

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110263.D
 Acq On : 29 Oct 2018 15:33
 Operator : JU/SJ
 Sample : J5649-07MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 07:04:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	107307	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	433877	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	186960	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	296529	20.00	ng	0.00
76) Chrysene-d12	14.16	240	206346	20.00	ng	0.00
87) Perylene-d12	15.69	264	180194	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	731374	110.99	ng	0.00
7) Phenol-d6	6.60	99	943024	111.89	ng	0.00
23) Nitrobenzene-d5	7.53	82	579126	79.17	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	203783	110.04	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1074856	90.28	ng	0.00
79) Terphenyl-d14	13.09	244	868987	87.58	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.84	88	70639	20.461	ng	91
3) Pyridine	3.63	79	162748	21.165	ng	89
4) n-Nitrosodimethylamine	3.58	42	122888	38.145	ng	89
6) Aniline	6.63	93	251143	22.874	ng	# 55
8) 2-Chlorophenol	6.76	128	279922	36.846	ng	98
9) Benzaldehyde	6.52	77	141861	26.276	ng	98
10) Phenol	6.61	94	398559	44.238	ng	# 66
11) bis(2-Chloroethyl)ether	6.70	93	255597	34.483	ng	95
12) 1,3-Dichlorobenzene	6.91	146	279408	33.420	ng	99
13) 1,4-Dichlorobenzene	6.99	146	285328	33.744	ng	99
14) 1,2-Dichlorobenzene	7.14	146	268786	34.242	ng	99
15) Benzyl Alcohol	7.11	79	244160	37.664	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.24	45	408257	34.448	ng	69
17) 2-Methylphenol	7.22	107	226918	37.478	ng	# 80
18) Hexachloroethane	7.48	117	98642	31.864	ng	98
19) n-Nitroso-di-n-propylamine	7.37	70	189578	35.060	ng	96
20) 3+4-Methylphenols	7.37	107	290750	37.150	ng	94
22) Acetophenone	7.38	105	383604	38.370	ng	98
24) Nitrobenzene	7.55	77	280171	37.098	ng	98
25) Isophorone	7.79	82	515890	41.373	ng	97
26) 2-Nitrophenol	7.87	139	140614	39.126	ng	92
27) 2,4-Dimethylphenol	7.90	122	255544	42.888	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	328812	38.817	ng	99
29) 2,4-Dichlorophenol	8.11	162	229066	38.053	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	245386	36.392	ng	95
31) Naphthalene	8.27	128	796323	39.822	ng	100
32) Benzoic acid	7.99	122	60602	13.160	ng	98
33) 4-Chloroaniline	8.32	127	124398	13.822	ng	98
34) Hexachlorobutadiene	8.39	225	134810	36.008	ng	97
35) Caprolactam	8.69	113	44067	21.003	ng	89
36) 4-Chloro-3-methylphenol	8.80	107	245278	37.680	ng	94
37) 2-Methylnaphthalene	8.97	142	549281	41.516	ng	99
38) 1-Methylnaphthalene	9.07	142	509902	39.881	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	229180	39.342	ng	98

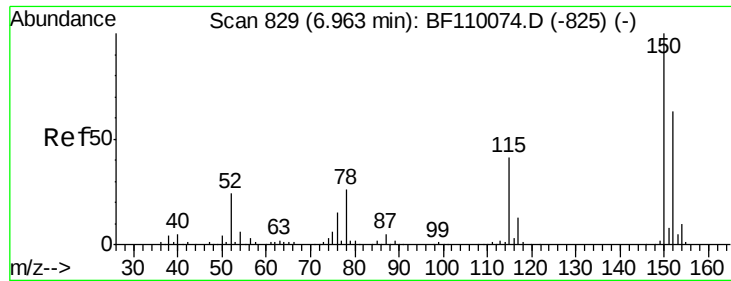
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110263.D
 Acq On : 29 Oct 2018 15:33
 Operator : JU/SJ
 Sample : J5649-07MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 07:04:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	87599	29.409	nq	98
43) 2,4,6-Trichlorophenol	9.25	196	149429	39.771	nq	94
44) 2,4,5-Trichlorophenol	9.29	196	160622	40.443	nq	96
46) 1,1'-Biphenyl	9.43	154	653848	38.674	nq	98
47) 2-Chloronaphthalene	9.46	162	481547	38.829	nq	99
48) 2-Nitroaniline	9.56	65	146012	38.853	nq	89
49) Acenaphthylene	9.88	152	729261	40.713	nq	99
50) Dimethylphthalate	9.73	163	748703	54.250	nq	99
51) 2,6-Dinitrotoluene	9.80	165	116545	39.204	nq #	85
52) Acenaphthene	10.05	154	455557	38.444	nq	98
53) 3-Nitroaniline	9.96	138	92143	26.064	nq	94
54) 2,4-Dinitrophenol	10.07	184	21958	22.582	nq	87
55) Dibenzofuran	10.22	168	642412	38.721	nq	96
56) 4-Nitrophenol	10.13	139	234377	89.578	nq	97
57) 2,4-Dinitrotoluene	10.20	165	145813	38.616	nq #	83
58) Fluorene	10.56	166	492635	39.897	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	122349	37.795	nq	96
60) Diethylphthalate	10.43	149	547458	40.637	nq	99
61) 4-Chlorophenyl-phenylether	10.55	204	242956	37.299	nq	98
62) 4-Nitroaniline	10.58	138	107480	30.568	nq	94
63) Azobenzene	10.71	77	497523	37.205	nq	97
65) 4,6-Dinitro-2-methylphenol	10.61	198	21936	16.192	nq	90
66) n-Nitrosodiphenylamine	10.67	169	436502	44.879	nq	96
67) 4-Bromophenyl-phenylether	11.05	248	137045	42.607	nq	96
68) Hexachlorobenzene	11.12	284	132877	38.935	nq	98
69) Atrazine	11.19	200	134127	43.637	nq	97
70) Pentachlorophenol	11.31	266	113941	57.256	nq	95
71) Phenanthrene	11.53	178	645311	41.591	nq	99
72) Anthracene	11.59	178	647771	41.652	nq	99
73) Carbazole	11.74	167	545182	35.903	nq	99
74) Di-n-butylphthalate	12.05	149	742520	43.296	nq	99
75) Fluoranthene	12.73	202	588975	37.403	nq	99
77) Benzidine	12.84	184	142221	18.920	nq	97
78) Pyrene	12.96	202	587314	39.702	nq	99
80) Butylbenzylphthalate	13.56	149	259838	40.468	nq	99
81) Benzo(a)anthracene	14.14	228	520962	42.574	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	152739	35.845	nq	99
83) Chrysene	14.19	228	496604	42.728	nq	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	357552	41.194	nq	97
85) Di-n-octyl phthalate	14.73	149	612944	45.415	nq	98
86) Indeno(1,2,3-cd)pyrene	17.26	276	374448	38.835	nq	97
88) Benzo(b)fluoranthene	15.23	252	462925	44.488	nq	100
89) Benzo(k)fluoranthene	15.26	252	435788	42.600	nq	98
90) Benzo(a)pyrene	15.62	252	403889	42.183	nq	99
91) Dibenzo(a,h)anthracene	17.27	278	321350	38.897	nq	98
92) Benzo(g,h,i)perylene	17.74	276	297650	36.561	nq	98

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

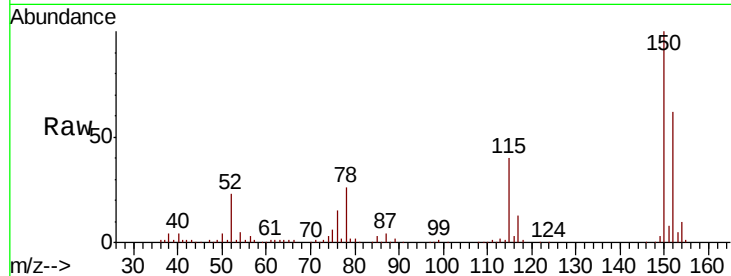


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	122.7	184.1
115	64.7	49.1	73.7

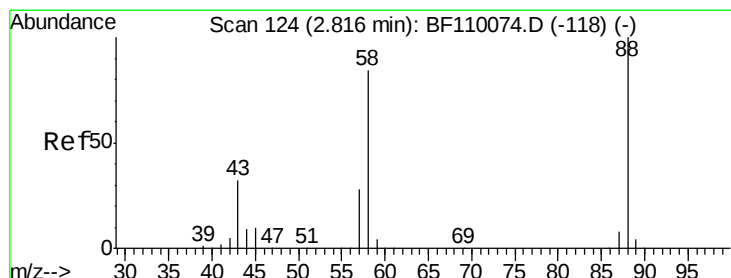
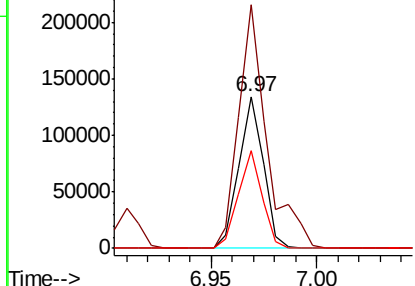
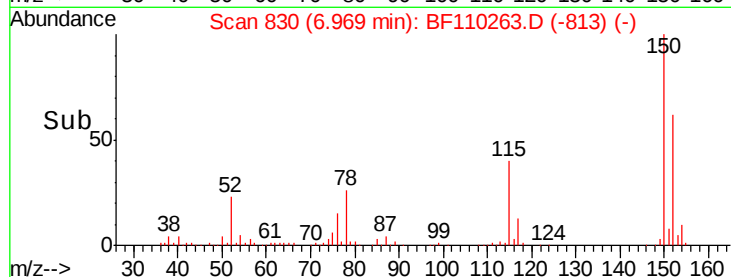


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

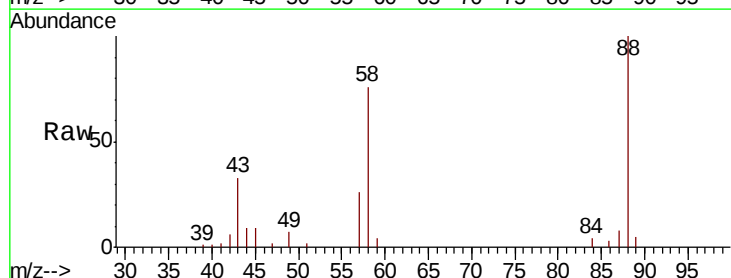
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 20.461 ng
RT: 2.84 min Scan# 128
Delta R.T. 0.03 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.8	57.1	85.7
43	33.4	24.1	36.1

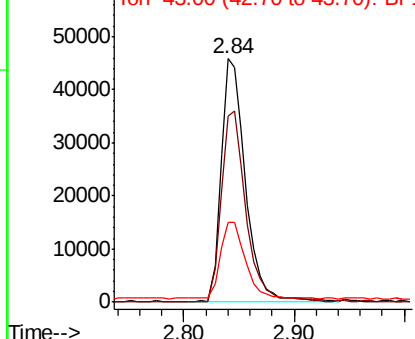
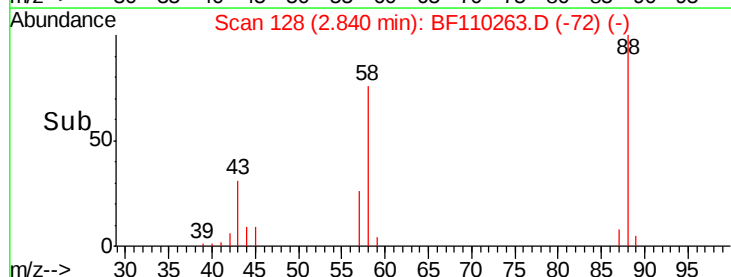


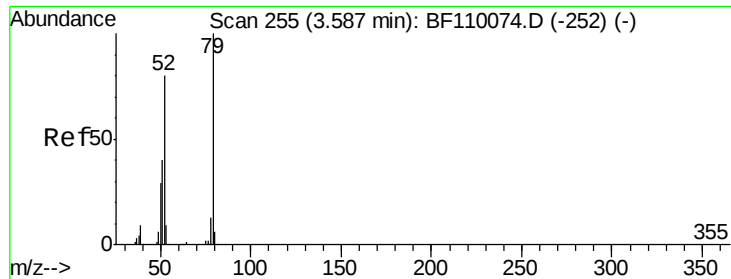
Abundance

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: 21.165 ng

RT: 3.63 min Scan# 262

Delta R.T. 0.04 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

ClientSampleId :

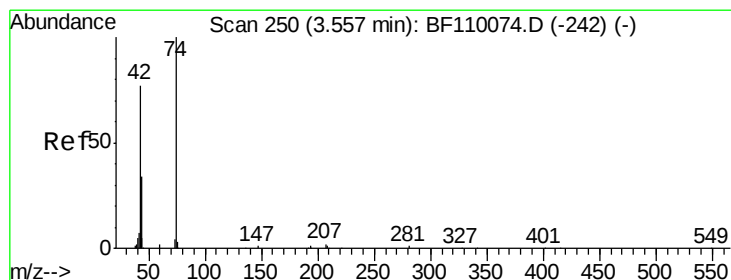
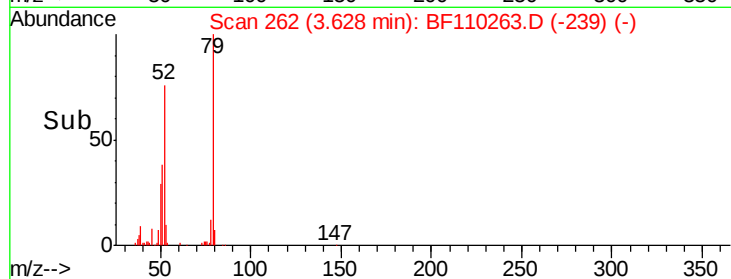
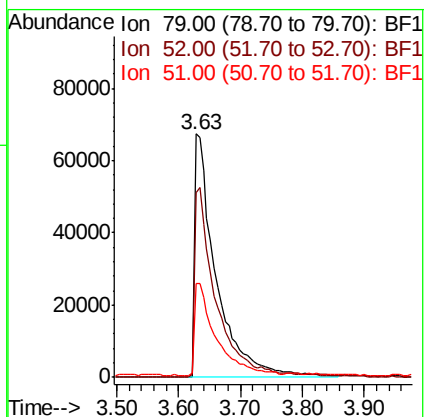
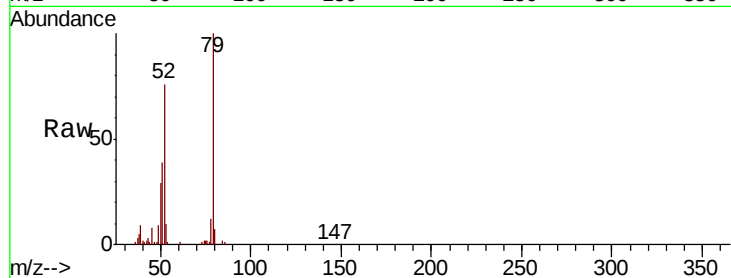
Tot Ion: 79 Resp: 162748

Ion Ratio Lower Upper

79 100

52 76.0 53.1 79.7

51 38.6 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 38.145 ng

RT: 3.58 min Scan# 253

Delta R.T. 0.02 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

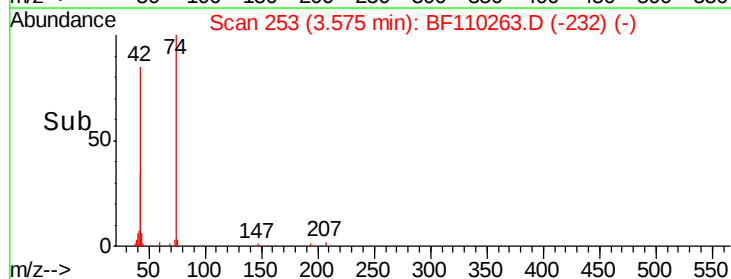
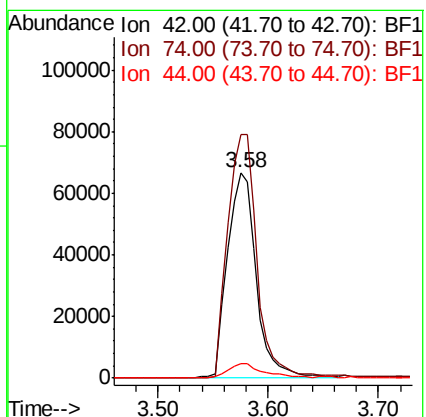
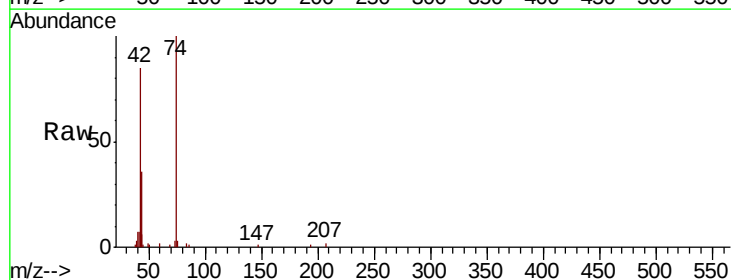
Tgt Ion: 42 Resp: 122888

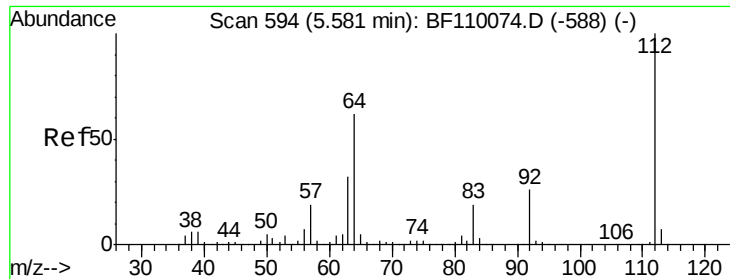
Ion Ratio Lower Upper

42 100

74 118.3 105.5 158.3

44 7.1 4.9 7.3





#5

2-Fluorophenol

Concen: 110.991 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.01 min

Lab File: BF110263.D

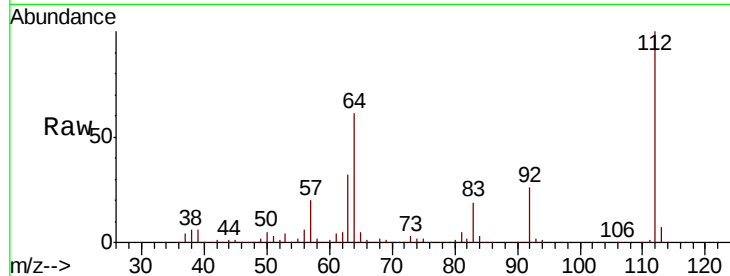
Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

ClientSampled :

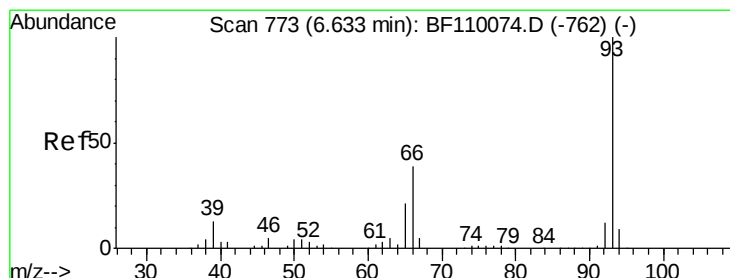
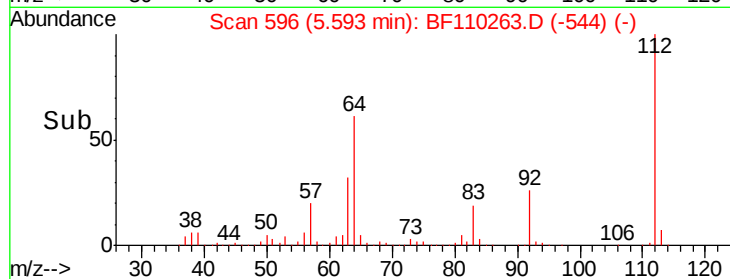
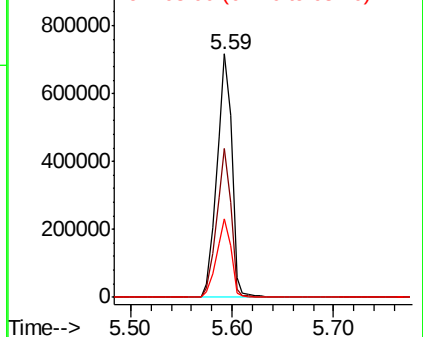
Tot Ion:	112	Resp:	731374
Ion	Ratio	Lower	Upper
112	100		
64	61.0	44.1	66.1
63	32.3	23.7	35.5



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: 22.874 ng

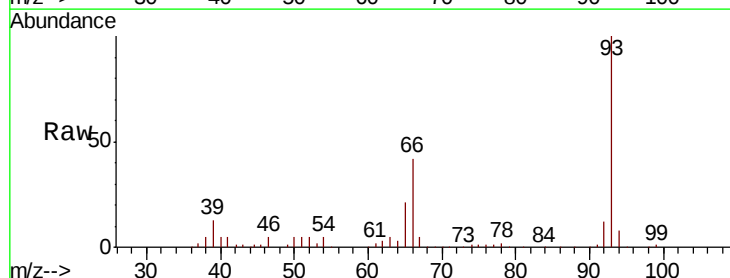
RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

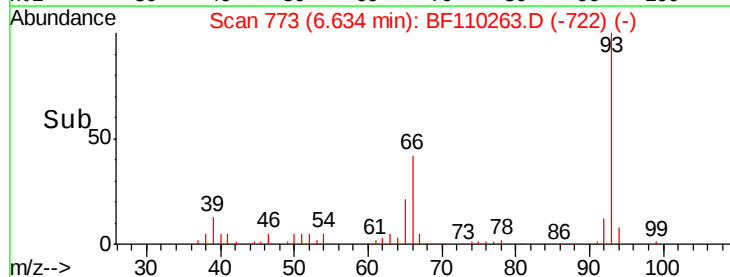
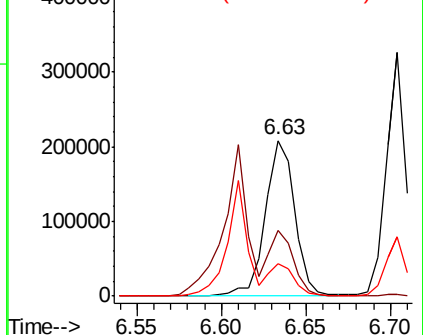
Tgt Ion:	93	Resp:	251143
Ion	Ratio	Lower	Upper
93	100		
66	41.9	67.4	101.0#
65	21.0	41.0	61.4#

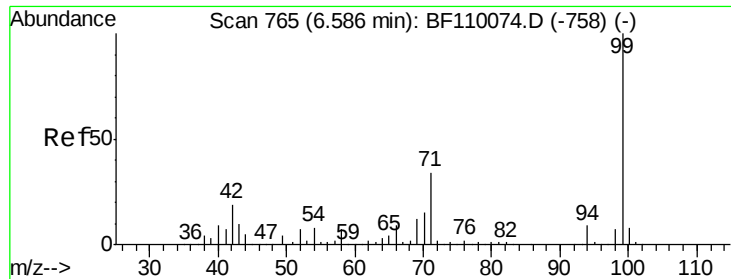


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.885 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

ClientSampled :

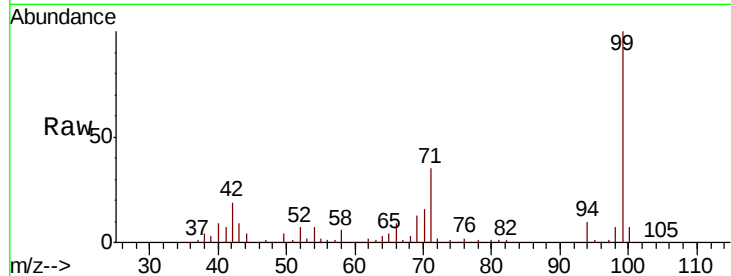
Tot Ion: 99 Resp: 943024

Ion Ratio Lower Upper

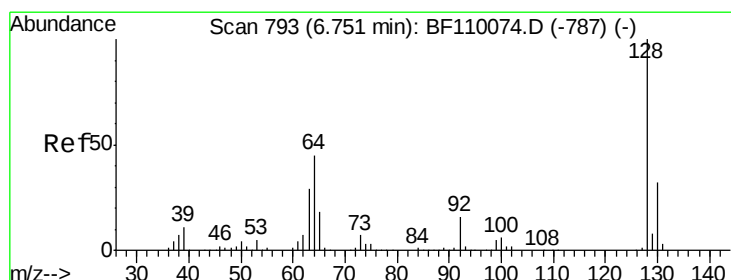
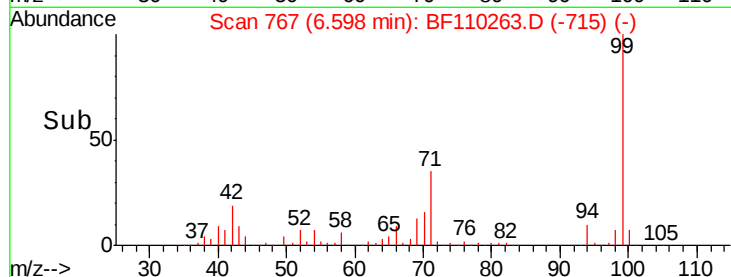
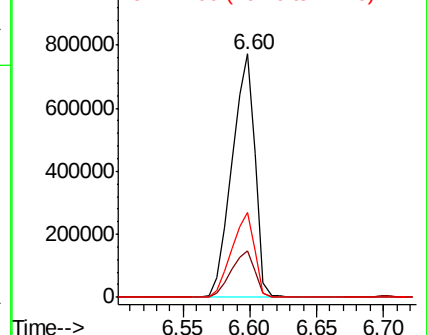
99 100

42 18.9 15.8 23.6

71 35.1 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: 36.846 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

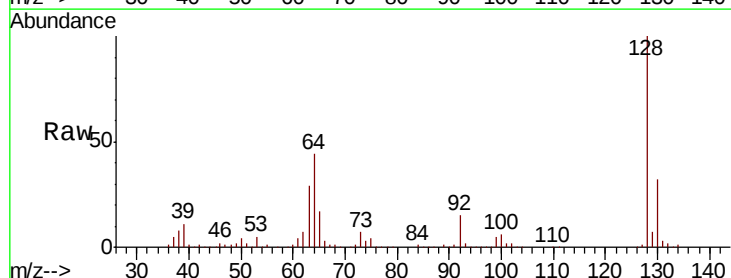
Tgt Ion: 128 Resp: 279922

Ion Ratio Lower Upper

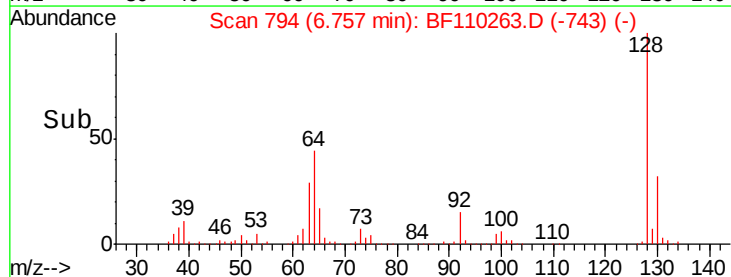
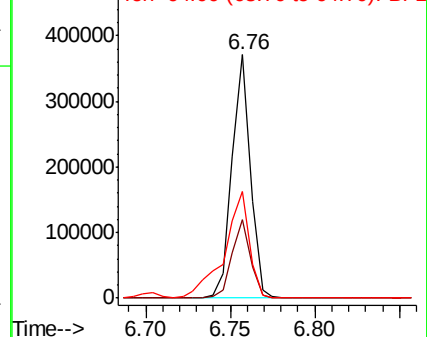
128 100

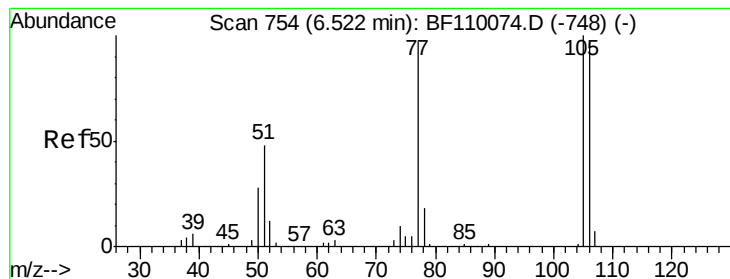
130 32.2 13.1 53.1

64 44.1 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: 26.276 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

ClientSampleId :

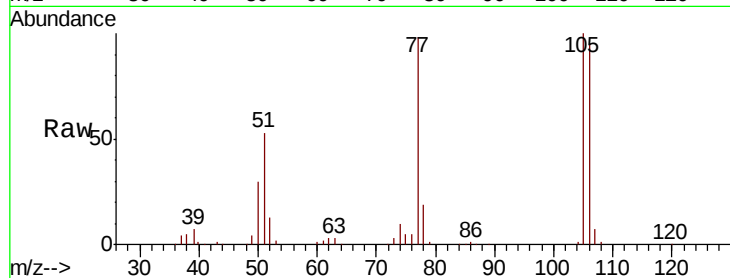
Tot Ion: 77 Resp: 141861

Ion Ratio Lower Upper

77 100

105 101.7 78.6 118.6

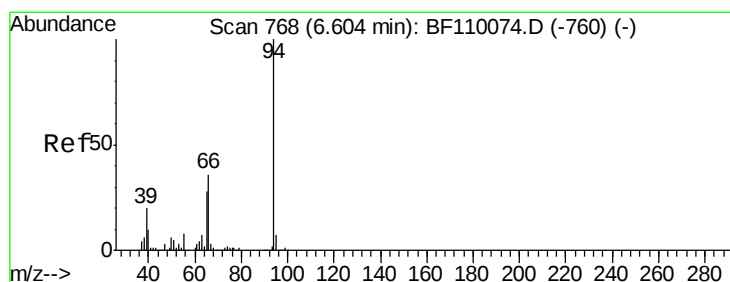
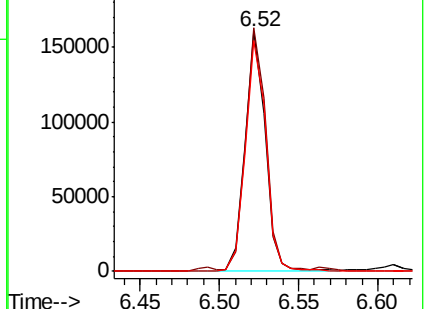
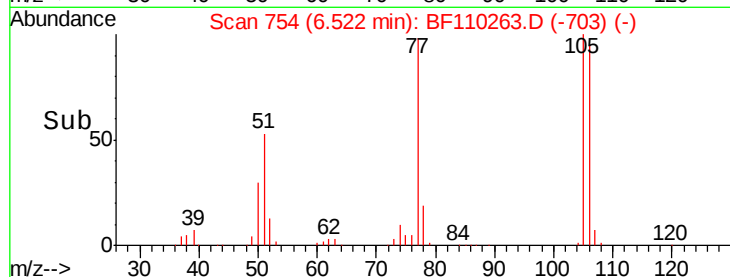
106 96.2 74.8 114.8



