

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110255.D
 Acq On : 29 Oct 2018 11:58
 Operator : JU/SJ
 Sample : J5624-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 29 12:31:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	118217	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	448469	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	188331	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	285522	20.00	ng	0.00
76) Chrysene-d12	14.16	240	218192	20.00	ng	0.00
87) Perylene-d12	15.69	264	194610	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	960718	132.34	ng	0.00
7) Phenol-d6	6.60	99	1229842	132.45	ng	0.00
23) Nitrobenzene-d5	7.54	82	769024	101.71	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	242930	130.22	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1280139	106.73	ng	-0.01
79) Terphenyl-d14	13.09	244	919561	87.65	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	84894	22.320	ng	90
3) Pyridine	3.64	79	246785	29.132	ng	87
4) n-Nitrosodimethylamine	3.59	42	143958	40.561	ng	93
6) Aniline	6.64	93	301803	24.951	ng	# 53
8) 2-Chlorophenol	6.76	128	313081	37.407	ng	96
9) Benzaldehyde	6.52	77	143407	23.654	ng	96
10) Phenol	6.62	94	536664	54.070	ng	# 66
11) bis(2-Chloroethyl)ether	6.70	93	287764	35.240	ng	94
12) 1,3-Dichlorobenzene	6.91	146	316654	34.379	ng	99
13) 1,4-Dichlorobenzene	6.99	146	326582	35.059	ng	99
14) 1,2-Dichlorobenzene	7.15	146	303145	35.055	ng	99
15) Benzyl Alcohol	7.11	79	273889	38.351	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.24	45	461092	35.316	ng	69
17) 2-Methylphenol	7.22	107	255808	38.351	ng	# 82
18) Hexachloroethane	7.48	117	114663	33.621	ng	94
19) n-Nitroso-di-n-propylamine	7.38	70	211440	35.494	ng	96
20) 3+4-Methylphenols	7.37	107	319553	37.062	ng	99
22) Acetophenone	7.38	105	424686	41.097	ng	# 97
24) Nitrobenzene	7.56	77	313451	40.154	ng	93
25) Isophorone	7.79	82	570334	44.251	ng	95
26) 2-Nitrophenol	7.87	139	157661	42.442	ng	95
27) 2,4-Dimethylphenol	7.90	122	276152	44.839	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	363552	41.522	ng	100
29) 2,4-Dichlorophenol	8.11	162	257580	41.397	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	271979	39.024	ng	96
31) Naphthalene	8.28	128	871187	42.149	ng	99
32) Benzoic acid	7.96	122	20174	4.238	ng	89
33) 4-Chloroaniline	8.32	127	187080	20.111	ng	99
34) Hexachlorobutadiene	8.39	225	148953	38.491	ng	98
35) Caprolactam	8.69	113	44772	20.645	ng	98
36) 4-Chloro-3-methylphenol	8.80	107	265491	39.458	ng	96
37) 2-Methylnaphthalene	8.97	142	588118	43.005	ng	98
38) 1-Methylnaphthalene	9.07	142	552536	41.809	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	247863	42.240	ng	99

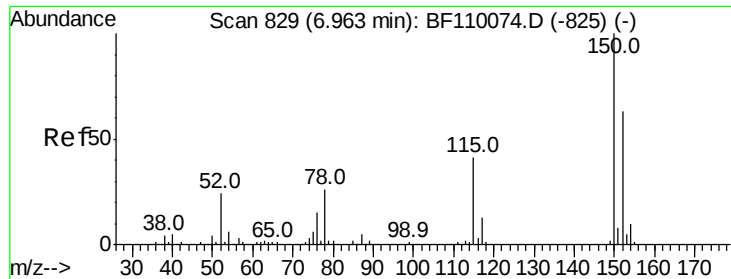
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110255.D
 Acq On : 29 Oct 2018 11:58
 Operator : JU/SJ
 Sample : J5624-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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Quant Time: Oct 29 12:31:22 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	86116	28.700	ng	99
43) 2,4,6-Trichlorophenol	9.25	196	163322	43.152	ng	95
44) 2,4,5-Trichlorophenol	9.29	196	172704	43.169	ng	96
46) 1,1'-Biphenyl	9.43	154	696039	40.870	ng	99
47) 2-Chloronaphthalene	9.46	162	518912	41.538	ng	98
48) 2-Nitroaniline	9.56	65	162101	42.820	ng	93
49) Acenaphthylene	9.88	152	775057	42.955	ng	99
50) Dimethylphthalate	9.73	163	804866	57.895	ng	99
51) 2,6-Dinitrotoluene	9.80	165	129752	43.329	ng	86
52) Acenaphthene	10.05	154	482351	40.409	ng	98
53) 3-Nitroaniline	9.97	138	109008	30.611	ng	87
54) 2,4-Dinitrophenol	10.07	184	18653	19.855	ng	90
55) Dibenzofuran	10.22	168	672787	40.257	ng	98
56) 4-Nitrophenol	10.13	139	252833	95.928	ng	96
57) 2,4-Dinitrotoluene	10.20	165	162527	42.729	ng	# 85
58) Fluorene	10.57	166	521901	41.960	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	128043	39.266	ng	93
60) Diethylphthalate	10.43	149	575674	42.420	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	249314	37.996	ng	98
62) 4-Nitroaniline	10.58	138	116024	32.758	ng	98
63) Azobenzene	10.72	77	521909	38.745	ng	96
65) 4,6-Dinitro-2-methylphenol	10.61	198	26693	20.463	ng	88
66) n-Nitrosodiphenylamine	10.67	169	455606	48.649	ng	99
67) 4-Bromophenyl-phenylether	11.04	248	141217	45.597	ng	93
68) Hexachlorobenzene	11.12	284	137228	41.760	ng	# 93
69) Atrazine	11.20	200	139425	47.110	ng	99
70) Pentachlorophenol	11.31	266	127653	66.619	ng	99
71) Phenanthrene	11.53	178	679048	45.452	ng	100
72) Anthracene	11.59	178	685256	45.761	ng	99
73) Carbazole	11.74	167	578453	39.563	ng	99
74) Di-n-butylphthalate	12.06	149	758330	45.922	ng	98
75) Fluoranthene	12.73	202	654394	43.160	ng	98
77) Benzidine	12.84	184	122822	14.992	ng	96
78) Pyrene	12.96	202	637038	40.725	ng	99
80) Butylbenzylphthalate	13.56	149	279515	41.169	ng	97
81) Benzo(a)anthracene	14.15	228	574888	44.430	ng	100
82) 3,3'-Dichlorobenzidine	14.10	252	159206	35.335	ng	98
83) Chrysene	14.19	228	532506	43.329	ng	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	383918	41.830	ng	97
85) Di-n-octyl phthalate	14.73	149	674113	47.236	ng	99
86) Indeno(1,2,3-cd)pyrene	17.27	276	437308	42.892	ng	96
88) Benzo(b)fluoranthene	15.23	252	545392	48.531	ng	99
89) Benzo(k)fluoranthene	15.26	252	451189	40.839	ng	98
90) Benzo(a)pyrene	15.63	252	463185	44.792	ng	97
91) Dibenzo(a,h)anthracene	17.28	278	367801	41.221	ng	99
92) Benzo(g,h,i)perylene	17.74	276	346005	39.353	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

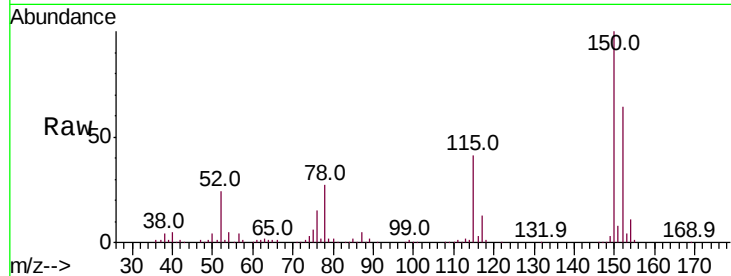


#1

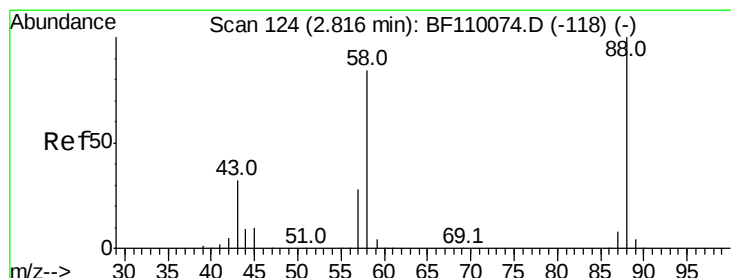
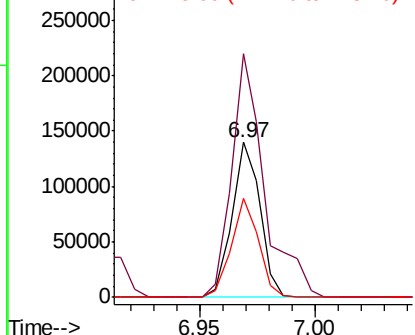
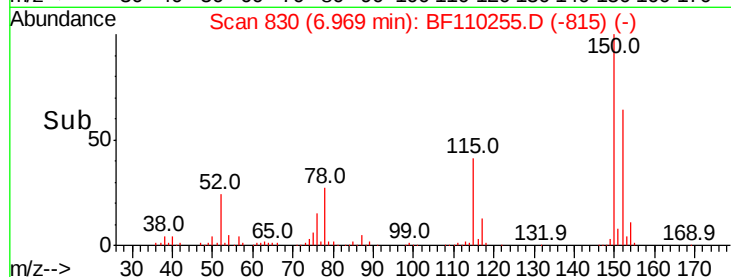
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 118217
Ion Ratio Lower Upper
152 100
150 157.2 122.7 184.1
115 64.1 49.1 73.7



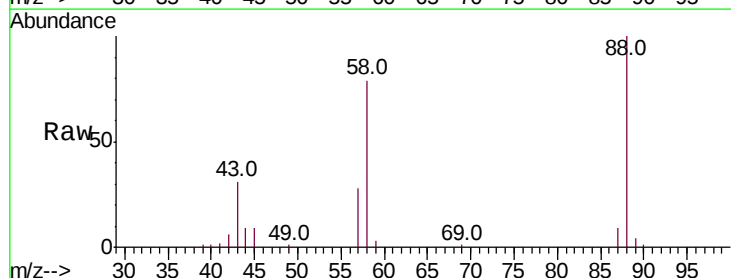
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



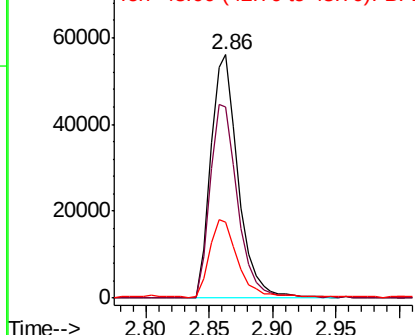
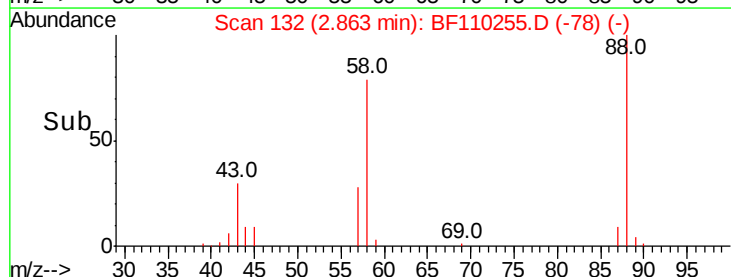
#2

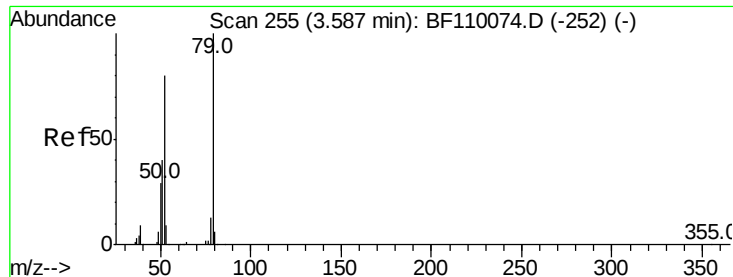
1,4-Dioxane
Concen: 22.320 ng
RT: 2.86 min Scan# 132
Delta R.T. 0.02 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion: 88 Resp: 84894
Ion Ratio Lower Upper
88 100
58 80.2 57.1 85.7
43 34.2 24.1 36.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 29.132 ng

RT: 3.64 min Scan# 264

Delta R.T. 0.02 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

ClientSampleId :

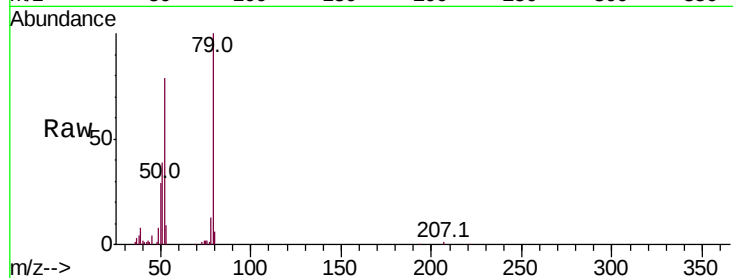
Tot Ion: 79 Resp: 246785

Ion Ratio Lower Upper

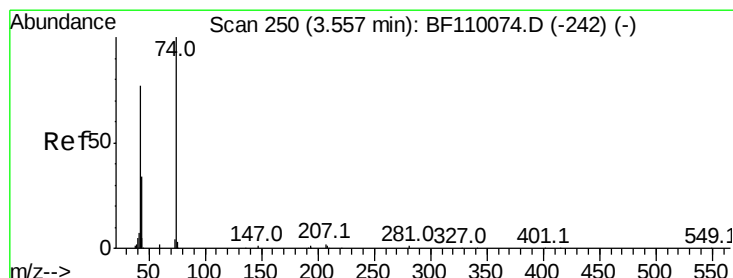
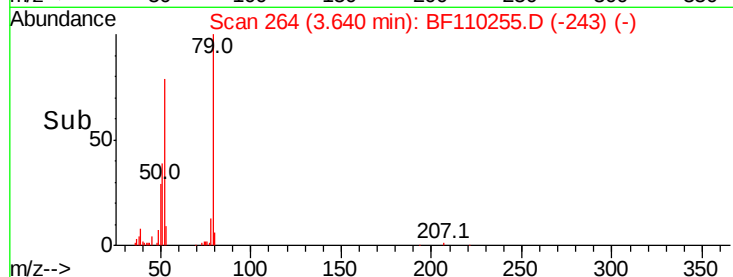
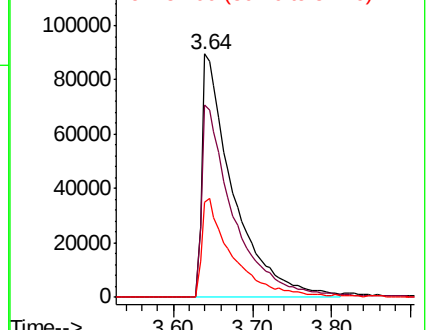
79 100

52 79.1 53.1 79.7

51 39.0 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.561 ng

RT: 3.59 min Scan# 256

Delta R.T. 0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

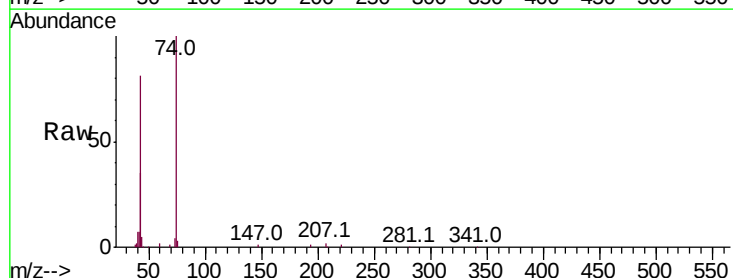
Tgt Ion: 42 Resp: 143958

Ion Ratio Lower Upper

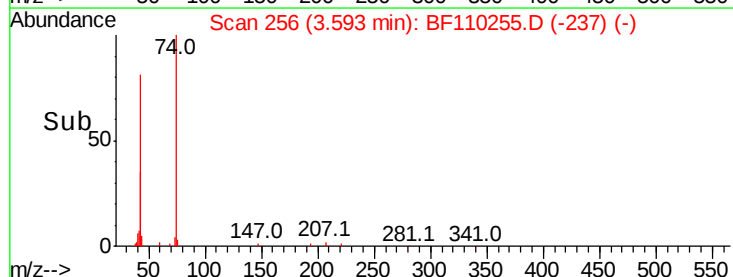
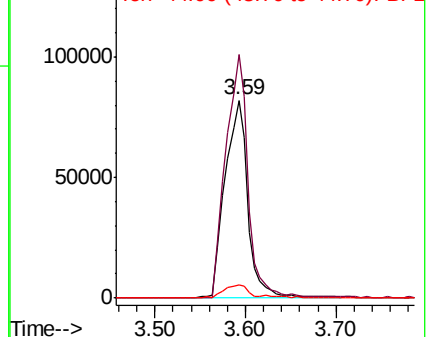
42 100

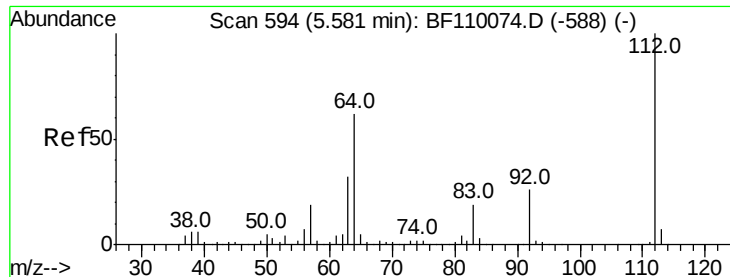
74 122.9 105.5 158.3

44 6.4 4.9 7.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 132.340 ng

RT: 5.60 min Scan# 597

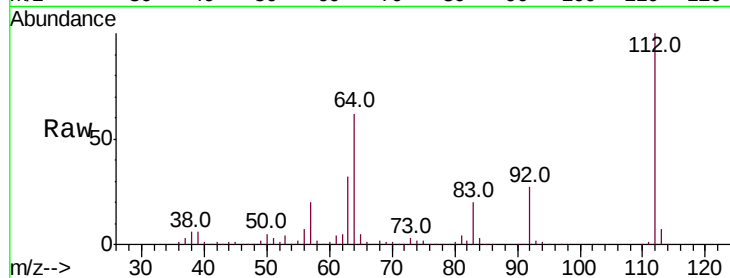
Delta R.T. 0.00 min

Lab File: BF110255.D

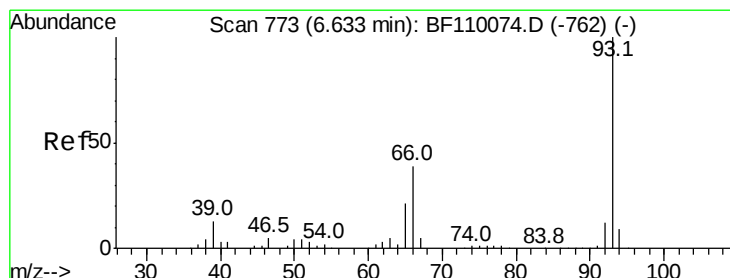
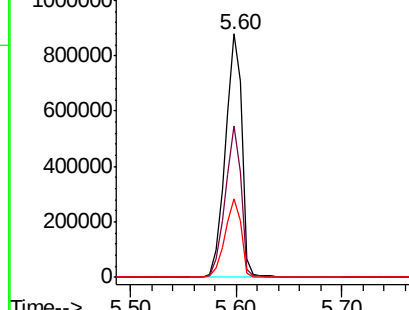
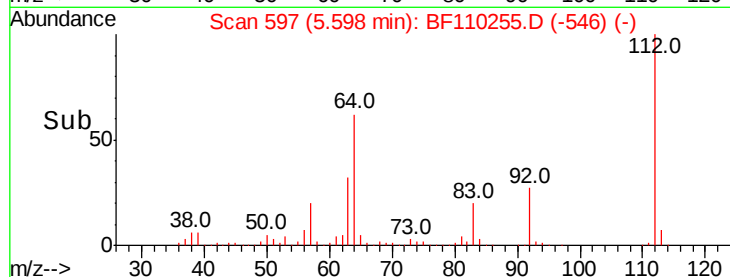
Acq: 29 Oct 2018 11:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	960718
Ion	Ratio	Lower	Upper
112	100		
64	62.0	44.1	66.1
63	32.5	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.951 ng

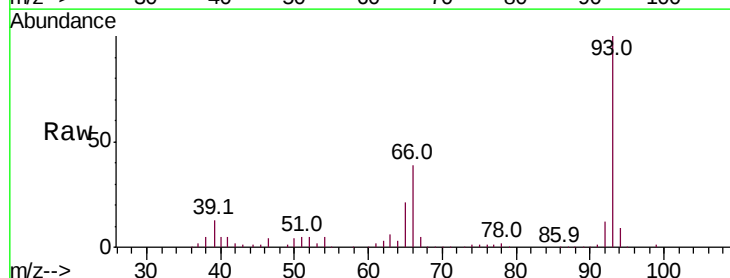
RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

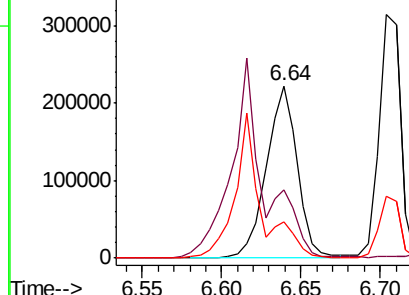
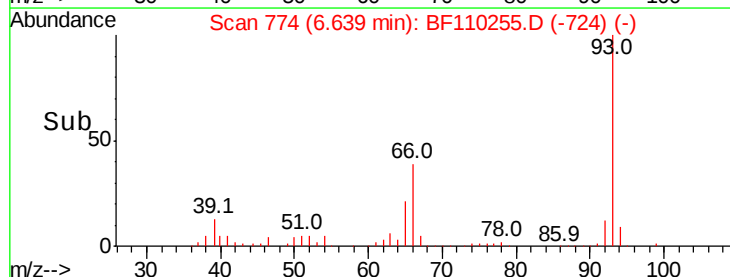
Lab File: BF110255.D

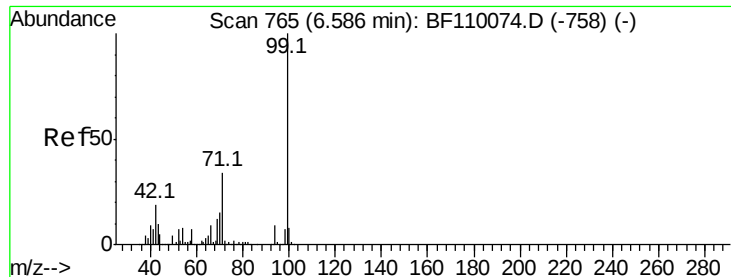
Acq: 29 Oct 2018 11:58

Tgt Ion:	93	Resp:	301803
Ion	Ratio	Lower	Upper
93	100		
66	39.4	67.4	101.0#
65	21.1	41.0	61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 132.449 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

ClientSampled :

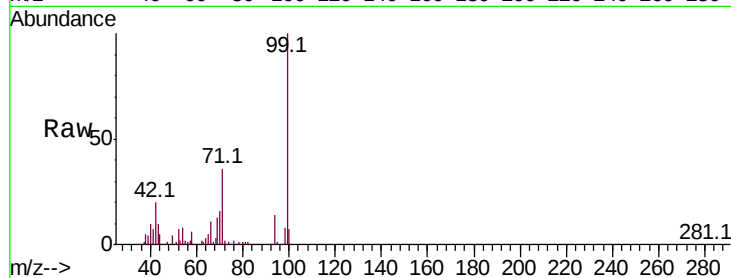
Tot Ion: 99 Resp: 1229842

Ion Ratio Lower Upper

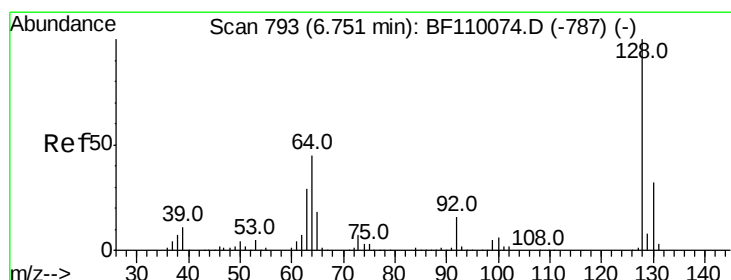
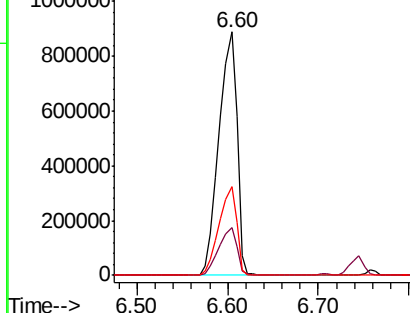
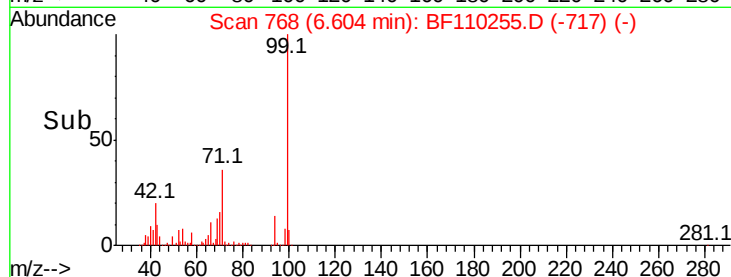
99 100

42 19.6 15.8 23.6

71 36.5 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
1200000
Ion 42.00 (41.70 to 42.70): BF1
1000000
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.407 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

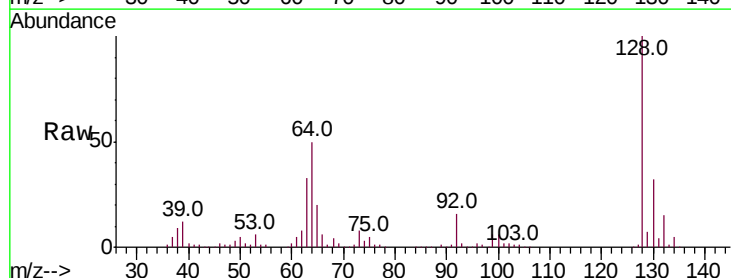
Tgt Ion:128 Resp: 313081

Ion Ratio Lower Upper

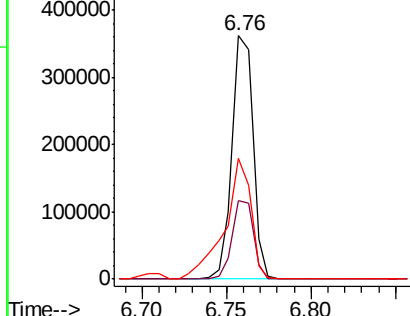
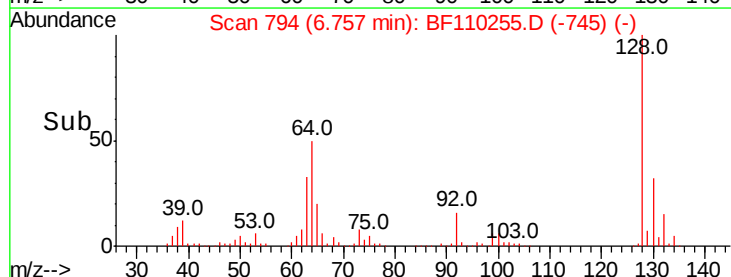
128 100

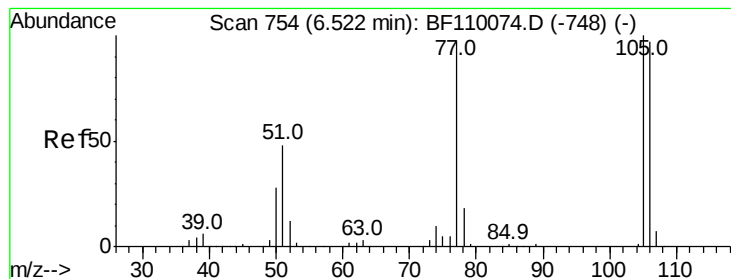
130 32.1 13.1 53.1

64 49.7 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E
500000
Ion 130.00 (129.70 to 130.70): E
400000
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.654 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

ClientSampled :

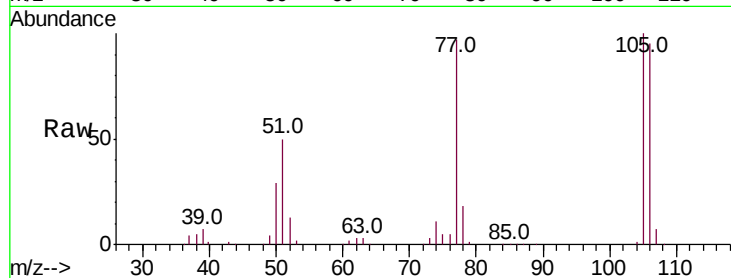
Tot Ion: 77 Resp: 143407

Ion Ratio Lower Upper

77 100

105 103.4 78.6 118.6

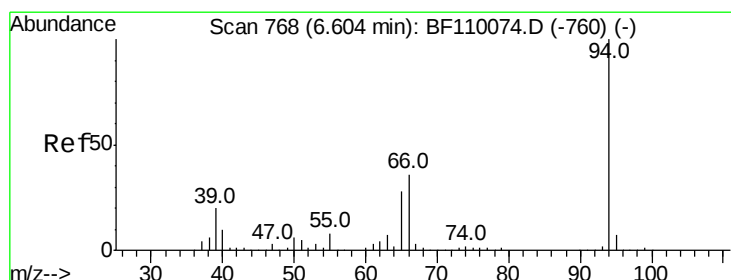
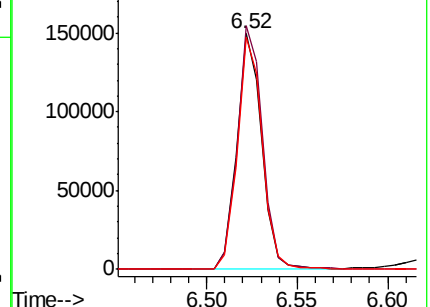
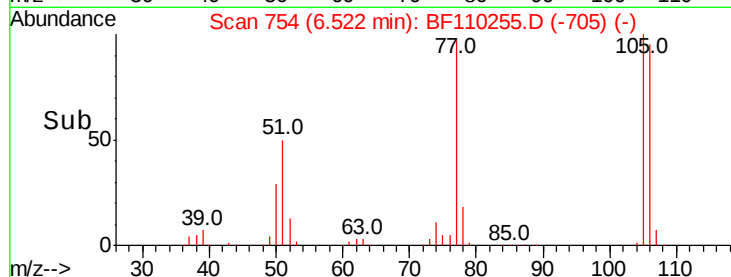
106 98.8 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 54.070 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

