

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110250.D
 Acq On : 29 Oct 2018 9:40
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 29 12:30:07 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	97897	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	419339	20.00	ng	-0.02
39) Acenaphthene-d10	10.02	164	202313	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	383001	20.00	ng	0.00
76) Chrysene-d12	14.16	240	271557	20.00	ng	0.00
87) Perylene-d12	15.69	264	197503	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	489338	81.40	ng	-0.01
7) Phenol-d6	6.59	99	613039	79.73	ng	-0.01
23) Nitrobenzene-d5	7.53	82	580687	82.13	ng	-0.02
42) 2,4,6-Tribromophenol	10.81	330	162572	81.12	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1081206	83.92	ng	-0.01
79) Terphenyl-d14	13.09	244	1107970	84.85	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.81	88	116962	37.135	ng	90
3) Pyridine	3.59	79	267669	38.155	ng	# 86
4) n-Nitrosodimethylamine	3.55	42	109830	37.368	ng	# 91
6) Aniline	6.63	93	399593	39.893	ng	# 53
8) 2-Chlorophenol	6.76	128	284526	41.052	ng	97
9) Benzaldehyde	6.52	77	172504	38.110	ng	95
10) Phenol	6.60	94	326919	39.774	ng	# 66
11) bis(2-Chloroethyl)ether	6.70	93	264819	39.161	ng	96
12) 1,3-Dichlorobenzene	6.91	146	307997	40.380	ng	98
13) 1,4-Dichlorobenzene	6.99	146	309069	40.065	ng	96
14) 1,2-Dichlorobenzene	7.14	146	294873	41.177	ng	99
15) Benzyl Alcohol	7.11	79	247434	41.838	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.24	45	416051	38.480	ng	69
17) 2-Methylphenol	7.22	107	219905	39.811	ng	# 81
18) Hexachloroethane	7.48	117	114843	40.663	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	195138	39.557	ng	94
20) 3+4-Methylphenols	7.37	107	291403	40.813	ng	94
22) Acetophenone	7.38	105	386178	39.967	ng	99
24) Nitrobenzene	7.56	77	295253	40.450	ng	90
25) Isophorone	7.79	82	464137	38.513	ng	97
26) 2-Nitrophenol	7.87	139	151152	43.517	ng	93
27) 2,4-Dimethylphenol	7.90	122	226653	39.358	ng	96
28) bis(2-Chloroethoxy)methane	7.99	93	319304	39.002	ng	99
29) 2,4-Dichlorophenol	8.10	162	235887	40.544	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	262064	40.213	ng	98
31) Naphthalene	8.27	128	772822	39.987	ng	99
32) Benzoic acid	8.02	122	181899	40.868	ng	94
33) 4-Chloroaniline	8.32	127	346119	39.792	ng	99
34) Hexachlorobutadiene	8.39	225	149096	41.205	ng	99
35) Caprolactam	8.70	113	79047	38.981	ng	95
36) 4-Chloro-3-methylphenol	8.80	107	253018	40.217	ng	96
37) 2-Methylnaphthalene	8.97	142	518203	40.525	ng	97
38) 1-Methylnaphthalene	9.07	142	489474	39.610	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	255311	40.502	ng	98

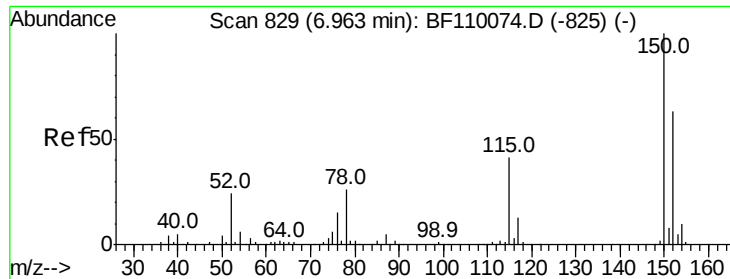
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	129211	40.087	ng	97
43) 2,4,6-Trichlorophenol	9.25	196	163383	40.185	ng	94
44) 2,4,5-Trichlorophenol	9.29	196	173164	40.292	ng	94
46) 1,1'-Biphenyl	9.43	154	735645	40.210	ng	99
47) 2-Chloronaphthalene	9.46	162	539960	40.235	ng	98
48) 2-Nitroaniline	9.56	65	165346	40.659	ng	88
49) Acenaphthylene	9.87	152	773238	39.892	ng	98
50) Dimethylphthalate	9.73	163	592770	39.692	ng	100
51) 2,6-Dinitrotoluene	9.79	165	132040	41.046	ng	98
52) Acenaphthene	10.05	154	494446	38.560	ng	97
53) 3-Nitroaniline	9.97	138	152110	39.762	ng	92
54) 2,4-Dinitrophenol	10.07	184	47986	40.329	ng	91
55) Dibenzofuran	10.22	168	715239	39.839	ng	97
56) 4-Nitrophenol	10.12	139	112509	39.737	ng	92
57) 2,4-Dinitrotoluene	10.20	165	175067	42.845	ng	# 81
58) Fluorene	10.56	166	538663	40.314	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.29	232	137071	39.130	ng	98
60) Diethylphthalate	10.43	149	586840	40.254	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	280612	39.811	ng	99
62) 4-Nitroaniline	10.59	138	152482	40.076	ng	91
63) Azobenzene	10.72	77	572396	39.556	ng	96
65) 4,6-Dinitro-2-methylphenol	10.61	198	73749	42.146	ng	82
66) n-Nitrosodiphenylamine	10.67	169	497766	39.623	ng	97
67) 4-Bromophenyl-phenylether	11.05	248	166112	39.984	ng	95
68) Hexachlorobenzene	11.12	284	176550	40.052	ng	96
69) Atrazine	11.19	200	157235	39.606	ng	98
70) Pentachlorophenol	11.31	266	107414	41.790	ng	98
71) Phenanthrene	11.53	178	786469	39.244	ng	100
72) Anthracene	11.59	178	804526	40.052	ng	98
73) Carbazole	11.74	167	777535	39.644	ng	99
74) Di-n-butylphthalate	12.05	149	905213	40.866	ng	99
75) Fluoranthene	12.73	202	799797	39.324	ng	98
77) Benzidine	12.84	184	376451	56.516	ng	96
78) Pyrene	12.96	202	825776	42.416	ng	99
80) Butylbenzylphthalate	13.56	149	359993	42.602	ng	99
81) Benzo(a)anthracene	14.14	228	645446	40.080	ng	99
82) 3,3'-Dichlorobenzidine	14.10	252	224497	40.034	ng	99
83) Chrysene	14.19	228	619159	40.480	ng	98
84) Bis(2-ethylhexyl)phthalate	14.11	149	459769	40.250	ng	98
85) Di-n-octyl phthalate	14.73	149	682391	38.419	ng	99
86) Indeno(1,2,3-cd)pyrene	17.26	276	443533	34.954	ng	97
88) Benzo(b)fluoranthene	15.23	252	480712	42.149	ng	99
89) Benzo(k)fluoranthene	15.26	252	460997	41.115	ng	99
90) Benzo(a)pyrene	15.62	252	431532	41.120	ng	97
91) Dibenzo(a,h)anthracene	17.27	278	369809	40.839	ng	98
92) Benzo(g,h,i)perylene	17.74	276	365248	40.933	ng	98

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

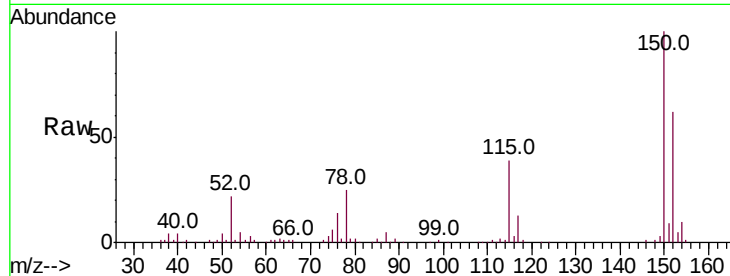


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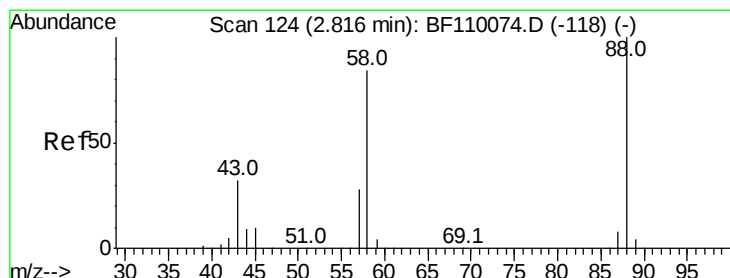
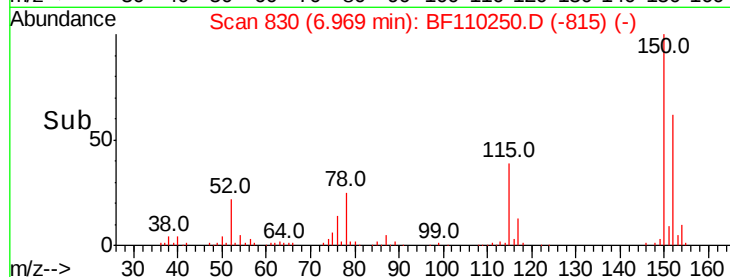
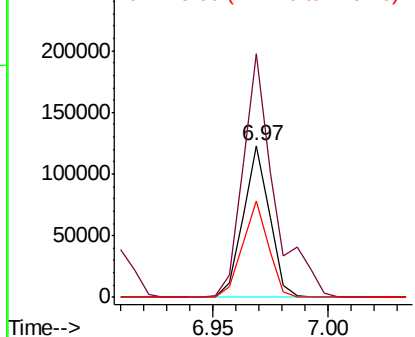
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110250.D
Acq: 29 Oct 2018 9:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 97897
Ion Ratio Lower Upper
152 100
150 160.2 122.7 184.1
115 63.2 49.1 73.7



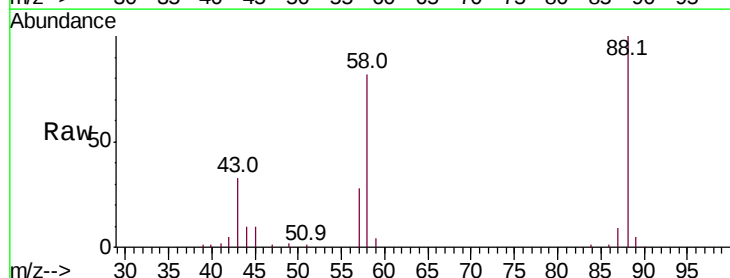
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



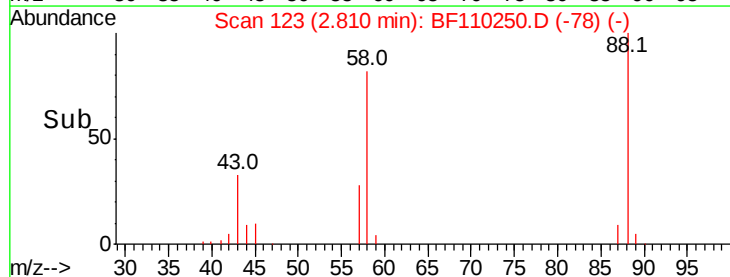
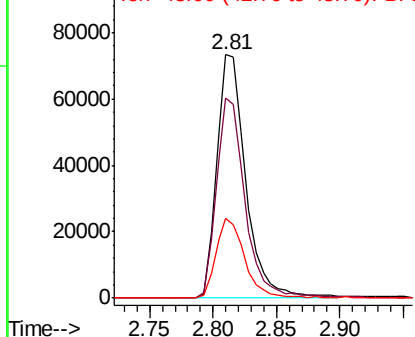
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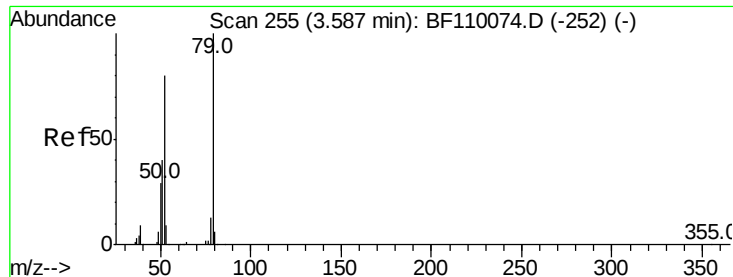
1,4-Dioxane
Concen: 37.135 ng
RT: 2.81 min Scan# 123
Delta R.T. -0.04 min
Lab File: BF110250.D
Acq: 29 Oct 2018 9:40

Tgt Ion: 88 Resp: 116962
Ion Ratio Lower Upper
88 100
58 81.7 57.1 85.7
43 32.4 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: 38.155 ng

RT: 3.59 min Scan# 256

Delta R.T. -0.02 min

Lab File: BF110250.D

Acq: 29 Oct 2018 9:40

Instrument :

BNA_F

ClientSampleId :

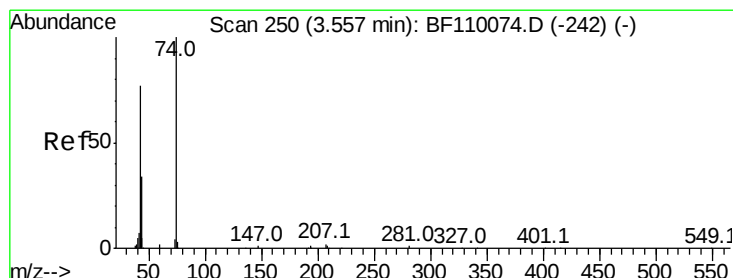
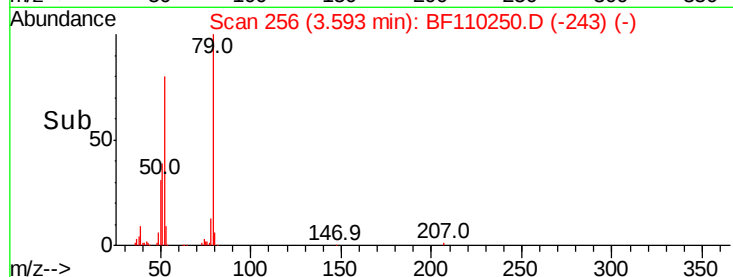
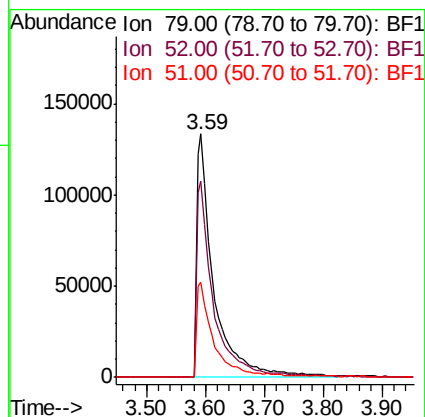
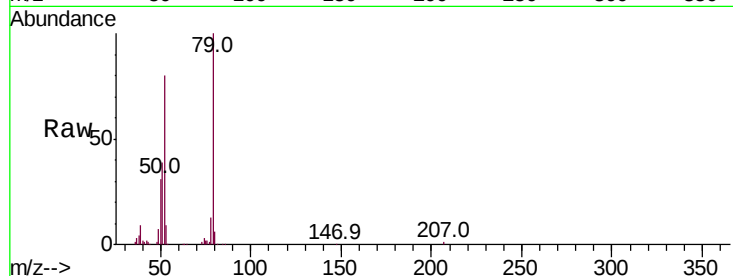
Tot Ion: 79 Resp: 267669

Ion Ratio Lower Upper

79 100

52 80.4 53.1 79.7#

51 38.9 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 37.368 ng

RT: 3.55 min Scan# 249

Delta R.T. -0.03 min

Lab File: BF110250.D

Acq: 29 Oct 2018 9:40

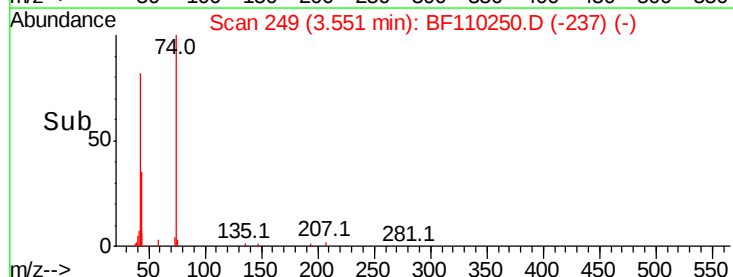
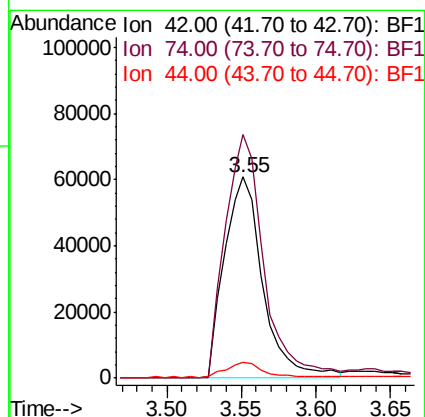
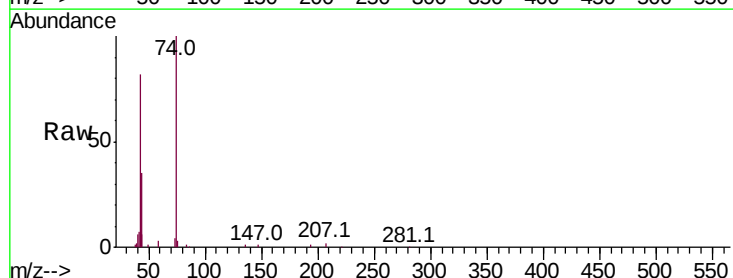
Tgt Ion: 42 Resp: 109830

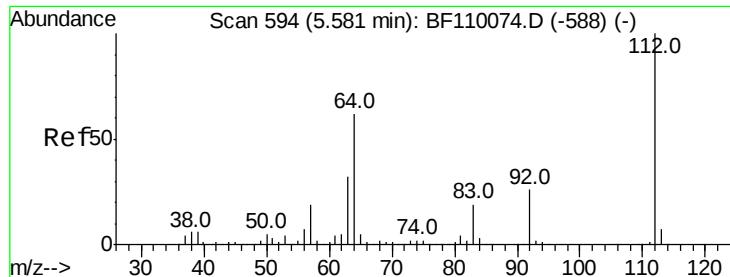
Ion Ratio Lower Upper

42 100

74 121.3 105.5 158.3

44 7.8 4.9 7.3#





#5

2-Fluorophenol

Concen: 81.398 ng

RT: 5.59 min Scan# 595

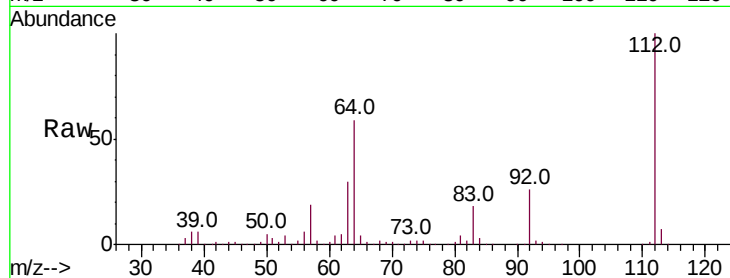
Delta R.T. -0.01 min

Lab File: BF110250.D

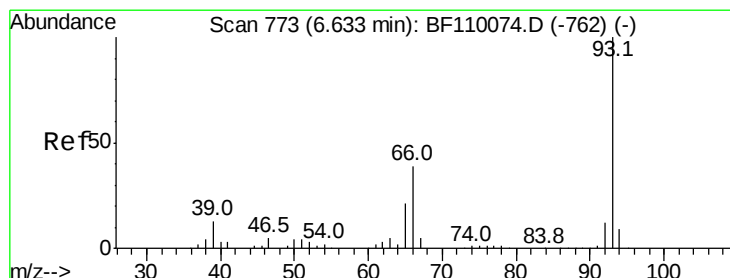
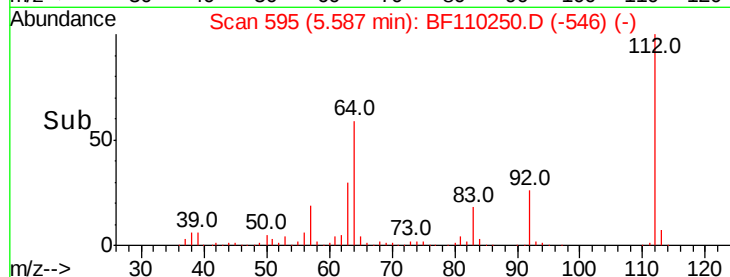
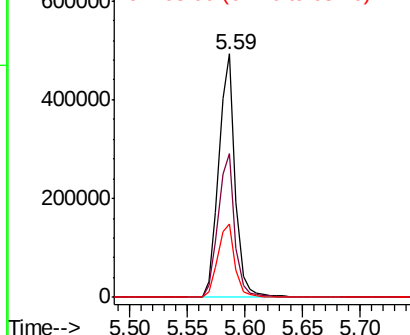
Acq: 29 Oct 2018 9:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	489338
Ion	Ratio	Lower	Upper
112	100		
64	58.8	44.1	66.1
63	30.4	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: 39.893 ng

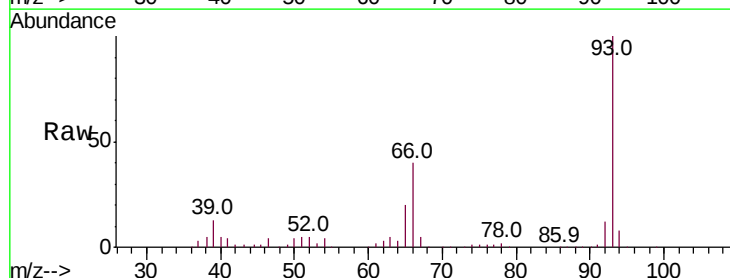
RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

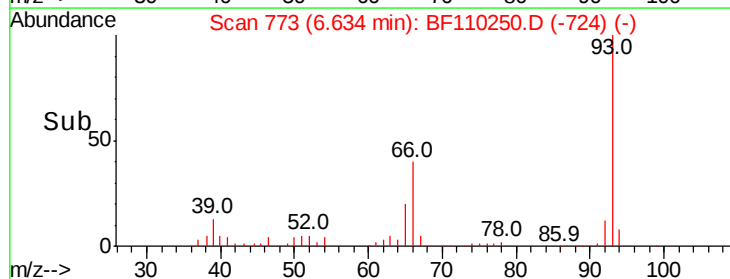
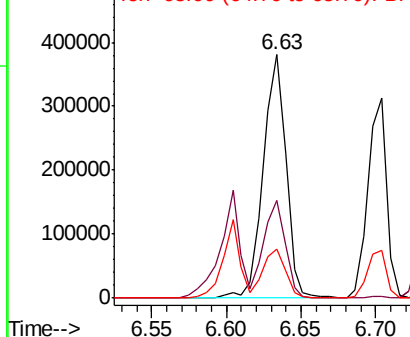
Lab File: BF110250.D

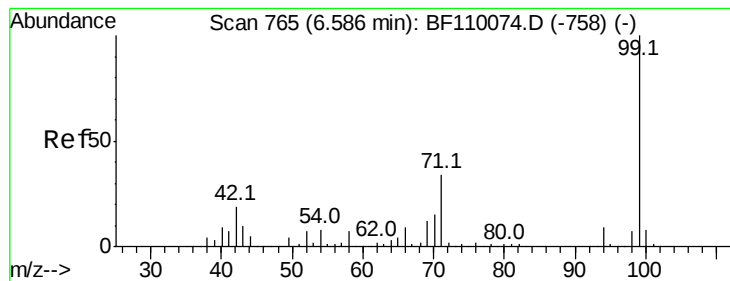
Acq: 29 Oct 2018 9:40

Tgt Ion:	93	Resp:	399593
Ion	Ratio	Lower	Upper
93	100		
66	40.0	67.4	101.0#
65	20.4	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: 79.725 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110250.D

Acq: 29 Oct 2018 9:40

Instrument :

BNA_F

ClientSampleId :

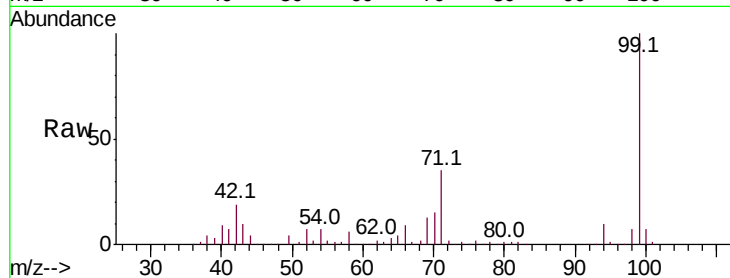
Tot Ion: 99 Resp: 613039

Ion Ratio Lower Upper

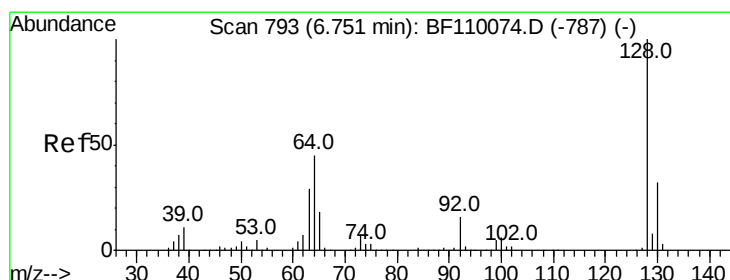
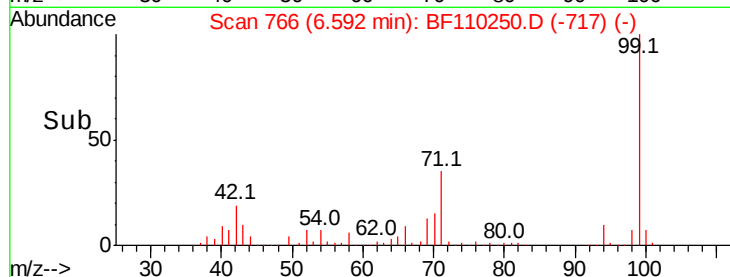
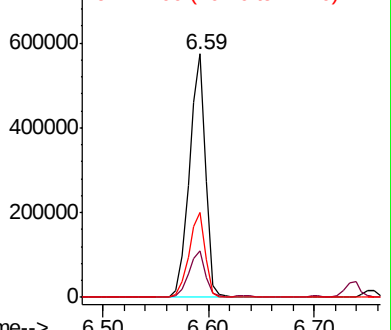
99 100

42 19.2 15.8 23.6

71 35.0 28.0 42.0



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



#8

2-Chlorophenol

Concen: 41.052 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF110250.D

Acq: 29 Oct 2018 9:40

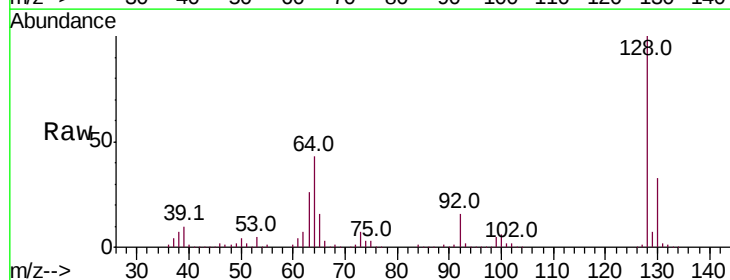
Tgt Ion: 128 Resp: 284526

Ion Ratio Lower Upper

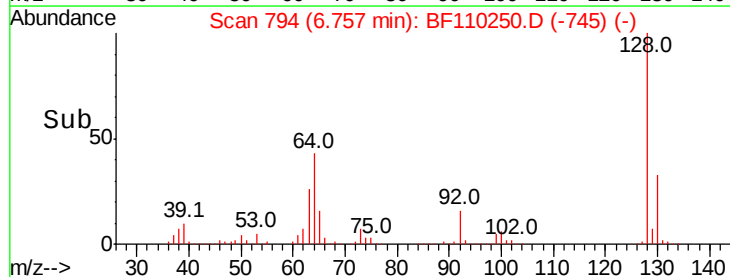
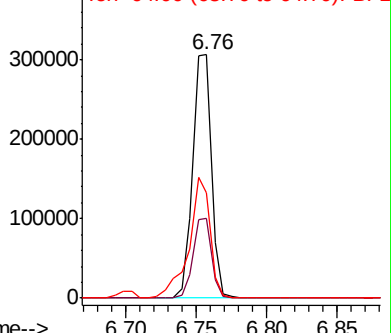
128 100

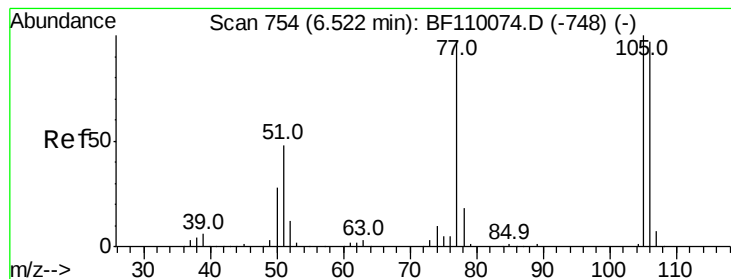
130 32.6 13.1 53.1

64 43.1 26.0 66.0



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





#9

Benzaldehyde

Concen: 38.110 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110250.D

Acq: 29 Oct 2018 9:40

Instrument :

BNA_F

ClientSampleId :

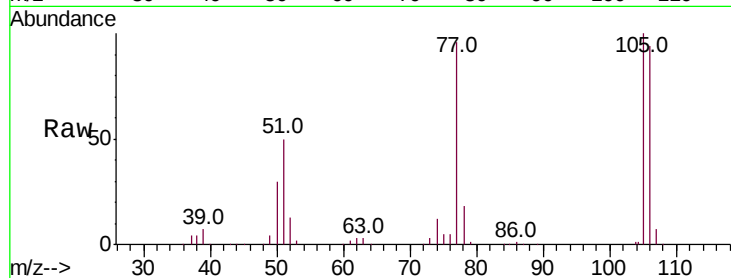
Tot Ion: 77 Resp: 172504

Ion Ratio Lower Upper

77 100

105 104.5 78.6 118.6

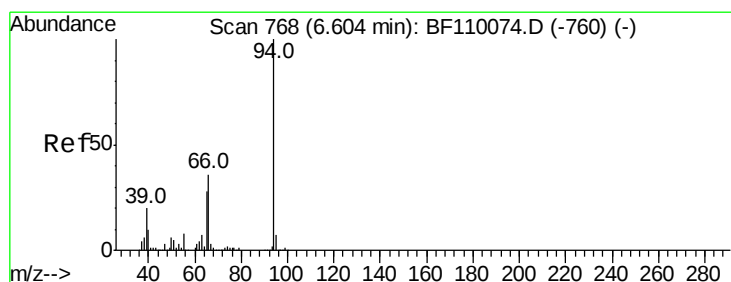
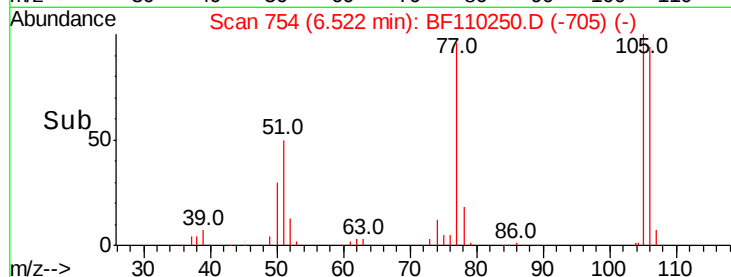
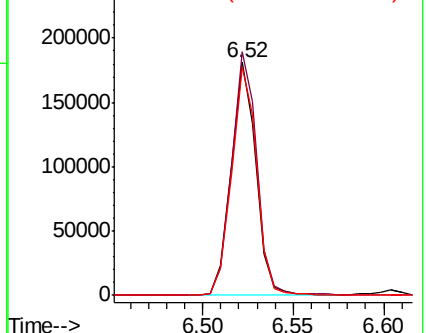
106 97.9 74.8 114.8