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: 44.238 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

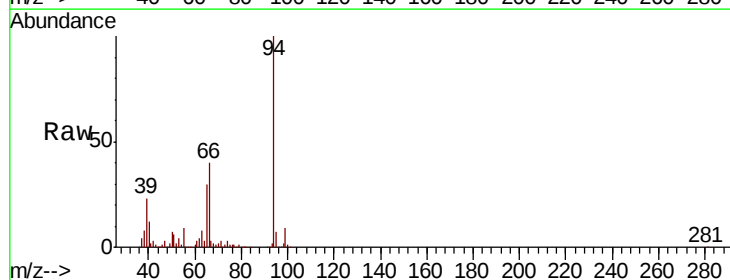
Tgt Ion: 94 Resp: 398559

Ion Ratio Lower Upper

94 100

65 30.3 25.3 65.3

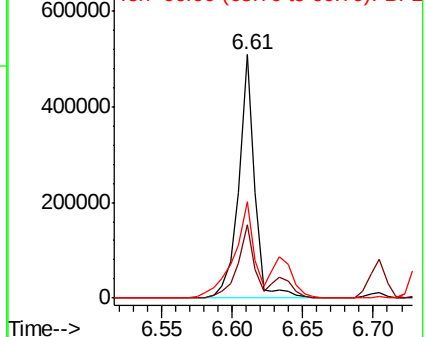
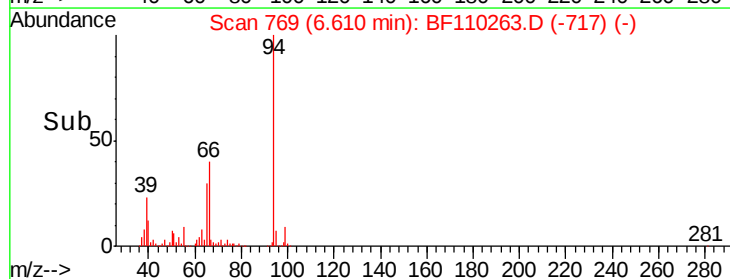
66 39.7 54.5 94.5#

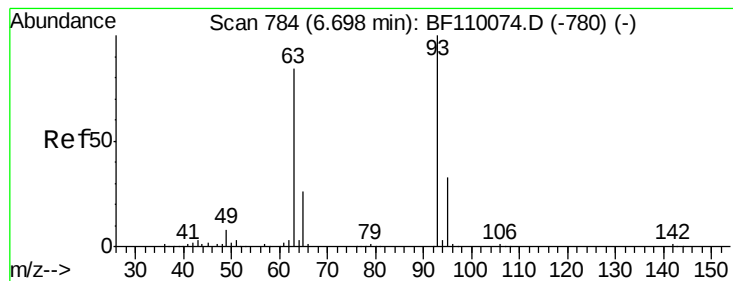


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 34.483 ng

RT: 6.70 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

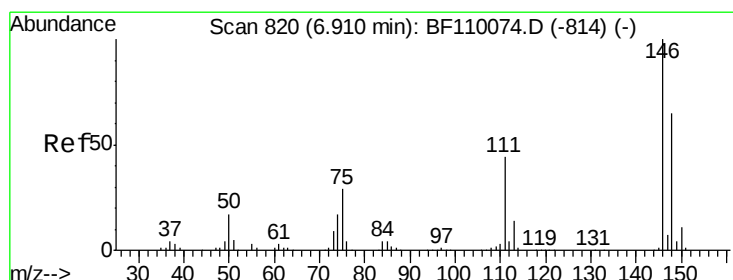
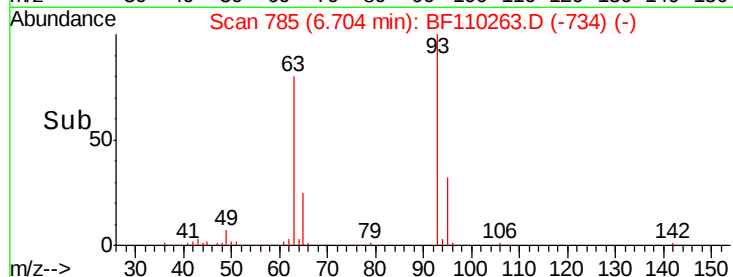
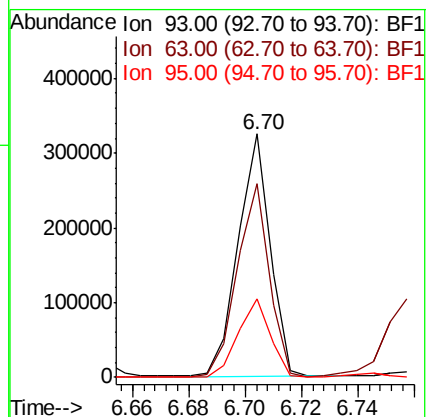
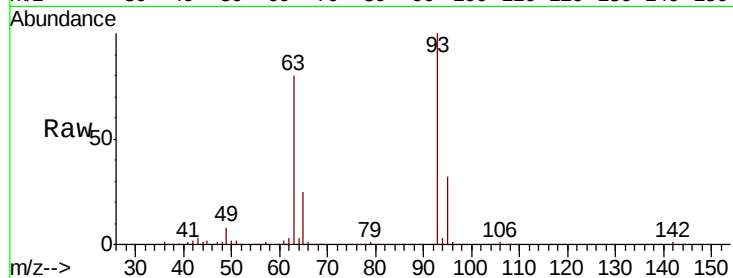
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 93 Resp: 255597

Ion	Ratio	Lower	Upper
93	100		
63	79.7	53.4	93.4
95	32.2	12.1	52.1



#12

1,3-Dichlorobenzene

Concen: 33.420 ng

RT: 6.91 min Scan# 820

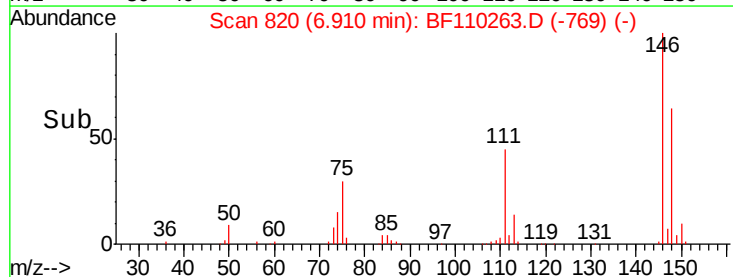
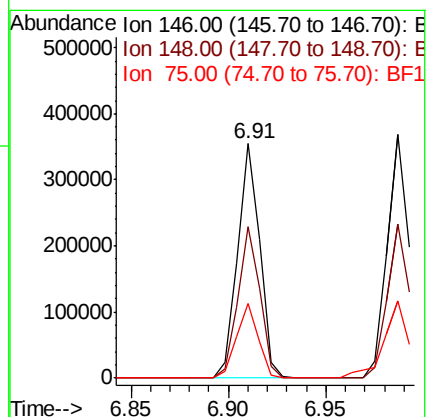
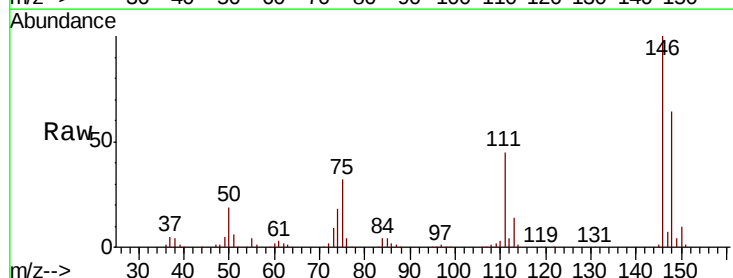
Delta R.T. 0.00 min

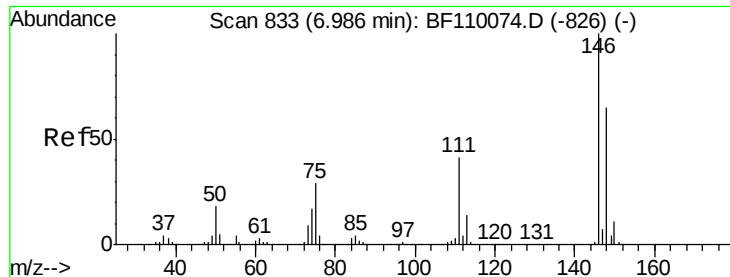
Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Tgt Ion: 146 Resp: 279408

Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.4	75.6
75	31.7	25.8	38.6

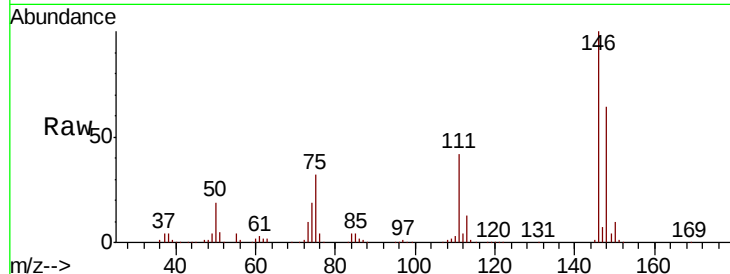




#13
 1,4-Dichlorobenzene
 Concen: 33.744 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.3	75.5
111	42.1	32.7	49.1

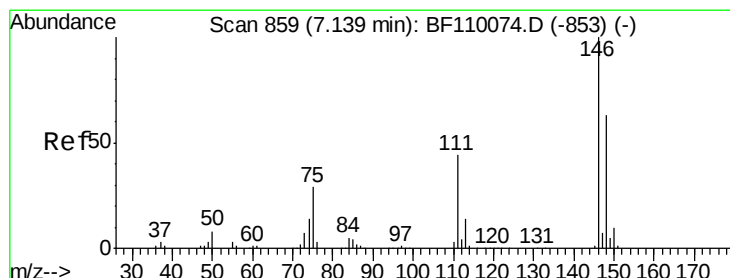
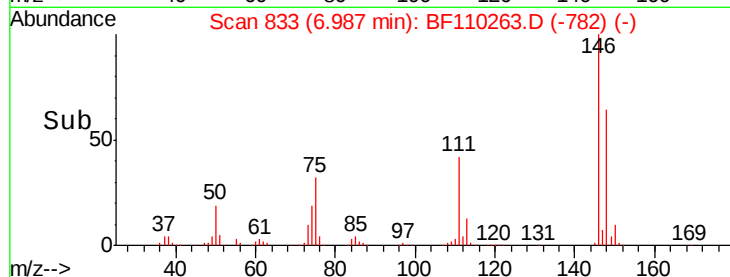
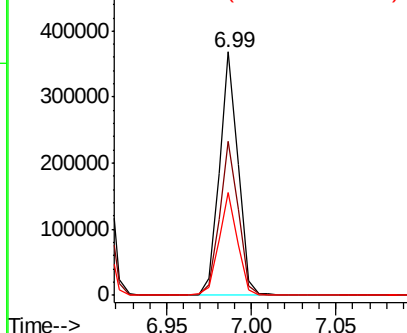


Abundance

Ion 146.00 (145.70 to 146.70): E

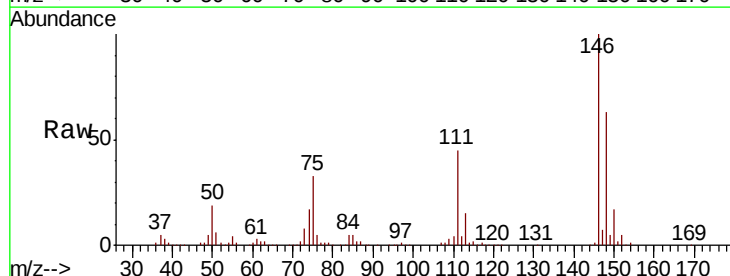
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 34.242 ng
 RT: 7.14 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.1	76.7
111	45.3	35.8	53.6

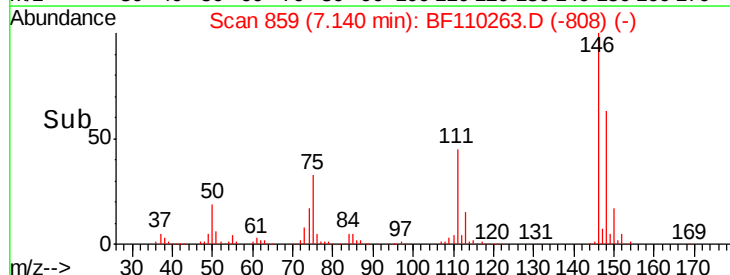
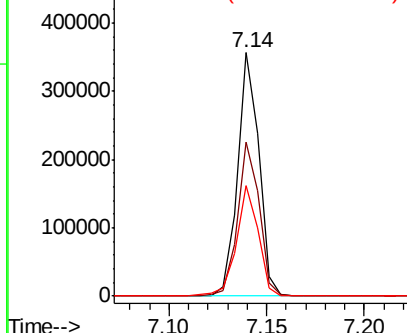


Abundance

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: 37.664 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

ClientSampleId :

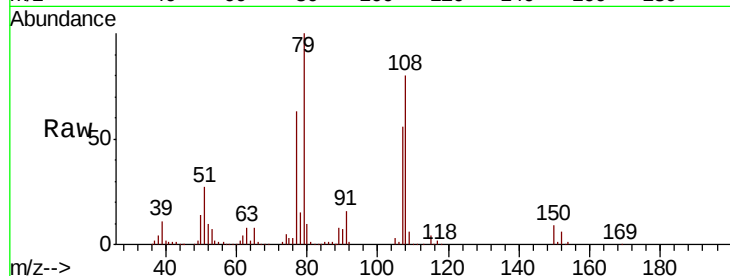
Tot Ion: 79 Resp: 244160

Ion Ratio Lower Upper

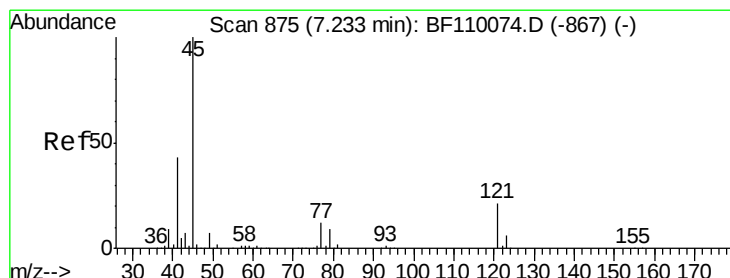
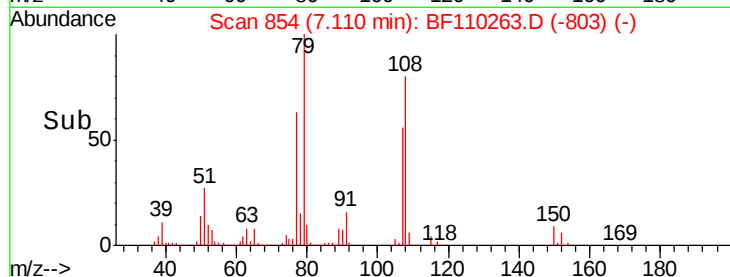
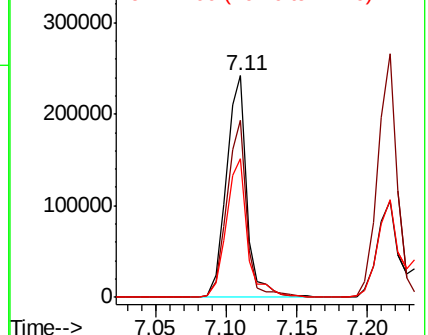
79 100

108 79.7 56.3 84.5

77 62.7 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.448 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

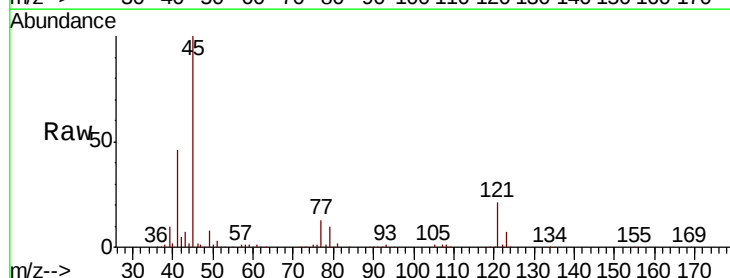
Tgt Ion: 45 Resp: 408257

Ion Ratio Lower Upper

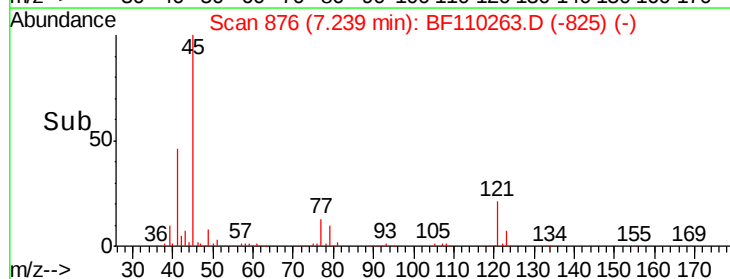
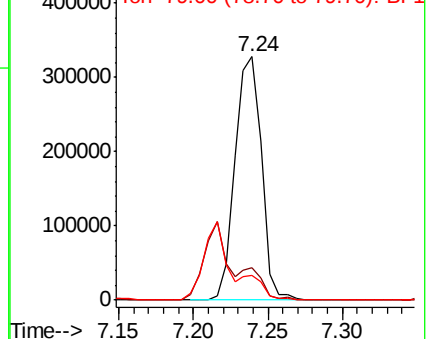
45 100

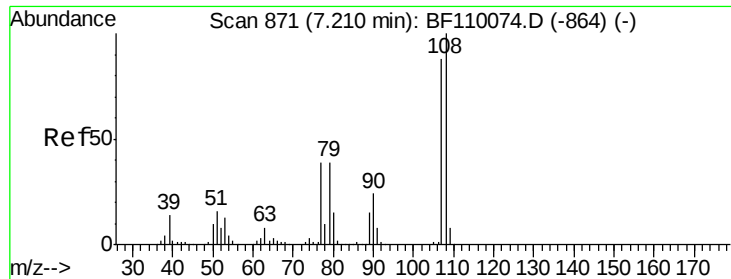
77 13.3 10.0 50.0

79 10.4 6.1 46.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

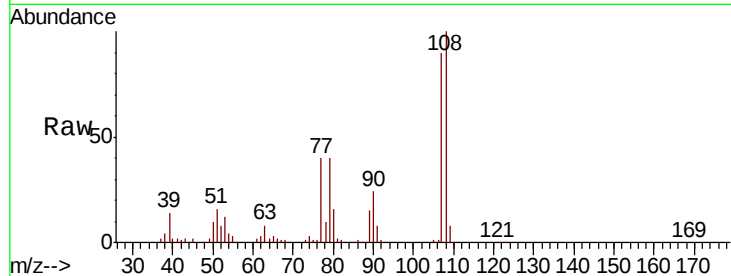




#17
2-Methylphenol
Concen: 37.478 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.5	92.6	138.8
77	44.1	59.4	89.2#
79	43.8	54.0	81.0#



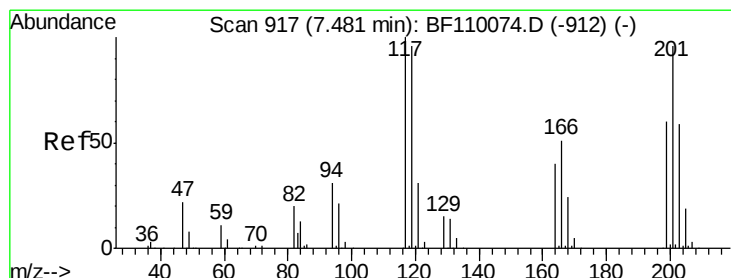
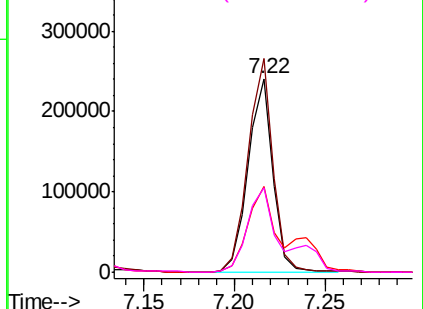
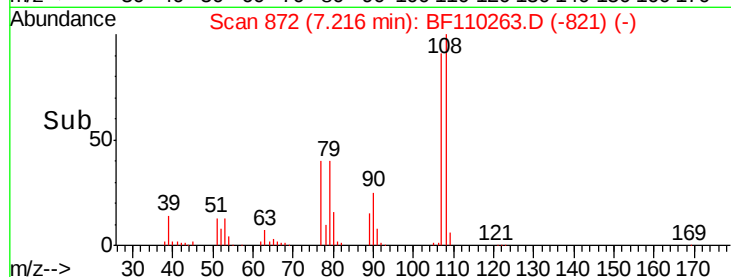
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

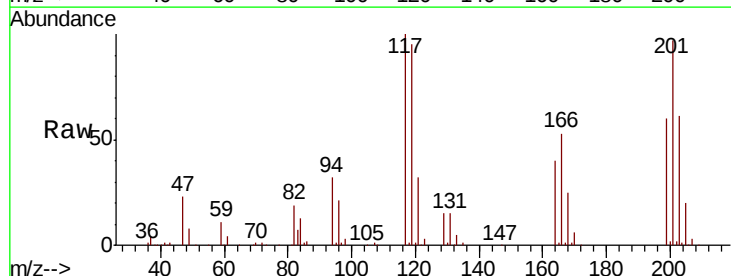
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 31.864 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.0	112.6
201	97.4	79.2	118.8

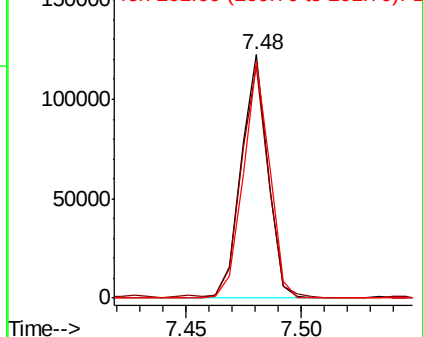
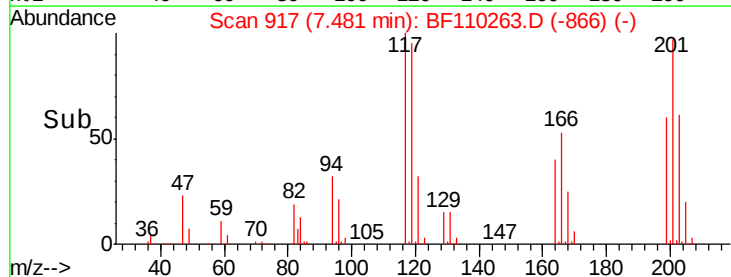


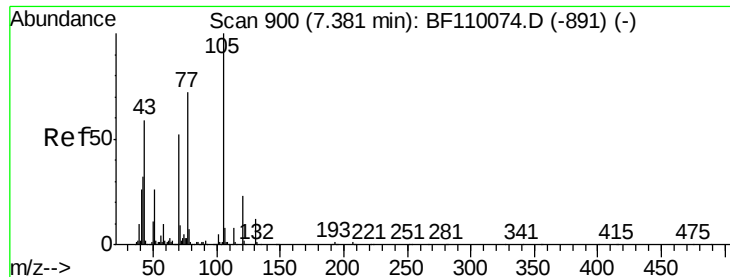
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

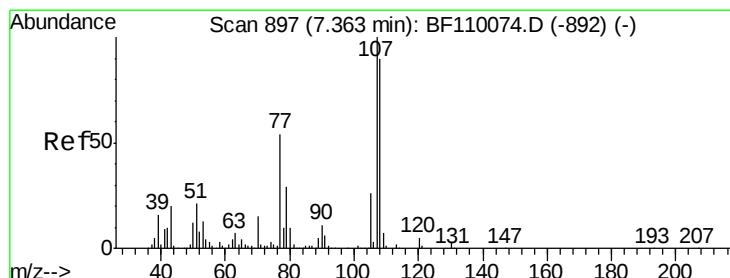
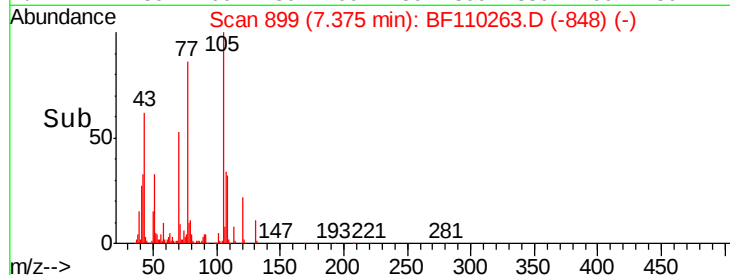
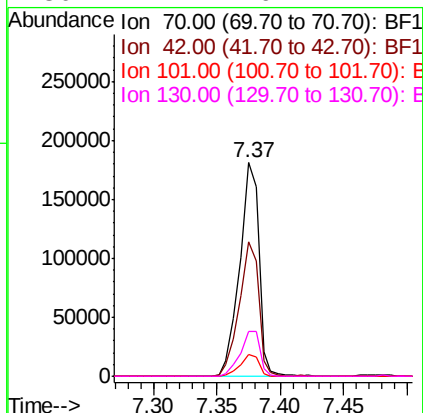
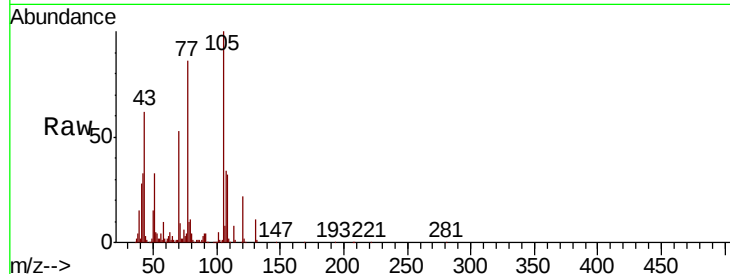




#19
n-Nitroso-di-n-propylamine
Concen: 35.060 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

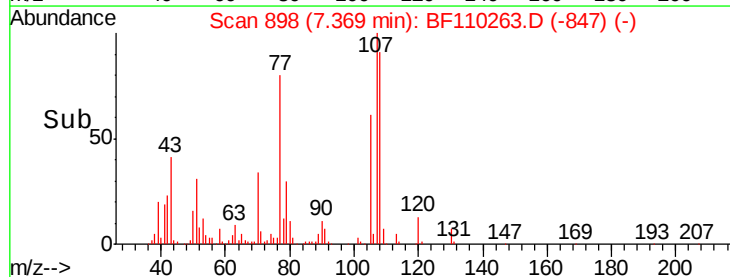
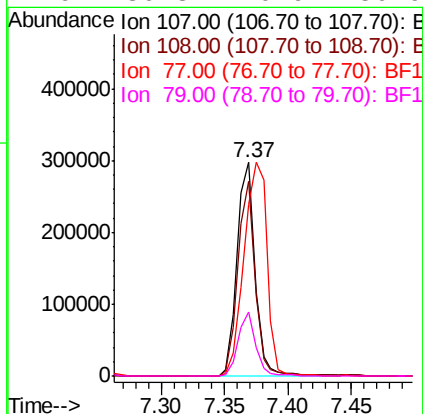
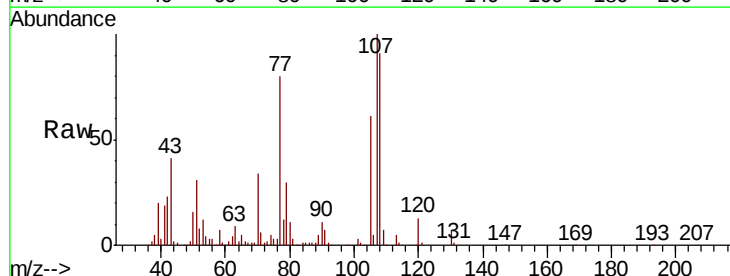
Instrument :
BNA_F
ClientSampleId :

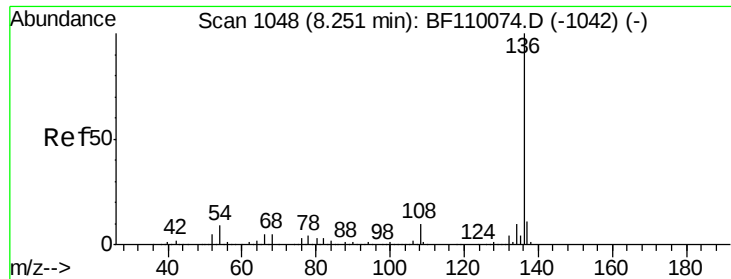
Tot Ion: 70 Resp: 189578
Ion Ratio Lower Upper
70 100
42 63.0 47.4 71.2
101 10.0 7.3 10.9
130 21.1 16.2 24.2



