

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF104991.D
 Acq On : 1 May 2018 18:34
 Operator : JU/SJ
 Sample : J2565-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MSD

Quant Time: May 02 06:52:05 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	122874	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	510880	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	232797	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	385380	20.00	ng	0.00
75) Chrysene-d12	14.03	240	228597	20.00	ng	0.06
86) Perylene-d12	15.59	264	242086	20.00	ng	0.16

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	884927	110.12	ng	0.01
7) Phenol-d6	6.45	99	1092354	110.63	ng	0.01
23) Nitrobenzene-d5	7.36	82	689750	88.16	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	257251	106.53	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1176393	79.83	ng	0.00
78) Terphenyl-d14	12.92	244	917838	91.54	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	109105	29.138	ng	# 86
3) Pyridine	3.26	79	315902	30.007	ng	# 83
4) n-Nitrosodimethylamine	3.23	42	130321	35.413	ng	# 77
6) Aniline	6.46	93	306306	22.329	ng	# 67
8) 2-Chlorophenol	6.58	128	346701	40.876	ng	95
9) Benzaldehyde	6.34	77	131841	22.823	ng	97
10) Phenol	6.46	94	412759	39.400	ng	84
11) bis(2-Chloroethyl)ether	6.53	93	322743	38.605	ng	94
12) 1,3-Dichlorobenzene	6.73	146	353670	36.807	ng	98
13) 1,4-Dichlorobenzene	6.81	146	361553	37.747	ng	99
14) 1,2-Dichlorobenzene	6.96	146	333097	37.527	ng	99
15) Benzyl Alcohol	6.95	79	264553	35.277	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	355785	31.690	ng	56
17) 2-Methylphenol	7.06	107	272066	36.902	ng	# 92
18) Hexachloroethane	7.30	117	124334	36.407	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	215862	33.457	ng	90
20) 3+4-Methylphenols	7.22	107	338680	37.039	ng	# 88
22) Acetophenone	7.20	105	464795	36.954	ng	98
24) Nitrobenzene	7.39	77	346028	40.059	ng	93
25) Isophorone	7.62	82	638431	38.589	ng	98
26) 2-Nitrophenol	7.70	139	185102	52.637	ng	92
27) 2,4-Dimethylphenol	7.74	122	289850	39.696	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	407936	40.328	ng	99
29) 2,4-Dichlorophenol	7.95	162	294548	42.279	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	297146	38.864	ng	99
31) Naphthalene	8.10	128	1005828	39.539	ng	99
32) Benzoic acid	7.85	122	43240	7.422	ng	95
33) 4-Chloroaniline	8.16	127	249135	22.860	ng	96
34) Hexachlorobutadiene	8.21	225	157796	37.679	ng	98
35) Caprolactam	8.53	113	95764	39.403	ng	# 75
36) 4-Chloro-3-methylphenol	8.65	107	309552	41.438	ng	98
37) 2-Methylnaphthalene	8.79	142	657994	39.987	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	277609	41.658	ng	98
40) Hexachlorocyclopentadiene	8.93	237	73148	19.607	ng	97

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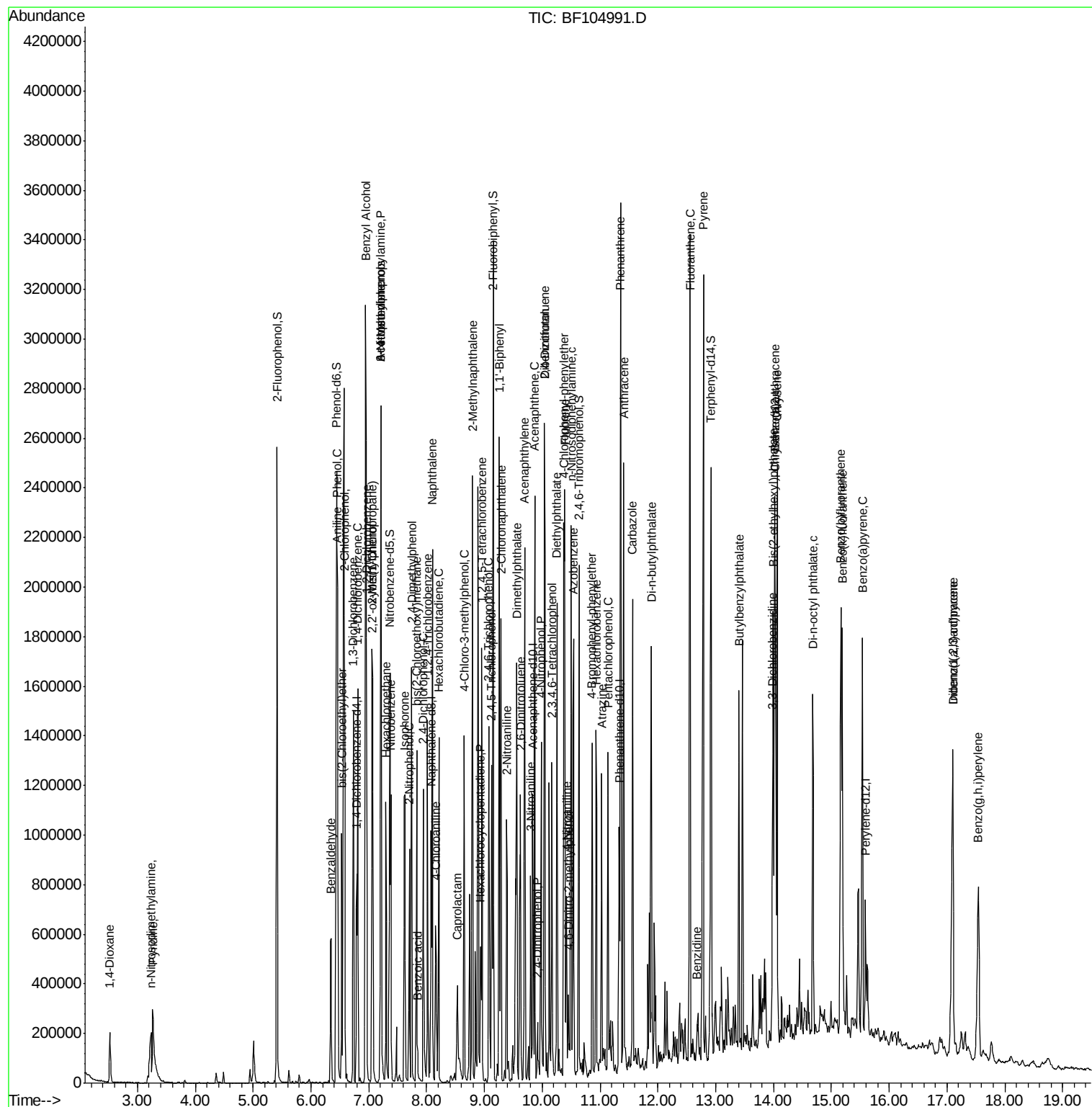
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	194199	41.980	ng	99
43) 2,4,5-Trichlorophenol	9.12	196	204080	39.423	ng	98
45) 1,1'-Biphenyl	9.26	154	752591	38.483	ng	98
46) 2-Chloronaphthalene	9.29	162	599496	38.809	ng	98
47) 2-Nitroaniline	9.39	65	178536	46.736	ng	94
48) Acenaphthylene	9.70	152	882029	36.393	ng	99
49) Dimethylphthalate	9.56	163	858545	46.767	ng	100
50) 2,6-Dinitrotoluene	9.63	165	156926	46.197	ng	# 84
51) Acenaphthene	9.87	154	571325	38.636	ng	99
52) 3-Nitroaniline	9.80	138	140591	35.353	ng	96
53) 2,4-Dinitrophenol	9.92	184	35425	35.735	ng	# 19
54) Dibenzofuran	10.05	168	779486	37.825	ng	98
55) 4-Nitrophenol	9.98	139	204401	65.432	ng	94
56) 2,4-Dinitrotoluene	10.04	165	179349	40.251	ng	# 89
57) Fluorene	10.39	166	643526	42.902	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	151080	39.119	ng	93
59) Diethylphthalate	10.26	149	679302	37.154	ng	98
60) 4-Chlorophenyl-phenylether	10.37	204	278913	41.753	ng	99
61) 4-Nitroaniline	10.42	138	160001	41.148	ng	93
62) Azobenzene	10.54	77	587611	33.640	ng	89
64) 4,6-Dinitro-2-methylphenol	10.45	198	34751	23.028	ng	82
65) n-Nitrosodiphenylamine	10.50	169	557904	41.753	ng	100
66) 4-Bromophenyl-phenylether	10.87	248	168859	41.193	ng	# 89
67) Hexachlorobenzene	10.93	284	181226	39.290	ng	94
68) Atrazine	11.03	200	167672	41.572	ng	97
69) Pentachlorophenol	11.14	266	148464	52.029	ng	98
70) Phenanthrene	11.36	178	1579282	73.587	ng	99
71) Anthracene	11.41	178	979268	44.888	ng	99
72) Carbazole	11.56	167	798156	37.440	ng	100
73) Di-n-butylphthalate	11.89	149	964262	37.028	ng	99
74) Fluoranthene	12.56	202	1658687	73.972	ng	97
76) Benzidine	12.67	184	60848	3.618	ng	97
77) Pyrene	12.79	202	1547977	91.356	ng	100
79) Butylbenzylphthalate	13.40	149	347261	43.501	ng	94
80) Benzo(a)anthracene	14.02	228	1070113	78.358	ng	99
81) 3,3'-Dichlorobenzidine	13.98	252	166119	32.624	ng	97
82) Chrysene	14.06	228	961758	68.563	ng	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	486031	47.335	ng	98
84) Di-n-octyl phthalate	14.68	149	761767	44.401	ng	# 93
85) Indeno(1,2,3-cd)pyrene	17.10	276	756251	63.465	ng	95
87) Benzo(b)fluoranthene	15.17	252	1107257	72.418	ng	96
88) Benzo(k)fluoranthene	15.20	252	702511	48.668	ng	97
89) Benzo(a)pyrene	15.54	252	896567	65.536	ng	99
90) Dibenzo(a,h)anthracene	17.10	278	481168	42.824	ng	98
91) Benzo(g,h,i)perylene	17.54	276	635108	58.344	ng	95

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MSD

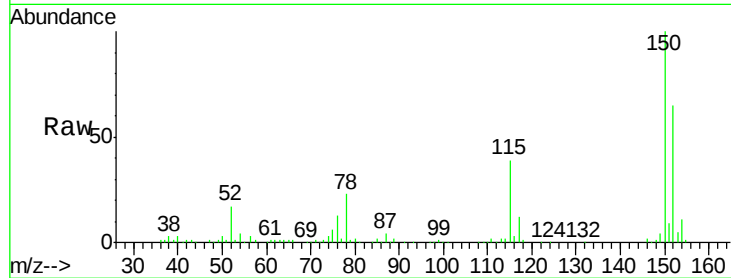
Tgt Ion:152 Resp: 122874

Ion Ratio Lower Upper

152 100

150 153.1 124.6 186.8

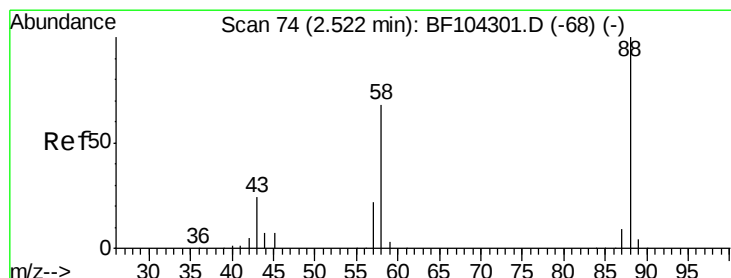
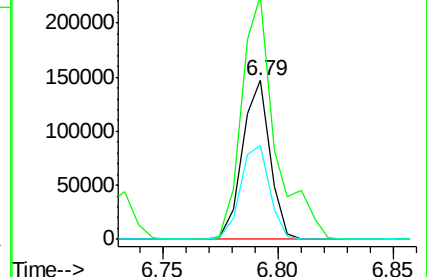
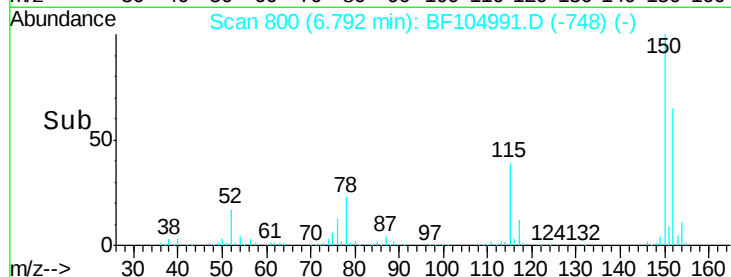
115 59.4 50.1 75.1



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: 29.138 ng

RT: 2.52 min Scan# 74

Delta R.T. 0.02 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

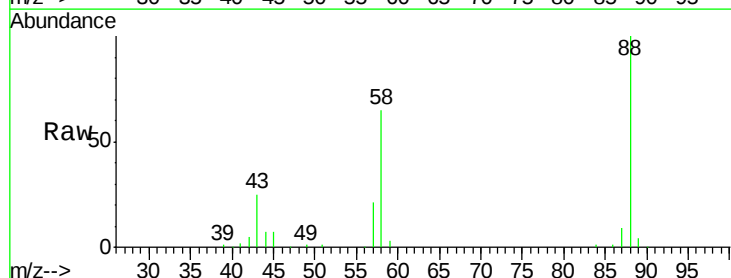
Tgt Ion: 88 Resp: 109105

Ion Ratio Lower Upper

88 100

58 65.5 62.6 93.8

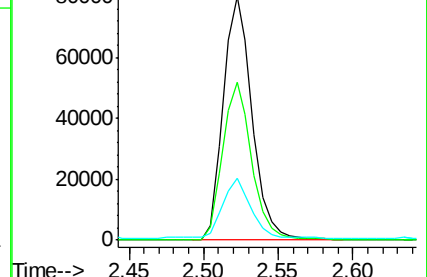
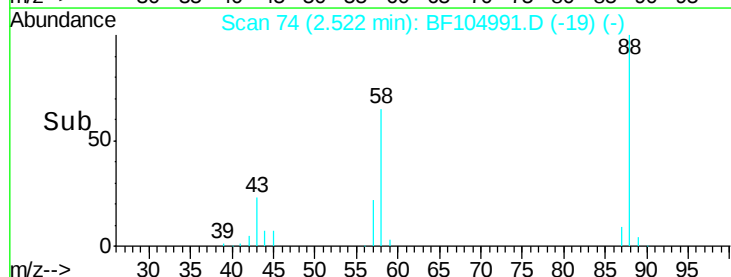
43 24.5 24.6 37.0#

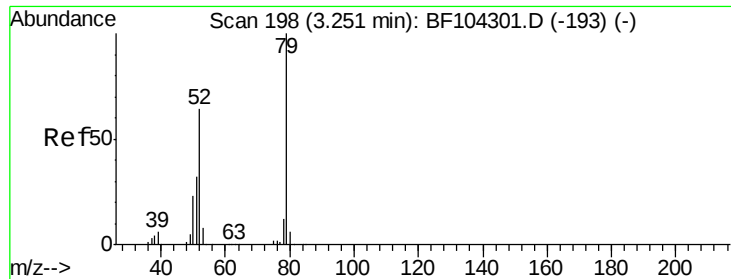


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 30.007 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.03 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

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TP-4 0.0-0.5MSD

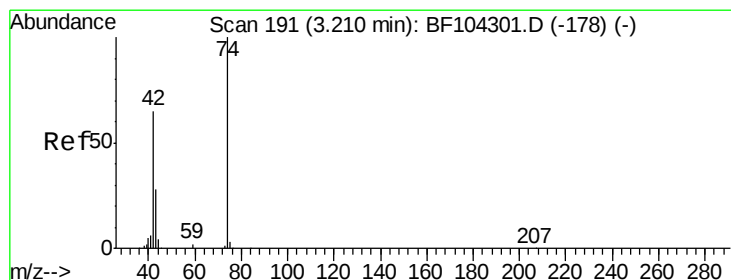
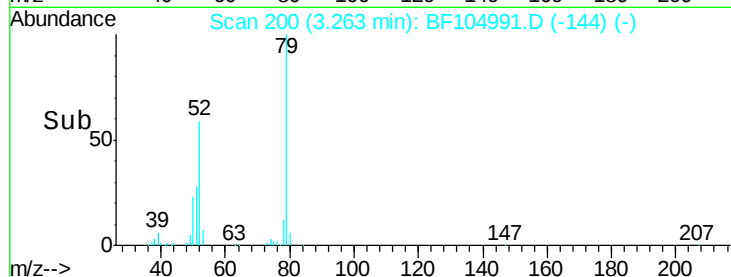
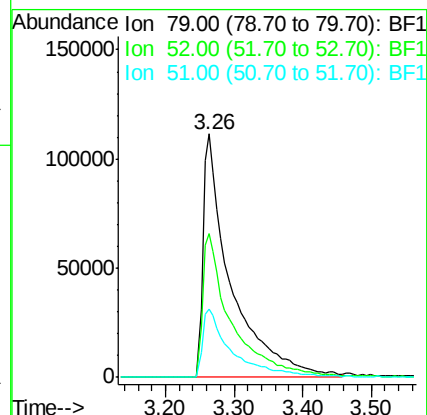
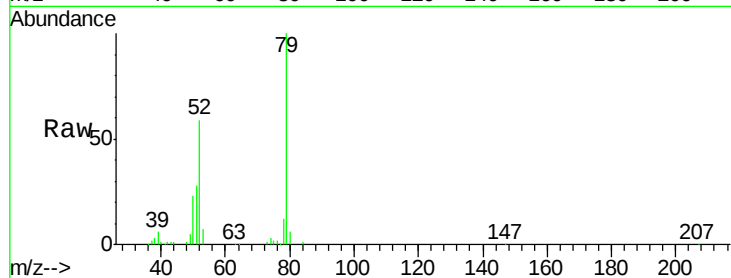
Tgt Ion: 79 Resp: 315902

Ion Ratio Lower Upper

79 100

52 59.0 59.8 89.6#

51 28.3 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 35.413 ng

RT: 3.23 min Scan# 195

Delta R.T. 0.02 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

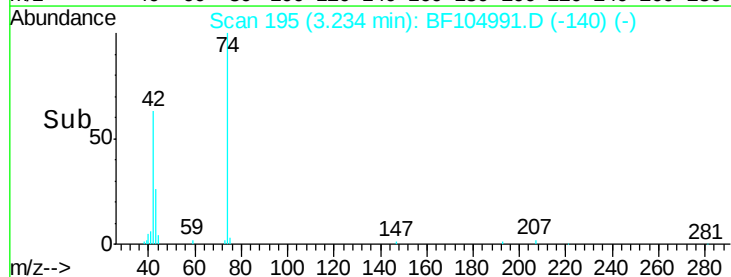
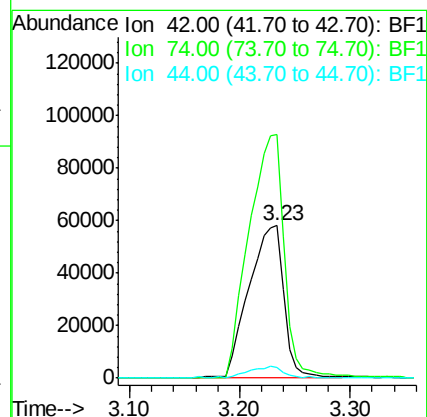
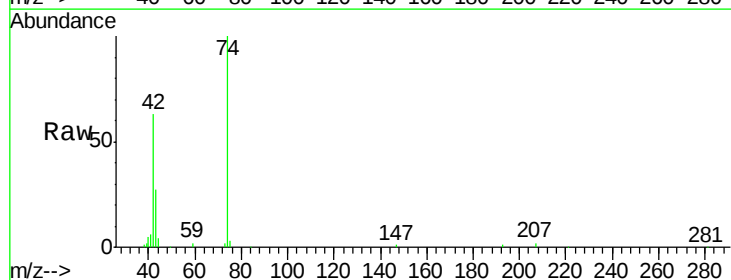
Tgt Ion: 42 Resp: 130321