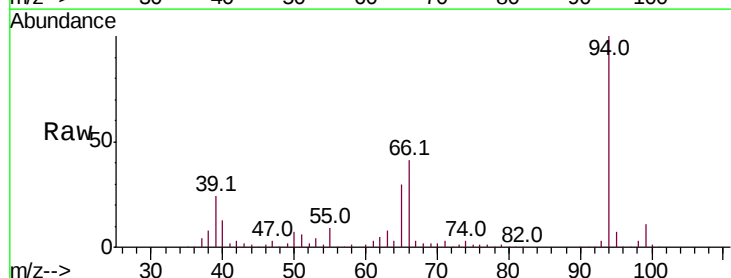
Tgt Ion: 94 Resp: 536664

Ion Ratio Lower Upper

94 100

65 29.8 25.3 65.3

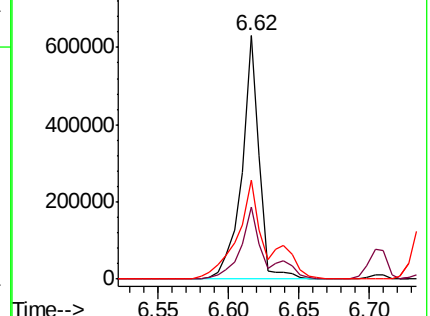
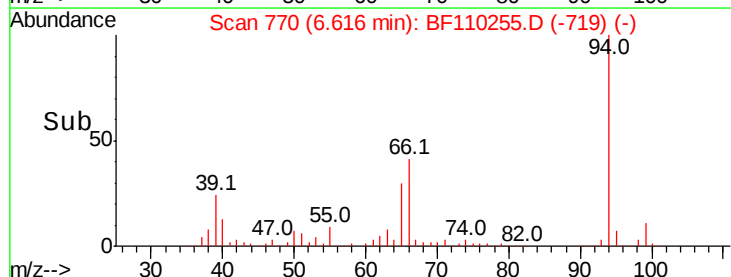
66 40.8 54.5 94.5#

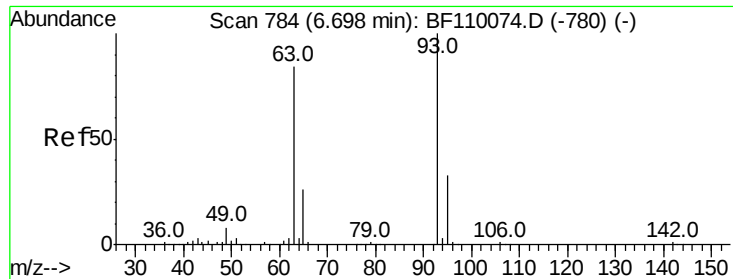


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 35.240 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

ClientSampleId :

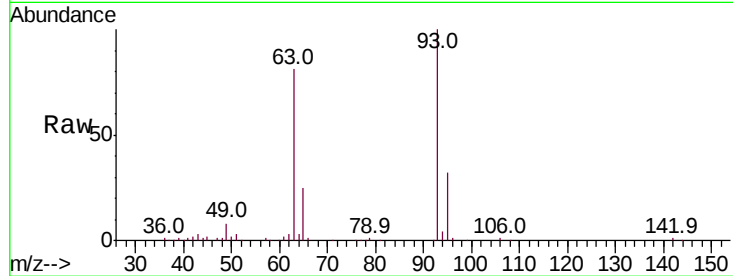
Tot Ion: 93 Resp: 287764

Ion Ratio Lower Upper

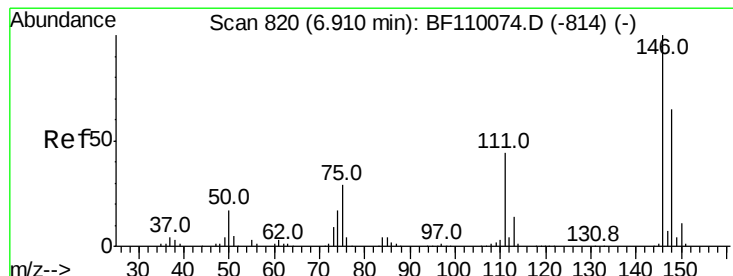
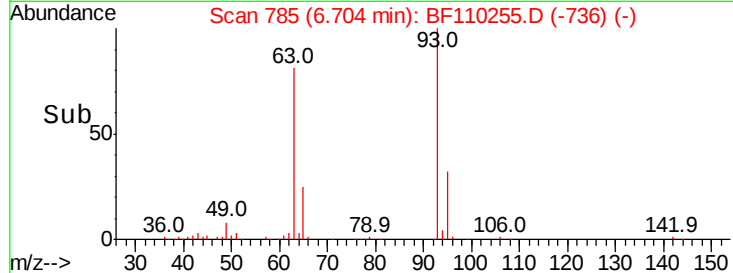
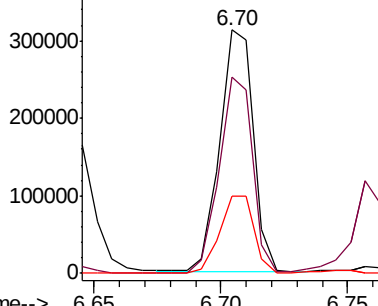
93 100

63 80.8 53.4 93.4

95 31.8 12.1 52.1



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 34.379 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

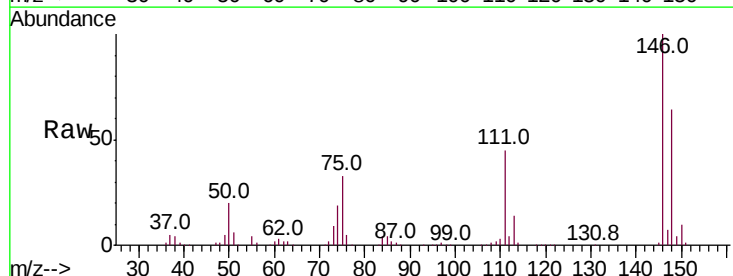
Tgt Ion:146 Resp: 316654

Ion Ratio Lower Upper

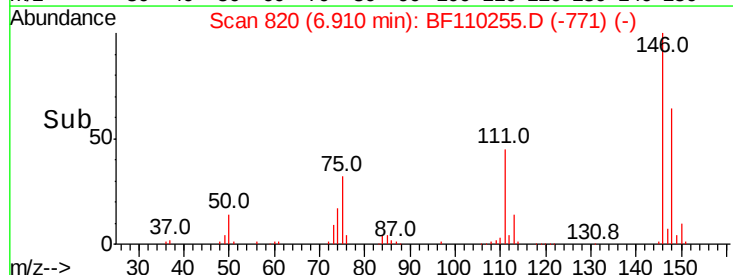
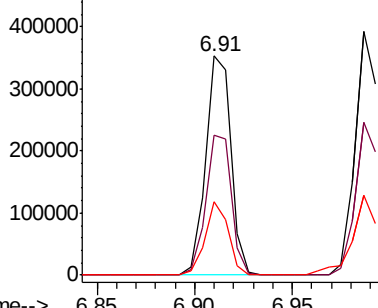
146 100

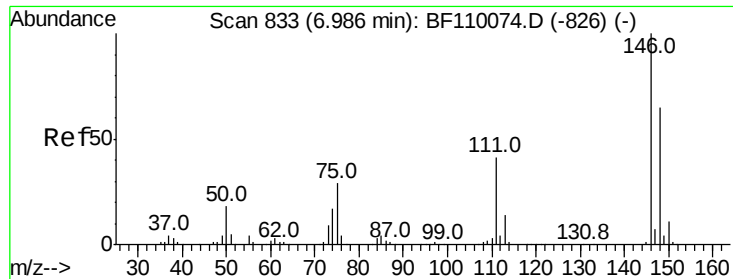
148 63.7 50.4 75.6

75 33.3 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

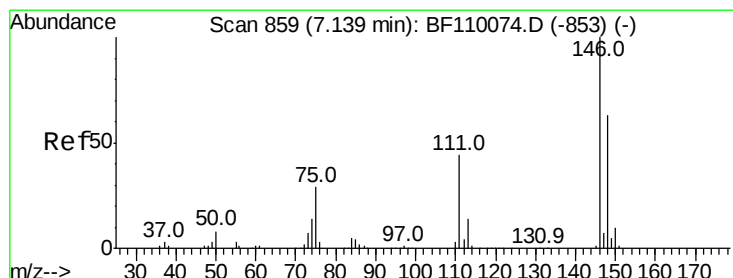
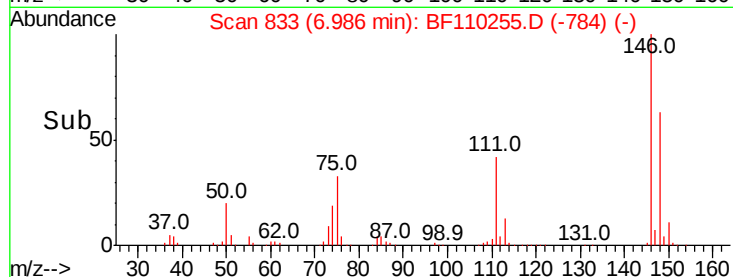
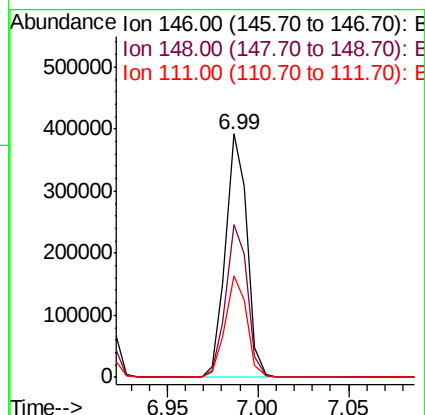
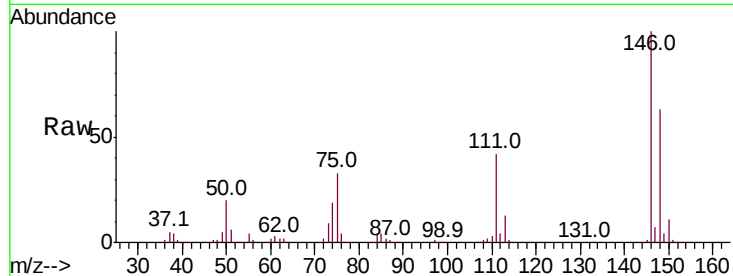




#13
 1,4-Dichlorobenzene
 Concen: 35.059 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

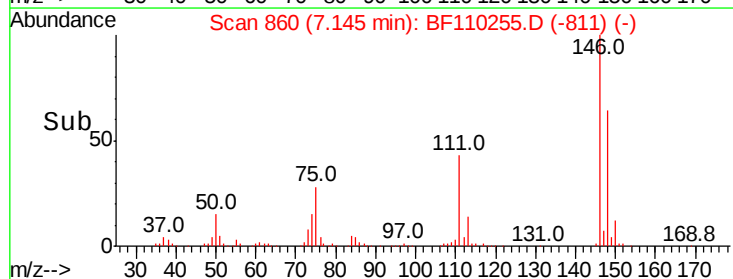
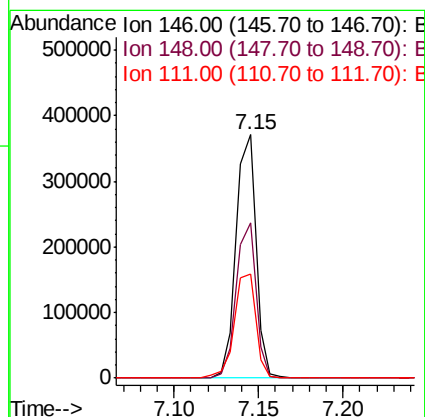
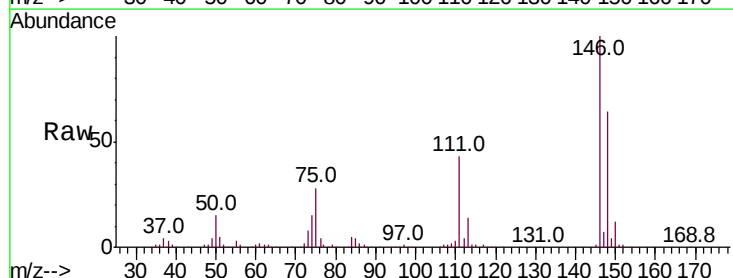
Instrument :
 BNA_F
 ClientSampleId :

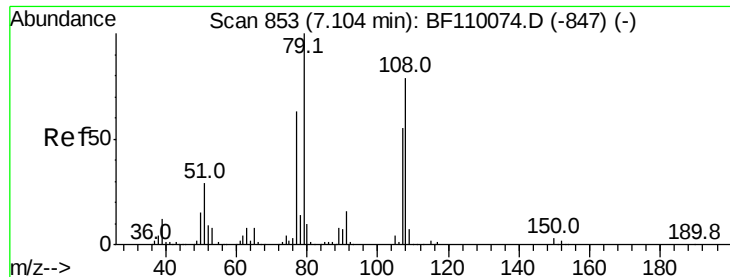
Tot Ion:146 Resp: 326582
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.3 75.5
 111 41.9 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 35.055 ng
 RT: 7.15 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Tgt Ion:146 Resp: 303145
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.1 76.7
 111 42.7 35.8 53.6





#15

Benzyl Alcohol

Concen: 38.351 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

ClientSampleId :

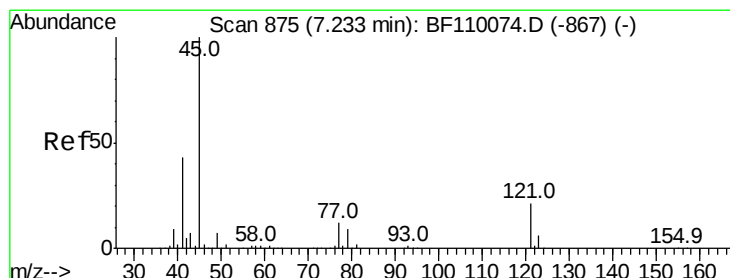
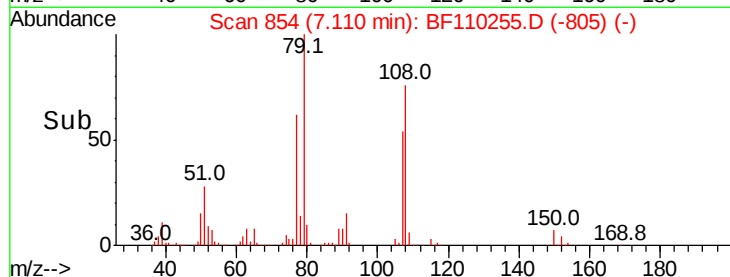
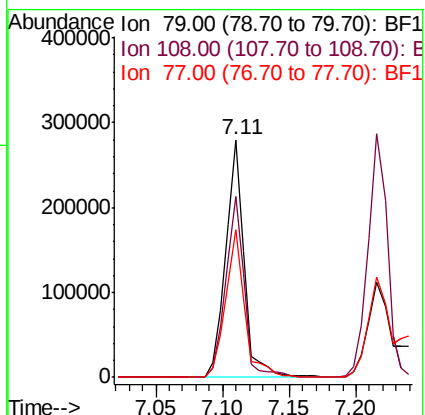
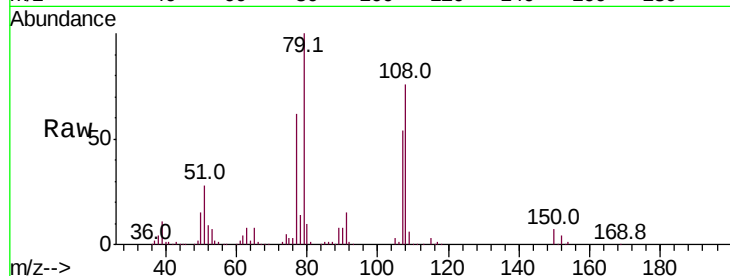
Tot Ion: 79 Resp: 273889

Ion Ratio Lower Upper

79 100

108 76.0 56.3 84.5

77 62.2 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.316 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

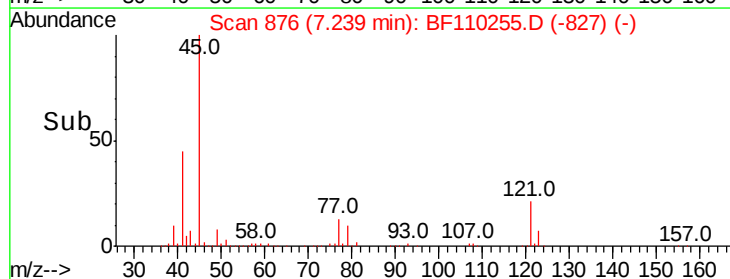
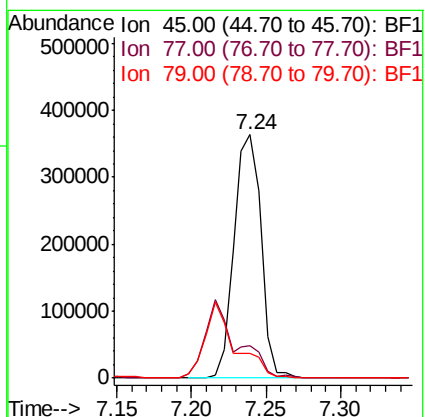
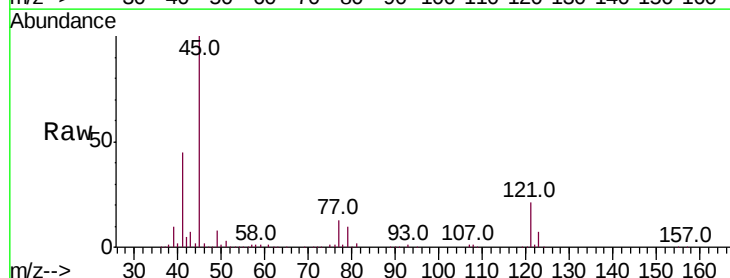
Tgt Ion: 45 Resp: 461092

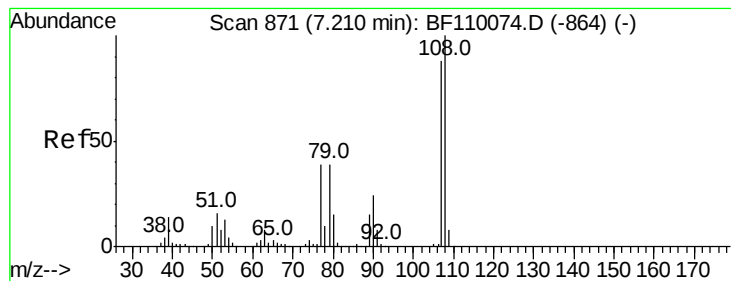
Ion Ratio Lower Upper

45 100

77 13.2 10.0 50.0

79 10.2 6.1 46.1

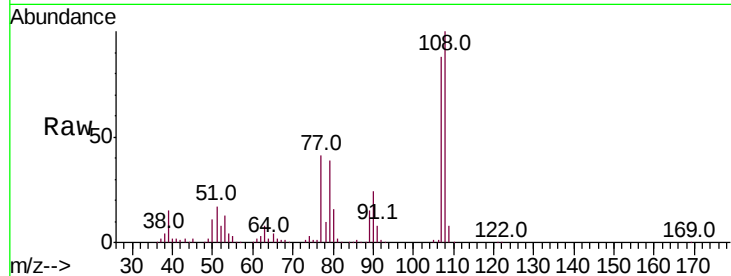




#17
2-Methylphenol
Concen: 38.351 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.1	92.6	138.8
77	46.3	59.4	89.2#
79	44.5	54.0	81.0#



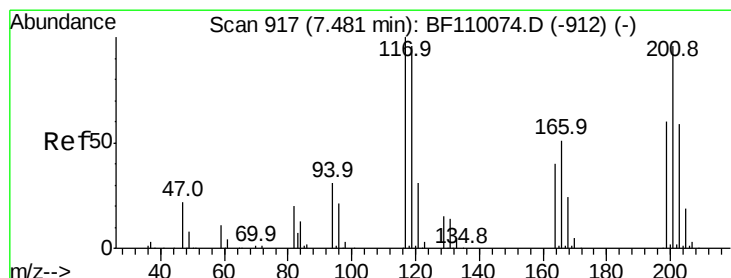
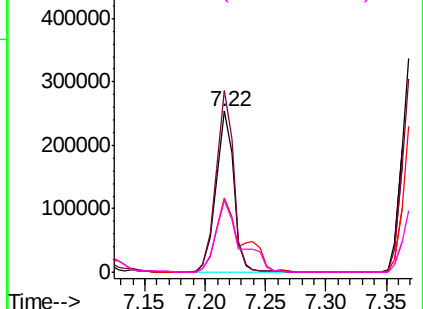
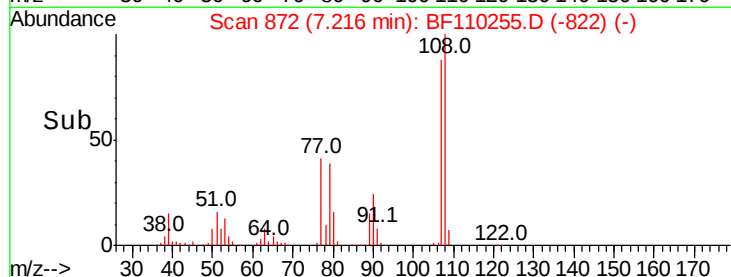
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

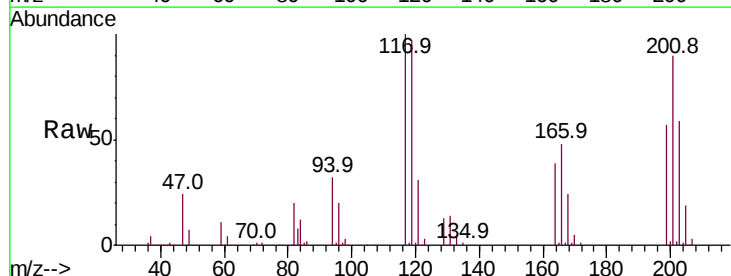
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 33.621 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.0	112.6
201	90.0	79.2	118.8

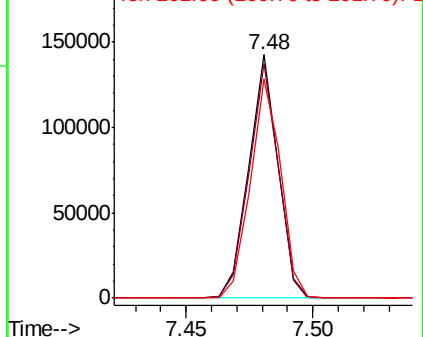
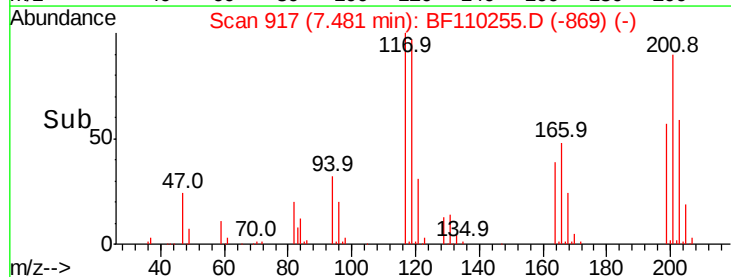


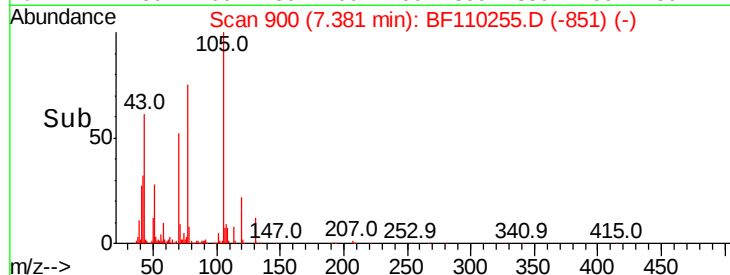
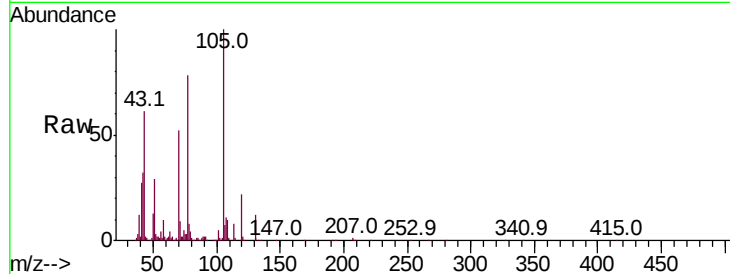
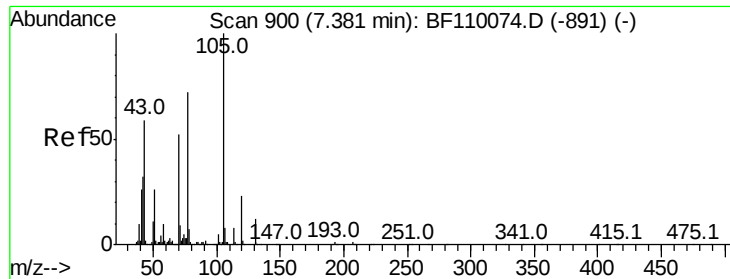
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

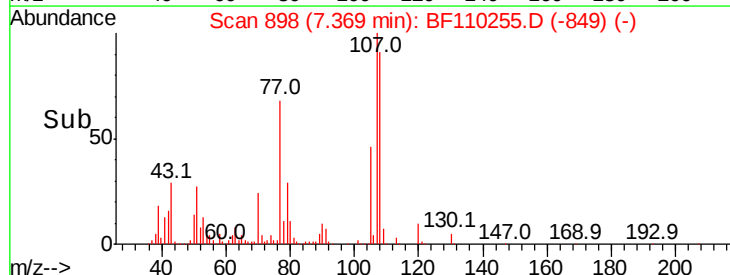
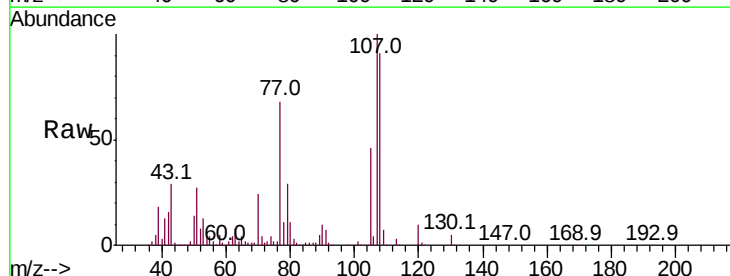
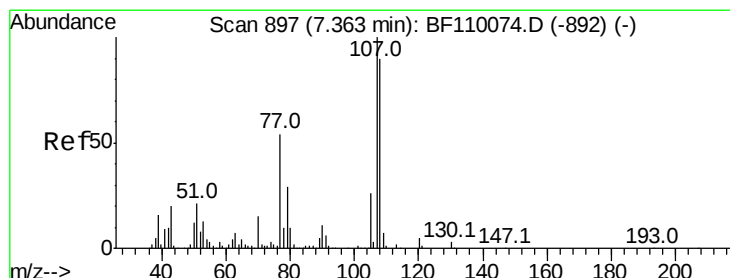
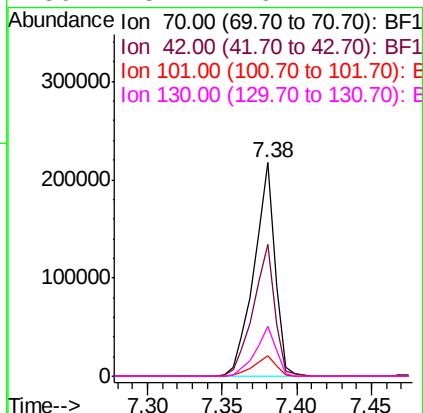




#19
n-Nitroso-di-n-propylamine
Concen: 35.494 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

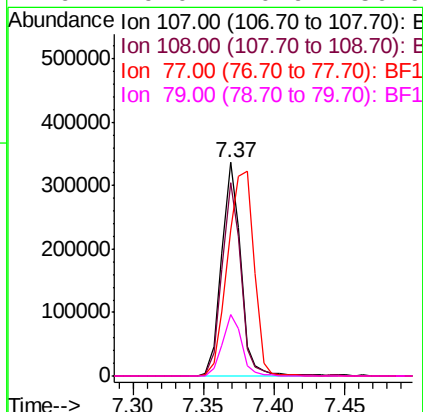
Instrument :
BNA_F
ClientSampleId :

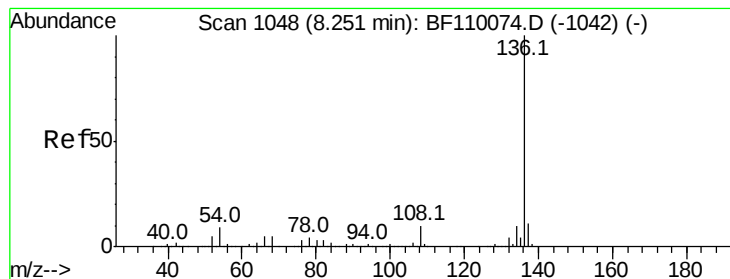
Tot Ion:	70	Resp:	211440
Ion	Ratio	Lower	Upper
70	100		
42	61.5	47.4	71.2
101	9.5	7.3	10.9
130	23.1	16.2	24.2



#20
3+4-Methylphenols
Concen: 37.062 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion:	107	Resp:	319553
Ion	Ratio	Lower	Upper
107	100		
108	90.5	71.4	111.4
77	68.4	47.3	87.3
79	29.0	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 448469

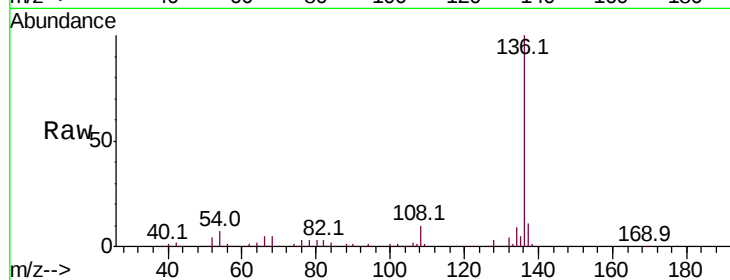
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 6.8 5.4 8.2