#20
3+4-Methylphenols
Concen: 37.150 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion: 107 Resp: 290750
Ion Ratio Lower Upper
107 100
108 91.3 71.4 111.4
77 80.4 47.3 87.3
79 30.3 10.9 50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 433877

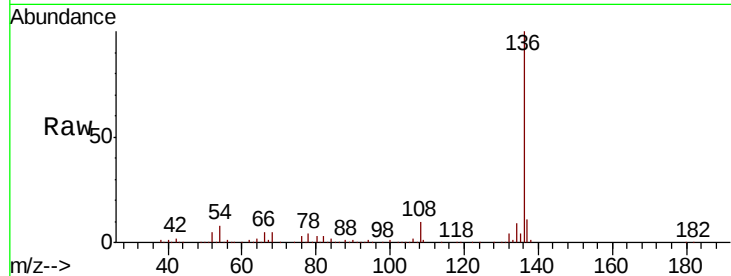
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.0 5.4 8.2

68 5.2 4.2 6.2

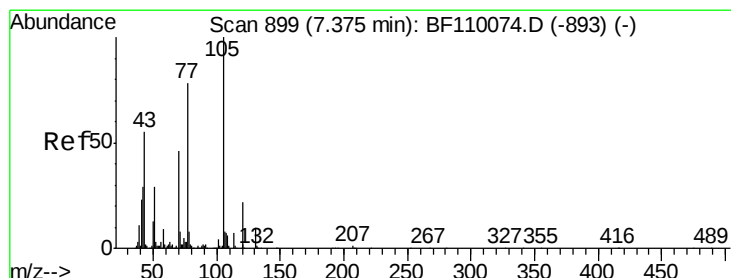
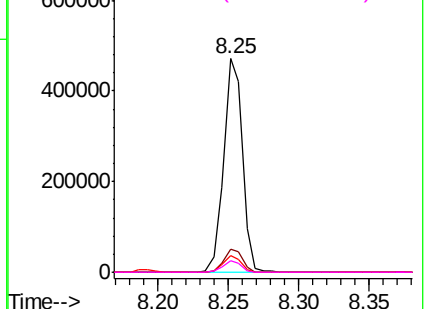
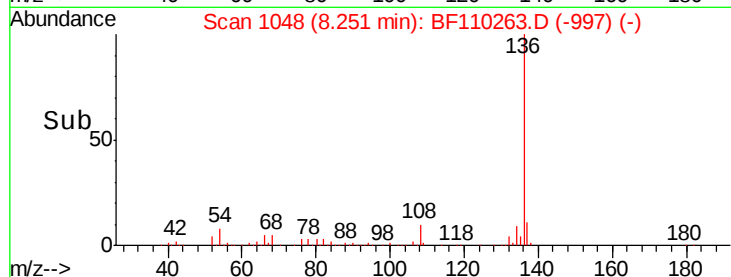


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.370 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Tgt Ion:105 Resp: 383604

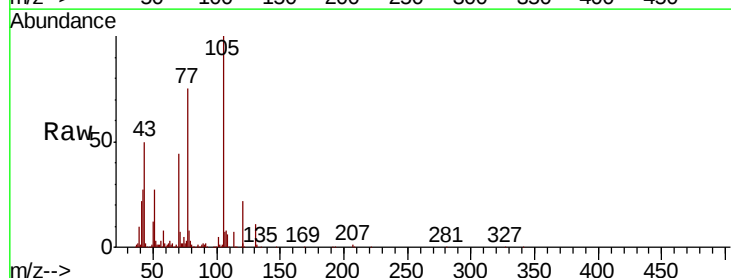
Ion Ratio Lower Upper

105 100

71 7.3 5.2 7.8

51 26.8 21.8 32.8

120 22.5 17.0 25.4

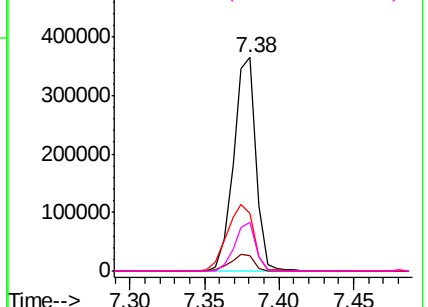
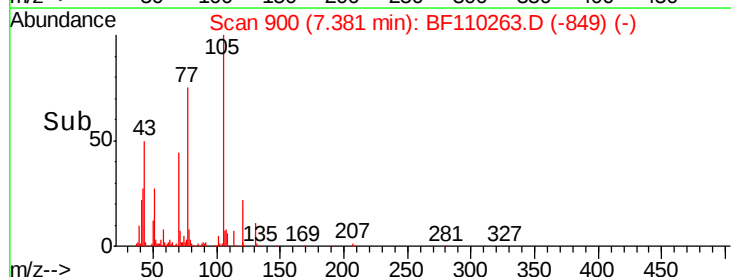


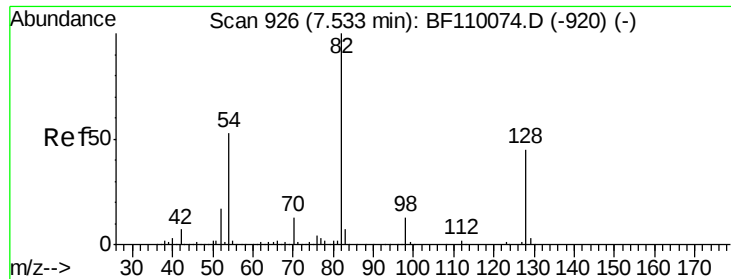
Abundance Ion 105.00 (104.70 to 105.70): E

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

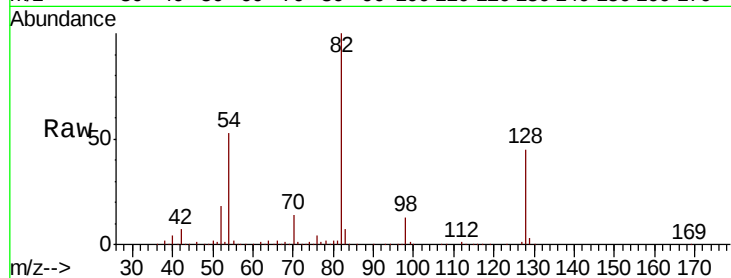




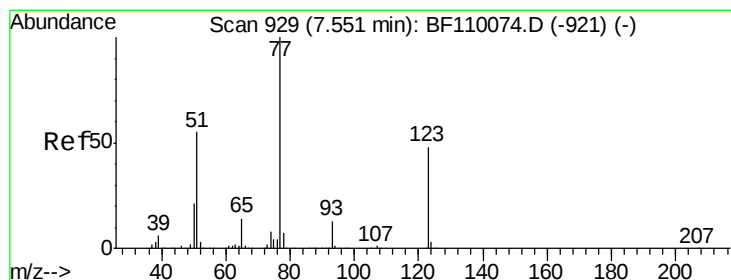
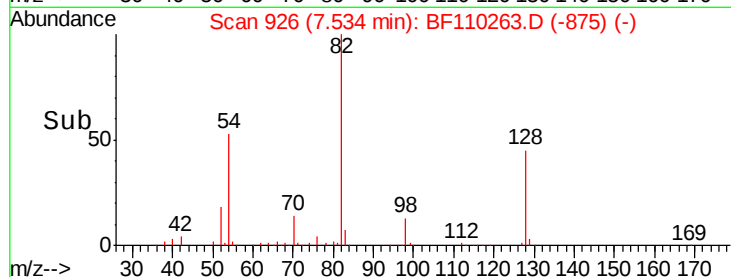
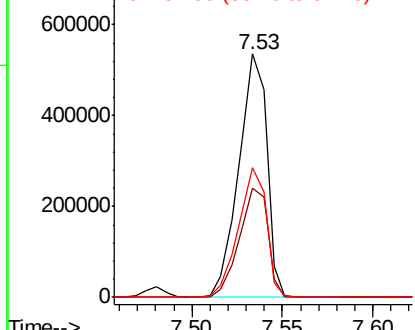
#23
 Nitrobenzene-d5
 Concen: 79.169 ng
 RT: 7.53 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	579126
Ion Ratio	Lower	Upper	
82	100		
128	44.8	34.2	51.2
54	53.4	38.6	58.0

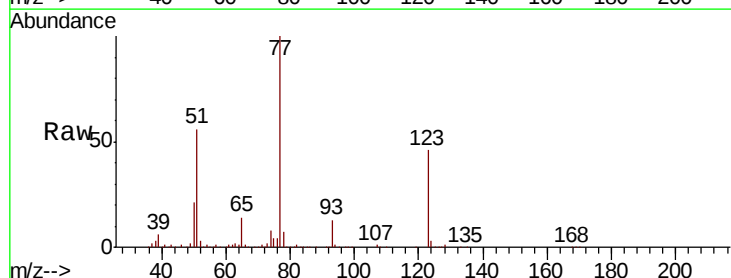


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

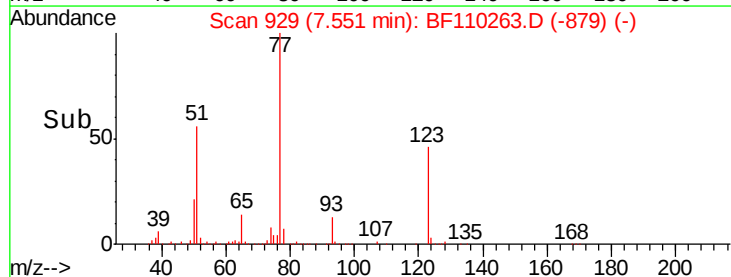
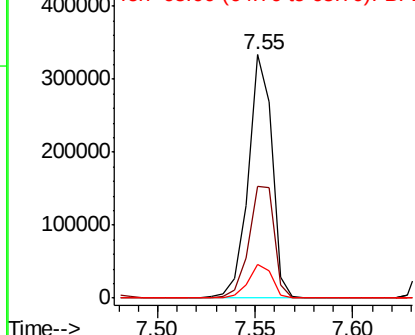


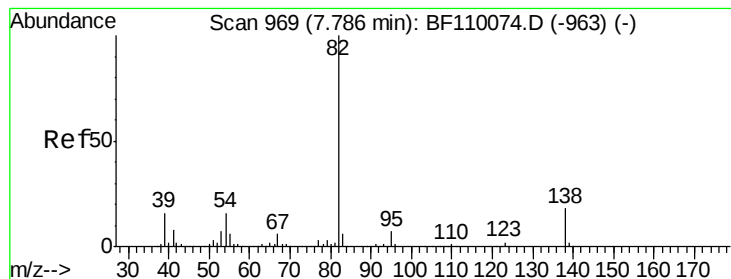
#24
 Nitrobenzene
 Concen: 37.098 ng
 RT: 7.55 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Tgt Ion	77	Resp	280171
Ion Ratio	Lower	Upper	
77	100		
123	45.9	35.7	53.5
65	13.7	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: 41.373 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

ClientSampleId :

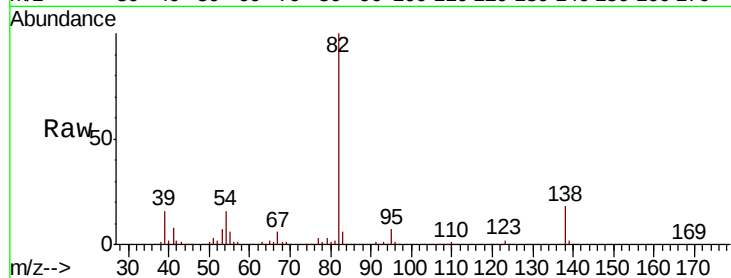
Tot Ion: 82 Resp: 515890

Ion Ratio Lower Upper

82 100

95 7.5 5.7 8.5

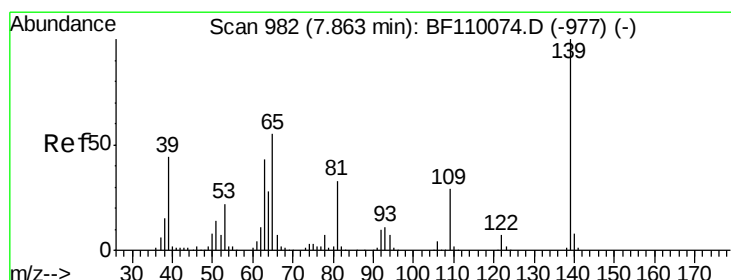
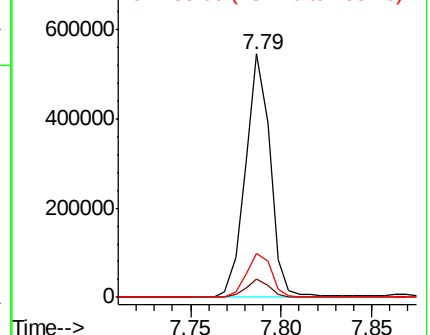
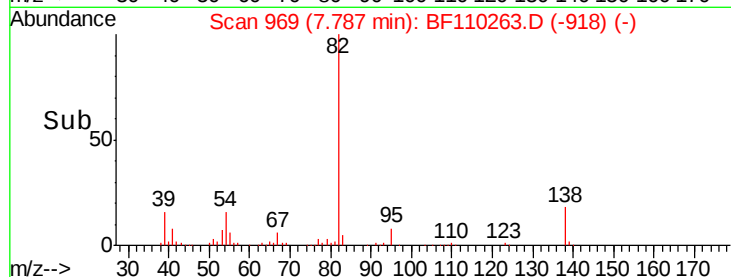
138 18.0 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.126 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

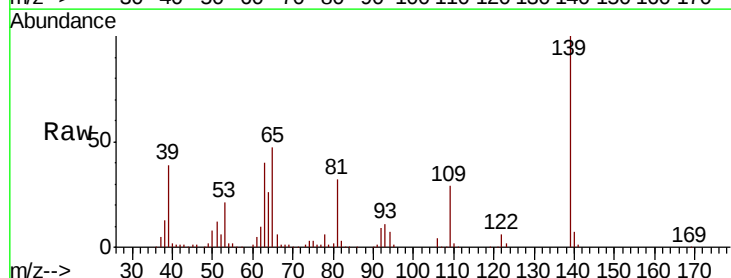
Tgt Ion: 139 Resp: 140614

Ion Ratio Lower Upper

139 100

109 28.8 25.0 37.6

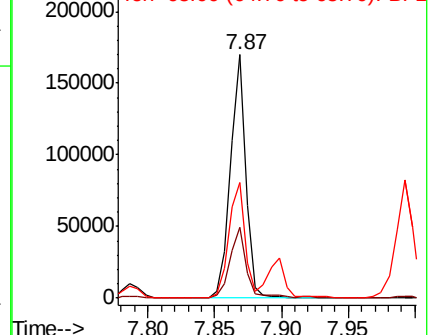
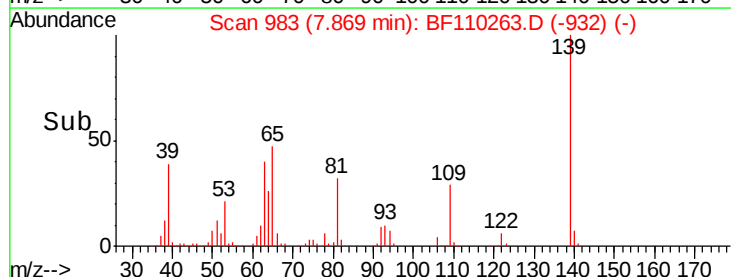
65 47.4 44.0 66.0

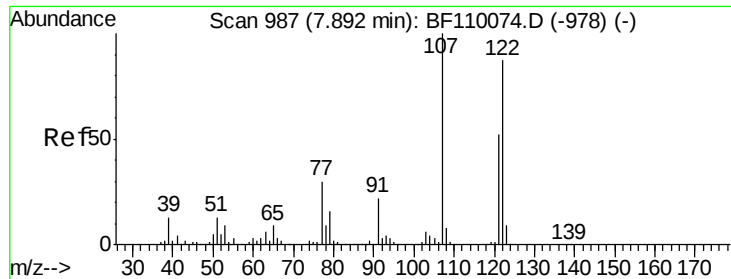


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

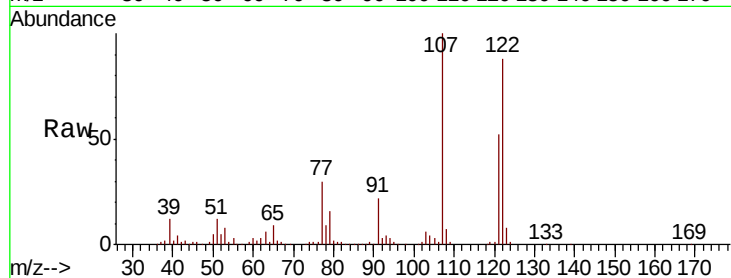




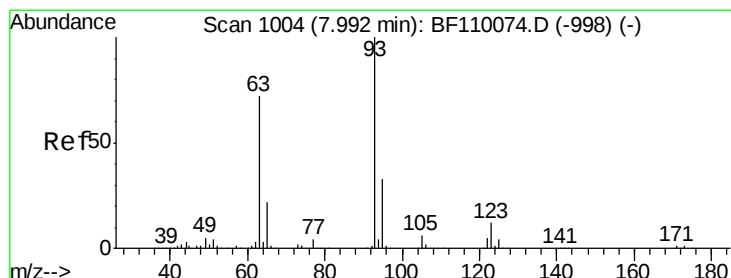
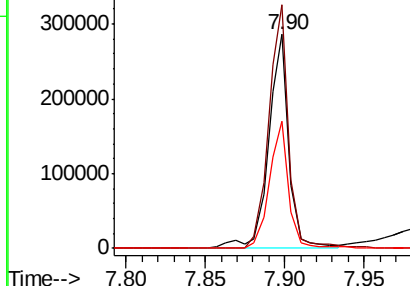
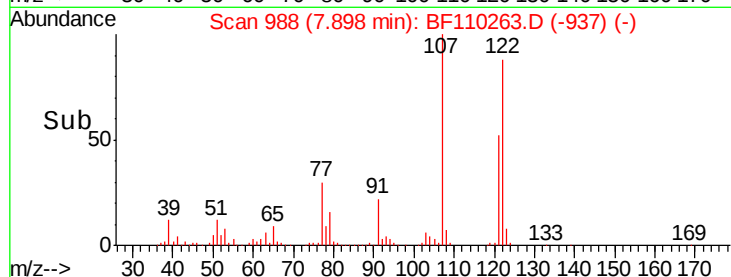
#27
2,4-Dimethylphenol
Concen: 42.888 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 255544
Ion Ratio Lower Upper
122 100
107 113.8 92.5 138.7
121 59.5 45.8 68.8

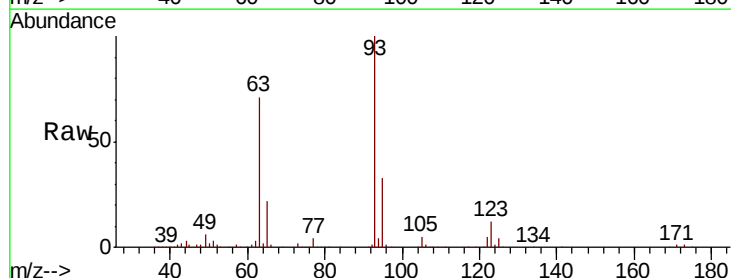


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

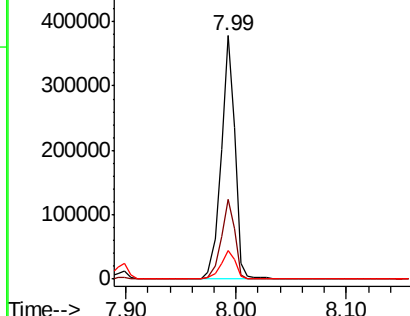
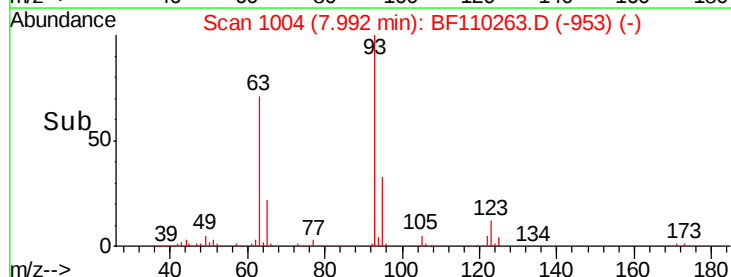


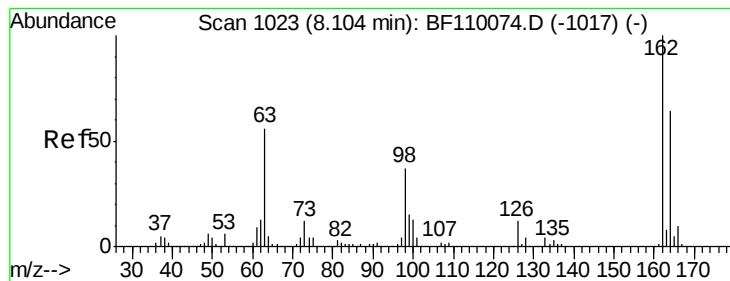
#28
bis(2-Chloroethoxy)methane
Concen: 38.817 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion: 93 Resp: 328812
Ion Ratio Lower Upper
93 100
95 32.6 26.4 39.6
123 11.5 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: 38.053 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

ClientSampleId :

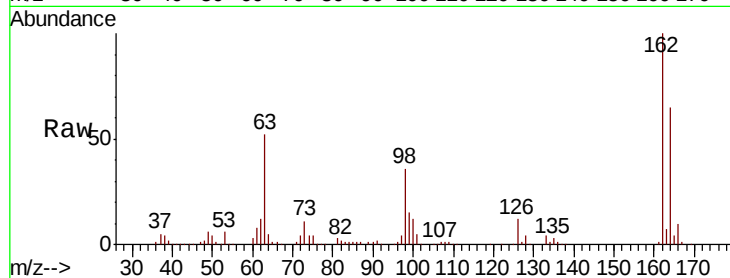
Tot Ion:162 Resp: 229066

Ion Ratio Lower Upper

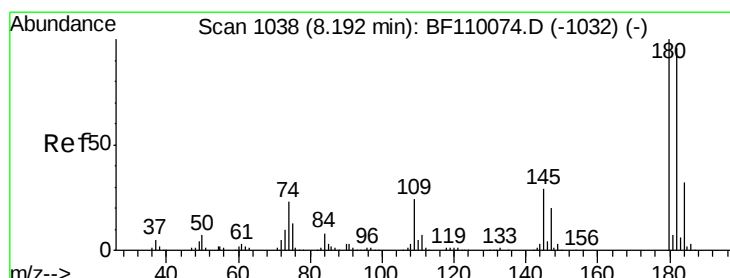
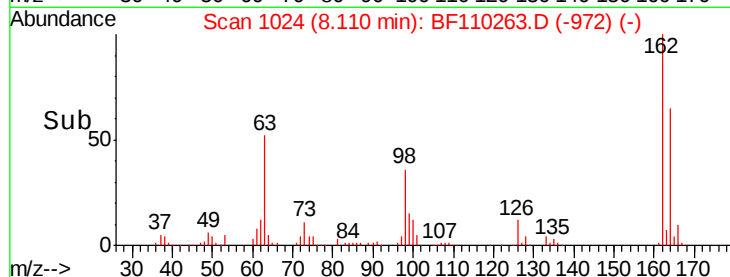
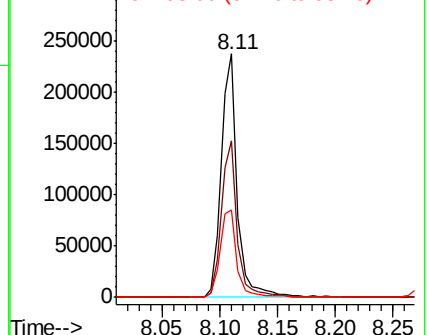
162 100

164 64.5 44.6 84.6

98 36.1 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: 36.392 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

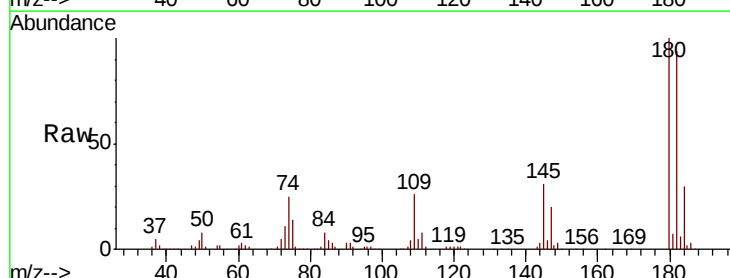
Tgt Ion:180 Resp: 245386

Ion Ratio Lower Upper

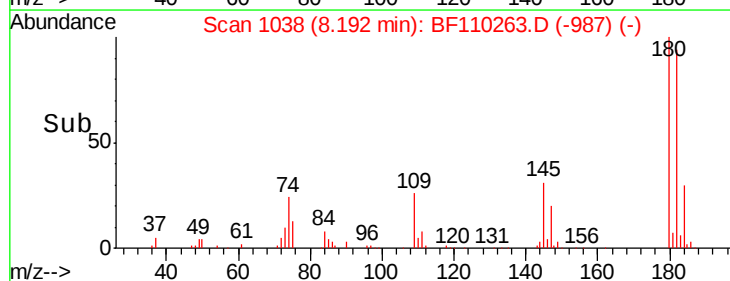
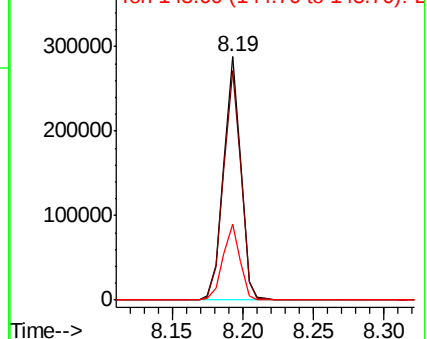
180 100

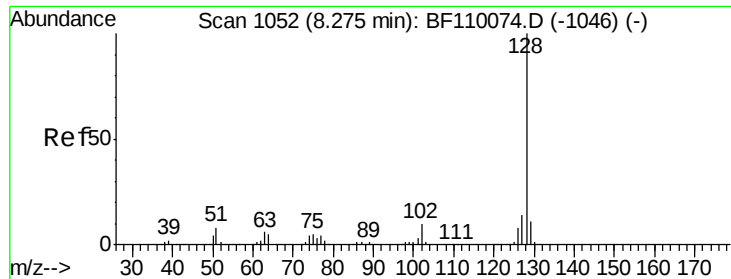
182 94.1 80.3 120.5

145 31.0 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

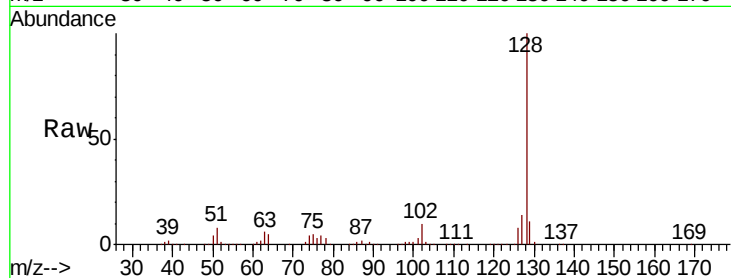




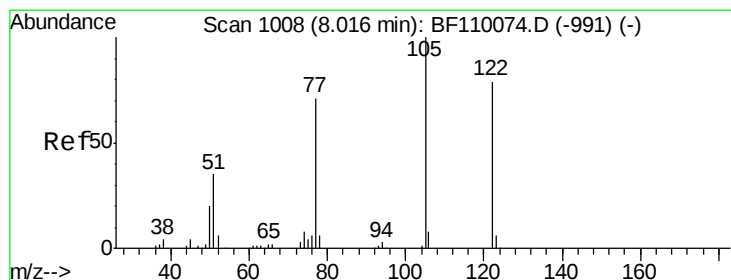
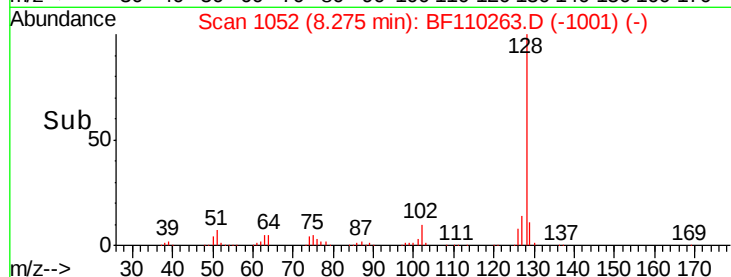
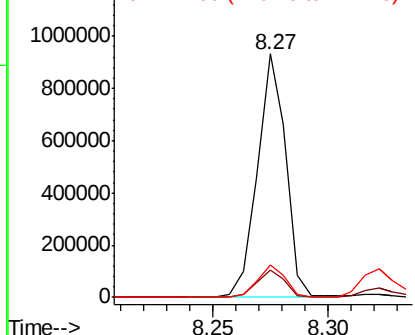
#31
Naphthalene
Concen: 39.822 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 796323
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.5 10.8 16.2