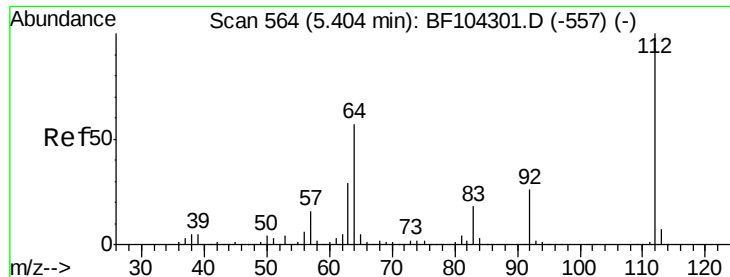
Ion Ratio Lower Upper

42 100

74 159.8 104.9 157.3#

44 6.8 6.9 10.3#





#5

2-Fluorophenol

Concen: 110.121 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

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TP-4 0.0-0.5MSD

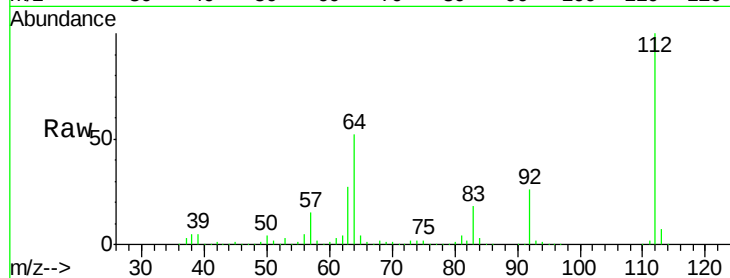
Tgt Ion: 112 Resp: 884927

Ion Ratio Lower Upper

112 100

64 52.3 47.9 71.9

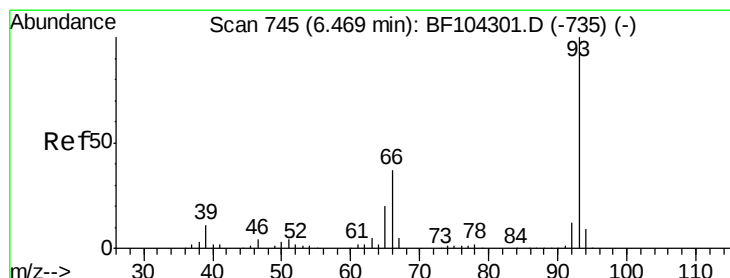
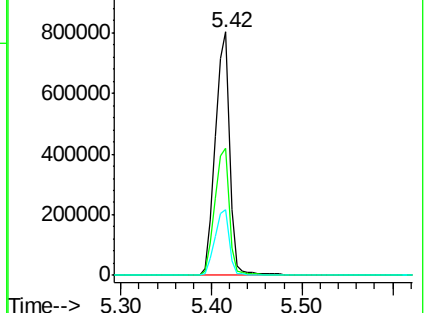
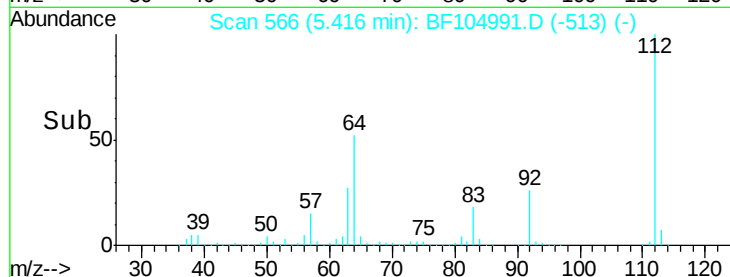
63 27.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.329 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

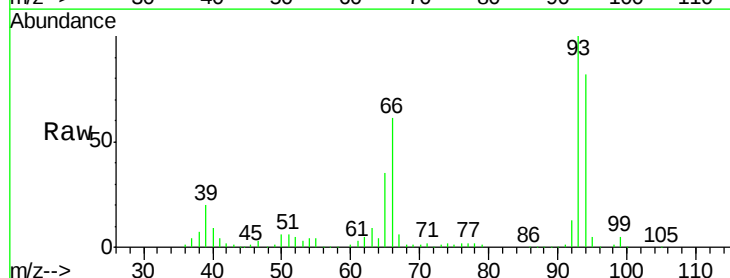
Tgt Ion: 93 Resp: 306306

Ion Ratio Lower Upper

93 100

66 60.7 32.2 48.2#

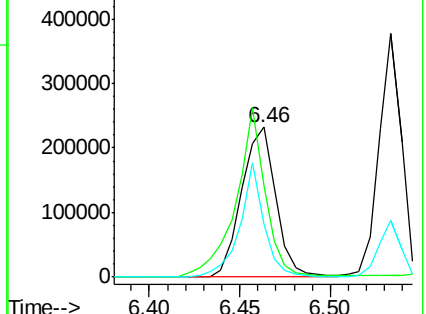
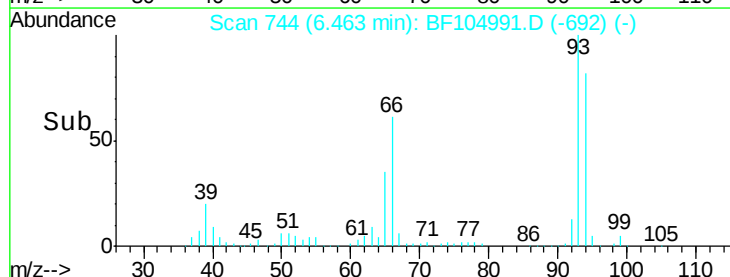
65 35.2 16.4 24.6#



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: 110.634 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

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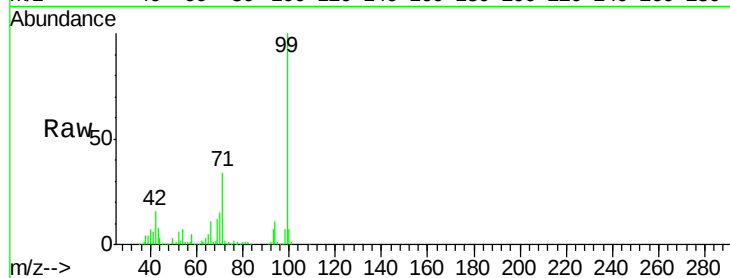
Tgt Ion: 99 Resp: 1092354

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

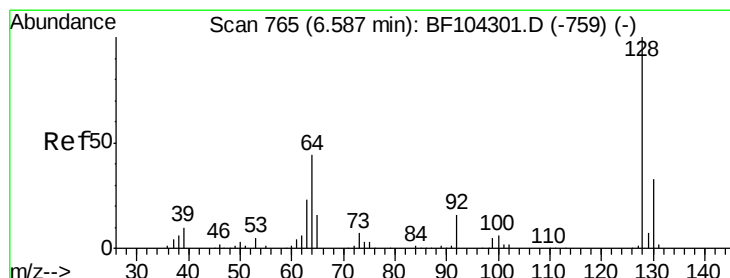
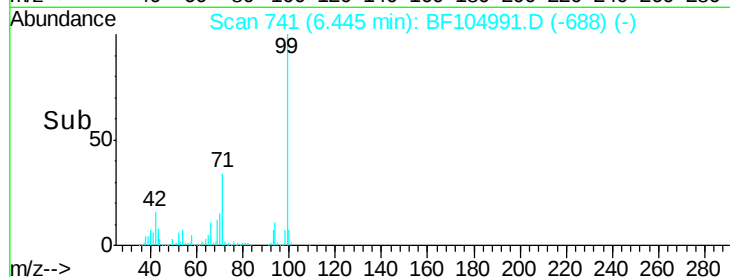
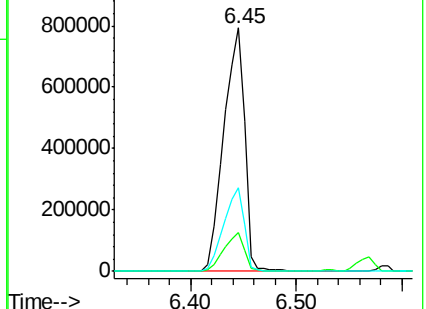
71 34.2 25.4 38.0



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: 40.876 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF104991.D

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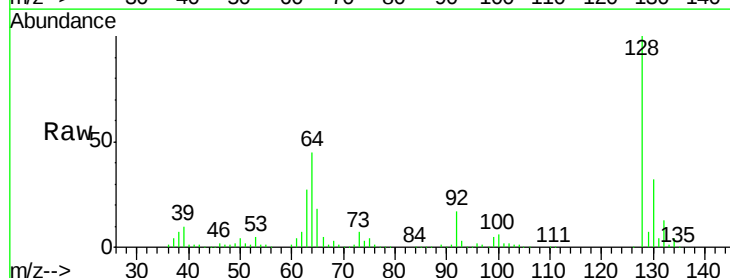
Tgt Ion: 128 Resp: 346701

Ion Ratio Lower Upper

128 100

130 31.5 13.0 53.0

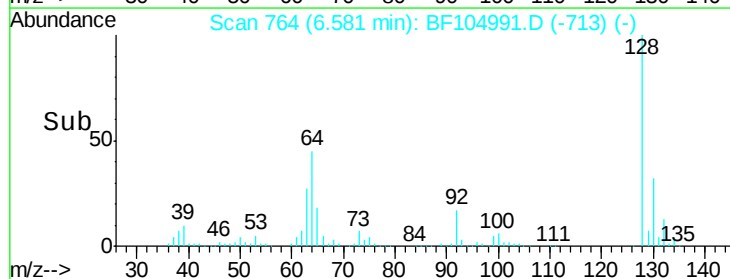
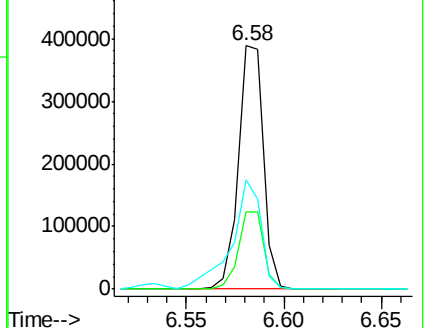
64 44.7 29.4 69.4

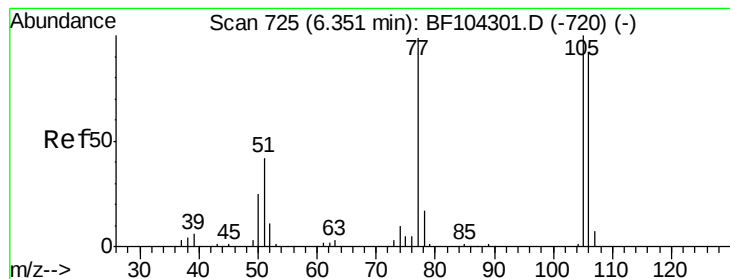


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 22.823 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

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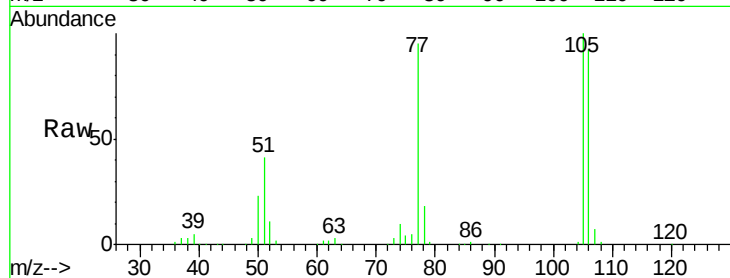
Tgt Ion: 77 Resp: 131841

Ion Ratio Lower Upper

77 100

105 105.3 81.1 121.1

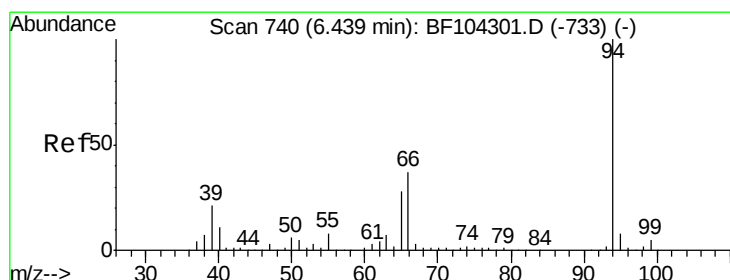
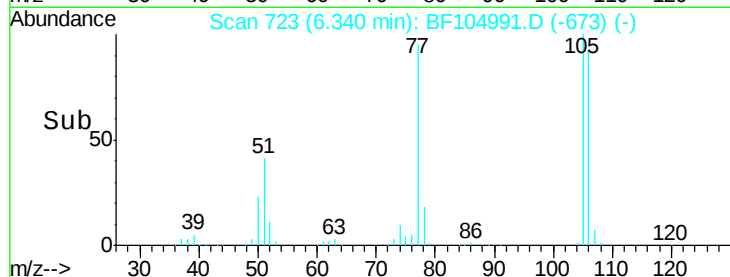
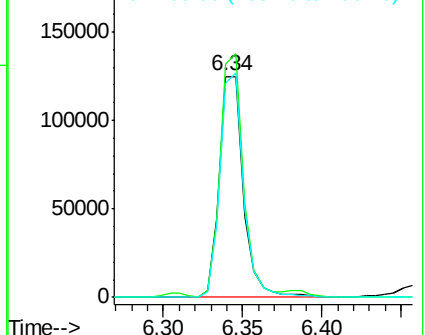
106 96.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.400 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104991.D

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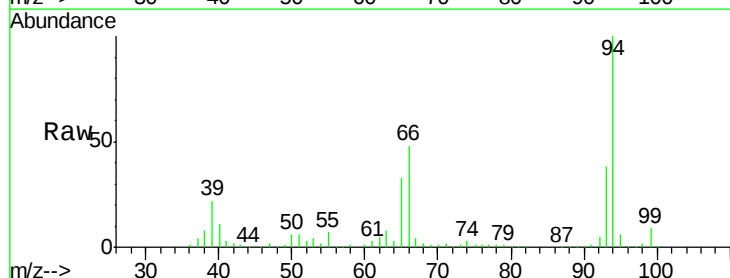
Tgt Ion: 94 Resp: 412759

Ion Ratio Lower Upper

94 100

65 32.6 7.9 47.9

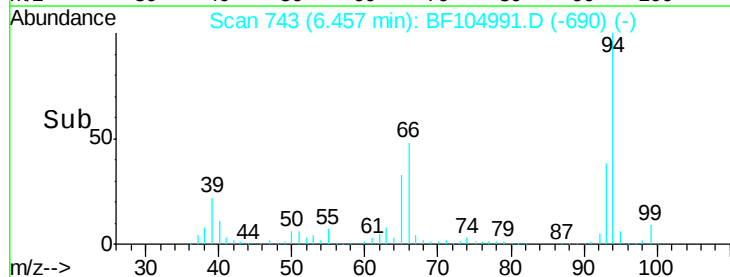
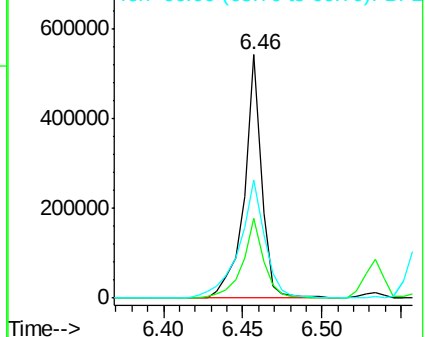
66 48.3 16.2 56.2



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: 38.605 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MSD

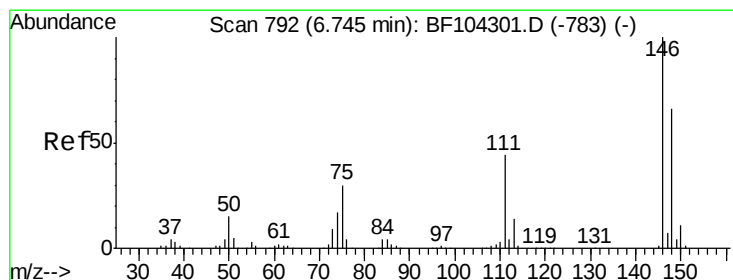
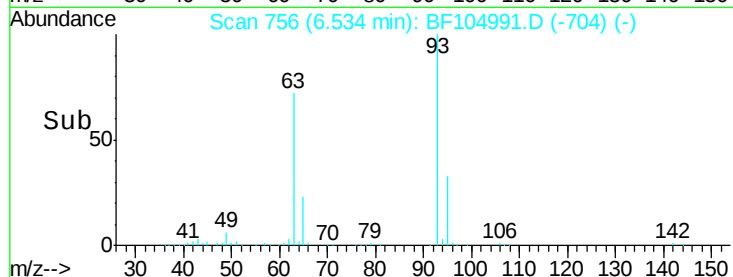
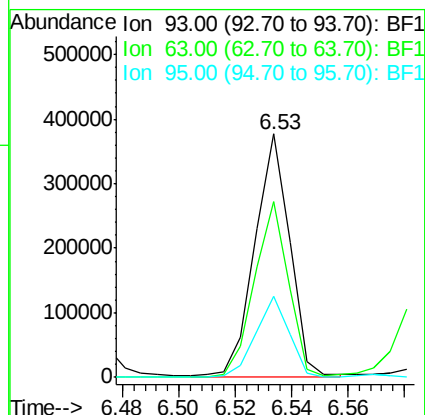
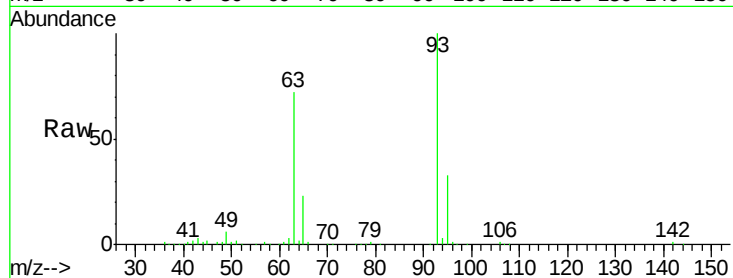
Tgt Ion: 93 Resp: 322743

Ion Ratio Lower Upper

93 100

63 72.4 58.6 98.6

95 33.1 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 36.807 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