68 4.9 4.2 6.2

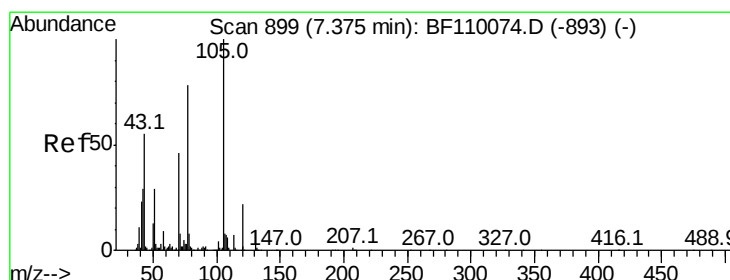
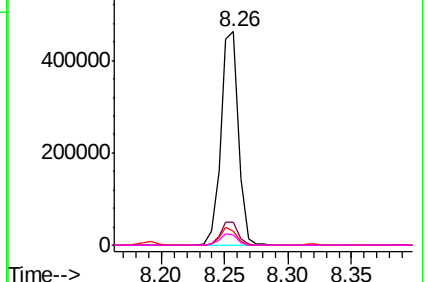
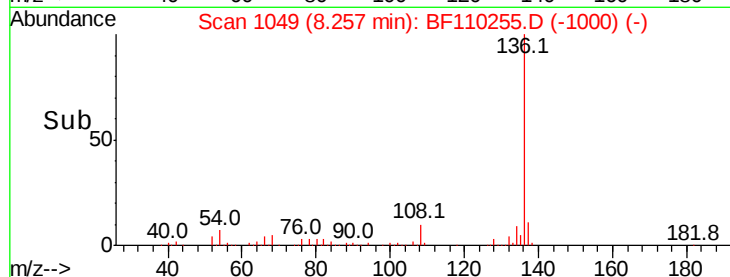


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.097 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Tgt Ion:105 Resp: 424686

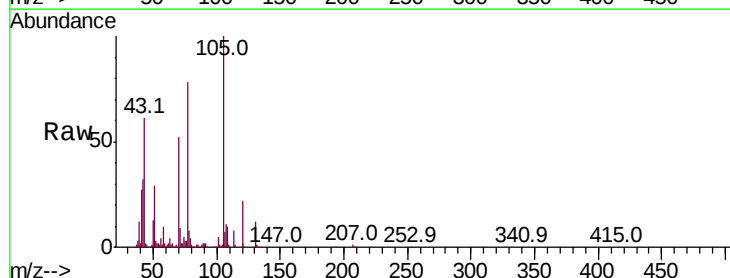
Ion Ratio Lower Upper

105 100

71 8.7 5.2 7.8#

51 29.0 21.8 32.8

120 21.6 17.0 25.4

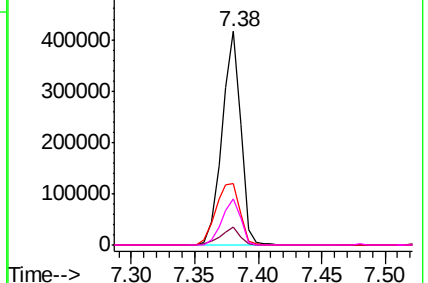
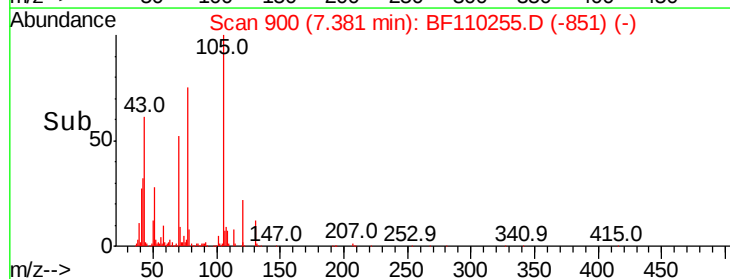


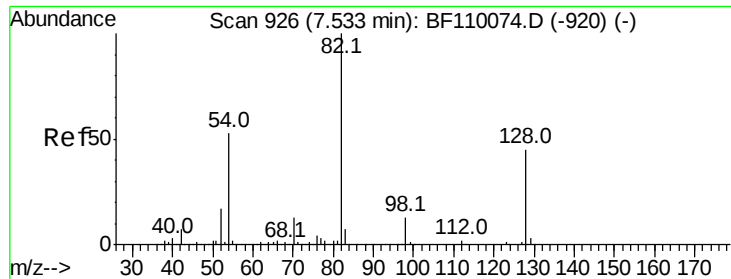
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

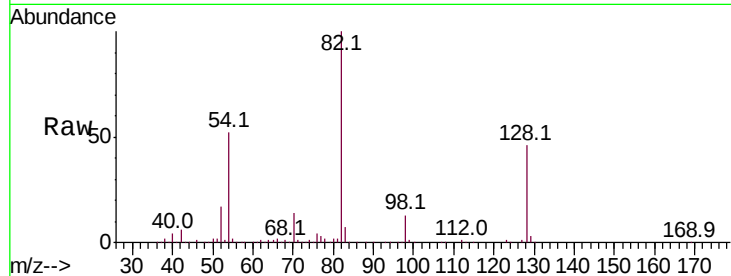




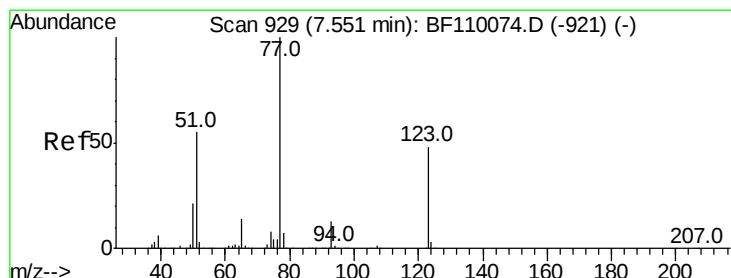
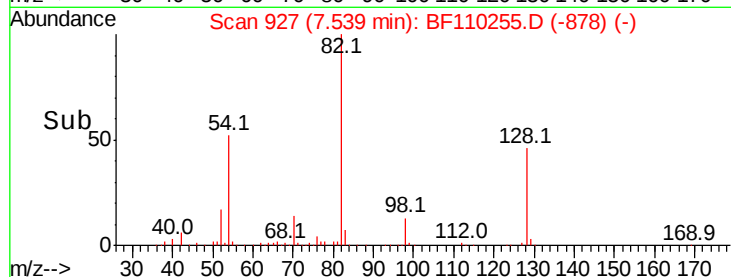
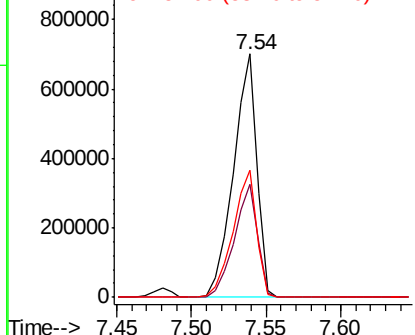
#23
Nitrobenzene-d5
Concen: 101.709 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	769024
Ion Ratio	100	Lower	Upper
128	46.3	34.2	51.2
54	52.0	38.6	58.0

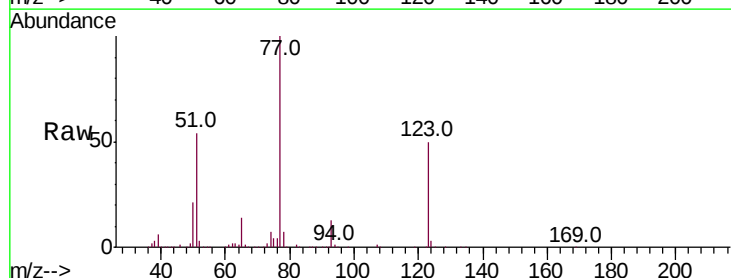


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

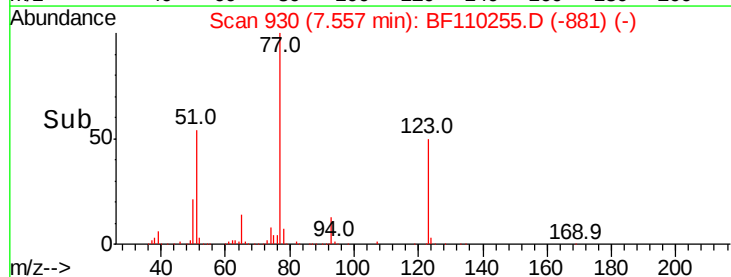
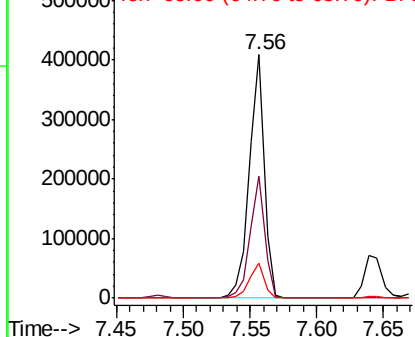


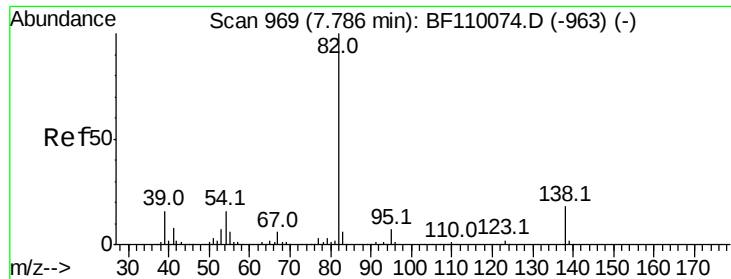
#24
Nitrobenzene
Concen: 40.154 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion	77	Resp	313451
Ion Ratio	100	Lower	Upper
123	50.3	35.7	53.5
65	14.4	10.7	16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

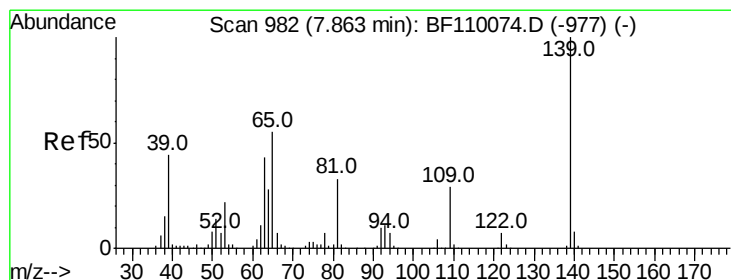
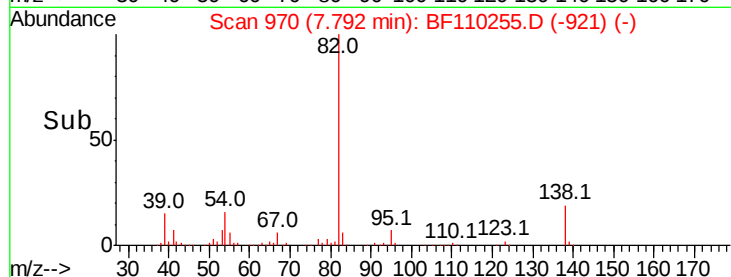
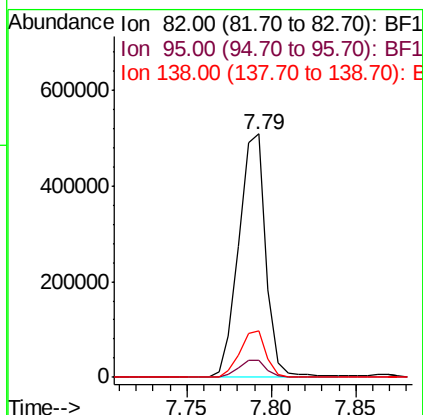
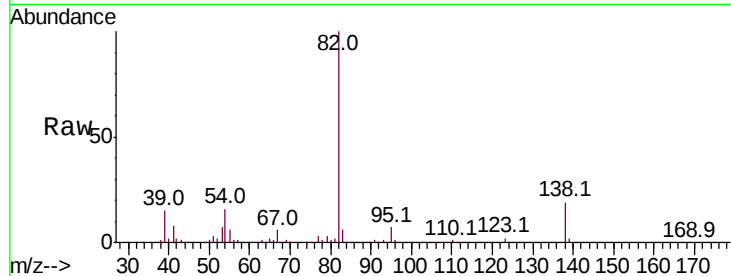




#25
Isophorone
Concen: 44.251 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

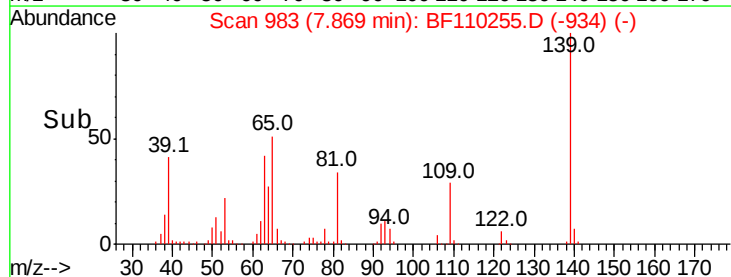
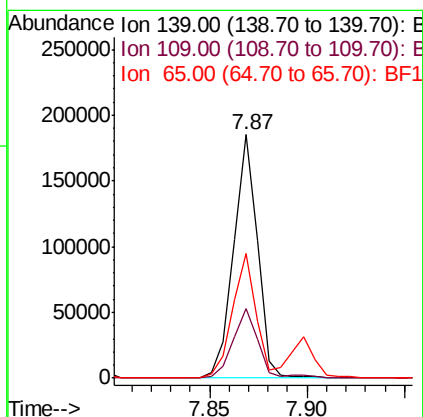
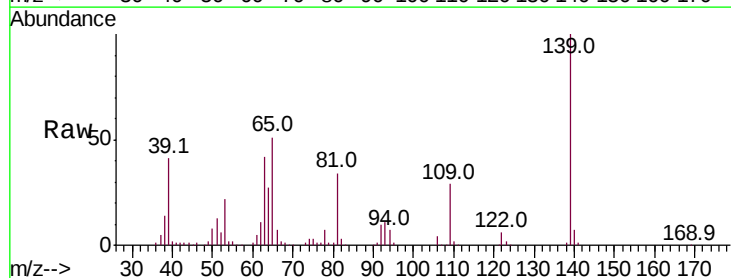
Instrument :
BNA_F
ClientSampleId :

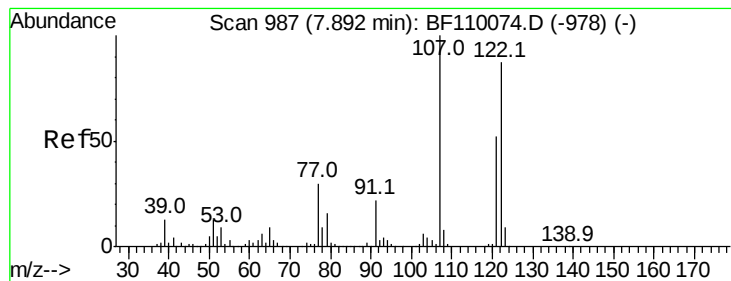
Tot Ion: 82 Resp: 570334
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 19.3 13.2 19.8



#26
2-Nitrophenol
Concen: 42.442 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion: 139 Resp: 157661
Ion Ratio Lower Upper
139 100
109 28.6 25.0 37.6
65 51.0 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 44.839 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

ClientSampled :

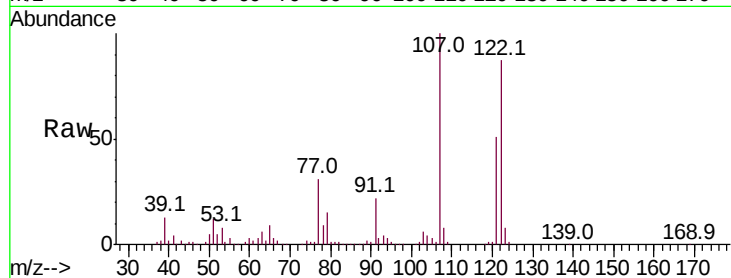
Tot Ion:122 Resp: 276152

Ion Ratio Lower Upper

122 100

107 114.5 92.5 138.7

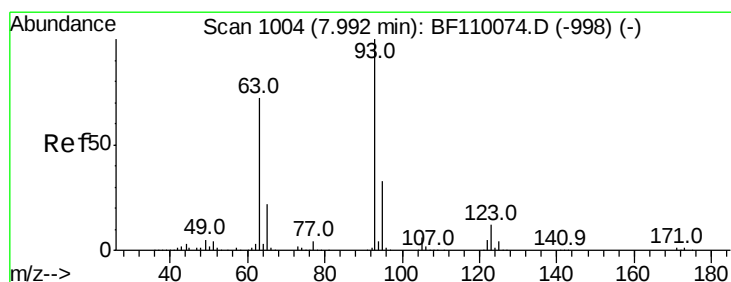
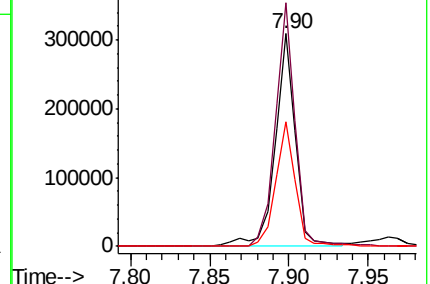
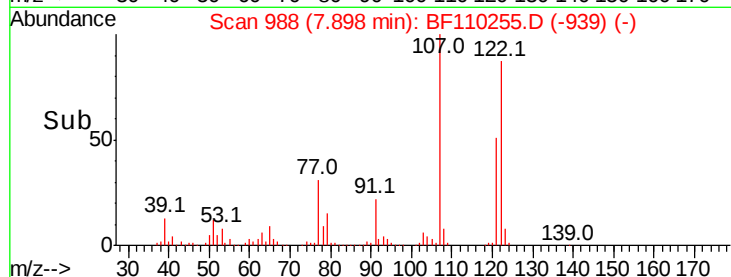
121 58.7 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.522 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

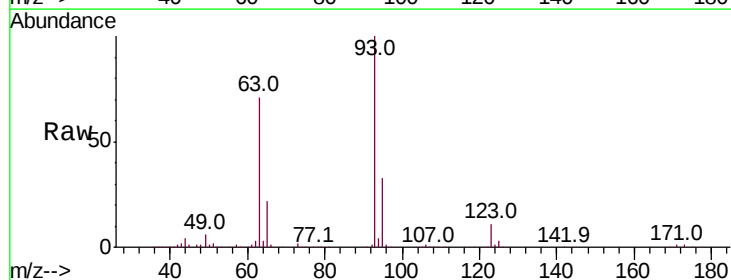
Tgt Ion: 93 Resp: 363552

Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

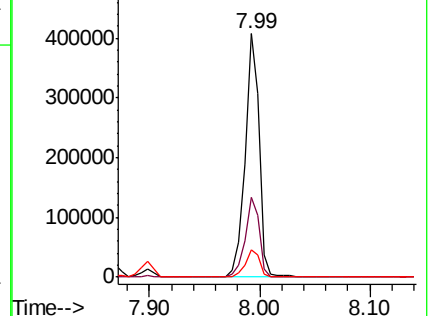
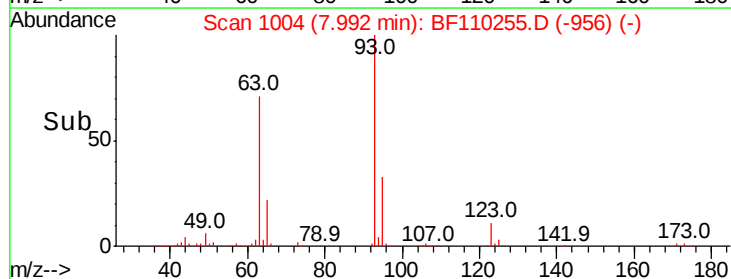
123 11.3 9.0 13.6

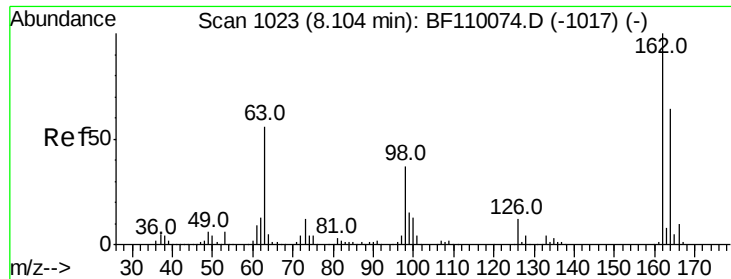


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

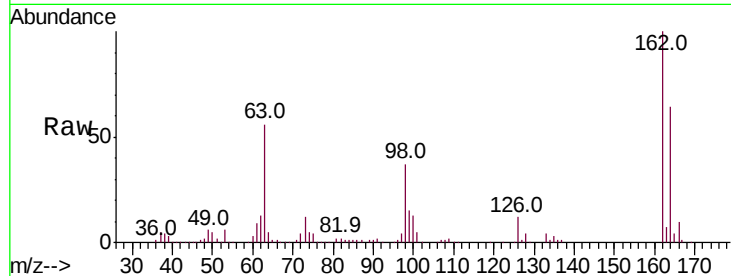




#29
 2,4-Dichlorophenol
 Concen: 41.397 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.6	84.6
98	36.9	17.4	57.4

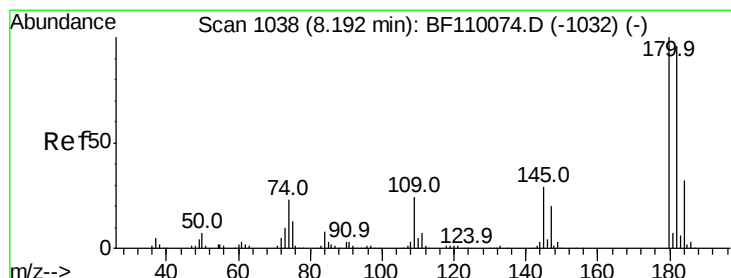
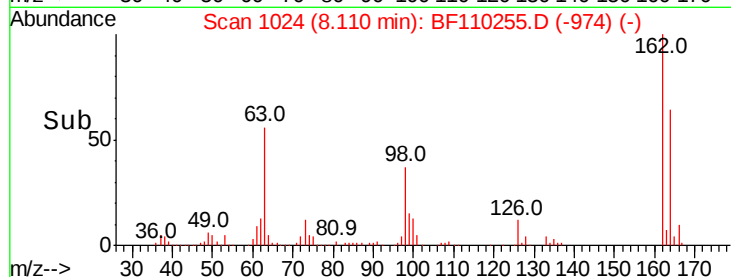
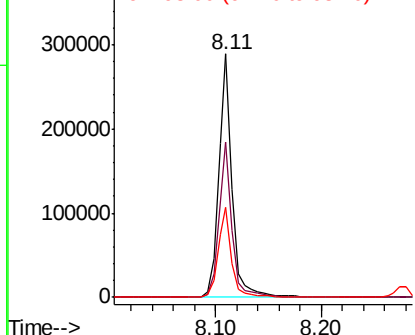


Abundance

Ion 162.00 (161.70 to 162.70): E

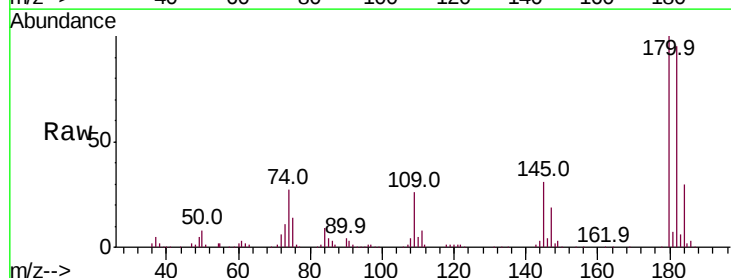
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.024 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	80.3	120.5
145	31.3	25.4	38.0

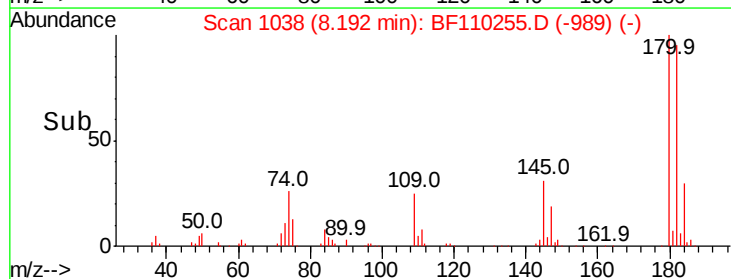
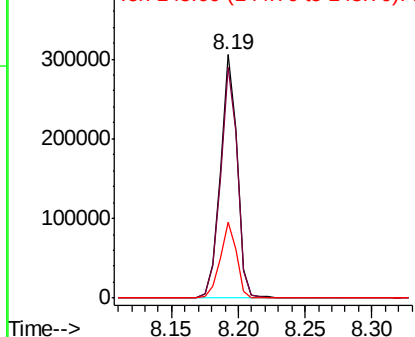


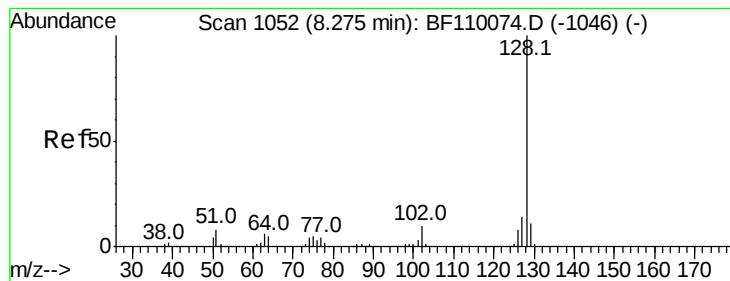
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.149 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

ClientSampleId :

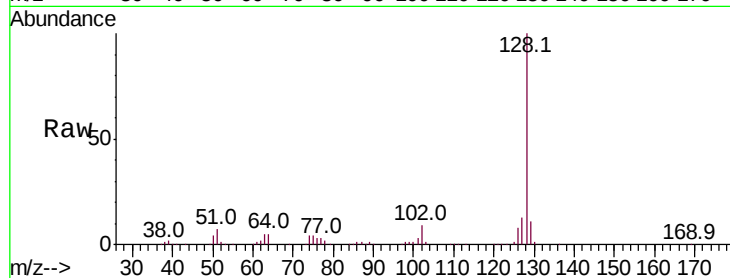
Tot Ion:128 Resp: 871187

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

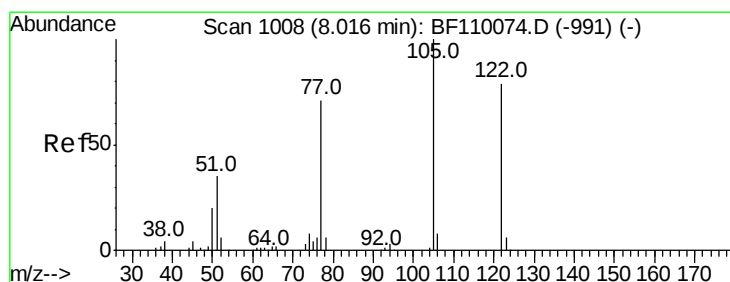
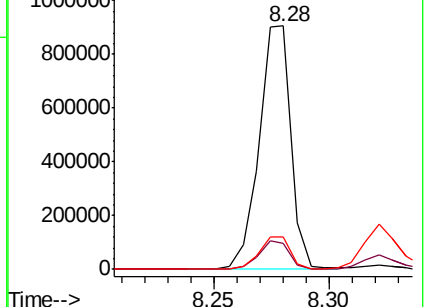
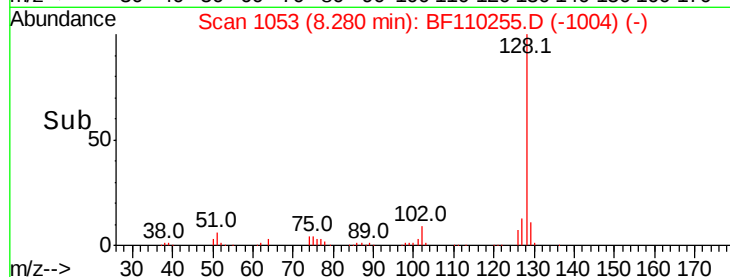
127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 4.238 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.05 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

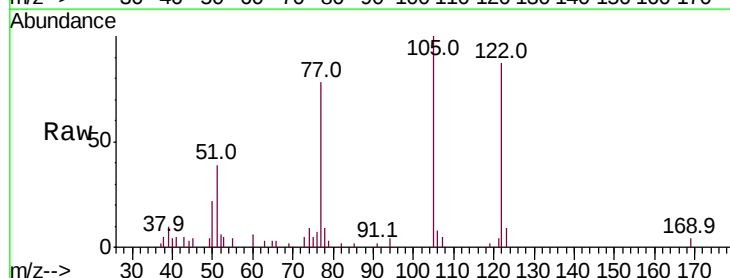
Tgt Ion:122 Resp: 20174

Ion Ratio Lower Upper

122 100

105 114.9 109.0 149.0

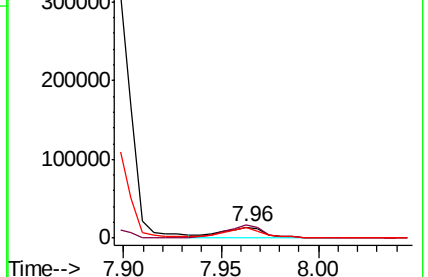
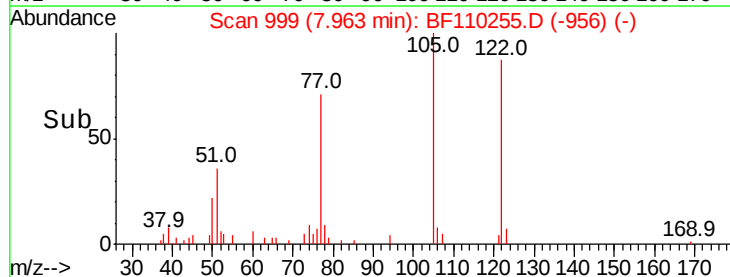
77 89.9 79.0 119.0

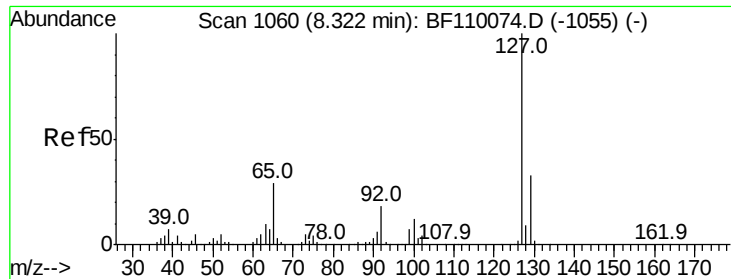


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

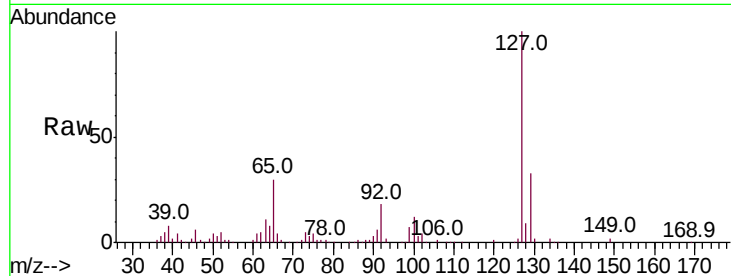




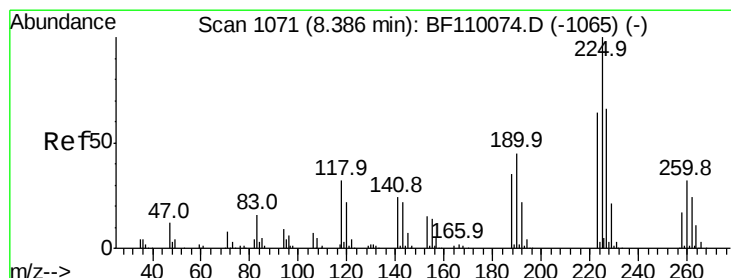
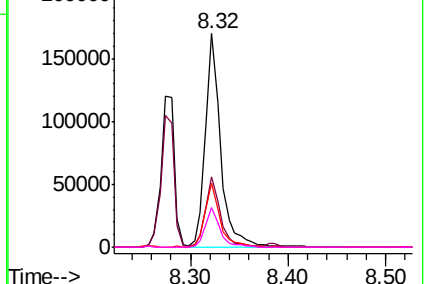
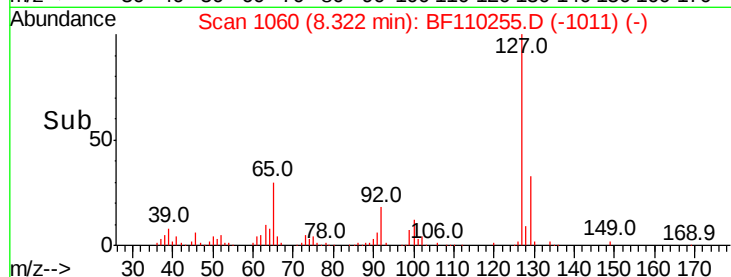
#33
4-Chloroaniline
Concen: 20.111 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	187080
Ion Ratio	Lower	Upper
127	100	
129	32.7	26.0 39.0
65	30.3	25.1 37.7
92	18.4	15.0 22.6