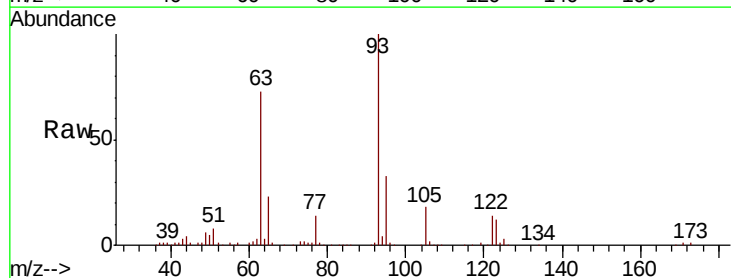


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

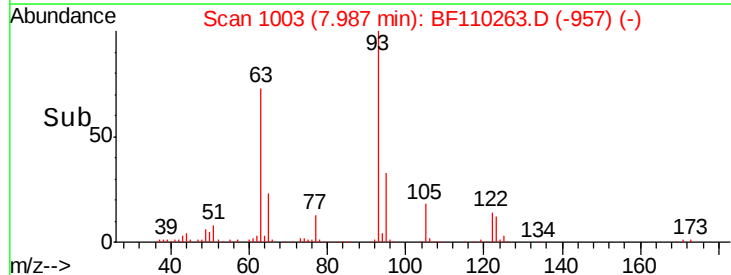
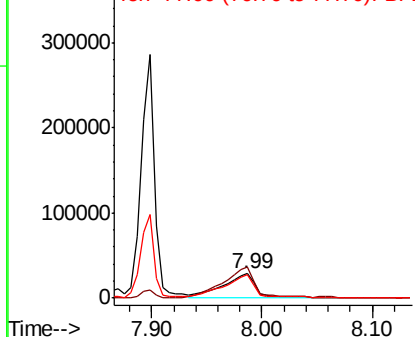


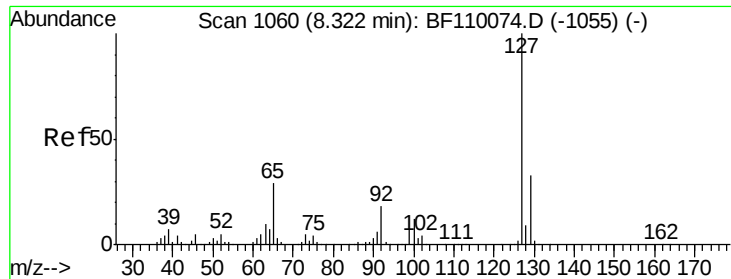
#32
Benzoic acid
Concen: 13.160 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.03 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion:122 Resp: 60602
Ion Ratio Lower Upper
122 100
105 126.5 109.0 149.0
77 97.3 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

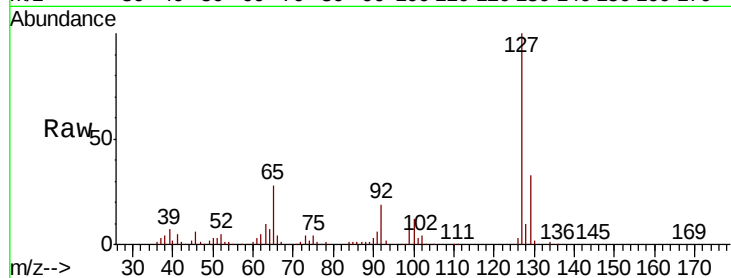




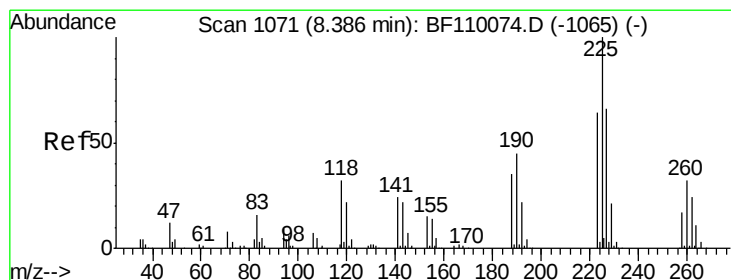
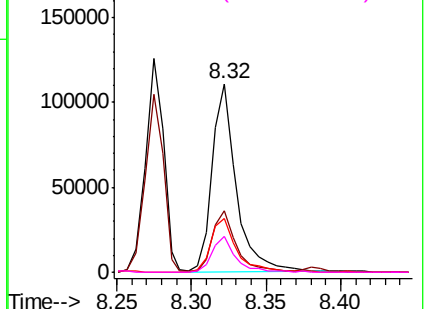
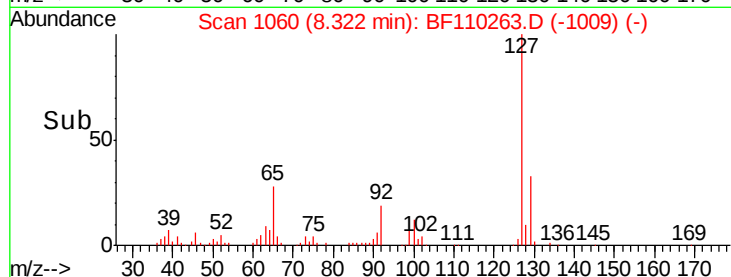
#33
4-Chloroaniline
Concen: 13.822 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	124398
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.0	39.0
65	28.4	25.1	37.7
92	18.9	15.0	22.6

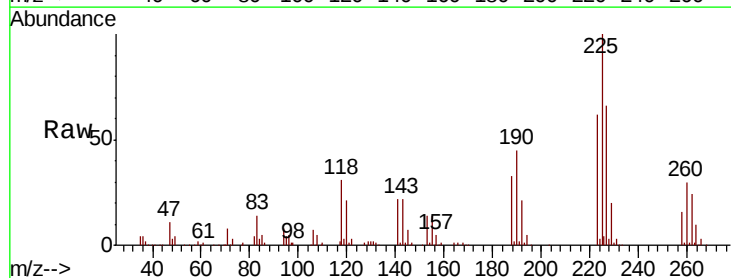


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

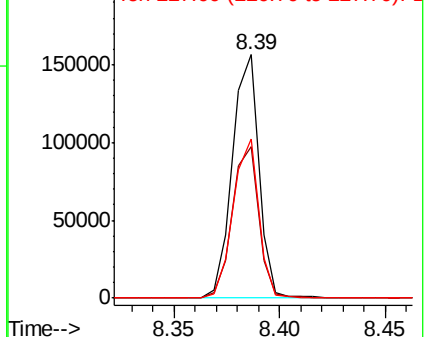
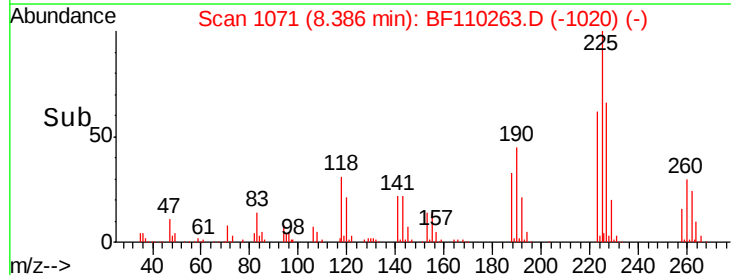


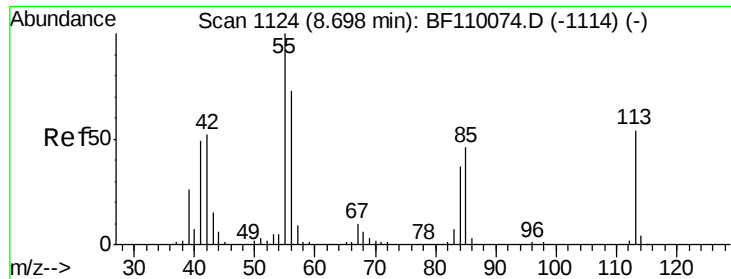
#34
Hexachlorobutadiene
Concen: 36.008 ng
RT: 8.39 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion:	225	Resp:	134810
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.4	77.2
227	65.6	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

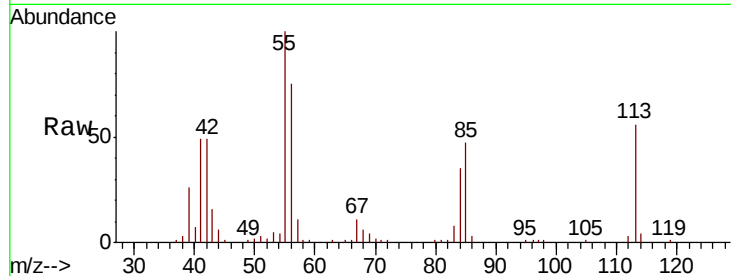




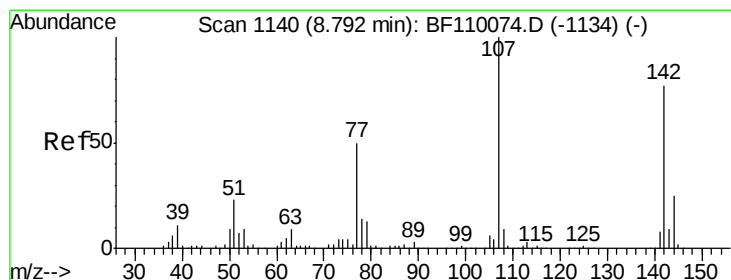
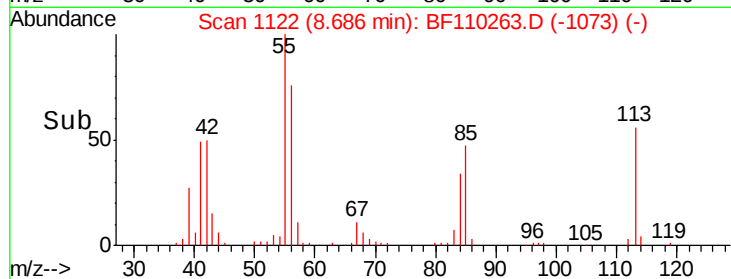
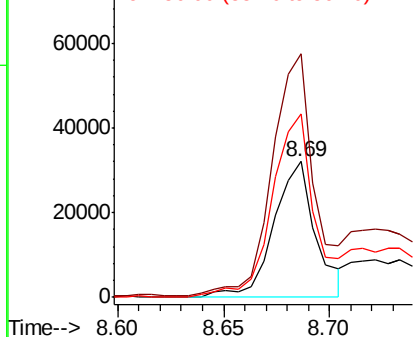
#35
 Caprolactam
 Concen: 21.003 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 44067
 Ion Ratio Lower Upper
 113 100
 55 179.6 142.8 182.8
 56 135.4 105.0 145.0

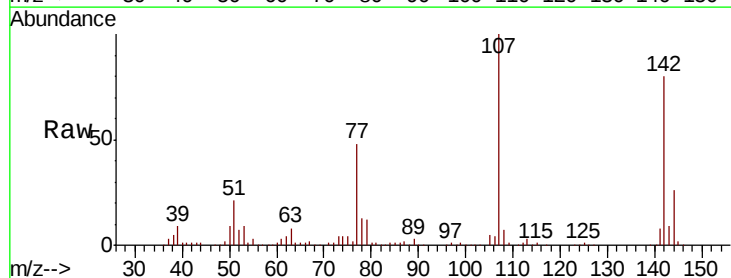


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

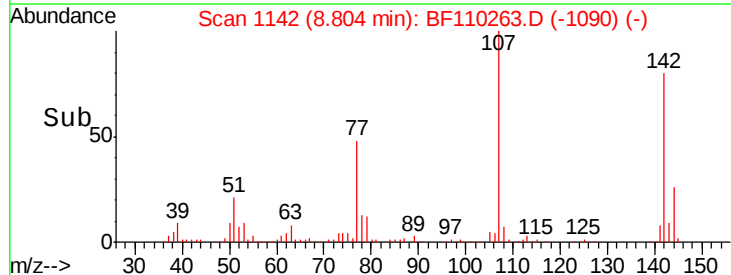
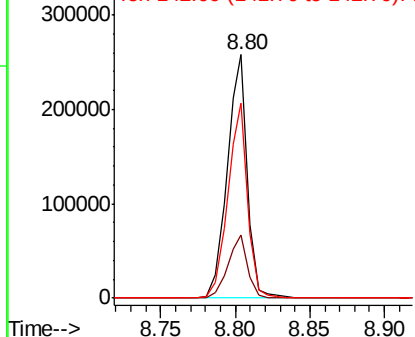


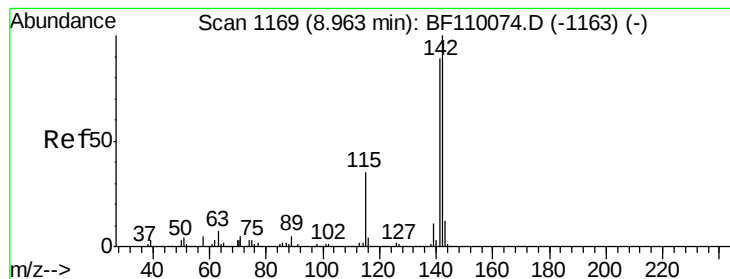
#36
 4-Chloro-3-methylphenol
 Concen: 37.680 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Tgt Ion:107 Resp: 245278
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.0 30.0
 142 80.3 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: 41.516 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

ClientSampleId :

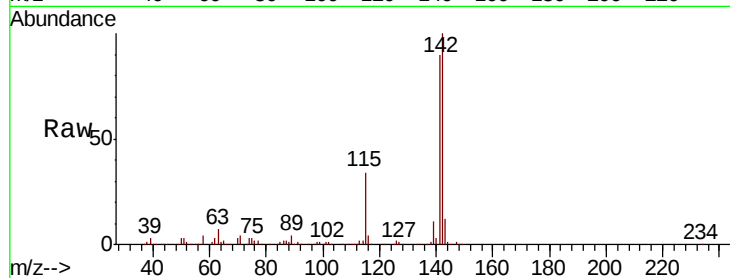
Tot Ion:142 Resp: 549281

Ion Ratio Lower Upper

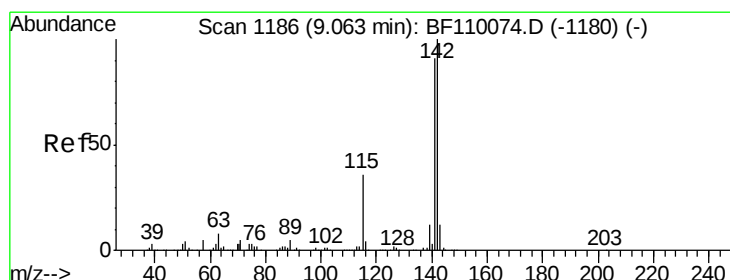
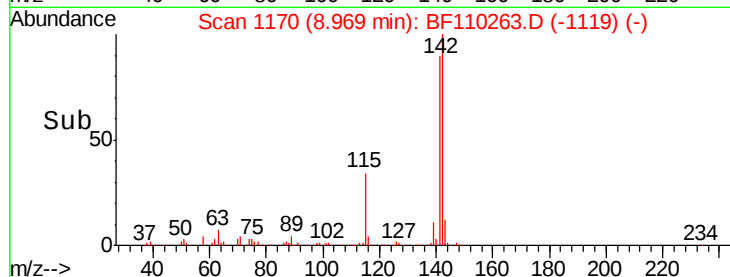
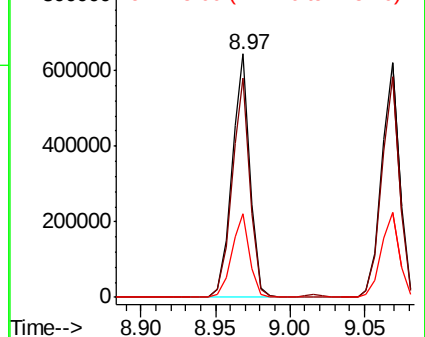
142 100

141 90.2 71.4 107.2

115 34.4 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: 39.881 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

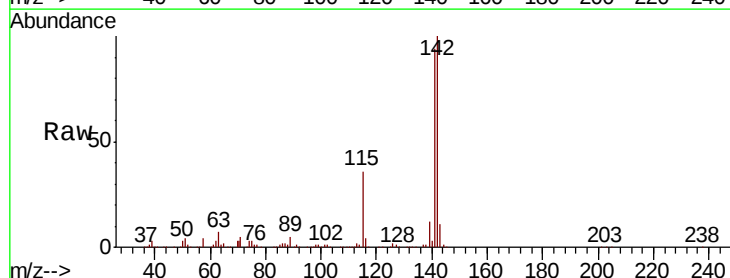
Tgt Ion:142 Resp: 509902

Ion Ratio Lower Upper

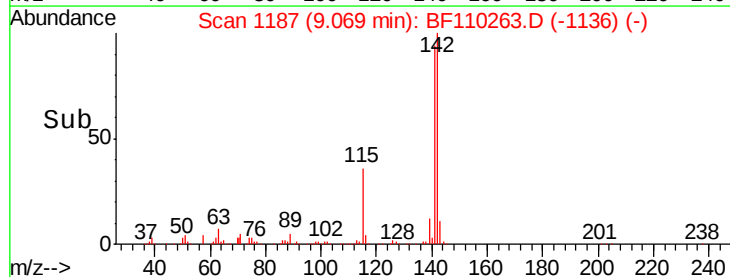
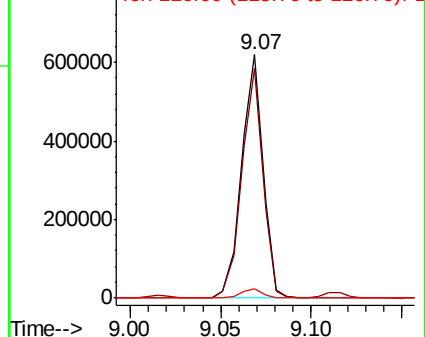
142 100

141 94.2 74.2 111.4

116 3.6 2.6 4.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

ClientSampleId :

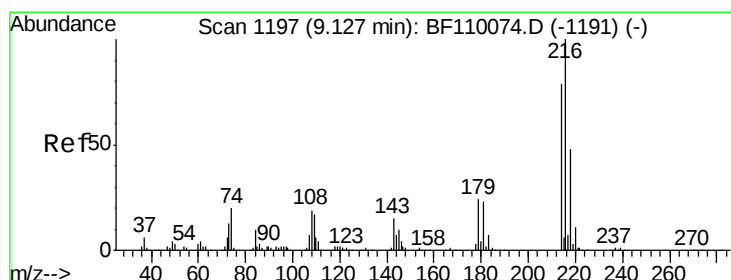
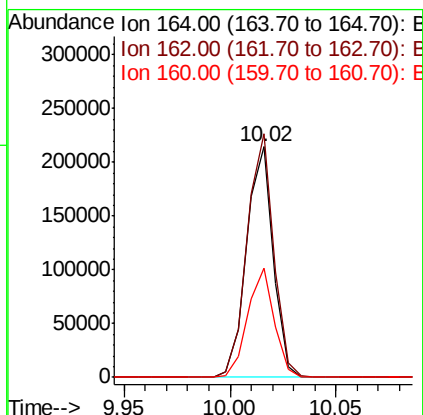
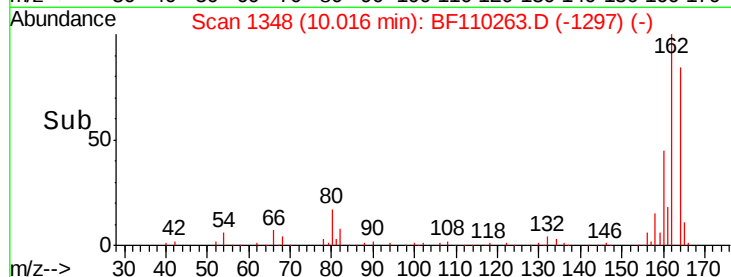
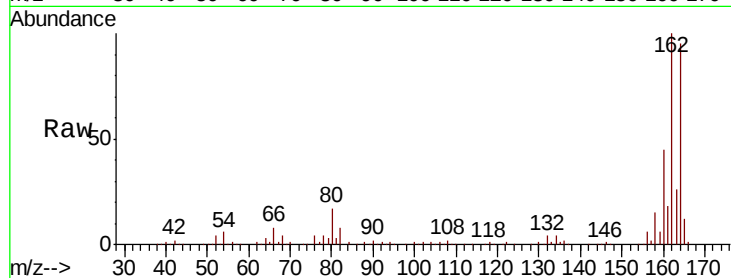
Tot Ion:164 Resp: 186960

Ion Ratio Lower Upper

164 100

162 105.7 83.0 124.6

160 47.3 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.342 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Tgt Ion:216 Resp: 229180

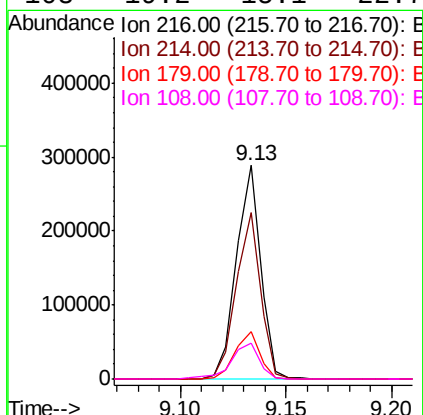
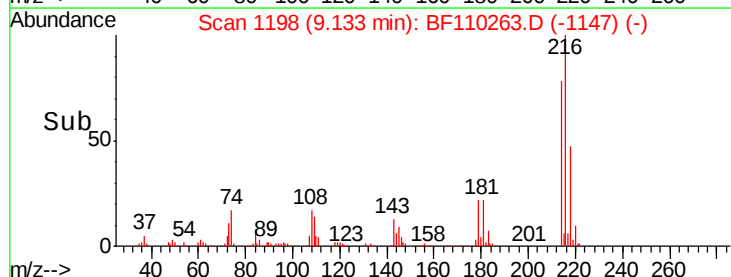
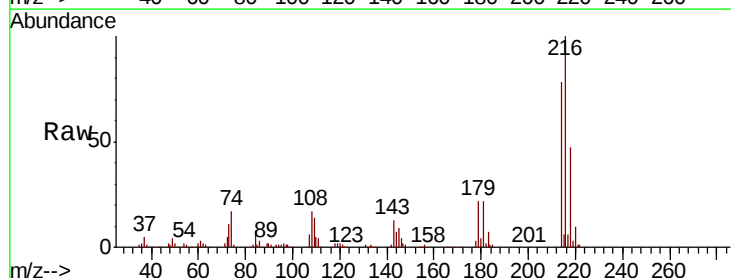
Ion Ratio Lower Upper

216 100

214 78.0 63.8 95.6

179 22.8 16.6 25.0

108 19.2 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 29.409 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF110263.D

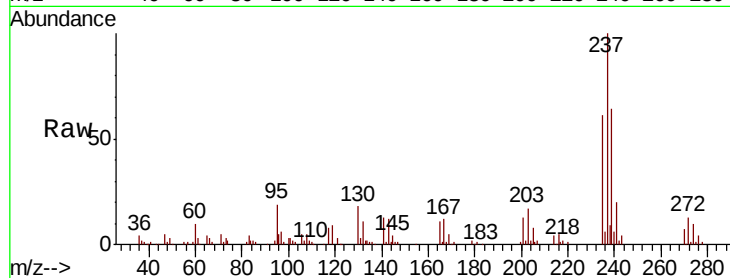
Acq: 29 Oct 2018 15:33

Instrument :

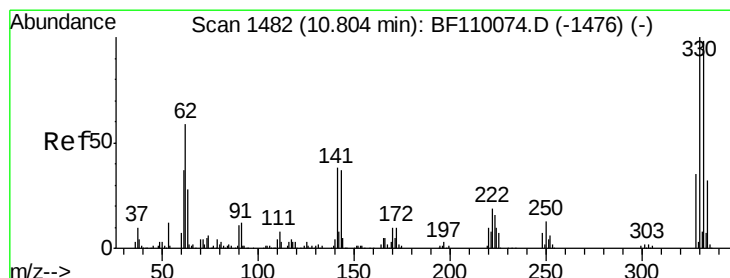
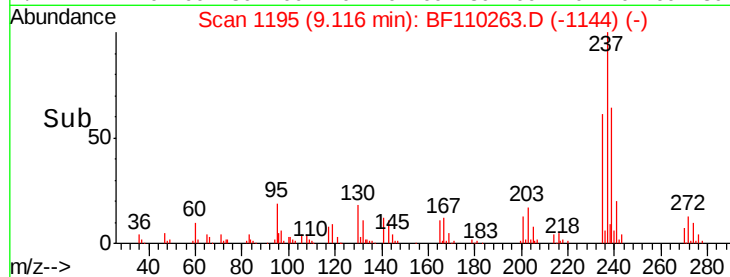
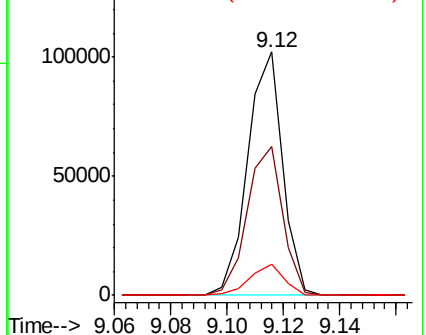
BNA_F

ClientSampleId :

Tot Ion:	237	Resp:	87599
Ion	Ratio	Lower	Upper
237	100		
235	61.4	43.1	83.1
272	12.7	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: 110.036 ng

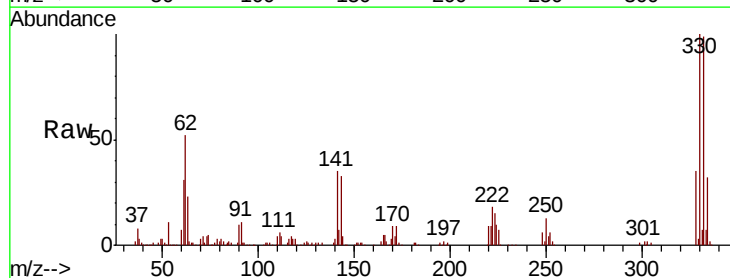
RT: 10.81 min Scan# 1483

Delta R.T. 0.00 min

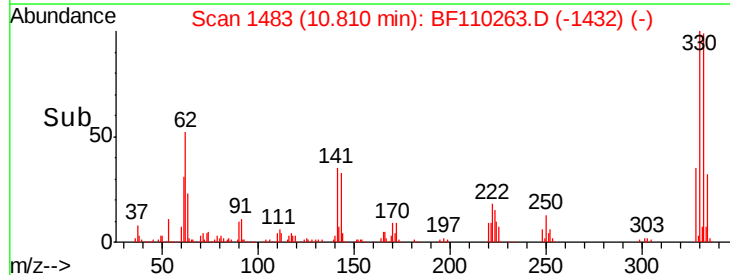
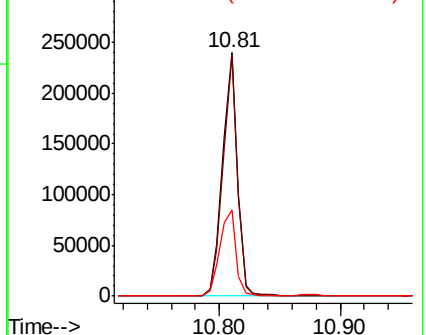
Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Tgt Ion:	330	Resp:	203783
Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	38.0	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

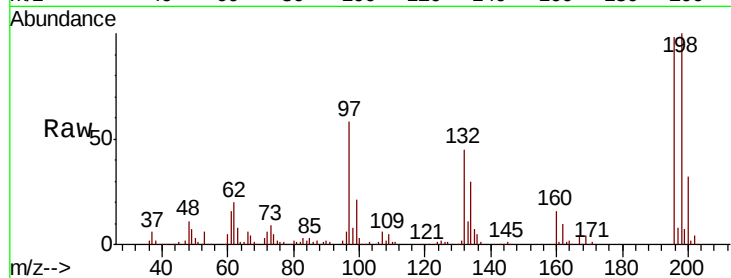




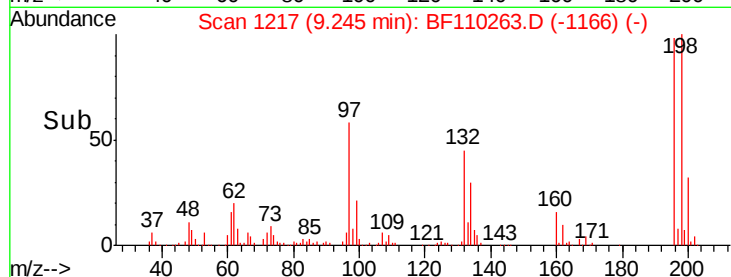
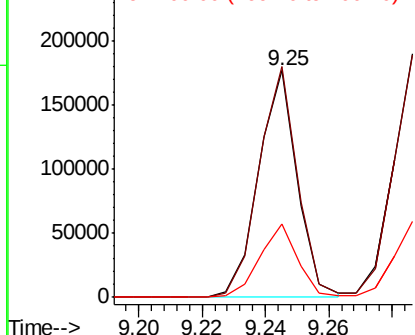
#43
 2,4,6-Trichlorophenol
 Concen: 39.771 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 149429
 Ion Ratio Lower Upper
 196 100
 198 101.7 76.2 114.4
 200 32.3 24.4 36.6



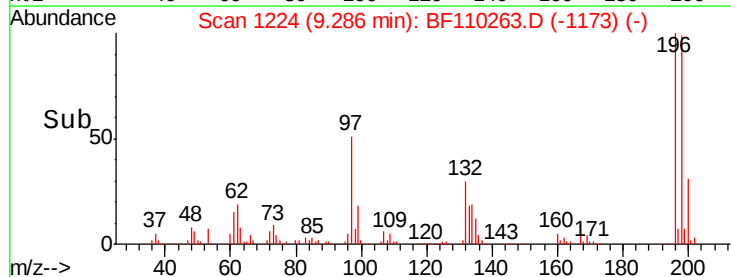
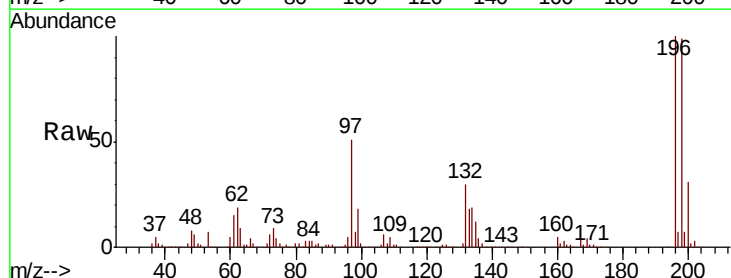
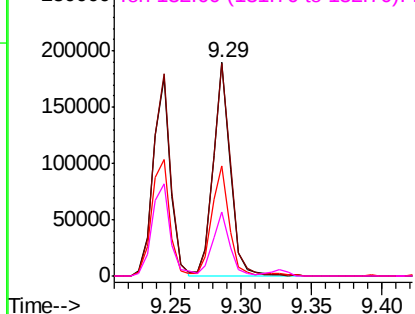
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