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: 39.774 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110250.D

Acq: 29 Oct 2018 9:40

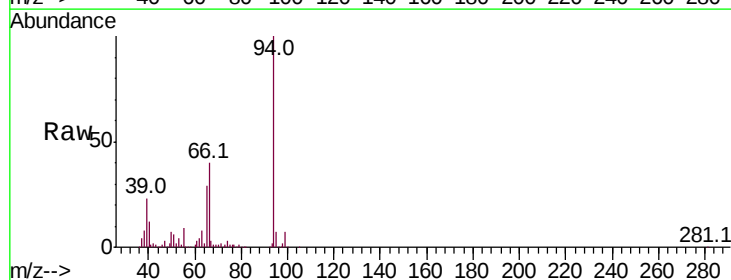
Tgt Ion: 94 Resp: 326919

Ion Ratio Lower Upper

94 100

65 29.2 25.3 65.3

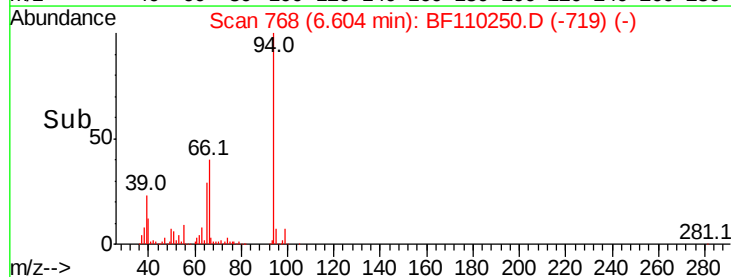
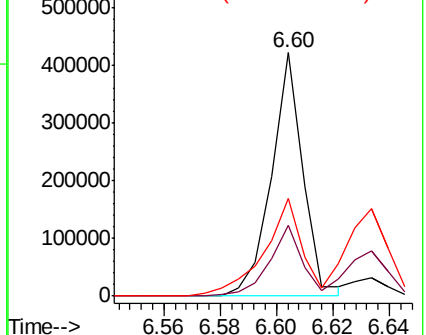
66 40.2 54.5 94.5#

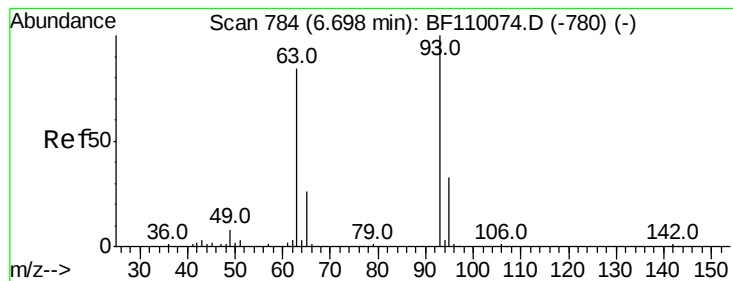


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.161 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF110250.D

Acq: 29 Oct 2018 9:40

Instrument :

BNA_F

ClientSampleId :

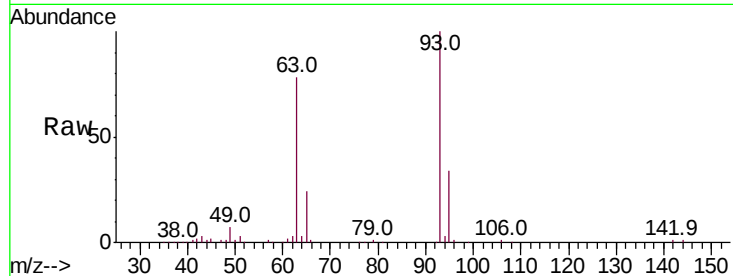
Tot Ion: 93 Resp: 264819

Ion Ratio Lower Upper

93 100

63 77.5 53.4 93.4

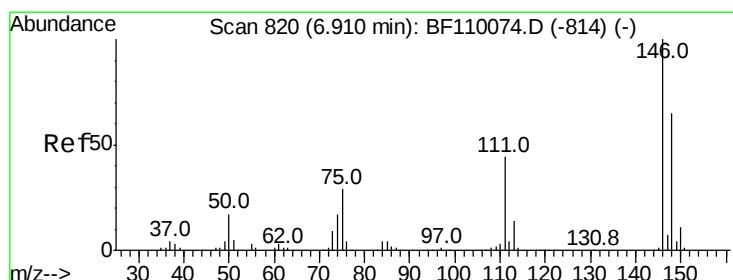
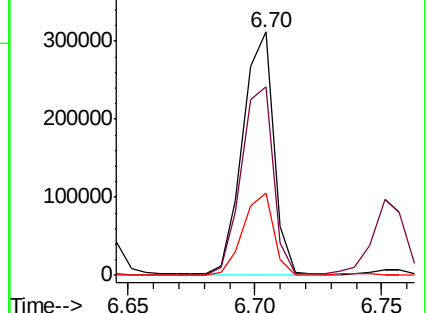
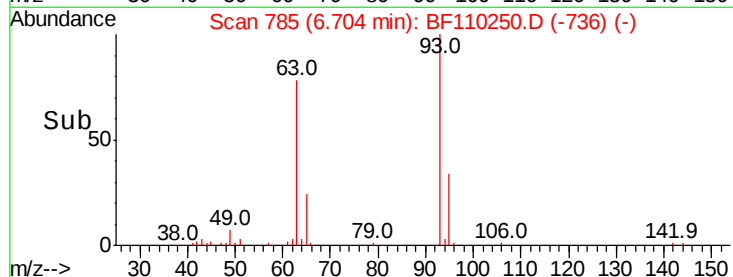
95 33.8 12.1 52.1



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: 40.380 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF110250.D

Acq: 29 Oct 2018 9:40

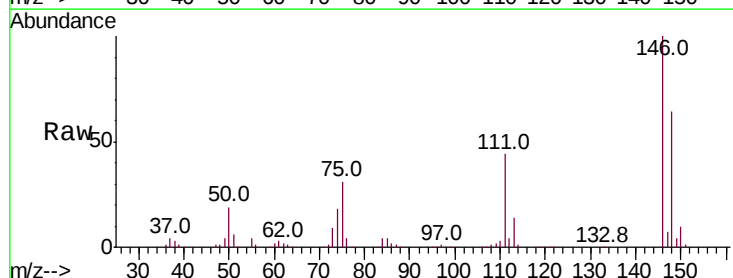
Tgt Ion: 146 Resp: 307997

Ion Ratio Lower Upper

146 100

148 64.2 50.4 75.6

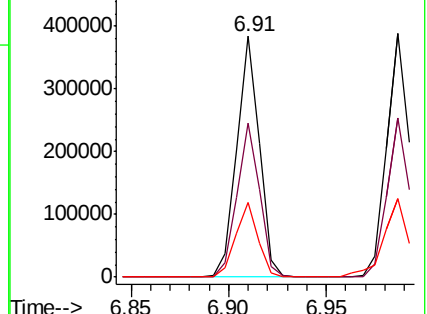
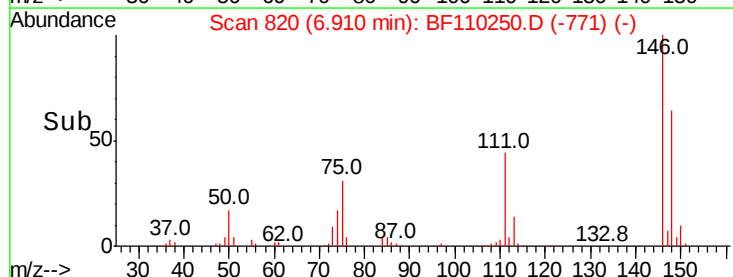
75 31.0 25.8 38.6

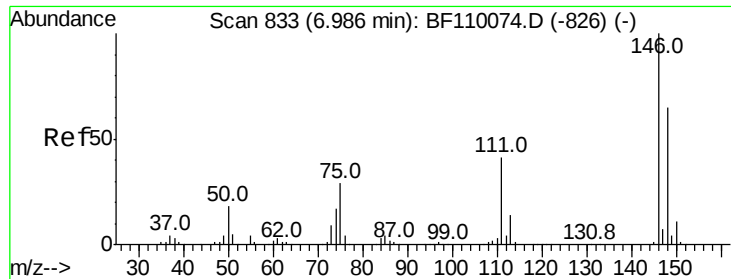


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

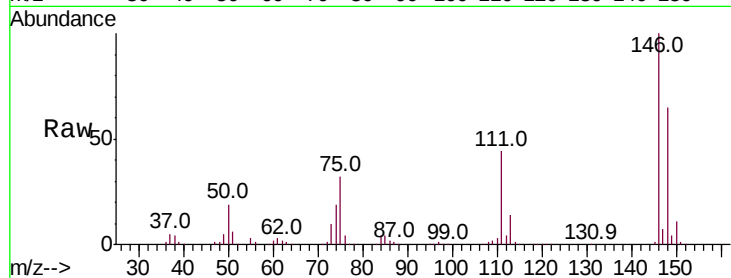




#13
 1,4-Dichlorobenzene
 Concen: 40.065 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110250.D
 Acq: 29 Oct 2018 9:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.3	75.5
111	43.6	32.7	49.1

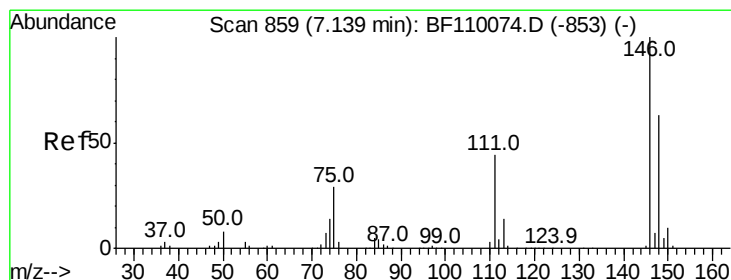
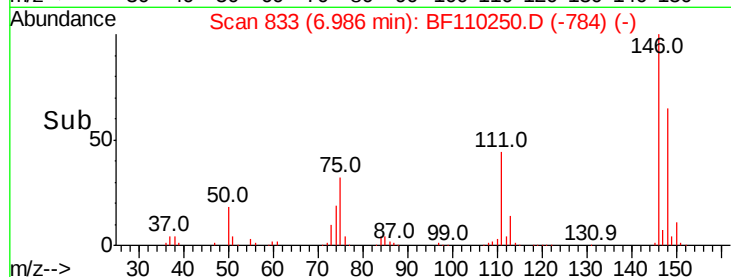
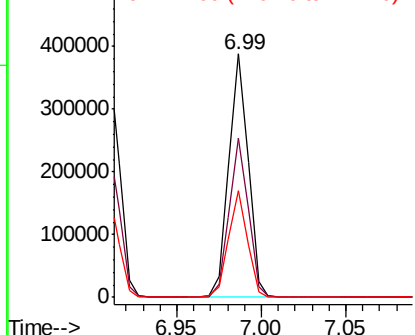


Abundance

Ion 146.00 (145.70 to 146.70): E

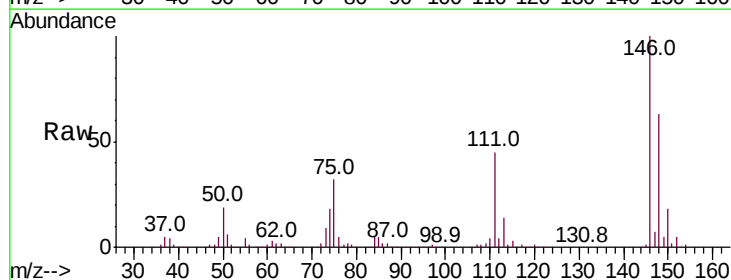
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.177 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF110250.D
 Acq: 29 Oct 2018 9:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.1	76.7
111	45.3	35.8	53.6

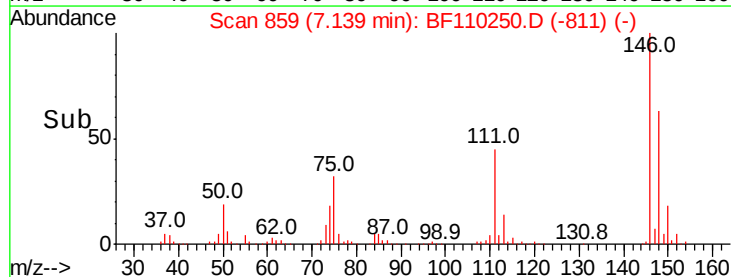
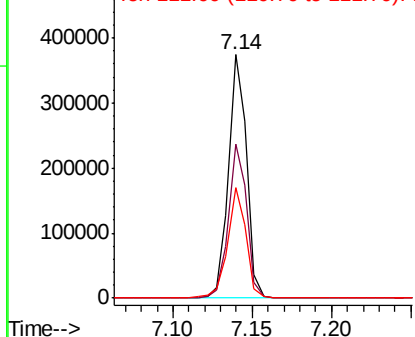


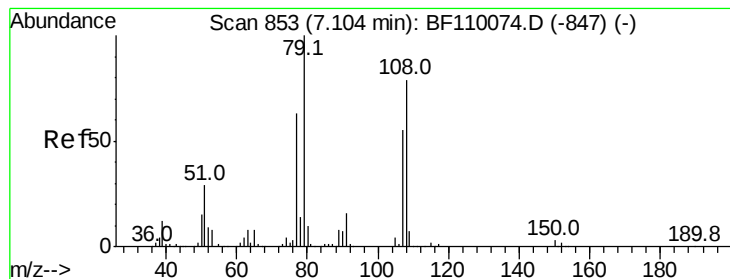
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.838 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF110250.D

Acq: 29 Oct 2018 9:40

Instrument :

BNA_F

ClientSampled :

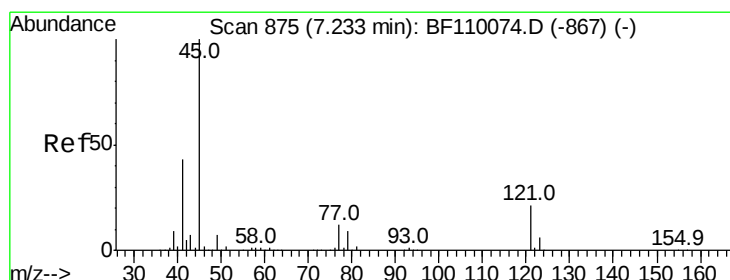
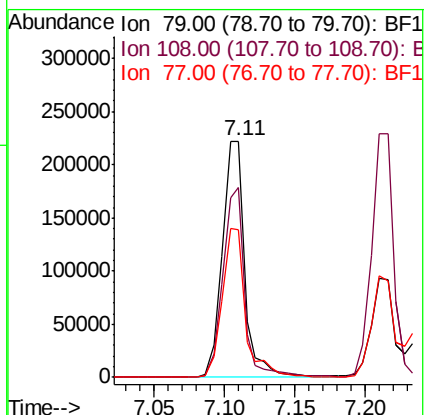
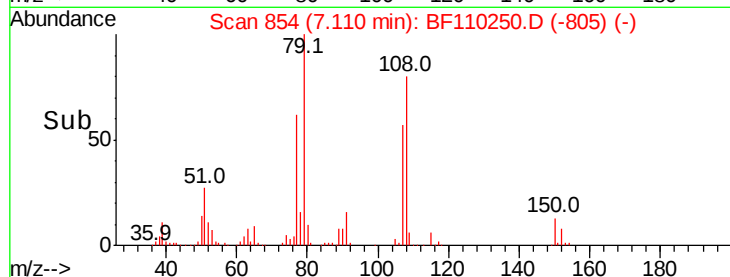
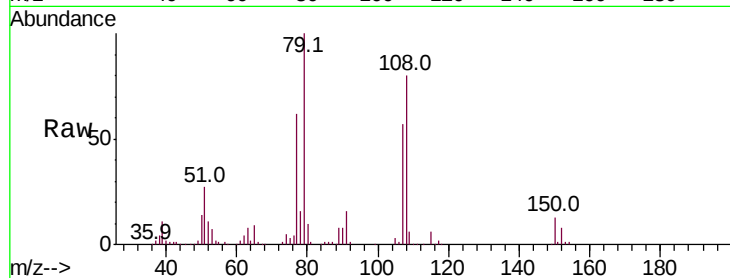
Tot Ion: 79 Resp: 247434

Ion Ratio Lower Upper

79 100

108 80.1 56.3 84.5

77 62.5 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.480 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF110250.D

Acq: 29 Oct 2018 9:40

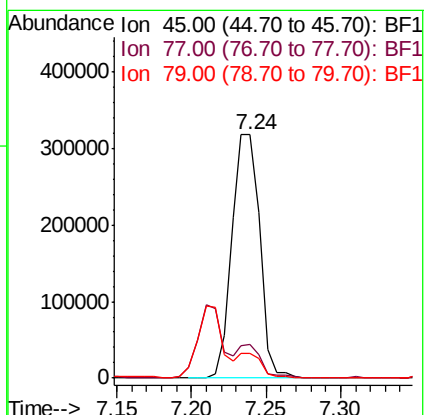
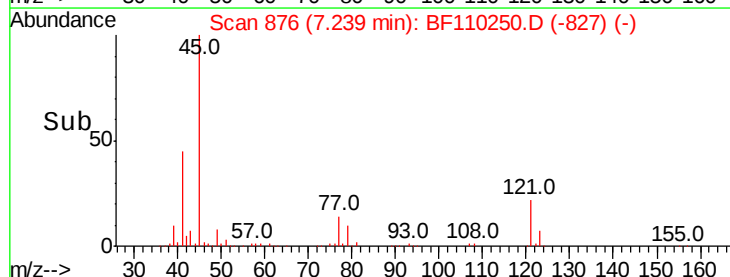
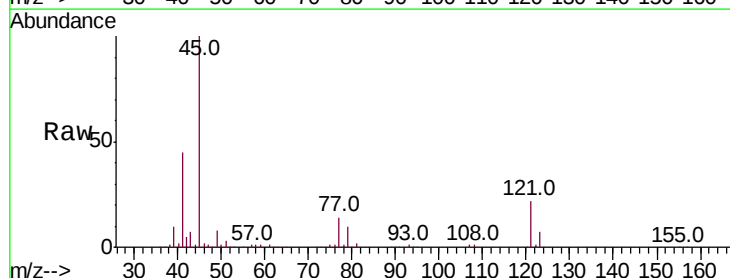
Tgt Ion: 45 Resp: 416051

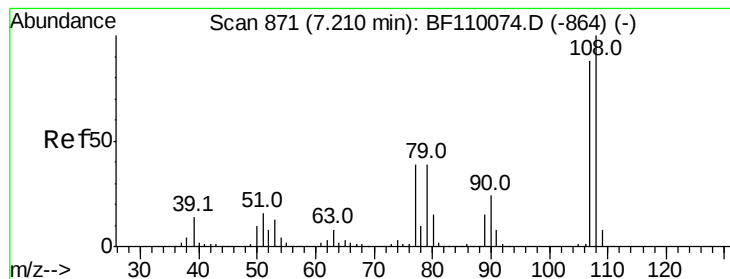
Ion Ratio Lower Upper

45 100

77 13.9 10.0 50.0

79 9.9 6.1 46.1

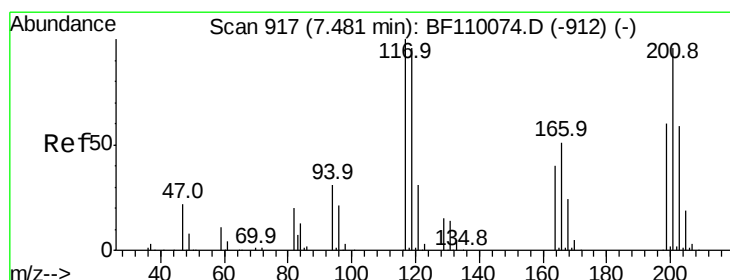
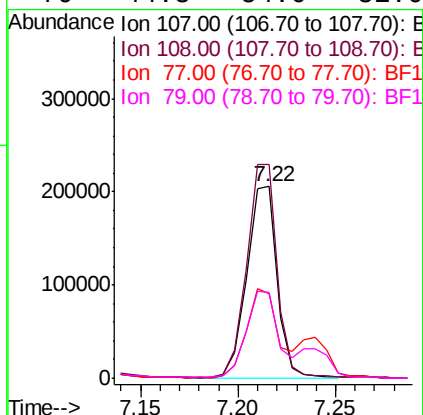
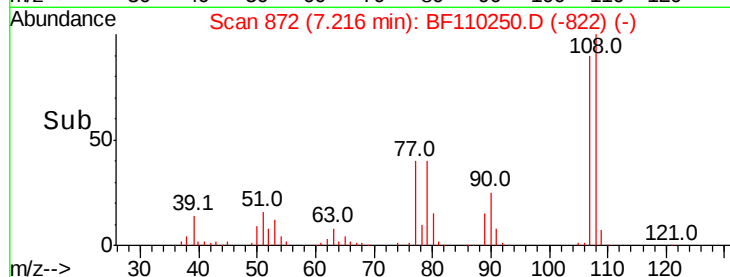
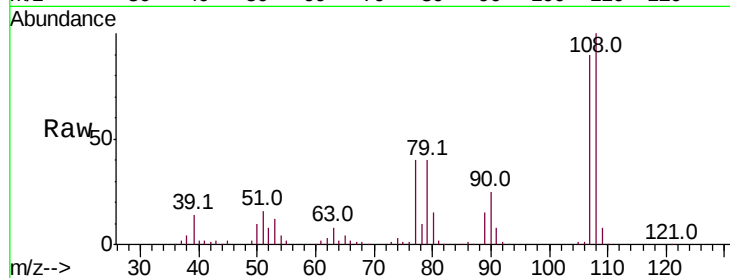




#17
2-Methylphenol
Concen: 39.811 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF110250.D
Acq: 29 Oct 2018 9:40

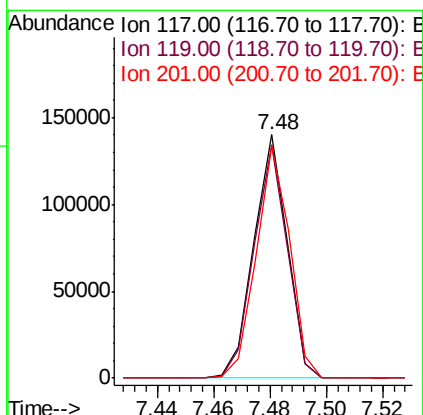
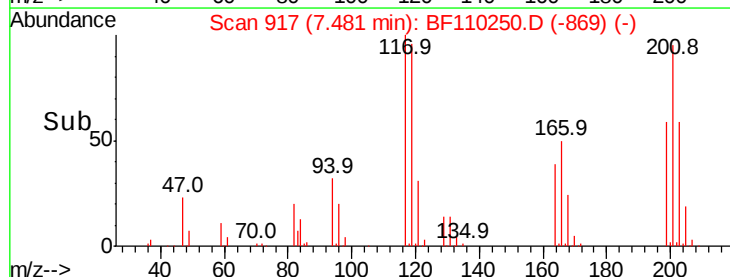
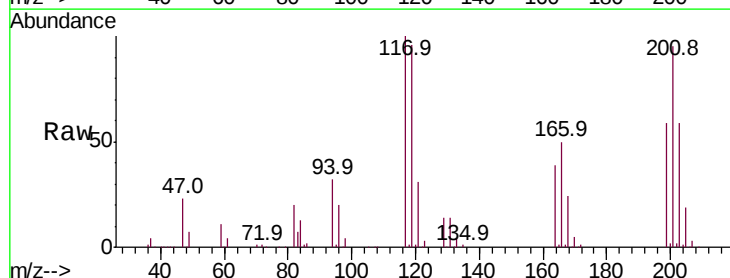
Instrument :
BNA_F
ClientSampleId :

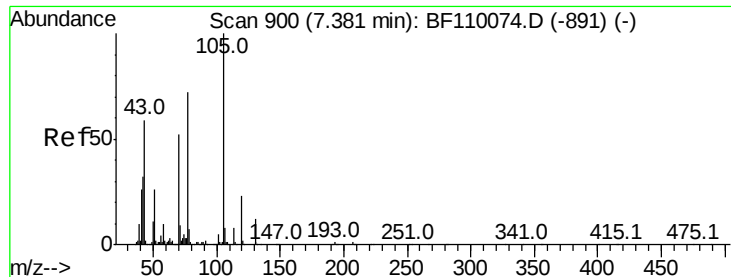
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.6	92.6	138.8
77	44.3	59.4	89.2#
79	44.8	54.0	81.0#



#18
Hexachloroethane
Concen: 40.663 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110250.D
Acq: 29 Oct 2018 9:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.0	112.6
201	95.3	79.2	118.8

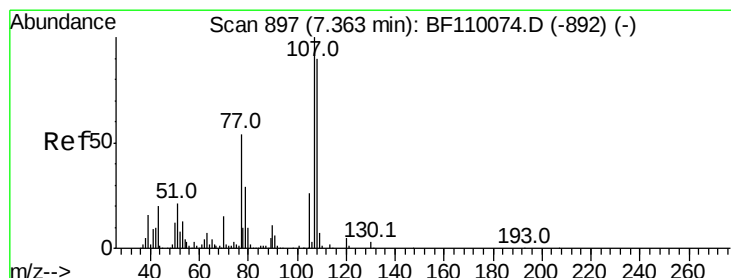
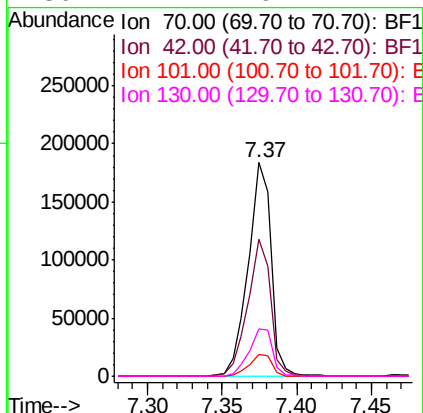
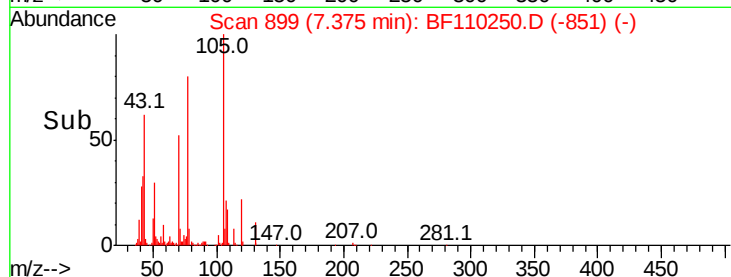
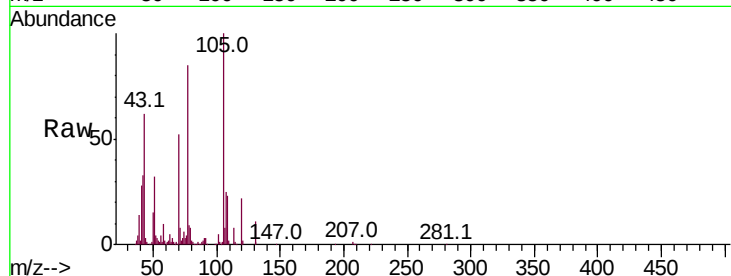




#19
n-Nitroso-di-n-propylamine
Concen: 39.557 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF110250.D
Acq: 29 Oct 2018 9:40

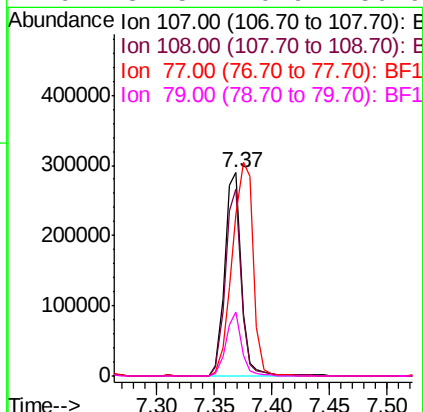
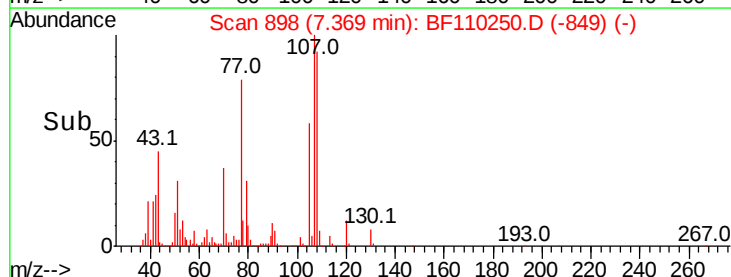
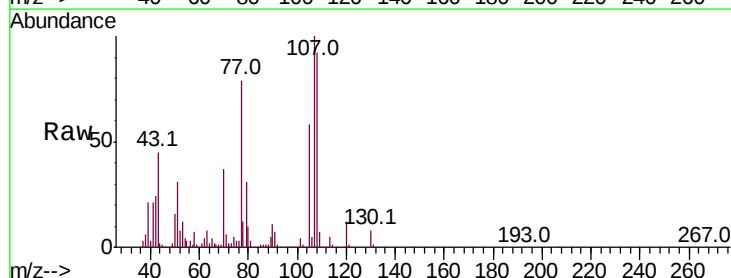
Instrument :
BNA_F
ClientSampled :

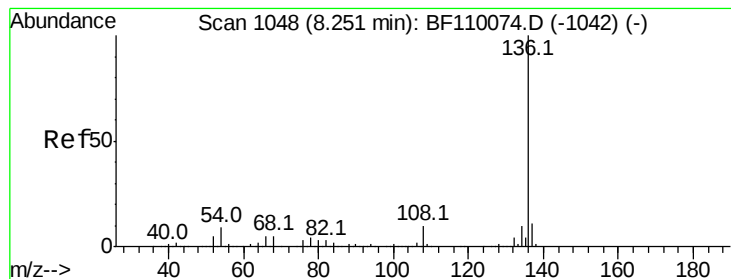
Tot Ion:	70	Resp:	195138
Ion	Ratio	Lower	Upper
70	100		
42	64.3	47.4	71.2
101	10.0	7.3	10.9
130	22.2	16.2	24.2



#20
3+4-Methylphenols
Concen: 40.813 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF110250.D
Acq: 29 Oct 2018 9:40

Tgt Ion:	107	Resp:	291403
Ion	Ratio	Lower	Upper
107	100		
108	92.0	71.4	111.4
77	79.4	47.3	87.3
79	31.5	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110250.D

Acq: 29 Oct 2018 9:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 419339

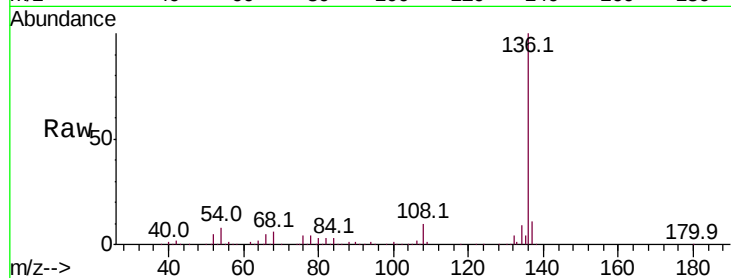
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.4 5.4 8.2#