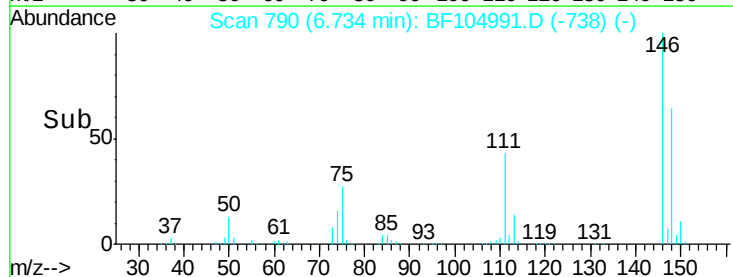
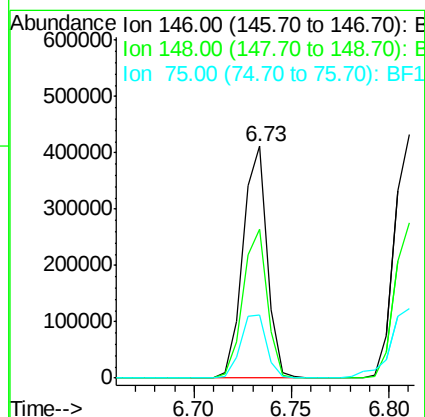
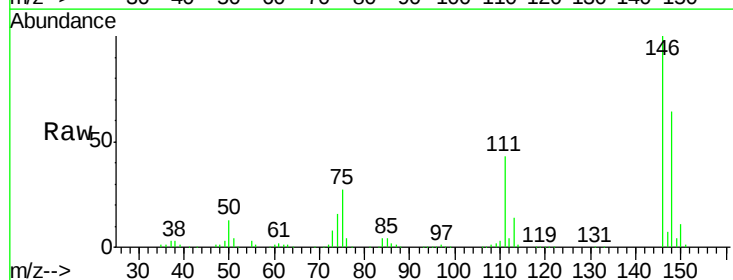
Tgt Ion: 146 Resp: 353670

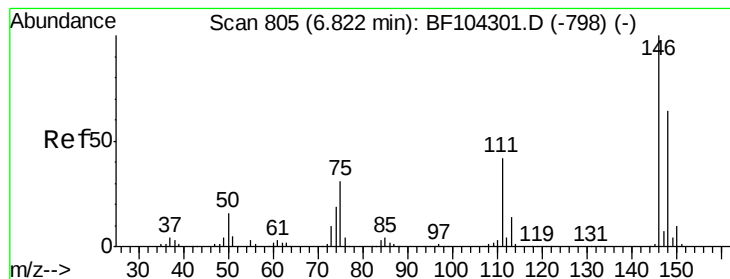
Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

75 27.0 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 37.747 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MSD

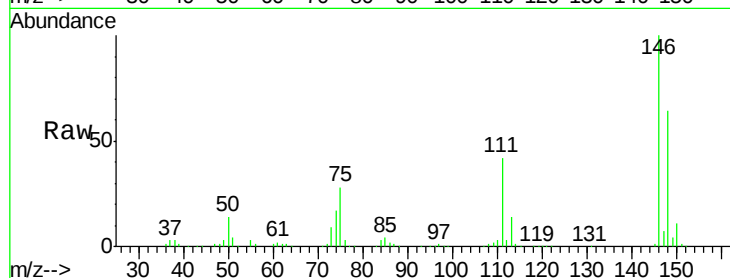
Tgt Ion:146 Resp: 361553

Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

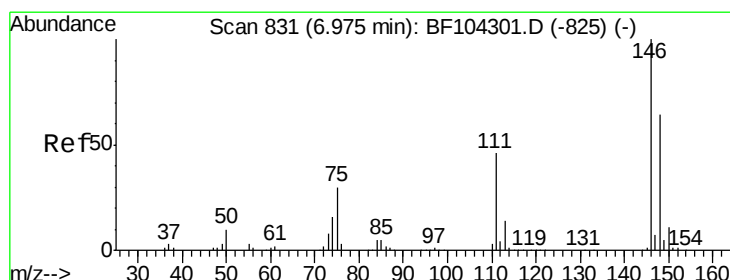
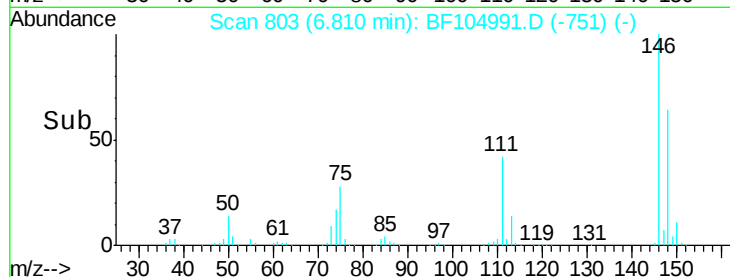
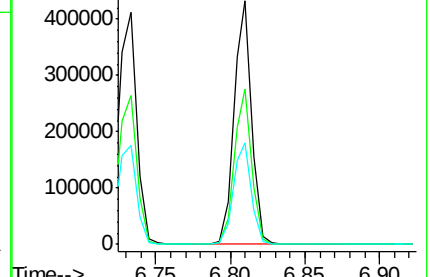
111 41.8 34.2 51.2



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: 37.527 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

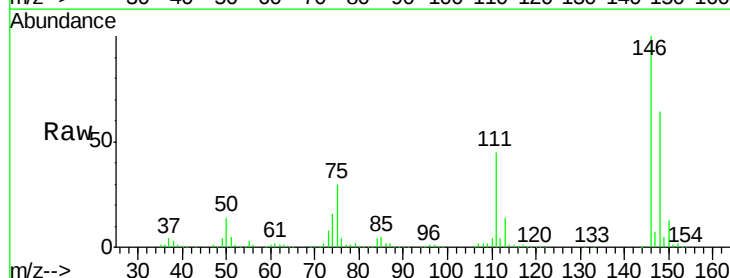
Tgt Ion:146 Resp: 333097

Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

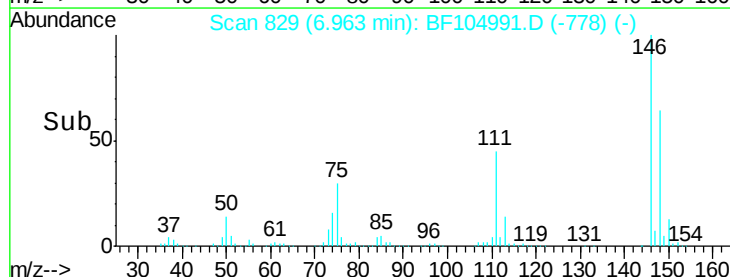
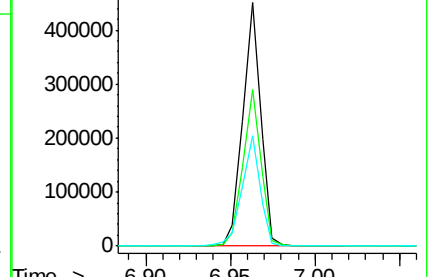
111 45.3 36.0 54.0

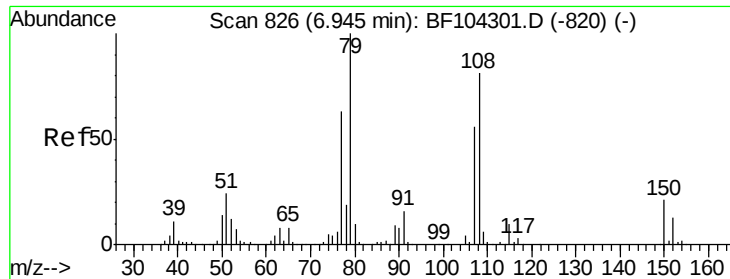


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

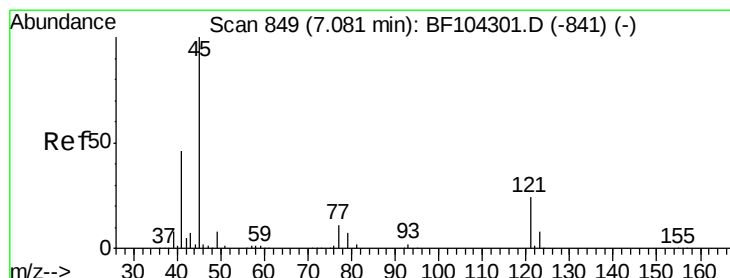
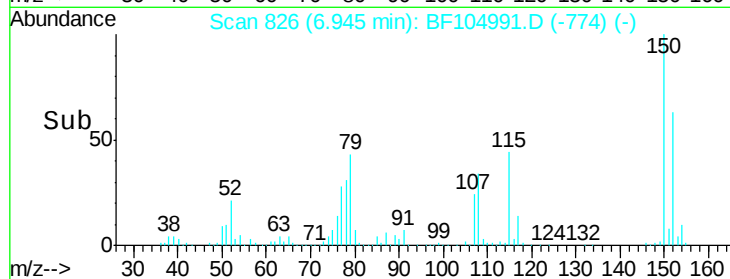
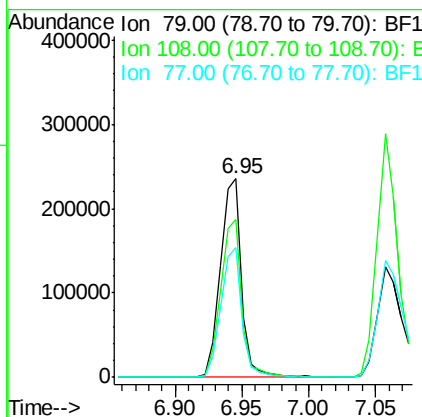
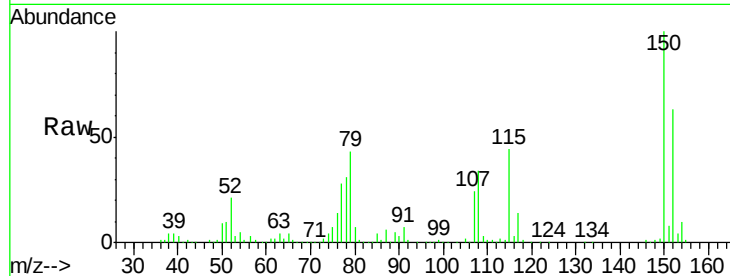




#15
Benzyl Alcohol
Concen: 35.277 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

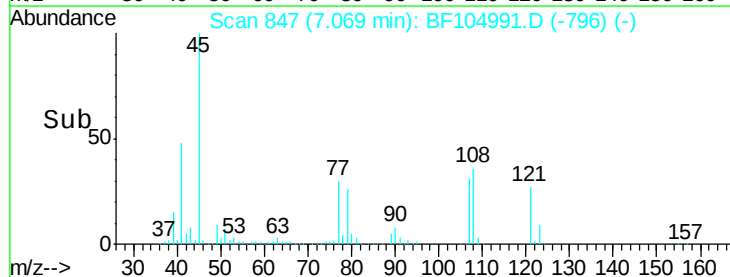
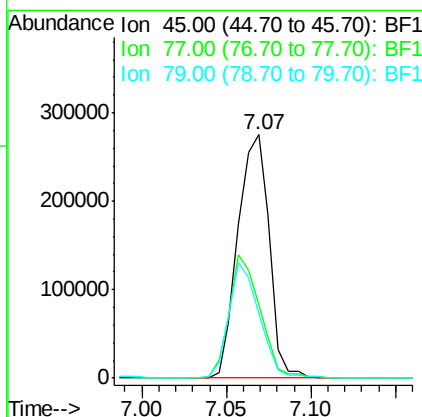
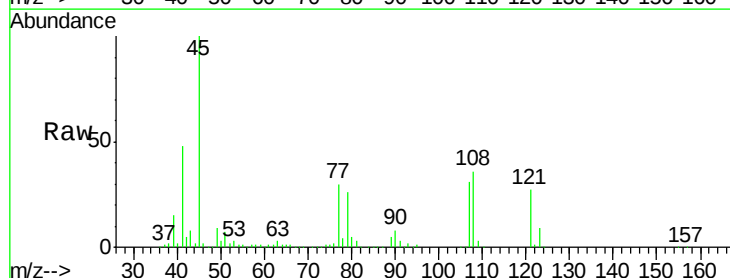
Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MSD

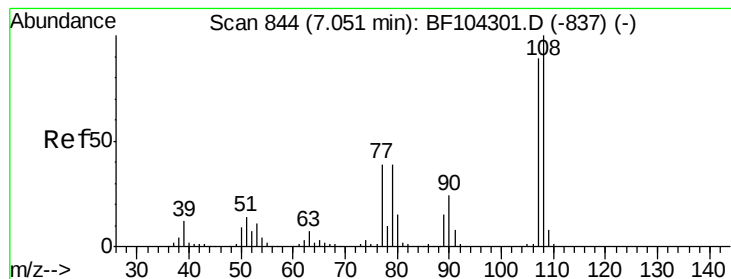
Tgt Ion: 79 Resp: 264553
Ion Ratio Lower Upper
79 100
108 79.8 65.1 97.7
77 65.5 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.690 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Tgt Ion: 45 Resp: 355785
Ion Ratio Lower Upper
45 100
77 30.3 0.0 32.9
79 26.2 0.0 29.6





#17

2-Methylphenol

Concen: 36.902 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MSD

Tgt Ion:107 Resp: 272066

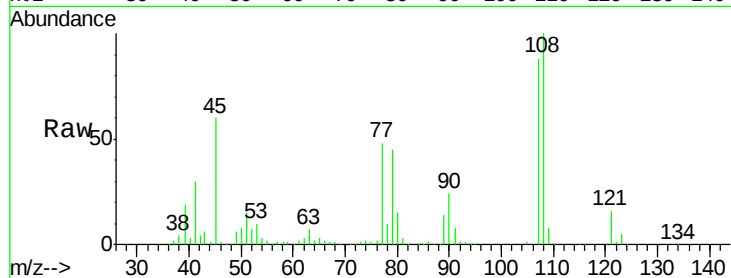
Ion Ratio Lower Upper

107 100

108 113.4 91.7 137.5

77 54.6 33.8 50.8#

79 51.5 33.8 50.8#



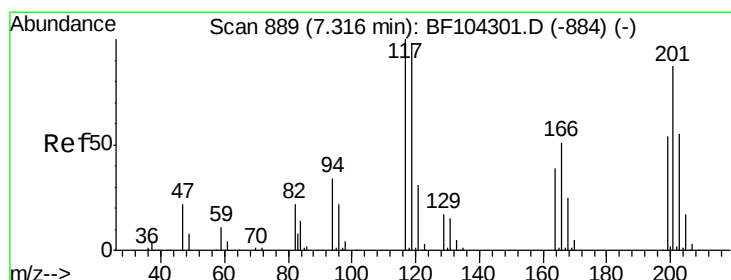
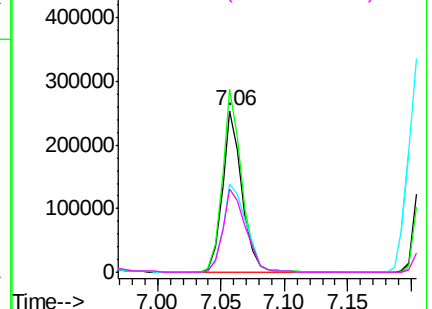
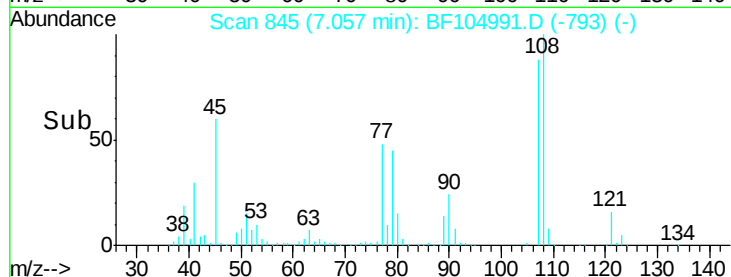
Abundance

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: 36.407 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

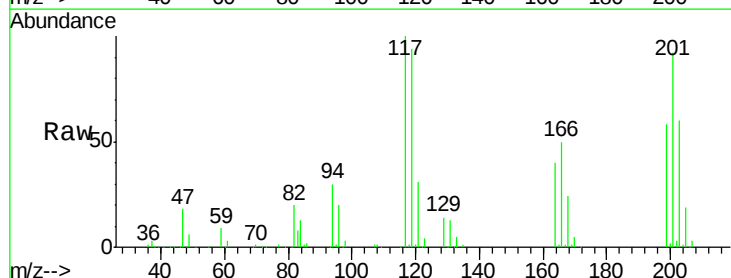
Tgt Ion:117 Resp: 124334

Ion Ratio Lower Upper

117 100

119 94.4 75.8 113.8

201 92.4 75.7 113.5

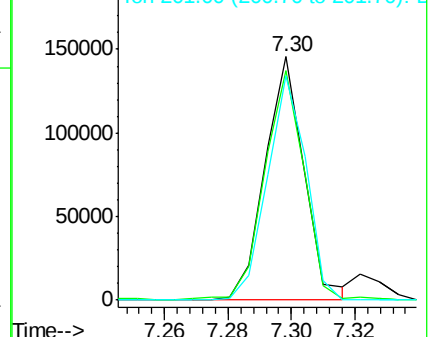
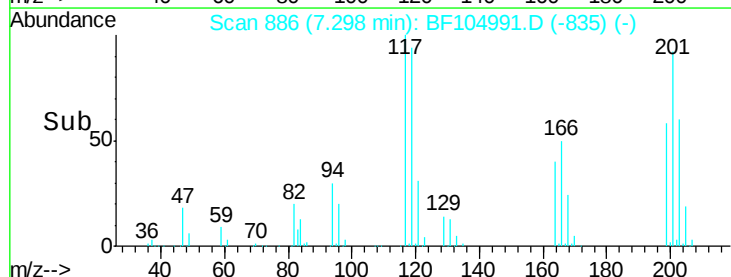


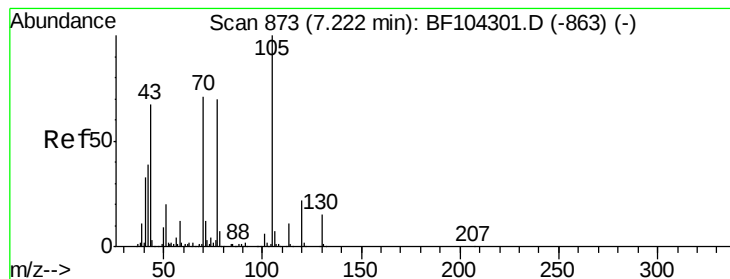
Abundance

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: 33.457 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MSD