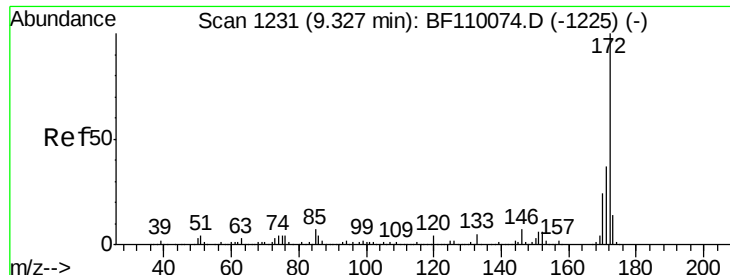


#44
 2,4,5-Trichlorophenol
 Concen: 40.443 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Tgt Ion:196 Resp: 160622
 Ion Ratio Lower Upper
 196 100
 198 99.5 75.8 113.6
 97 51.3 42.4 63.6
 132 29.9 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

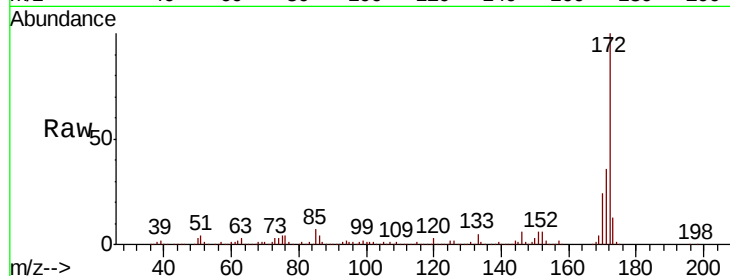




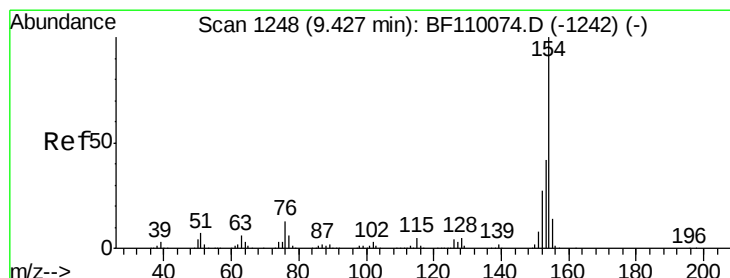
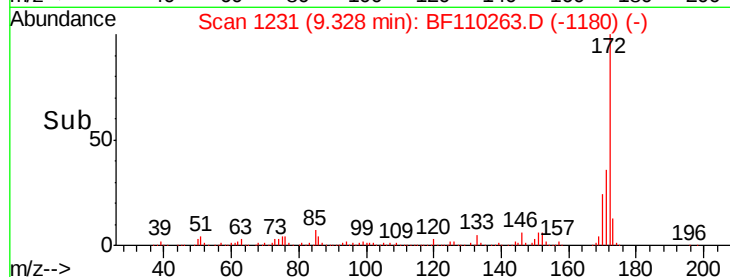
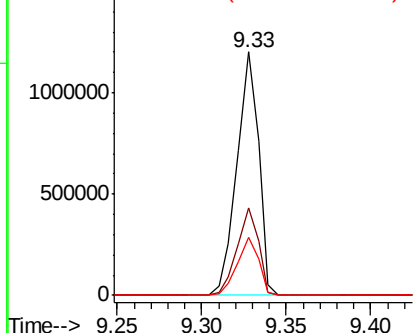
#45
2-Fluorobiphenyl
Concen: 90.276 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1074856
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.9 19.7 29.5

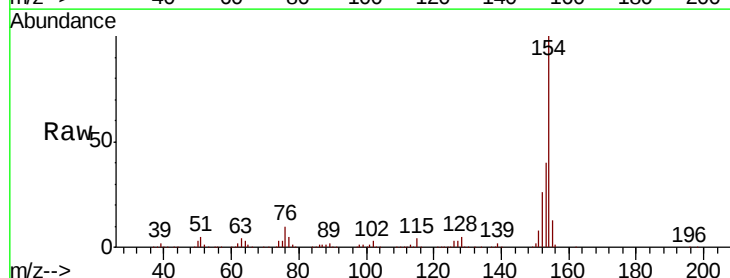


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

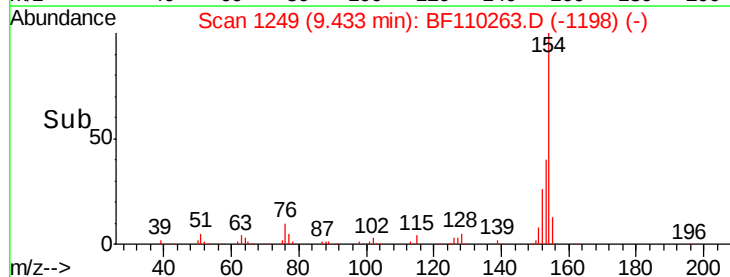
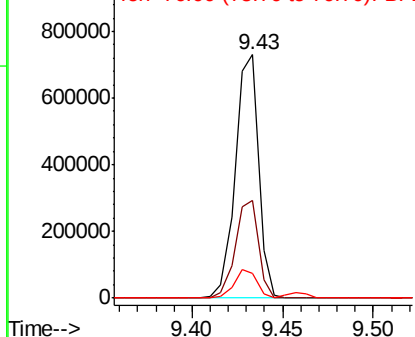


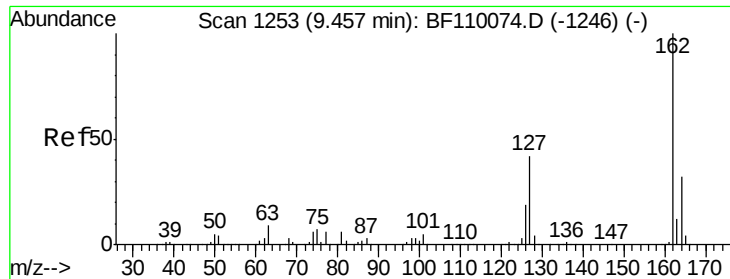
#46
1,1'-Biphenyl
Concen: 38.674 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion:154 Resp: 653848
Ion Ratio Lower Upper
154 100
153 39.9 20.4 60.4
76 10.2 0.0 31.9



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

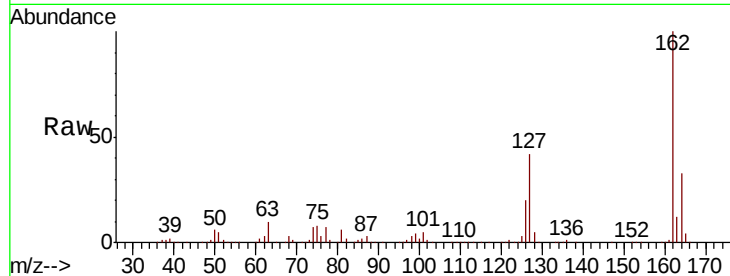




#47
 2-Chloronaphthalene
 Concen: 38.829 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.0	32.6	48.8
164	32.6	25.9	38.9

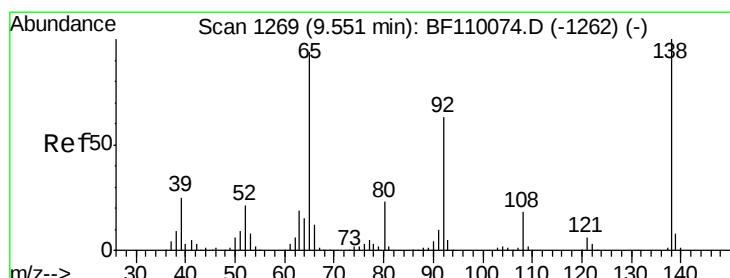
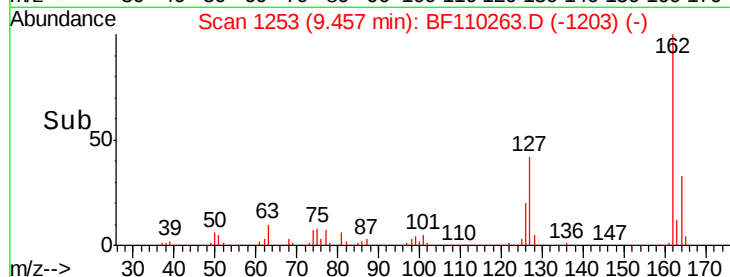
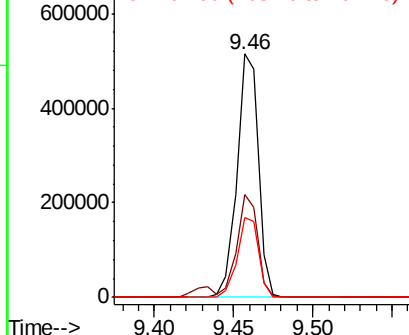


Abundance

Ion 162.00 (161.70 to 162.70): E

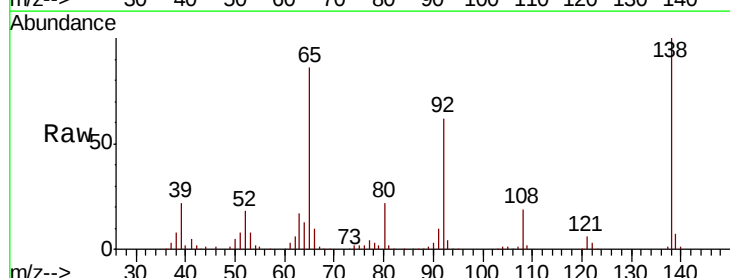
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 38.853 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.8	54.6	81.8
138	115.7	80.3	120.5

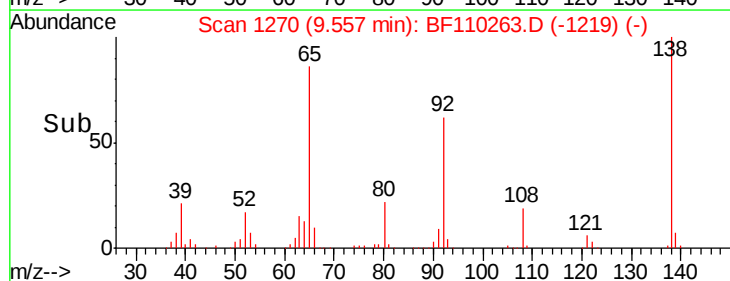
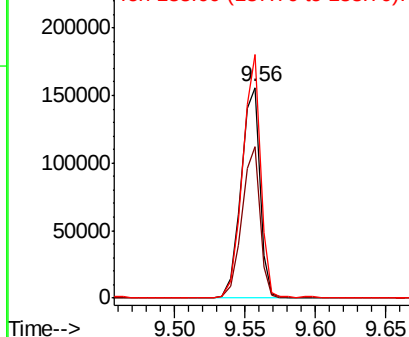


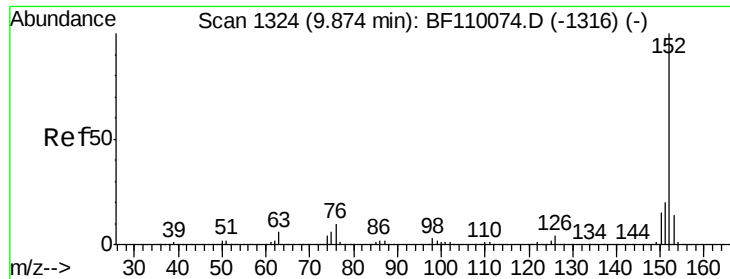
Abundance

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: 40.713 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

ClientSampleId :

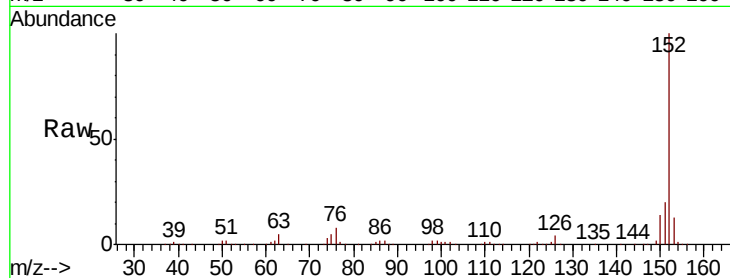
Tot Ion:152 Resp: 729261

Ion Ratio Lower Upper

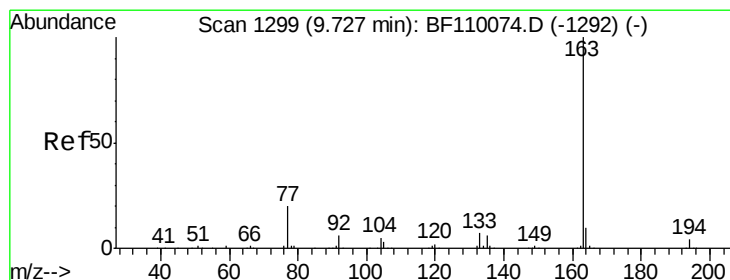
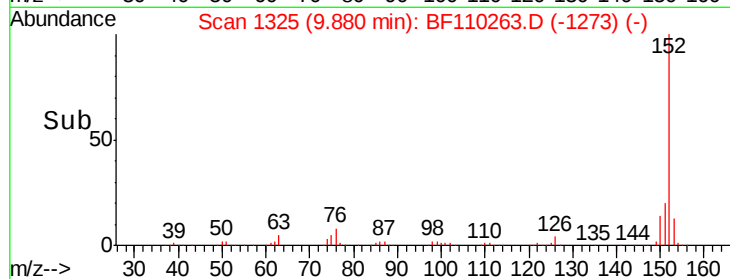
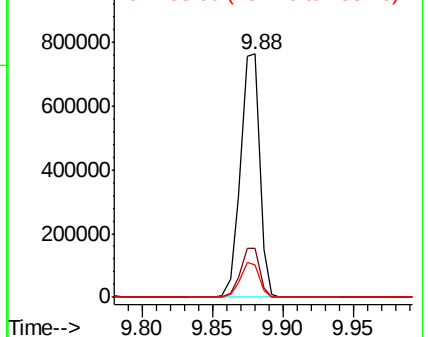
152 100

151 19.9 15.8 23.8

153 13.4 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: 54.250 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

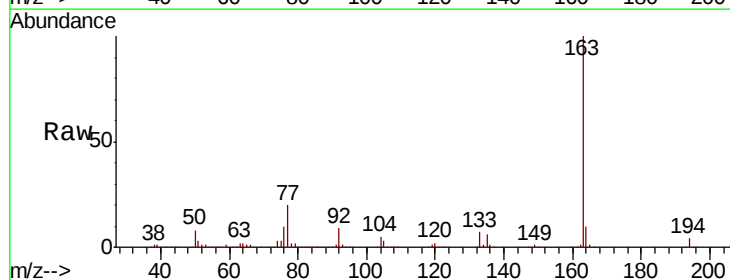
Tgt Ion:163 Resp: 748703

Ion Ratio Lower Upper

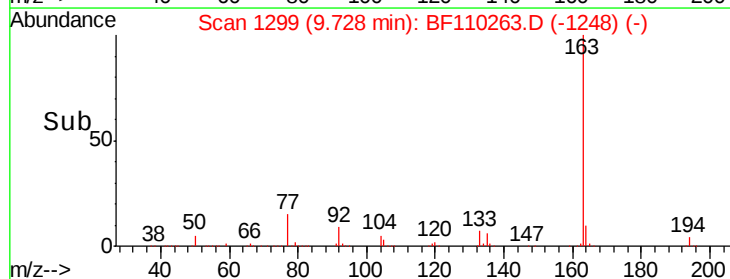
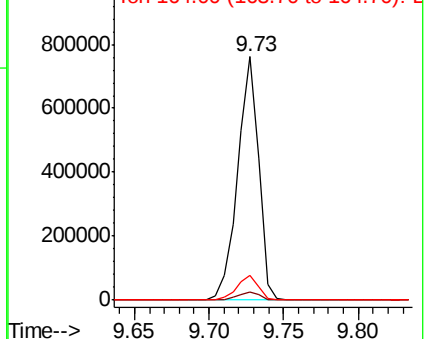
163 100

194 3.6 3.2 4.8

164 10.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

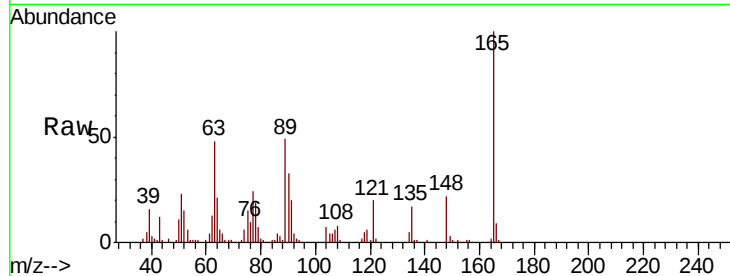




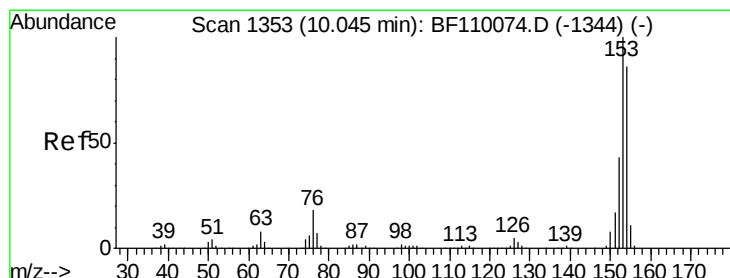
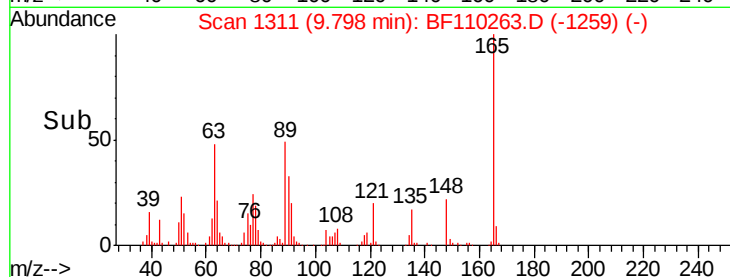
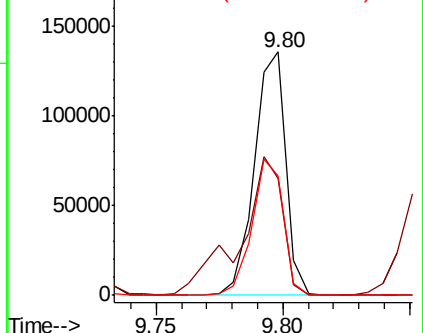
#51
2,6-Dinitrotoluene
Concen: 39.204 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.0	48.9	73.3#
89	49.2	46.6	69.8

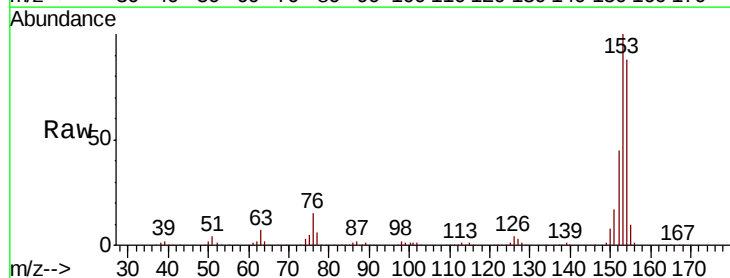


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

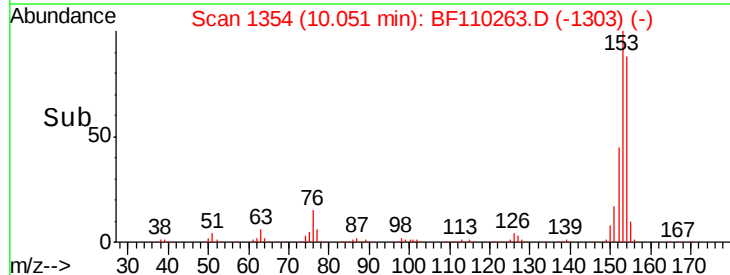
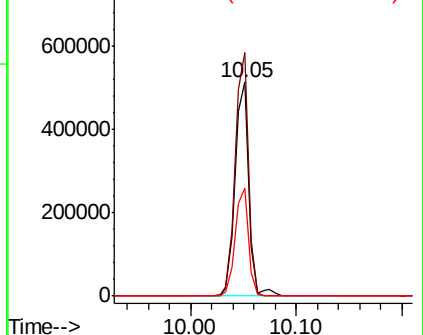


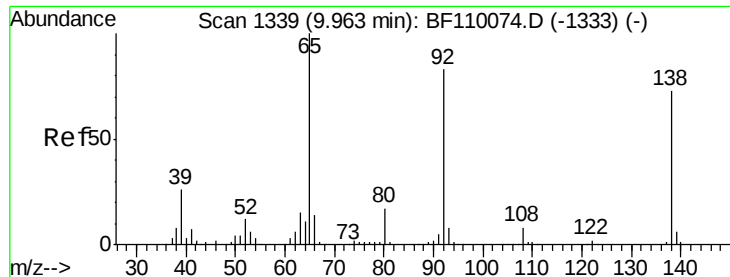
#52
Acenaphthene
Concen: 38.444 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.1	135.1
152	50.7	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

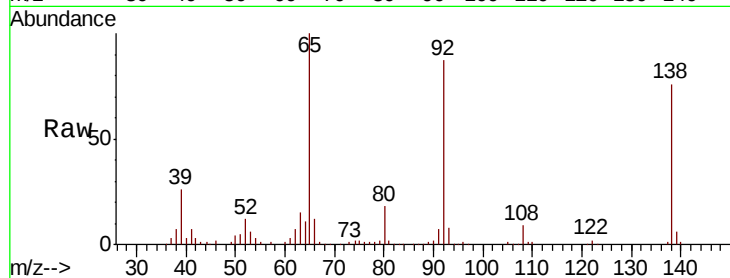




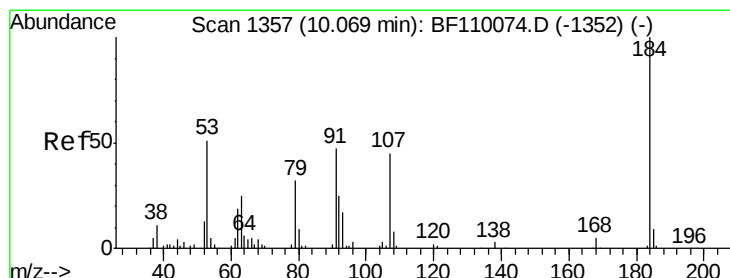
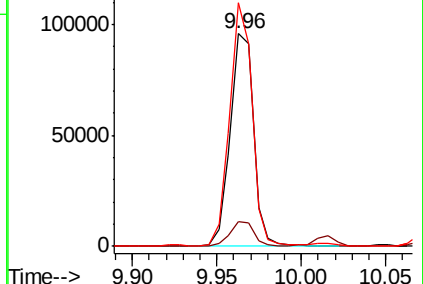
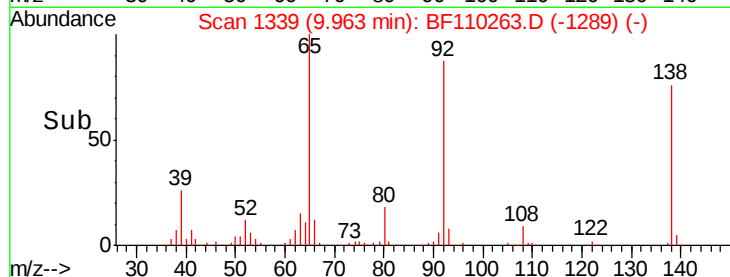
#53
3-Nitroaniline
Concen: 26.064 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 92143
Ion Ratio Lower Upper
138 100
108 11.3 8.7 13.1
92 114.5 97.0 145.4

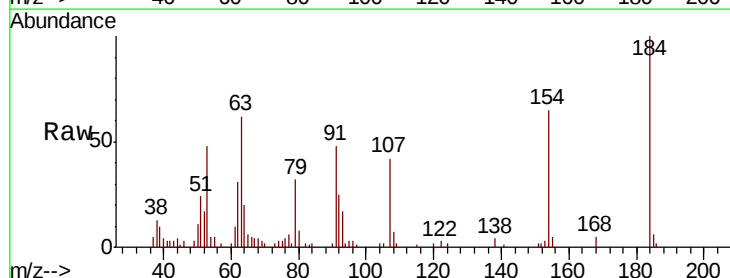


Abundance Ion 138.00 (137.70 to 138.70): E
150000
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

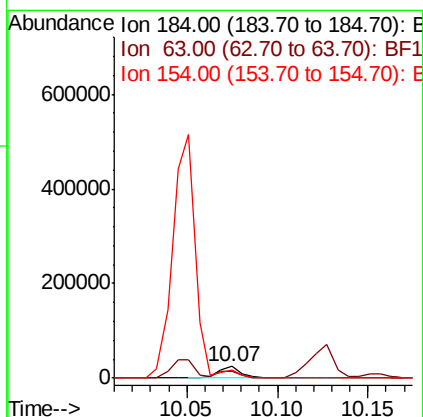
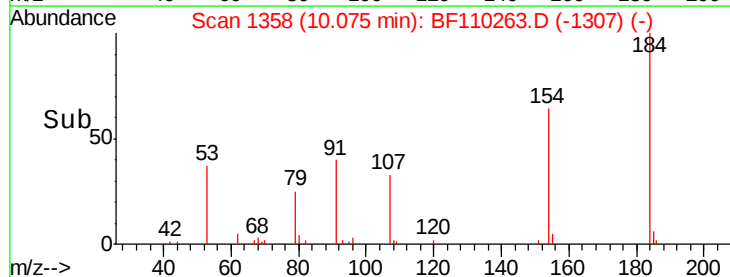


#54
2,4-Dinitrophenol
Concen: 22.582 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion:184 Resp: 21958
Ion Ratio Lower Upper
184 100
63 62.2 55.8 83.6
154 64.9 63.2 94.8



Abundance Ion 184.00 (183.70 to 184.70): E
600000
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

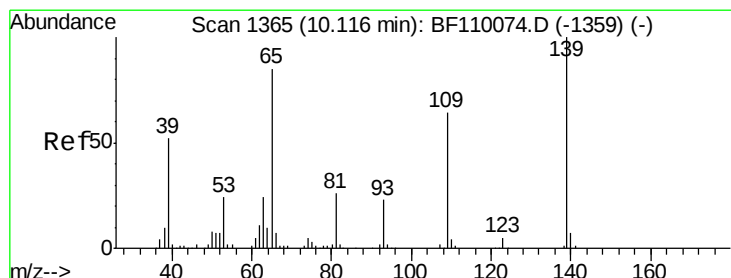
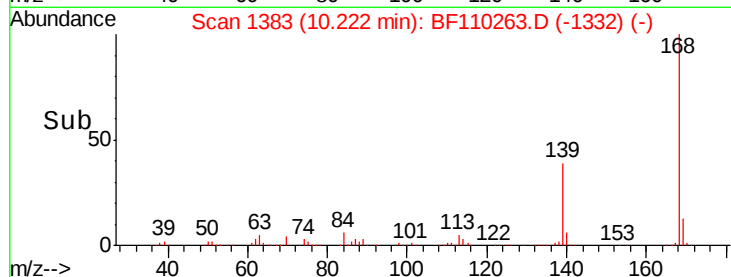
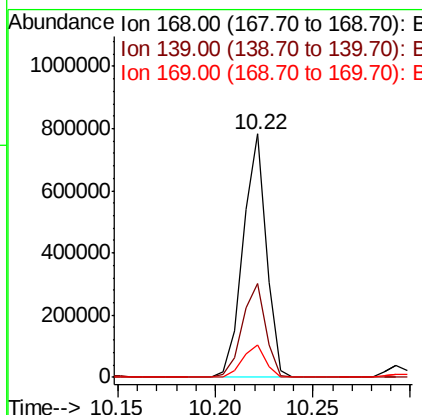
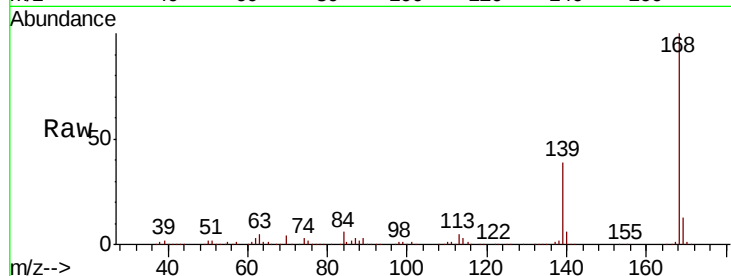




#55
Dibenzenofuran
Concen: 38.721 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

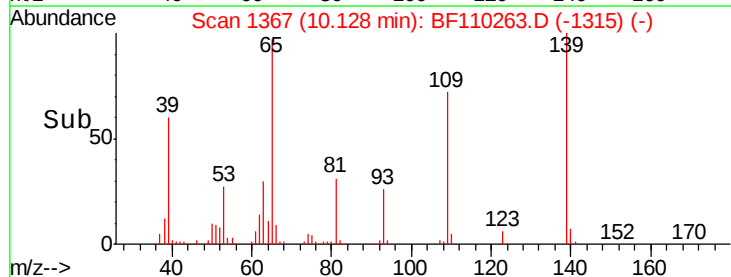
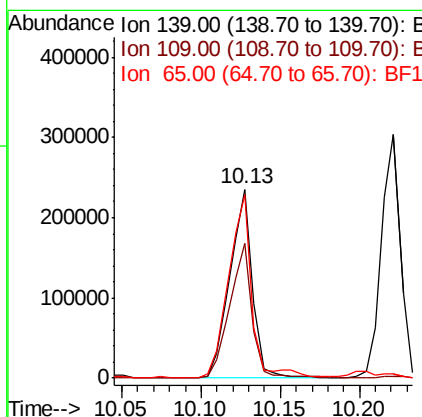
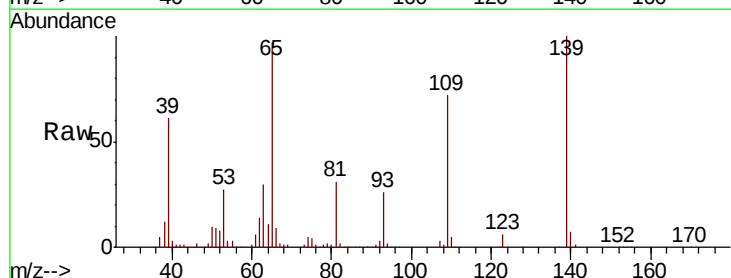
Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 642412
Ion Ratio Lower Upper
168 100
139 38.8 33.0 49.6
169 13.2 11.3 16.9