68 5.6 4.2 6.2

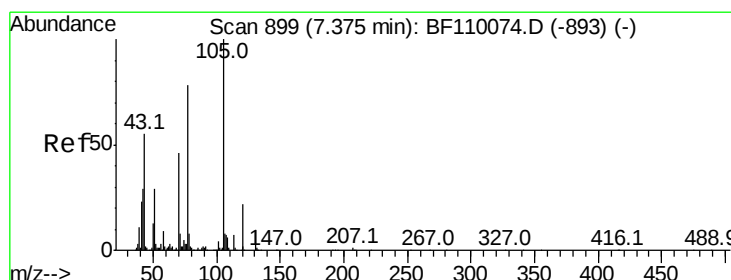
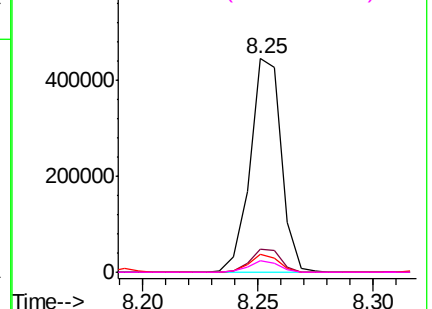
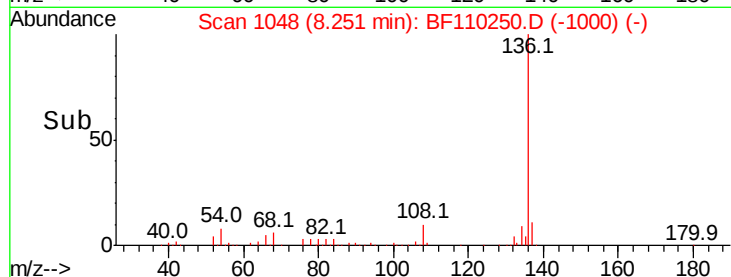


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.967 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF110250.D

Acq: 29 Oct 2018 9:40

Tgt Ion:105 Resp: 386178

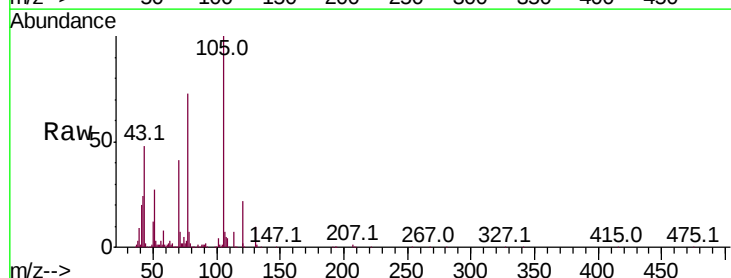
Ion Ratio Lower Upper

105 100

71 6.9 5.2 7.8

51 26.8 21.8 32.8

120 22.2 17.0 25.4

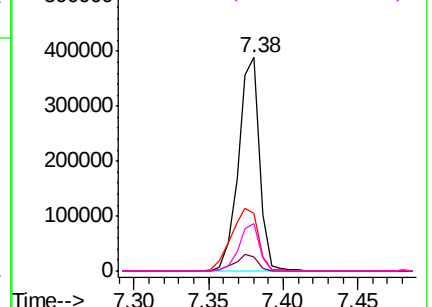
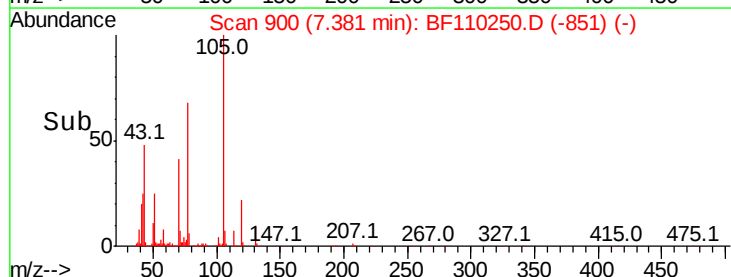


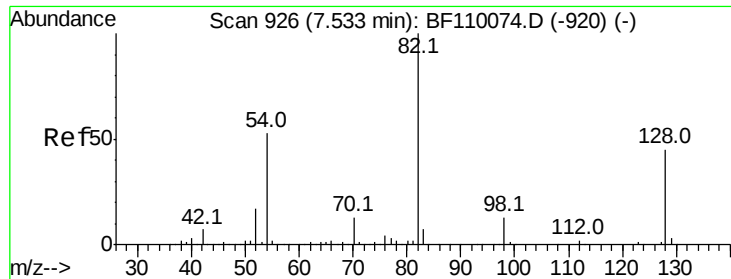
Abundance Ion 105.00 (104.70 to 105.70): E

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

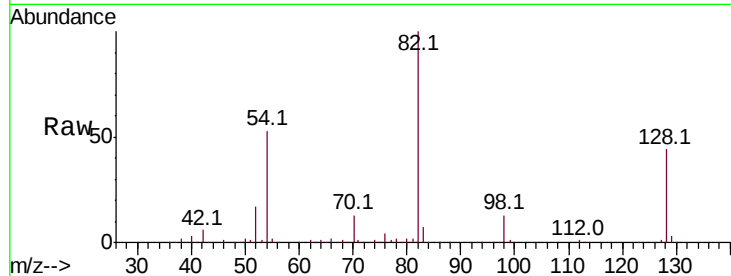




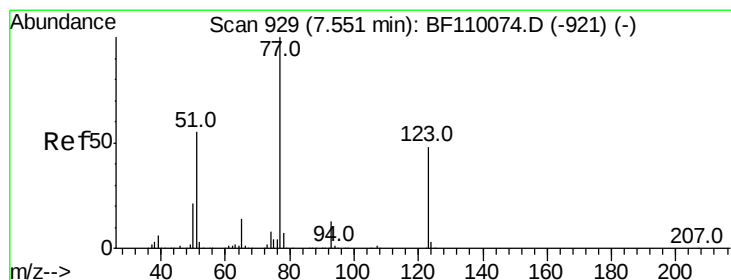
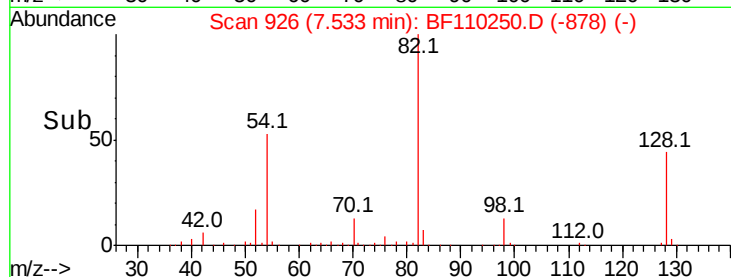
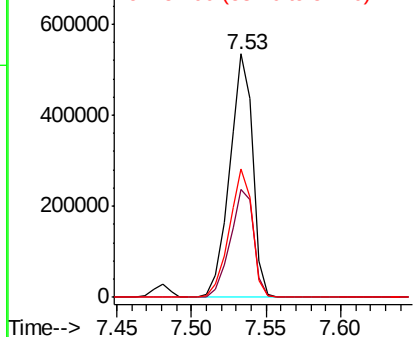
#23
 Nitrobenzene-d5
 Concen: 82.135 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110250.D
 Acq: 29 Oct 2018 9:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	580687
Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.2	51.2
54	53.0	38.6	58.0

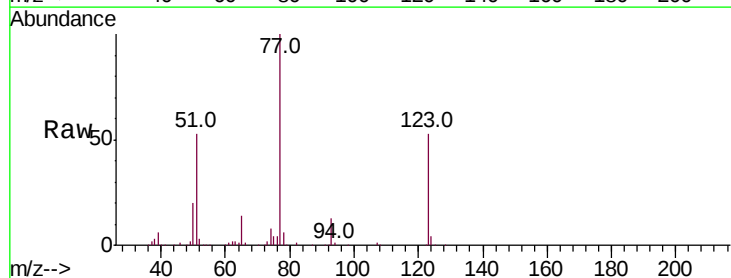


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

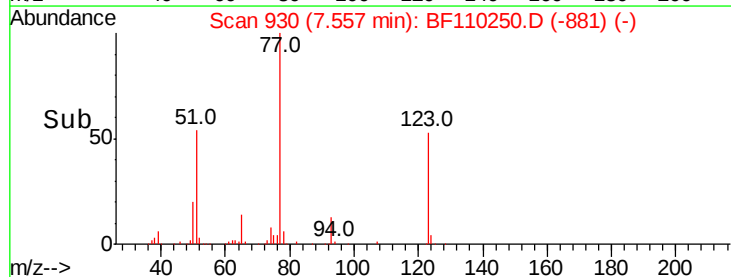
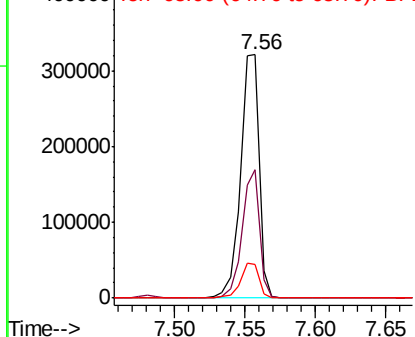


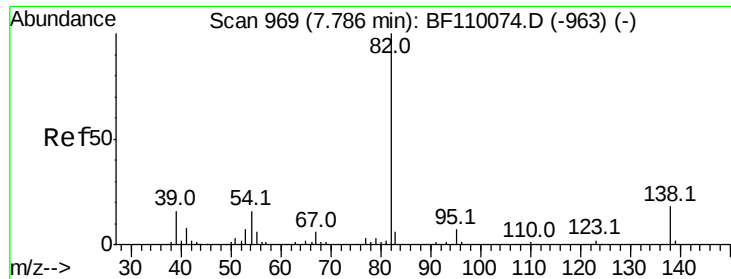
#24
 Nitrobenzene
 Concen: 40.450 ng
 RT: 7.56 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF110250.D
 Acq: 29 Oct 2018 9:40

Tgt Ion	77	Resp	295253
Ion	Ratio	Lower	Upper
77	100		
123	52.9	35.7	53.5
65	14.1	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

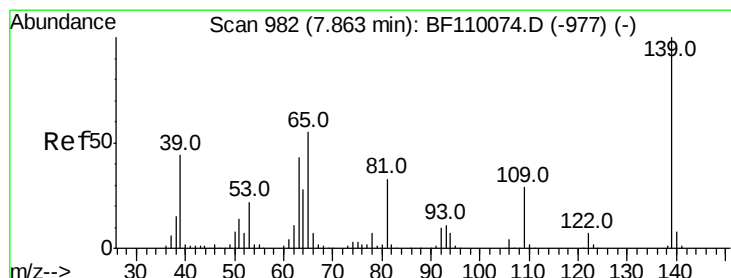
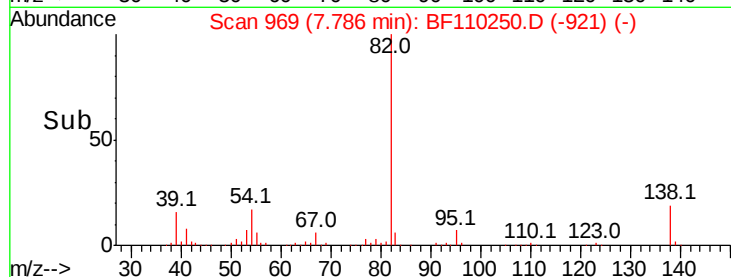
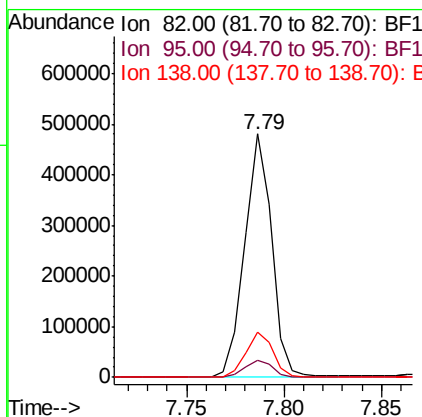
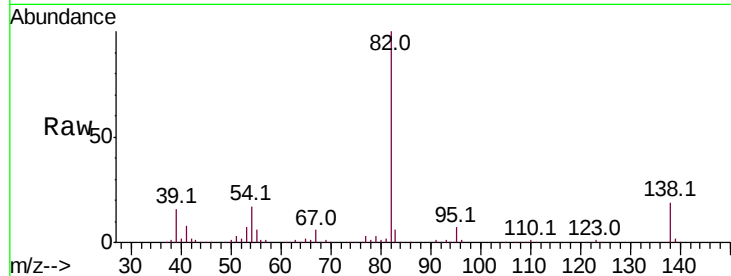




#25
Isophorone
Concen: 38.513 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF110250.D
Acq: 29 Oct 2018 9:40

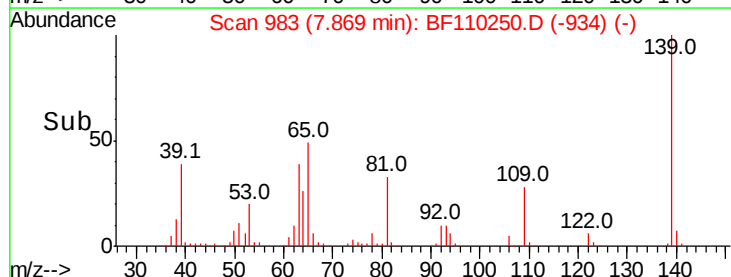
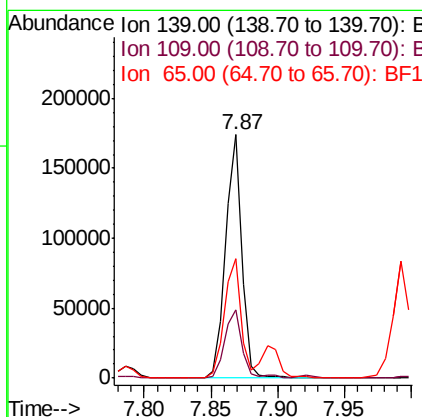
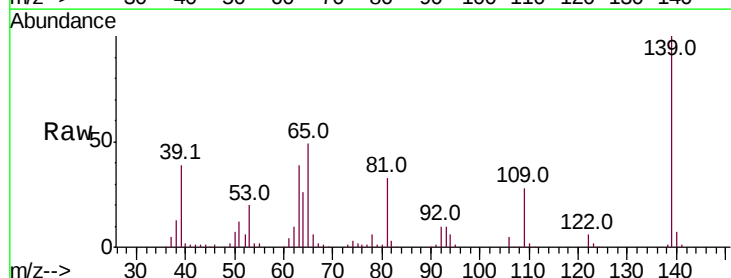
Instrument :
BNA_F
ClientSampleId :

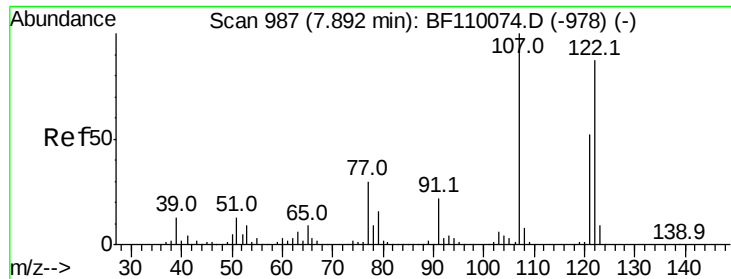
Tot Ion	82	Resp	464137
Ion Ratio	100	Lower	Upper
95	7.2	5.7	8.5
138	18.6	13.2	19.8



#26
2-Nitrophenol
Concen: 43.517 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110250.D
Acq: 29 Oct 2018 9:40

Tgt Ion	139	Resp	151152
Ion Ratio	100	Lower	Upper
109	28.1	25.0	37.6
65	49.3	44.0	66.0

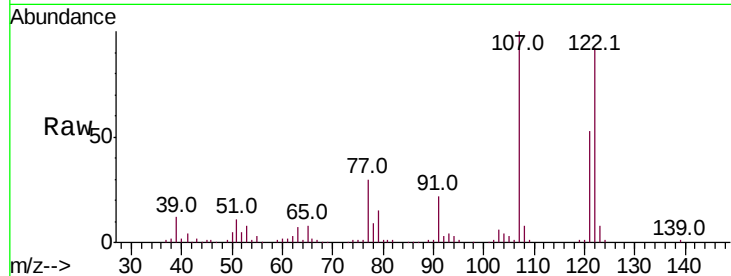




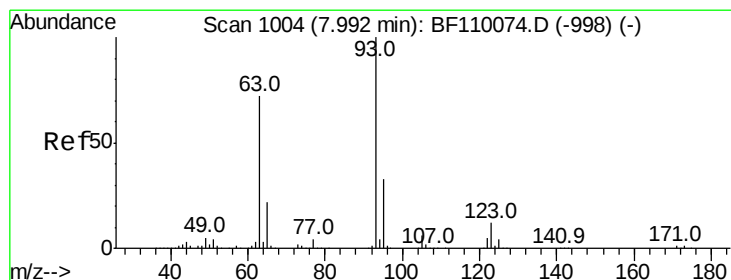
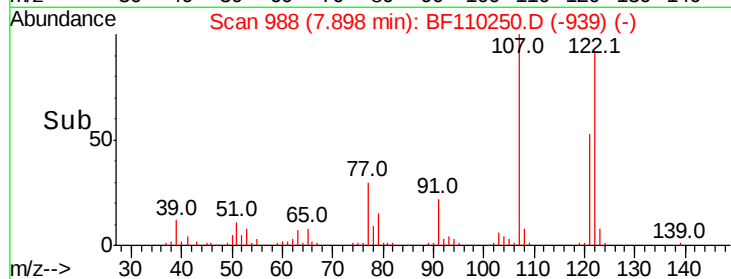
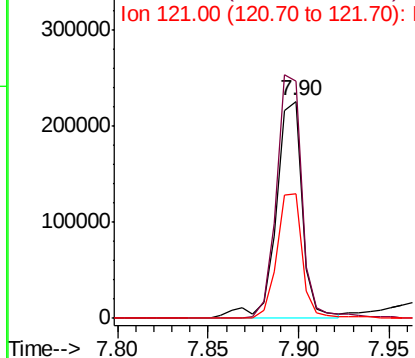
#27
 2,4-Dimethylphenol
 Concen: 39.358 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BF110250.D
 Acq: 29 Oct 2018 9:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 226653
 Ion Ratio Lower Upper
 122 100
 107 109.1 92.5 138.7
 121 57.3 45.8 68.8

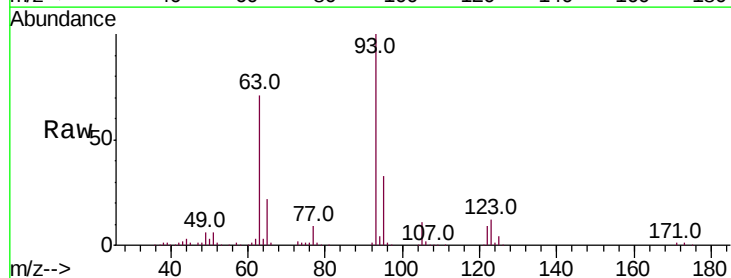


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

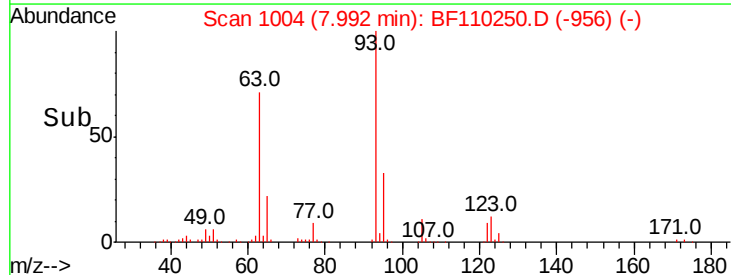
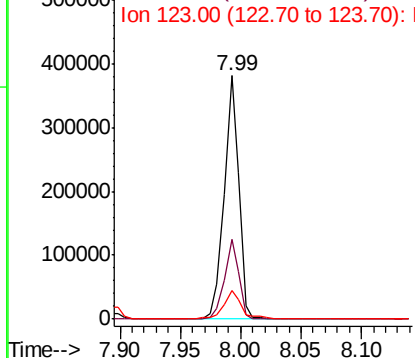


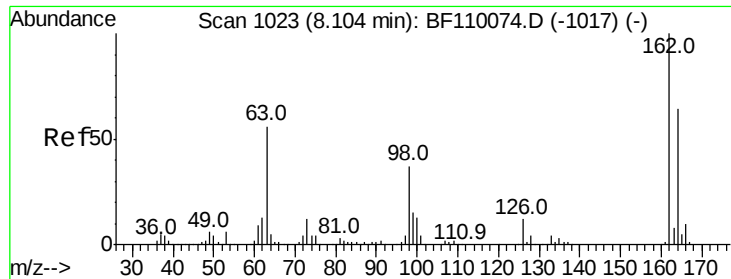
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.002 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.02 min
 Lab File: BF110250.D
 Acq: 29 Oct 2018 9:40

Tgt Ion: 93 Resp: 319304
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.4 39.6
 123 11.9 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

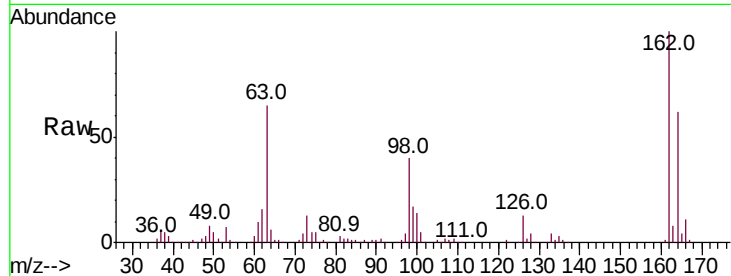




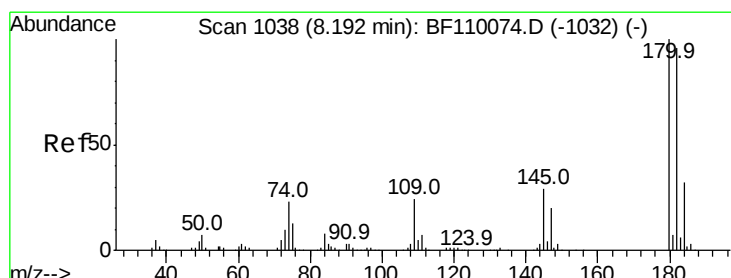
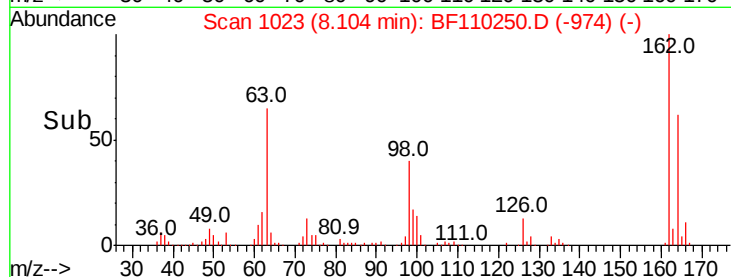
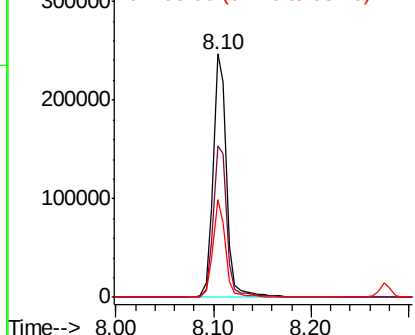
#29
 2,4-Dichlorophenol
 Concen: 40.544 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF110250.D
 Acq: 29 Oct 2018 9:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	44.6	84.6
98	40.0	17.4	57.4

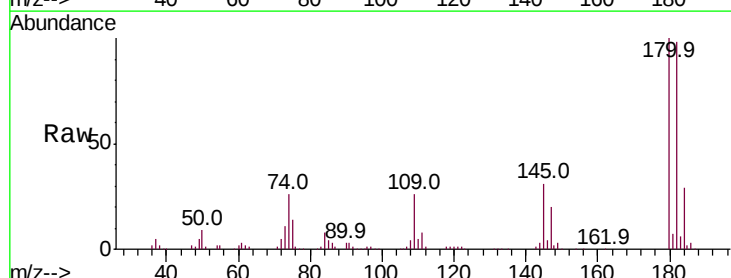


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

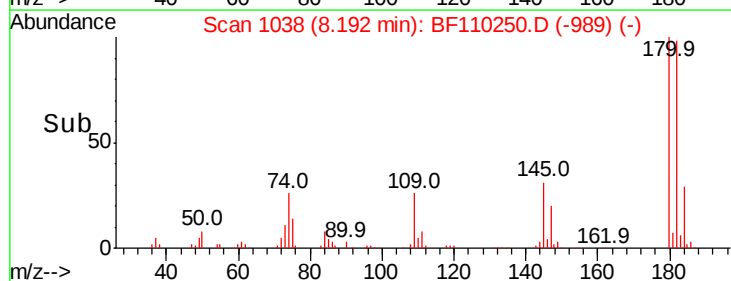
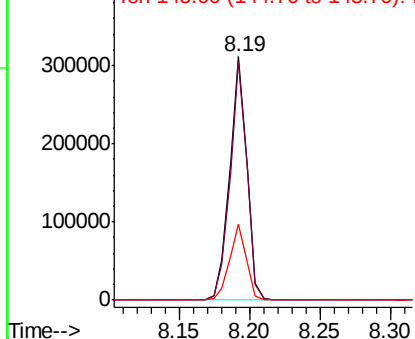


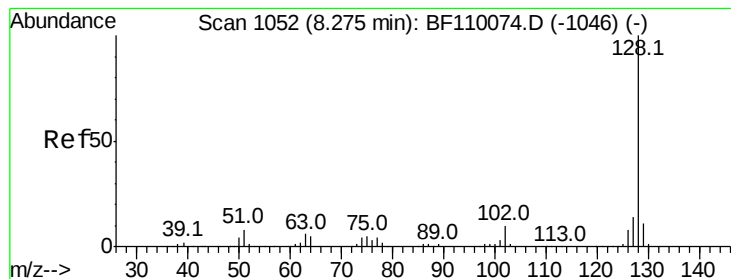
#30
 1,2,4-Trichlorobenzene
 Concen: 40.213 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF110250.D
 Acq: 29 Oct 2018 9:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	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: 39.987 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF110250.D

Acq: 29 Oct 2018 9:40

Instrument :

BNA_F

ClientSampleId :

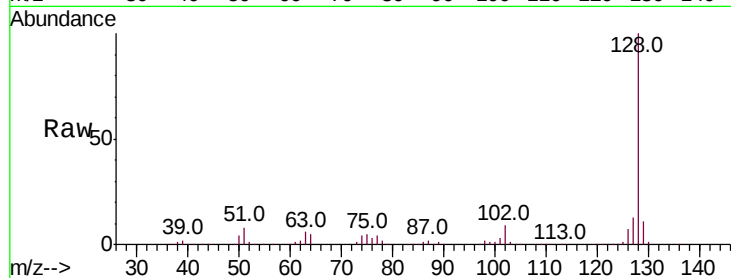
Tot Ion:128 Resp: 772822

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

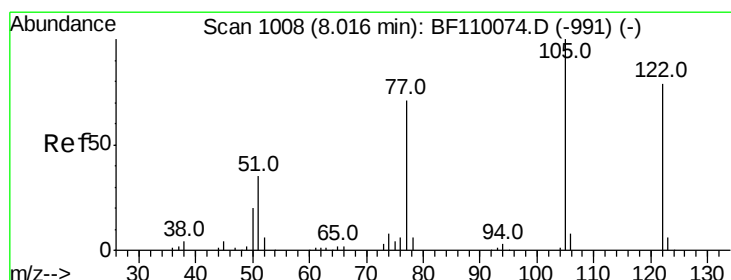
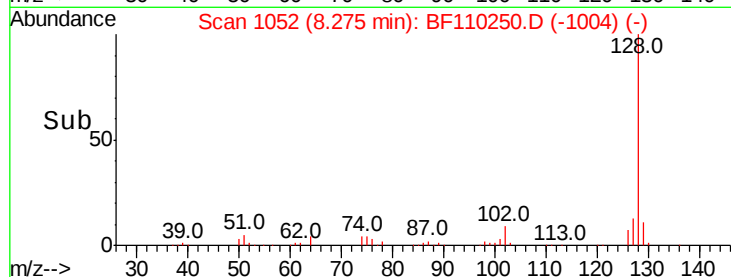
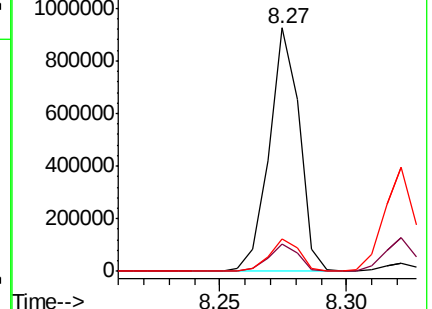
127 13.1 10.8 16.2



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: 40.868 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BF110250.D

Acq: 29 Oct 2018 9:40

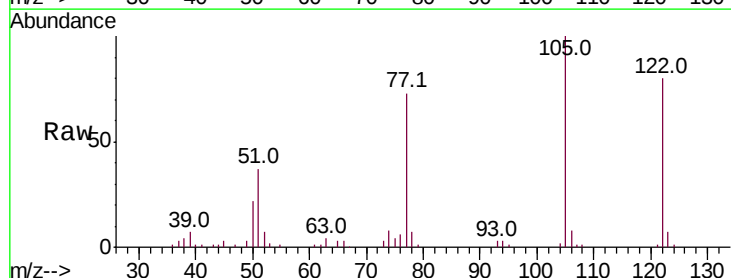
Tgt Ion:122 Resp: 181899

Ion Ratio Lower Upper

122 100

105 124.9 109.0 149.0

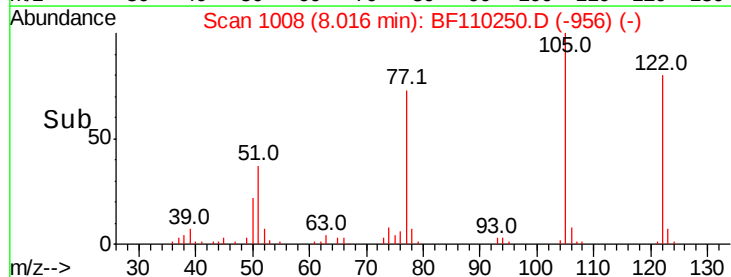
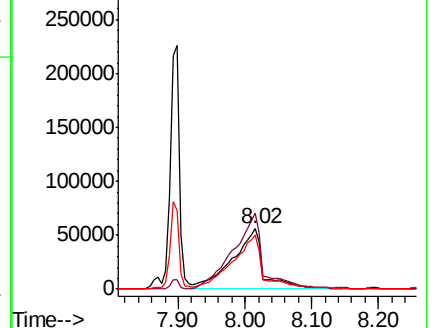
77 90.6 79.0 119.0