Tgt Ion: 70 Resp: 215862

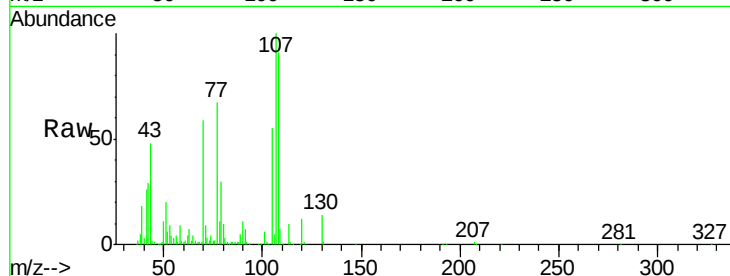
Ion Ratio Lower Upper

70 100

42 49.9 47.5 71.3

101 10.3 7.4 11.2

130 23.4 16.6 25.0

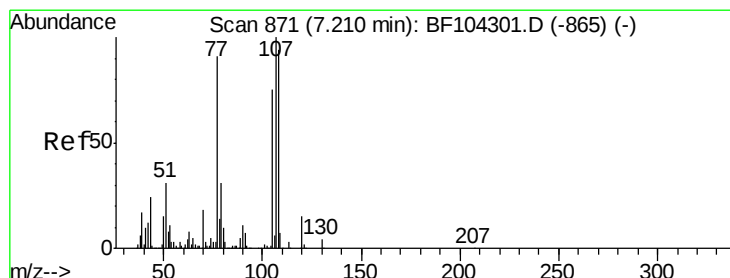
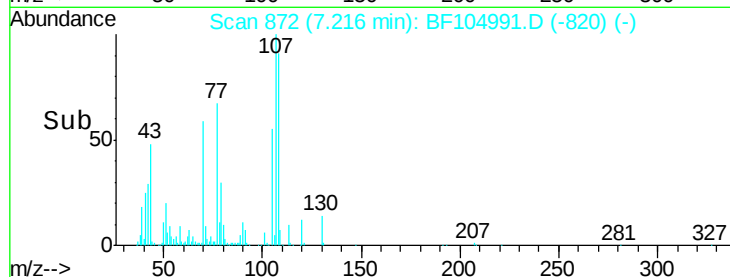
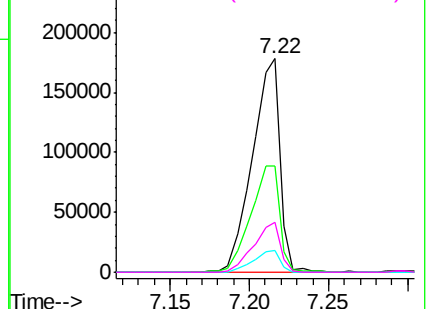


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 37.039 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Tgt Ion: 107 Resp: 338680

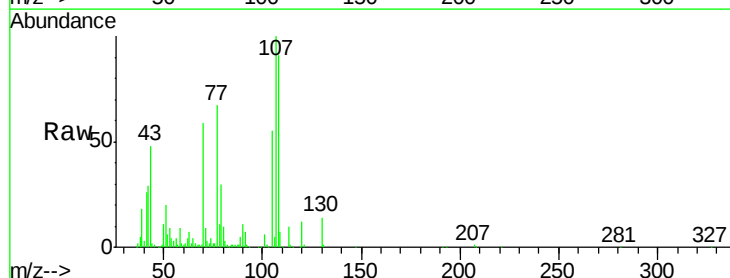
Ion Ratio Lower Upper

107 100

108 91.1 68.2 108.2

77 67.1 26.7 66.7#

79 30.0 6.3 46.3

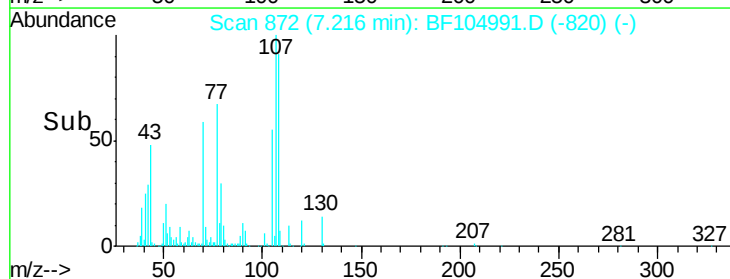
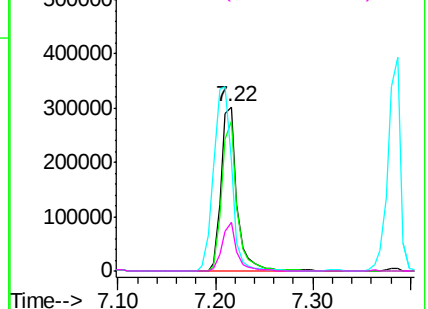


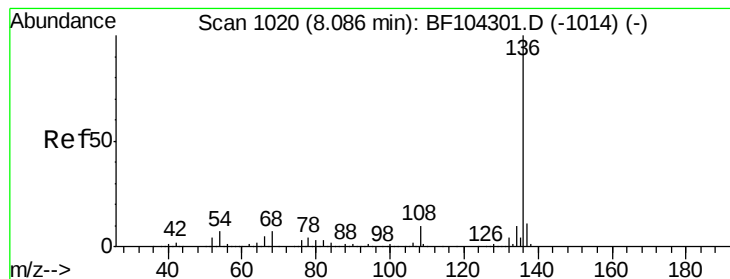
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MSD

Tgt Ion:136 Resp: 510880

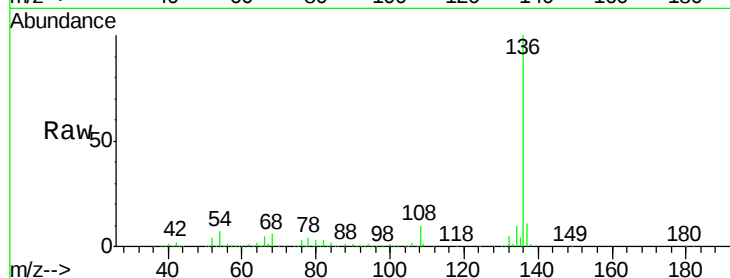
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.0 6.6 9.8

68 5.8 5.0 7.4

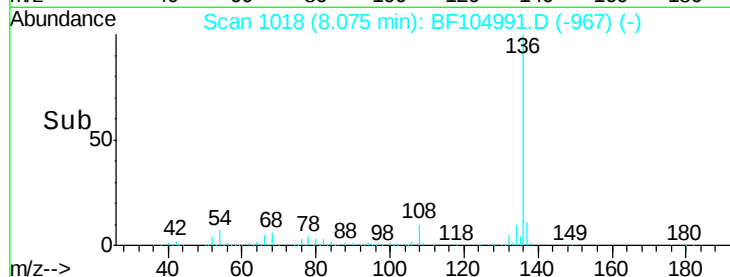


Abundance Ion 136.00 (135.70 to 136.70): E

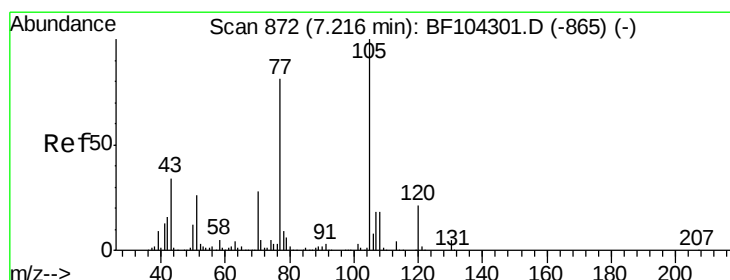
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 36.954 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Tgt Ion:105 Resp: 464795

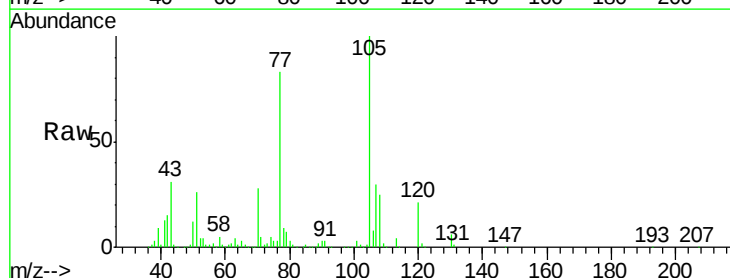
Ion Ratio Lower Upper

105 100

71 4.8 4.4 6.6

51 25.8 22.3 33.5

120 21.1 16.9 25.3

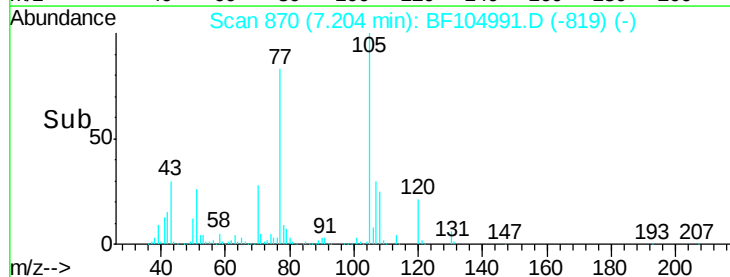


Abundance Ion 105.00 (104.70 to 105.70): E

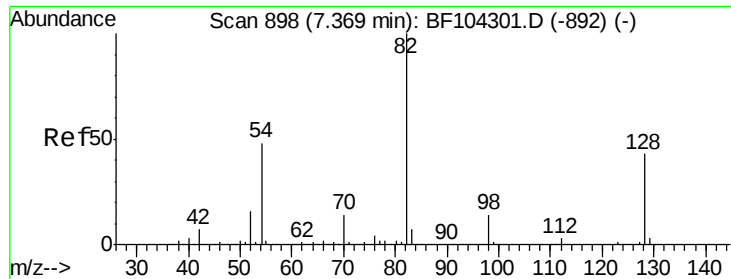
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



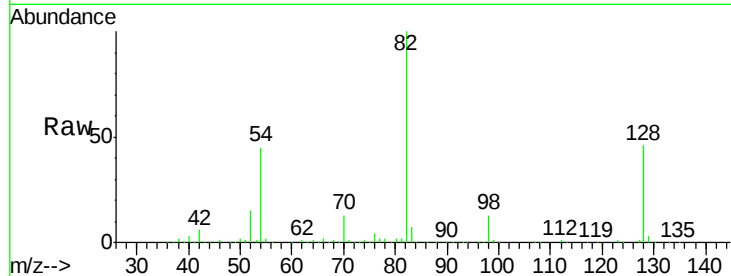
Time-->



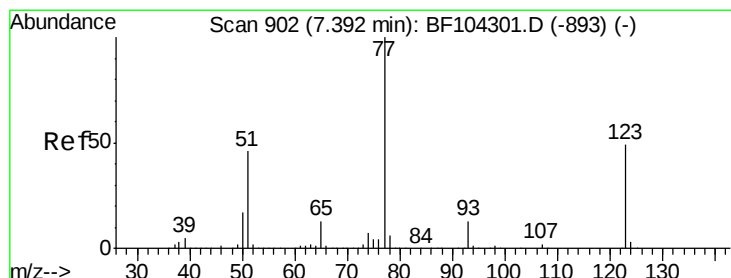
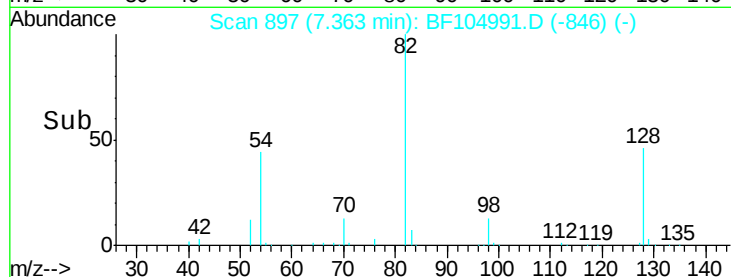
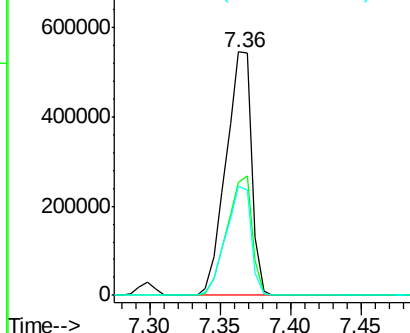
#23
Nitrobenzene-d5
Concen: 88.160 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MSD

Tgt Ion: 82 Resp: 689750
Ion Ratio Lower Upper
82 100
128 46.3 36.1 54.1
54 44.8 41.4 62.2

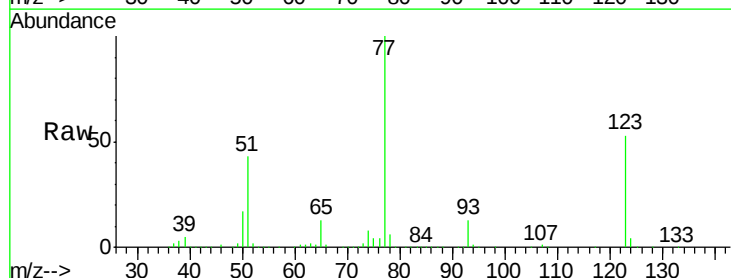


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

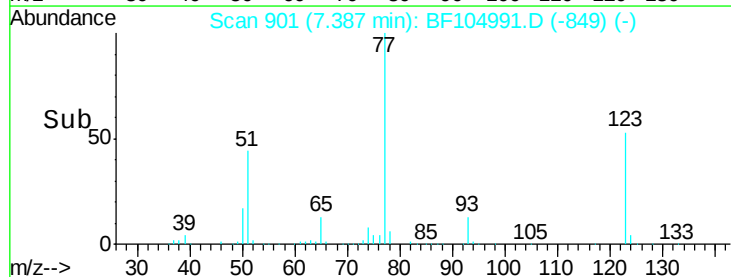
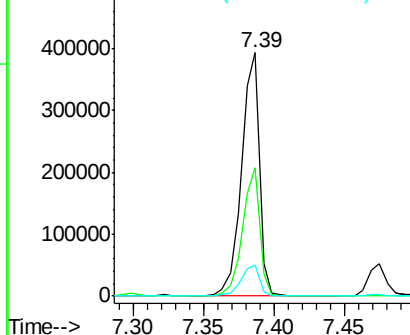


#24
Nitrobenzene
Concen: 40.059 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Tgt Ion: 77 Resp: 346028
Ion Ratio Lower Upper
77 100
123 52.9 37.9 56.9
65 12.8 11.0 16.4



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





#25

Isophorone

Concen: 38.589 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MSD

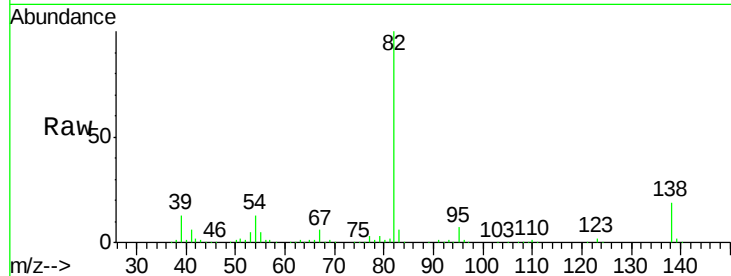
Tgt Ion: 82 Resp: 638431

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

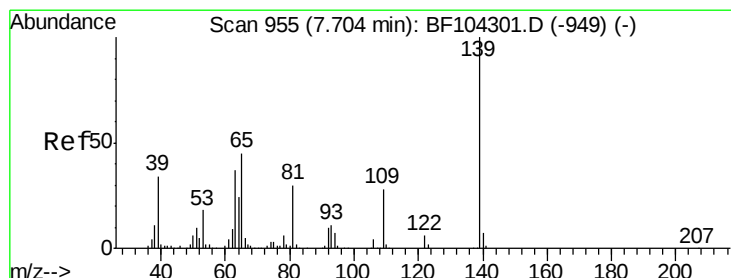
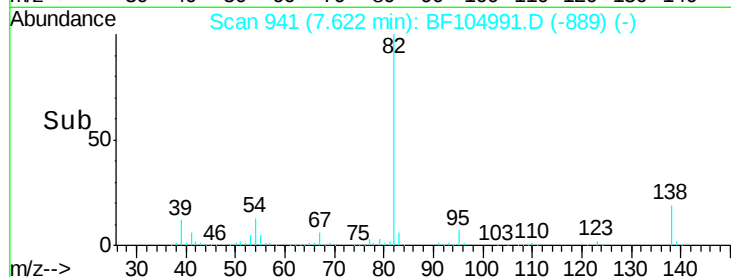
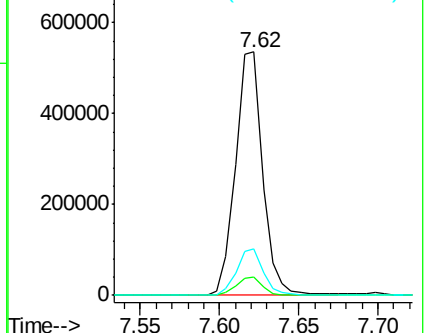
138 19.3 14.9 22.3



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: 52.637 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

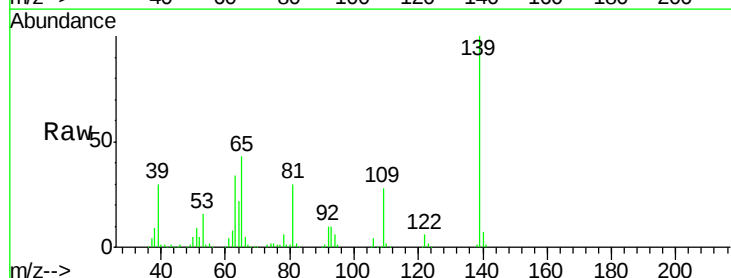
Tgt Ion: 139 Resp: 185102

Ion Ratio Lower Upper

139 100

109 27.9 22.7 34.1

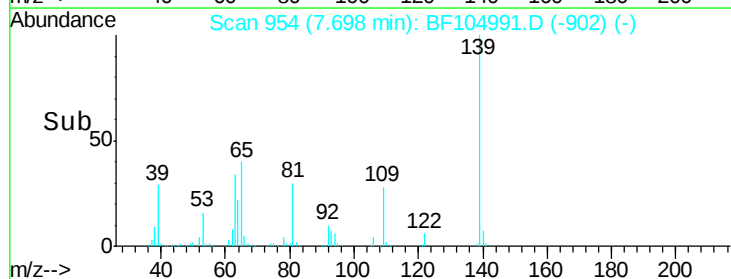
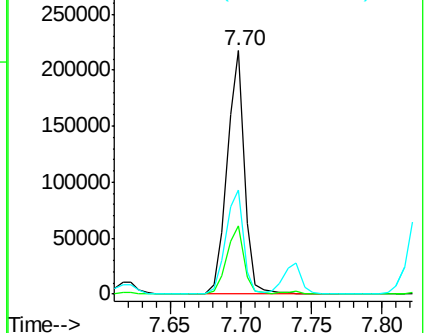
65 42.5 40.5 60.7

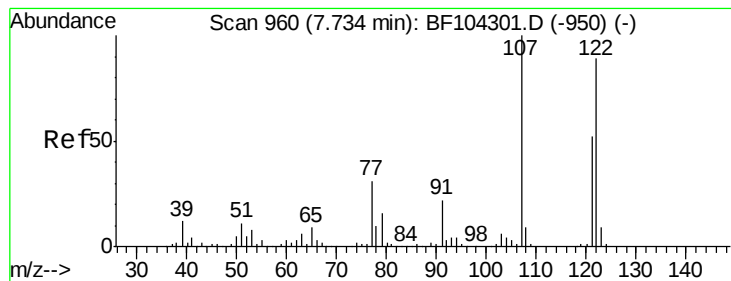


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.696 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MSD