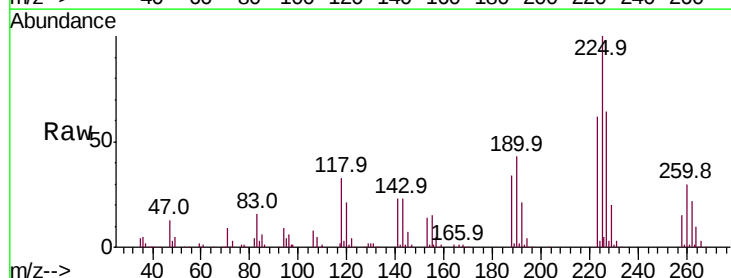


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

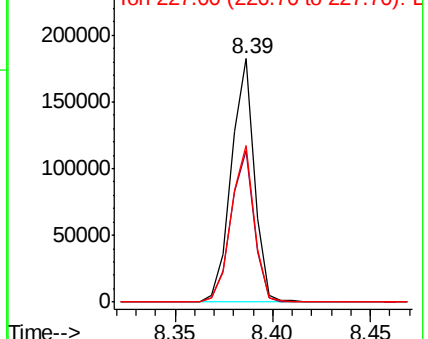
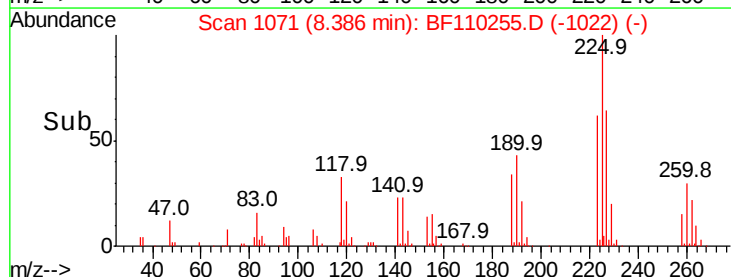


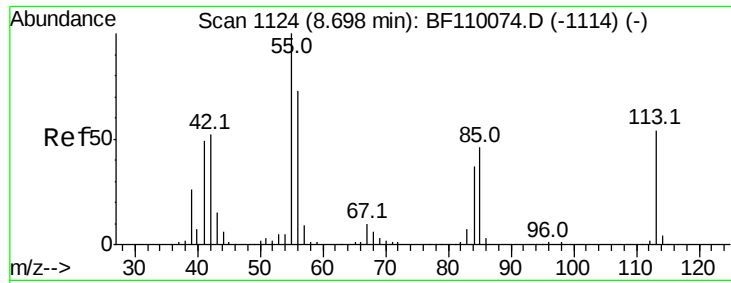
#34
Hexachlorobutadiene
Concen: 38.491 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion:225	Resp:	148953
Ion Ratio	Lower	Upper
225	100	
223	62.1	51.4 77.2
227	64.1	51.0 76.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

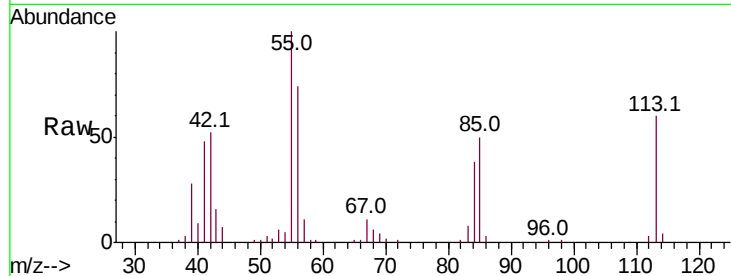




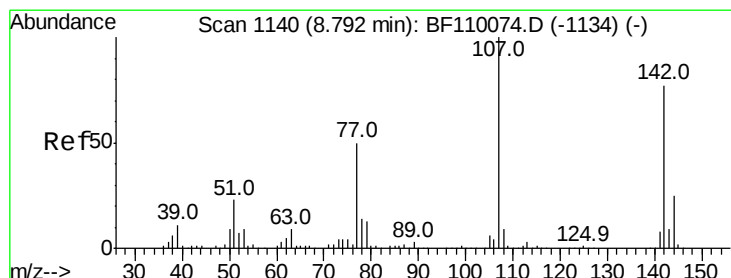
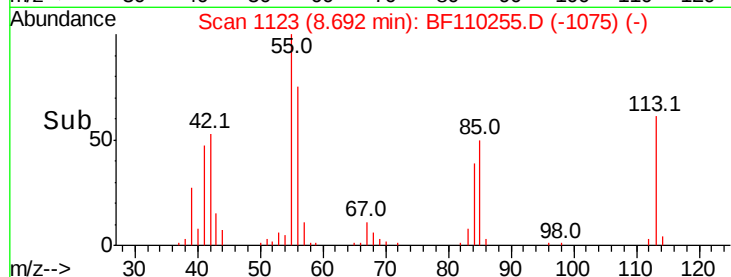
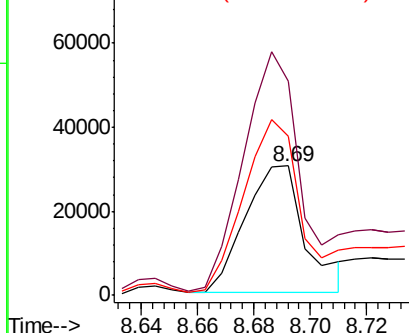
#35
 Caprolactam
 Concen: 20.645 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.02 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 44772
 Ion Ratio Lower Upper
 113 100
 55 165.3 142.8 182.8
 56 122.6 105.0 145.0

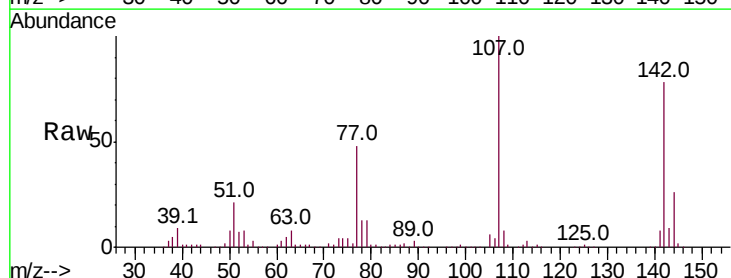


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

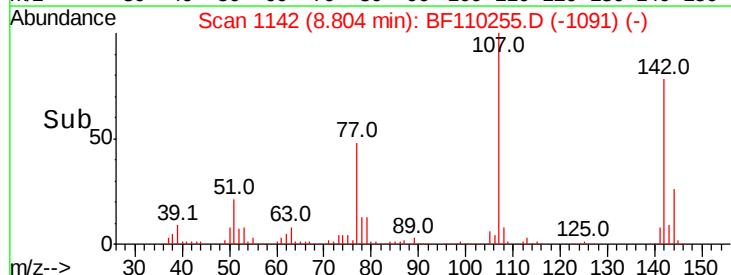
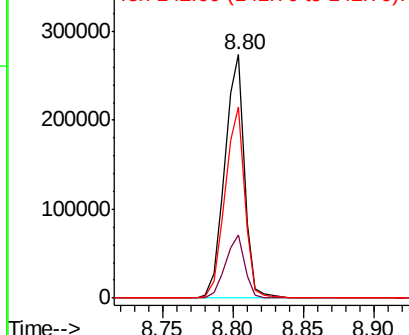


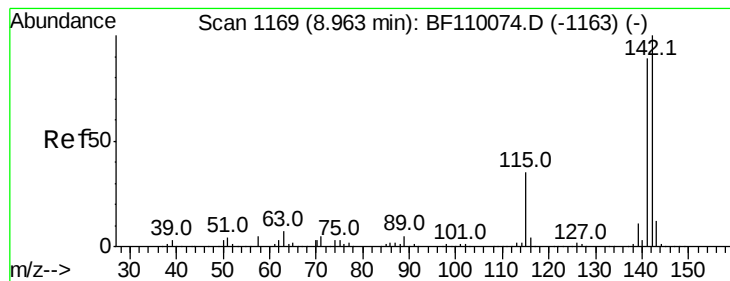
#36
 4-Chloro-3-methylphenol
 Concen: 39.458 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Tgt Ion:107 Resp: 265491
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.0 30.0
 142 78.4 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

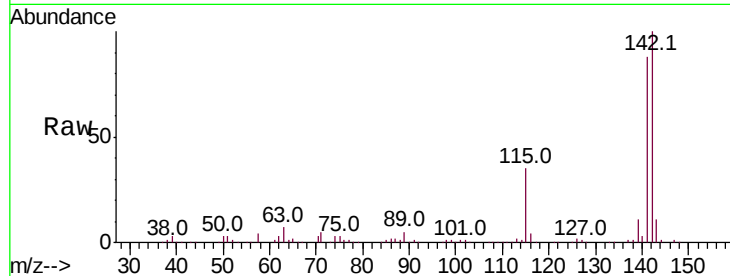




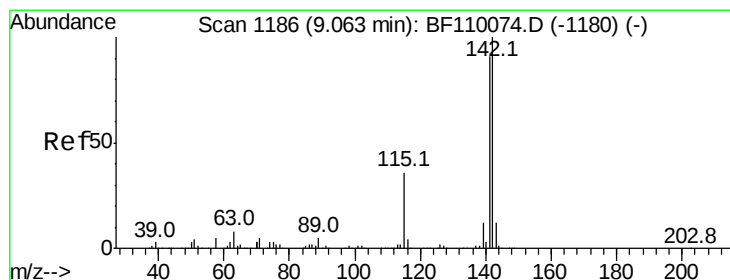
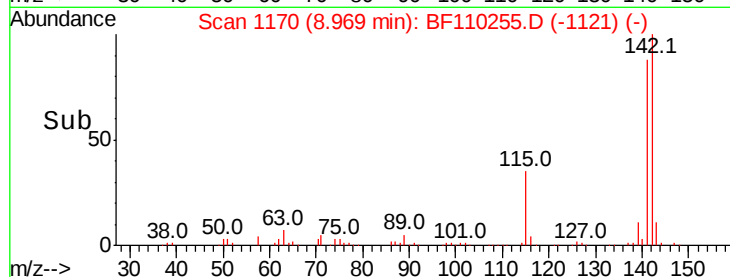
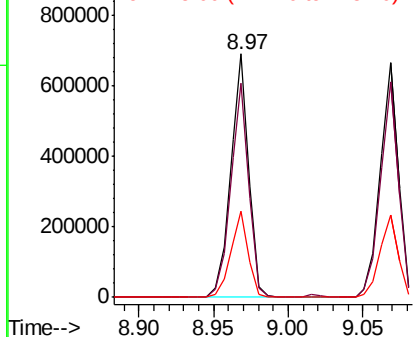
#37
2-Methylnaphthalene
Concen: 43.005 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.4	107.2
115	35.2	28.7	43.1

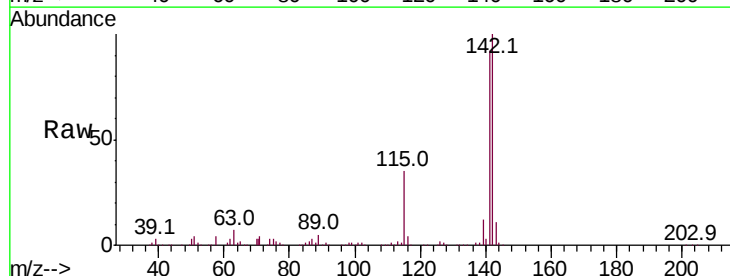


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

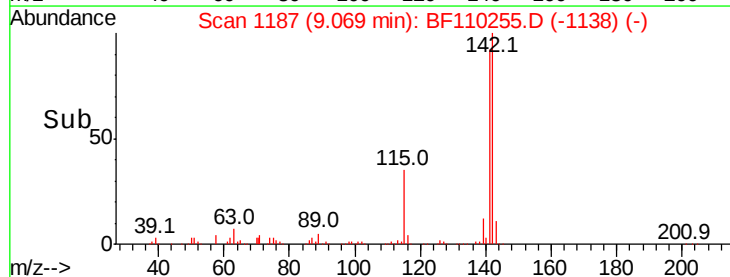
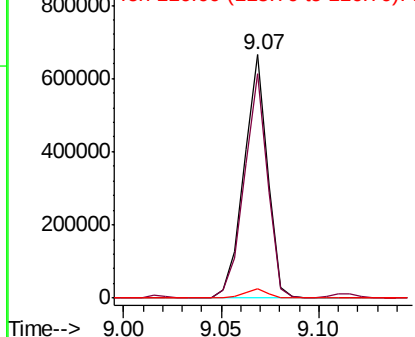


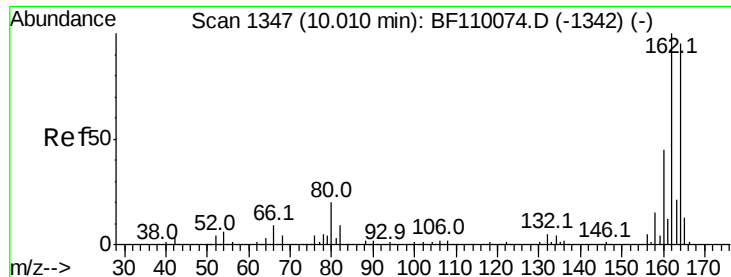
#38
1-Methylnaphthalene
Concen: 41.809 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.2	111.4
116	3.6	2.6	4.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

ClientSampleId :

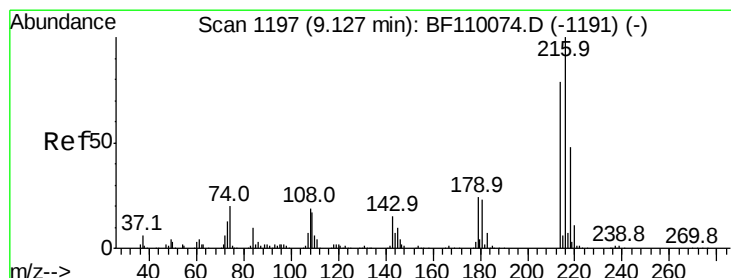
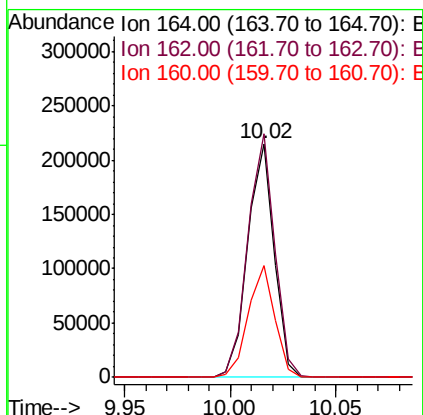
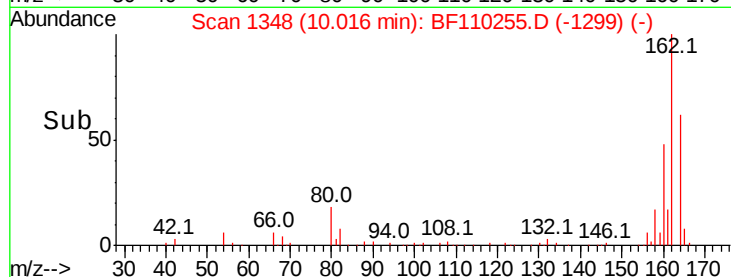
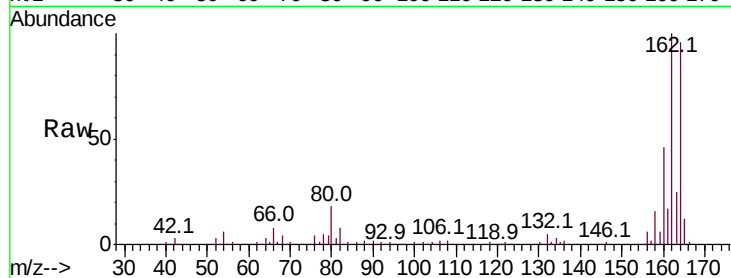
Tot Ion:164 Resp: 188331

Ion Ratio Lower Upper

164 100

162 104.2 83.0 124.6

160 47.9 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.240 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Tgt Ion:216 Resp: 247863

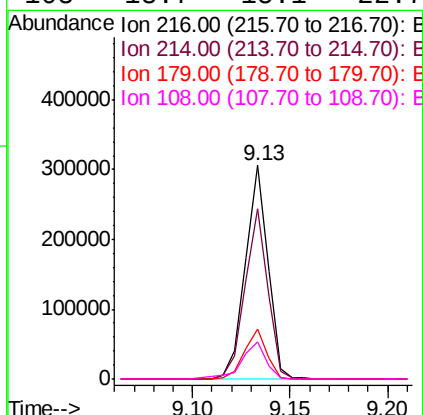
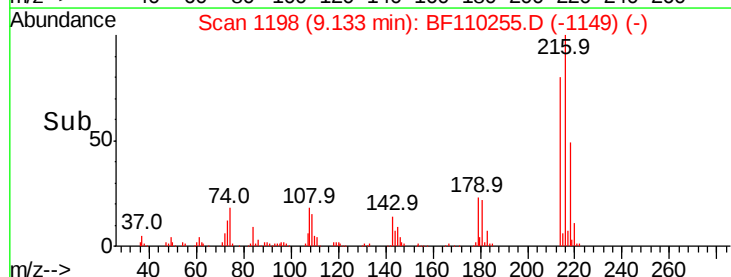
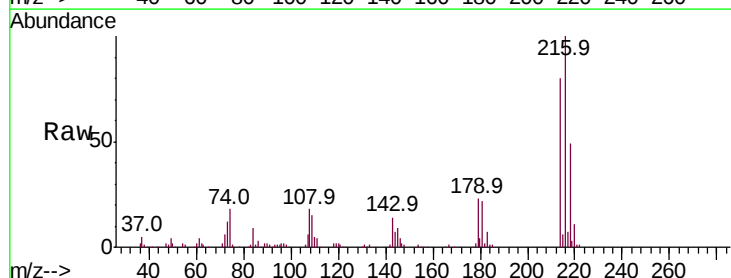
Ion Ratio Lower Upper

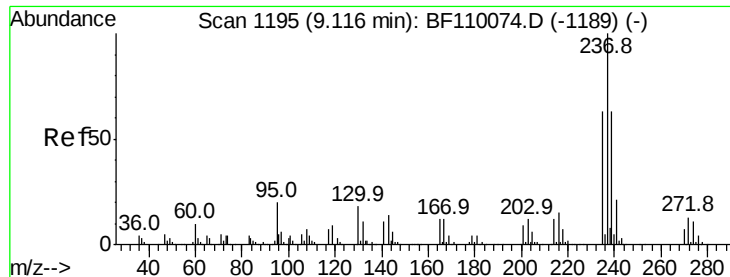
216 100

214 79.0 63.8 95.6

179 22.7 16.6 25.0

108 18.7 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 28.700 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

ClientSampled :

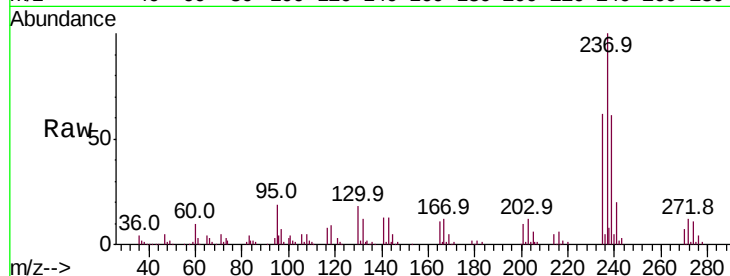
Tot Ion:237 Resp: 86116

Ion Ratio Lower Upper

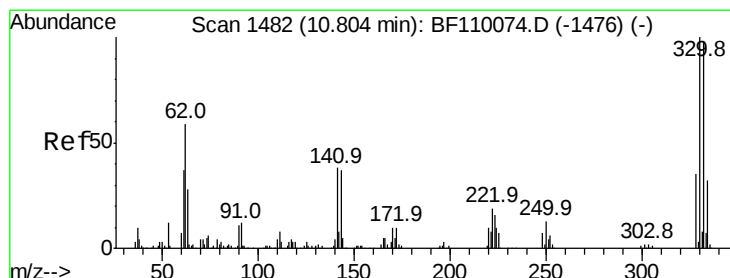
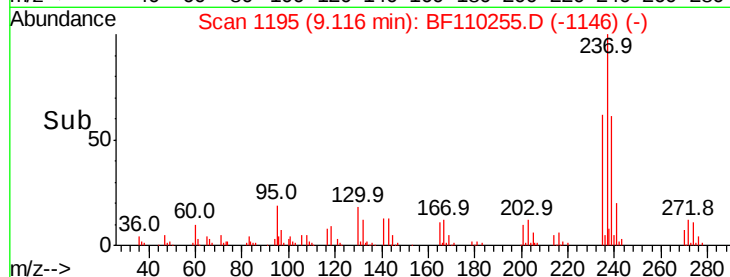
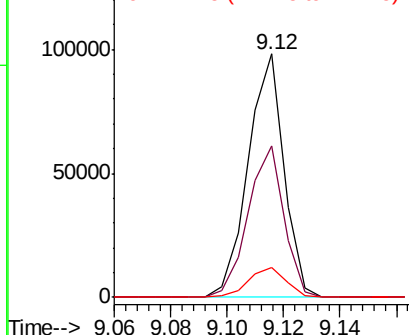
237 100

235 62.0 43.1 83.1

272 12.1 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 130.219 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

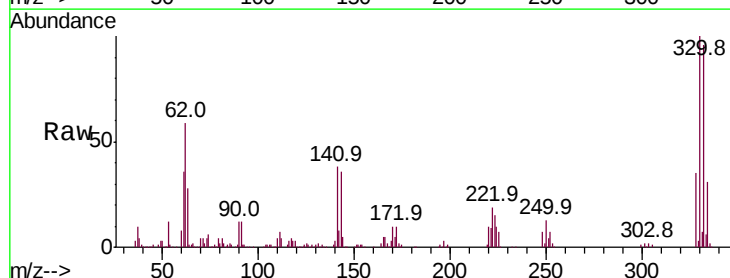
Tgt Ion:330 Resp: 242930

Ion Ratio Lower Upper

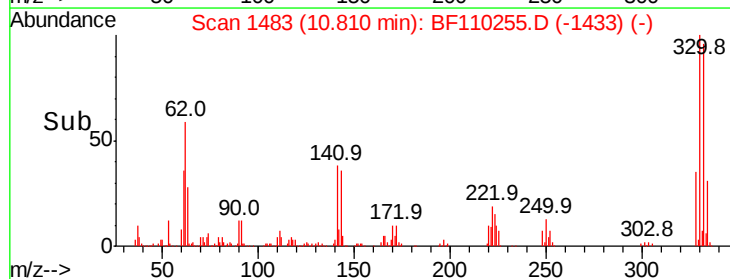
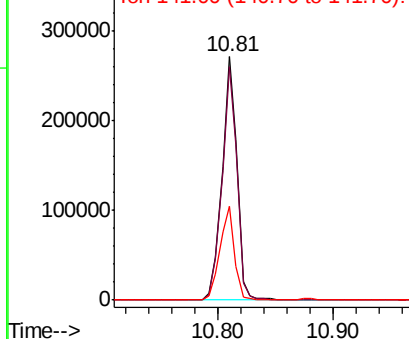
330 100

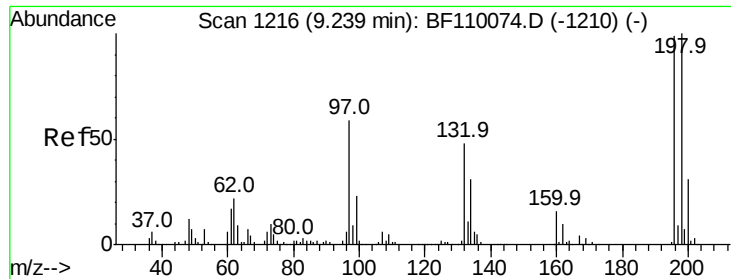
332 96.1 77.1 115.7

141 37.6 27.0 40.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

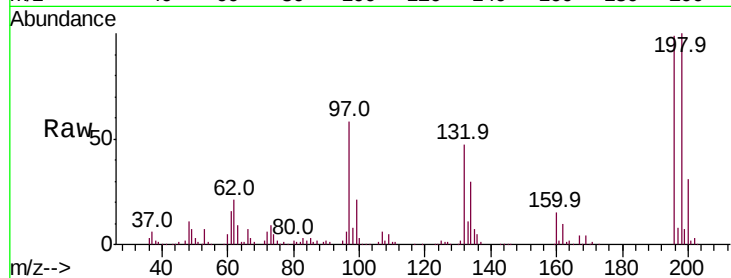




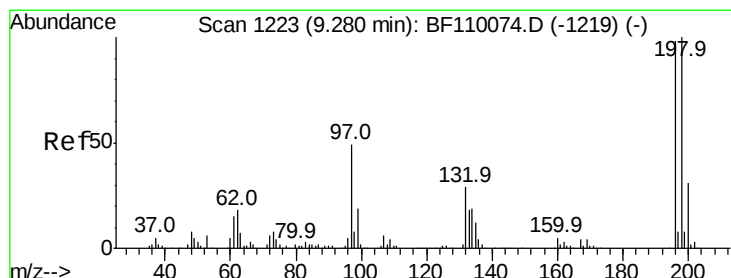
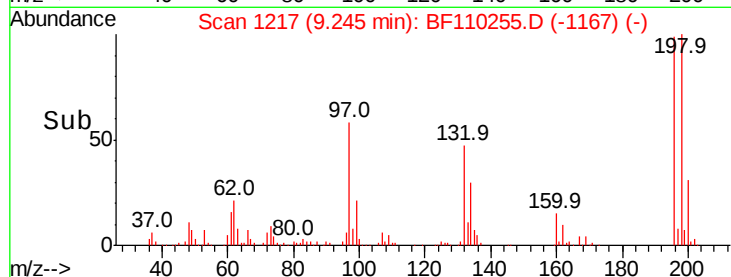
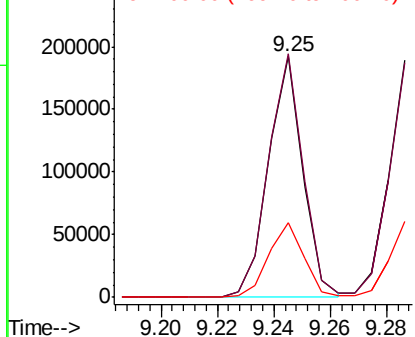
#43
 2,4,6-Trichlorophenol
 Concen: 43.152 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 163322
 Ion Ratio Lower Upper
 196 100
 198 101.1 76.2 114.4
 200 31.2 24.4 36.6

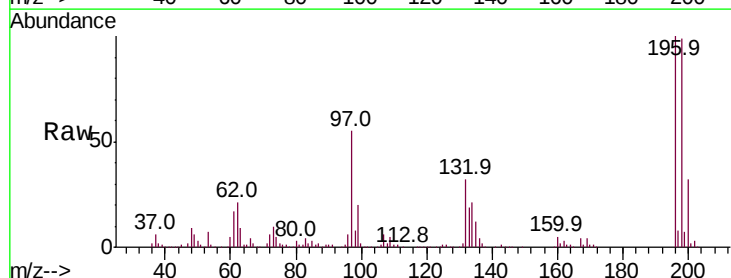


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

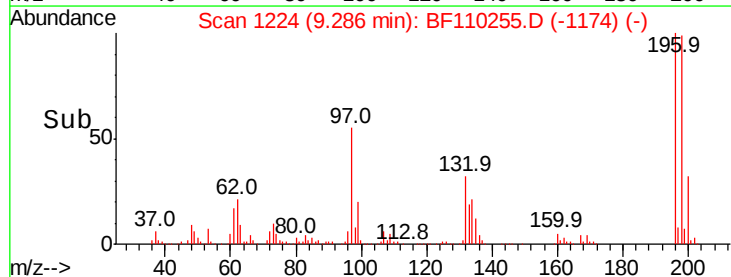
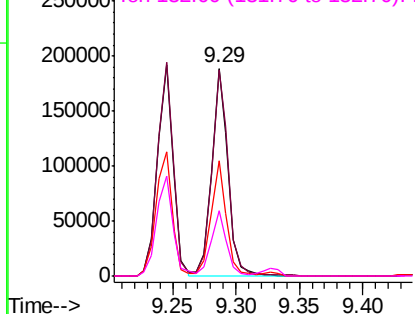


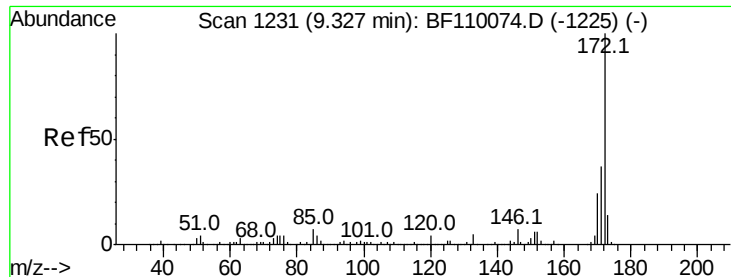
#44
 2,4,5-Trichlorophenol
 Concen: 43.169 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Tgt Ion:196 Resp: 172704
 Ion Ratio Lower Upper
 196 100
 198 99.0 75.8 113.6
 97 55.4 42.4 63.6
 132 31.7 22.8 34.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E