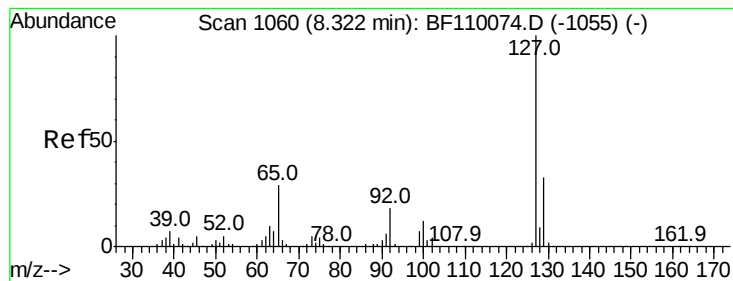


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 39.792 ng

RT: 8.32 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF110250.D

Acq: 29 Oct 2018 9:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 346119

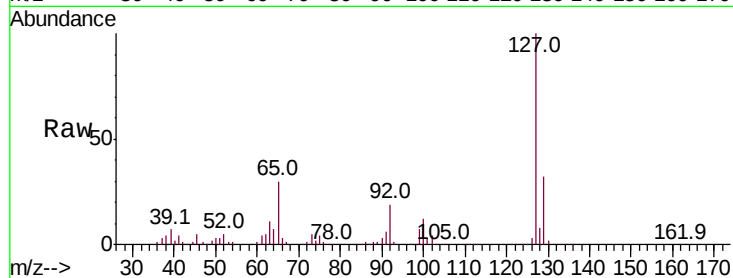
Ion Ratio Lower Upper

127 100

129 32.4 26.0 39.0

65 29.5 25.1 37.7

92 18.6 15.0 22.6

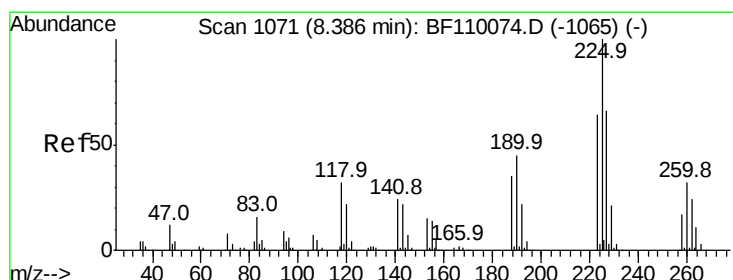
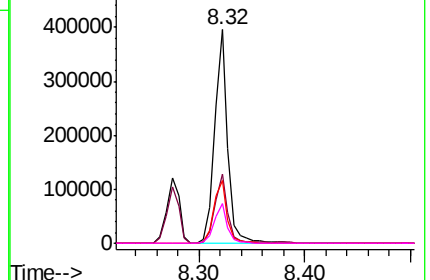
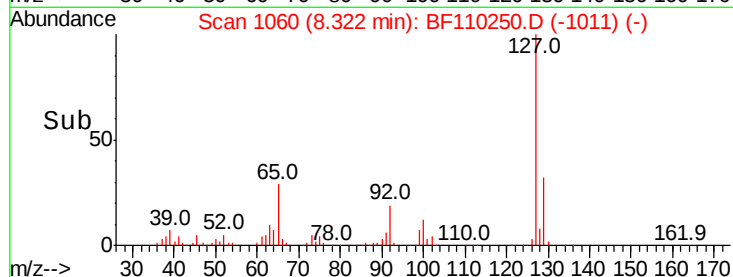


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.205 ng

RT: 8.39 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BF110250.D

Acq: 29 Oct 2018 9:40

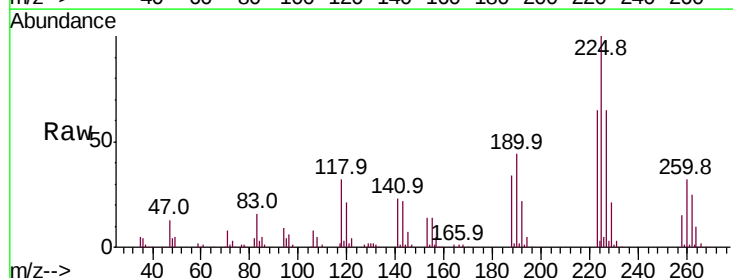
Tgt Ion:225 Resp: 149096

Ion Ratio Lower Upper

225 100

223 64.6 51.4 77.2

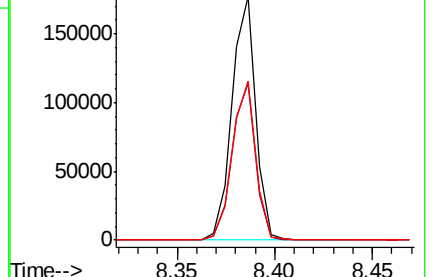
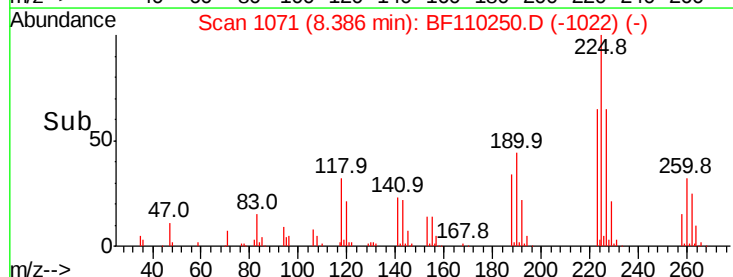
227 65.2 51.0 76.6

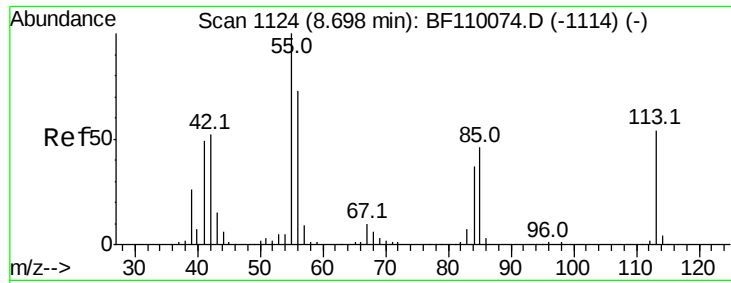


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

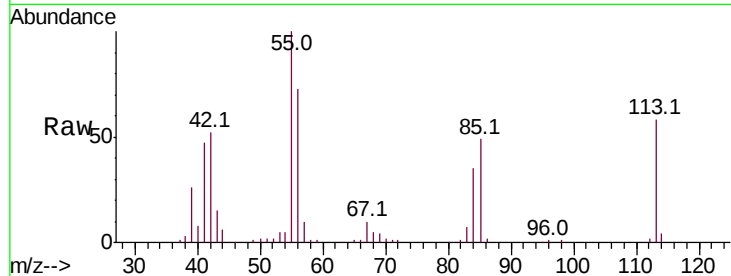




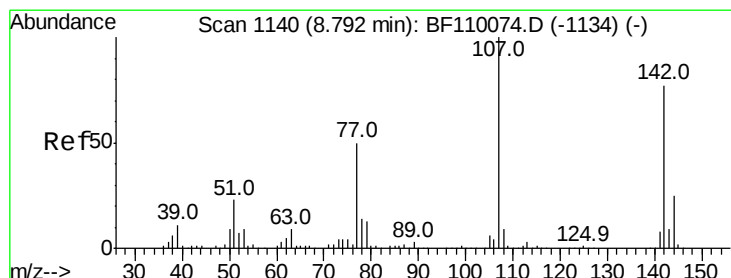
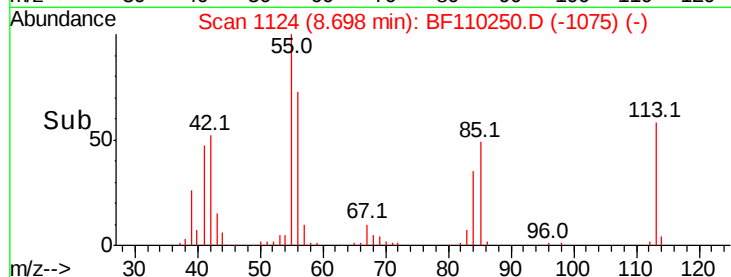
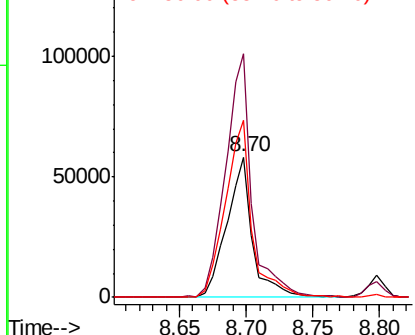
#35
 Caprolactam
 Concen: 38.981 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF110250.D
 Acq: 29 Oct 2018 9:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 79047
 Ion Ratio Lower Upper
 113 100
 55 173.3 142.8 182.8
 56 126.0 105.0 145.0

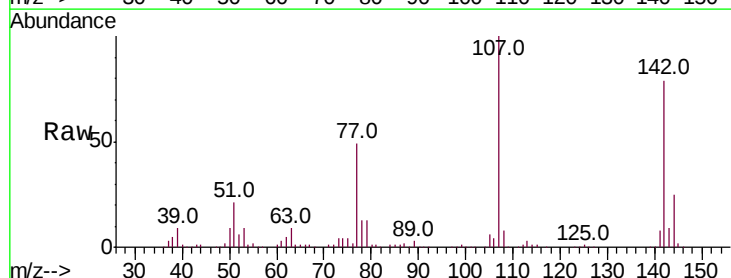


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

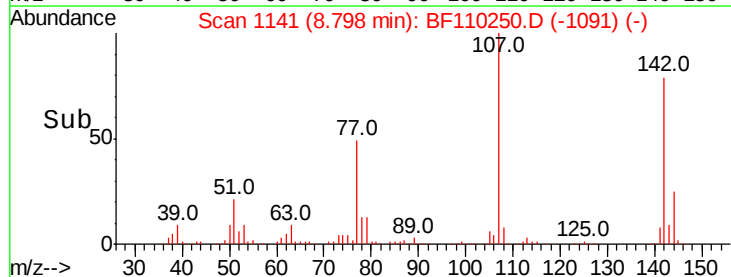
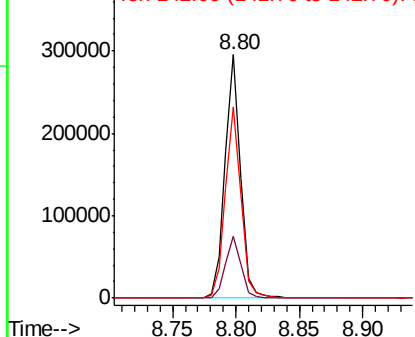


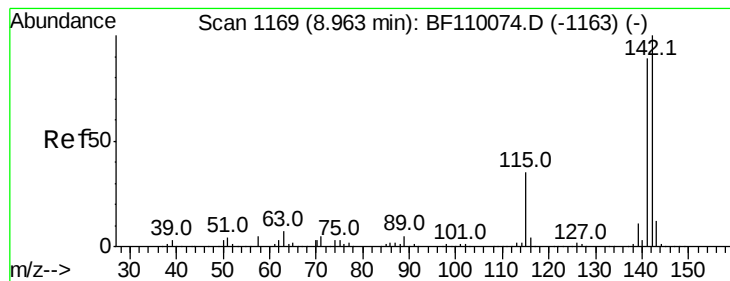
#36
 4-Chloro-3-methylphenol
 Concen: 40.217 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF110250.D
 Acq: 29 Oct 2018 9:40

Tgt Ion:107 Resp: 253018
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.0 30.0
 142 78.7 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: 40.525 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF110250.D

Acq: 29 Oct 2018 9:40

Instrument :

BNA_F

ClientSampleId :

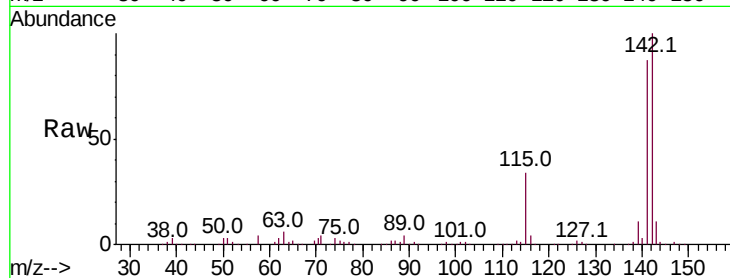
Tot Ion:142 Resp: 518203

Ion Ratio Lower Upper

142 100

141 87.2 71.4 107.2

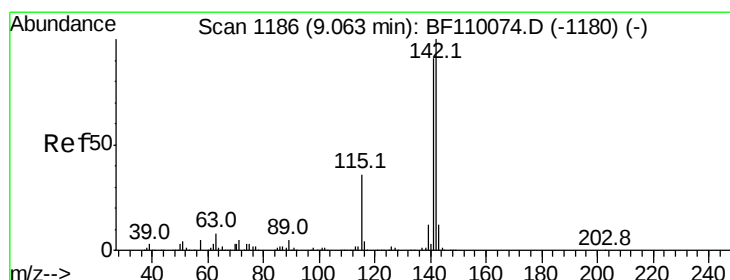
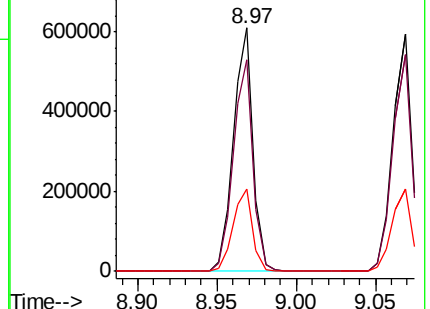
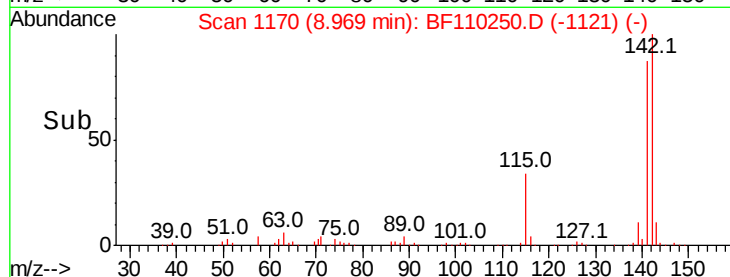
115 33.6 28.7 43.1



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: 39.610 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF110250.D

Acq: 29 Oct 2018 9:40

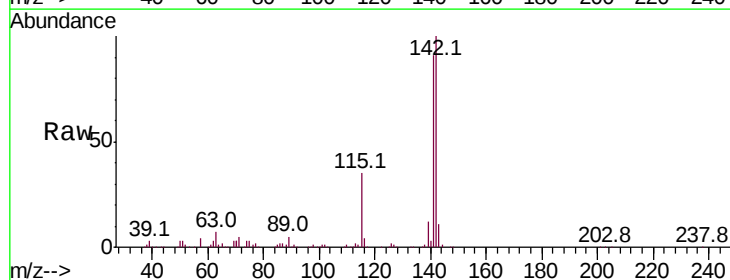
Tgt Ion:142 Resp: 489474

Ion Ratio Lower Upper

142 100

141 91.2 74.2 111.4

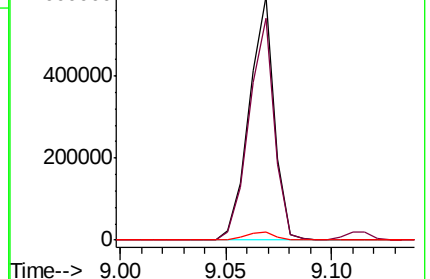
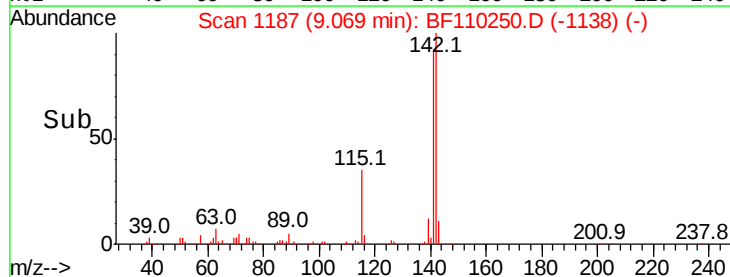
116 3.5 2.6 4.0

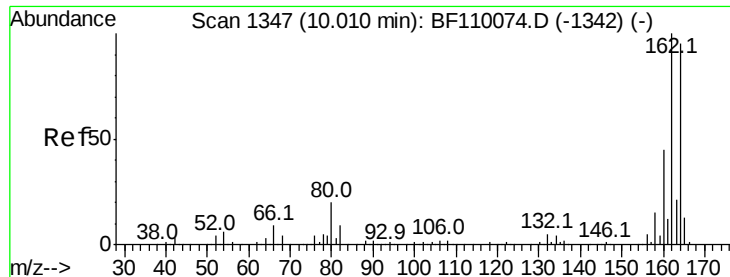


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF110250.D

Acq: 29 Oct 2018 9:40

Instrument :

BNA_F

ClientSampleId :

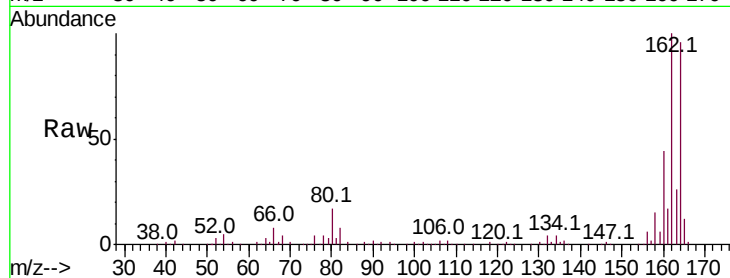
Tot Ion:164 Resp: 202313

Ion Ratio Lower Upper

164 100

162 104.4 83.0 124.6

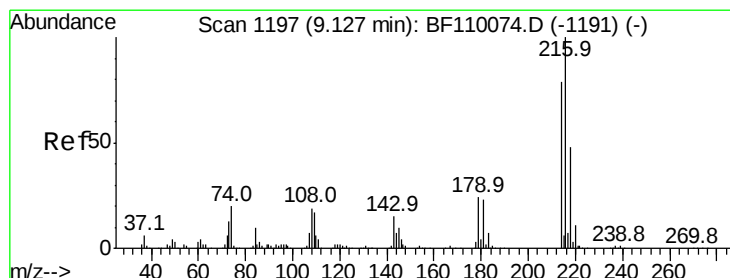
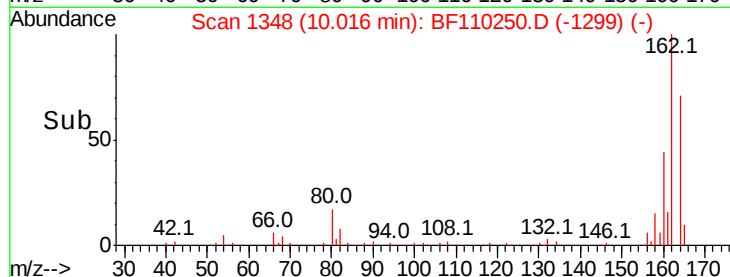
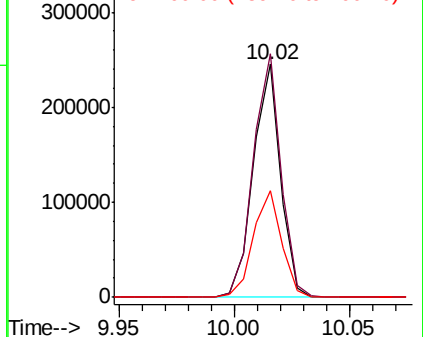
160 45.6 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.502 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF110250.D

Acq: 29 Oct 2018 9:40

Tgt Ion:216 Resp: 255311

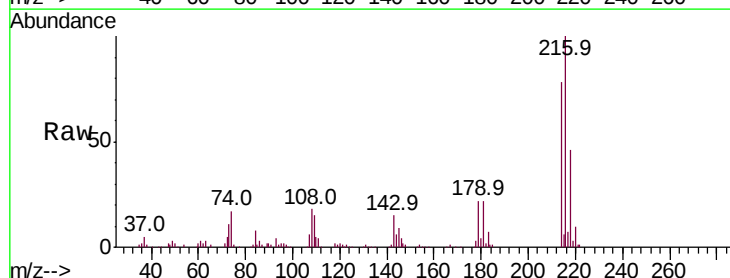
Ion Ratio Lower Upper

216 100

214 78.6 63.8 95.6

179 22.5 16.6 25.0

108 19.7 15.1 22.7

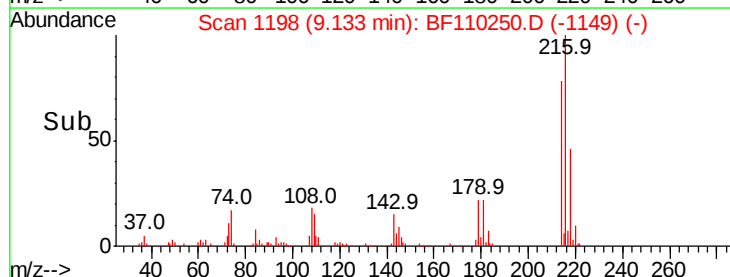
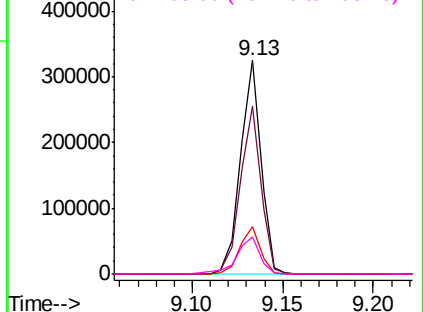


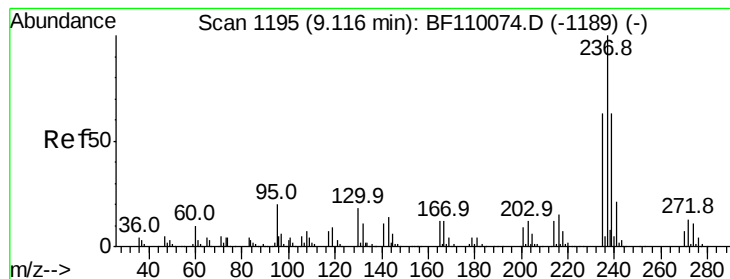
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.087 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110250.D

Acq: 29 Oct 2018 9:40

Instrument :

BNA_F

ClientSampleId :

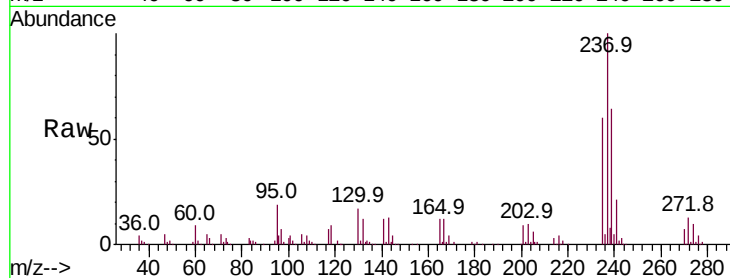
Tot Ion:237 Resp: 129211

Ion Ratio Lower Upper

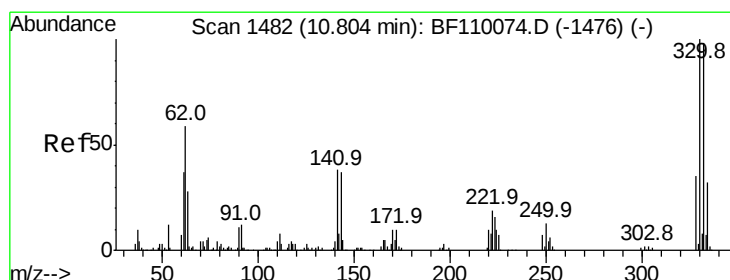
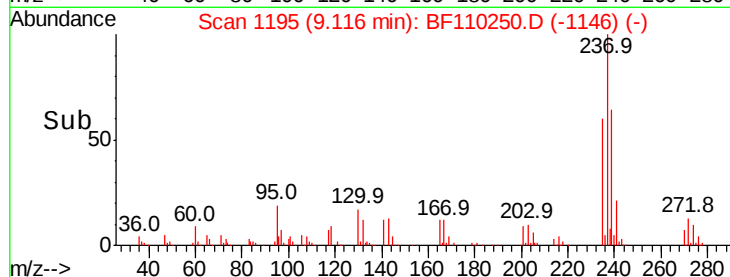
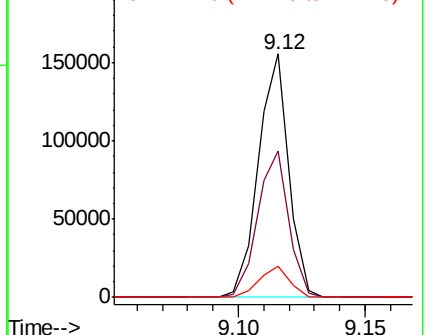
237 100

235 60.1 43.1 83.1

272 13.0 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: 81.122 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF110250.D

Acq: 29 Oct 2018 9:40

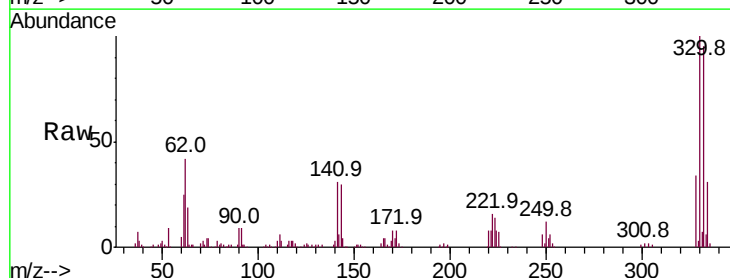
Tgt Ion:330 Resp: 162572

Ion Ratio Lower Upper

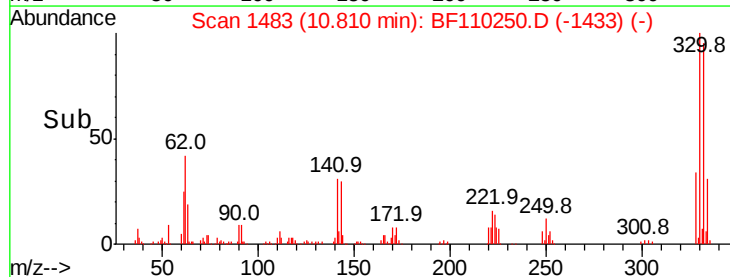
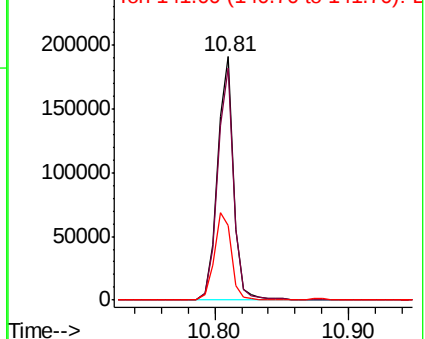
330 100

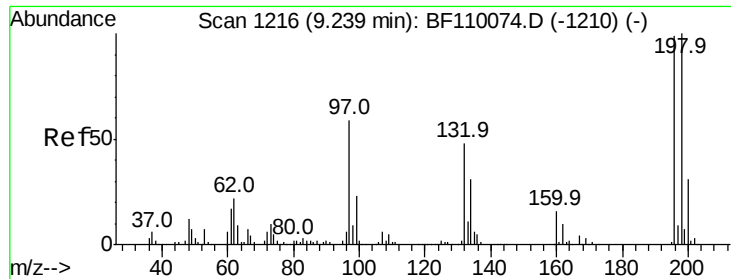
332 96.0 77.1 115.7

141 38.4 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

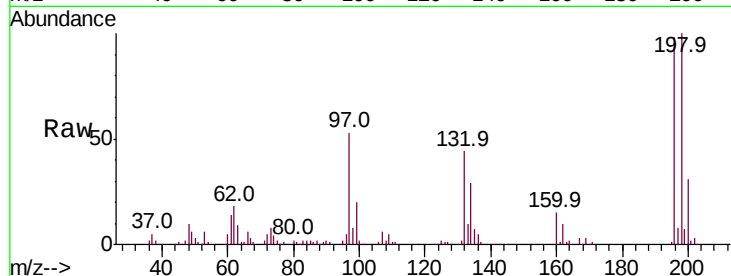




#43
 2,4,6-Trichlorophenol
 Concen: 40.185 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF110250.D
 Acq: 29 Oct 2018 9:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	102.0	76.2	114.4
200	32.1	24.4	36.6

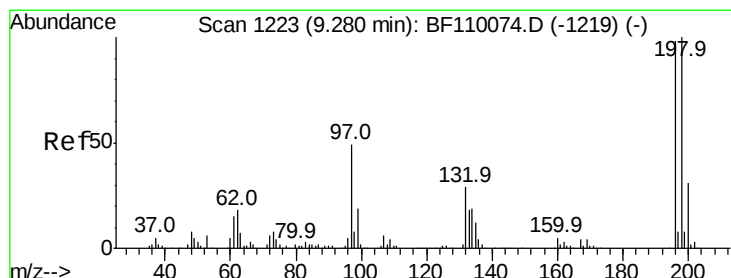
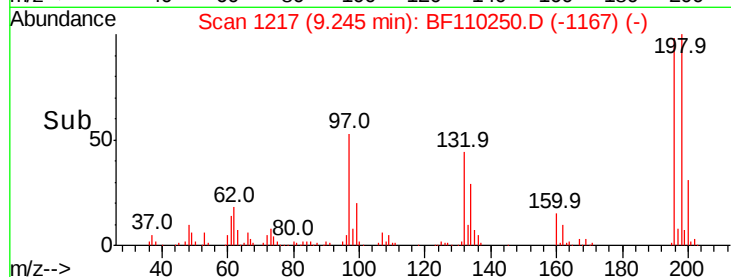
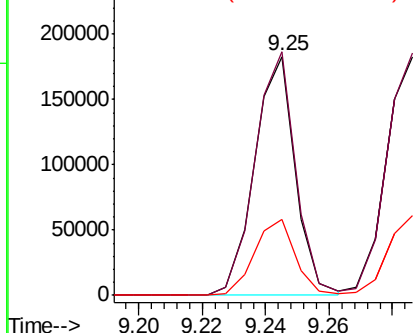


Abundance

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: 40.292 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF110250.D
 Acq: 29 Oct 2018 9:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.6	75.8	113.6
97	48.9	42.4	63.6
132	29.2	22.8	34.2

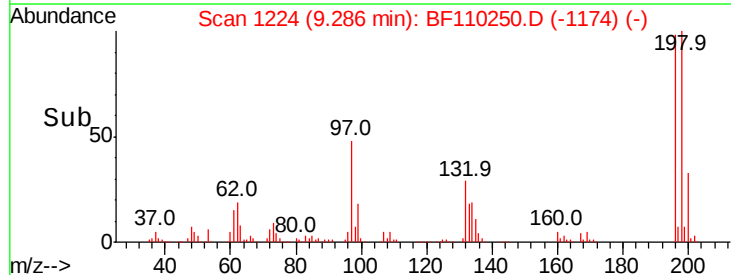
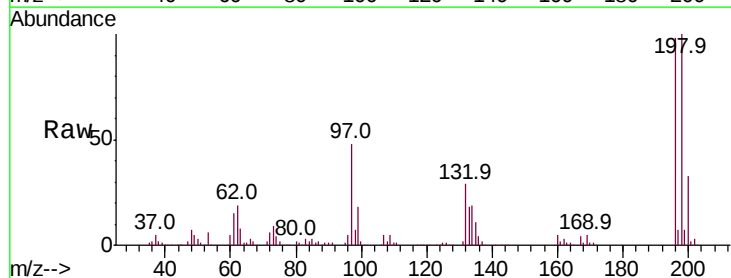
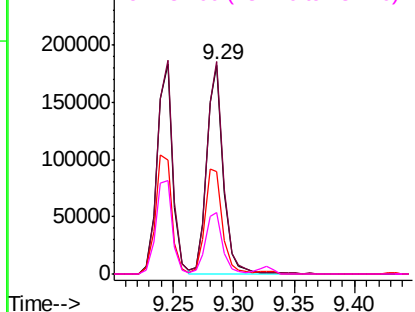
Abundance