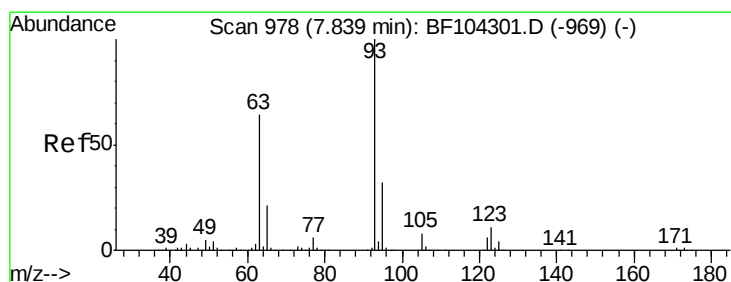
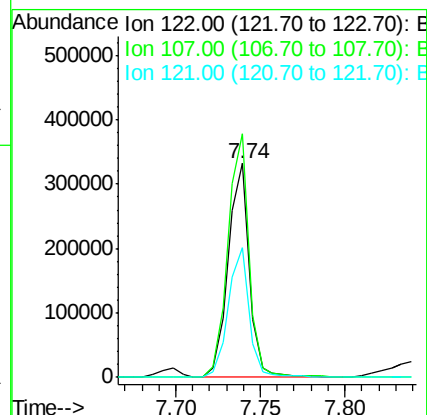
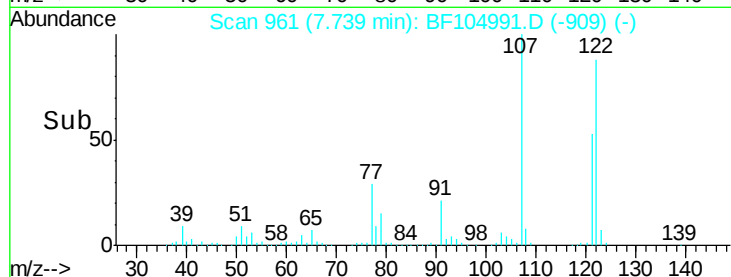
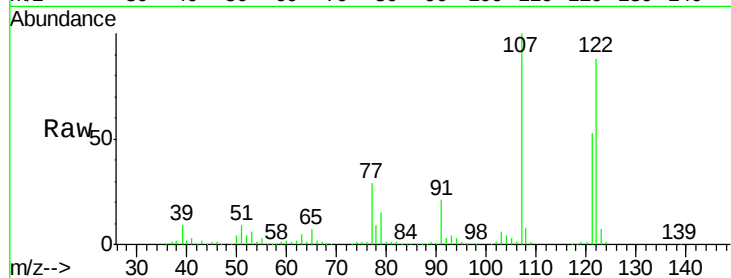
Tgt Ion:122 Resp: 289850

Ion Ratio Lower Upper

122 100

107 114.0 91.2 136.8

121 60.6 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 40.328 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

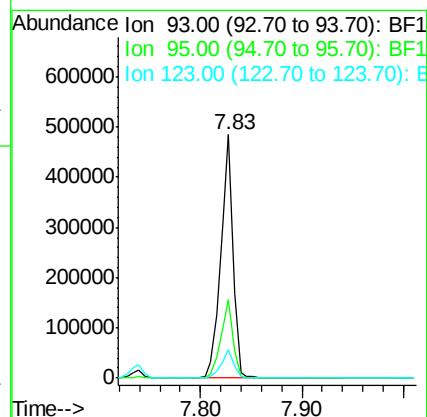
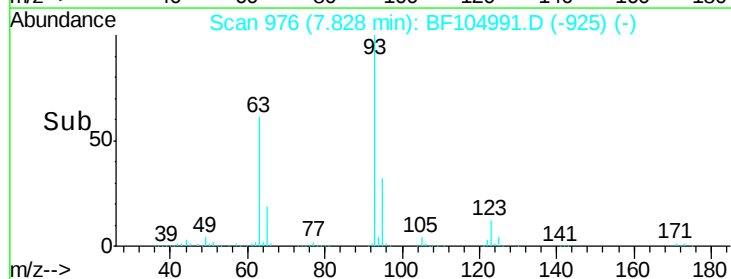
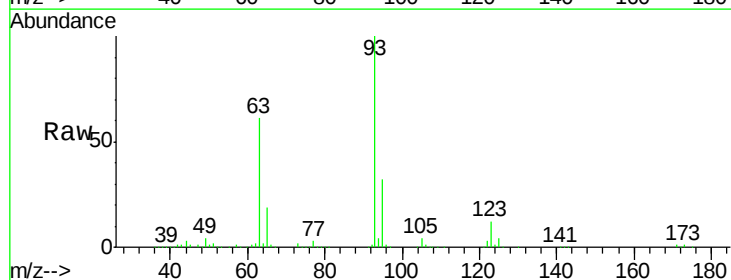
Tgt Ion: 93 Resp: 407936

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

123 11.7 9.8 14.6

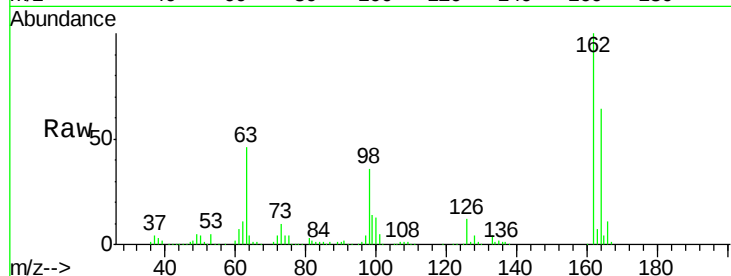




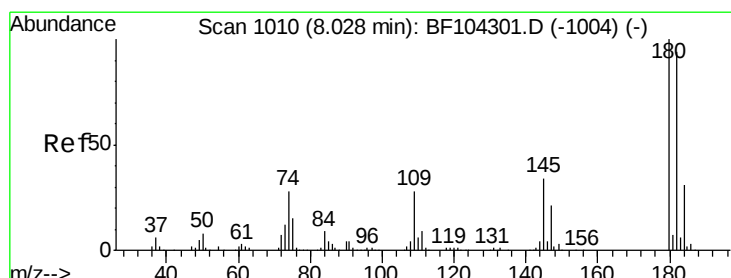
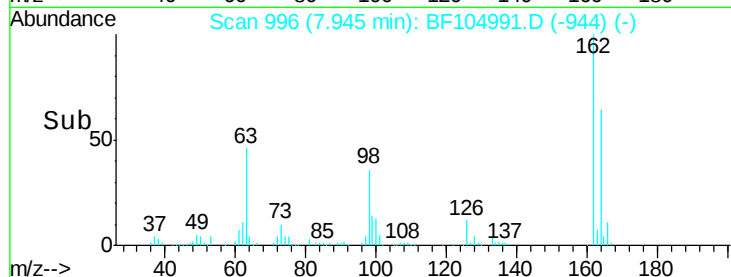
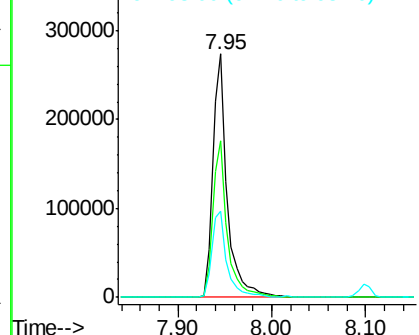
#29
2,4-Dichlorophenol
Concen: 42.279 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.7	82.7
98	35.5	18.1	58.1

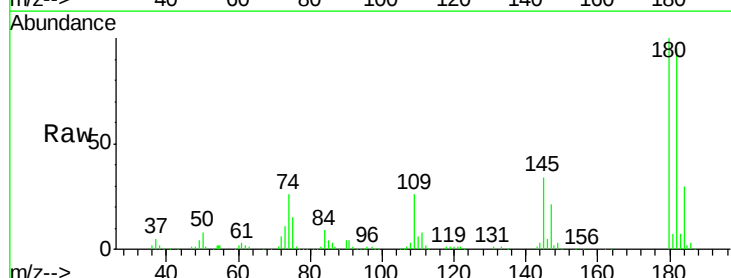


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

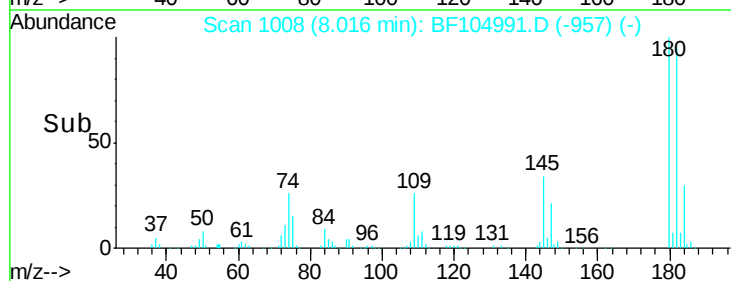
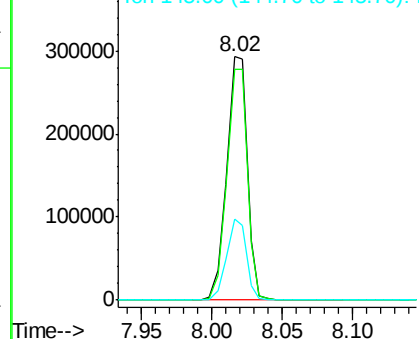


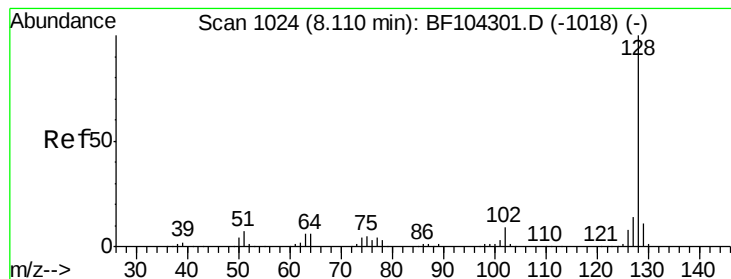
#30
1,2,4-Trichlorobenzene
Concen: 38.864 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.8	115.2
145	33.5	26.5	39.7



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: 39.539 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MSD

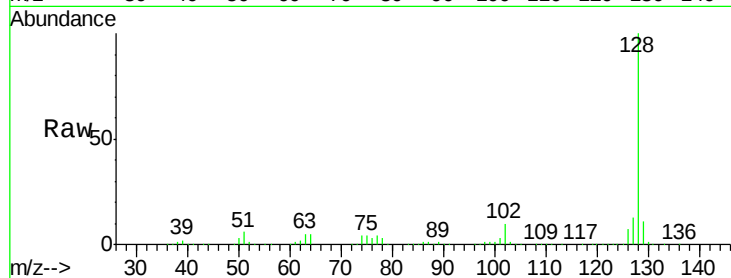
Tgt Ion:128 Resp: 1005828

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

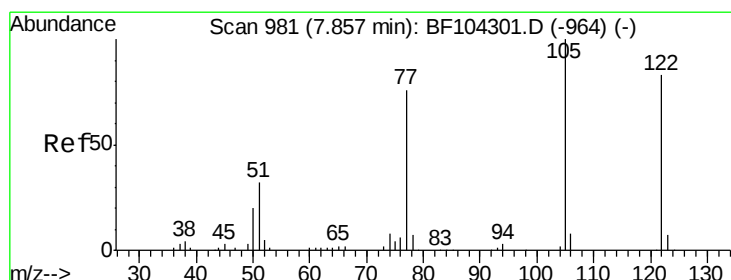
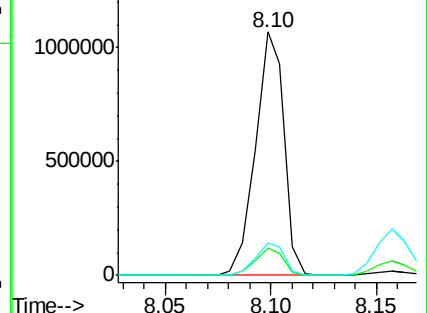
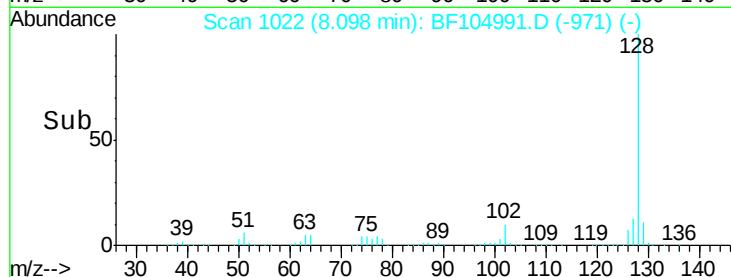
127 13.5 10.9 16.3



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: 7.422 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.05 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

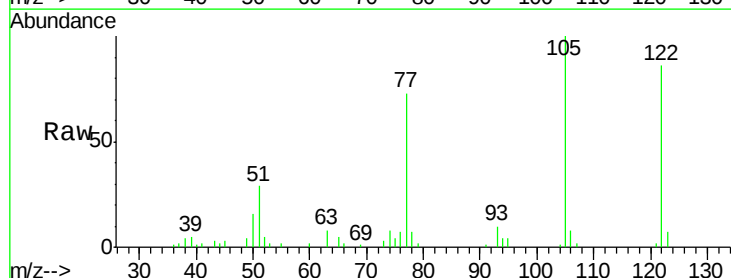
Tgt Ion:122 Resp: 43240

Ion Ratio Lower Upper

122 100

105 116.7 101.1 141.1

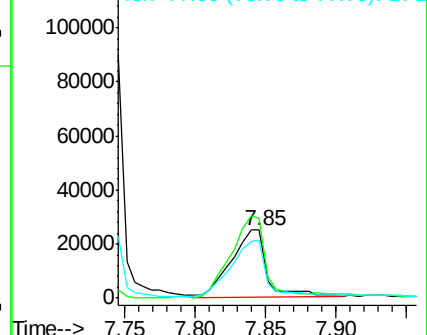
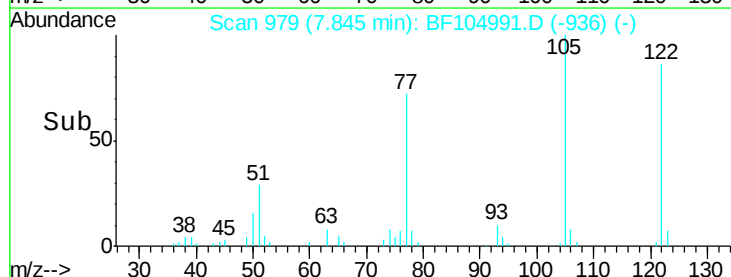
77 85.1 70.7 110.7

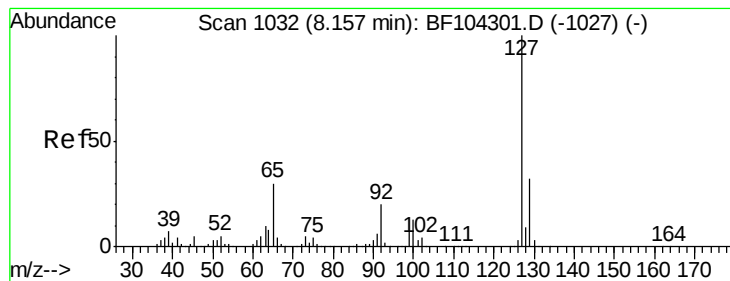


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 22.860 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MSD

Tgt Ion:127 Resp: 249135

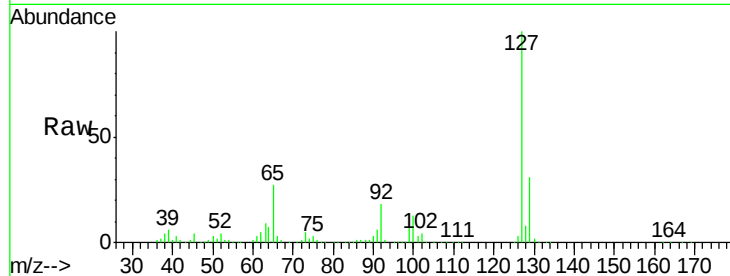
Ion Ratio Lower Upper

127 100

129 31.1 25.9 38.9

65 26.9 25.0 37.4

92 18.1 15.2 22.8

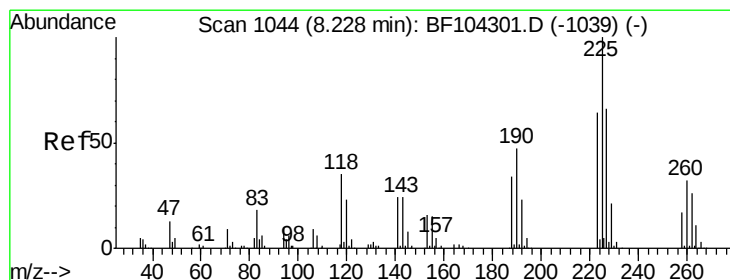
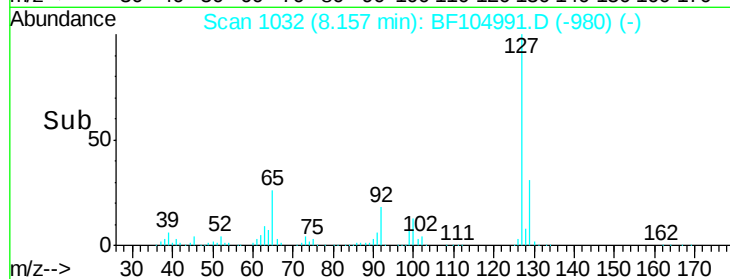
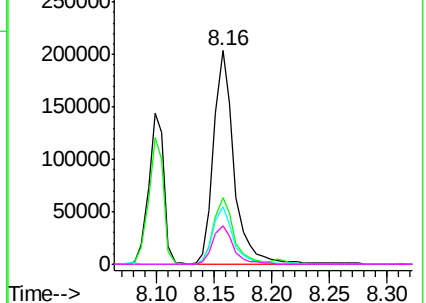


Abundance Ion 127.00 (126.70 to 127.70): E

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: 37.679 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

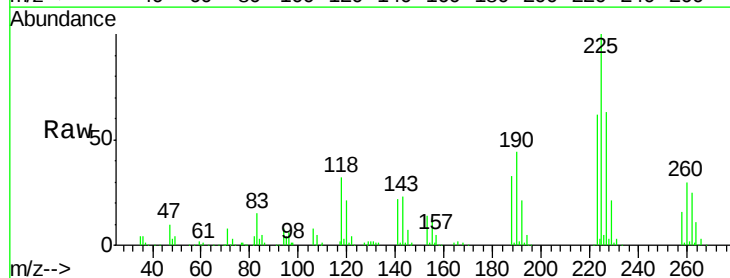
Tgt Ion:225 Resp: 157796

Ion Ratio Lower Upper

225 100

223 62.4 50.6 76.0

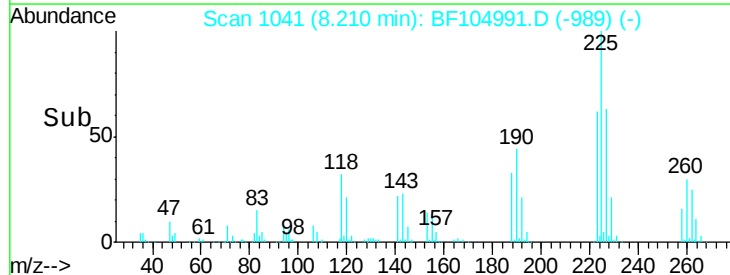
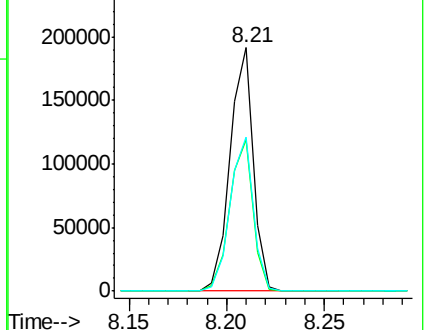
227 63.1 51.9 77.9