#56
4-Nitrophenol
Concen: 89.578 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion:139 Resp: 234377
Ion Ratio Lower Upper
139 100
109 71.5 55.8 95.8
65 97.1 77.9 117.9

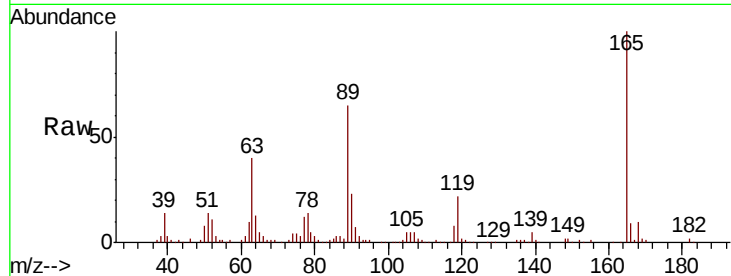




#57
2,4-Dinitrotoluene
Concen: 38.616 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.9	44.8	67.2#
89	65.1	62.2	93.4
182	2.4	2.1	3.1



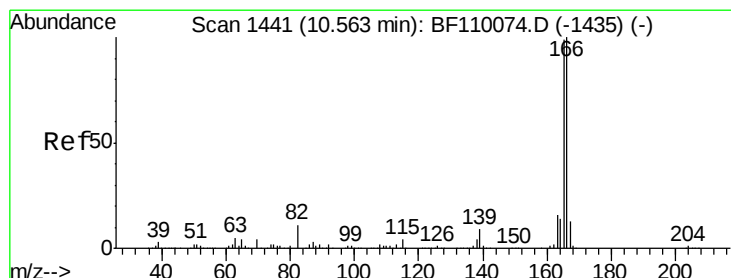
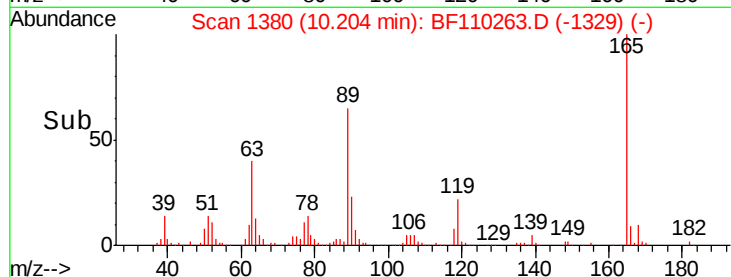
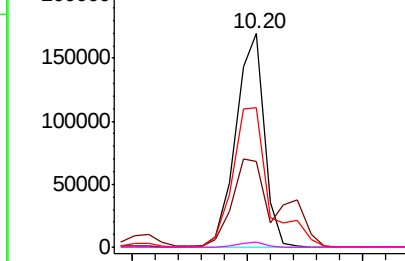
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

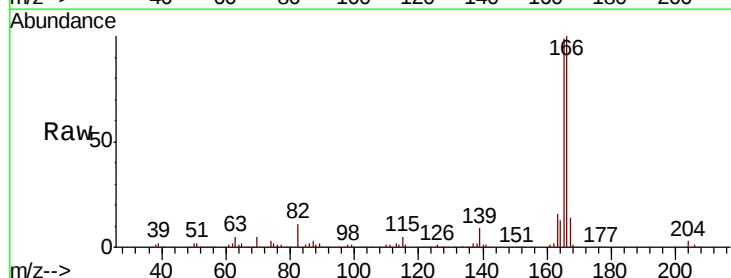
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.897 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.6	117.8
167	13.6	10.8	16.2

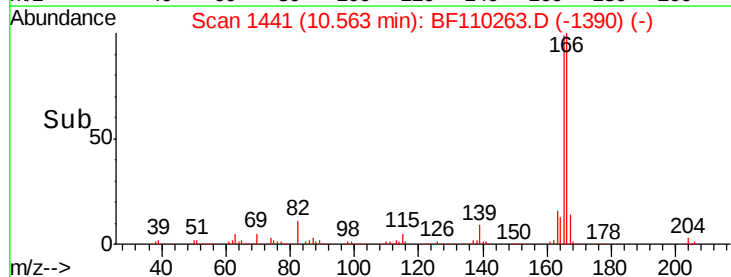
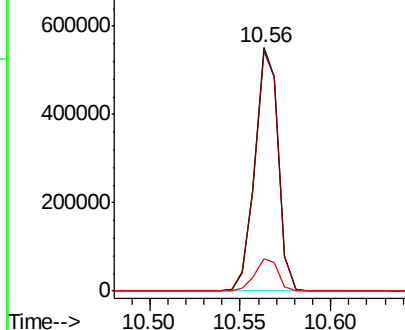


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

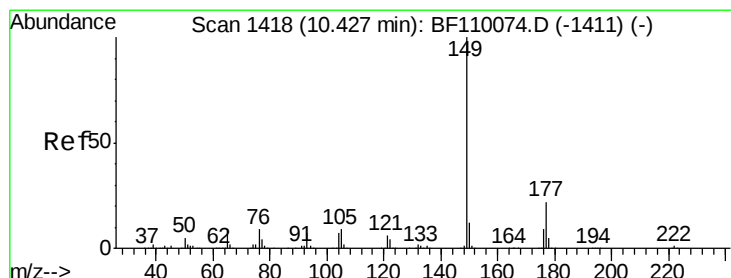
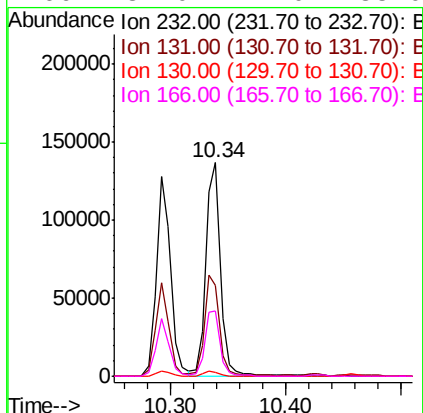
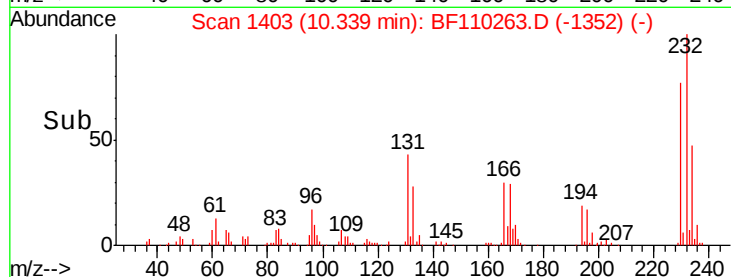
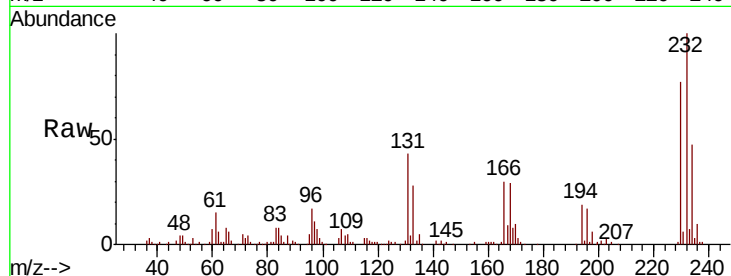




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.795 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

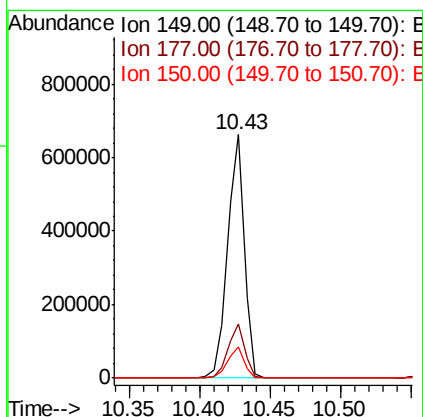
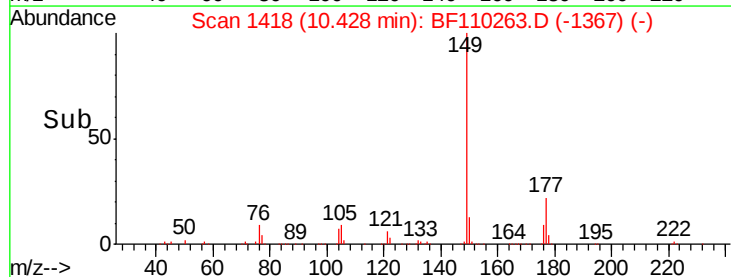
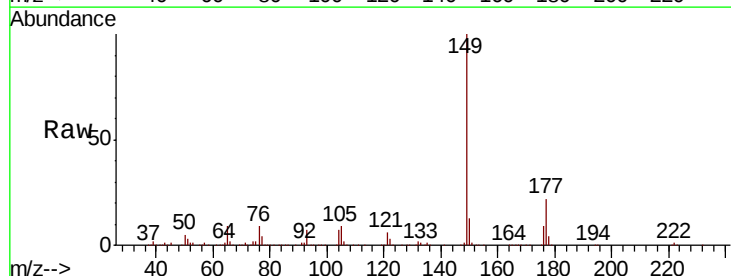
Instrument :
BNA_F
ClientSampleId :

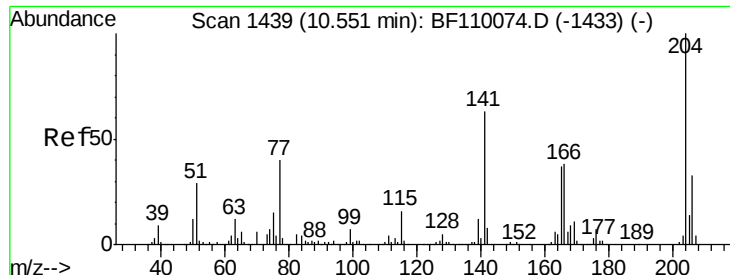
Tot Ion	Ratio	Lower	Upper
232	100		
131	47.0	37.0	55.4
130	2.4	1.8	2.6
166	32.0	22.0	33.0



#60
Diethylphthalate
Concen: 40.637 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.4	26.2
150	12.7	9.8	14.8

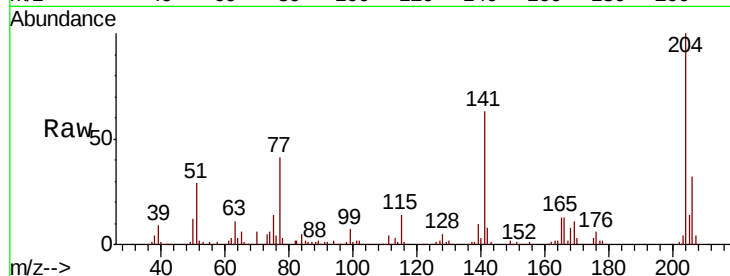




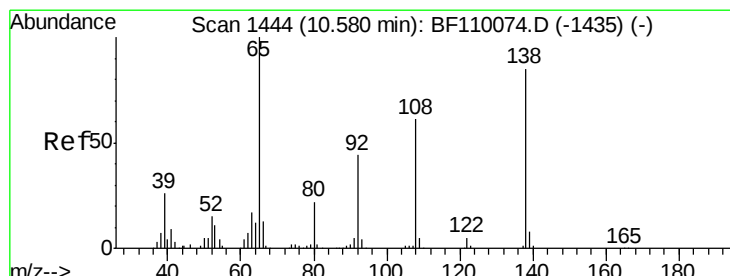
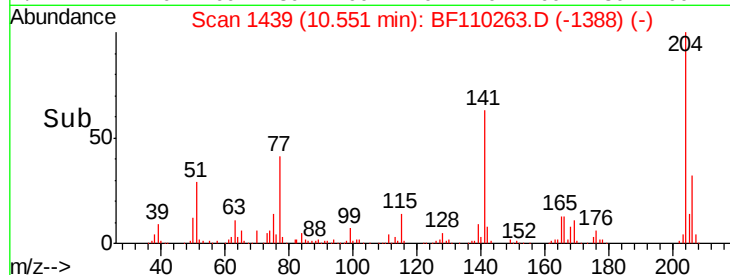
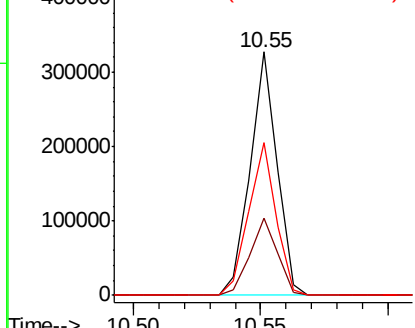
#61
 4-Chlorophenyl-phenylether
 Concen: 37.299 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 242956
 Ion Ratio Lower Upper
 204 100
 206 31.7 26.5 39.7
 141 63.0 51.8 77.8

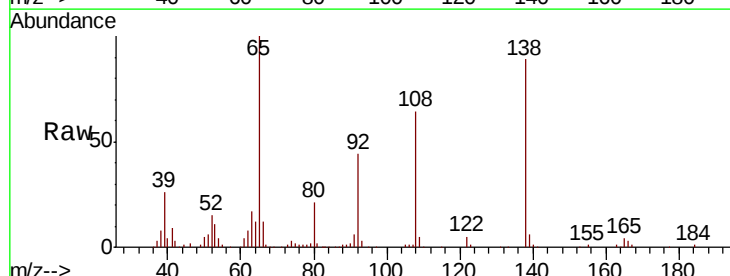


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

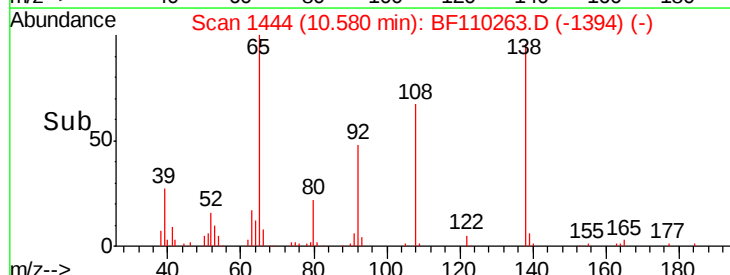
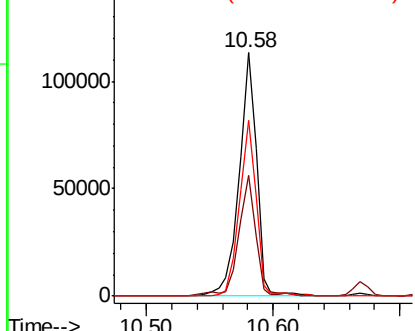


#62
 4-Nitroaniline
 Concen: 30.568 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Tgt Ion:138 Resp: 107480
 Ion Ratio Lower Upper
 138 100
 92 49.8 31.7 71.7
 108 72.1 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

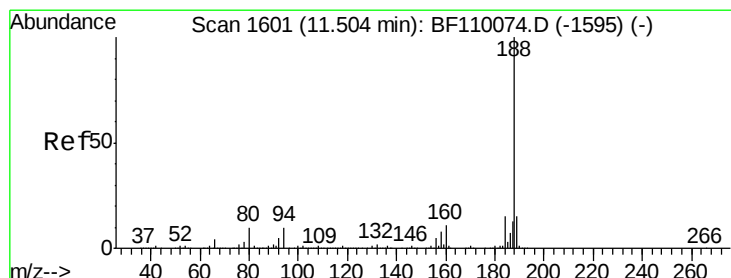
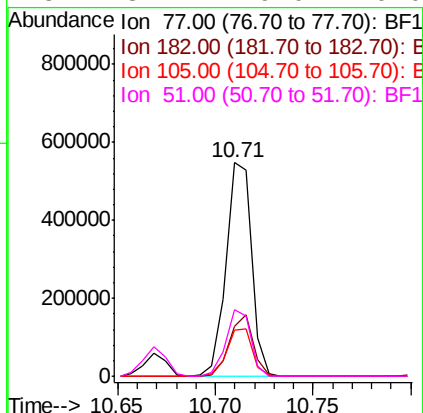
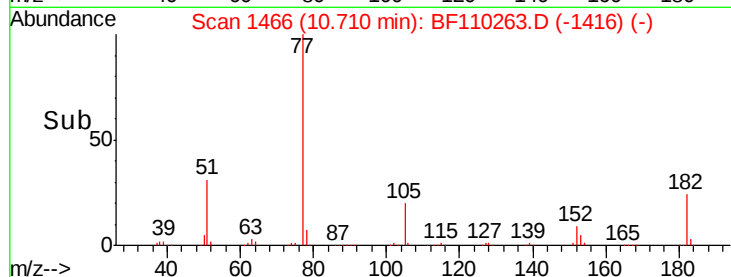
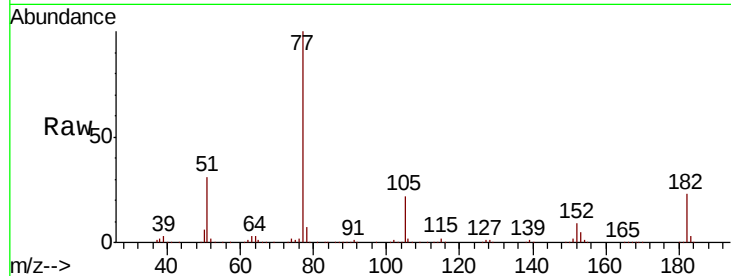




#63
Azobenzene
Concen: 37.205 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

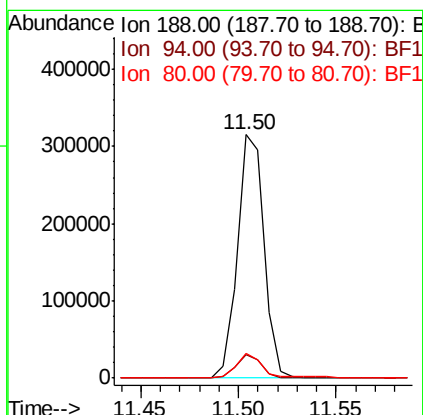
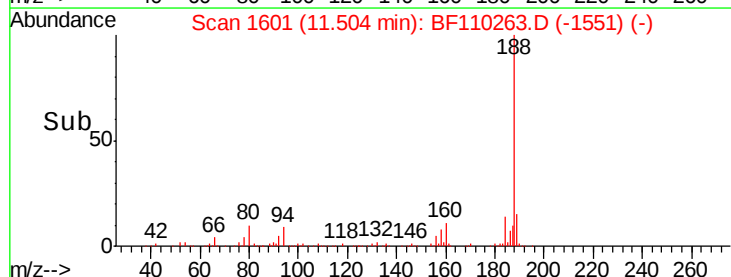
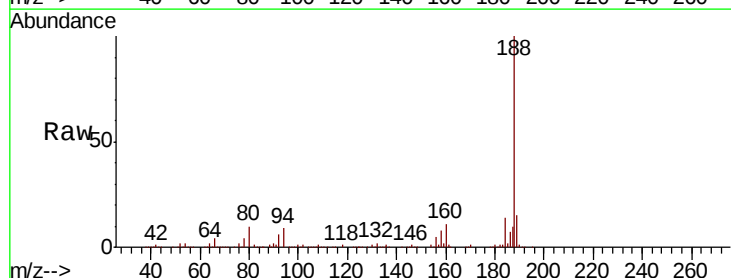
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	497523
Ion	Ratio	Lower	Upper
77	100		
182	23.4	4.3	44.3
105	21.8	1.3	41.3
51	31.2	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion:	188	Resp:	296529
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.4	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 16.192 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

ClientSampleId :

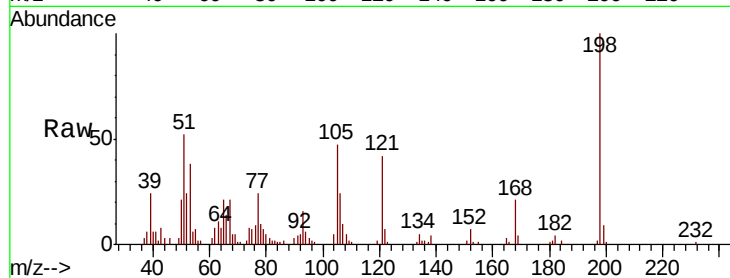
Tot Ion:198 Resp: 21936

Ion	Ratio	Lower	Upper
198	100		
51	52.4	22.8	62.8
105	46.7	23.6	63.6

198 100

51 52.4 22.8 62.8

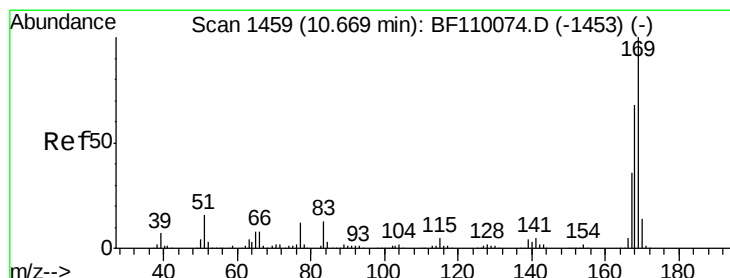
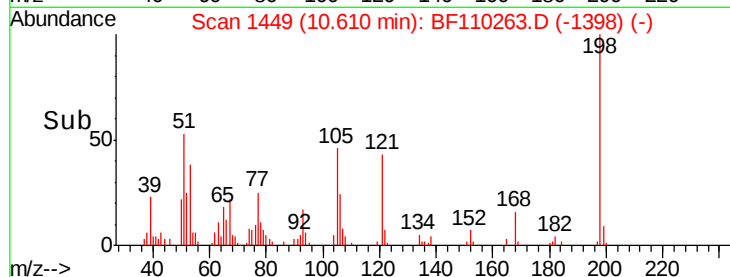
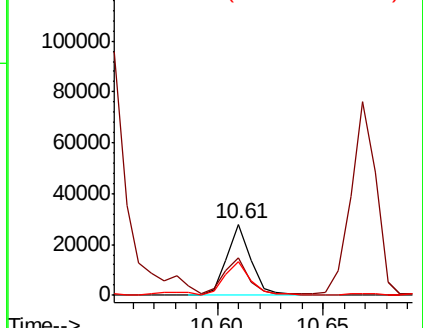
105 46.7 23.6 63.6



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: 44.879 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

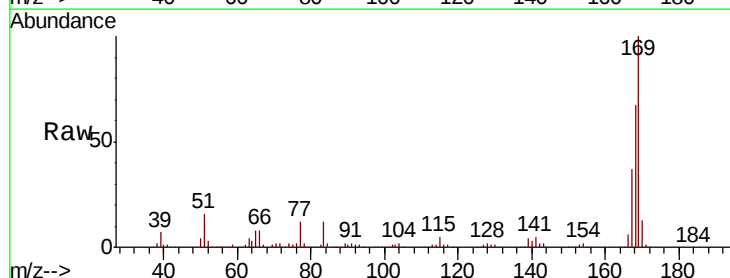
Tgt Ion:169 Resp: 436502

Ion	Ratio	Lower	Upper
169	100		
168	66.6	51.2	76.8
167	37.0	27.8	41.6

169 100

168 66.6 51.2 76.8

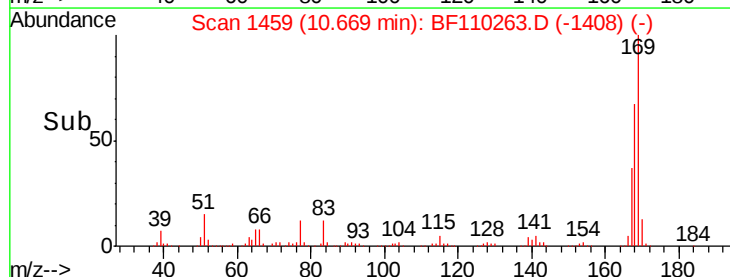
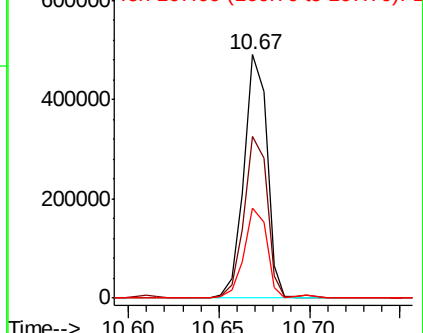
167 37.0 27.8 41.6



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

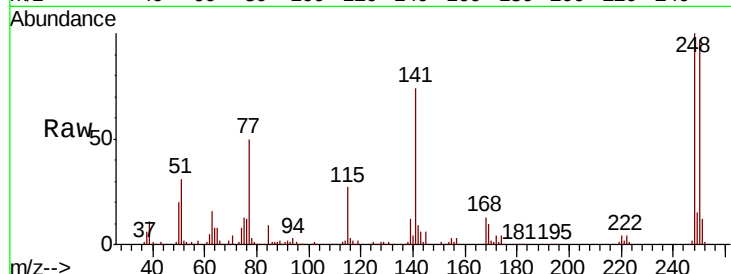




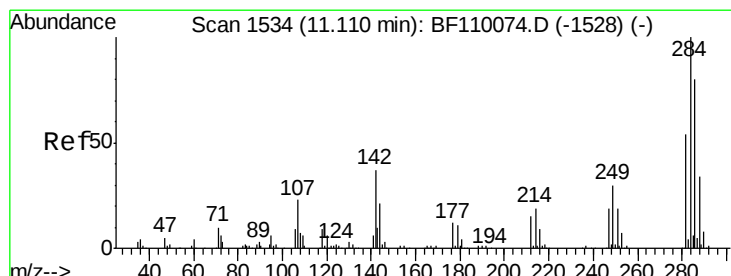
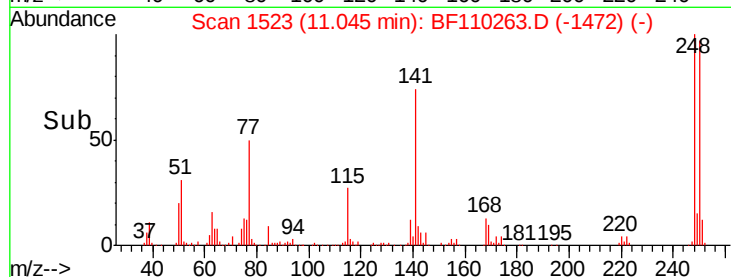
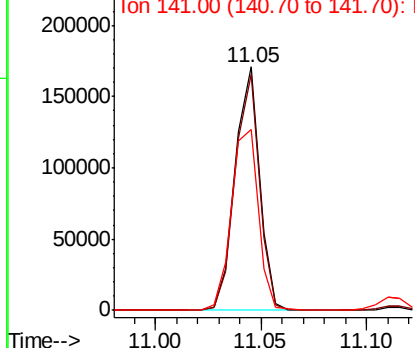
#67
 4-Bromophenyl-phenylether
 Concen: 42.607 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 137045
 Ion Ratio Lower Upper
 248 100
 250 96.7 79.4 119.2
 141 74.1 55.9 83.9

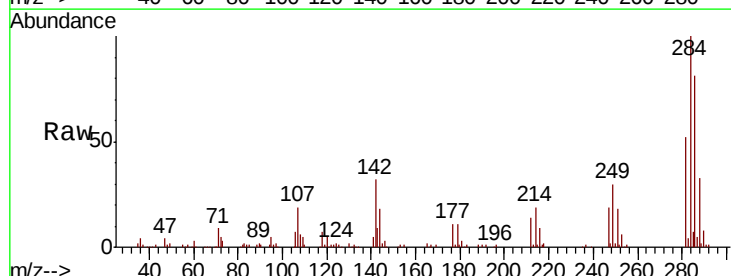


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

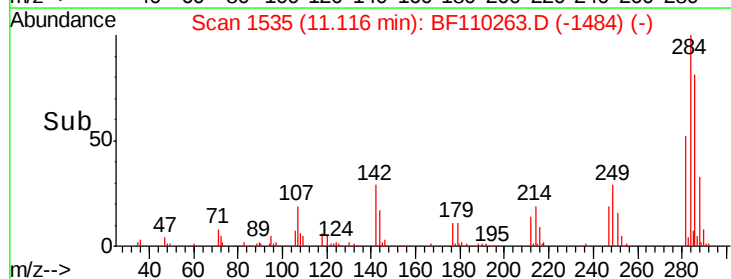
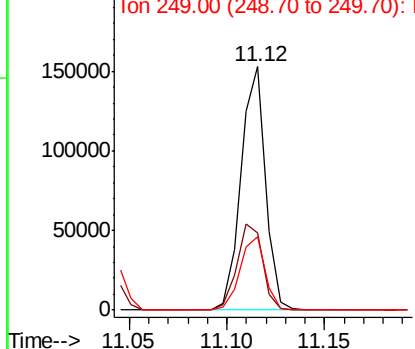