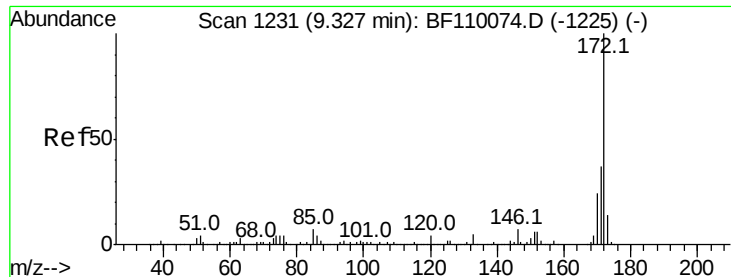
Ion 196.00 (195.70 to 196.70): E

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



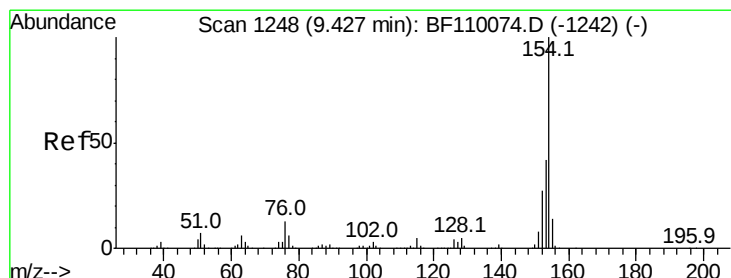
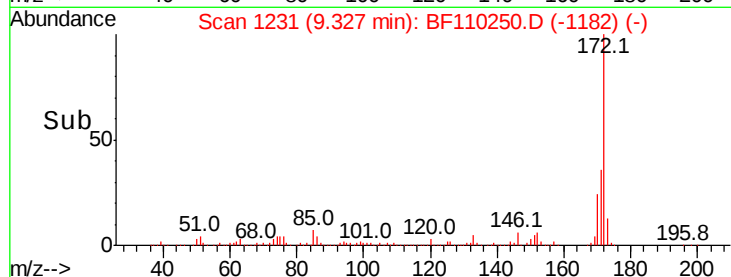
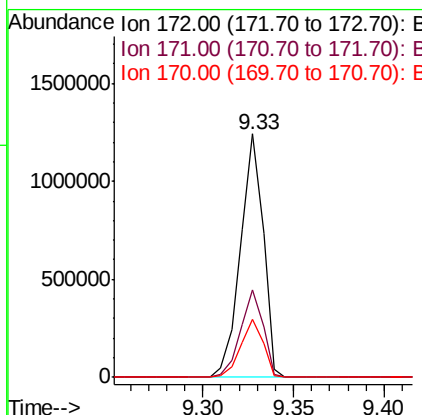
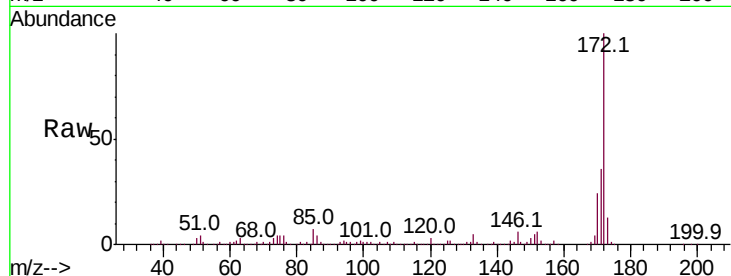


#45
 2-Fluorobiphenyl
 Concen: 83.918 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110250.D
 Acq: 29 Oct 2018 9:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1081206

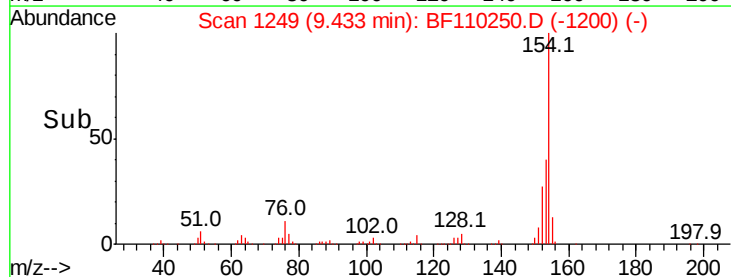
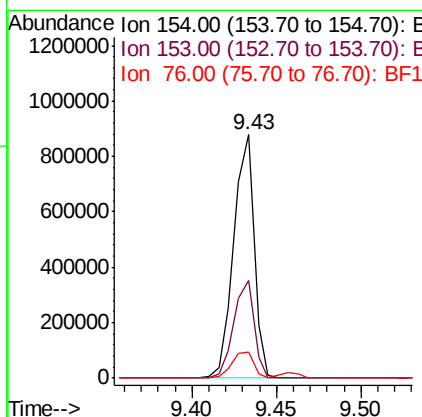
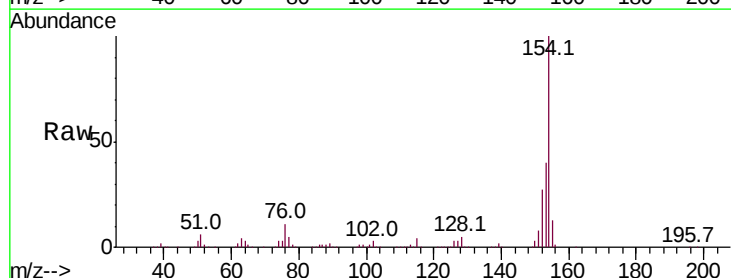
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.7	19.7	29.5

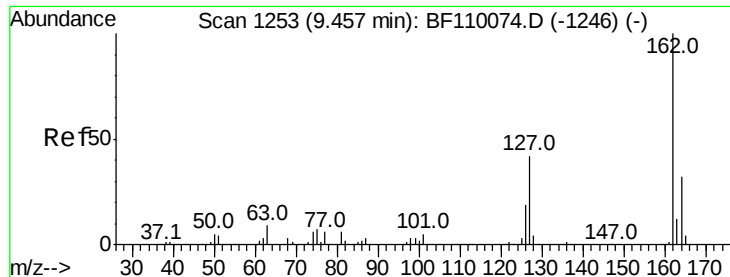


#46
 1,1'-Biphenyl
 Concen: 40.210 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF110250.D
 Acq: 29 Oct 2018 9:40

Tgt Ion:154 Resp: 735645

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.4	60.4
76	10.7	0.0	31.9

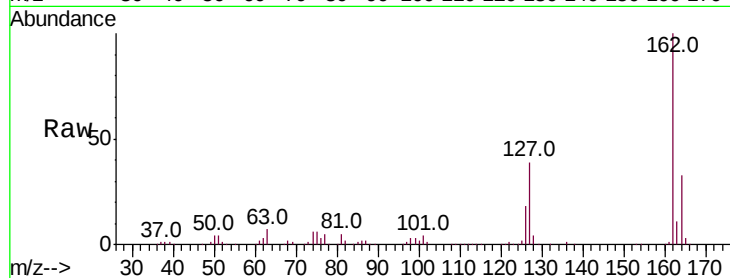




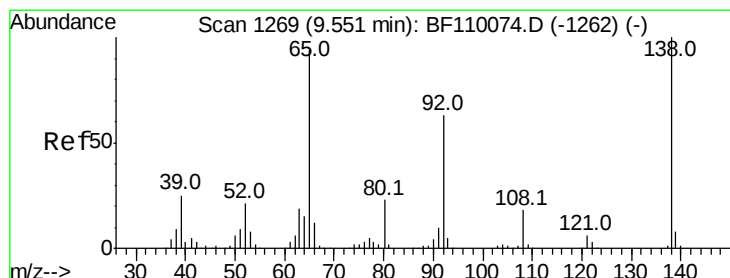
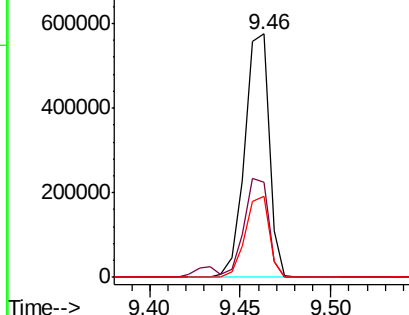
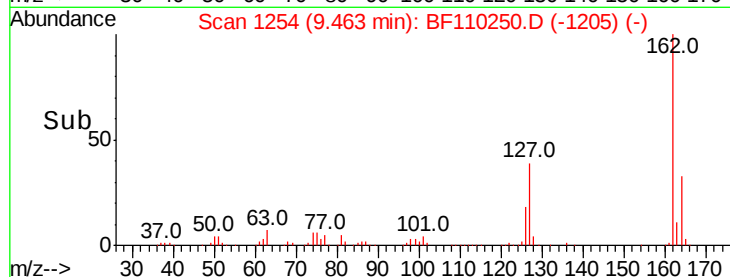
#47
 2-Chloronaphthalene
 Concen: 40.235 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF110250.D
 Acq: 29 Oct 2018 9:40

Instrument :
 BNA_F
 ClientSampleId :

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

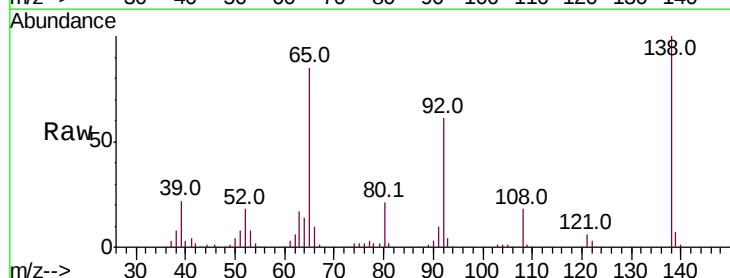


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

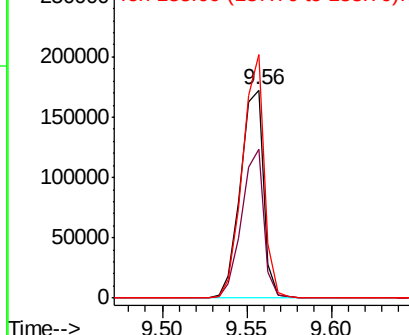
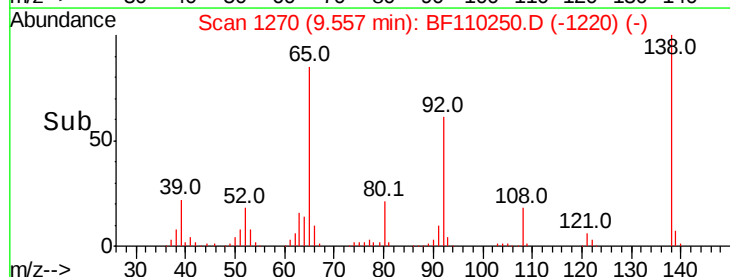


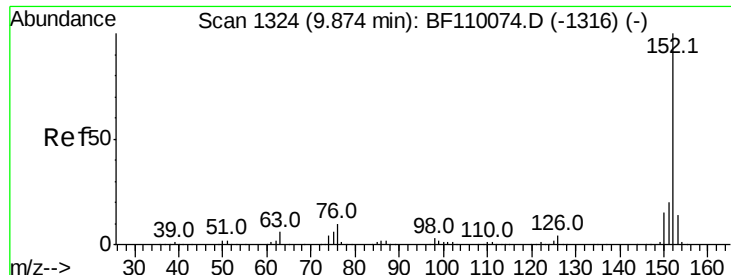
#48
 2-Nitroaniline
 Concen: 40.659 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF110250.D
 Acq: 29 Oct 2018 9:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.4	54.6	81.8
138	117.1	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: 39.892 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF110250.D

Acq: 29 Oct 2018 9:40

Instrument :

BNA_F

ClientSampleId :

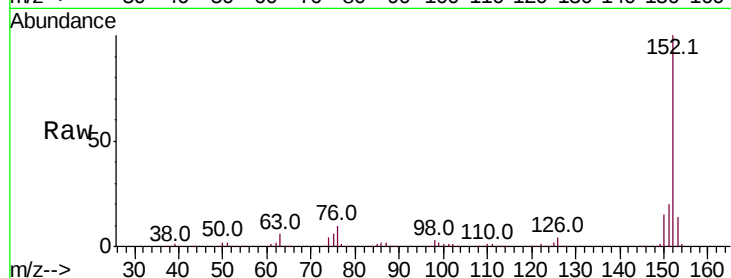
Tot Ion:152 Resp: 773238

Ion Ratio Lower Upper

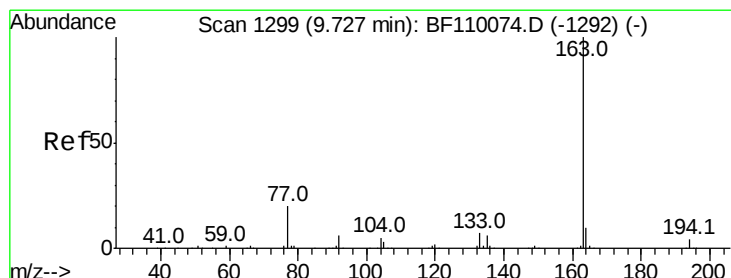
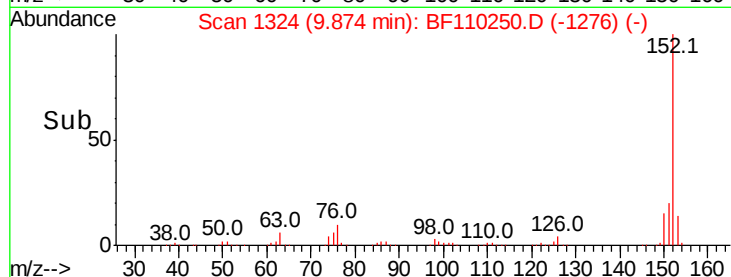
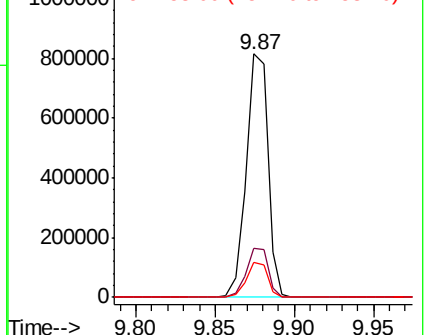
152 100

151 20.3 15.8 23.8

153 14.3 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: 39.692 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF110250.D

Acq: 29 Oct 2018 9:40

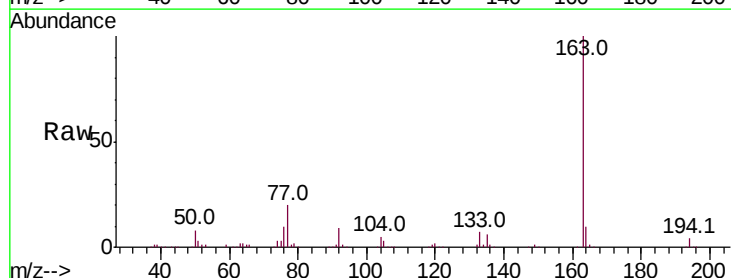
Tgt Ion:163 Resp: 592770

Ion Ratio Lower Upper

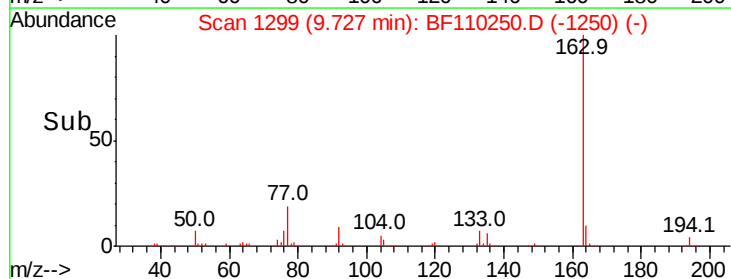
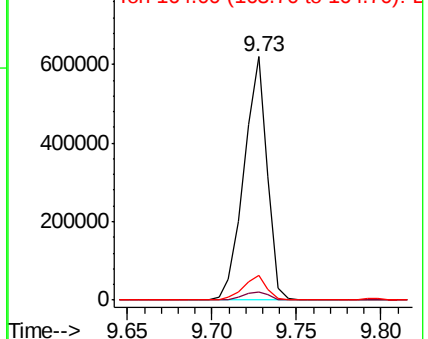
163 100

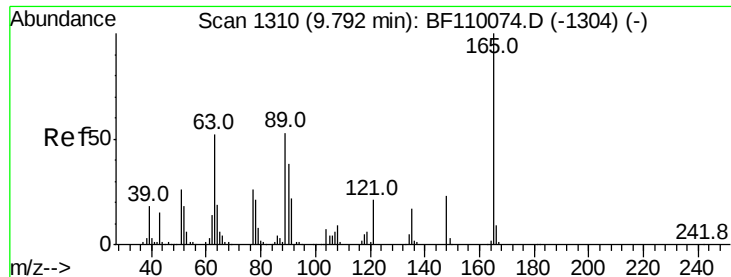
194 3.6 3.2 4.8

164 10.1 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: 41.046 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF110250.D

Acq: 29 Oct 2018 9:40

Instrument :

BNA_F

ClientSampleId :

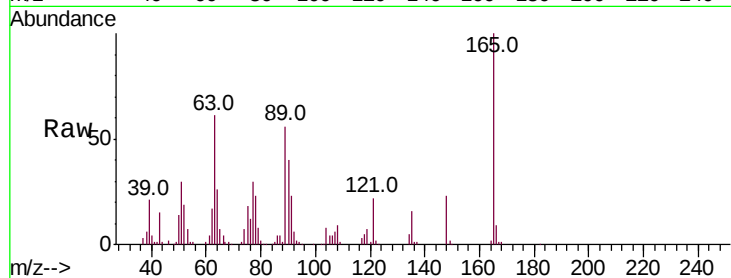
Tot Ion:165 Resp: 132040

Ion Ratio Lower Upper

165 100

63 61.4 48.9 73.3

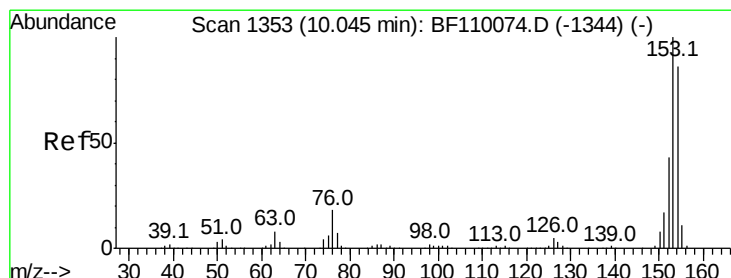
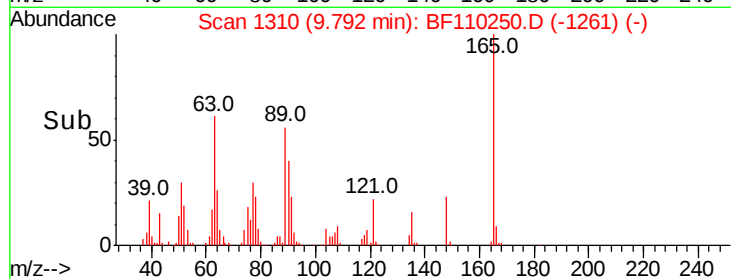
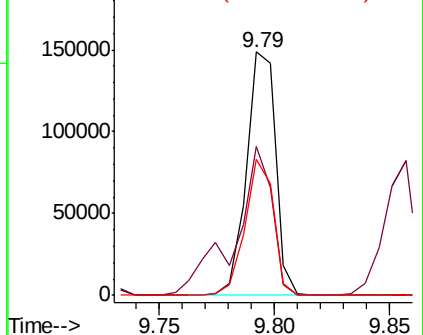
89 56.1 46.6 69.8



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: 38.560 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF110250.D

Acq: 29 Oct 2018 9:40

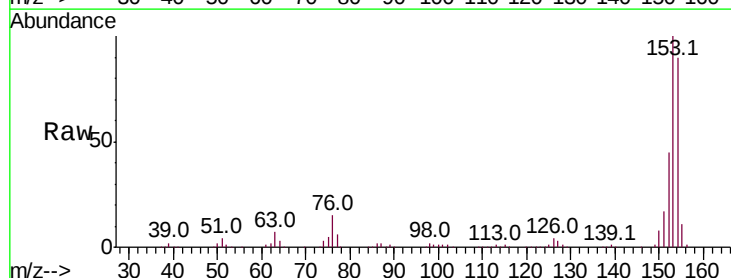
Tgt Ion:154 Resp: 494446

Ion Ratio Lower Upper

154 100

153 111.6 90.1 135.1

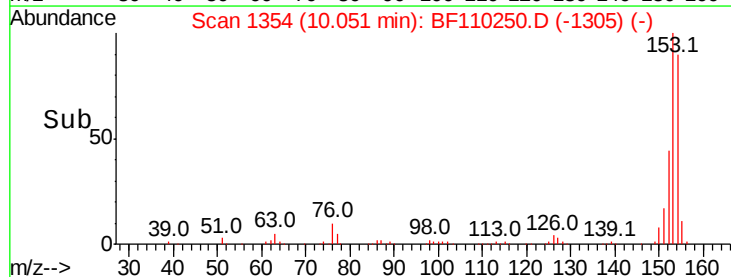
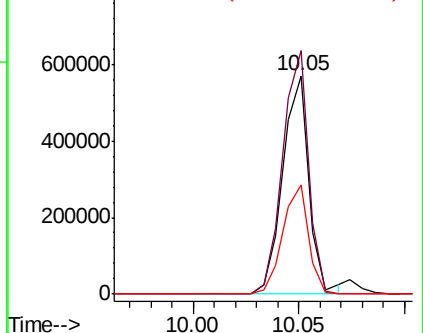
152 49.8 43.4 65.2

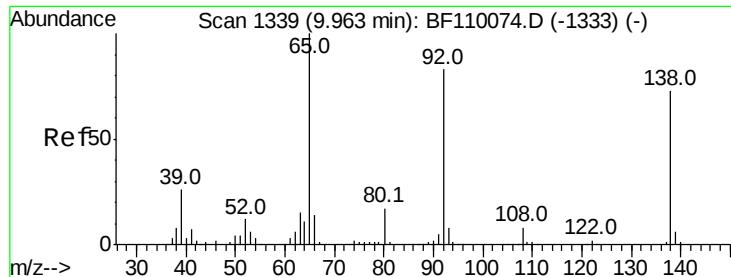


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

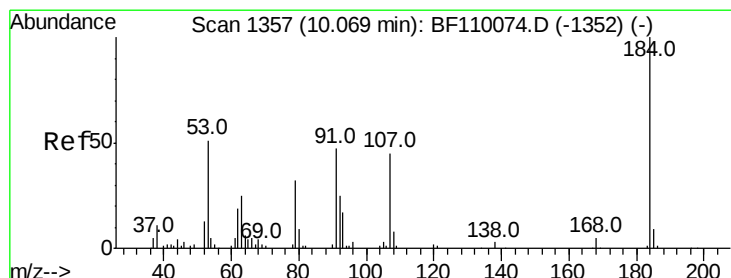
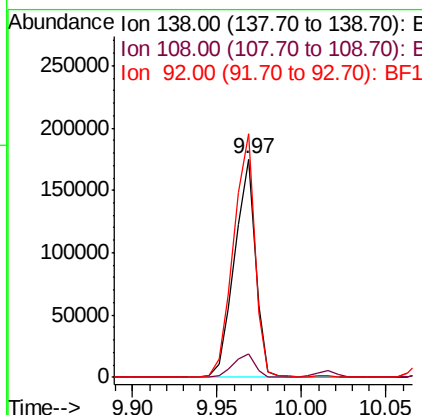
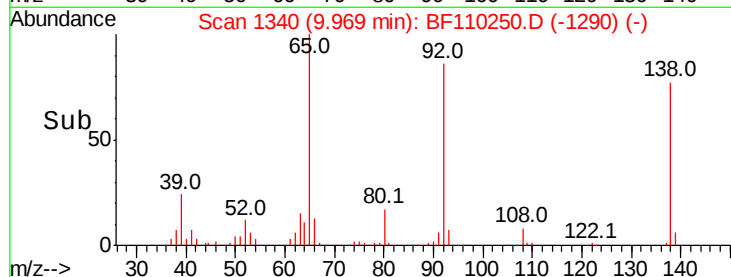
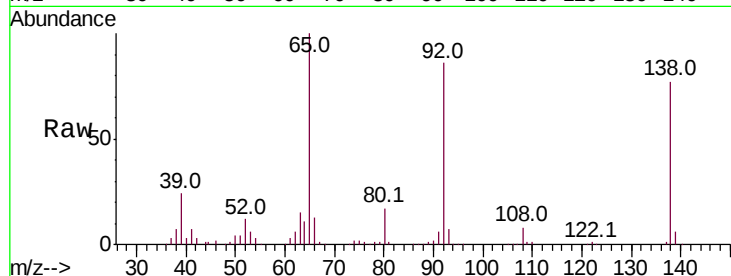




#53
 3-Nitroaniline
 Concen: 39.762 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF110250.D
 Acq: 29 Oct 2018 9:40

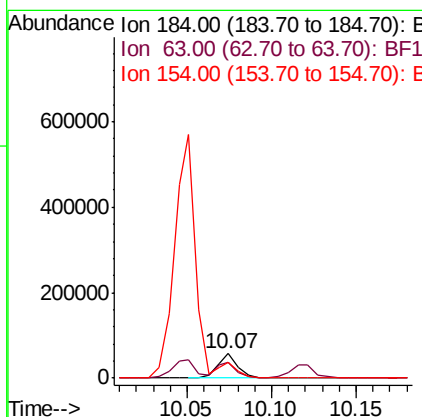
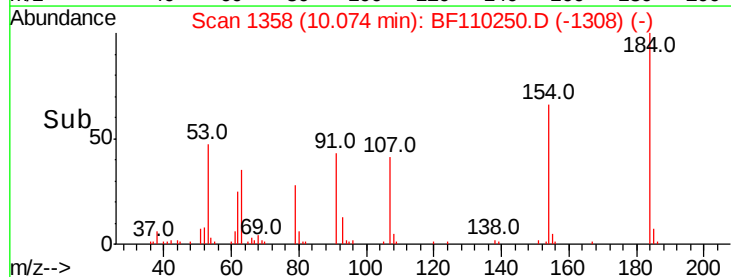
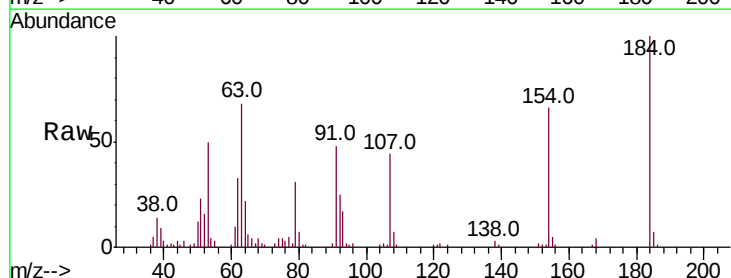
Instrument :
 BNA_F
 ClientSampleId :

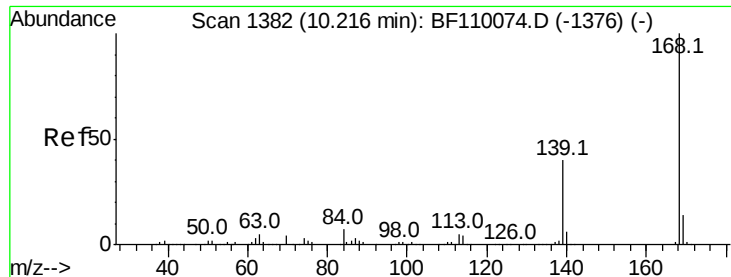
Tot Ion:138 Resp: 152110
 Ion Ratio Lower Upper
 138 100
 108 11.0 8.7 13.1
 92 111.5 97.0 145.4



#54
 2,4-Dinitrophenol
 Concen: 40.329 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF110250.D
 Acq: 29 Oct 2018 9:40

Tgt Ion:184 Resp: 47986
 Ion Ratio Lower Upper
 184 100
 63 67.5 55.8 83.6
 154 65.8 63.2 94.8





#55

Dibenzofuran

Concen: 39.839 ng

RT: 10.22 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BF110250.D

Acq: 29 Oct 2018 9:40

Instrument :

BNA_F

ClientSampleId :

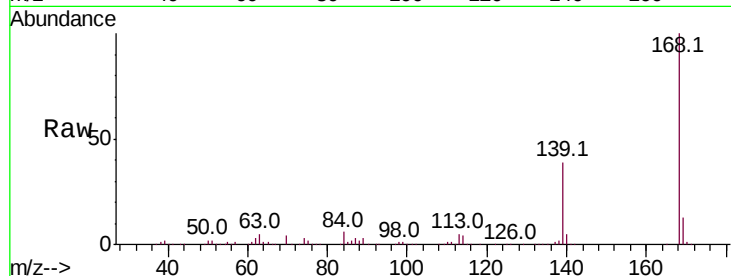
Tot Ion:168 Resp: 715239

Ion Ratio Lower Upper

168 100

139 39.1 33.0 49.6

169 13.2 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

1200000

1000000

800000

600000

400000

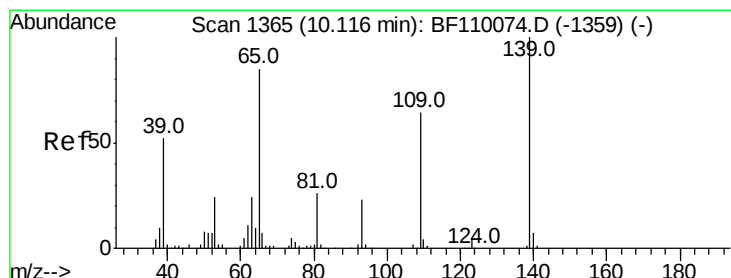
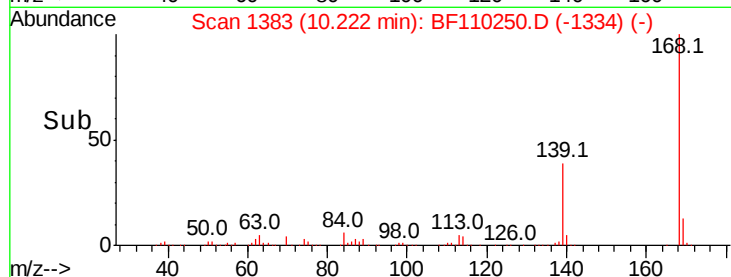
200000