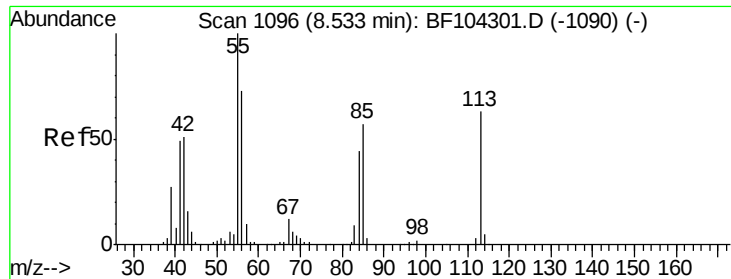


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

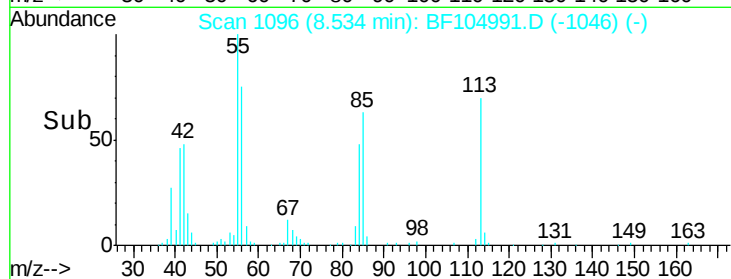
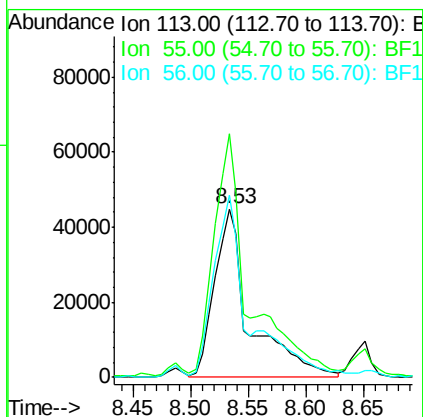
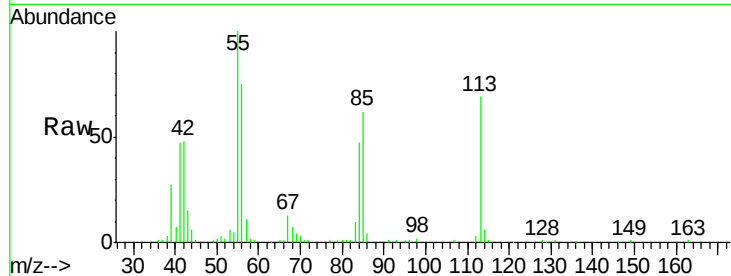




#35
 Caprolactam
 Concen: 39.403 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

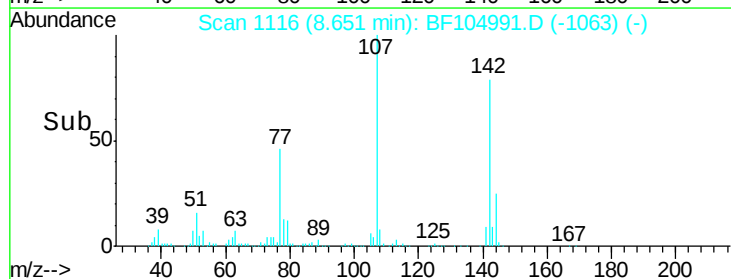
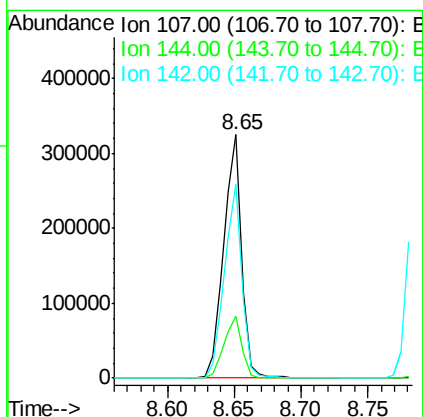
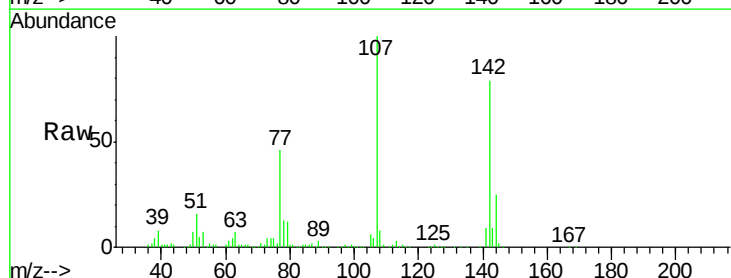
Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MSD

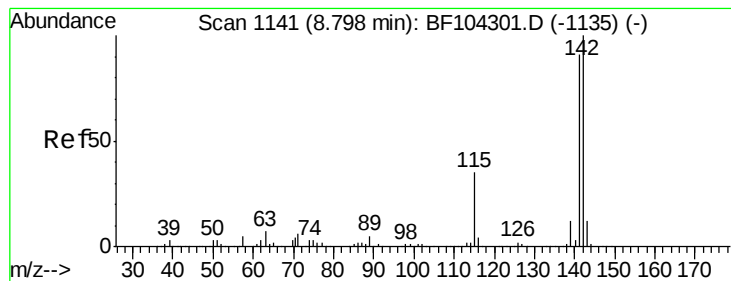
Tgt Ion:113 Resp: 95764
 Ion Ratio Lower Upper
 113 100
 55 144.5 163.3 203.3#
 56 107.9 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 41.438 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Tgt Ion:107 Resp: 309552
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.5 30.7
 142 79.5 62.0 93.0





#37

2-Methylnaphthalene

Concen: 39.987 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MSD

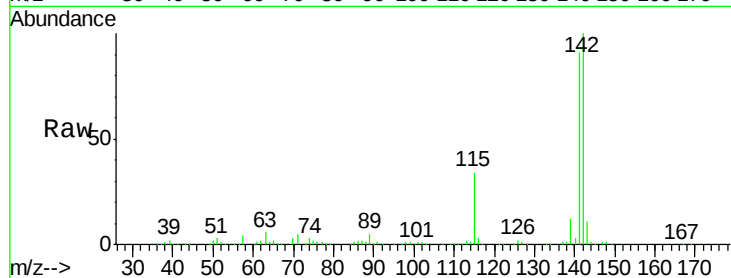
Tgt Ion:142 Resp: 657994

Ion Ratio Lower Upper

142 100

141 90.5 70.8 106.2

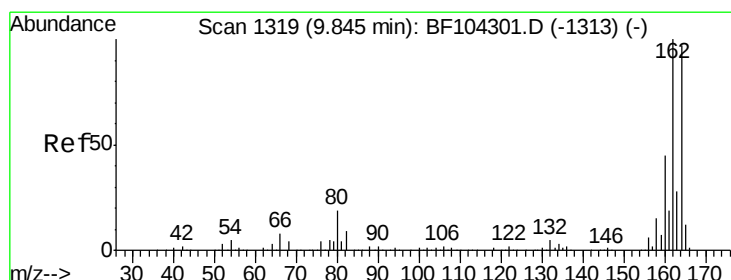
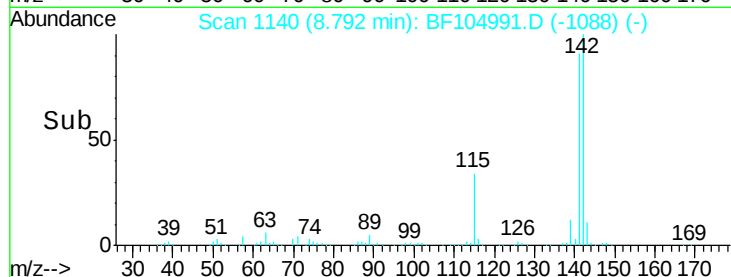
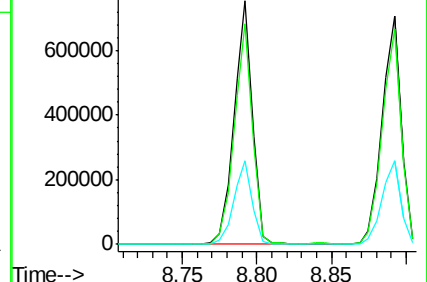
115 34.3 26.1 39.1



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

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

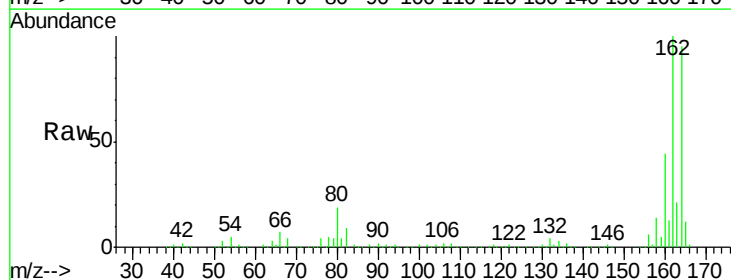
Tgt Ion:164 Resp: 232797

Ion Ratio Lower Upper

164 100

162 105.3 86.1 129.1

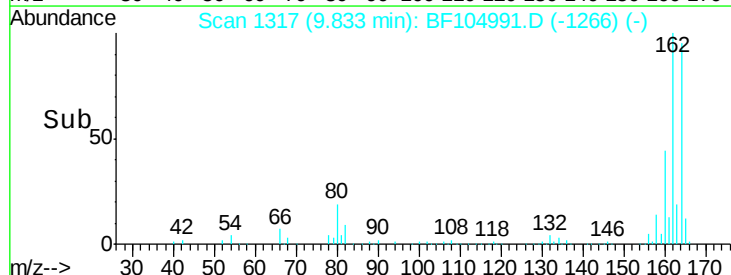
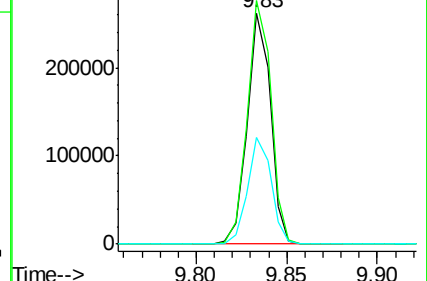
160 46.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

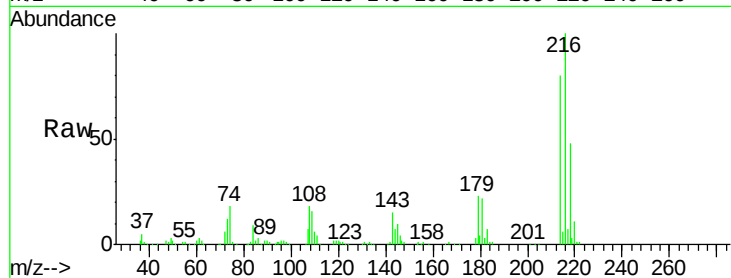




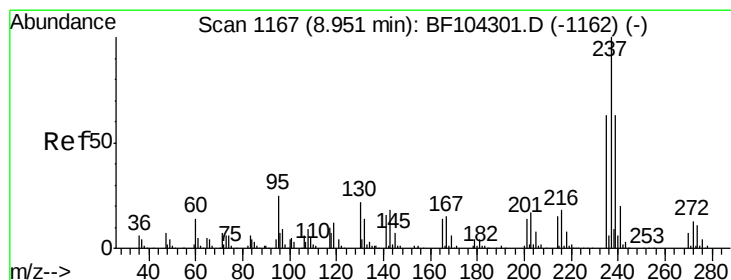
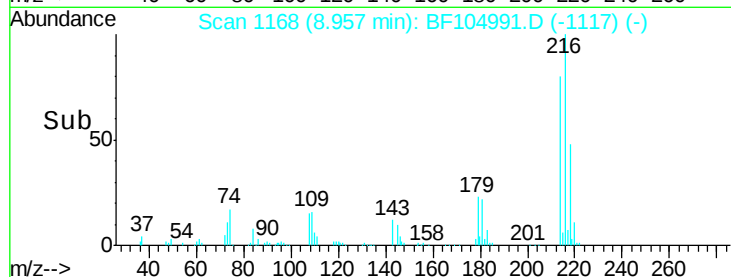
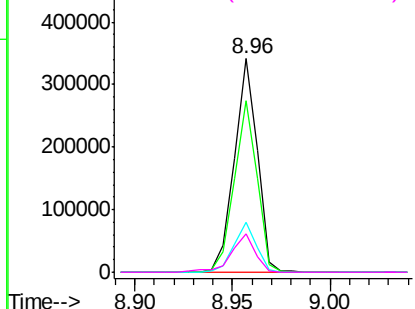
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.658 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MSD

Tgt Ion:	216	Resp:	277609
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	23.1	18.1	27.1
108	18.7	17.2	25.8

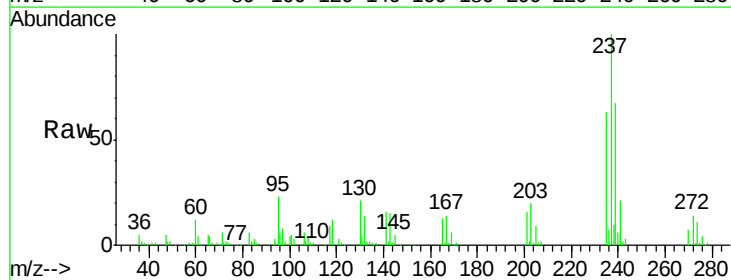


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

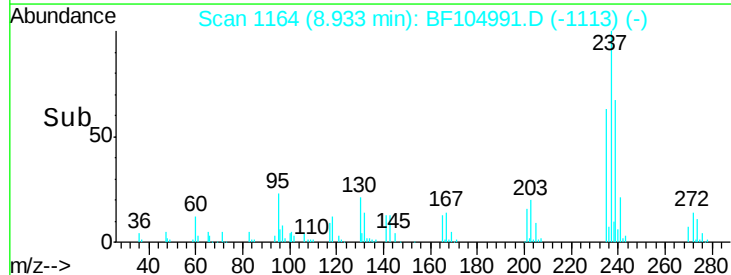
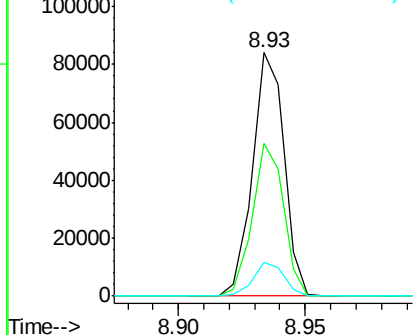


#40
 Hexachlorocyclopentadiene
 Concen: 19.607 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Tgt Ion:	237	Resp:	73148
Ion	Ratio	Lower	Upper
237	100		
235	62.6	44.8	84.8
272	13.8	0.0	33.3



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





#41

2,4,6-Tribromophenol

Concen: 106.528 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MSD

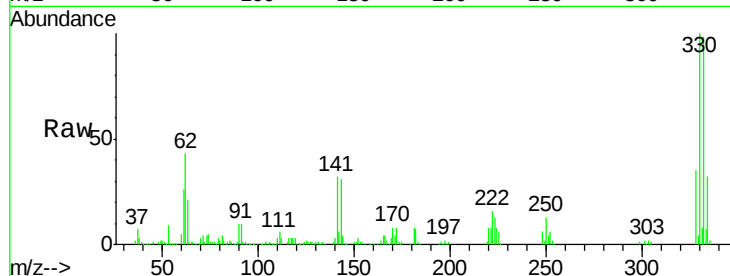
Tgt Ion:330 Resp: 257251

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

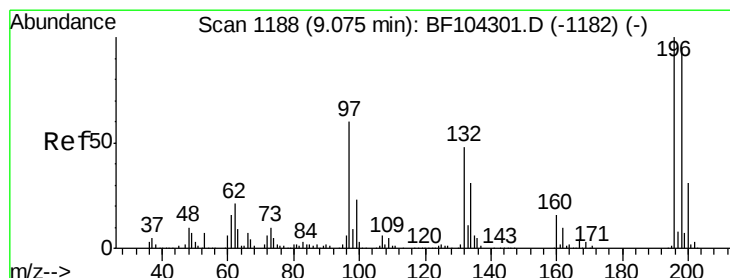
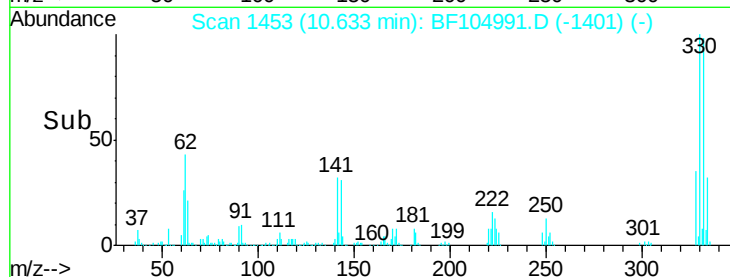
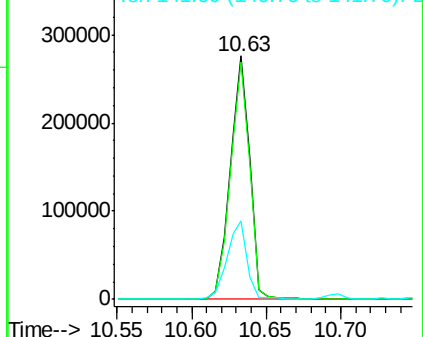
141 33.4 29.9 44.9



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



#42

2,4,6-Trichlorophenol

Concen: 41.980 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

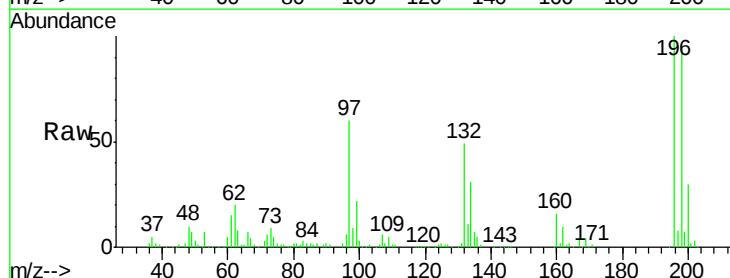
Tgt Ion:196 Resp: 194199

Ion Ratio Lower Upper

196 100

198 95.7 75.7 113.5

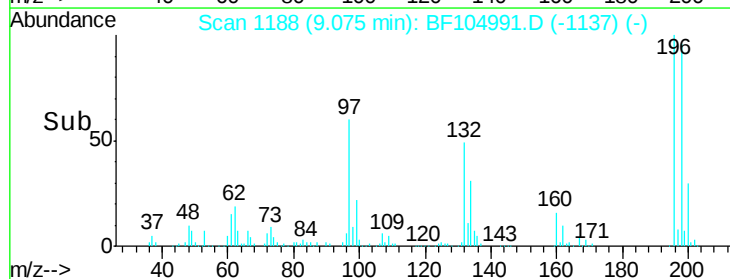
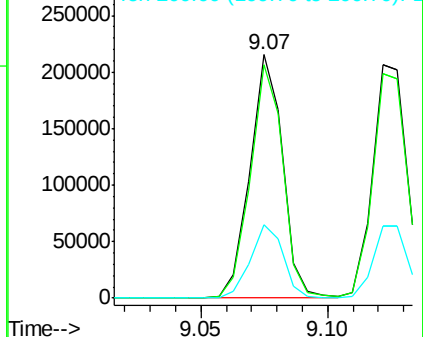
200 30.2 24.5 36.7