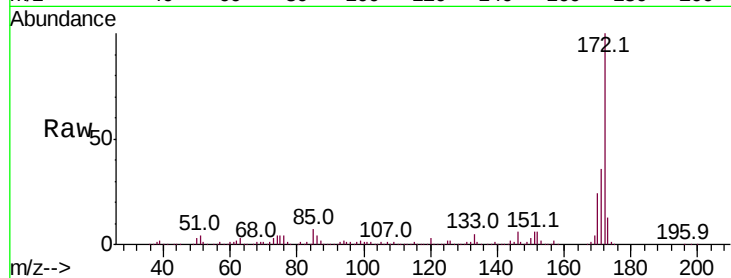


#45
 2-Fluorobiphenyl
 Concen: 106.735 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

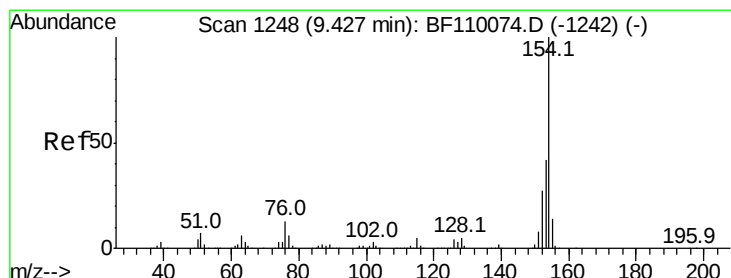
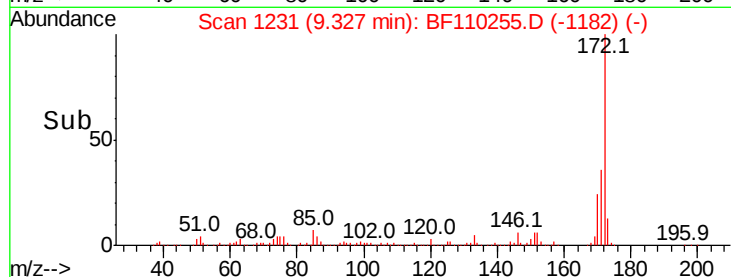
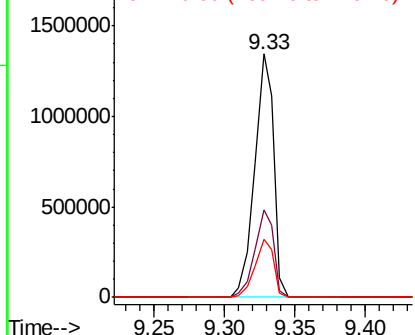
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1280139

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.8	19.7	29.5



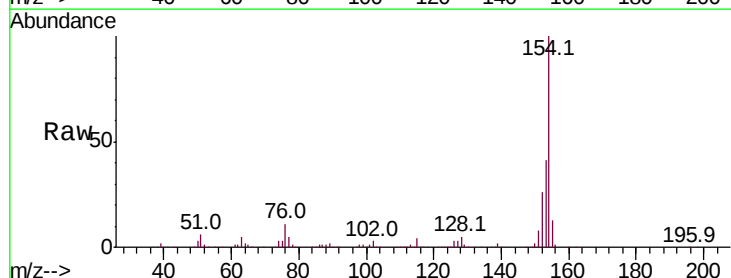
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



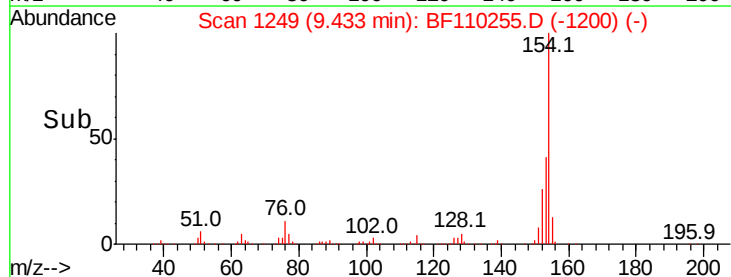
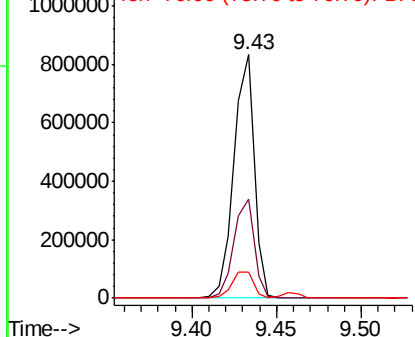
#46
 1,1'-Biphenyl
 Concen: 40.870 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

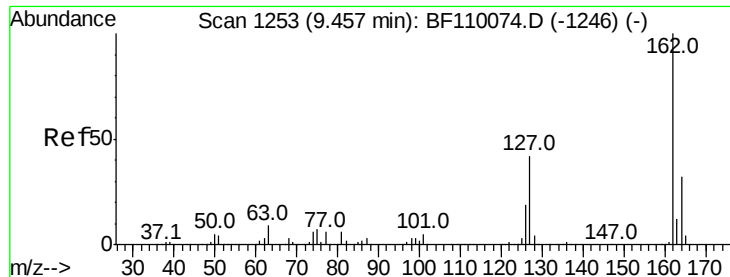
Tgt Ion:154 Resp: 696039

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.4	60.4
76	10.8	0.0	31.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

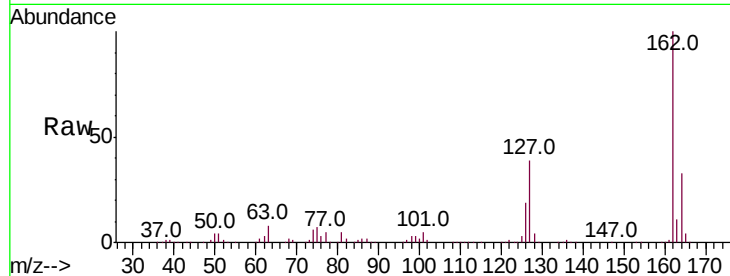




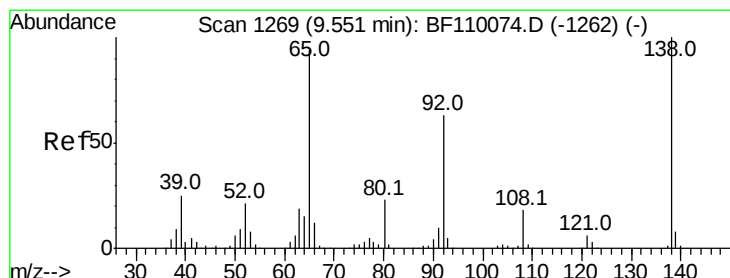
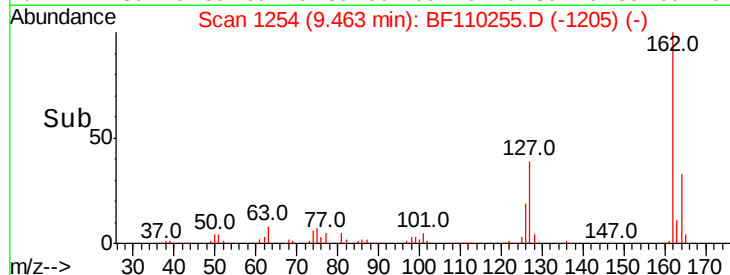
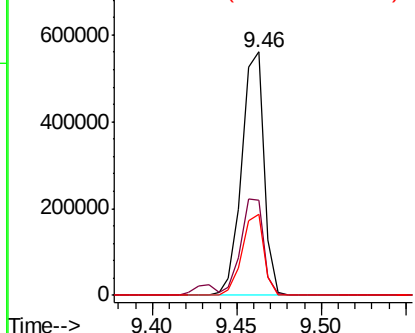
#47
 2-Chloronaphthalene
 Concen: 41.538 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	32.6	48.8
164	33.0	25.9	38.9

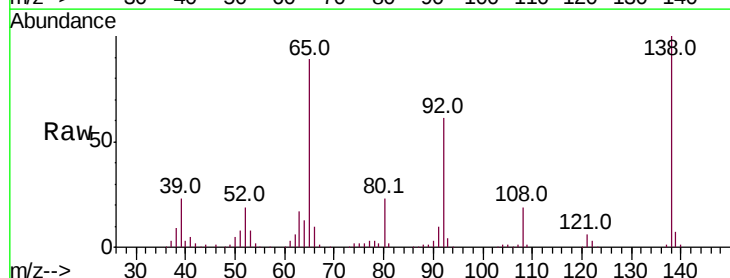


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

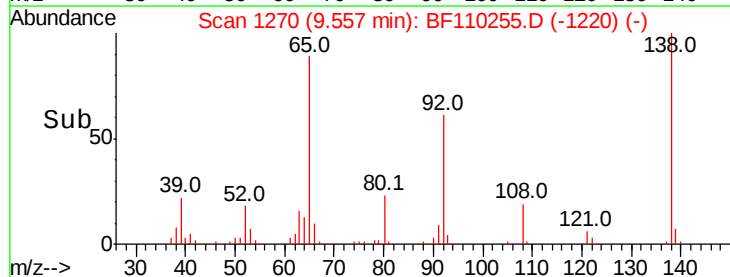
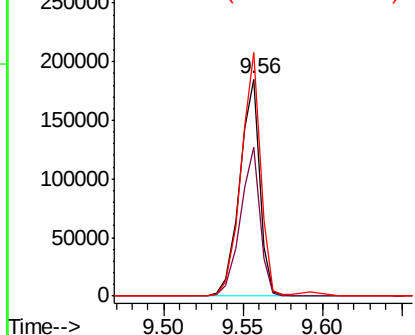


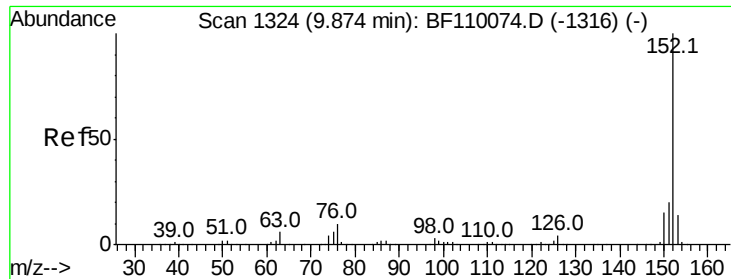
#48
 2-Nitroaniline
 Concen: 42.820 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.7	54.6	81.8
138	112.2	80.3	120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.955 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

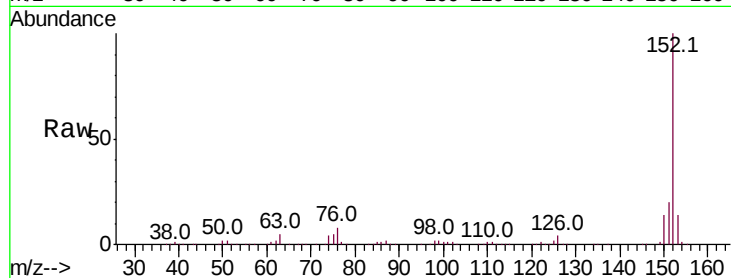
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 775057

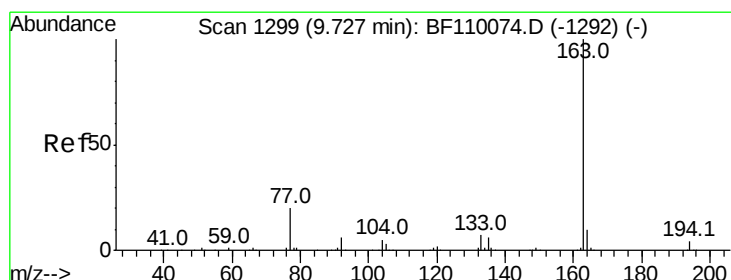
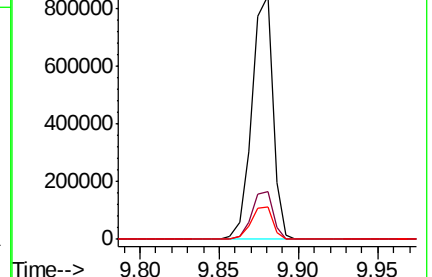
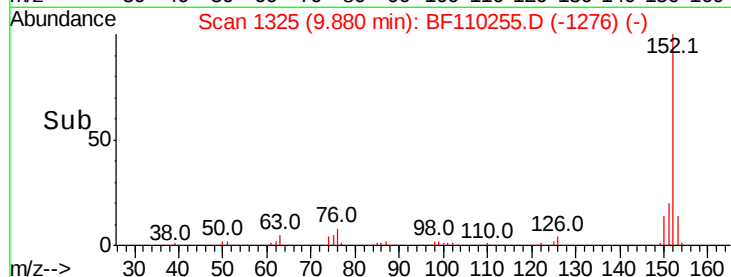
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	13.5	10.4	15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 57.895 ng

RT: 9.73 min Scan# 1299

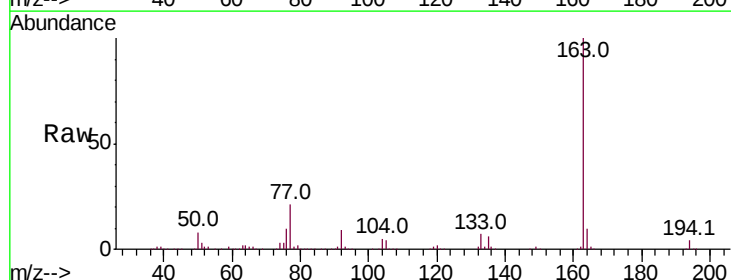
Delta R.T. -0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Tgt Ion:163 Resp: 804866

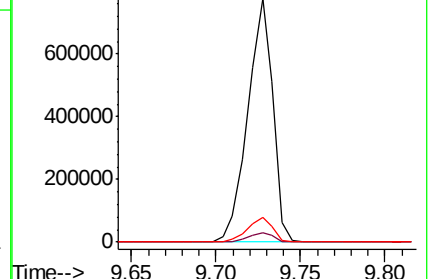
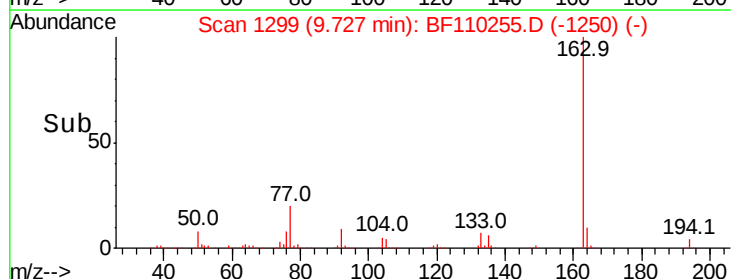
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.3	8.1	12.1

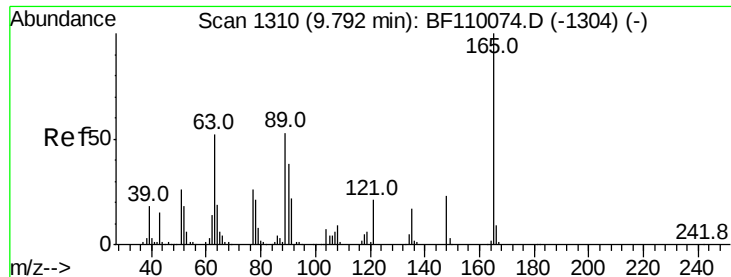


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.329 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

ClientSampleId :

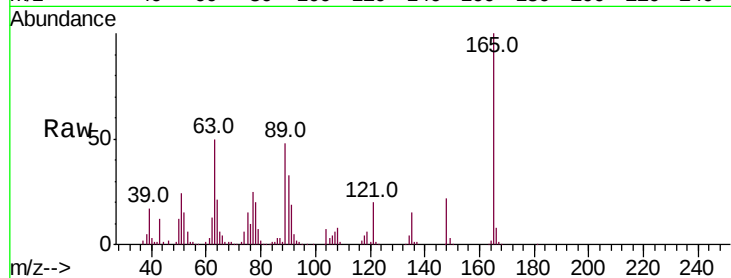
Tot Ion:165 Resp: 129752

Ion Ratio Lower Upper

165 100

63 49.6 48.9 73.3

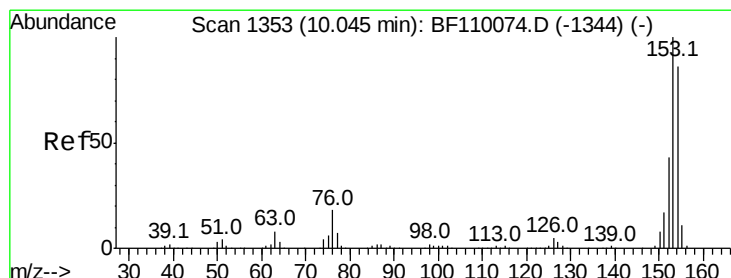
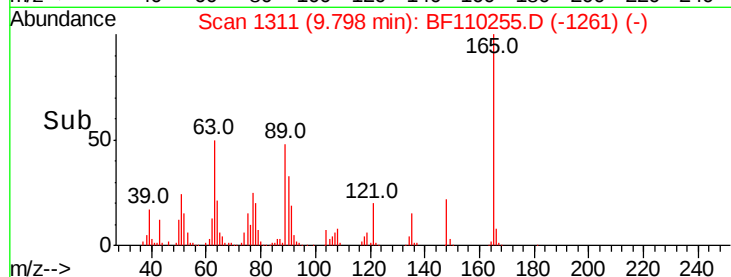
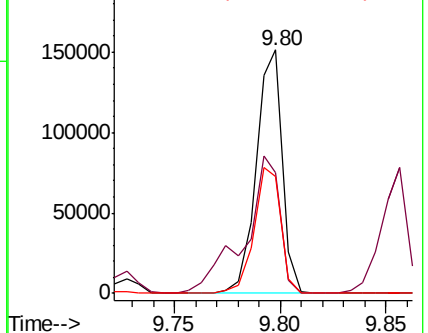
89 47.8 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.409 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

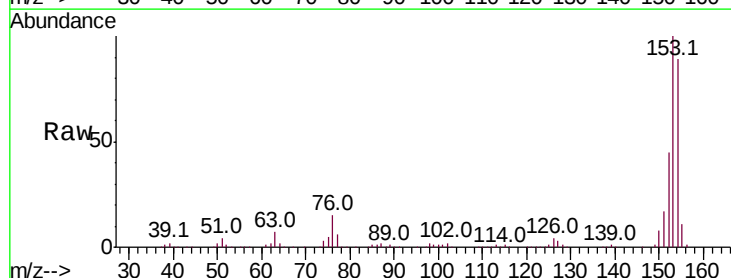
Tgt Ion:154 Resp: 482351

Ion Ratio Lower Upper

154 100

153 112.5 90.1 135.1

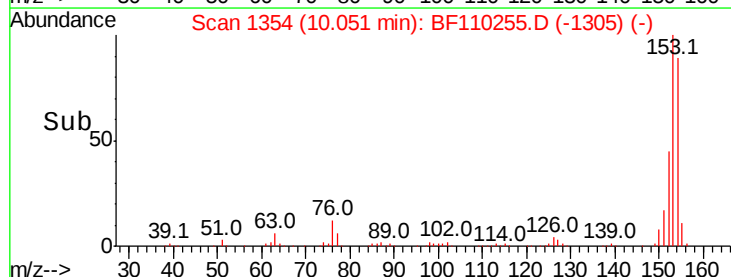
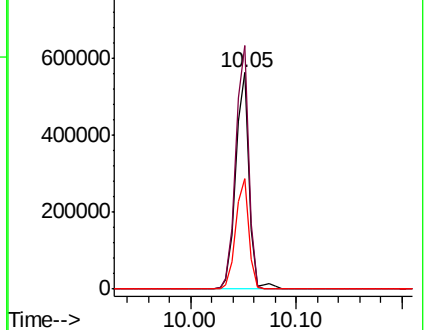
152 50.9 43.4 65.2

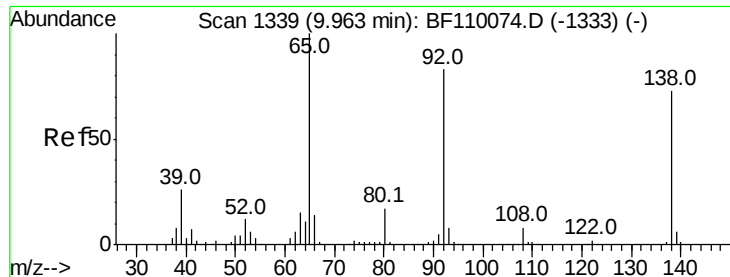


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

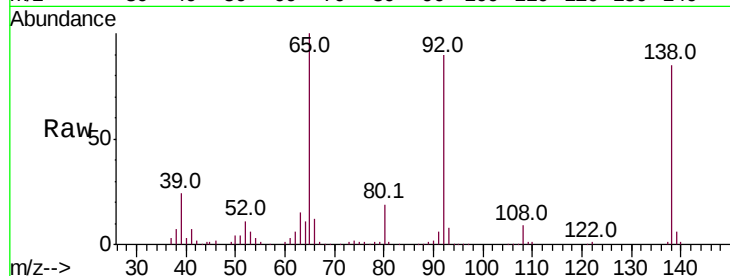




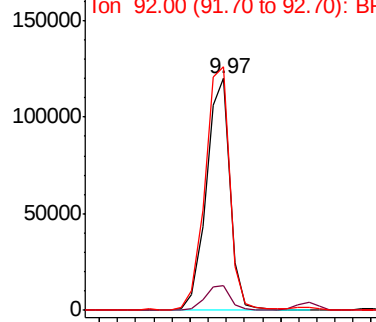
#53
3-Nitroaniline
Concen: 30.611 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Instrument :
BNA_F
ClientSampleId :

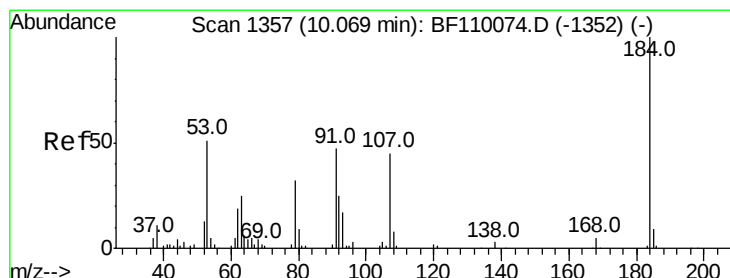
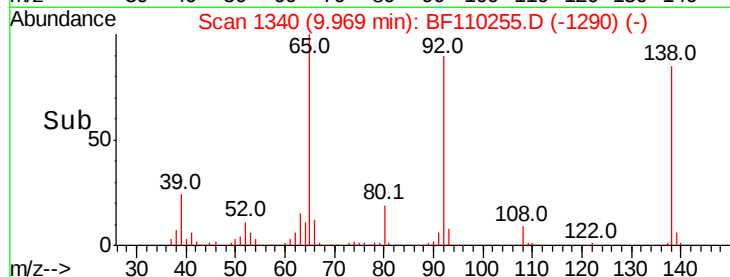
Tot Ion:138 Resp: 109008
Ion Ratio Lower Upper
138 100
108 10.8 8.7 13.1
92 104.9 97.0 145.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

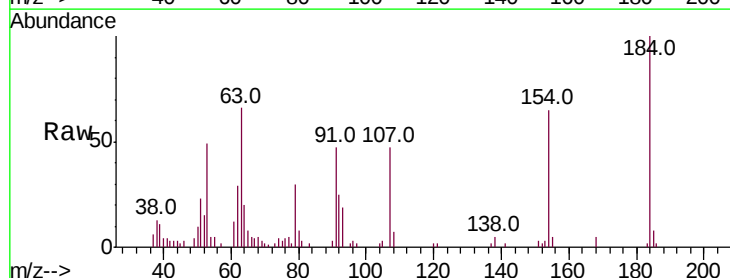


Time-->

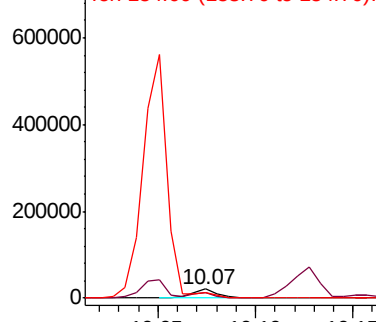


#54
2,4-Dinitrophenol
Concen: 19.855 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

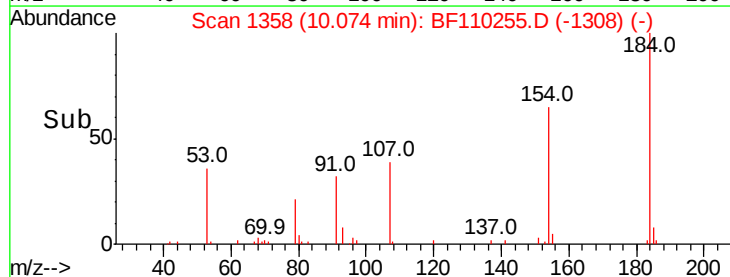
Tgt Ion:184 Resp: 18653
Ion Ratio Lower Upper
184 100
63 66.2 55.8 83.6
154 65.4 63.2 94.8

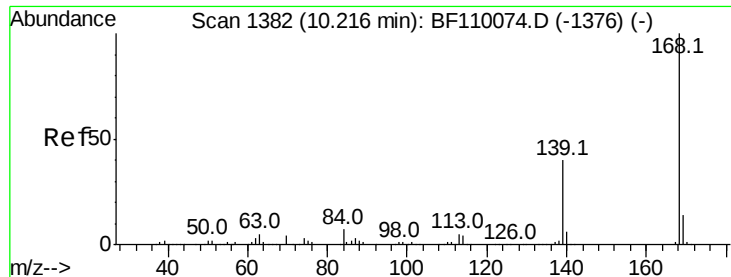


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E



Time-->





#55

Dibenzofuran

Concen: 40.257 ng

RT: 10.22 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

ClientSampleId :

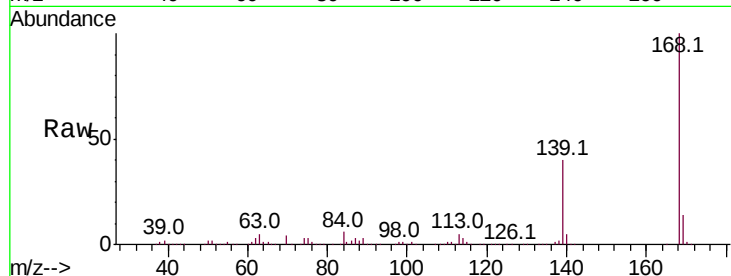
Tot Ion:168 Resp: 672787

Ion Ratio Lower Upper

168 100

139 39.5 33.0 49.6

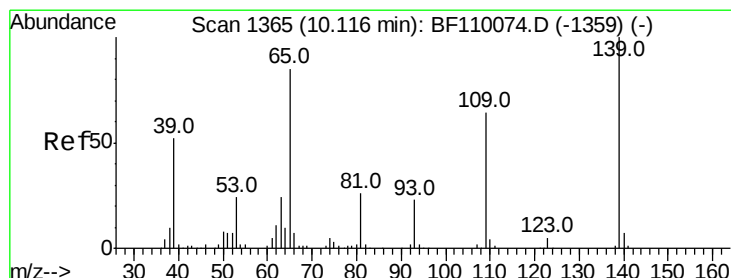
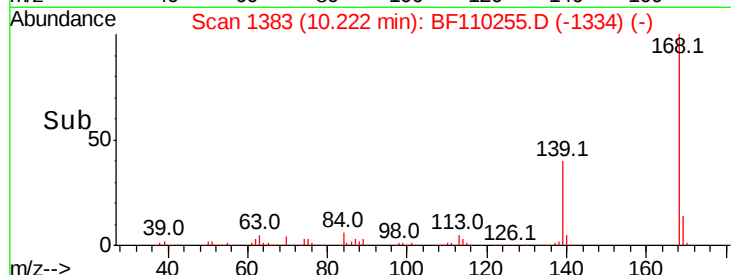
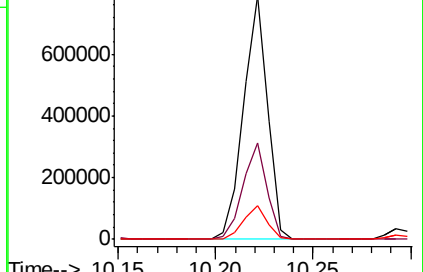
169 13.7 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 95.928 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

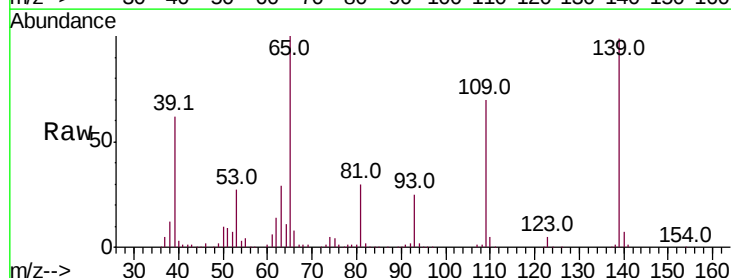
Tgt Ion:139 Resp: 252833

Ion Ratio Lower Upper

139 100

109 71.2 55.8 95.8

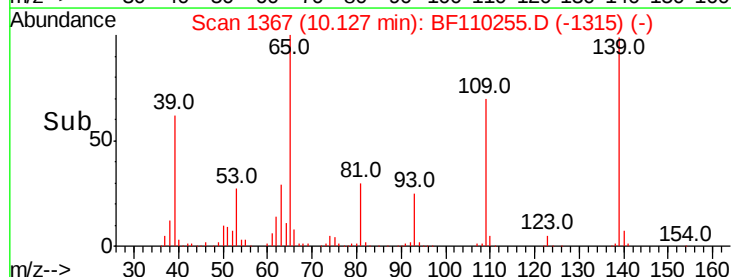
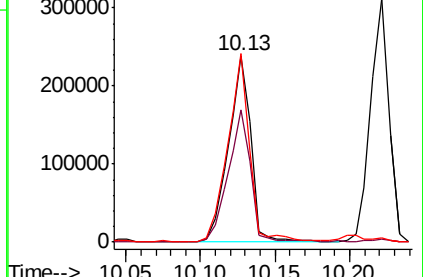
65 101.2 77.9 117.9