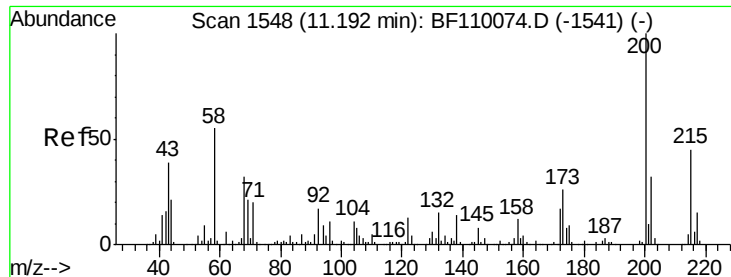
#68
 Hexachlorobenzene
 Concen: 38.935 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Tgt Ion:284 Resp: 132877
 Ion Ratio Lower Upper
 284 100
 142 31.8 23.9 35.9
 249 30.2 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

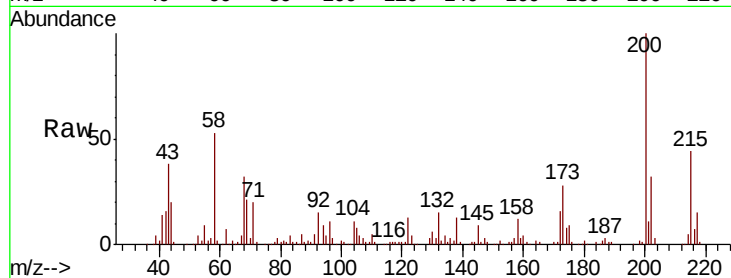




#69
 Atrazine
 Concen: 43.637 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.00 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	6.6	46.6
215	44.1	26.3	66.3

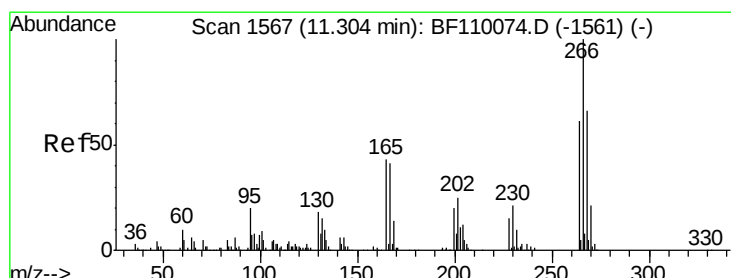
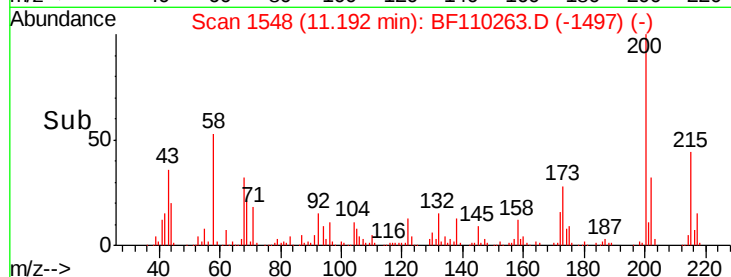
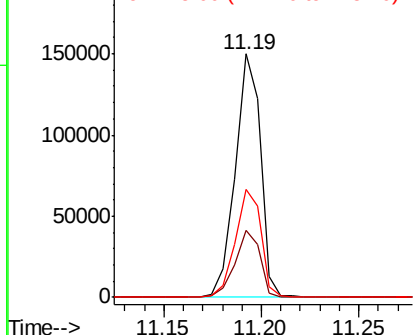


Abundance

Ion 200.00 (199.70 to 200.70): E

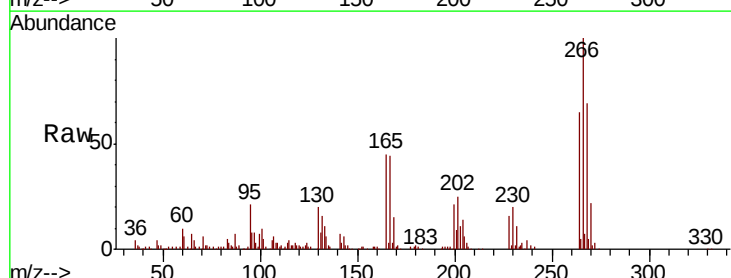
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 57.256 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.7	50.6	75.8
264	65.1	50.6	75.8

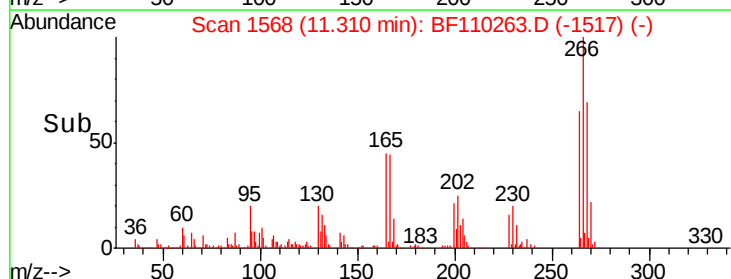
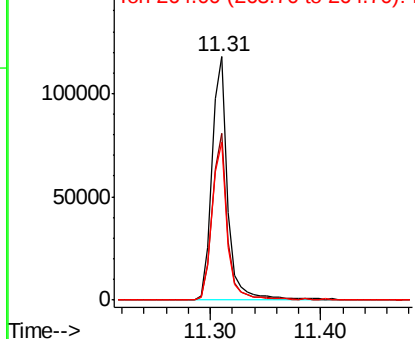


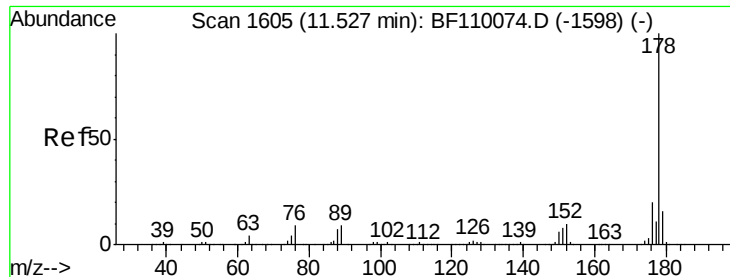
Abundance

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

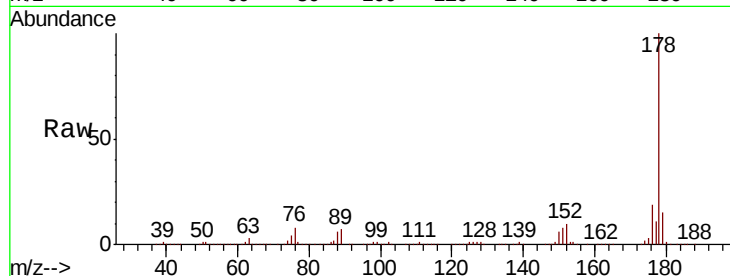




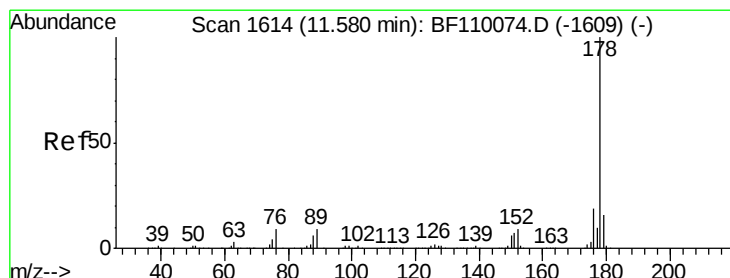
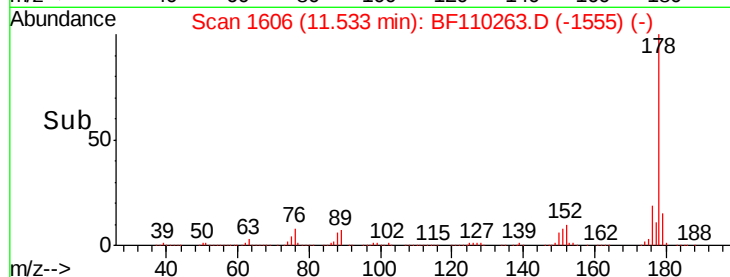
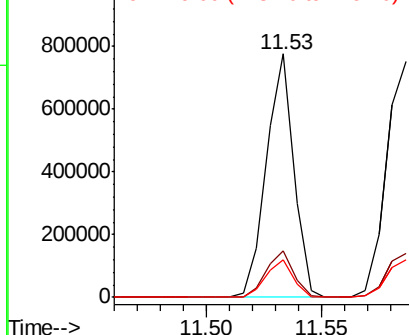
#71
Phenanthrene
Concen: 41.591 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 645311
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.5 12.5 18.7

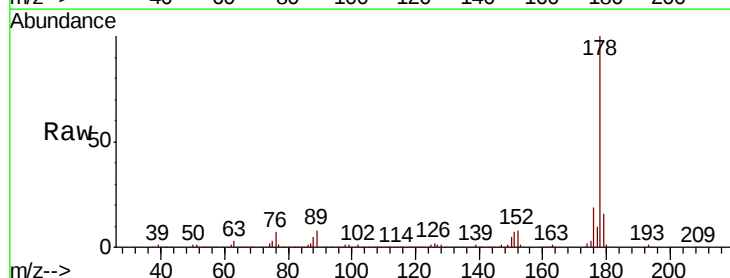


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

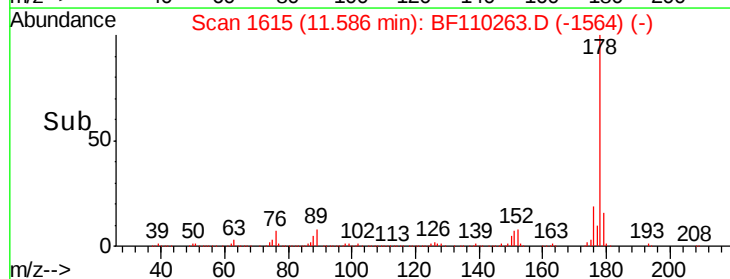
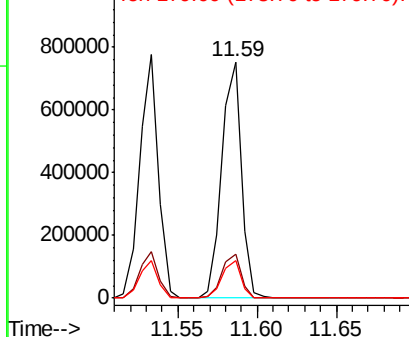


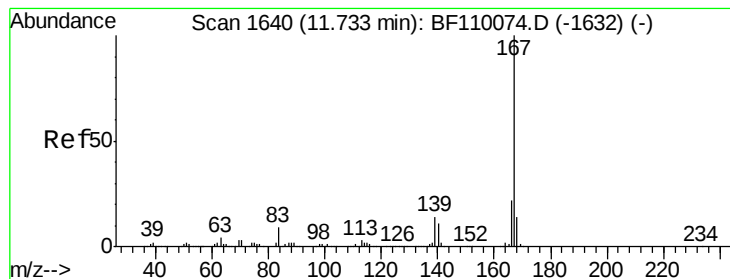
#72
Anthracene
Concen: 41.652 ng
RT: 11.59 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion:178 Resp: 647771
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.9 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: 35.903 ng

RT: 11.74 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

ClientSampleId :

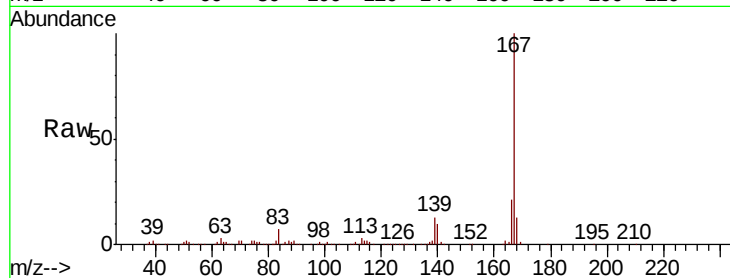
Tot Ion:167 Resp: 545182

Ion Ratio Lower Upper

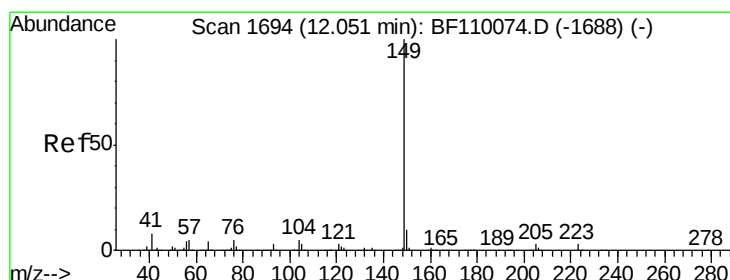
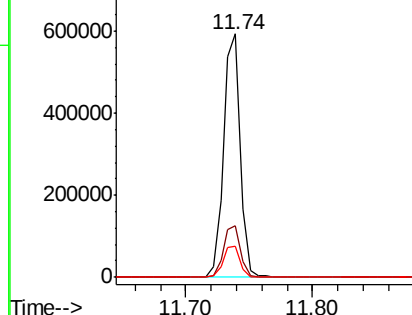
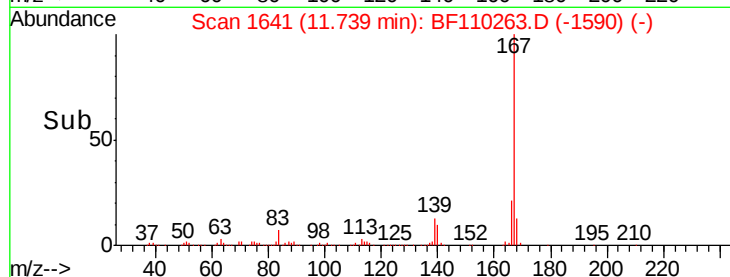
167 100

166 21.4 17.4 26.0

139 12.9 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
800000
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.296 ng

RT: 12.05 min Scan# 1694

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

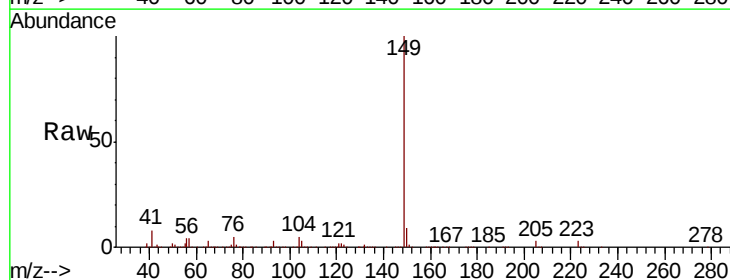
Tgt Ion:149 Resp: 742520

Ion Ratio Lower Upper

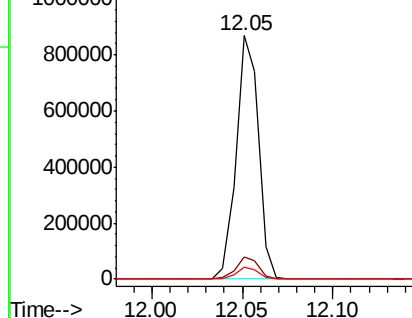
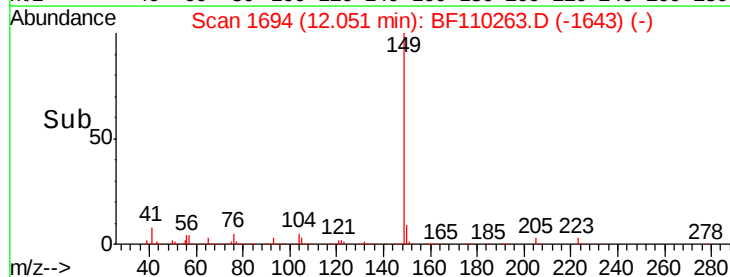
149 100

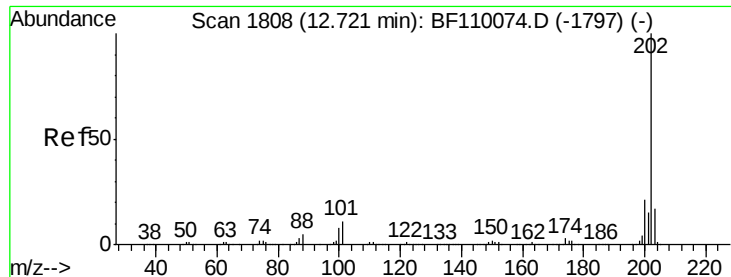
150 9.3 7.7 11.5

104 5.0 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
1200000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.403 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

ClientSampleId :

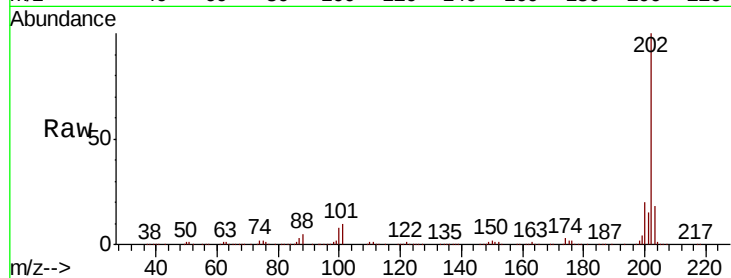
Tot Ion:202 Resp: 588975

Ion Ratio Lower Upper

202 100

101 10.1 0.0 31.4

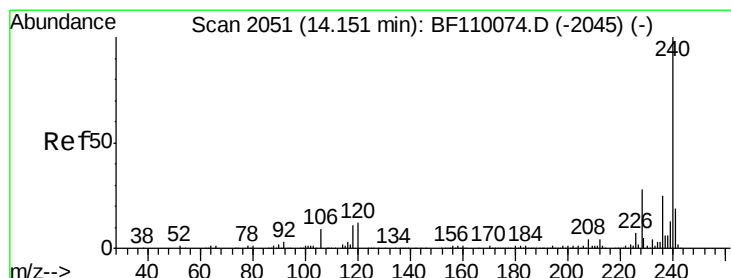
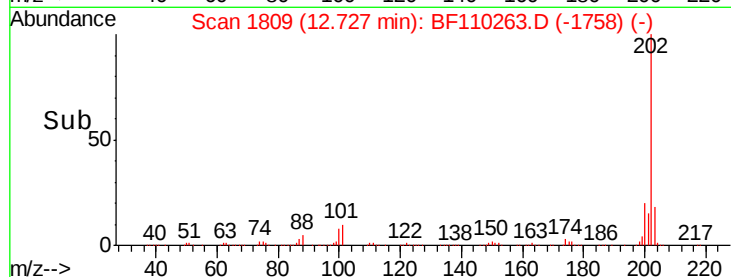
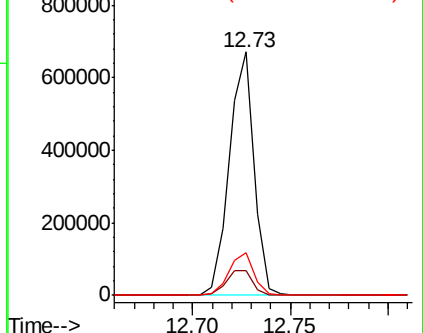
203 17.7 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

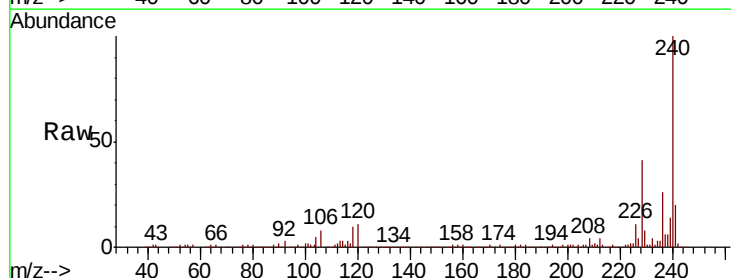
Tgt Ion:240 Resp: 206346

Ion Ratio Lower Upper

240 100

120 11.3 8.3 12.5

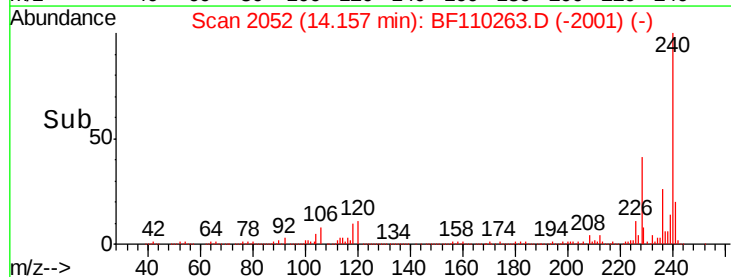
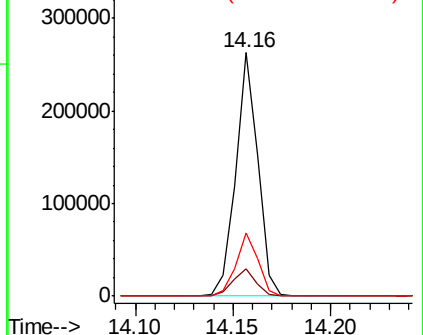
236 25.9 21.2 31.8

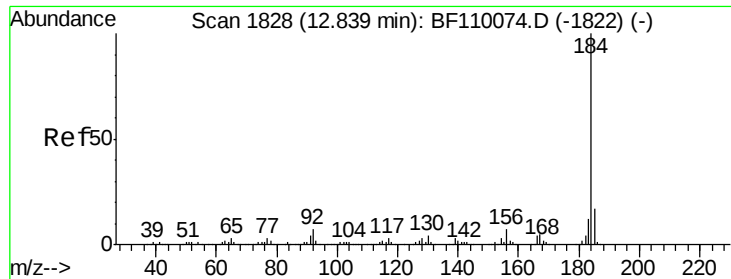


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.920 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

ClientSampleId :

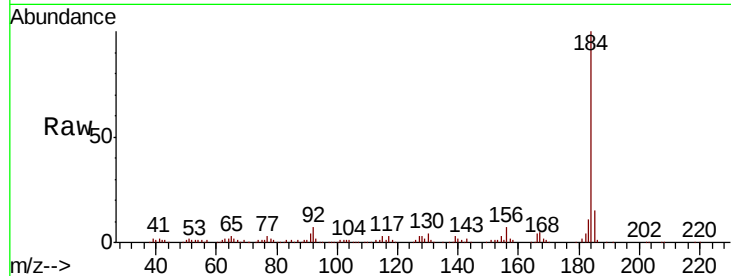
Tot Ion:184 Resp: 142221

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.2

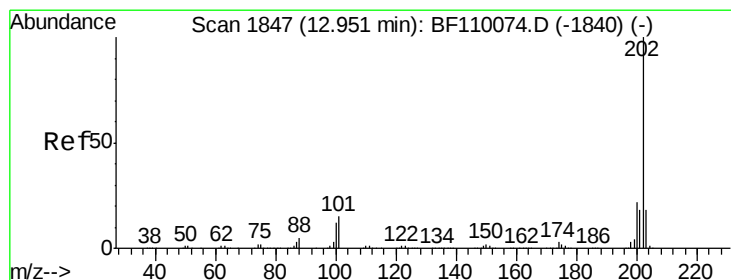
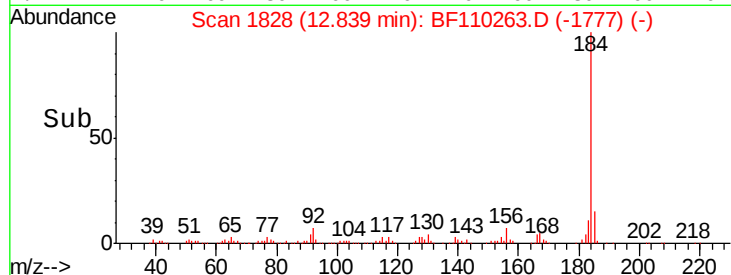
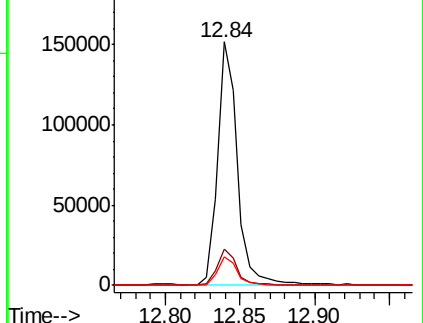
183 11.5 9.4 14.2



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: 39.702 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

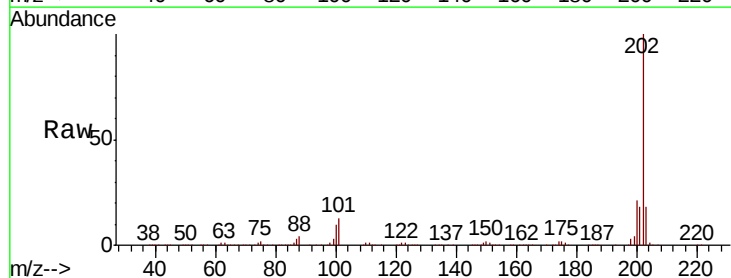
Tgt Ion:202 Resp: 587314

Ion Ratio Lower Upper

202 100

200 21.2 17.8 26.6

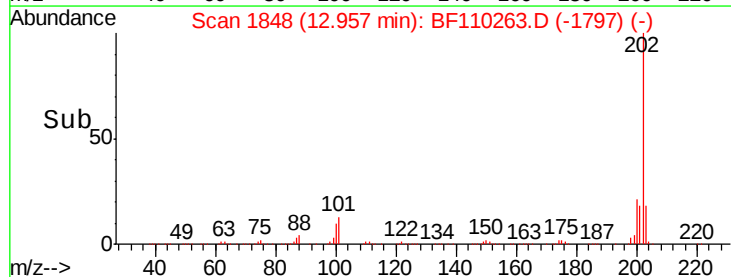
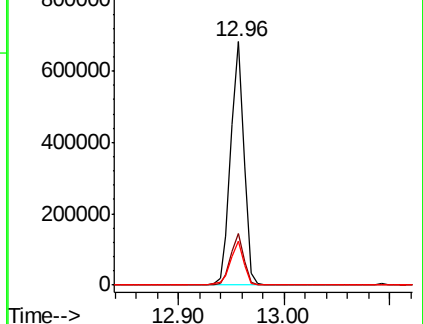
203 17.8 14.2 21.4

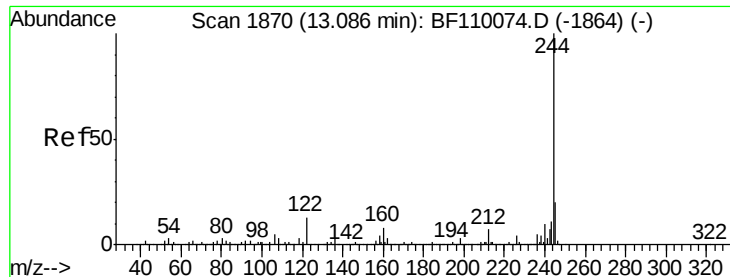


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

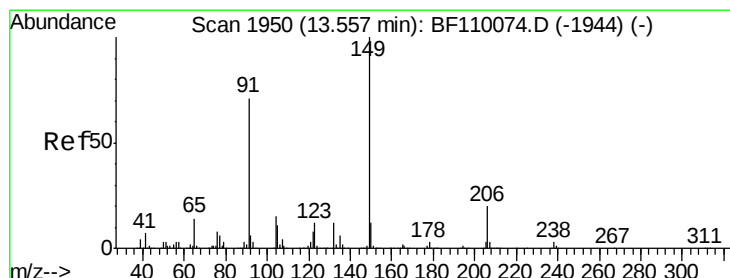
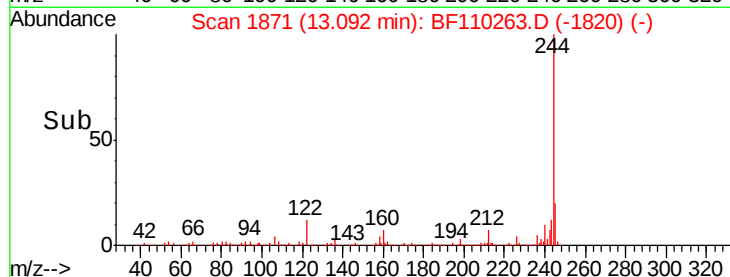
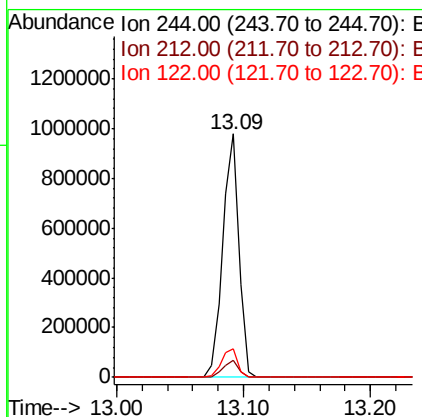
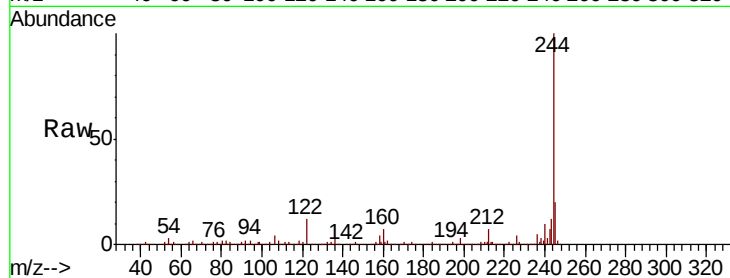




#79
 Terphenyl-d14
 Concen: 87.583 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