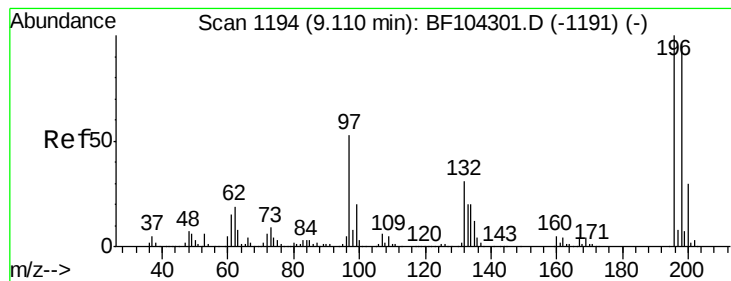


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#43

2,4,5-Trichlorophenol

Concen: 39.423 ng

RT: 9.12 min Scan# 1196

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MSD

Tgt Ion:196 Resp: 204080

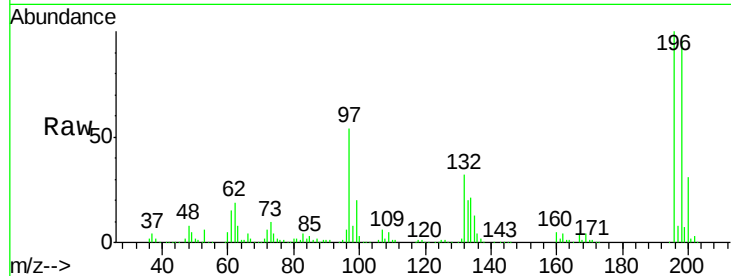
Ion Ratio Lower Upper

196 100

198 96.3 74.6 112.0

97 54.4 42.9 64.3

132 31.8 26.3 39.5

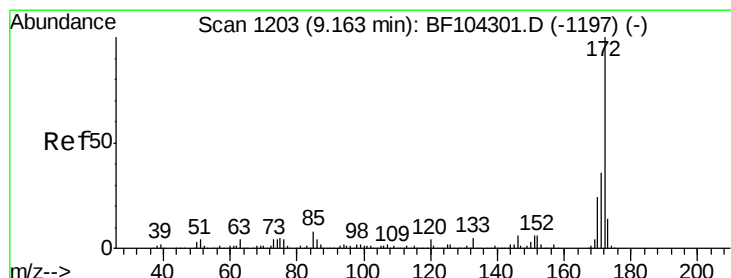
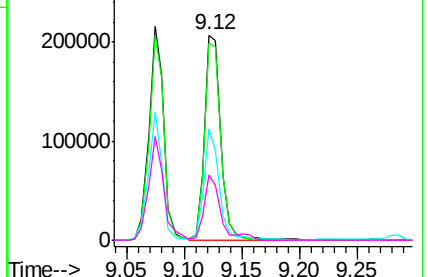
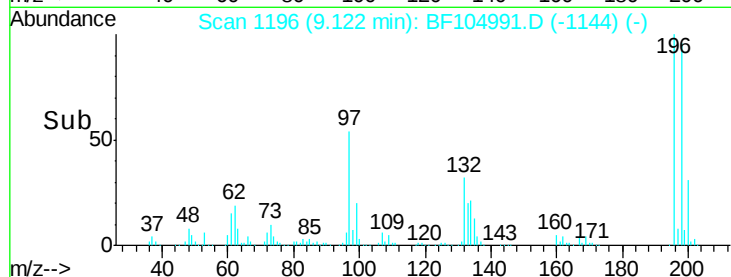


Abundance Ion 196.00 (195.70 to 196.70): E

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



#44

2-Fluorobiphenyl

Concen: 79.830 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

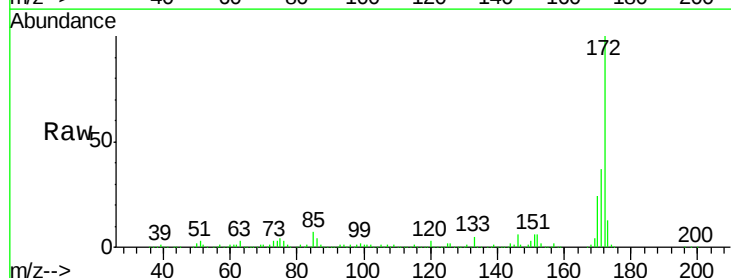
Tgt Ion:172 Resp: 1176393

Ion Ratio Lower Upper

172 100

171 36.8 29.7 44.5

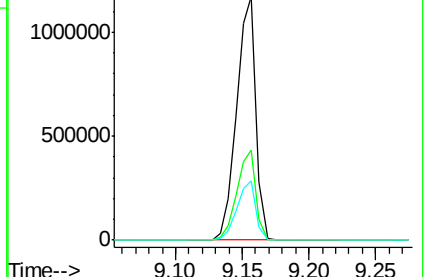
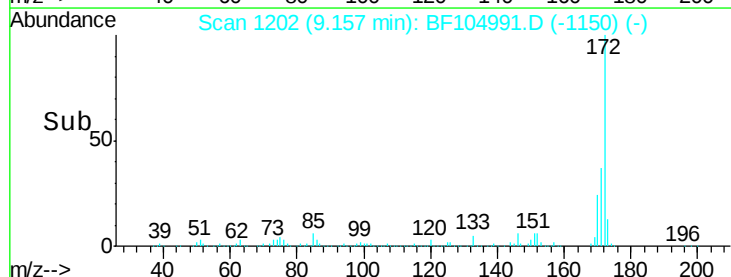
170 24.1 19.6 29.4

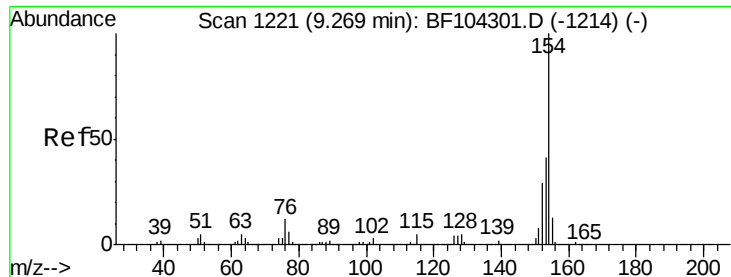


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

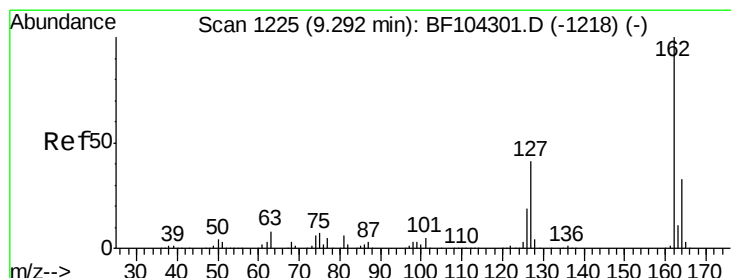
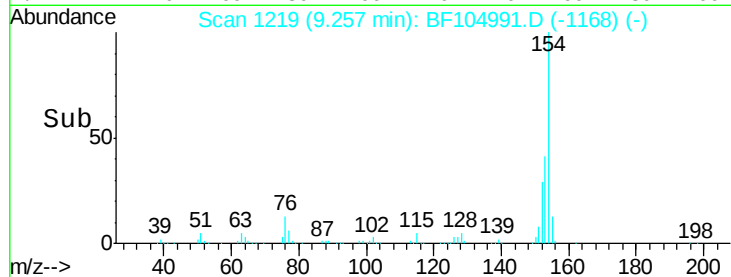
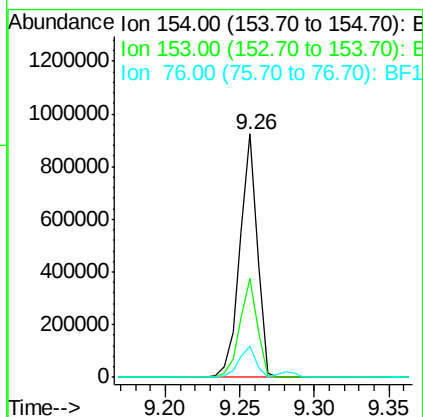
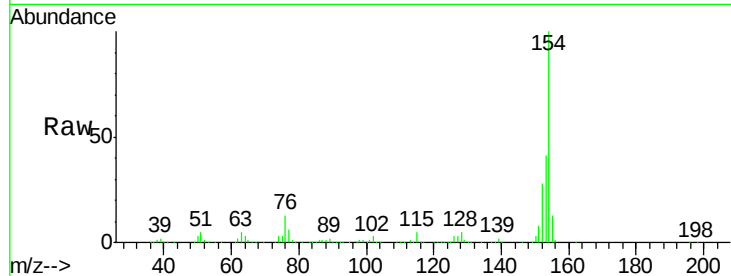




#45
 1,1'-Biphenyl
 Concen: 38.483 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

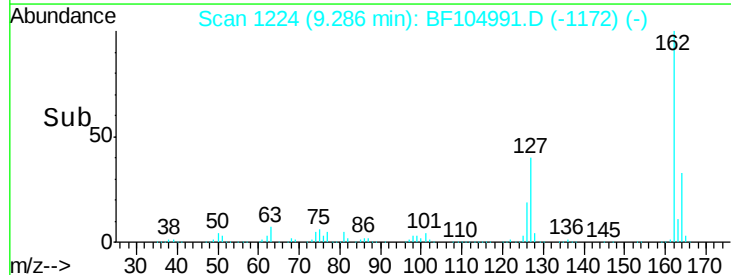
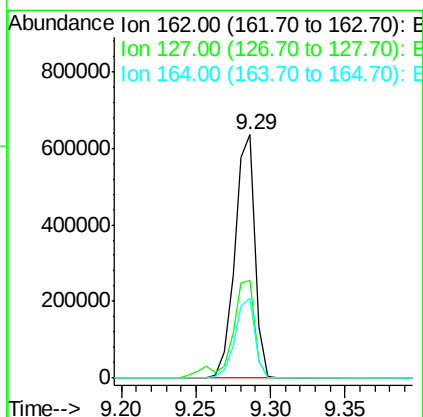
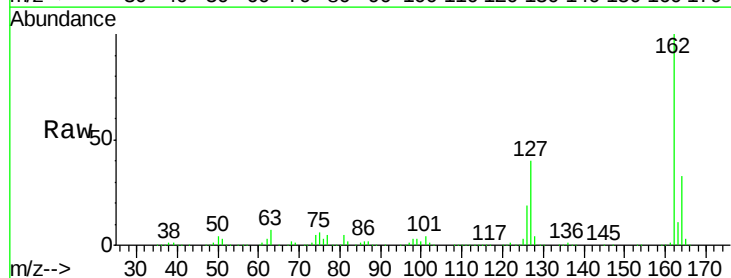
Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MSD

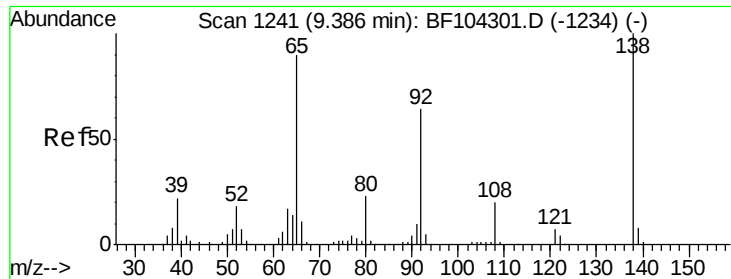
Tgt Ion:154 Resp: 752591
 Ion Ratio Lower Upper
 154 100
 153 40.6 21.3 61.3
 76 12.7 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 38.809 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Tgt Ion:162 Resp: 599496
 Ion Ratio Lower Upper
 162 100
 127 40.1 33.9 50.9
 164 32.7 26.5 39.7

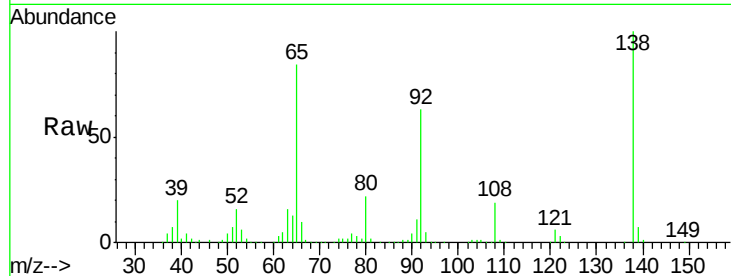




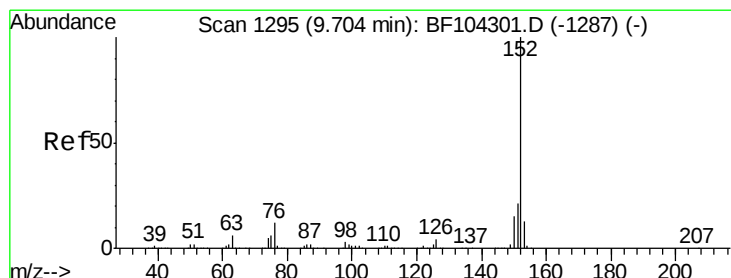
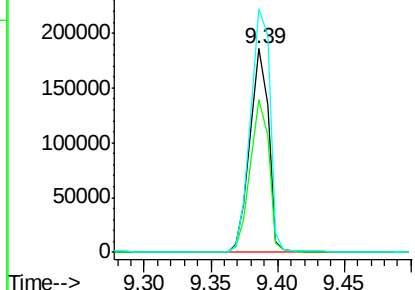
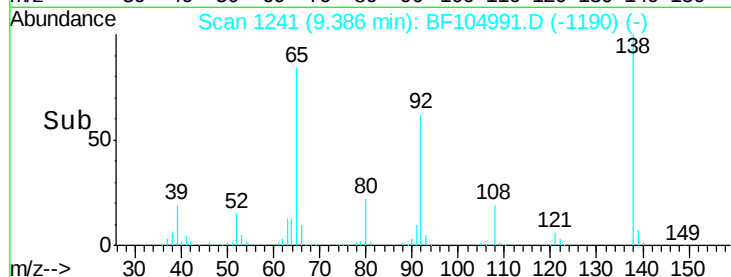
#47
2-Nitroaniline
Concen: 46.736 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MSD

Tgt Ion: 65 Resp: 178536
Ion Ratio Lower Upper
65 100
92 74.9 55.8 83.6
138 119.6 91.2 136.8

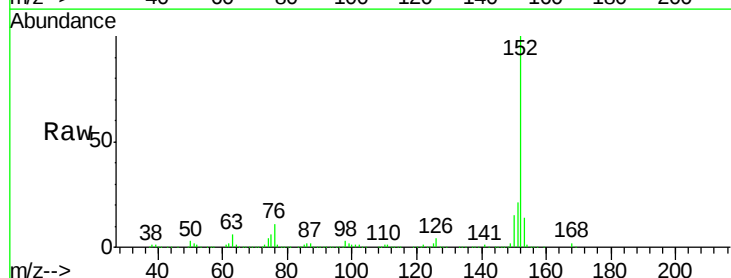


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

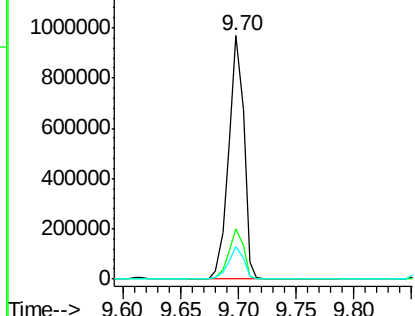
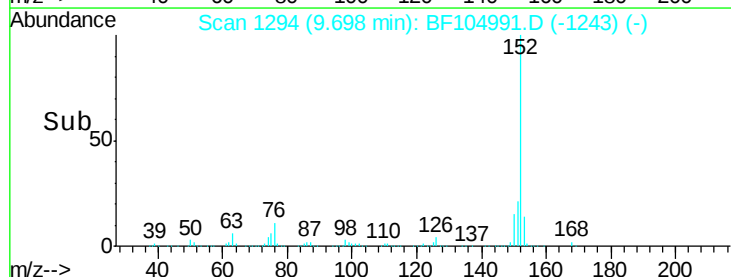


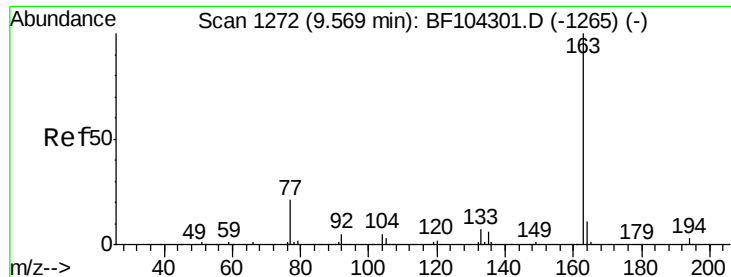
#48
Acenaphthylene
Concen: 36.393 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Tgt Ion: 152 Resp: 882029
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 13.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

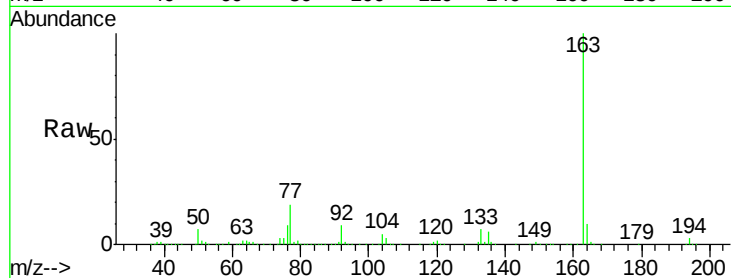




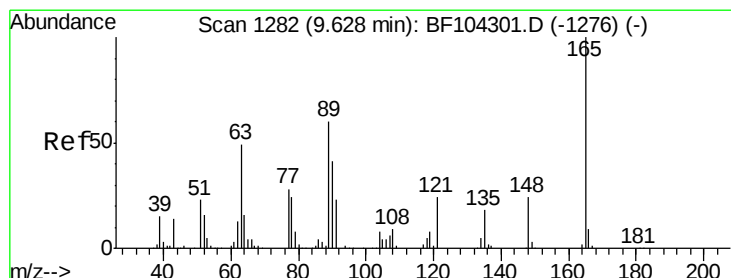
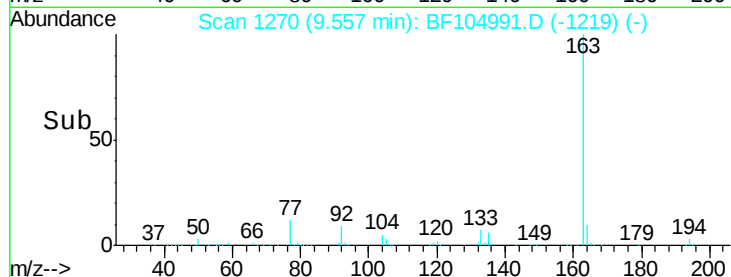
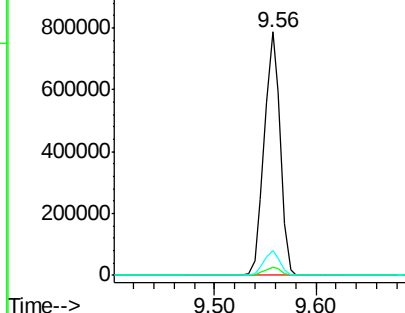
#49
Dimethylphthalate
Concen: 46.767 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MSD