0

10.22

10.15 10.20 10.25

Time-->



#56

4-Nitrophenol

Concen: 39.737 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BF110250.D

Acq: 29 Oct 2018 9:40

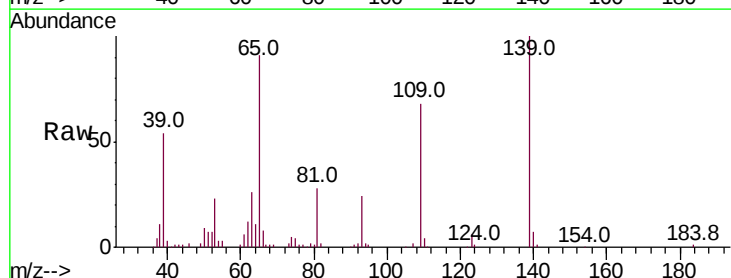
Tgt Ion:139 Resp: 112509

Ion Ratio Lower Upper

139 100

109 67.6 55.8 95.8

65 90.6 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

400000

300000

200000

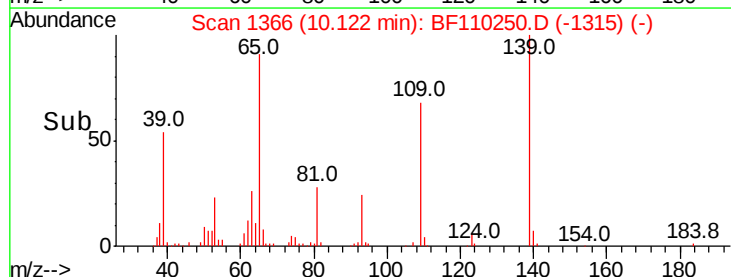
100000

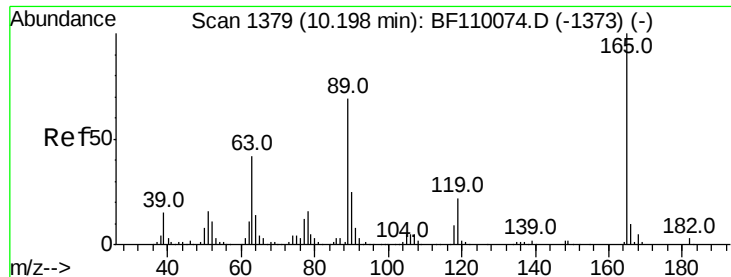
0

10.12

10.05 10.10 10.15 10.20

Time-->

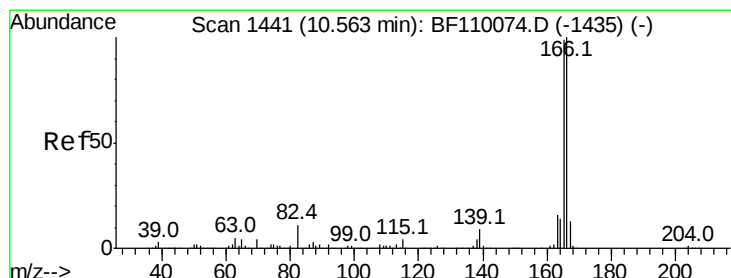
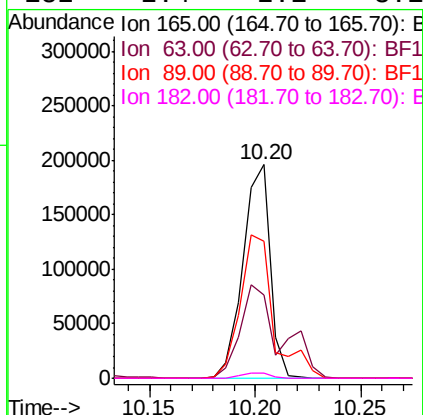
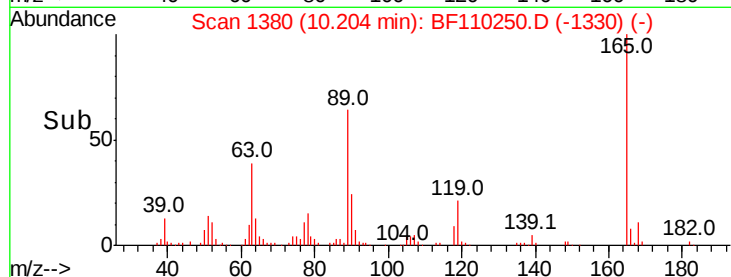
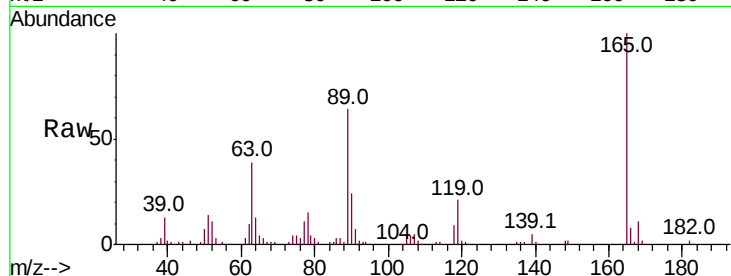




#57
2,4-Dinitrotoluene
Concen: 42.845 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF110250.D
Acq: 29 Oct 2018 9:40

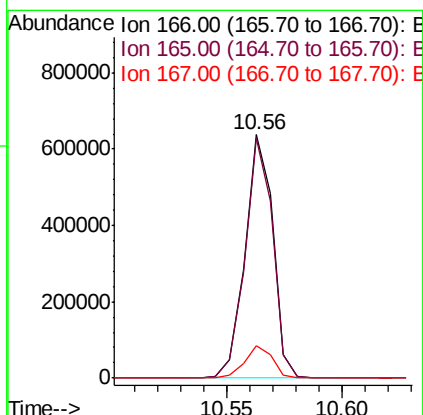
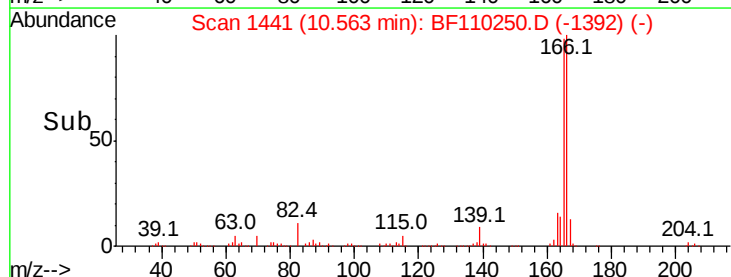
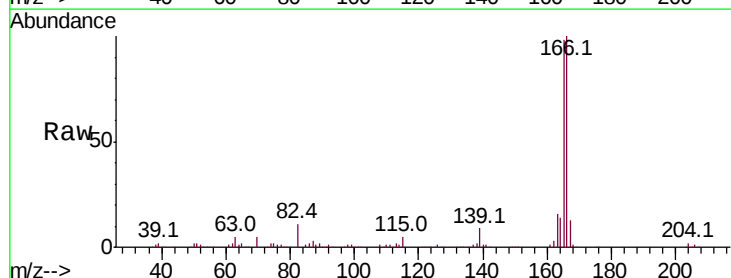
Instrument :
BNA_F
ClientSampled :

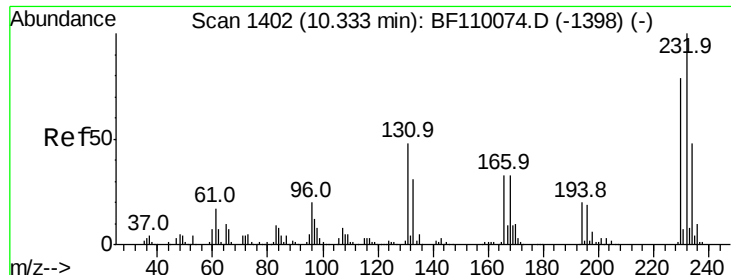
Tot Ion	Ratio	Lower	Upper
165	100		
63	39.0	44.8	67.2#
89	64.2	62.2	93.4
182	2.4	2.1	3.1



#58
Fluorene
Concen: 40.314 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110250.D
Acq: 29 Oct 2018 9:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.6	117.8
167	13.5	10.8	16.2

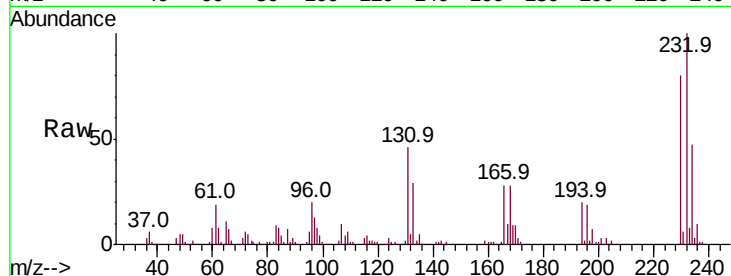




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.130 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.05 min
 Lab File: BF110250.D
 Acq: 29 Oct 2018 9:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.4	37.0	55.4
130	2.4	1.8	2.6
166	26.8	22.0	33.0



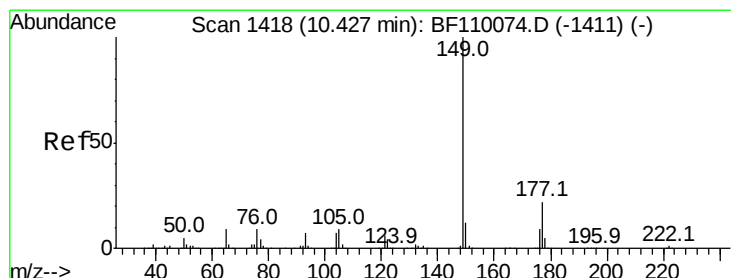
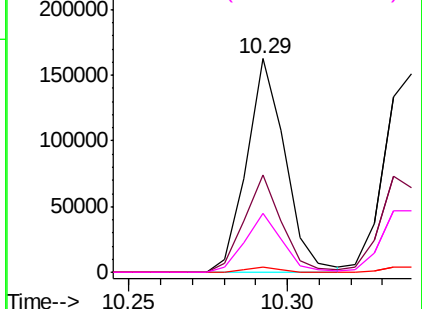
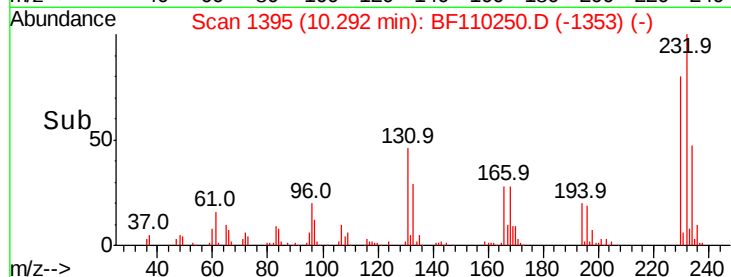
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

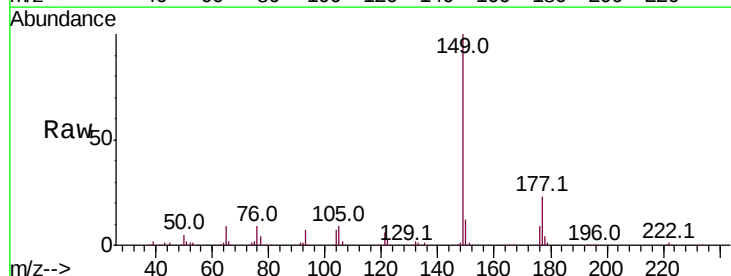
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.254 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF110250.D
 Acq: 29 Oct 2018 9:40

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.4	26.2
150	12.2	9.8	14.8

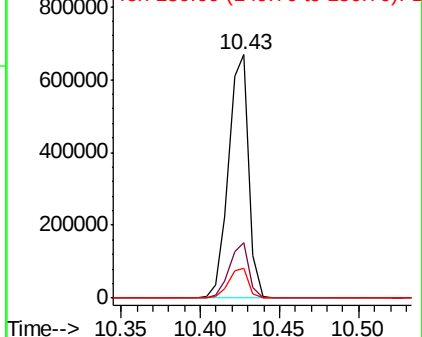
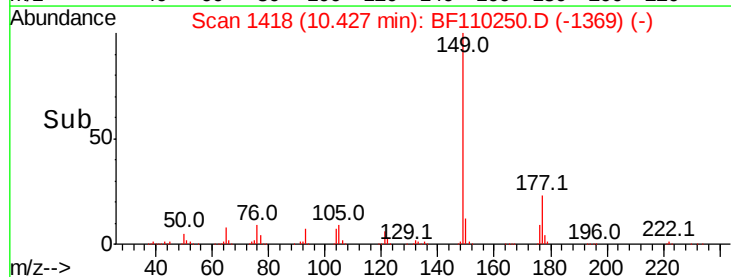


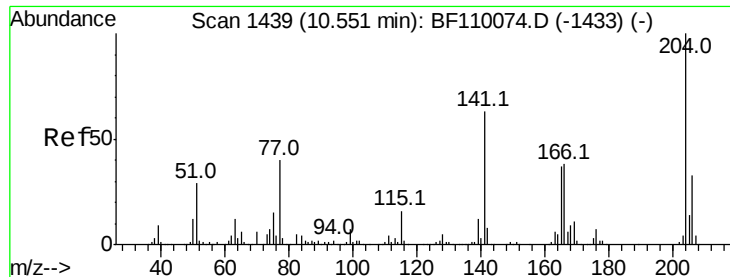
Abundance

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

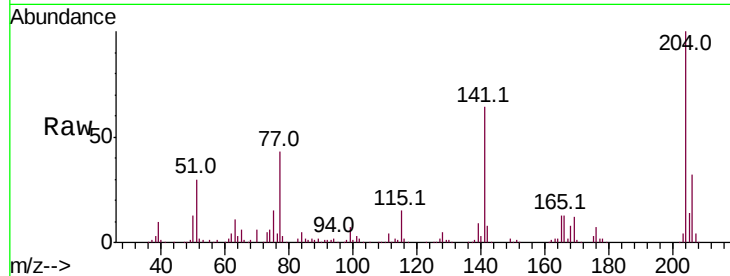




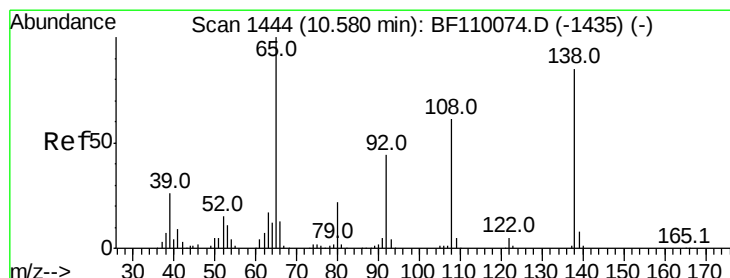
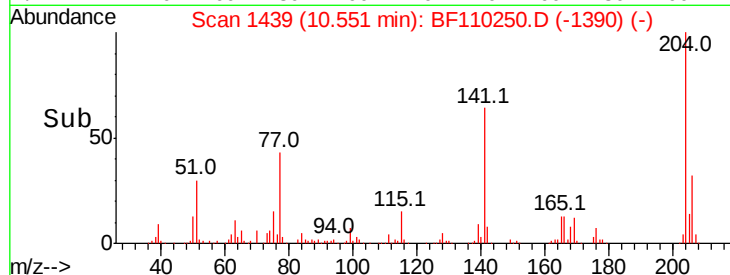
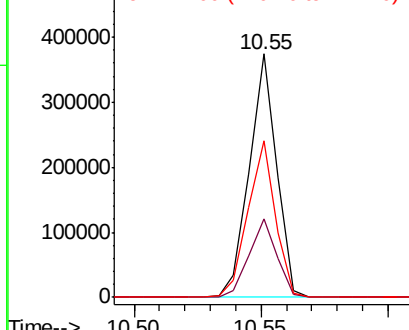
#61
 4-Chlorophenyl-phenylether
 Concen: 39.811 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF110250.D
 Acq: 29 Oct 2018 9:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 280612
 Ion Ratio Lower Upper
 204 100
 206 32.5 26.5 39.7
 141 64.2 51.8 77.8

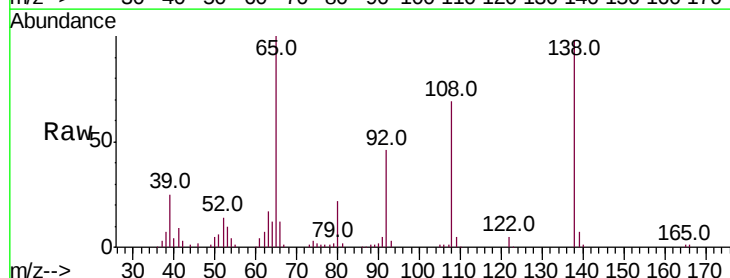


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

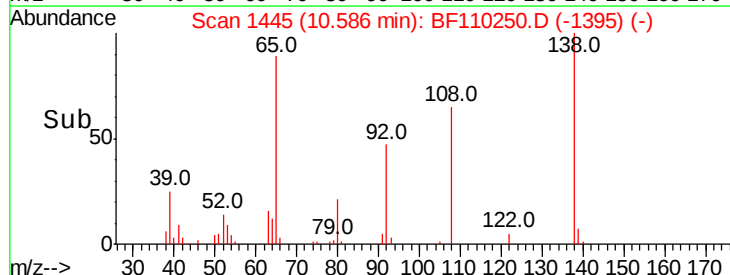
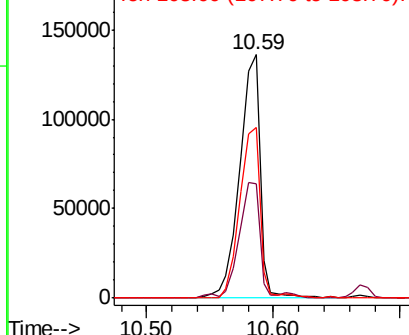


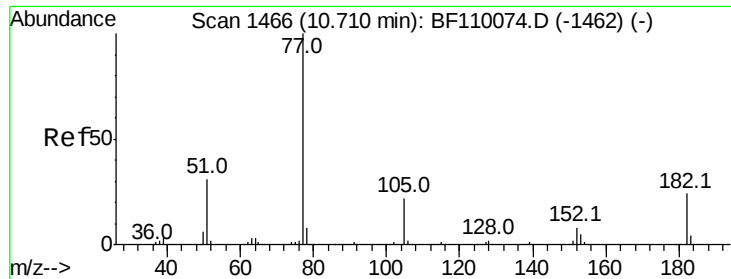
#62
 4-Nitroaniline
 Concen: 40.076 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF110250.D
 Acq: 29 Oct 2018 9:40

Tgt Ion:138 Resp: 152482
 Ion Ratio Lower Upper
 138 100
 92 47.2 31.7 71.7
 108 70.3 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

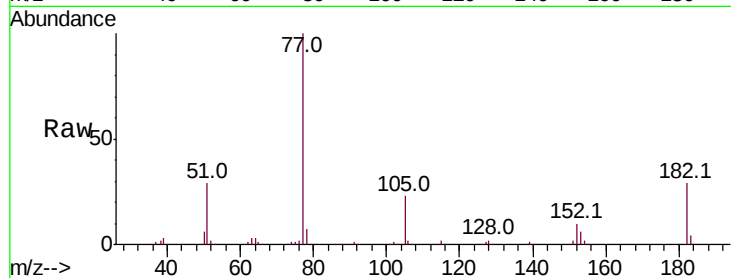




#63
Azobenzene
Concen: 39.556 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF110250.D
Acq: 29 Oct 2018 9:40

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.0	4.3	44.3
105	23.0	1.3	41.3
51	29.4	9.0	49.0



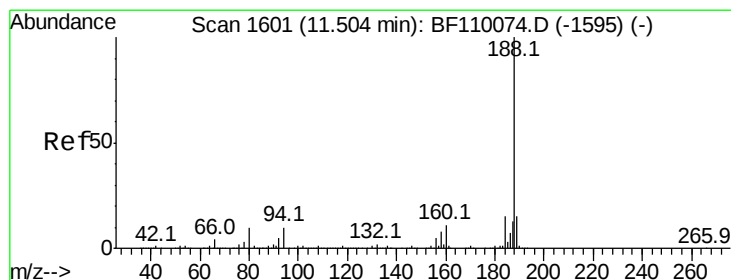
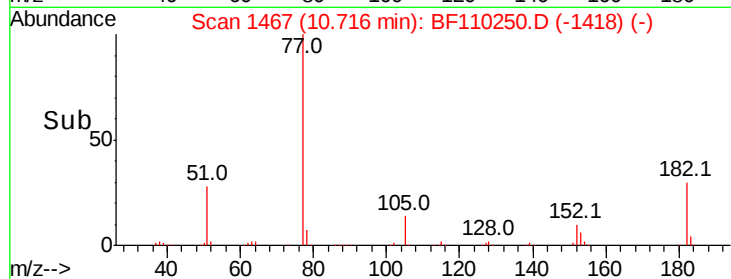
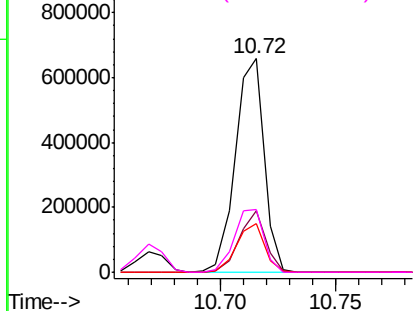
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

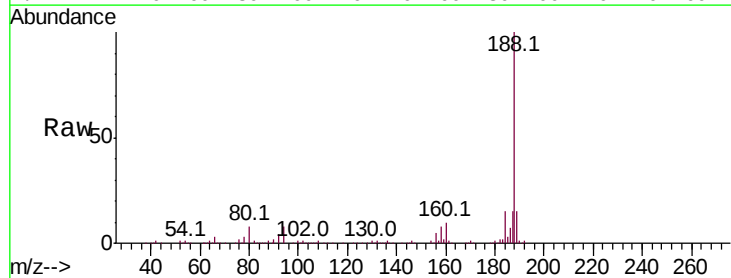
Ion 105.00 (104.70 to 105.70): E

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: BF110250.D
Acq: 29 Oct 2018 9:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	8.5	7.9	11.9

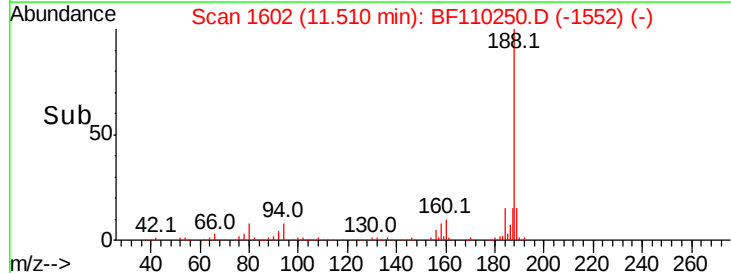
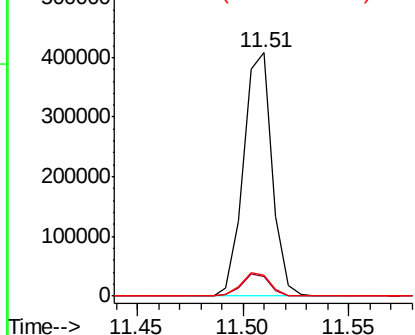


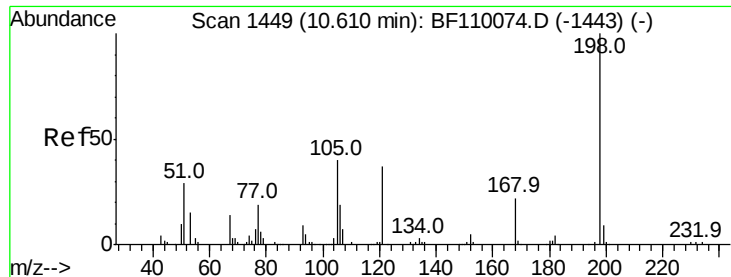
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

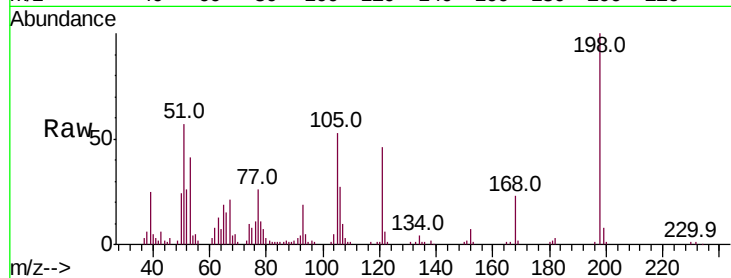




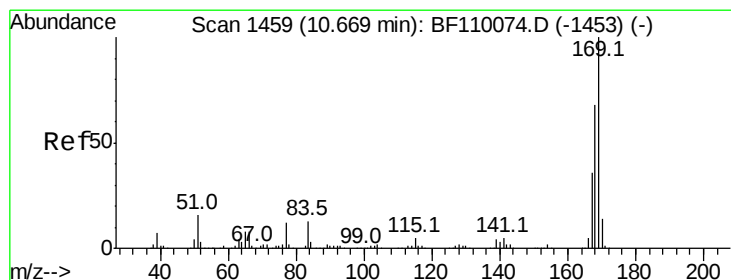
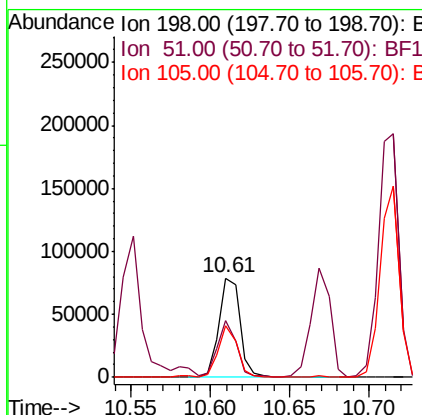
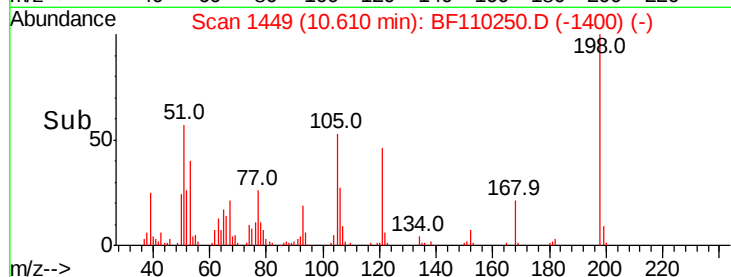
#65
4,6-Dinitro-2-methylphenol
Concen: 42.146 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF110250.D
Acq: 29 Oct 2018 9:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 73749
Ion Ratio Lower Upper
198 100
51 57.1 22.8 62.8
105 52.6 23.6 63.6

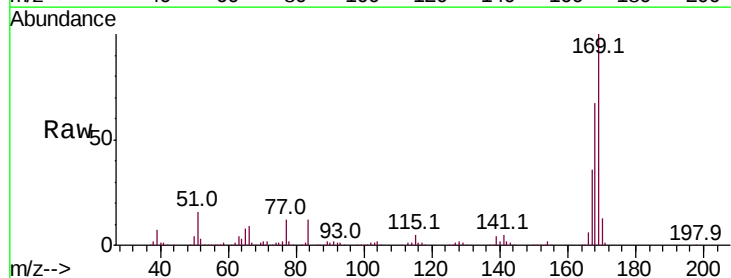


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

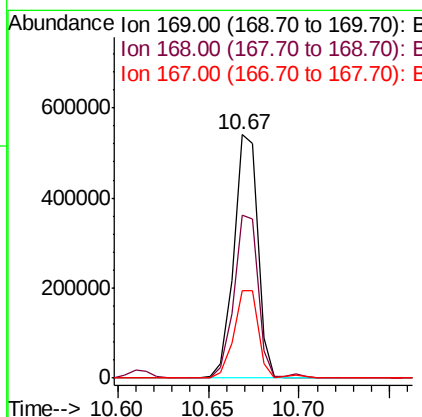
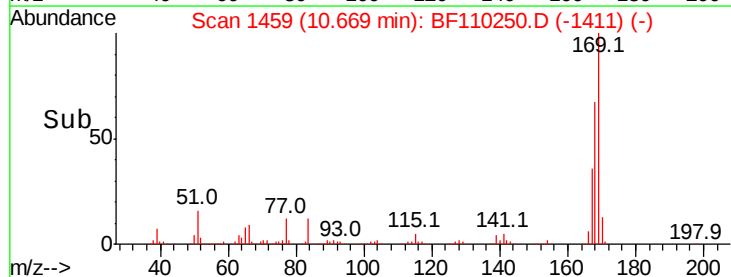


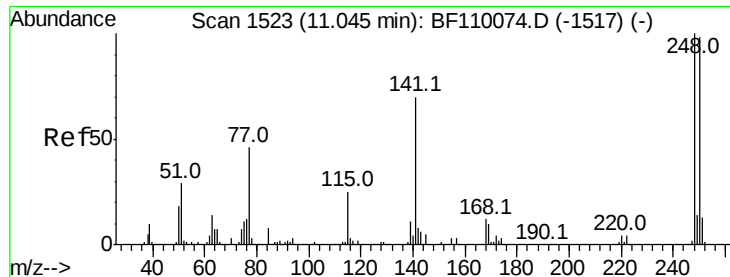
#66
n-Nitrosodiphenylamine
Concen: 39.623 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF110250.D
Acq: 29 Oct 2018 9:40

Tgt Ion:169 Resp: 497766
Ion Ratio Lower Upper
169 100
168 67.1 51.2 76.8
167 35.9 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

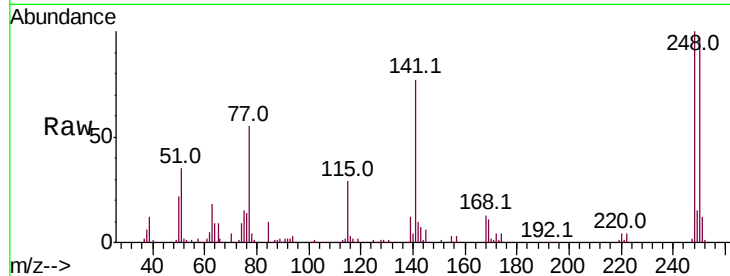




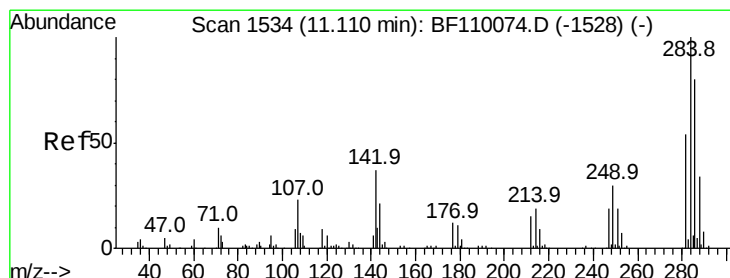
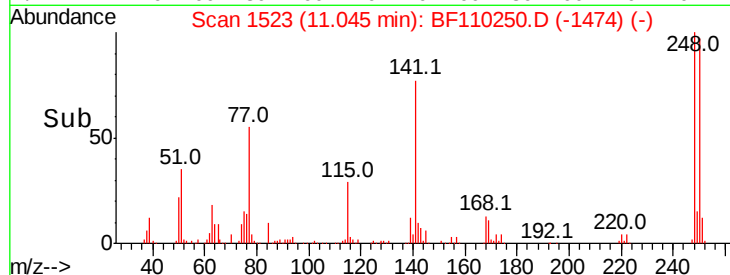
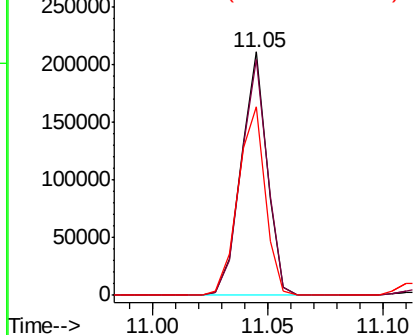
#67
4-Bromophenyl-phenylether
Concen: 39.984 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF110250.D
Acq: 29 Oct 2018 9:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 166112
Ion Ratio Lower Upper
248 100
250 96.8 79.4 119.2
141 77.4 55.9 83.9

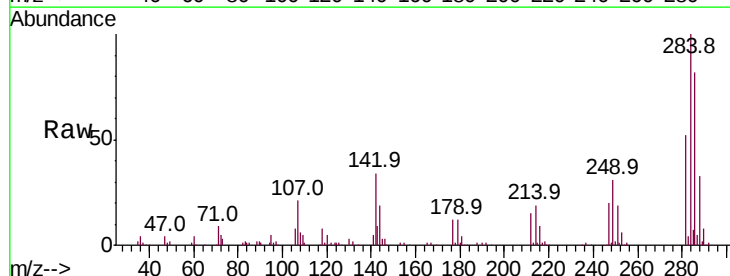


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

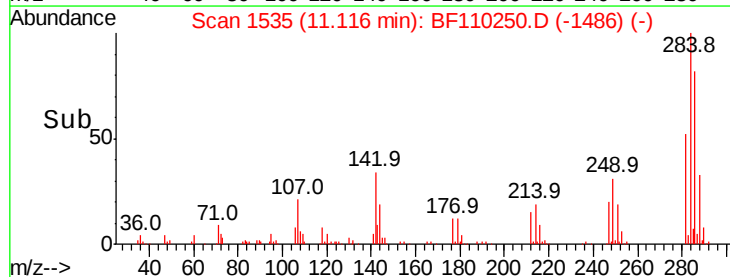
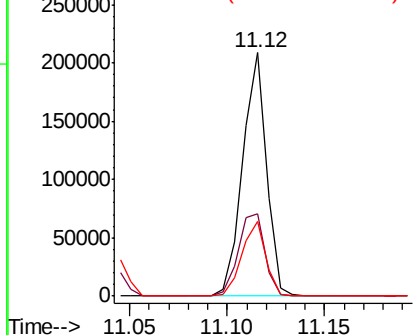