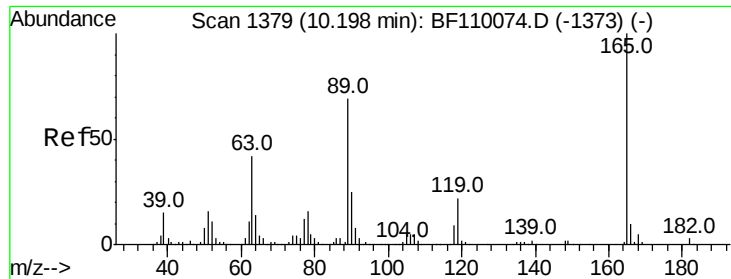


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

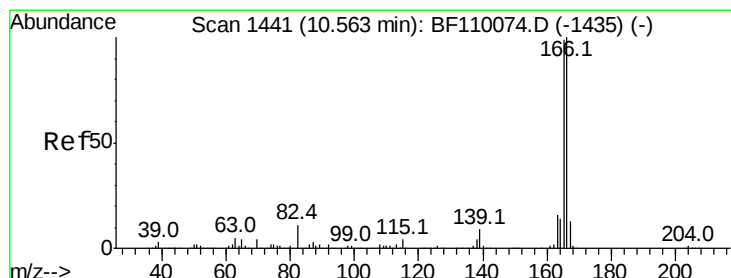
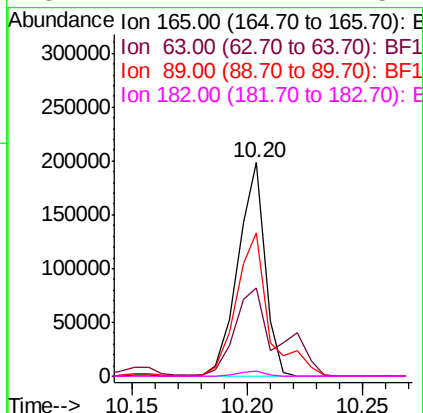
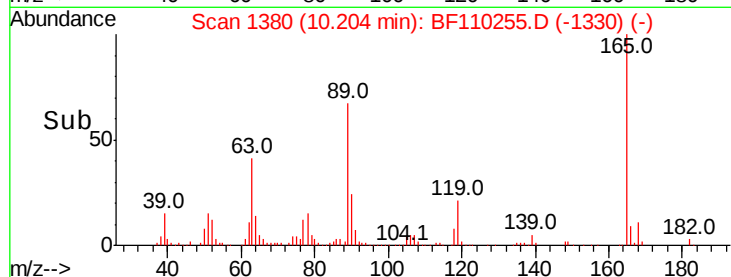
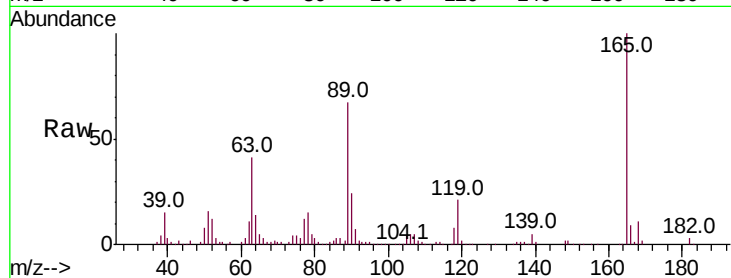




#57
 2,4-Dinitrotoluene
 Concen: 42.729 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

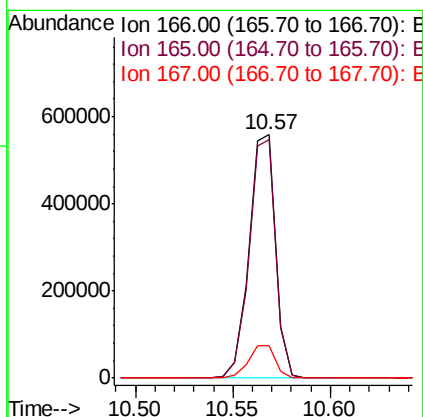
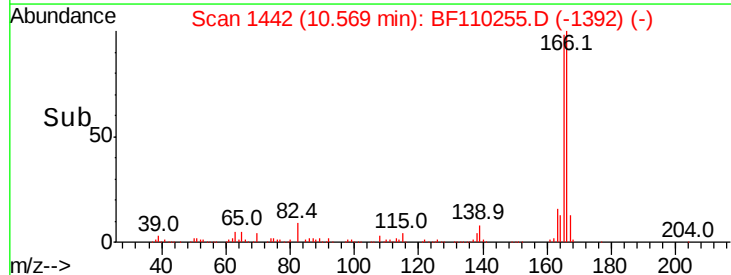
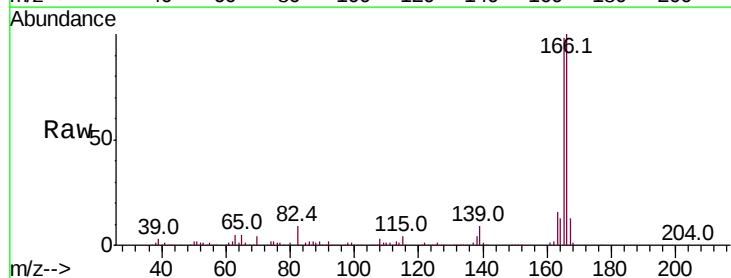
Instrument :
 BNA_F
 ClientSampled :

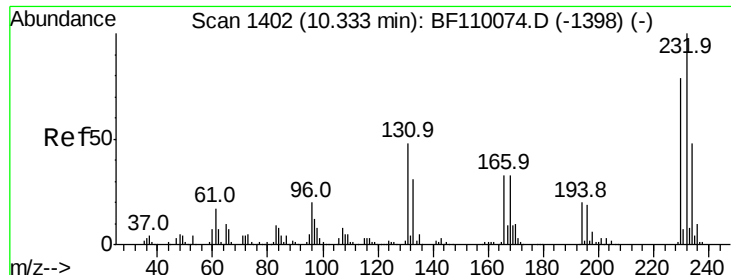
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.2	44.8	67.2#
89	67.1	62.2	93.4
182	2.7	2.1	3.1



#58
 Fluorene
 Concen: 41.960 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.6	117.8
167	13.1	10.8	16.2

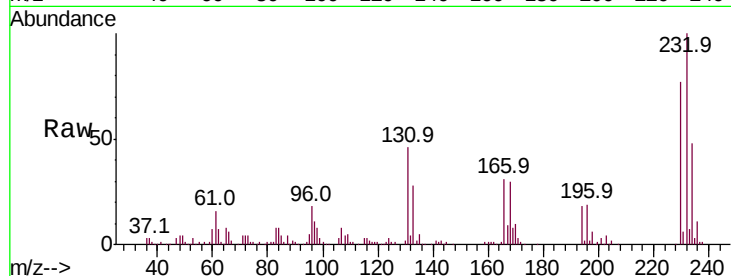




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.266 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.9	37.0	55.4
130	2.3	1.8	2.6
166	32.9	22.0	33.0



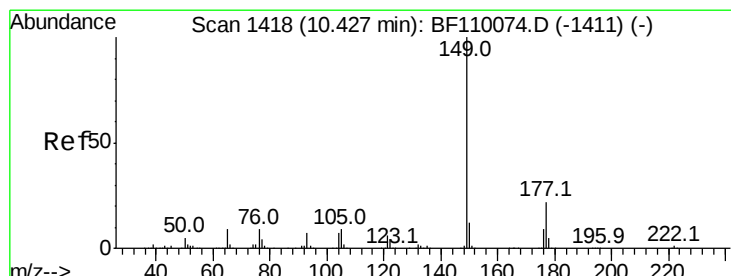
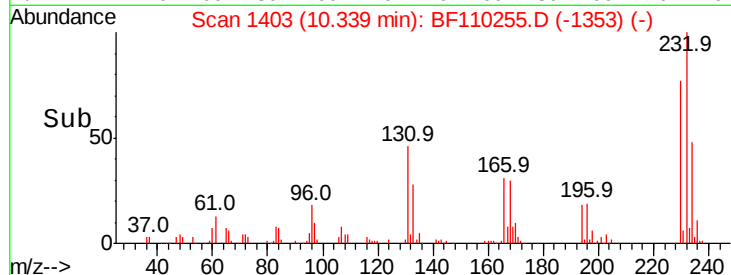
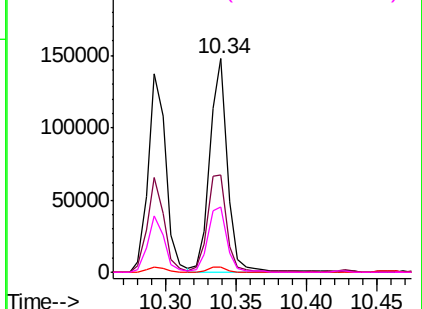
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

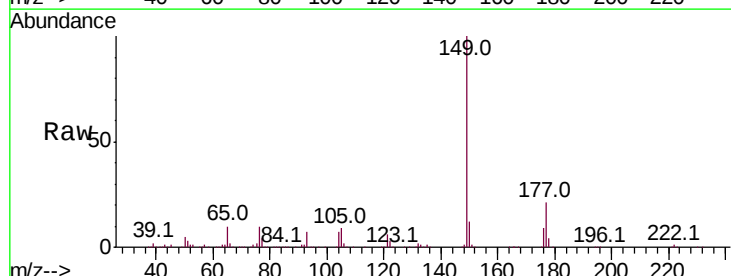
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 42.420 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.4	26.2
150	12.4	9.8	14.8

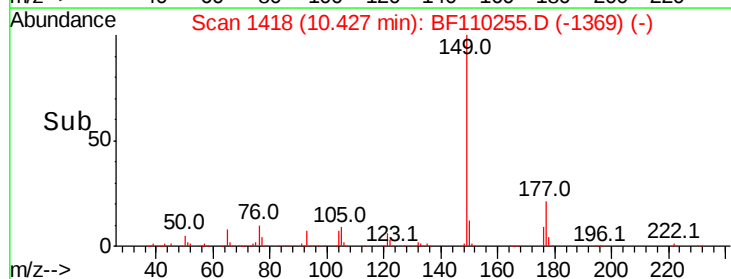
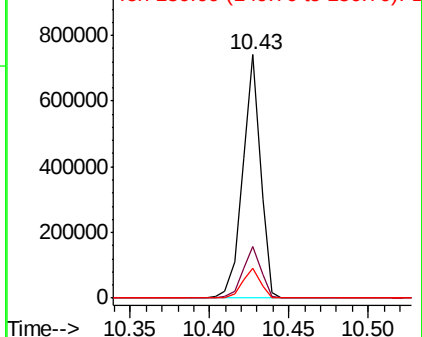


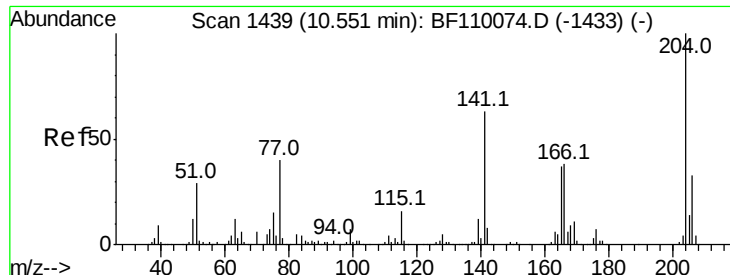
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

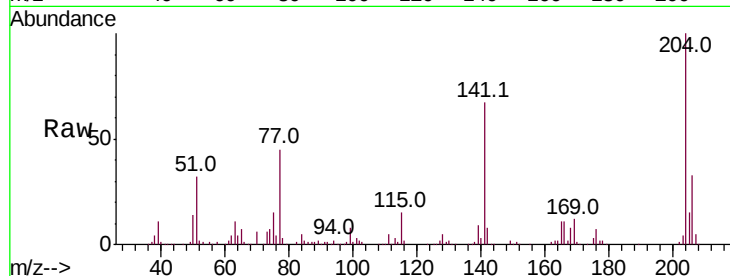




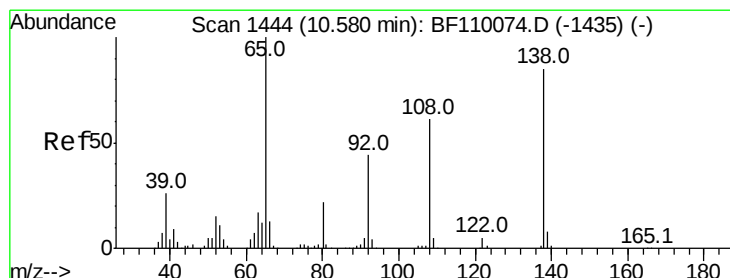
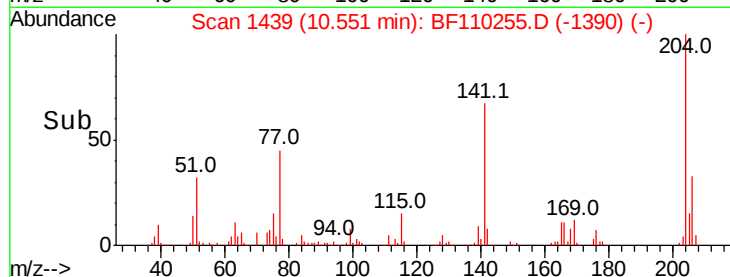
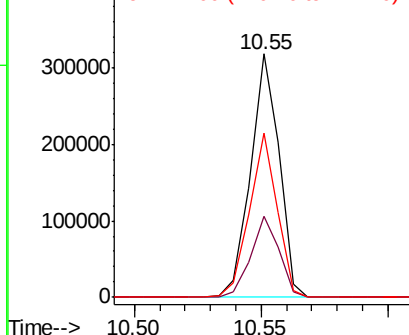
#61
4-Chlorophenyl-phenylether
Concen: 37.996 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 249314
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 67.4 51.8 77.8

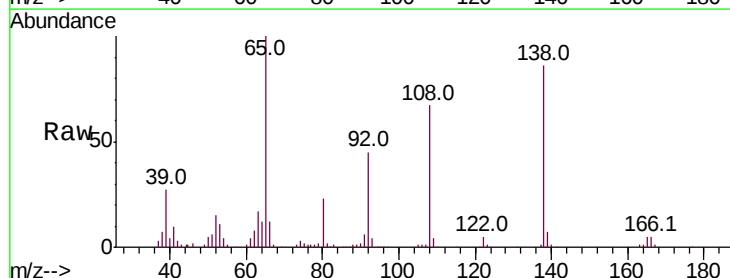


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

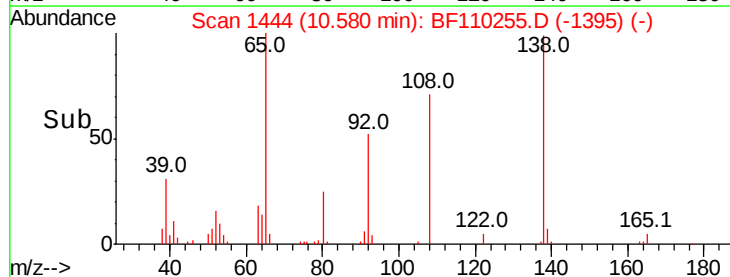
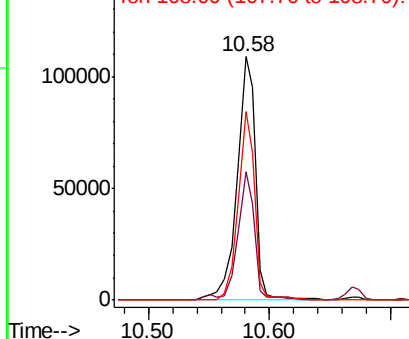


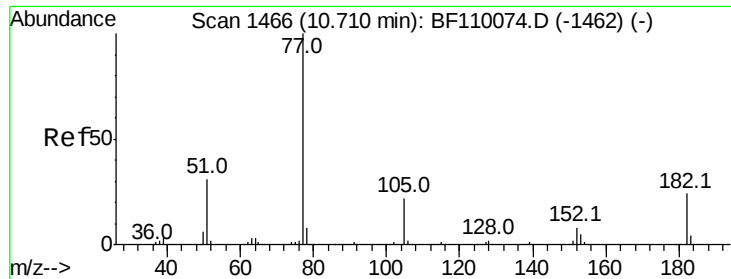
#62
4-Nitroaniline
Concen: 32.758 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion:138 Resp: 116024
Ion Ratio Lower Upper
138 100
92 52.5 31.7 71.7
108 77.3 59.3 99.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 38.745 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 521909

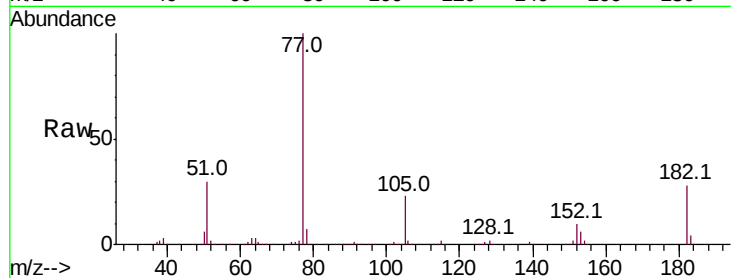
Ion Ratio Lower Upper

77 100

182 27.6 4.3 44.3

105 23.1 1.3 41.3

51 29.8 9.0 49.0

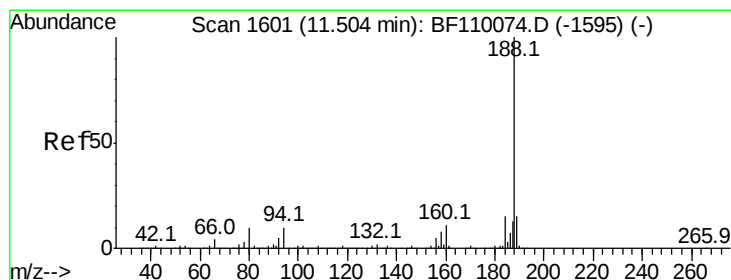
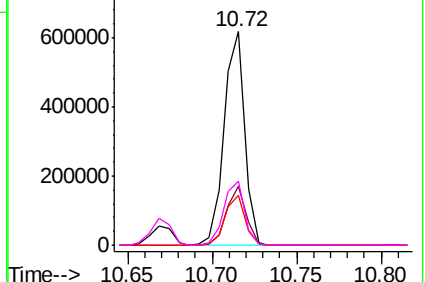
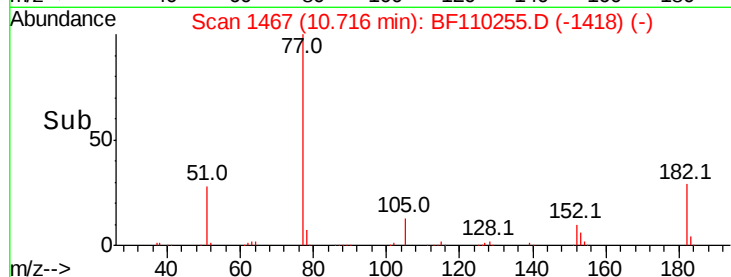


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

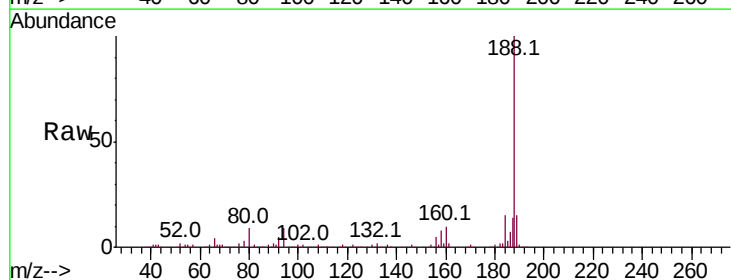
Tgt Ion: 188 Resp: 285522

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

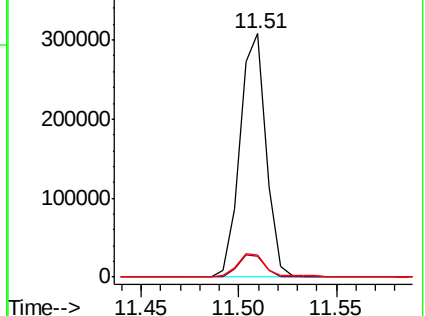
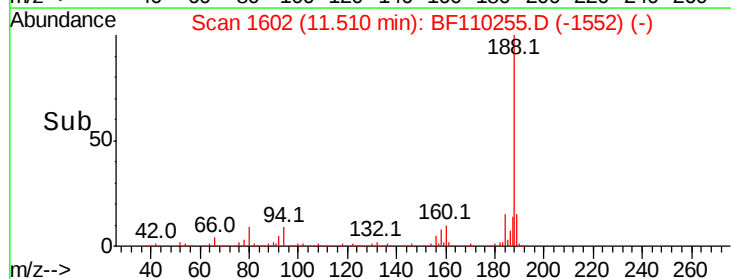
80 9.3 7.9 11.9

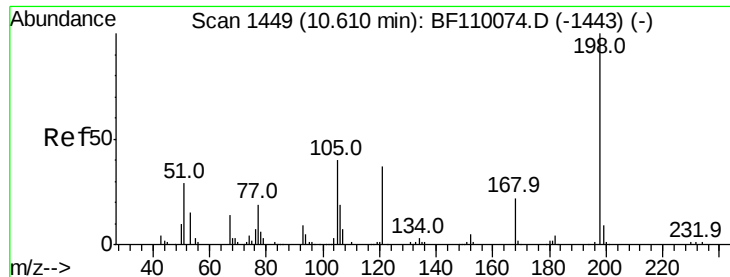


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

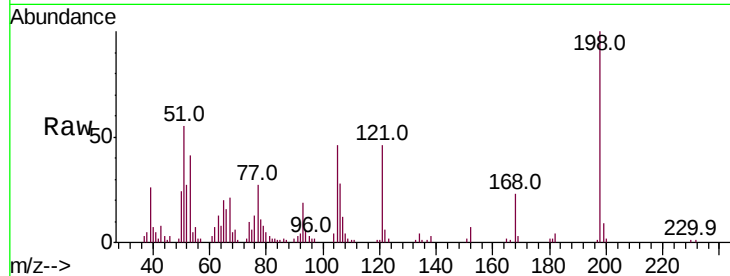




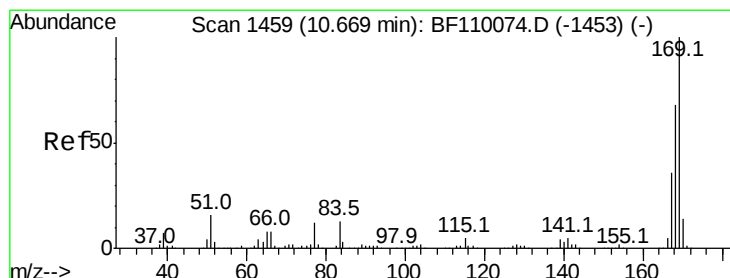
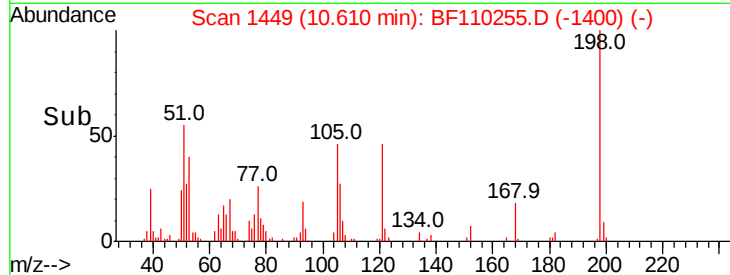
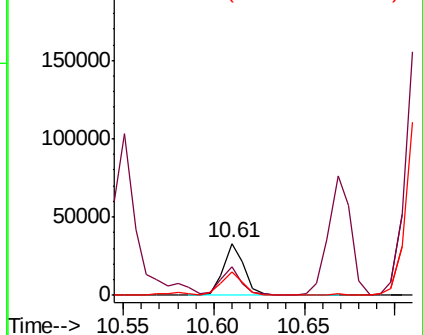
#65
 4,6-Dinitro-2-methylphenol
 Concen: 20.463 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 26693
 Ion Ratio Lower Upper
 198 100
 51 55.4 22.8 62.8
 105 45.9 23.6 63.6

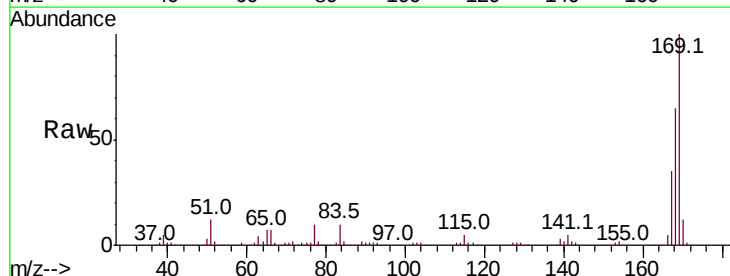


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

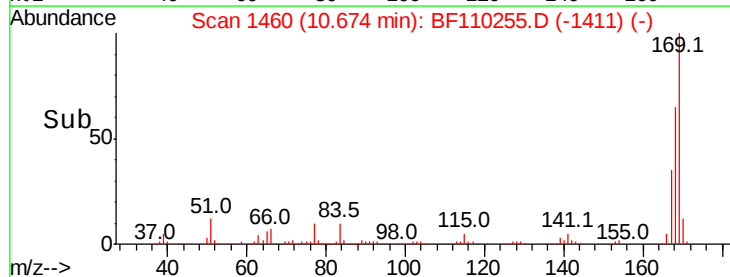
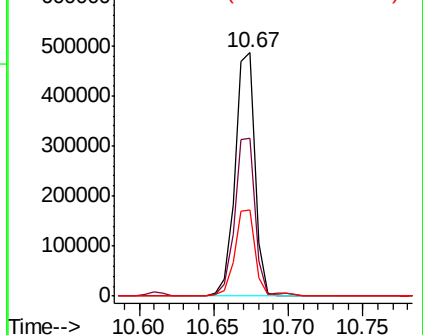


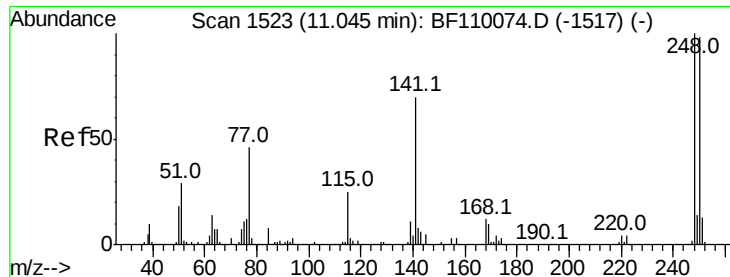
#66
 n-Nitrosodiphenylamine
 Concen: 48.649 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Tgt Ion:169 Resp: 455606
 Ion Ratio Lower Upper
 169 100
 168 65.0 51.2 76.8
 167 35.3 27.8 41.6



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

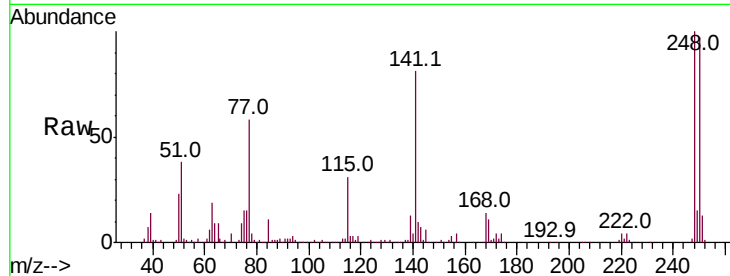




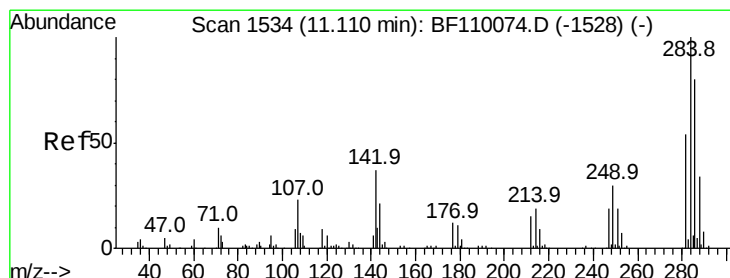
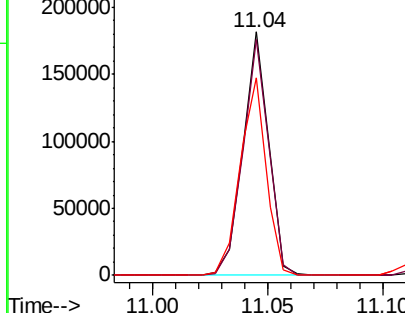
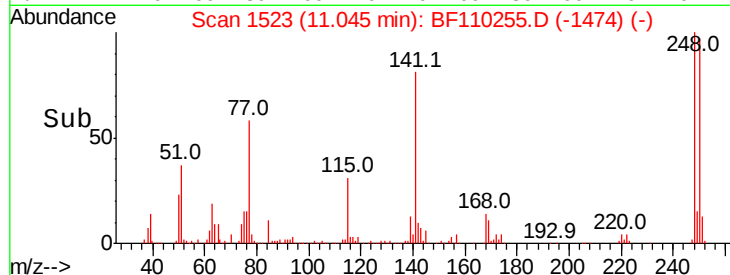
#67
 4-Bromophenyl-phenylether
 Concen: 45.597 ng
 RT: 11.04 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 141217
 Ion Ratio Lower Upper
 248 100
 250 96.9 79.4 119.2
 141 81.0 55.9 83.9

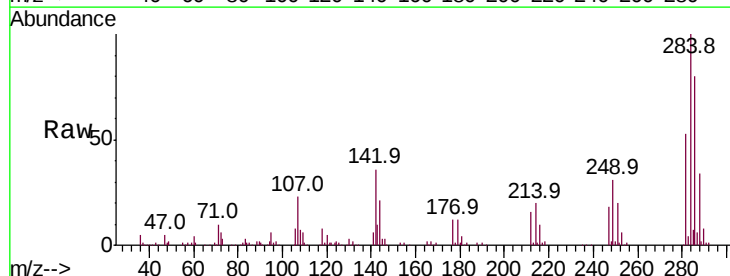


Abundance Ion 248.00 (247.70 to 248.70): E
 250000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

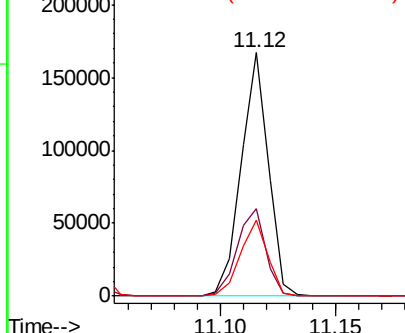
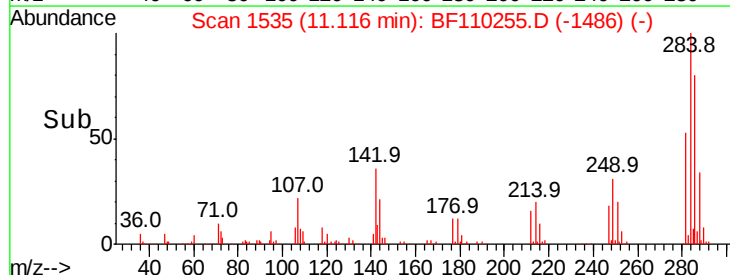


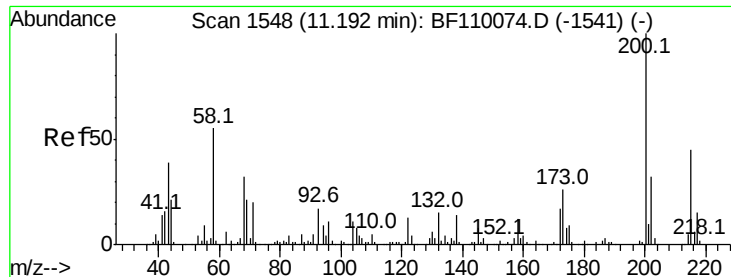
#68
 Hexachlorobenzene
 Concen: 41.760 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Tgt Ion:284 Resp: 137228
 Ion Ratio Lower Upper
 284 100
 142 36.1 23.9 35.9#
 249 31.4 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E
 200000 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