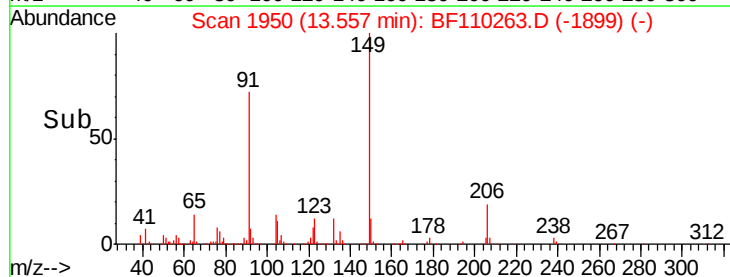
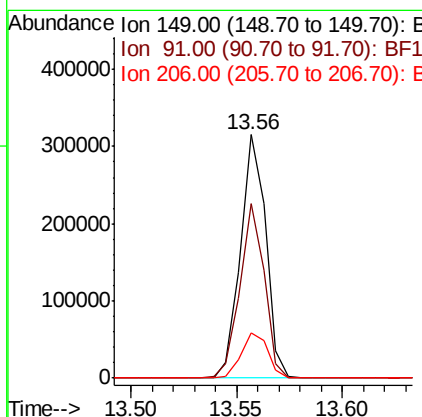
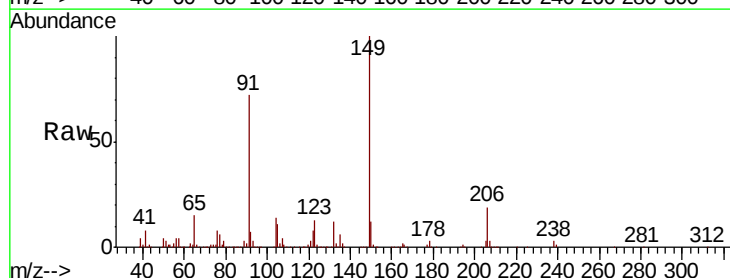
Instrument :
 BNA_F
 ClientSampleId :

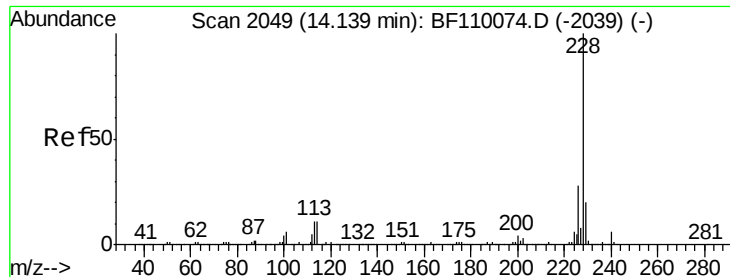
Tot Ion:244 Resp: 868987
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 11.6 8.7 13.1



#80
 Butylbenzylphthalate
 Concen: 40.468 ng
 RT: 13.56 min Scan# 1950
 Delta R.T. 0.00 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Tgt Ion:149 Resp: 259838
 Ion Ratio Lower Upper
 149 100
 91 71.7 57.2 85.8
 206 18.8 15.7 23.5





#81

Benzo(a)anthracene

Concen: 42.574 ng

RT: 14.14 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

ClientSampleId :

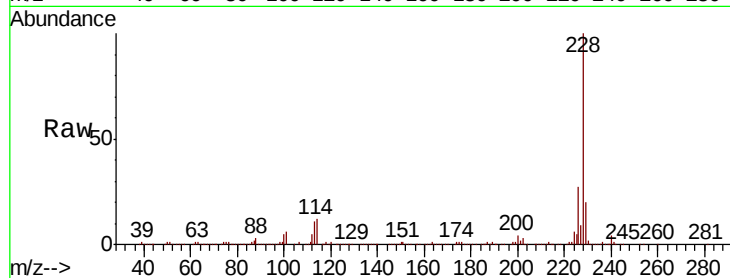
Tot Ion:228 Resp: 520962

Ion Ratio Lower Upper

228 100

226 27.5 22.1 33.1

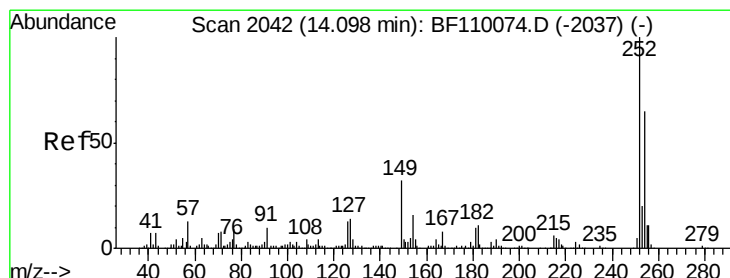
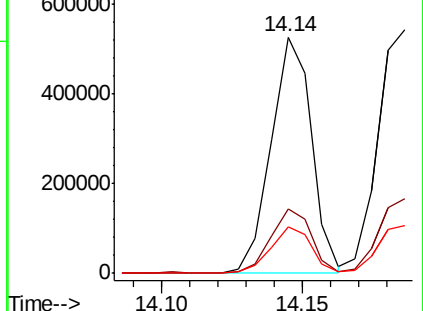
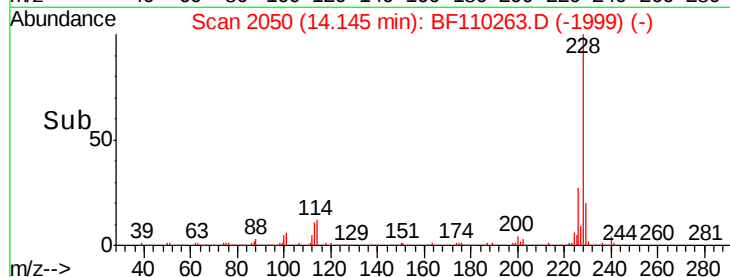
229 19.9 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.845 ng

RT: 14.10 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

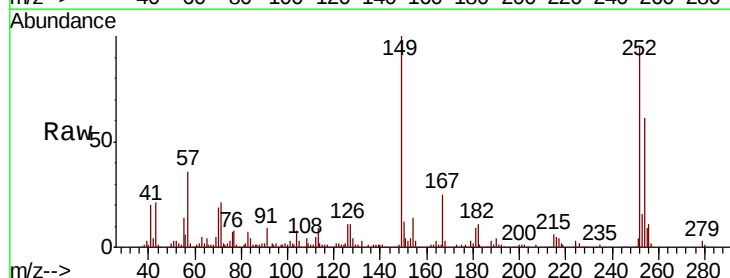
Tgt Ion:252 Resp: 152739

Ion Ratio Lower Upper

252 100

254 64.7 51.3 76.9

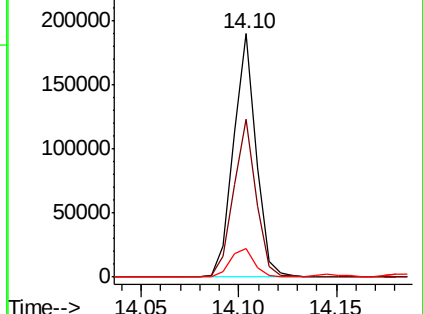
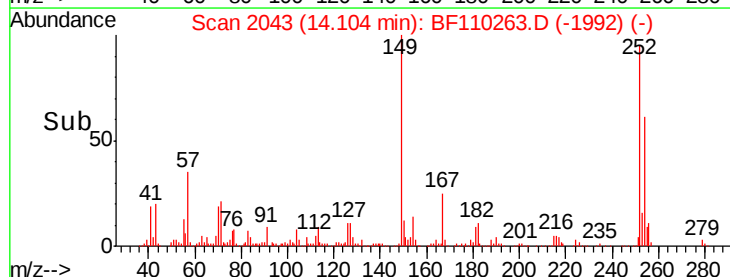
126 11.8 9.4 14.2

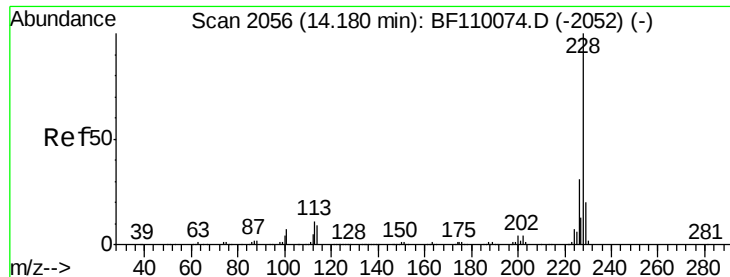


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.728 ng

RT: 14.19 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

ClientSampleId :

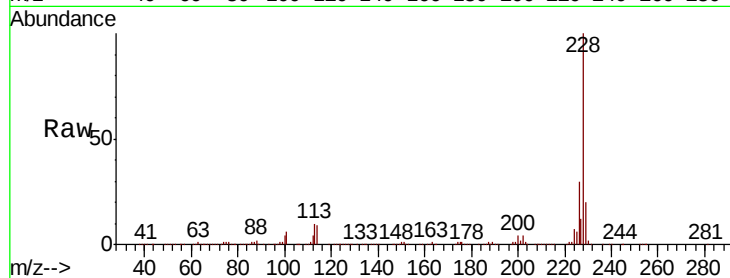
Tot Ion:228 Resp: 496604

Ion Ratio Lower Upper

228 100

226 30.4 24.7 37.1

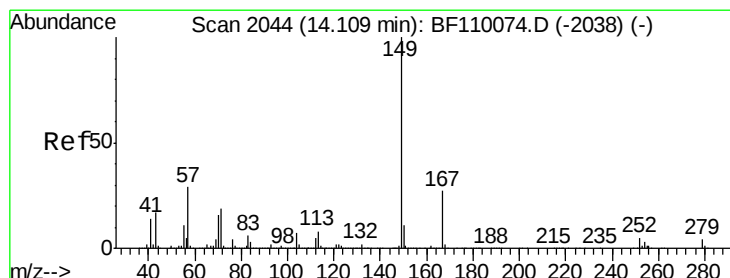
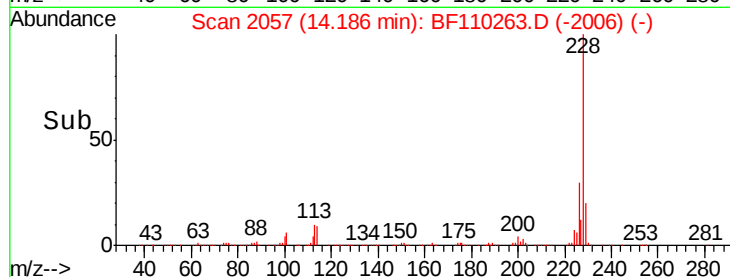
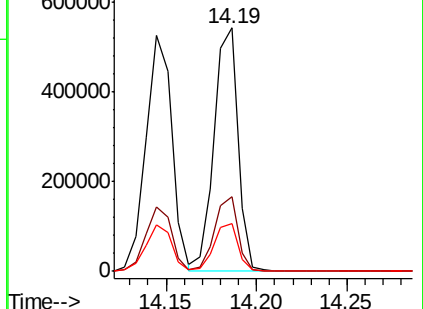
229 19.6 15.9 23.9



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.194 ng

RT: 14.11 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

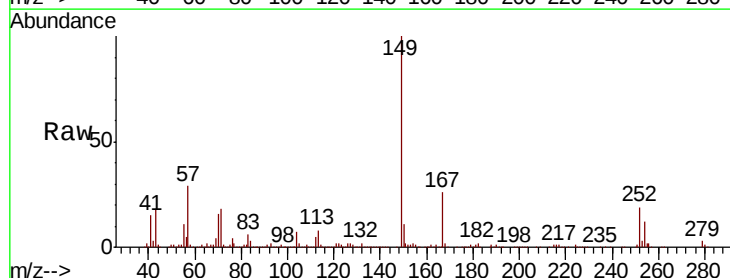
Tgt Ion:149 Resp: 357552

Ion Ratio Lower Upper

149 100

167 26.4 19.8 29.8

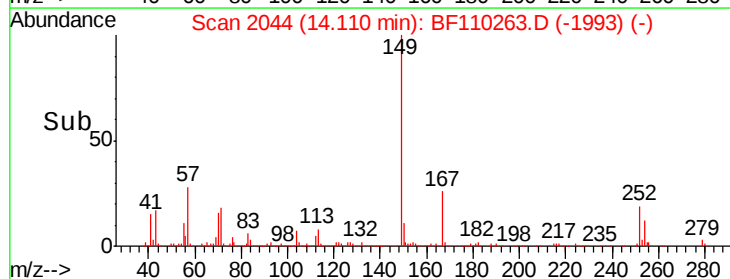
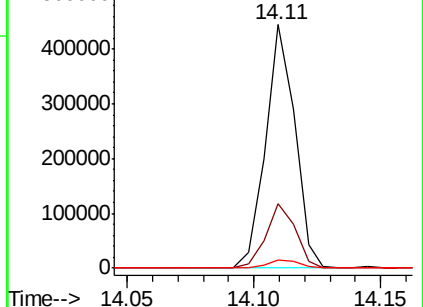
279 3.5 2.7 4.1



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





#85

Di-n-octyl phthalate

Concen: 45.415 ng

RT: 14.73 min Scan# 2150

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

ClientSampleId :

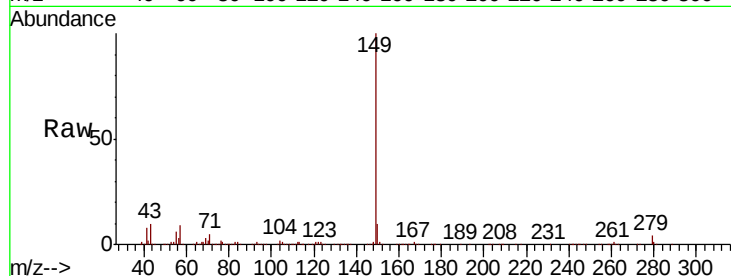
Tot Ion:149 Resp: 612944

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

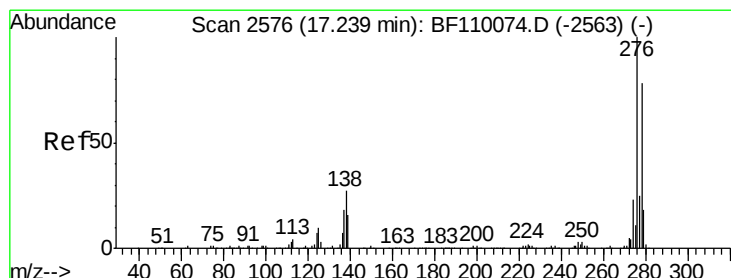
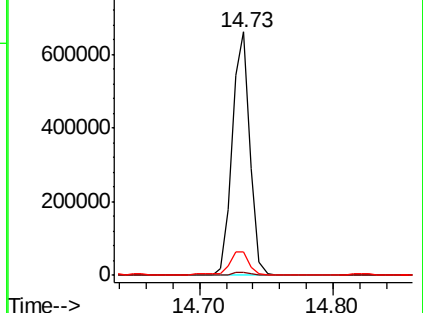
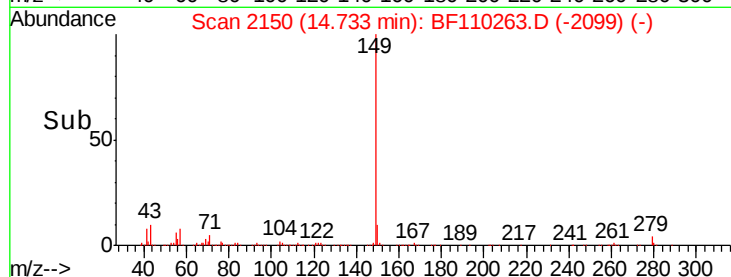
43 10.7 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.835 ng

RT: 17.26 min Scan# 2580

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

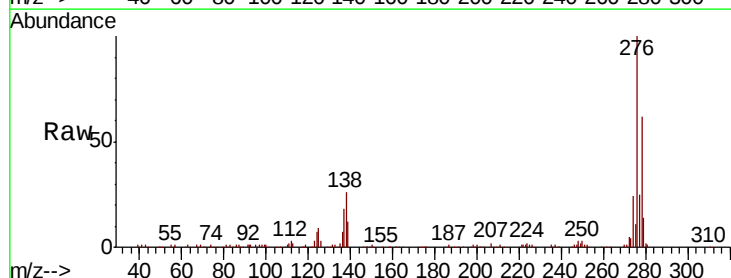
Tgt Ion:276 Resp: 374448

Ion Ratio Lower Upper

276 100

138 26.2 18.5 27.7

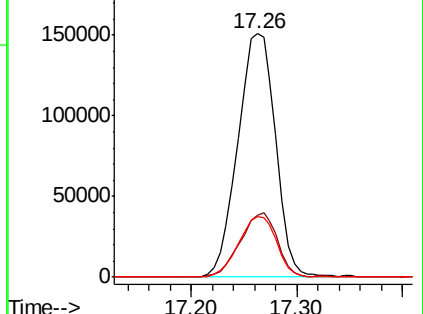
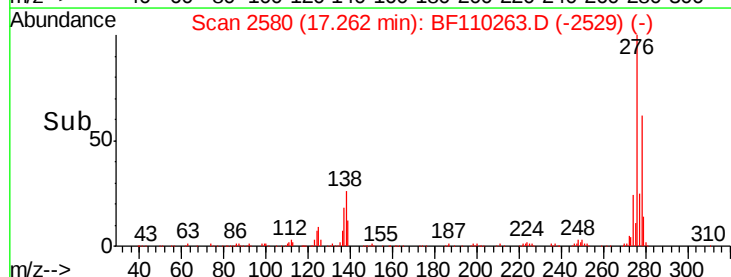
277 25.2 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

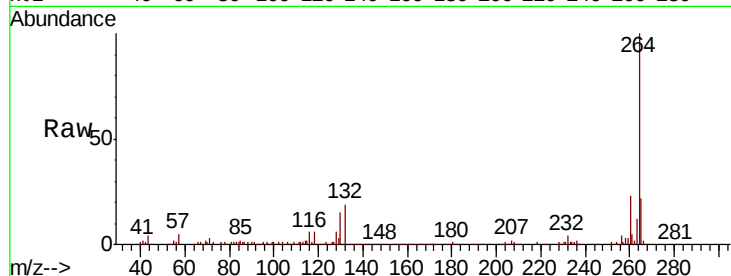




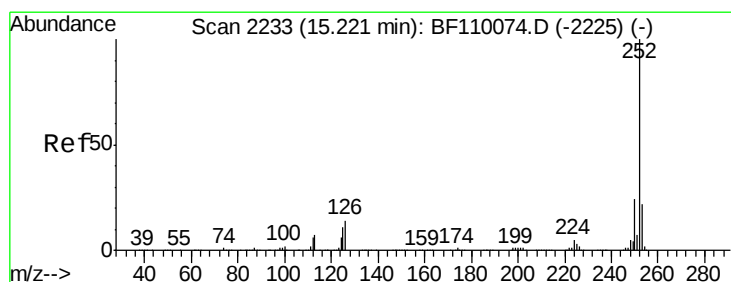
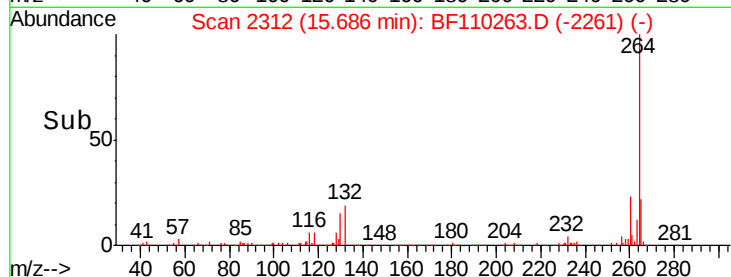
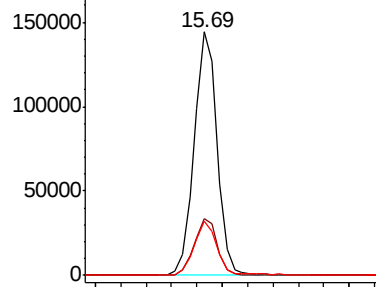
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 180194
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 22.3 16.7 25.1

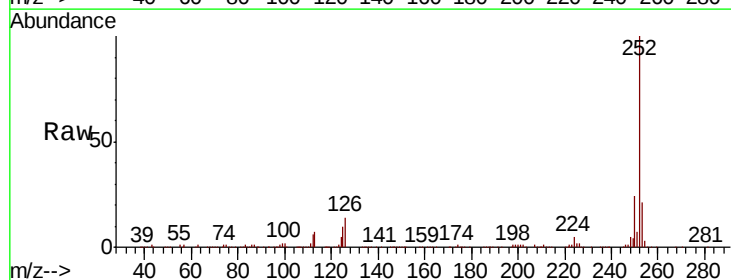


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

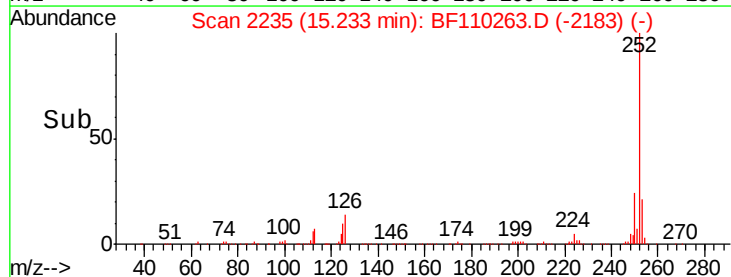
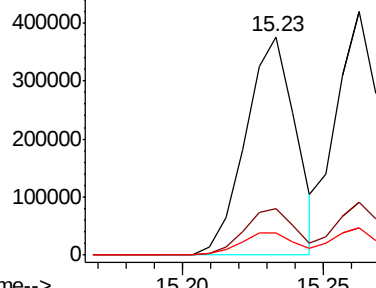


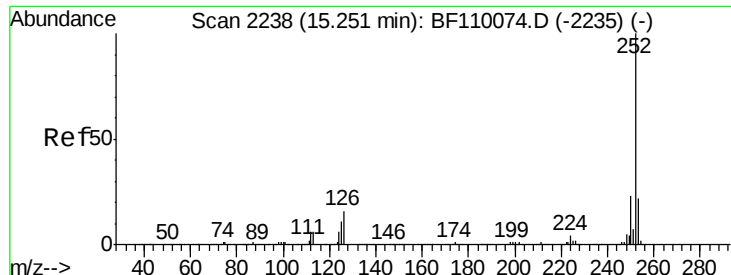
#88
Benzo(b)fluoranthene
Concen: 44.488 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion:252 Resp: 462925
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 10.1 8.2 12.4



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

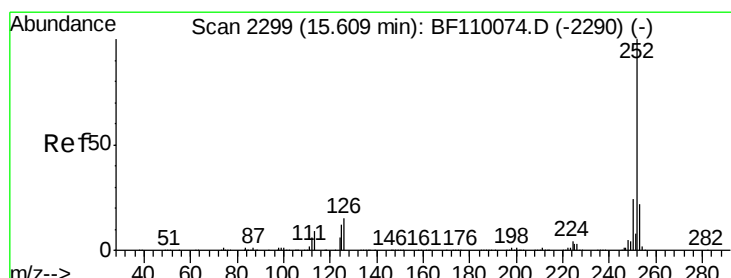
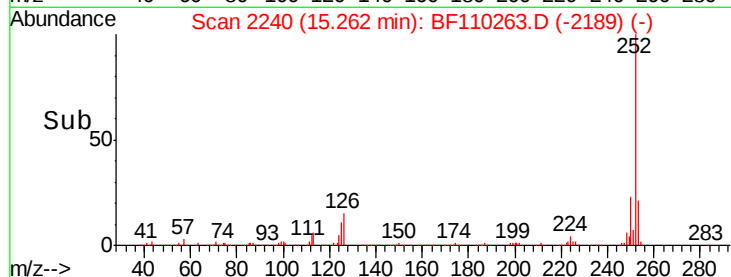
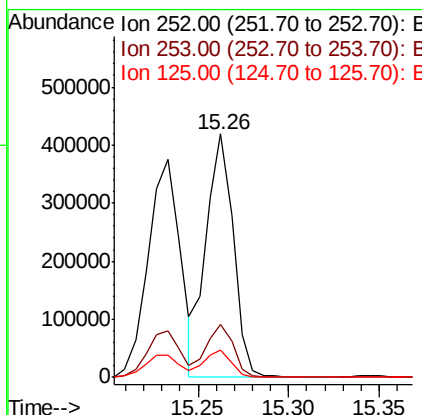
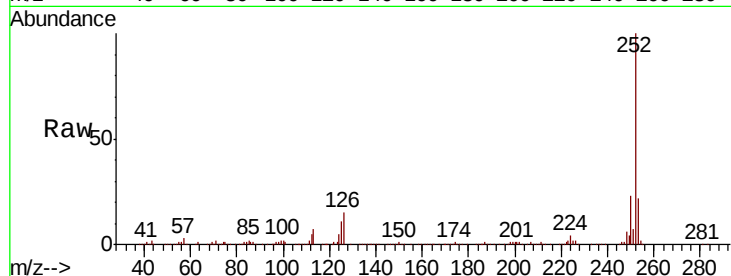




#89
Benzo(k)fluoranthene
Concen: 42.600 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

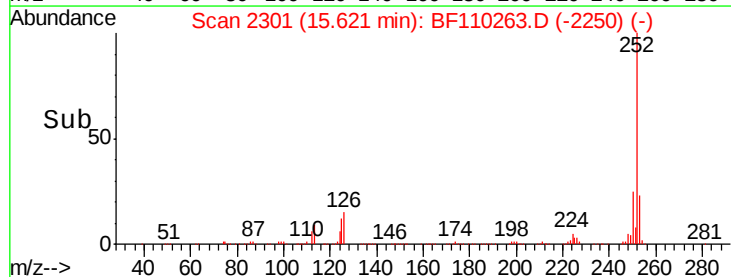
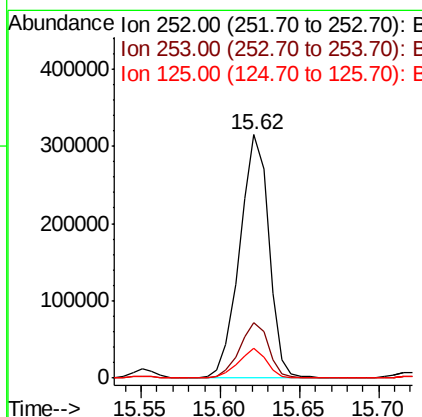
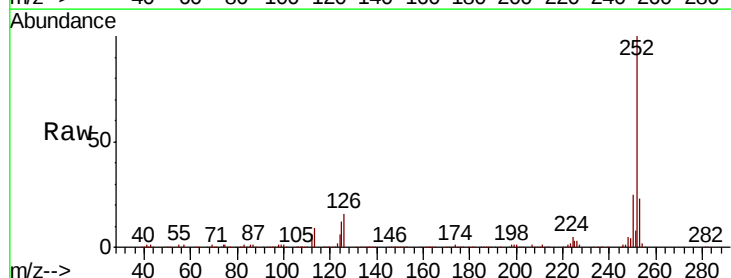
Instrument :
BNA_F
ClientSampleId :

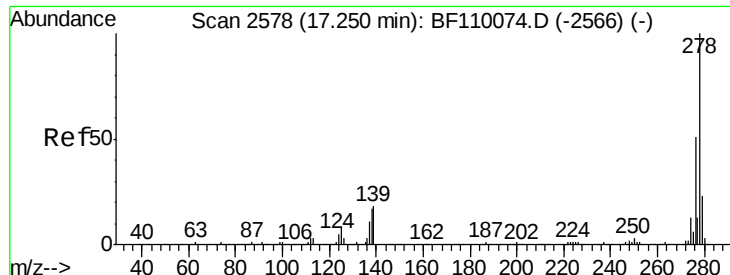
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	11.0	7.4	11.0



#90
Benzo(a)pyrene
Concen: 42.183 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	12.1	9.0	13.6

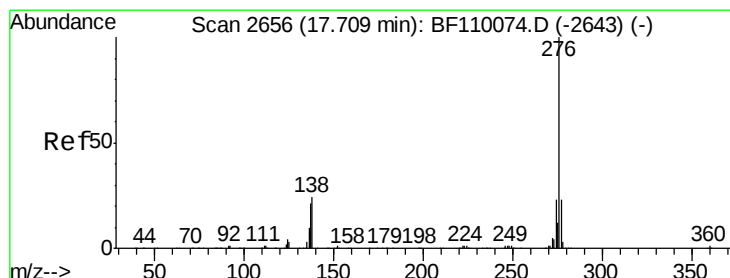
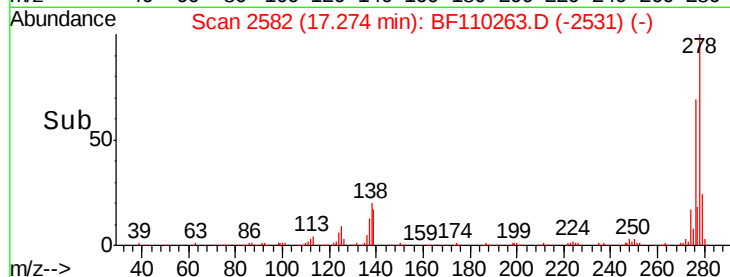
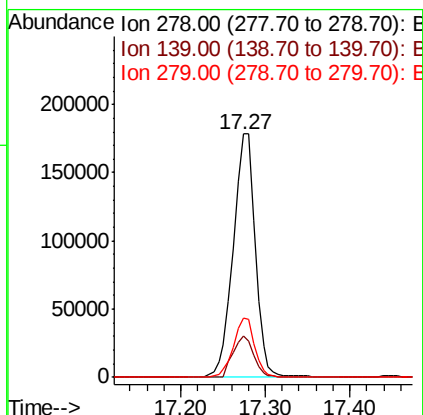
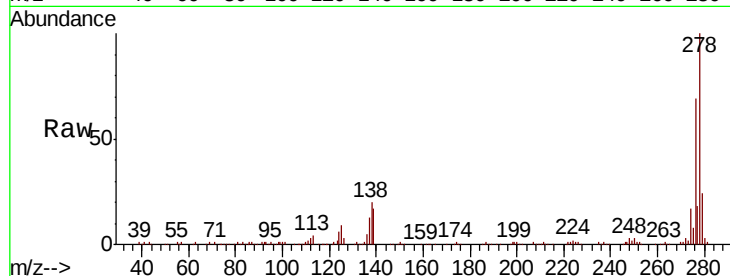




#91
Dibenzo(a,h)anthracene
Concen: 38.897 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 321350
Ion Ratio Lower Upper
278 100
139 17.1 12.7 19.1
279 24.4 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 36.561 ng
RT: 17.74 min Scan# 2661
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion:276 Resp: 297650
Ion Ratio Lower Upper
276 100
277 23.0 18.8 28.2
138 21.7 16.0 24.0