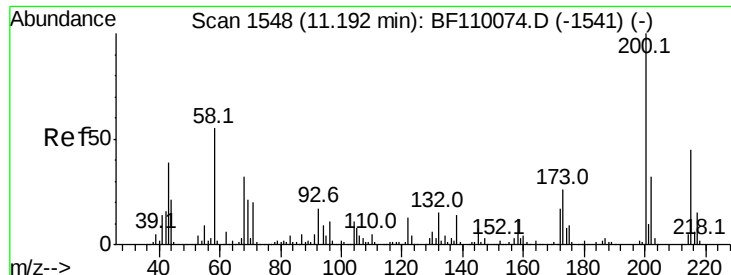
#68
Hexachlorobenzene
Concen: 40.052 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF110250.D
Acq: 29 Oct 2018 9:40

Tgt Ion:284 Resp: 176550
Ion Ratio Lower Upper
284 100
142 34.0 23.9 35.9
249 30.7 24.2 36.2



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

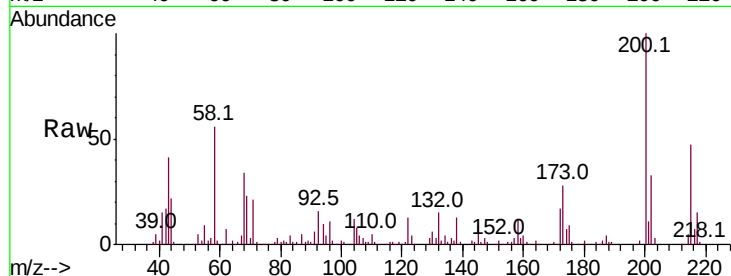




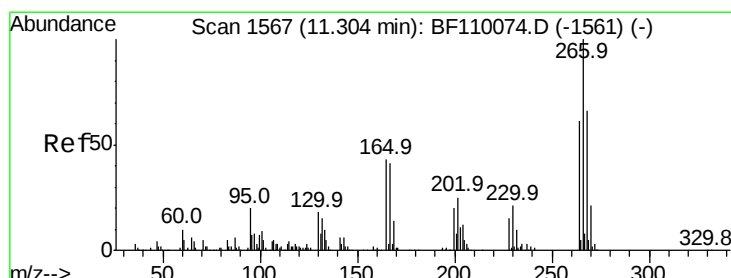
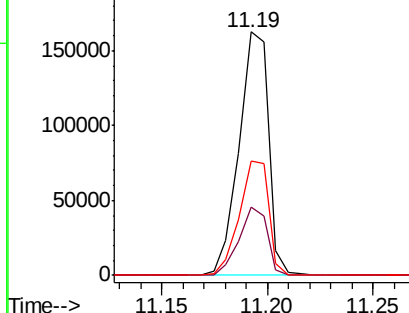
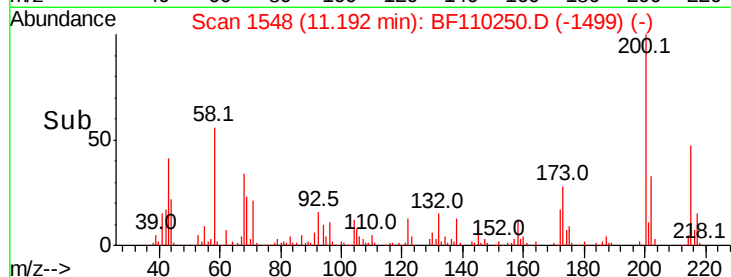
#69
Atrazine
Concen: 39.606 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF110250.D
Acq: 29 Oct 2018 9:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	6.6	46.6
215	46.8	26.3	66.3

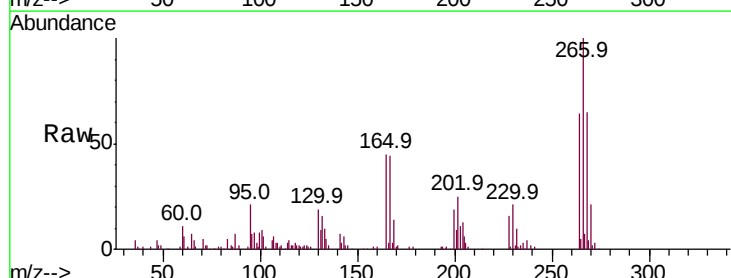


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

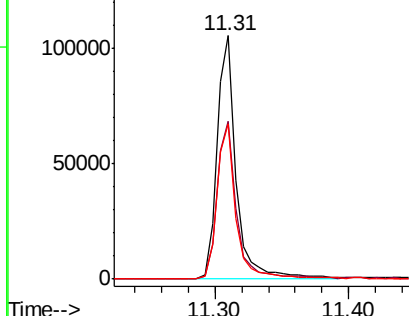
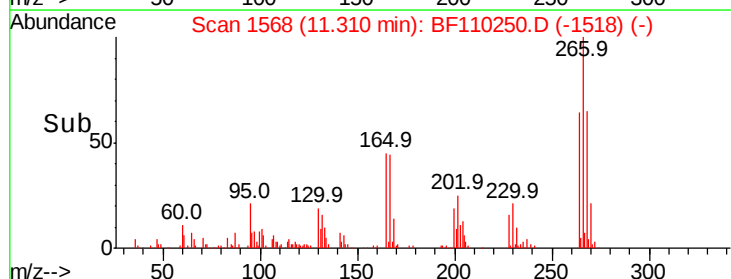


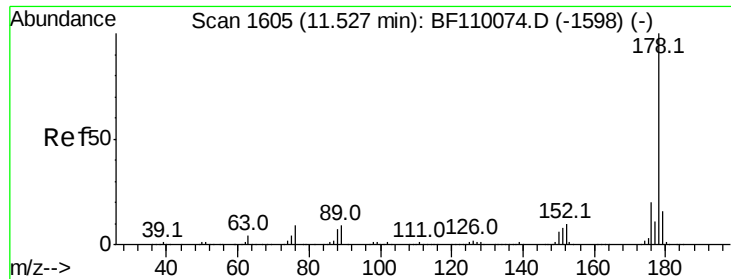
#70
Pentachlorophenol
Concen: 41.790 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF110250.D
Acq: 29 Oct 2018 9:40

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.8	50.6	75.8
264	64.0	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

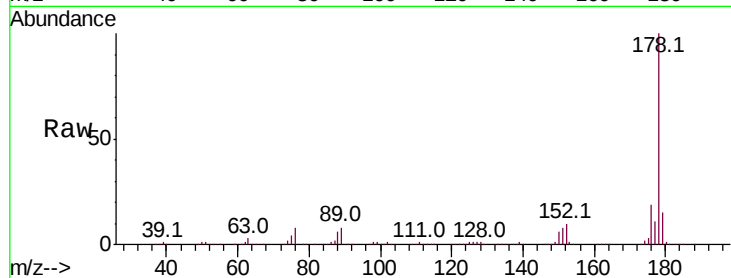




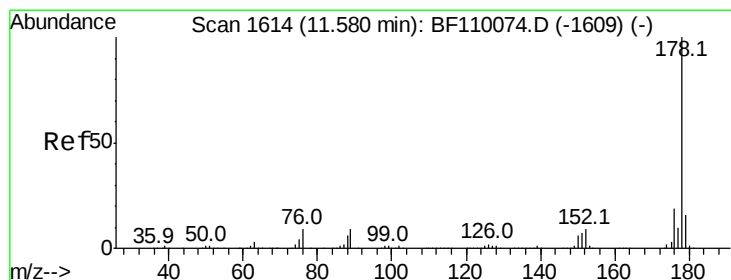
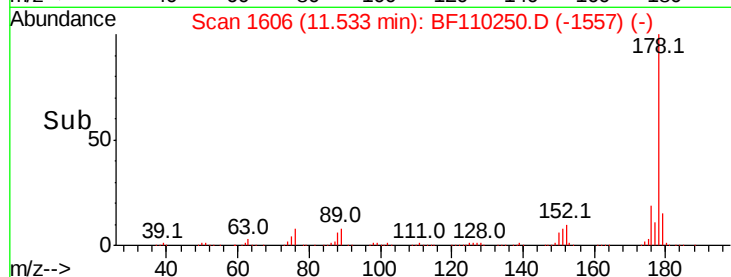
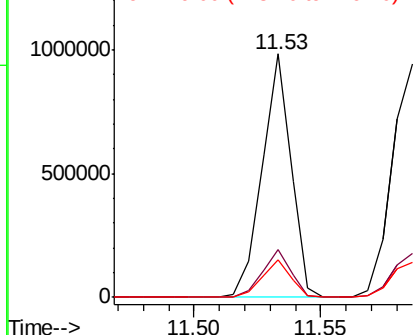
#71
Phenanthrene
Concen: 39.244 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF110250.D
Acq: 29 Oct 2018 9:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 786469
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.4 12.5 18.7

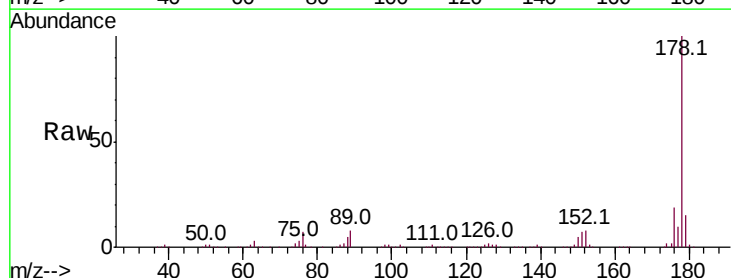


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

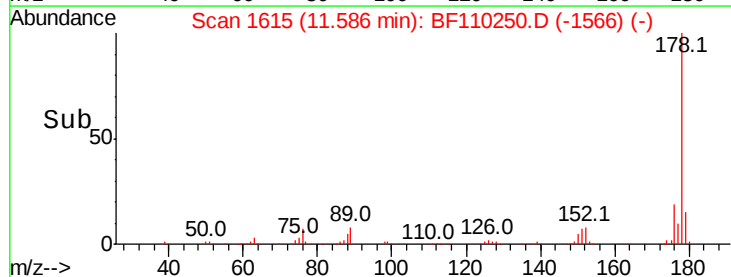
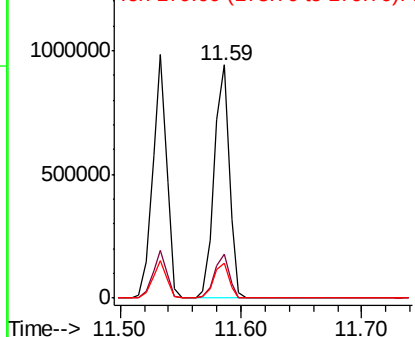


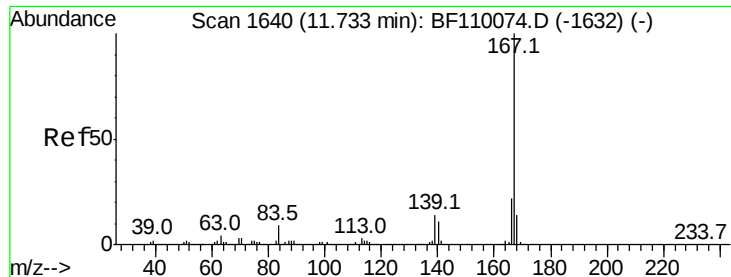
#72
Anthracene
Concen: 40.052 ng
RT: 11.59 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BF110250.D
Acq: 29 Oct 2018 9:40

Tgt Ion:178 Resp: 804526
Ion Ratio Lower Upper
178 100
176 18.6 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

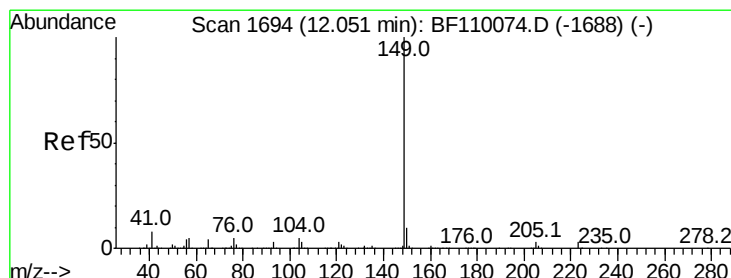
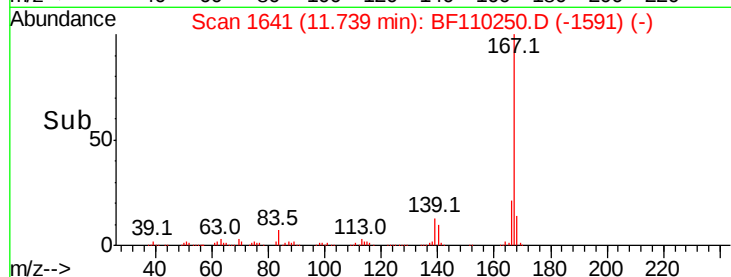
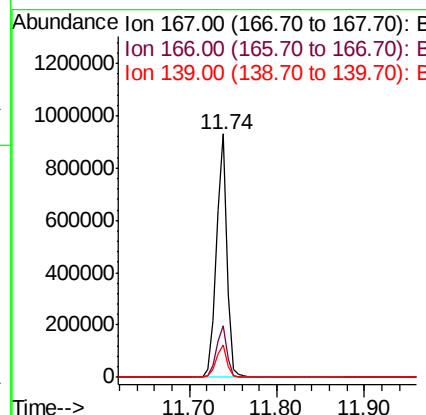
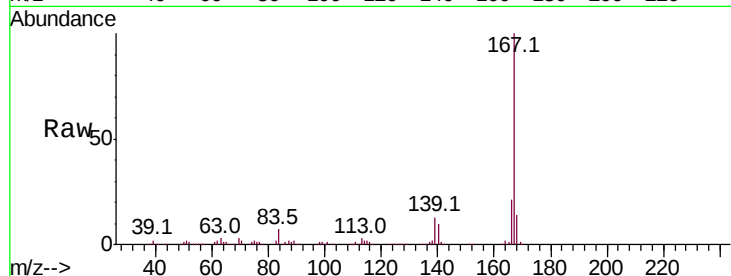




#73
 Carbazole
 Concen: 39.644 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BF110250.D
 Acq: 29 Oct 2018 9:40

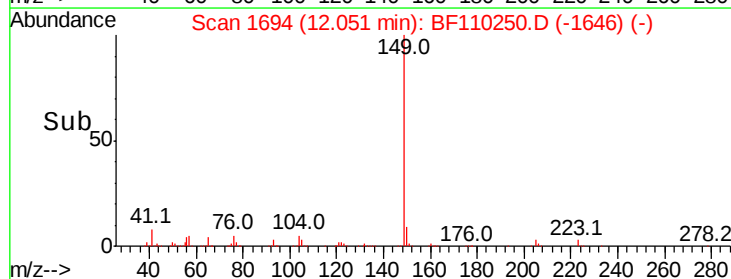
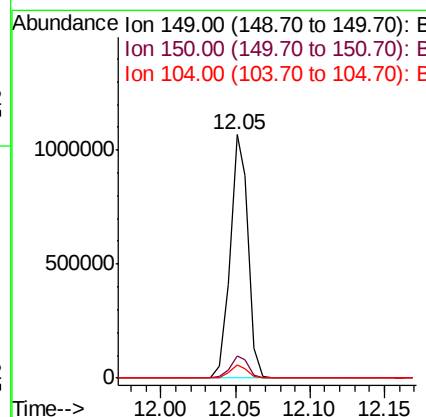
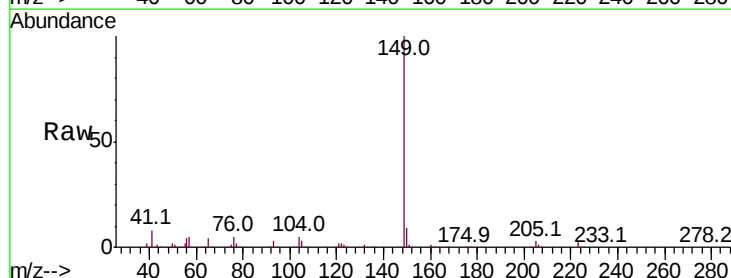
Instrument :
 BNA_F
 ClientSampleId :

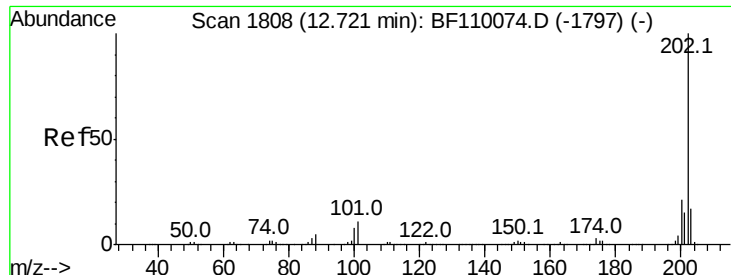
Tot Ion:167 Resp: 777535
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 13.1 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 40.866 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF110250.D
 Acq: 29 Oct 2018 9:40

Tgt Ion:149 Resp: 905213
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 5.2 4.2 6.4

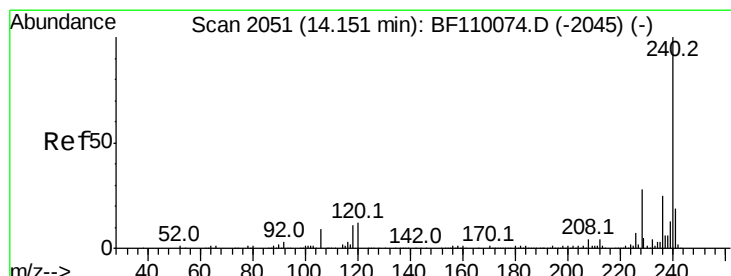
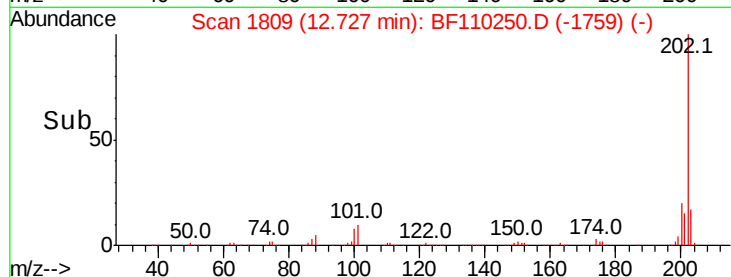
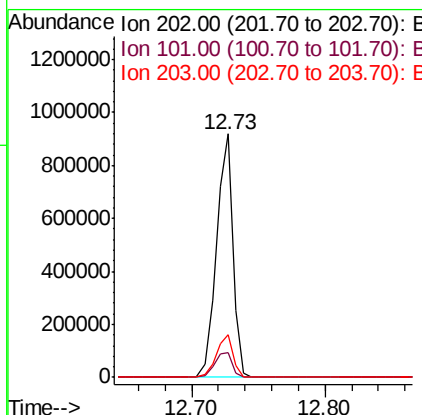
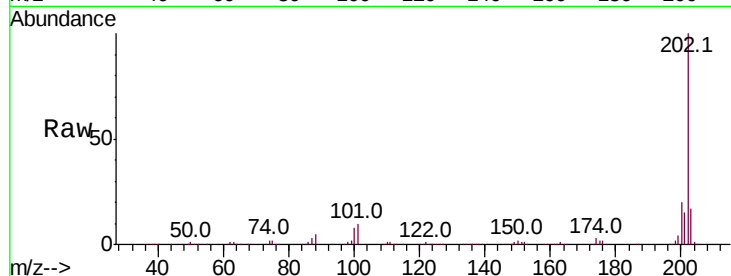




#75
 Fluoranthene
 Concen: 39.324 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF110250.D
 Acq: 29 Oct 2018 9:40

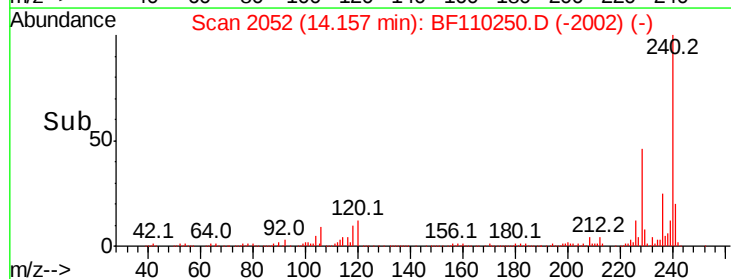
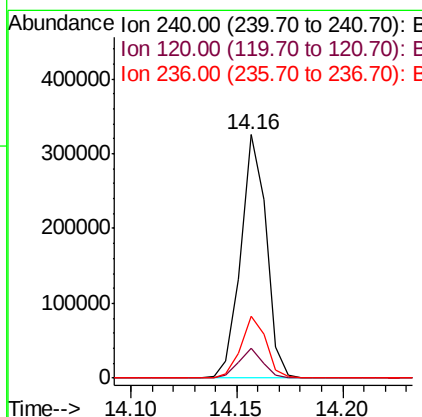
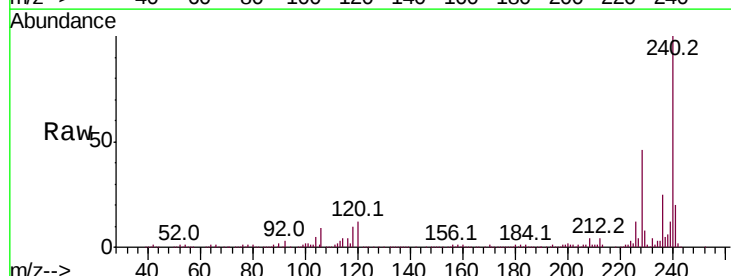
Instrument :
 BNA_F
 ClientSampleId :

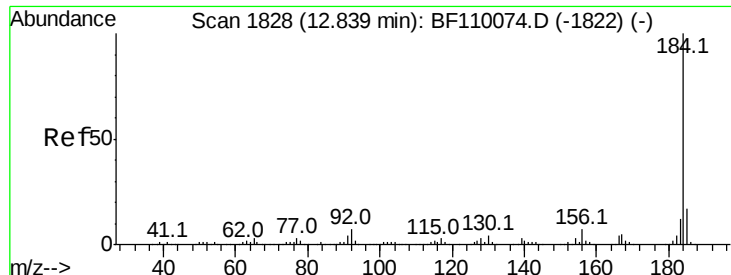
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.4
203	17.3	0.0	37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BF110250.D
 Acq: 29 Oct 2018 9:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.3	12.5
236	25.4	21.2	31.8

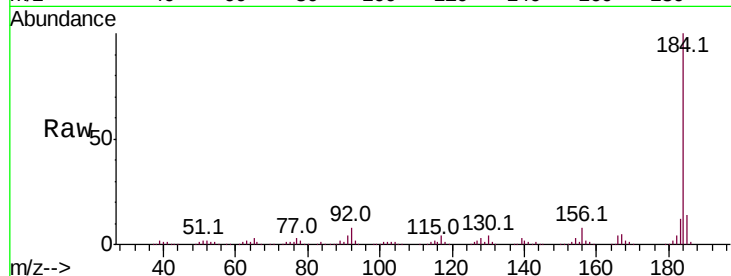




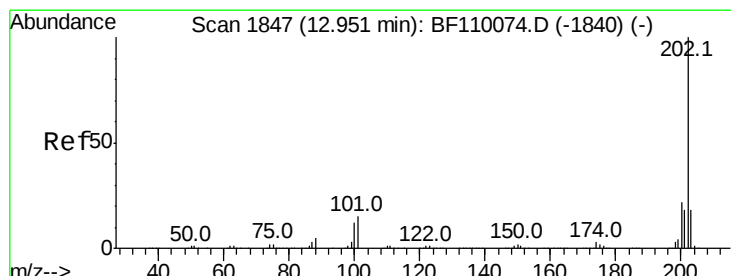
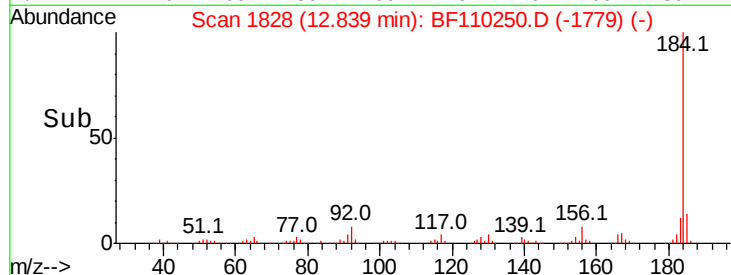
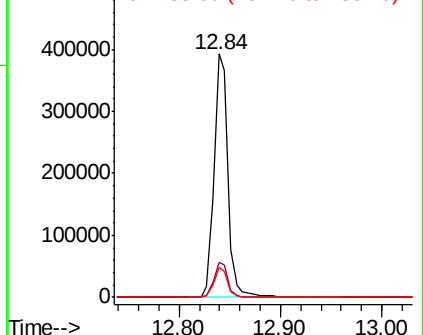
#77
Benzidine
Concen: 56.516 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF110250.D
Acq: 29 Oct 2018 9:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 376451
Ion Ratio Lower Upper
184 100
185 14.3 13.4 20.2
183 12.4 9.4 14.2

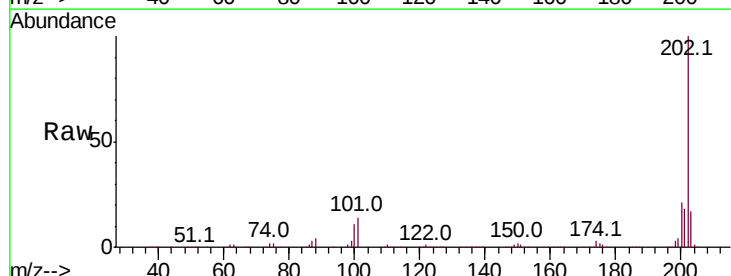


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

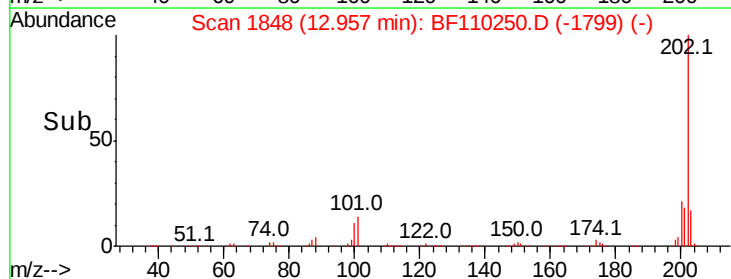
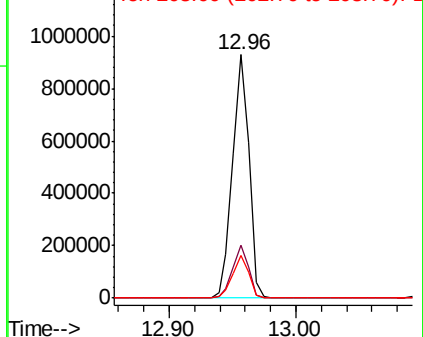


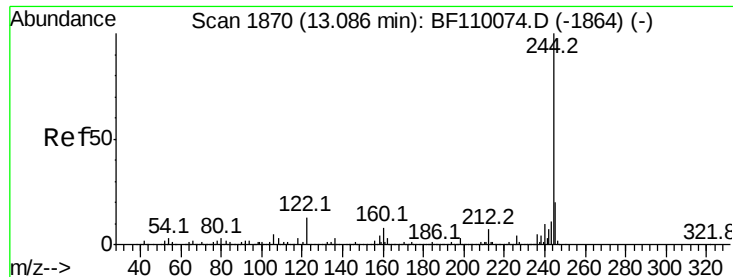
#78
Pyrene
Concen: 42.416 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF110250.D
Acq: 29 Oct 2018 9:40

Tgt Ion:202 Resp: 825776
Ion Ratio Lower Upper
202 100
200 21.5 17.8 26.6
203 17.4 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



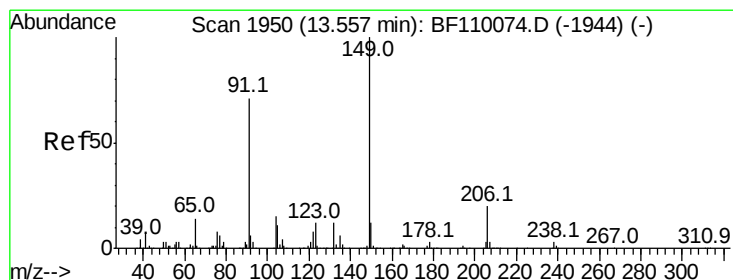
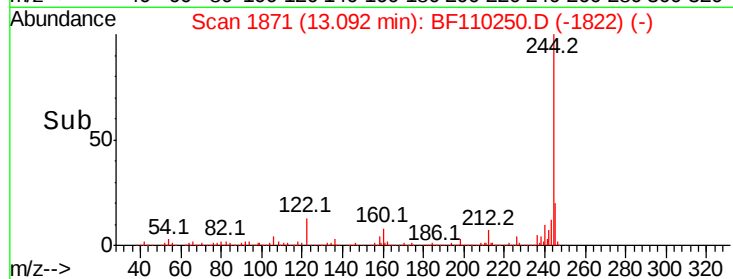
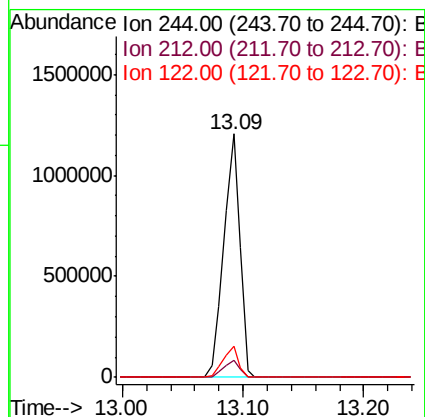
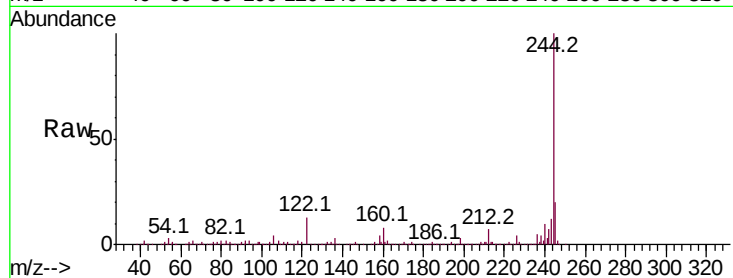


#79
 Terphenyl-d14
 Concen: 84.854 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF110250.D
 Acq: 29 Oct 2018 9:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1107970

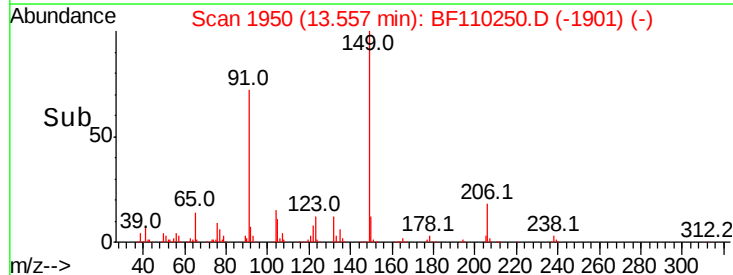
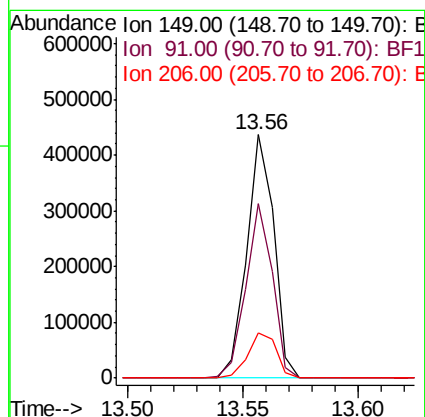
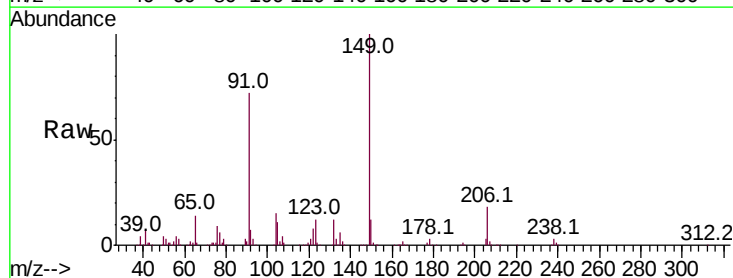
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.9	8.7	13.1