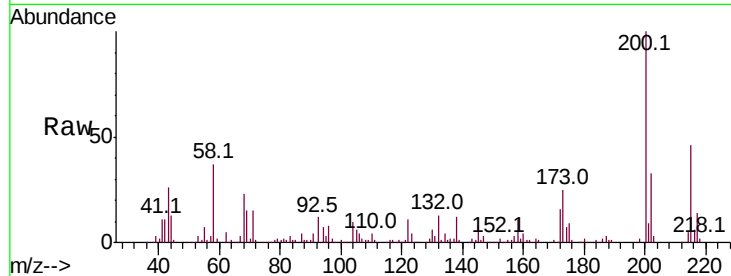




#69
Atrazine
Concen: 47.110 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.8	6.6	46.6
215	46.3	26.3	66.3

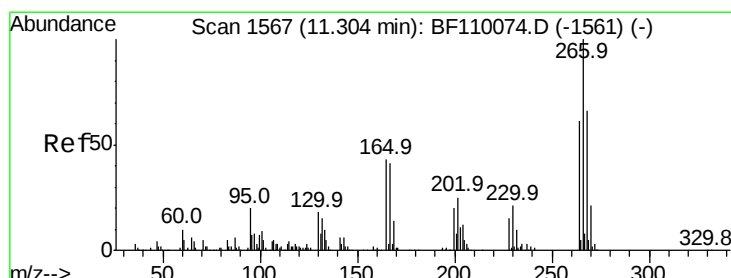
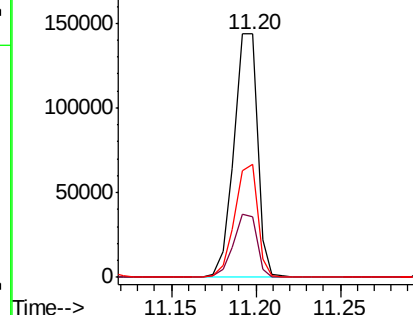
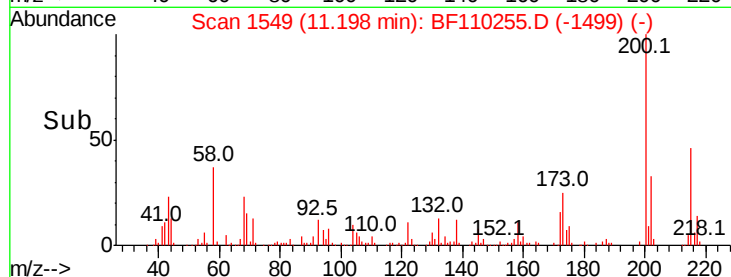


Abundance

Ion 200.00 (199.70 to 200.70): E

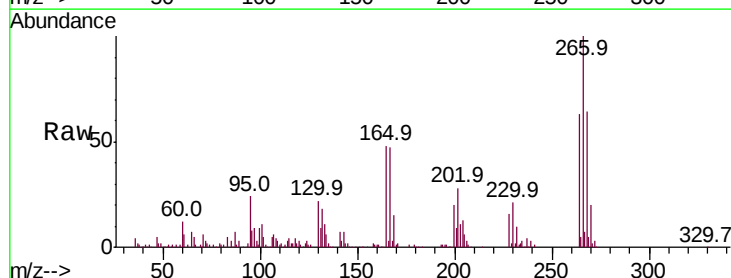
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 66.619 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	50.6	75.8
264	63.2	50.6	75.8

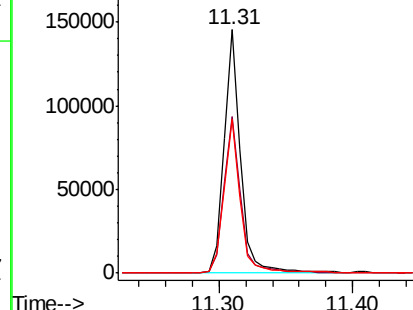
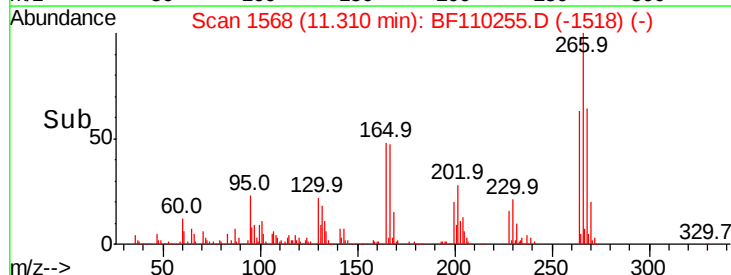


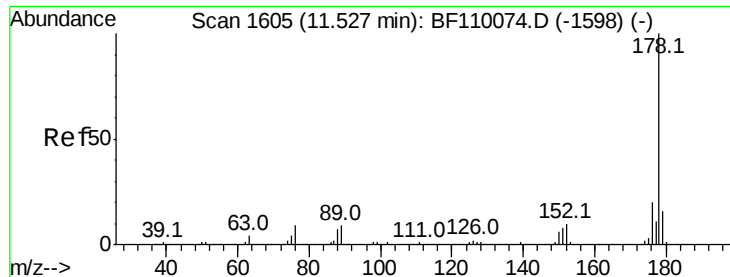
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

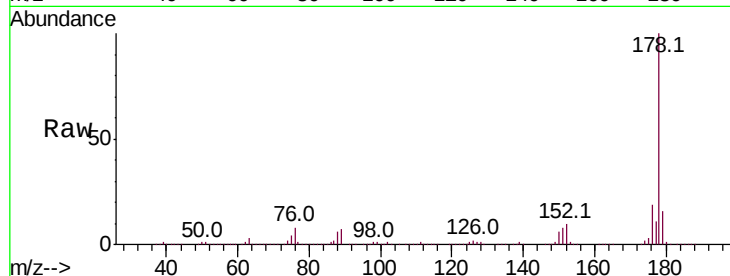




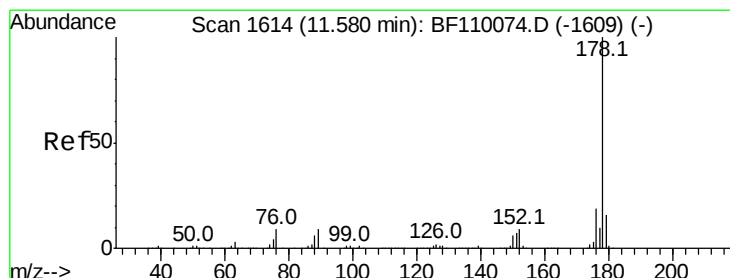
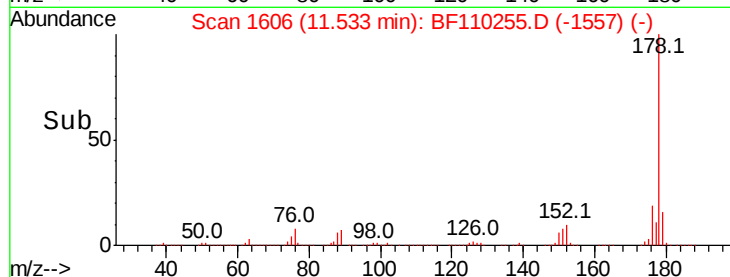
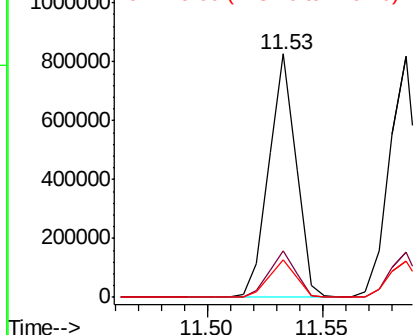
#71
Phenanthrene
Concen: 45.452 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 679048
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.6 12.5 18.7

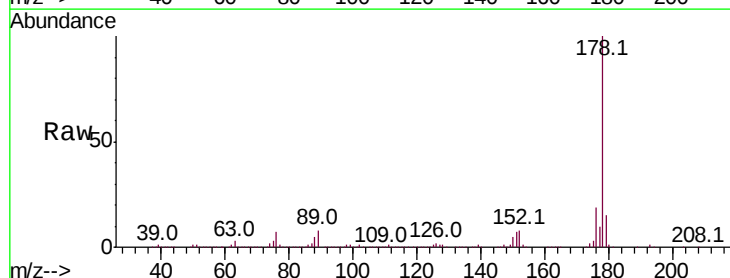


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

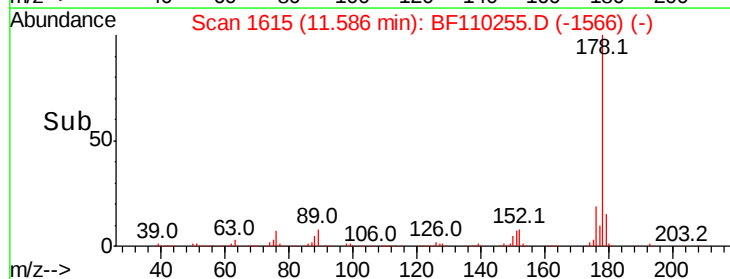
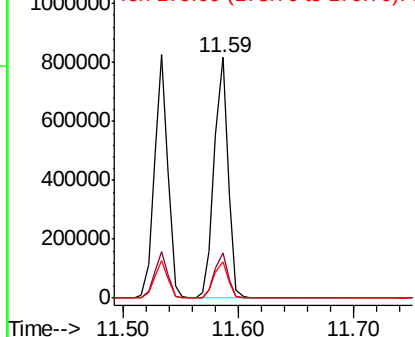


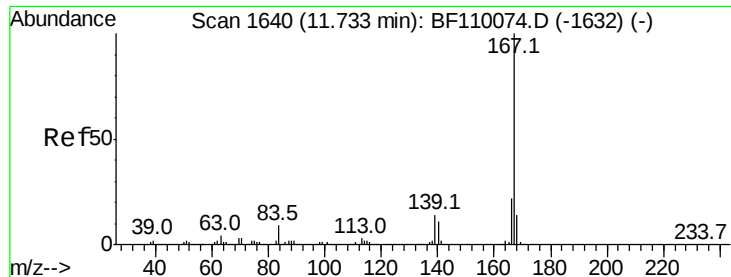
#72
Anthracene
Concen: 45.761 ng
RT: 11.59 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion:178 Resp: 685256
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.1 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

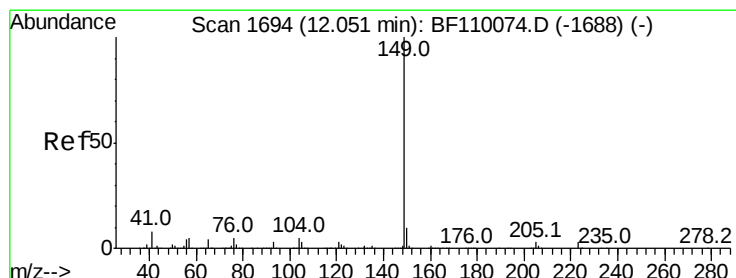
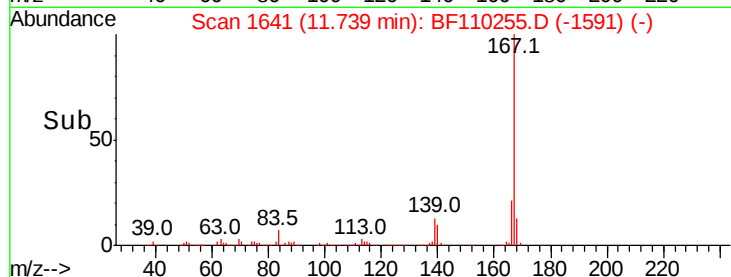
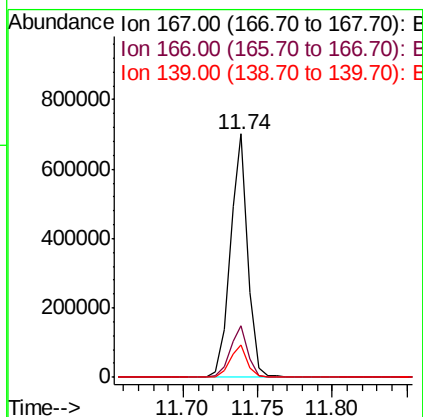
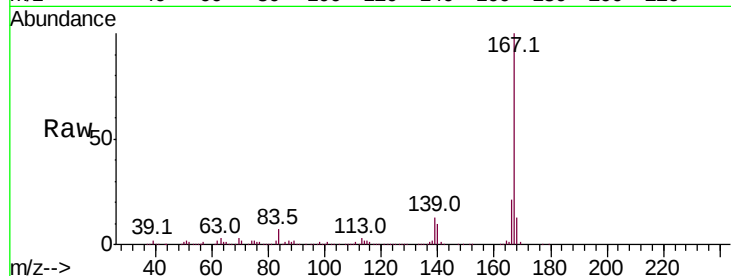




#73
 Carbazole
 Concen: 39.563 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

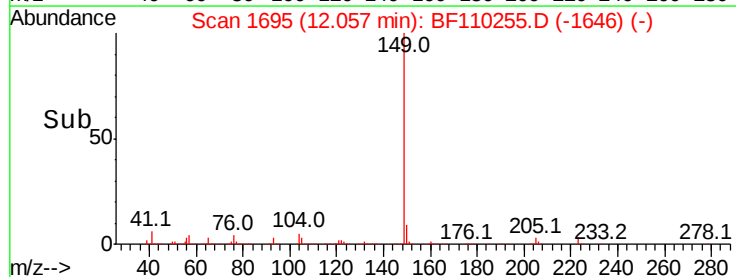
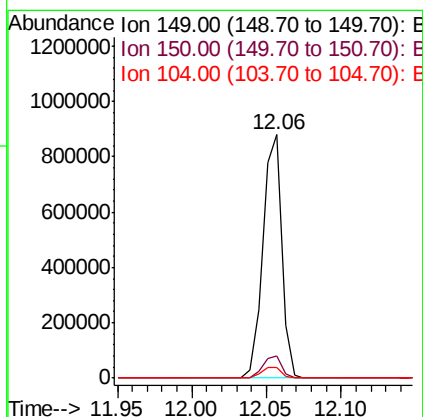
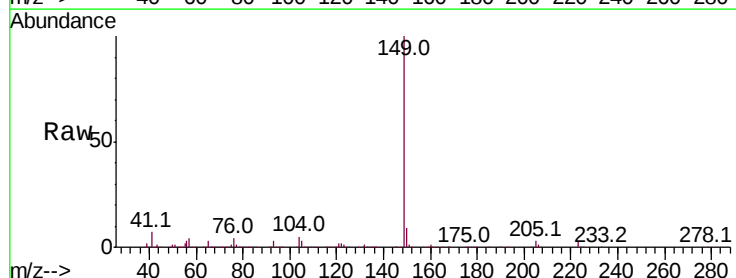
Instrument :
 BNA_F
 ClientSampleId :

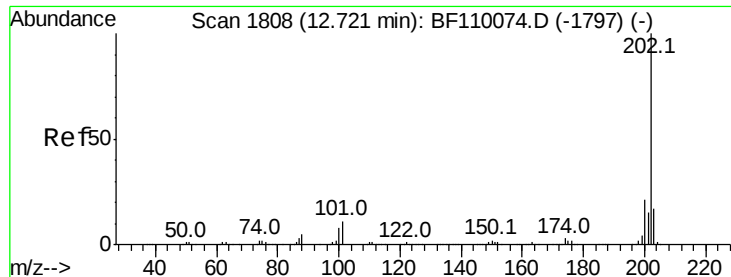
Tot Ion:167 Resp: 578453
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.4 26.0
 139 13.5 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 45.922 ng
 RT: 12.06 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Tgt Ion:149 Resp: 758330
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 4.6 4.2 6.4

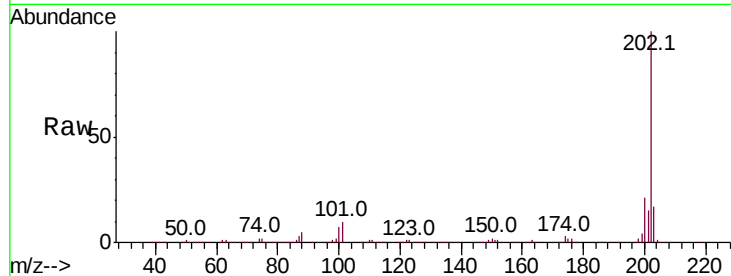




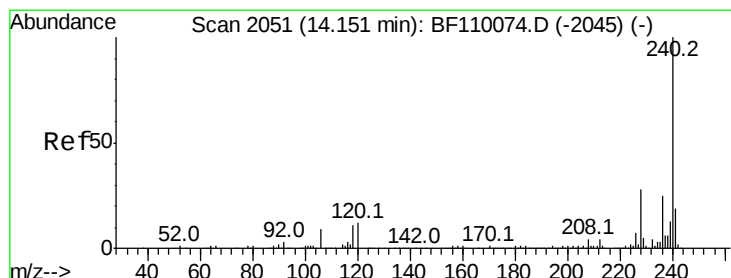
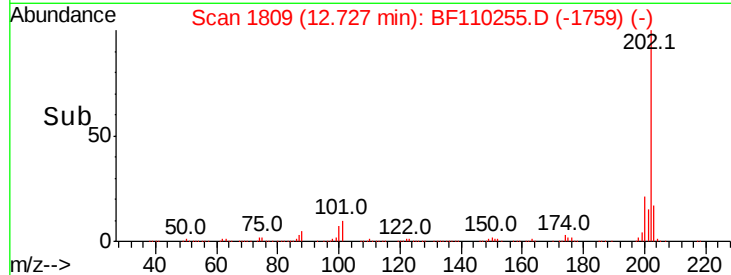
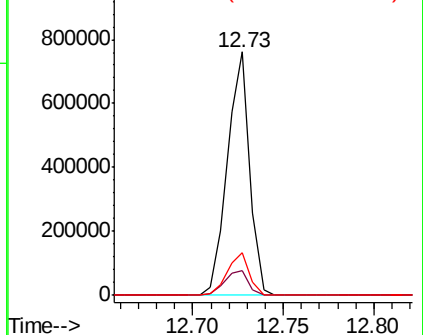
#75
 Fluoranthene
 Concen: 43.160 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 654394
 Ion Ratio Lower Upper
 202 100
 101 10.0 0.0 31.4
 203 17.3 0.0 37.7

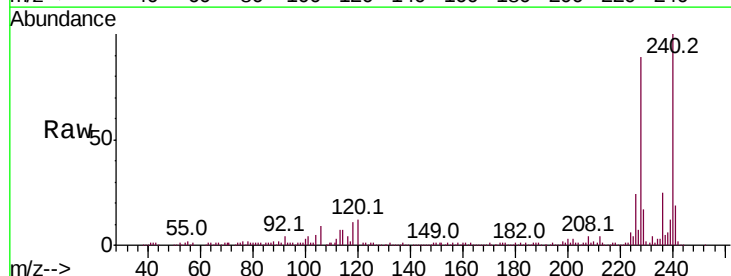


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

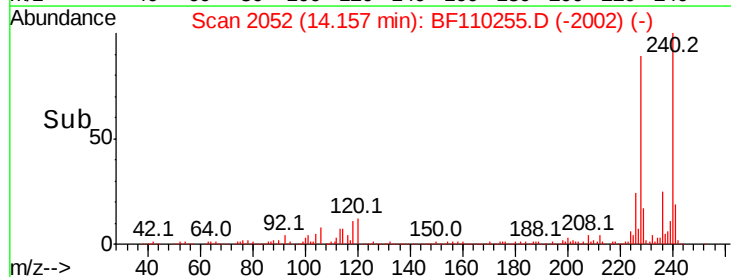
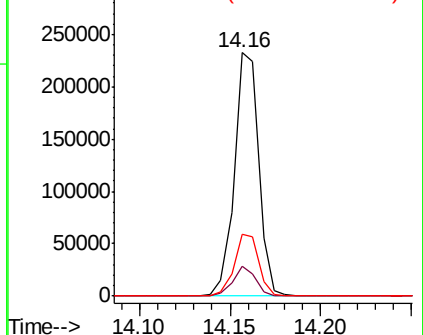


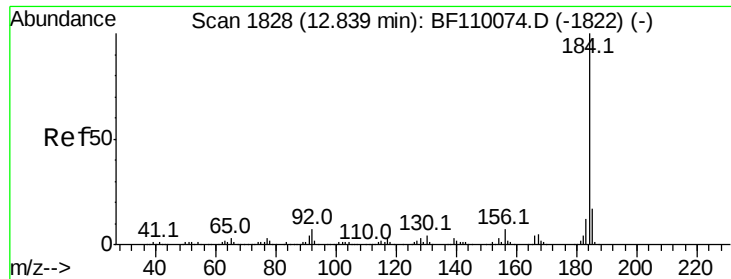
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Tgt Ion:240 Resp: 218192
 Ion Ratio Lower Upper
 240 100
 120 12.4 8.3 12.5
 236 25.2 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

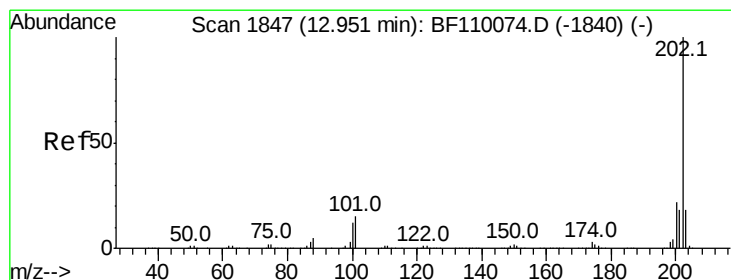
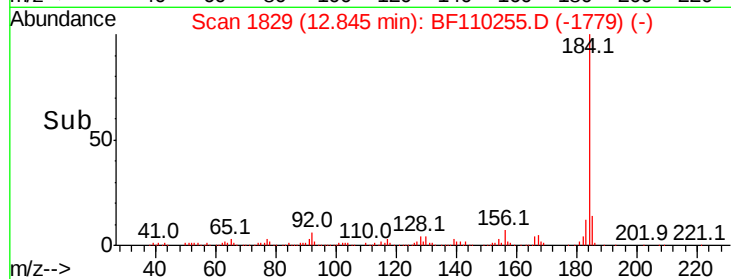
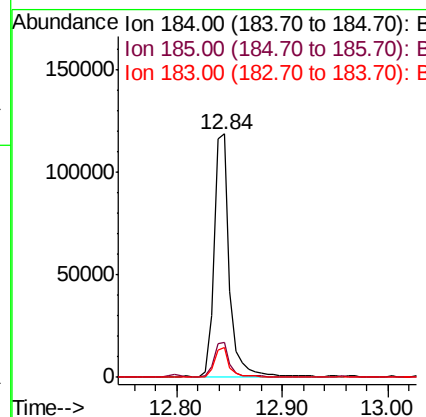
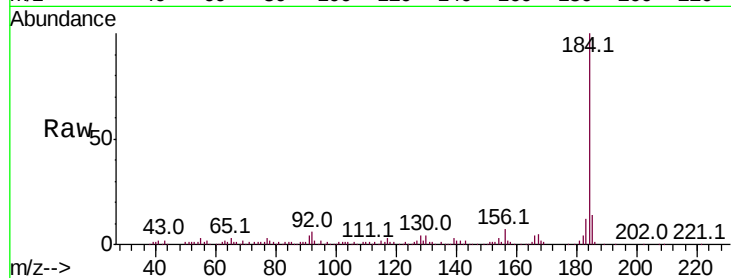




#77
Benzidine
Concen: 14.992 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

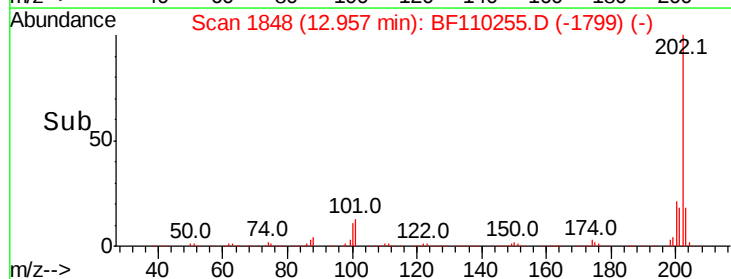
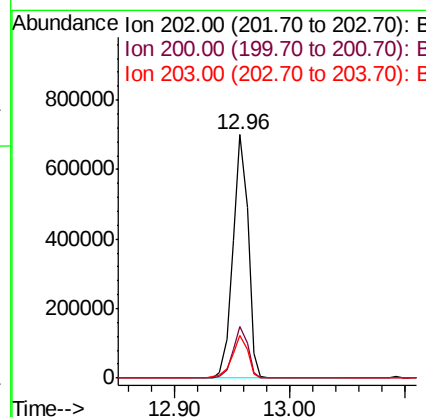
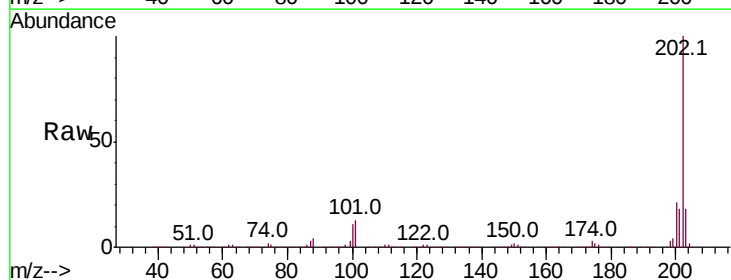
Instrument :
BNA_F
ClientSampleId :

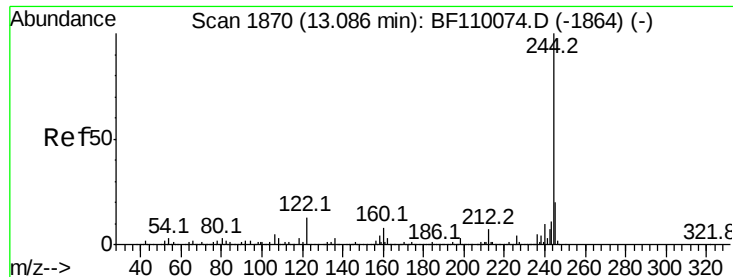
Tot Ion:184 Resp: 122822
Ion Ratio Lower Upper
184 100
185 14.5 13.4 20.2
183 12.2 9.4 14.2



#78
Pyrene
Concen: 40.725 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion:202 Resp: 637038
Ion Ratio Lower Upper
202 100
200 21.5 17.8 26.6
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 87.649 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

ClientSampleId :

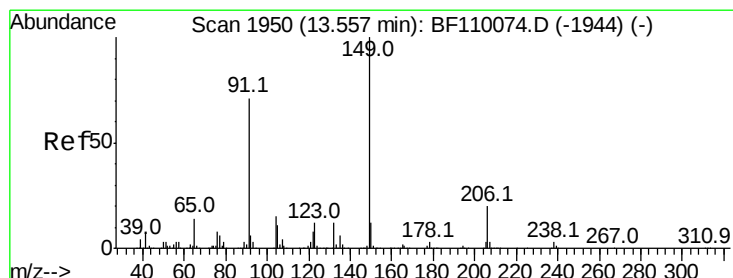
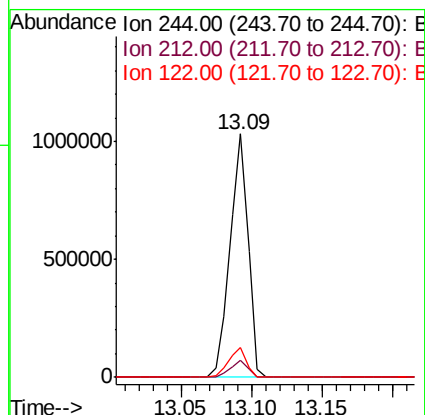
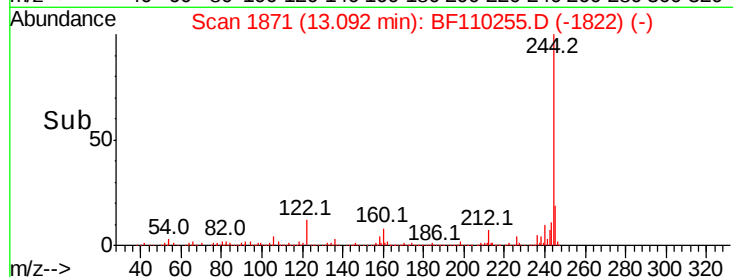
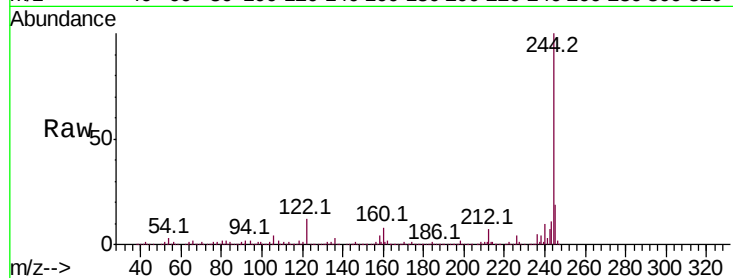
Tot Ion:244 Resp: 919561

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 12.2 8.7 13.1



#80

Butylbenzylphthalate

Concen: 41.169 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

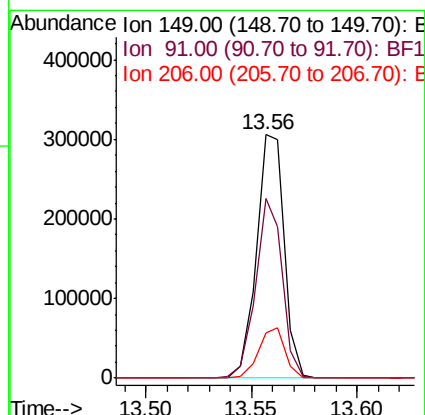
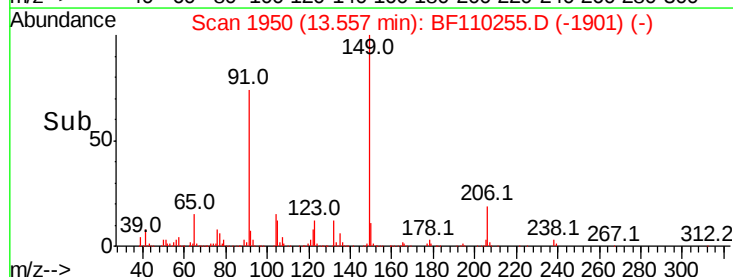
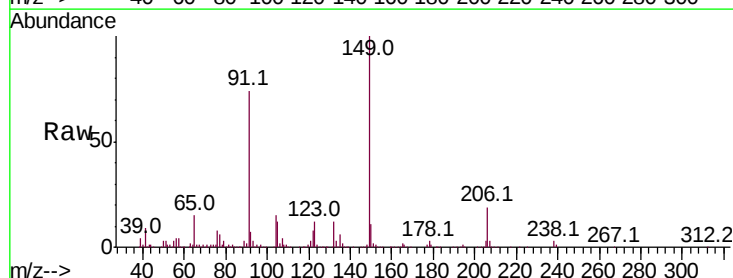
Tgt Ion:149 Resp: 279515

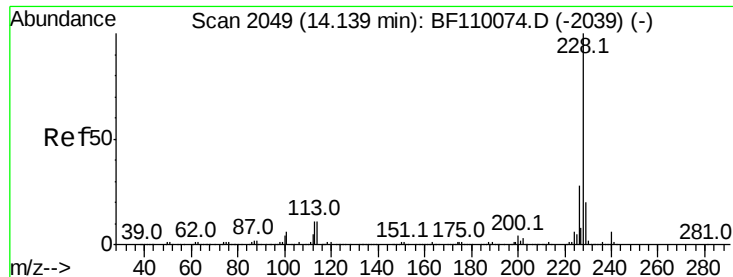
Ion Ratio Lower Upper

149 100

91 73.7 57.2 85.8

206 18.6 15.7 23.5





#81

Benzo(a)anthracene

Concen: 44.430 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

ClientSampleId :

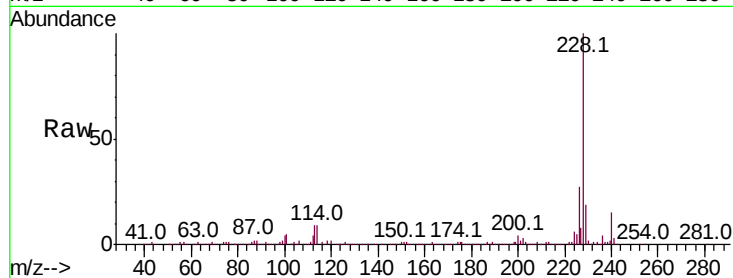
Tot Ion:228 Resp: 574888

Ion Ratio Lower Upper

228 100

226 27.2 22.1 33.1

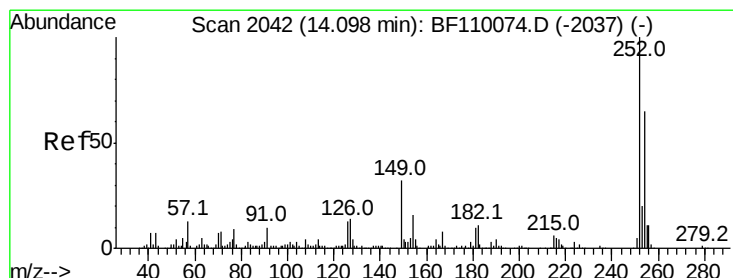
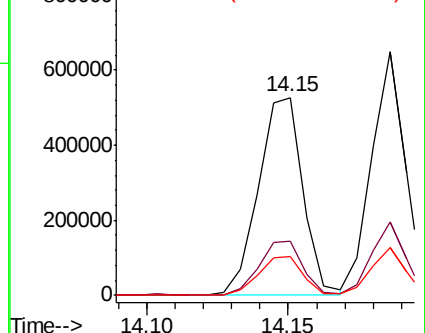
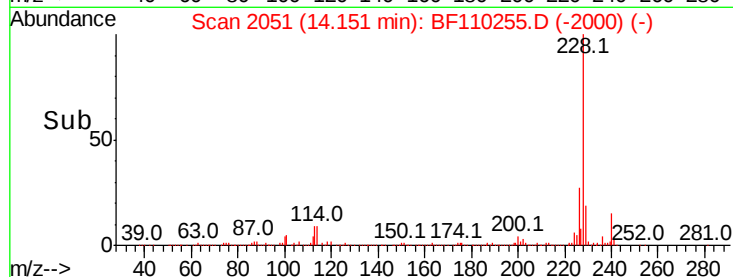
229 19.4 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.335 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

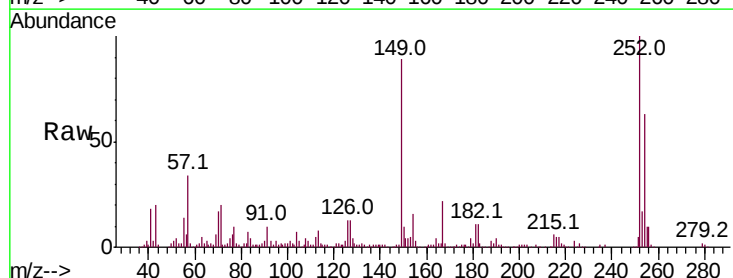
Tgt Ion:252 Resp: 159206

Ion Ratio Lower Upper

252 100

254 63.0 51.3 76.9

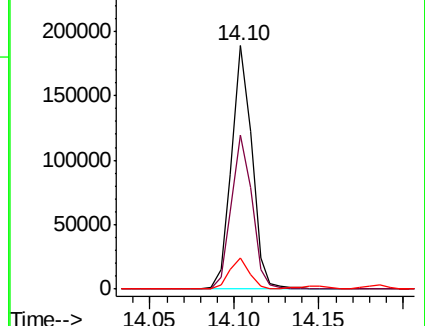
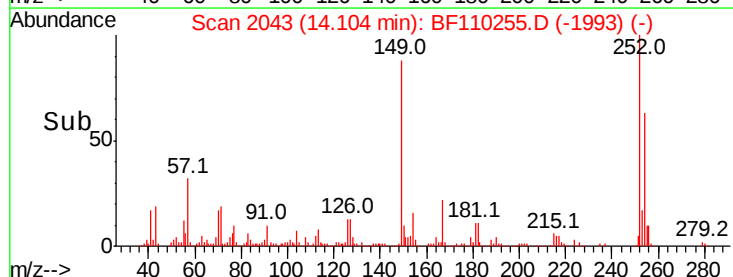
126 12.7 9.4 14.2

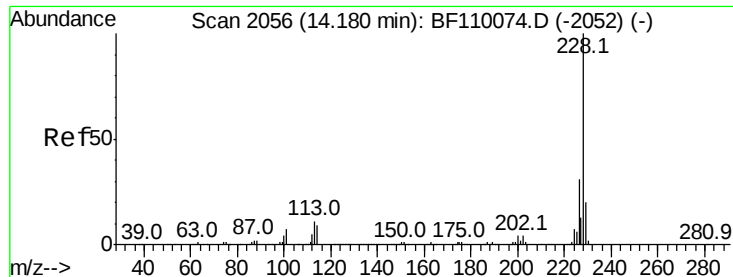


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

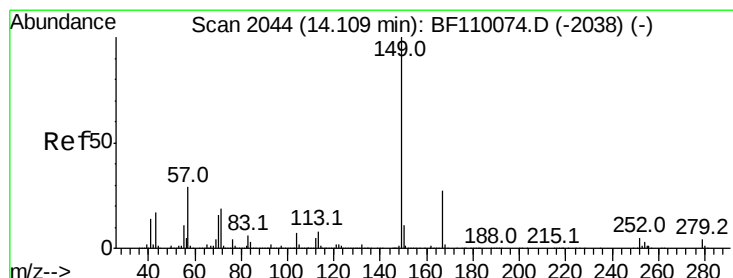
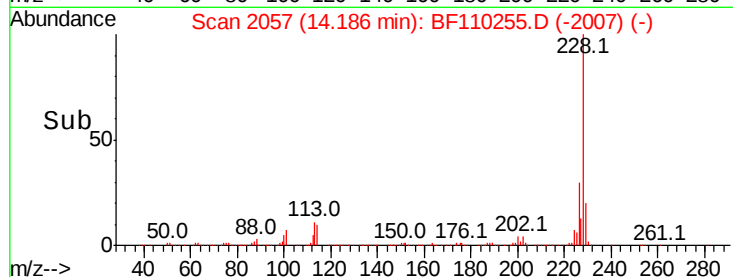
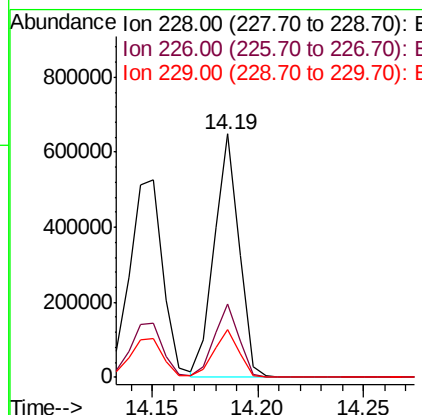
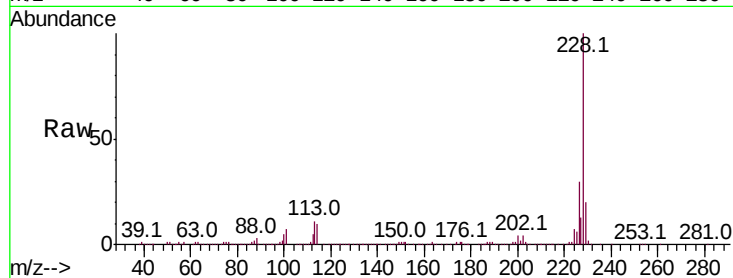




#83
Chrysene
Concen: 43.329 ng
RT: 14.19 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

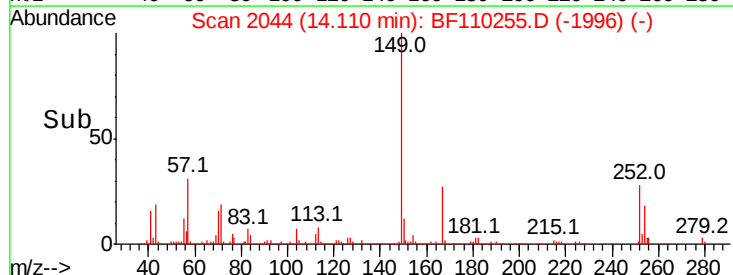
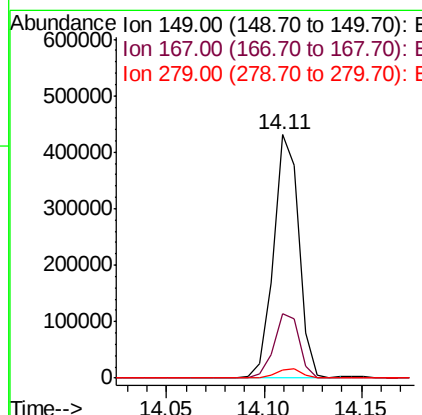
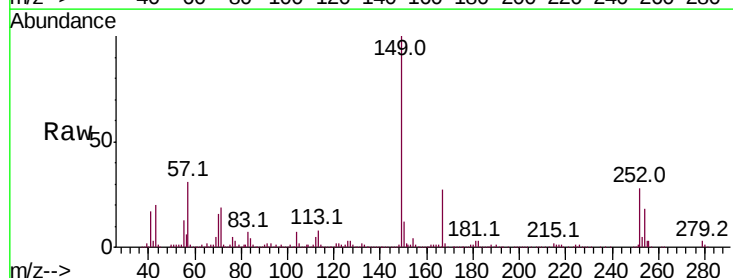
Instrument :
BNA_F
ClientSampled :

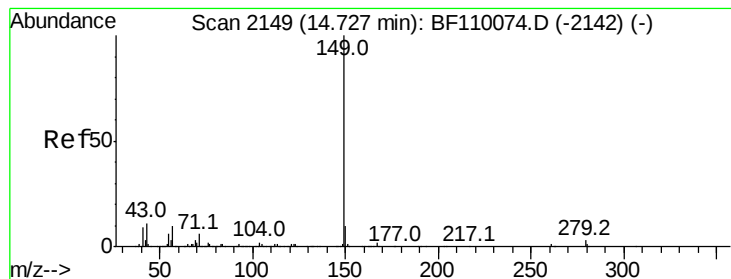
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.7	37.1
229	19.7	15.9	23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.830 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	19.8	29.8
279	3.1	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 47.236 ng

RT: 14.73 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

ClientSampleId :

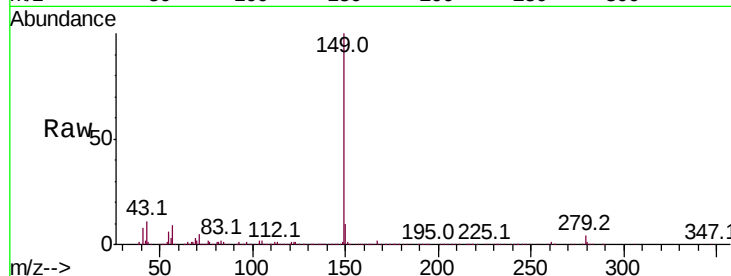
Tot Ion:149 Resp: 674113

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

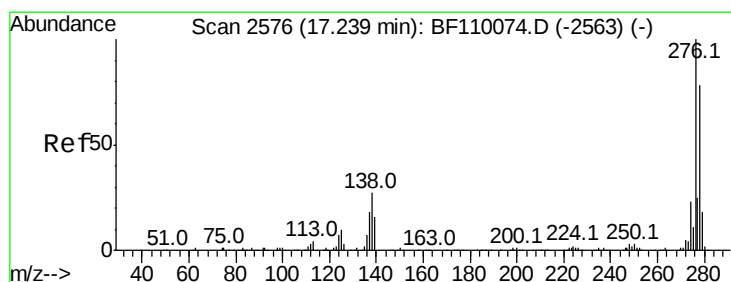
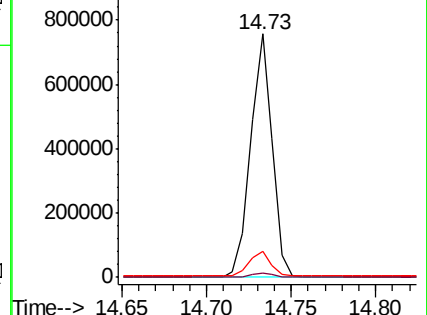
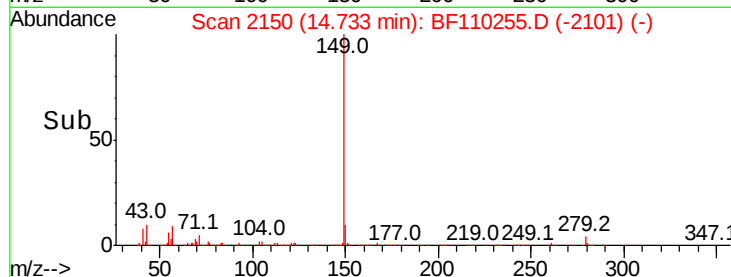
43 10.2 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.892 ng

RT: 17.27 min Scan# 2581

Delta R.T. 0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

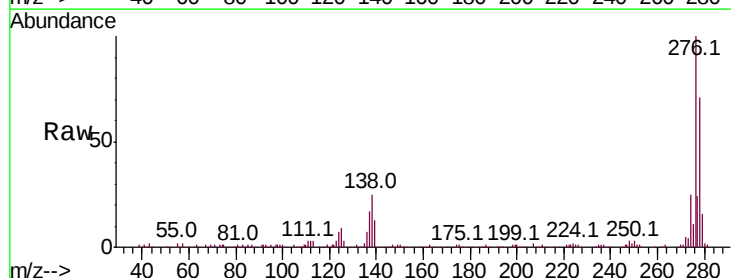
Tgt Ion:276 Resp: 437308

Ion Ratio Lower Upper

276 100

138 25.9 18.5 27.7

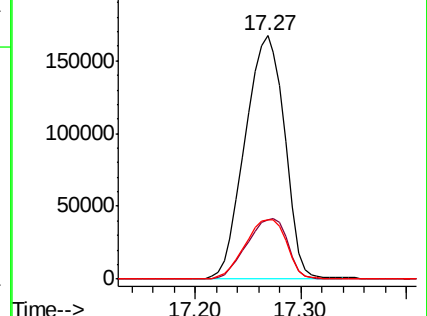
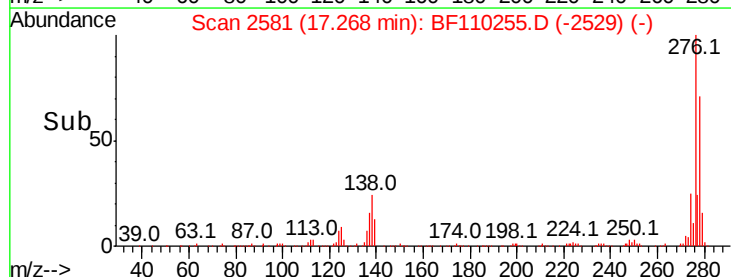
277 25.8 20.0 30.0

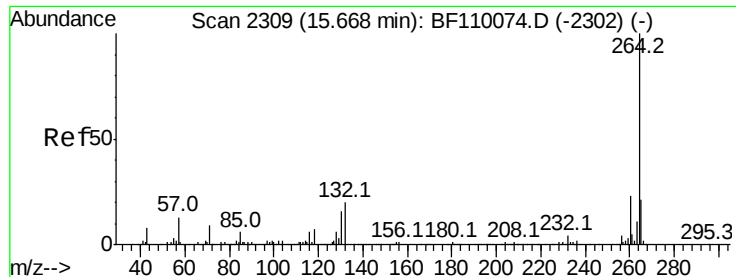


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



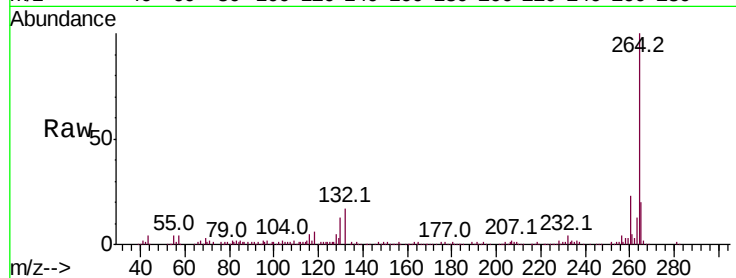


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

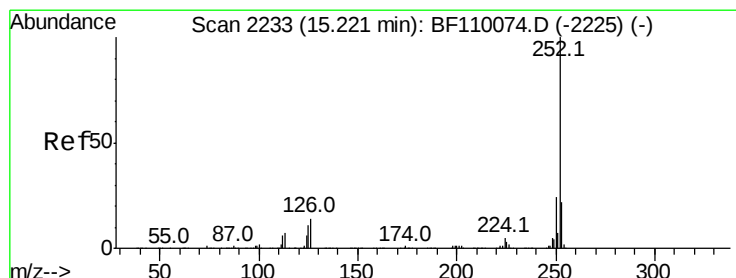
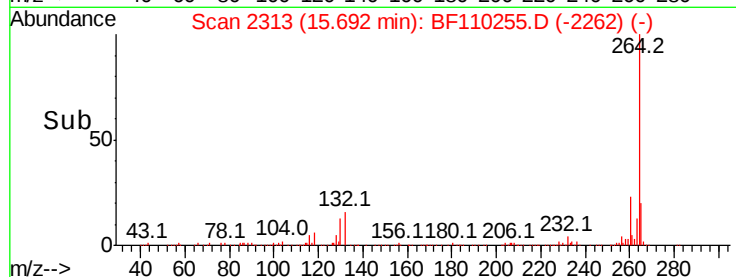
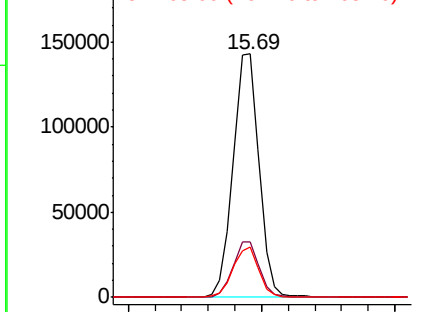
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 194610

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	20.4	16.7	25.1



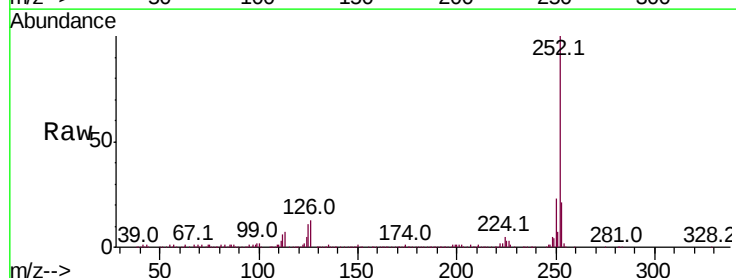
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



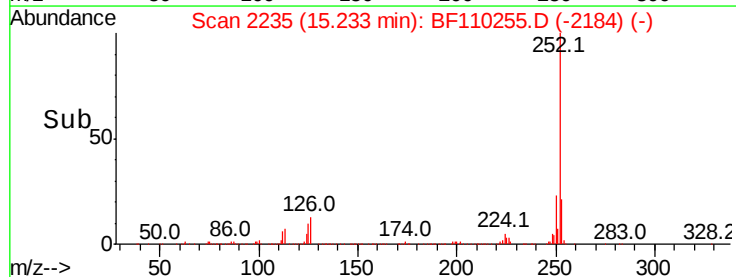
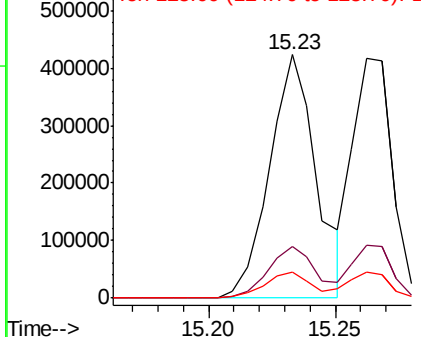
#88
Benzo(b)fluoranthene
Concen: 48.531 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

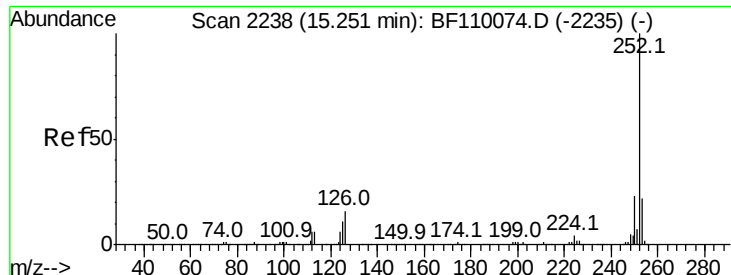
Tgt Ion:252 Resp: 545392

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.2	25.8
125	10.5	8.2	12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

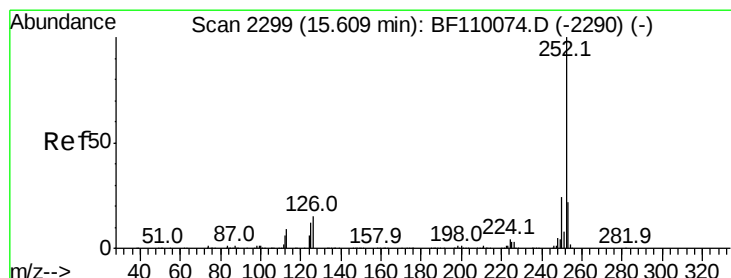
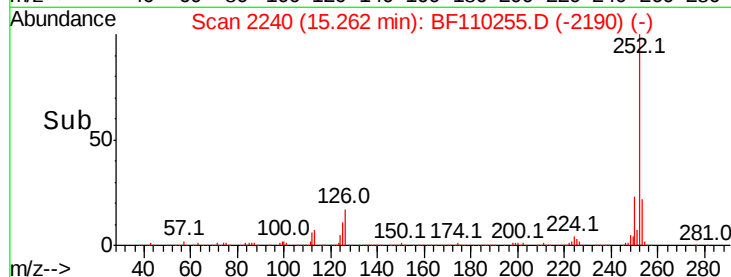
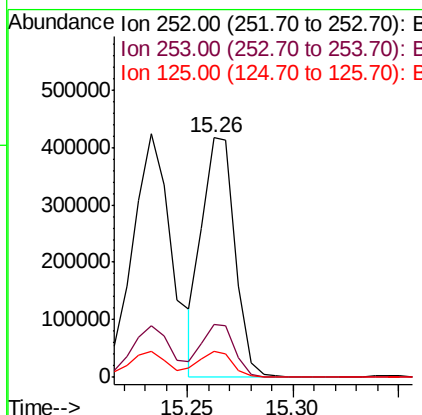
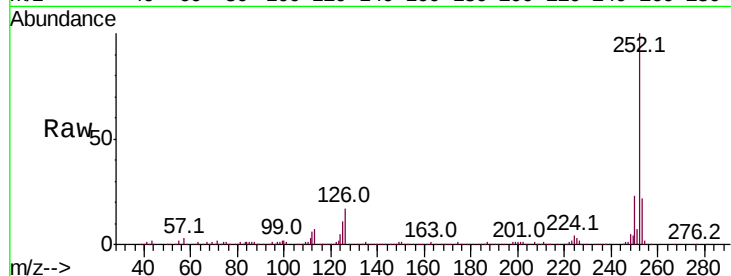




#89
Benzo(k)fluoranthene
Concen: 40.839 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

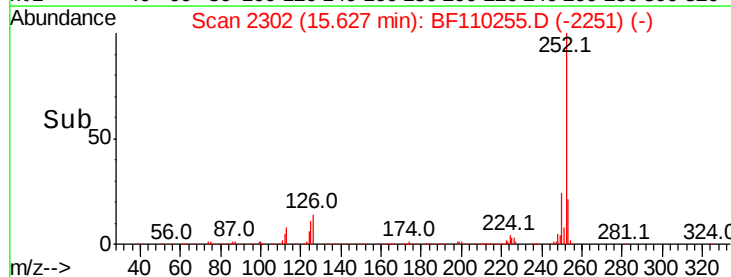
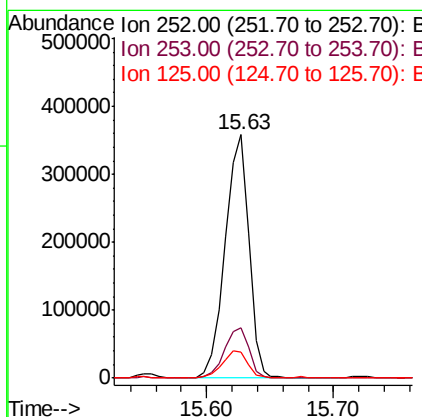
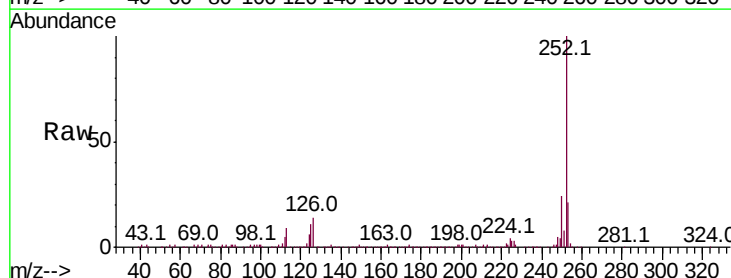
Instrument :
BNA_F
ClientSampleId :

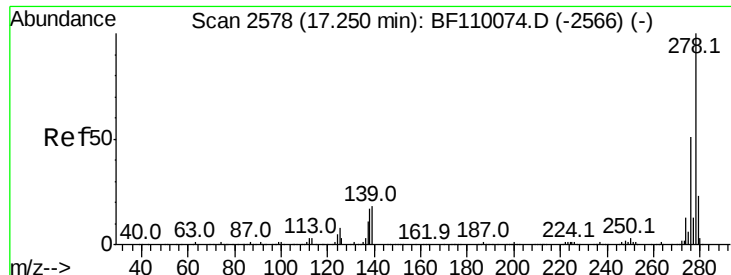
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	11.0	7.4	11.0



#90
Benzo(a)pyrene
Concen: 44.792 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.2	27.4
125	10.9	9.0	13.6

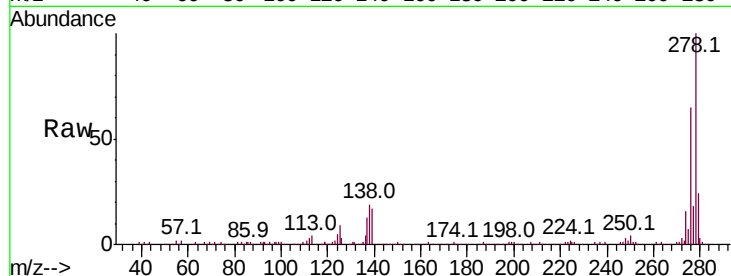




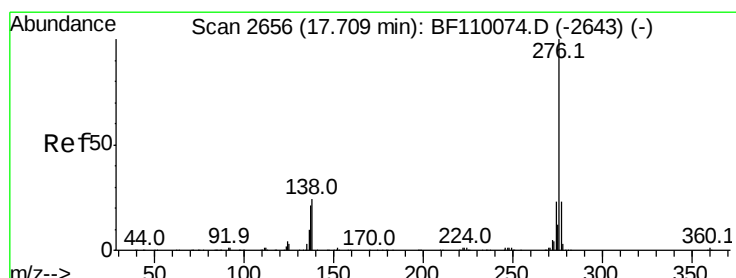
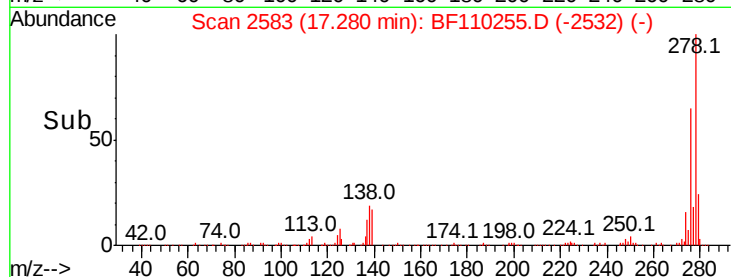
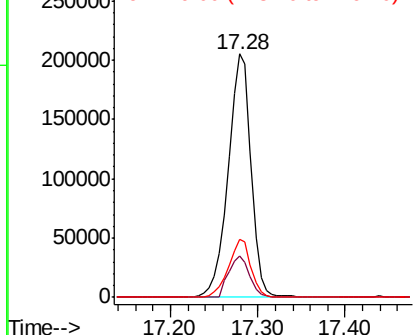
#91
Dibenzo(a,h)anthracene
Concen: 41.221 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.00 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 367801
Ion Ratio Lower Upper
278 100
139 16.9 12.7 19.1
279 23.7 19.0 28.4

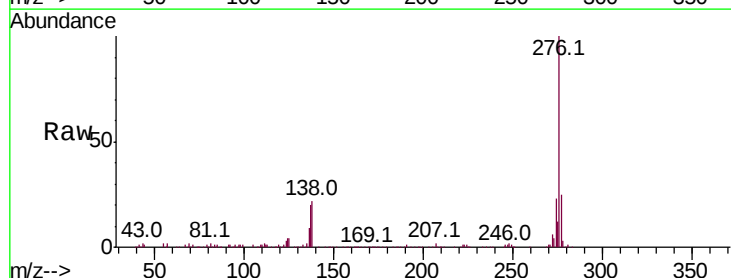


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.353 ng
RT: 17.74 min Scan# 2662
Delta R.T. 0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion:276 Resp: 346005
Ion Ratio Lower Upper
276 100
277 24.5 18.8 28.2
138 22.4 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