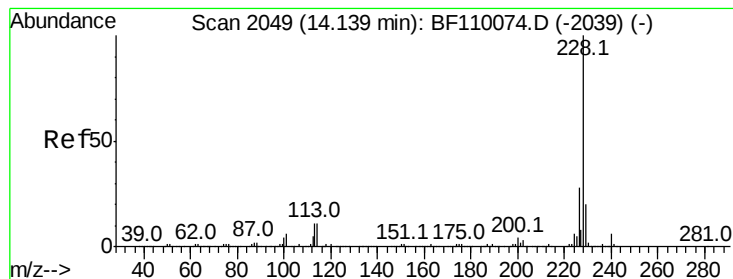


#80
 Butylbenzylphthalate
 Concen: 42.602 ng
 RT: 13.56 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF110250.D
 Acq: 29 Oct 2018 9:40

Tgt Ion:149 Resp: 359993

Ion	Ratio	Lower	Upper
149	100		
91	71.9	57.2	85.8
206	18.3	15.7	23.5





#81

Benzo(a)anthracene

Concen: 40.080 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BF110250.D

Acq: 29 Oct 2018 9:40

Instrument :

BNA_F

ClientSampled :

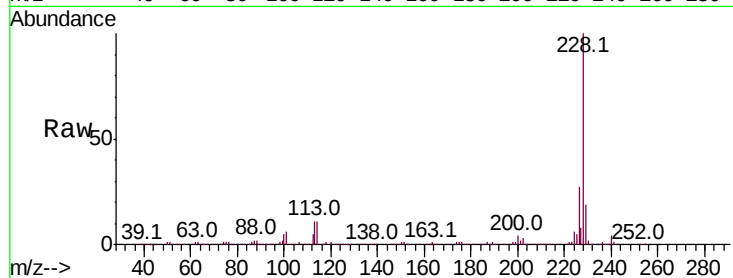
Tot Ion:228 Resp: 645446

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

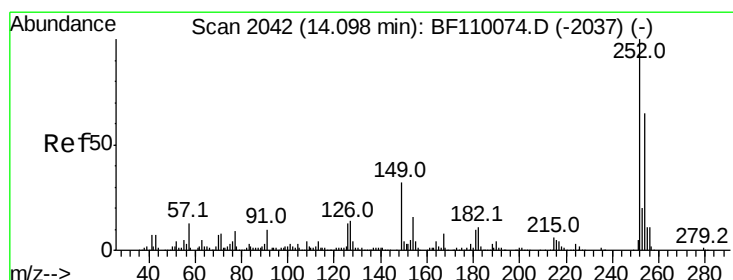
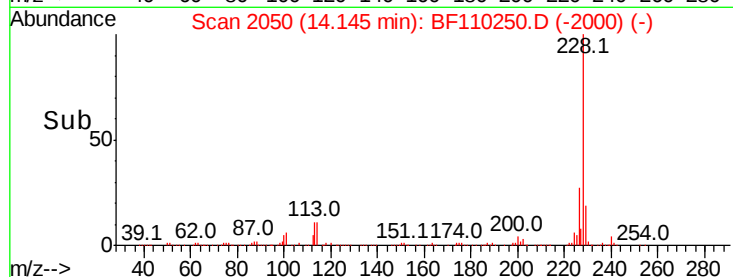
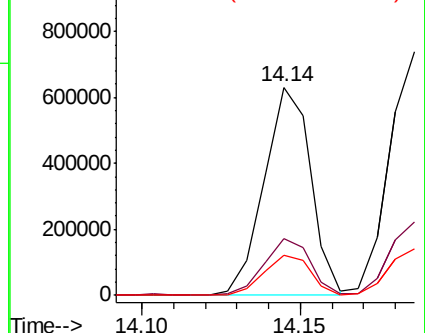
229 19.2 15.6 23.4



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: 40.034 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BF110250.D

Acq: 29 Oct 2018 9:40

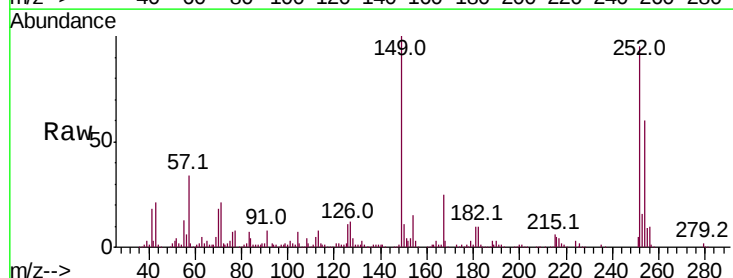
Tgt Ion:252 Resp: 224497

Ion Ratio Lower Upper

252 100

254 63.1 51.3 76.9

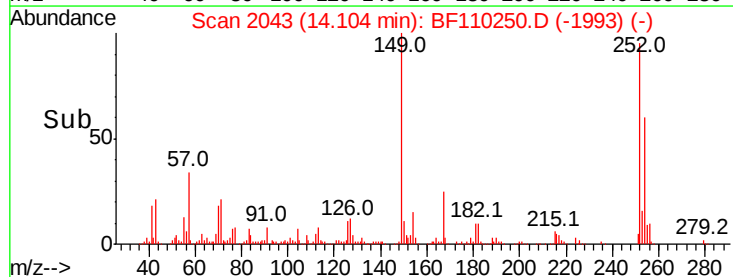
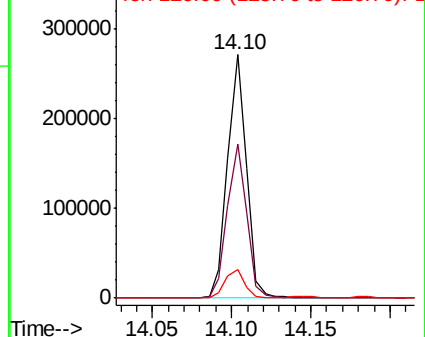
126 11.5 9.4 14.2

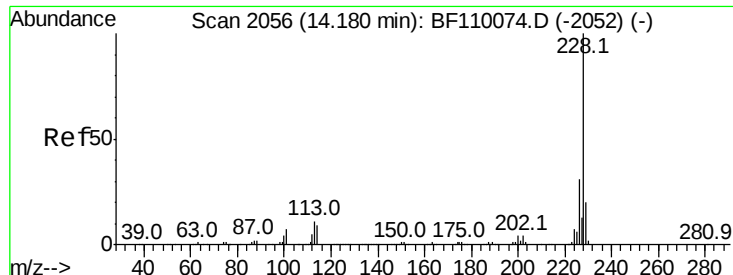


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.480 ng

RT: 14.19 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BF110250.D

Acq: 29 Oct 2018 9:40

Instrument :

BNA_F

ClientSampled :

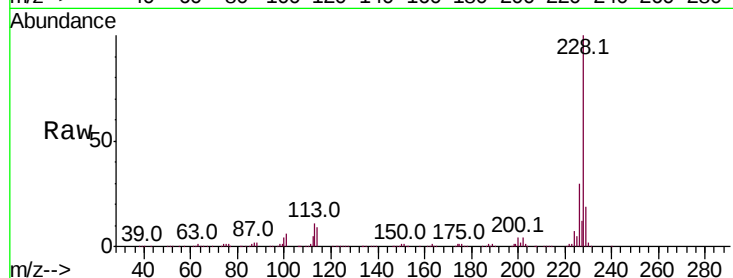
Tot Ion:228 Resp: 619159

Ion Ratio Lower Upper

228 100

226 30.0 24.7 37.1

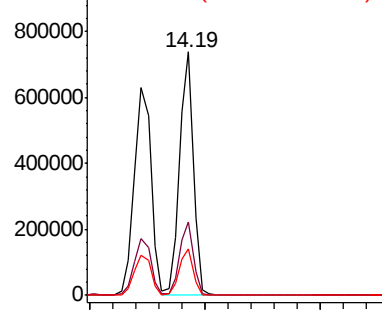
229 18.9 15.9 23.9



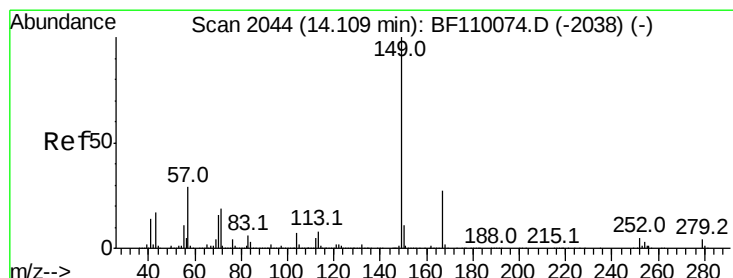
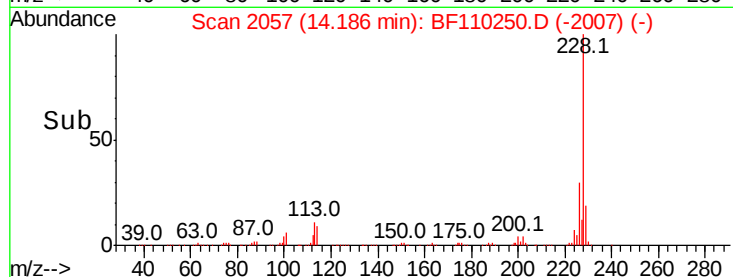
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 14.10 14.20 14.30



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.250 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BF110250.D

Acq: 29 Oct 2018 9:40

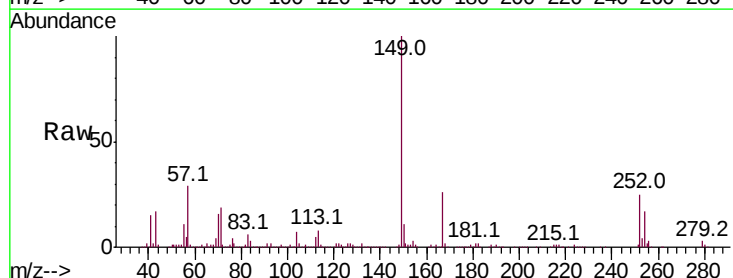
Tgt Ion:149 Resp: 459769

Ion Ratio Lower Upper

149 100

167 25.7 19.8 29.8

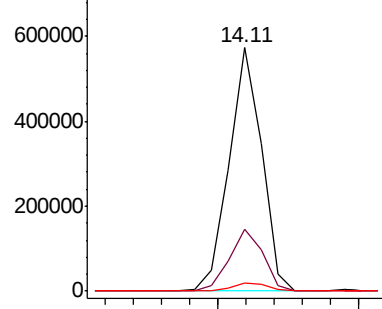
279 3.3 2.7 4.1



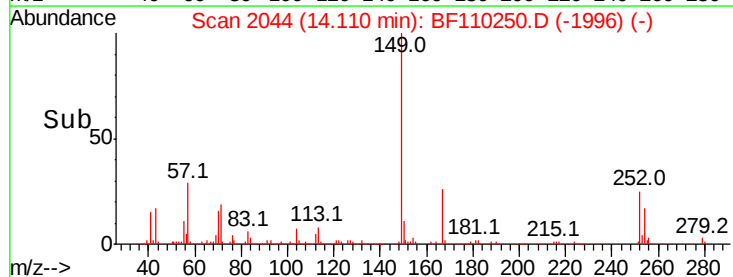
Abundance Ion 149.00 (148.70 to 149.70): E

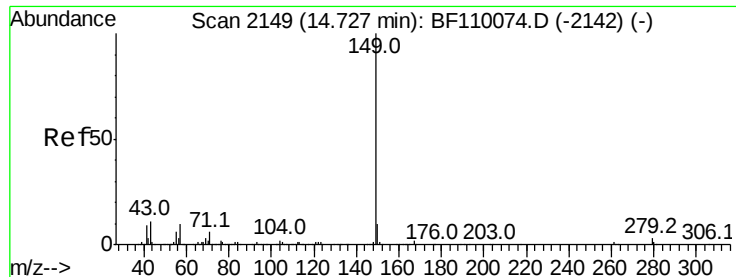
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 14.10 14.15

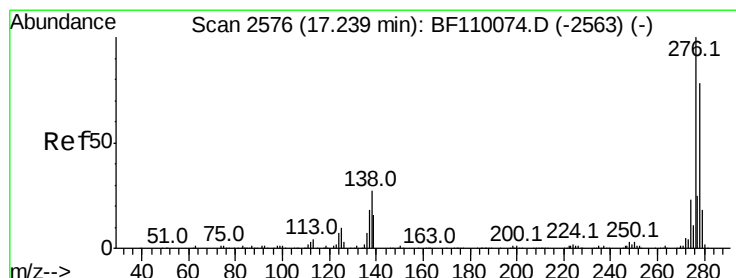
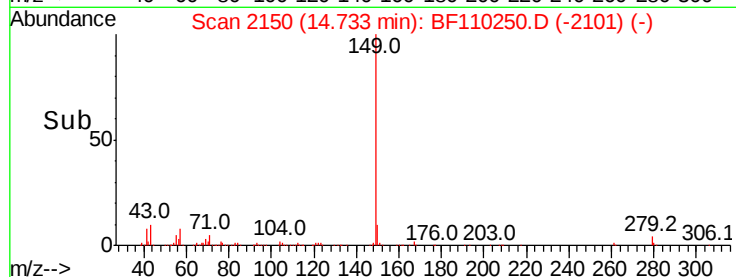
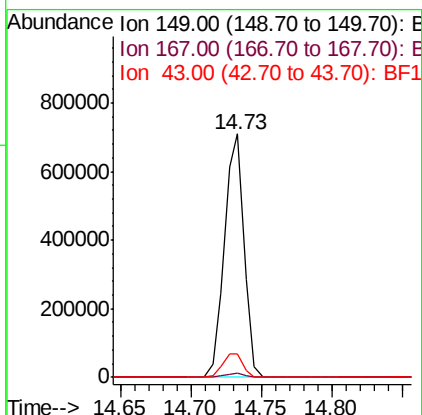
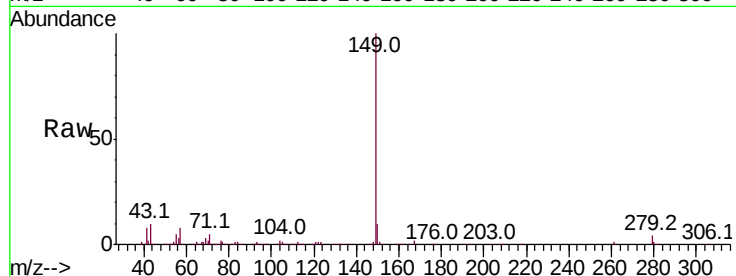




#85
Di-n-octyl phthalate
Concen: 38.419 ng
RT: 14.73 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BF110250.D
Acq: 29 Oct 2018 9:40

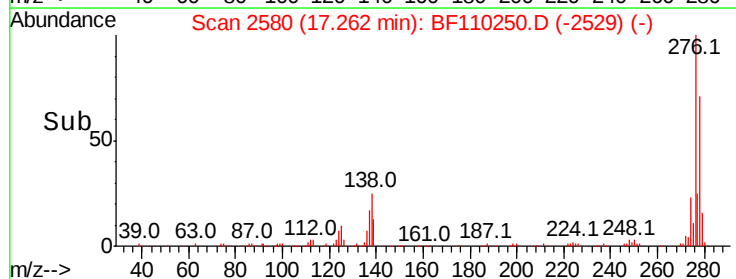
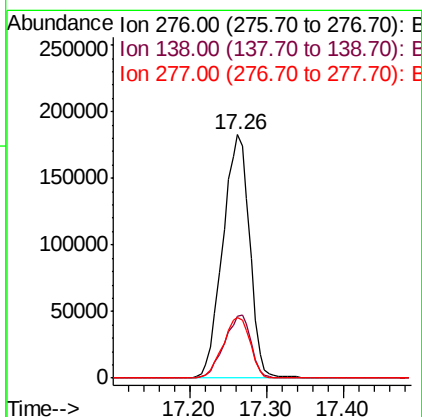
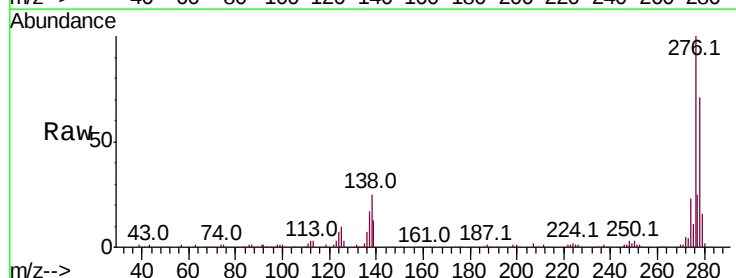
Instrument :
BNA_F
ClientSampleId :

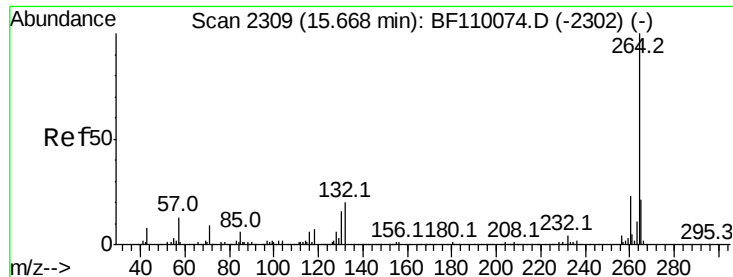
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.2	7.8	11.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 34.954 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.00 min
Lab File: BF110250.D
Acq: 29 Oct 2018 9:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.7	18.5	27.7
277	25.1	20.0	30.0



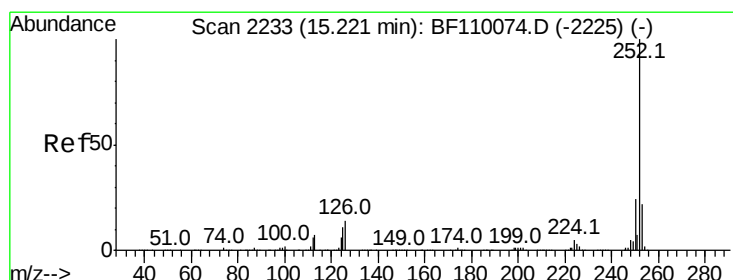
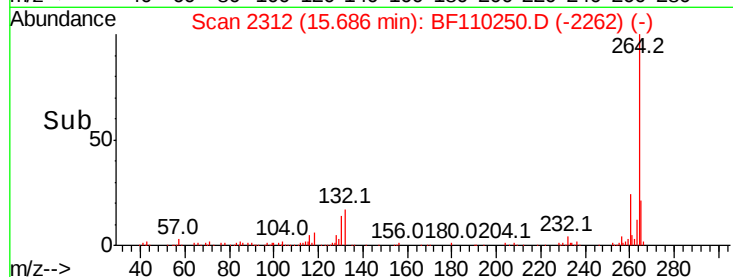
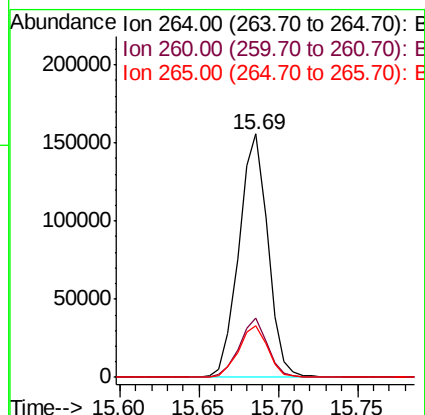
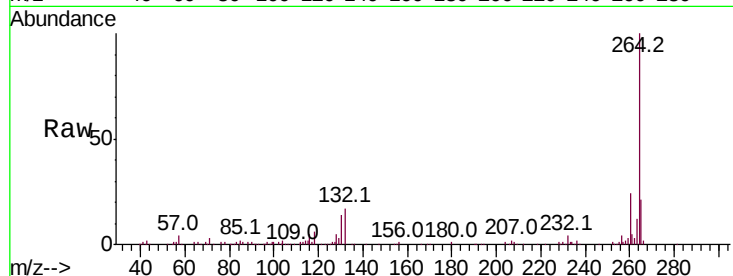


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BF110250.D
Acq: 29 Oct 2018 9:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 197503

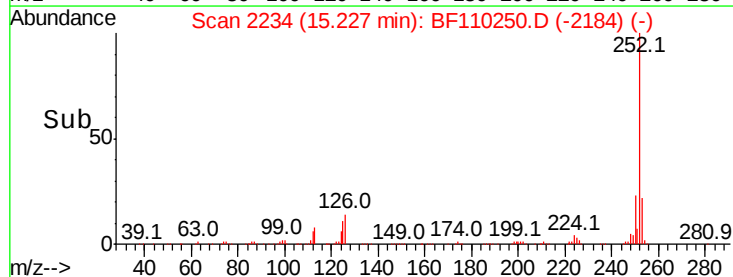
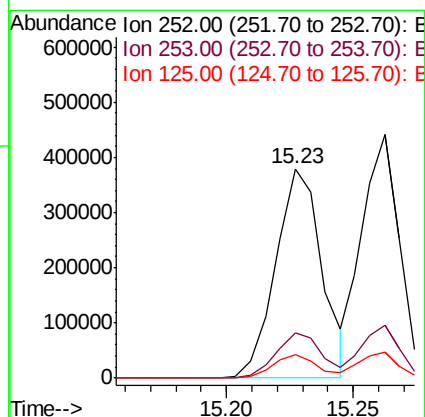
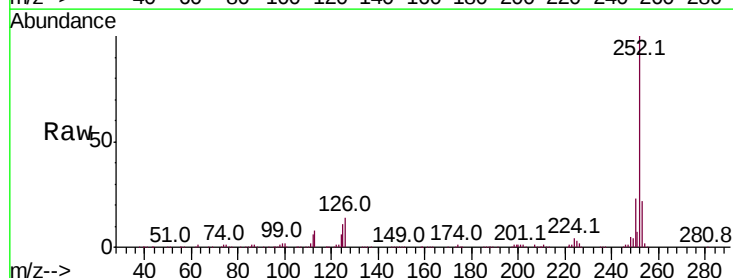
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.4	16.7	25.1

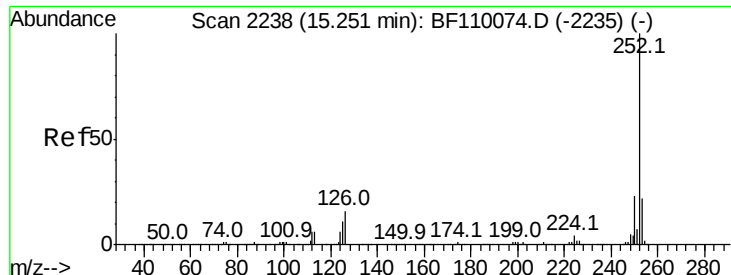


#88
Benzo(b)fluoranthene
Concen: 42.149 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF110250.D
Acq: 29 Oct 2018 9:40

Tgt Ion:252 Resp: 480712

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	11.0	8.2	12.4

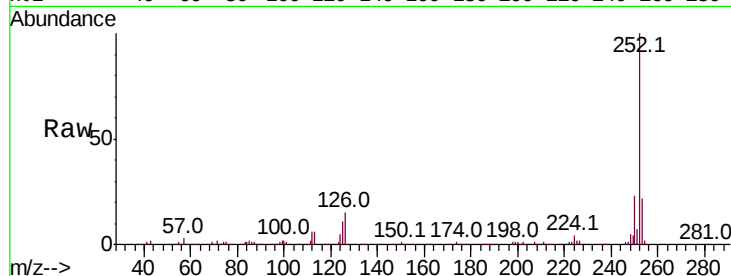




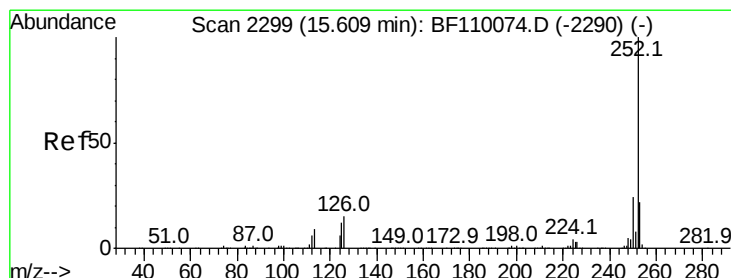
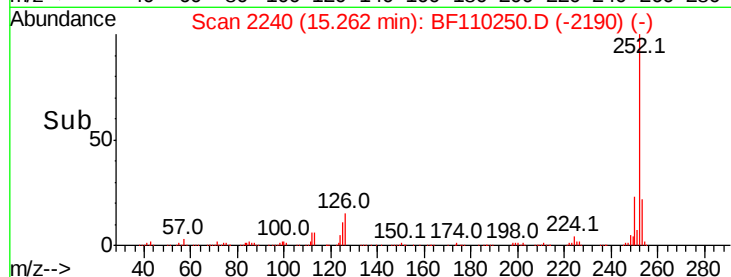
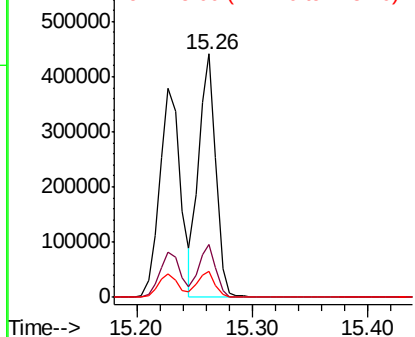
#89
Benzo(k)fluoranthene
Concen: 41.115 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF110250.D
Acq: 29 Oct 2018 9:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 460997
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 10.6 7.4 11.0

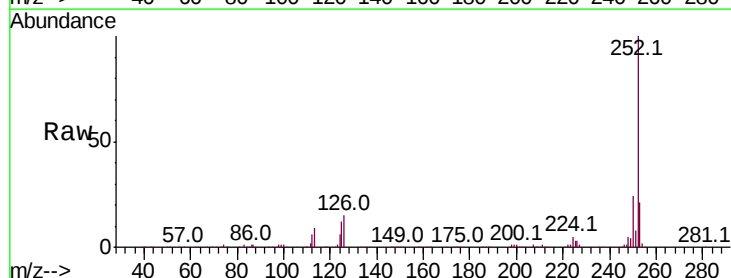


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

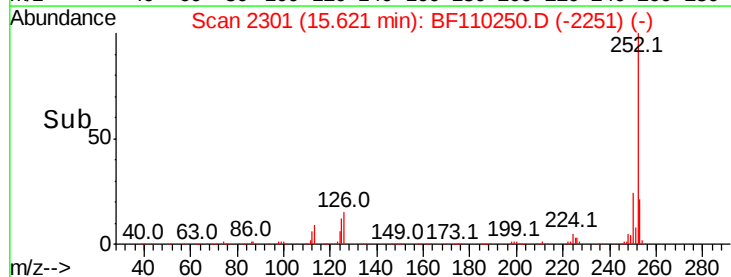
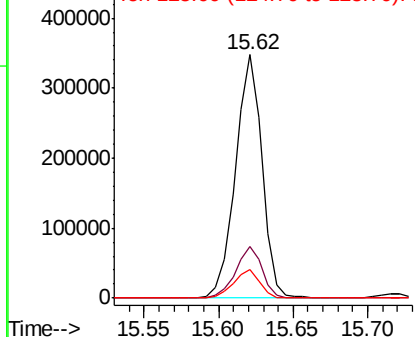


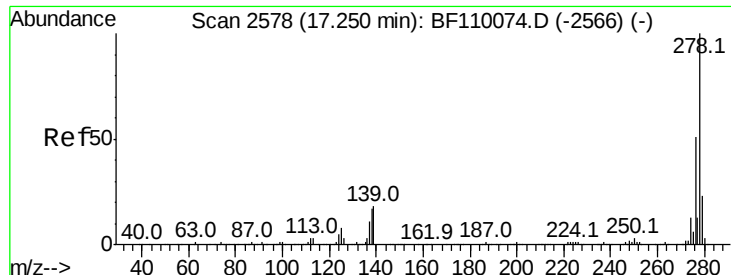
#90
Benzo(a)pyrene
Concen: 41.120 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF110250.D
Acq: 29 Oct 2018 9:40

Tgt Ion:252 Resp: 431532
Ion Ratio Lower Upper
252 100
253 21.2 18.2 27.4
125 11.7 9.0 13.6



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

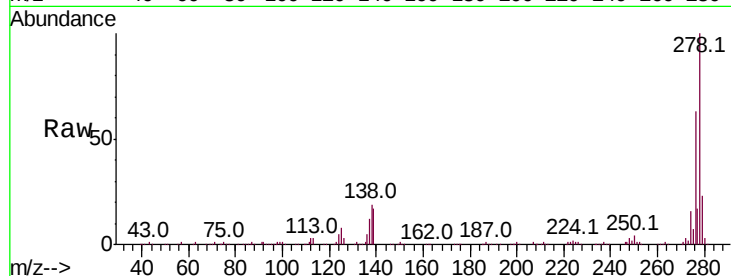




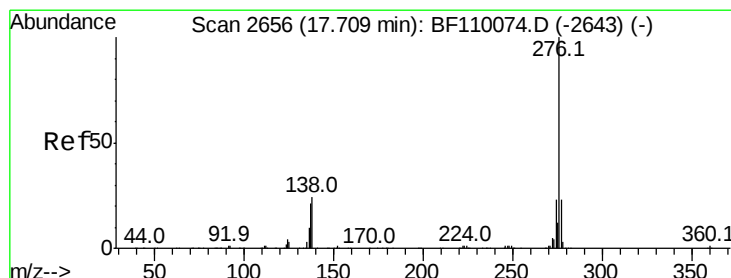
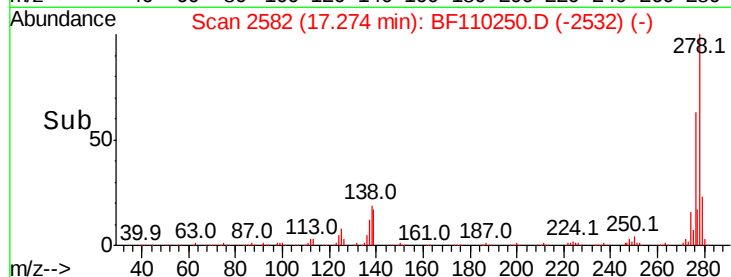
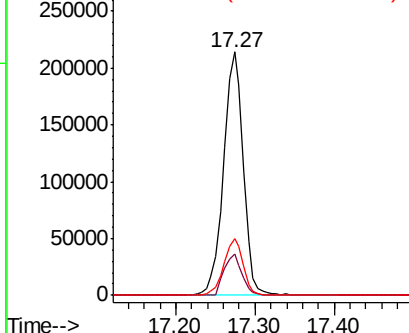
#91
Dibenzo(a,h)anthracene
Concen: 40.839 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BF110250.D
Acq: 29 Oct 2018 9:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.2	12.7	19.1
279	23.5	19.0	28.4

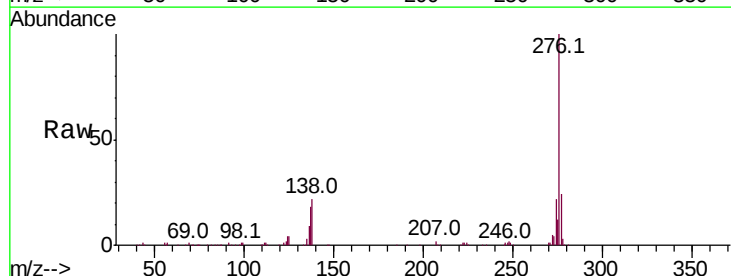


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.933 ng
RT: 17.74 min Scan# 2661
Delta R.T. -0.00 min
Lab File: BF110250.D
Acq: 29 Oct 2018 9:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	21.6	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