Tgt Ion:163 Resp: 858545
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.4 8.2 12.2

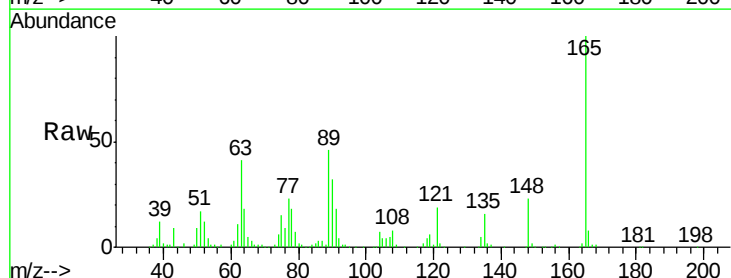


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

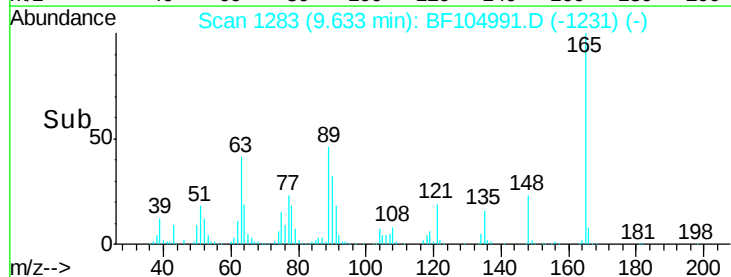
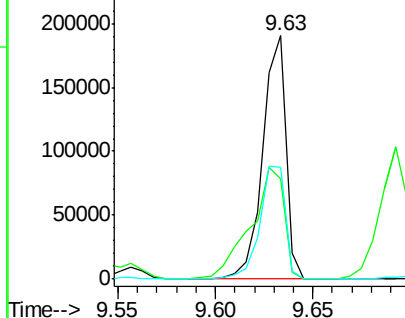


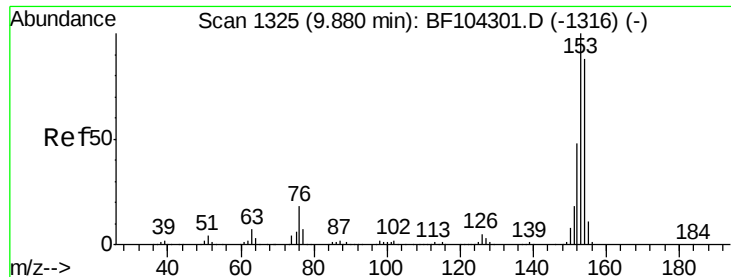
#50
2,6-Dinitrotoluene
Concen: 46.197 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Tgt Ion:165 Resp: 156926
Ion Ratio Lower Upper
165 100
63 41.4 44.7 67.1#
89 45.8 44.0 66.0



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





#51

Acenaphthene

Concen: 38.636 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MSD

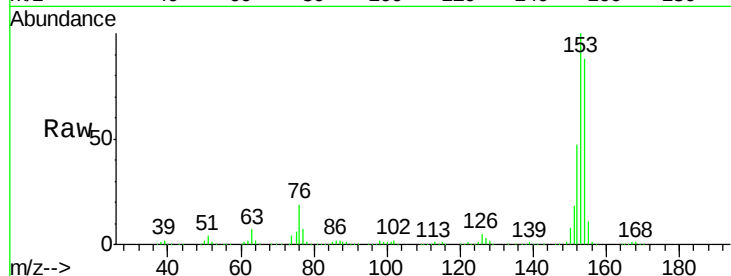
Tgt Ion:154 Resp: 571325

Ion Ratio Lower Upper

154 100

153 113.7 91.2 136.8

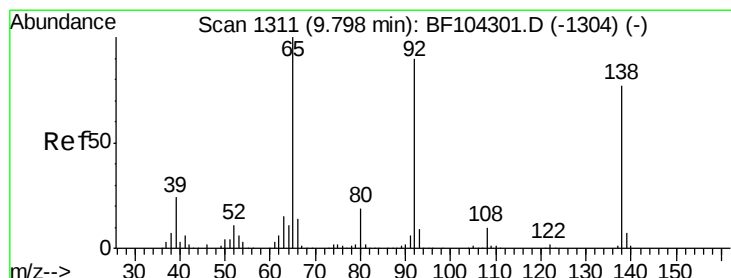
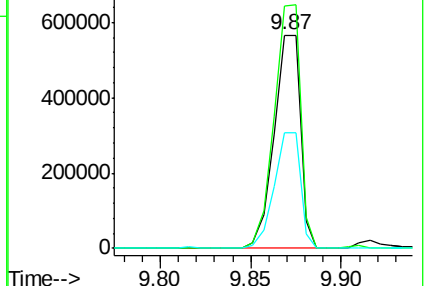
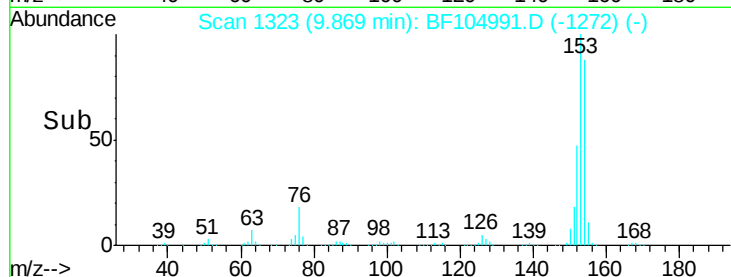
152 54.0 43.8 65.8



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



#52

3-Nitroaniline

Concen: 35.353 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

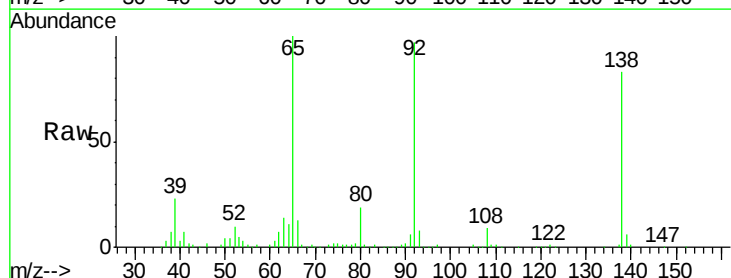
Tgt Ion:138 Resp: 140591

Ion Ratio Lower Upper

138 100

108 11.2 9.4 14.0

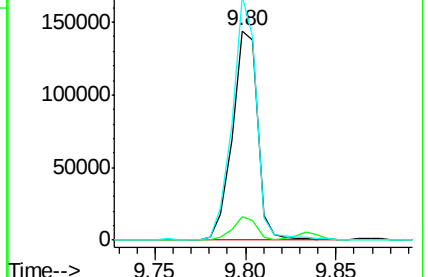
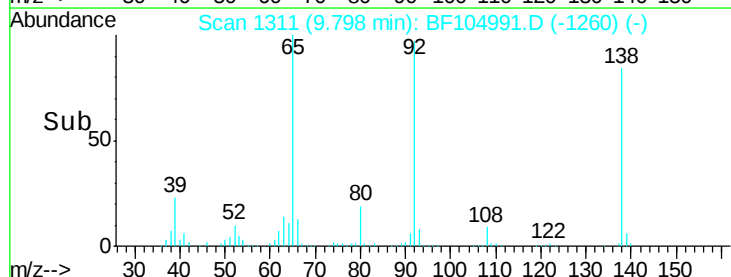
92 116.4 89.4 134.2

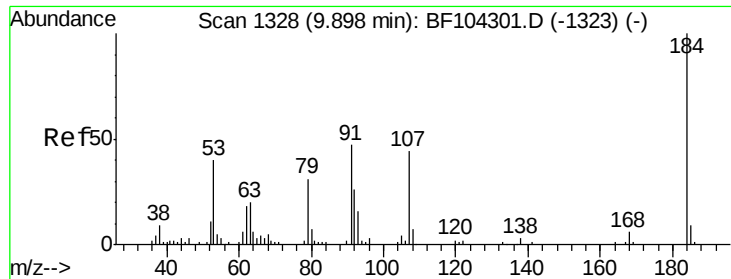


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

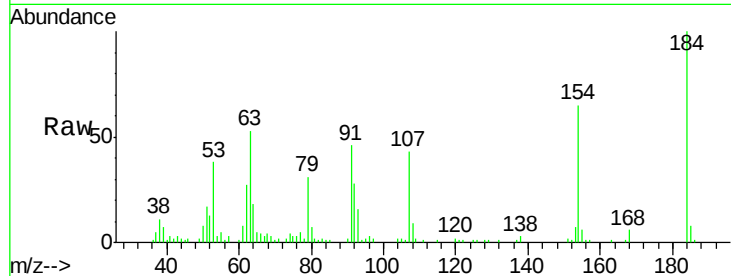




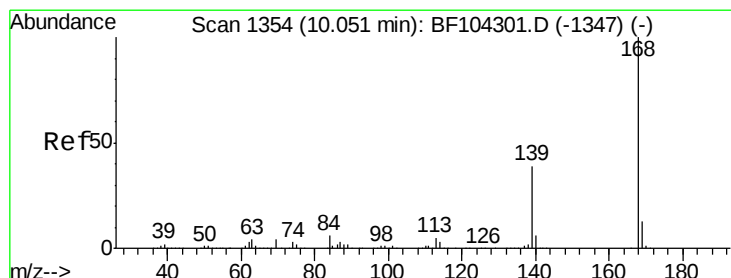
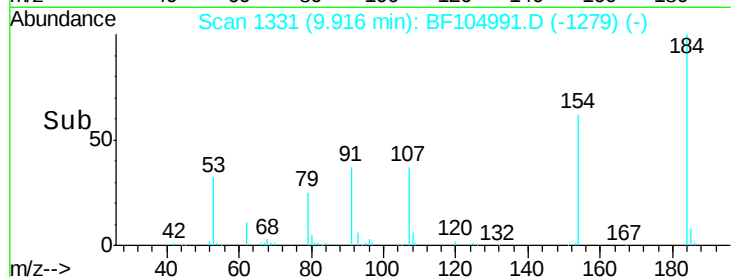
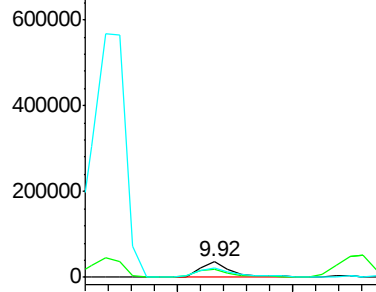
#53
 2,4-Dinitrophenol
 Concen: 35.735 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MSD

Tgt Ion:184 Resp: 35425
 Ion Ratio Lower Upper
 184 100
 63 52.8 54.2 81.2#
 154 65.2 184.0 276.0#

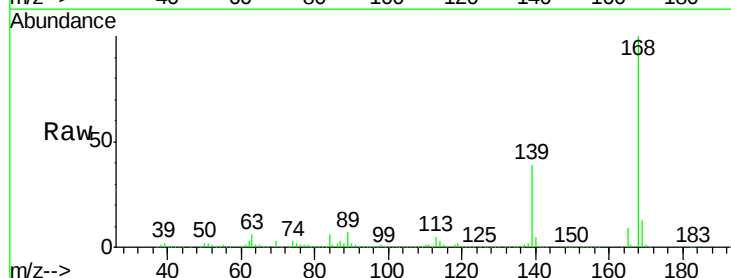


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

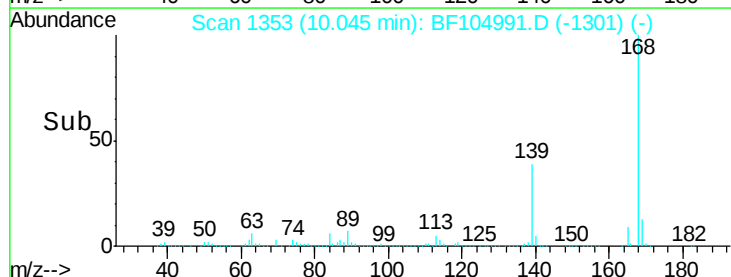
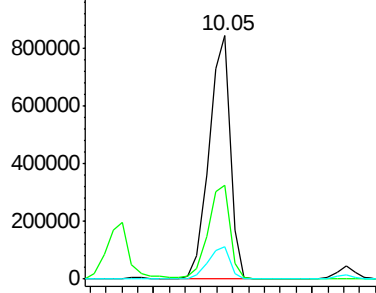


#54
 Dibenzofuran
 Concen: 37.825 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.01 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Tgt Ion:168 Resp: 779486
 Ion Ratio Lower Upper
 168 100
 139 38.7 30.1 45.1
 169 13.1 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

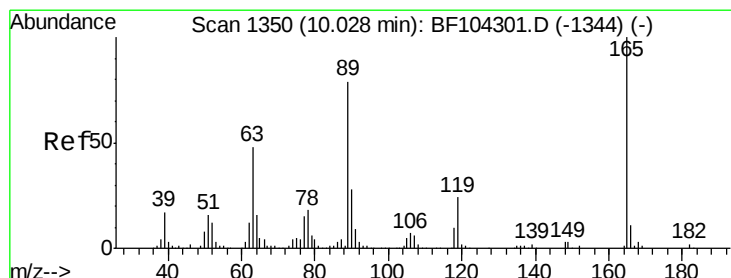
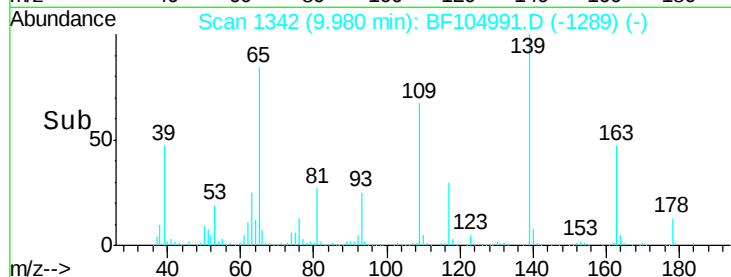
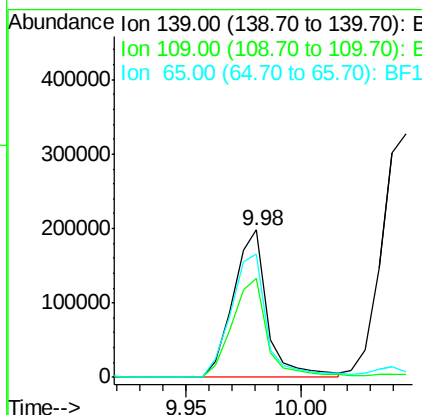
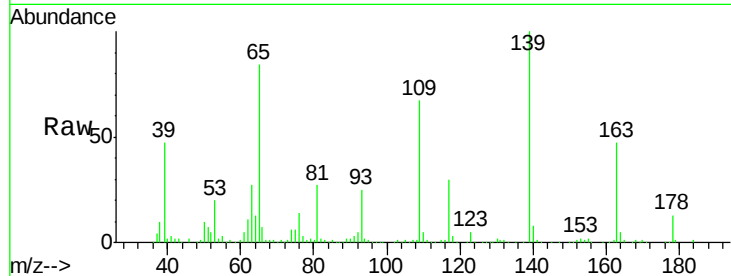




#55
4-Nitrophenol
Concen: 65.432 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

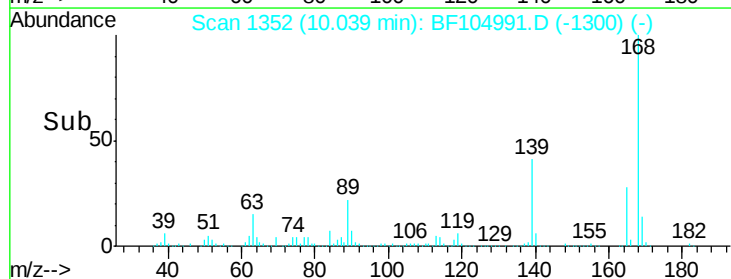
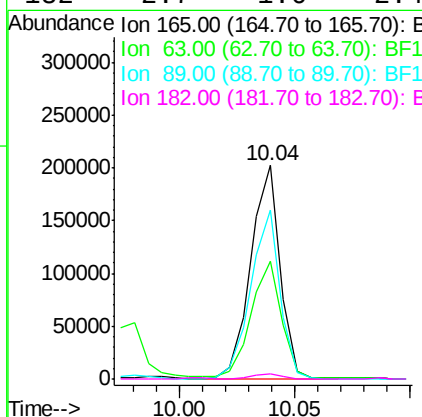
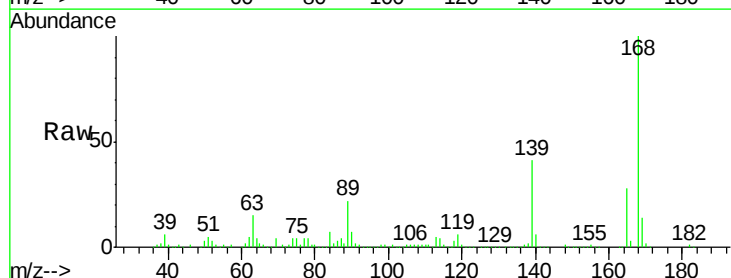
Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MSD

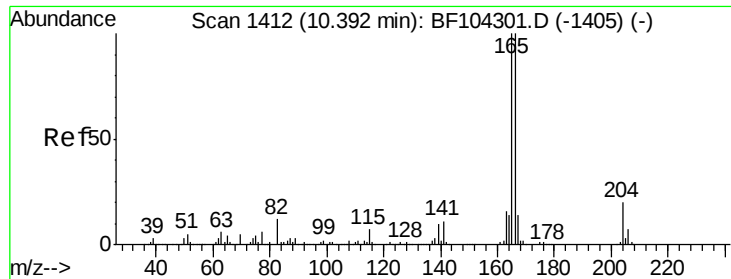
Tgt Ion:139 Resp: 204401
Ion Ratio Lower Upper
139 100
109 66.9 48.4 88.4
65 83.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 40.251 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Tgt Ion:165 Resp: 179349
Ion Ratio Lower Upper
165 100
63 55.4 36.4 54.6#
89 79.2 57.8 86.6
182 2.7 1.6 2.4#





#57

Fluorene

Concen: 42.902 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MSD

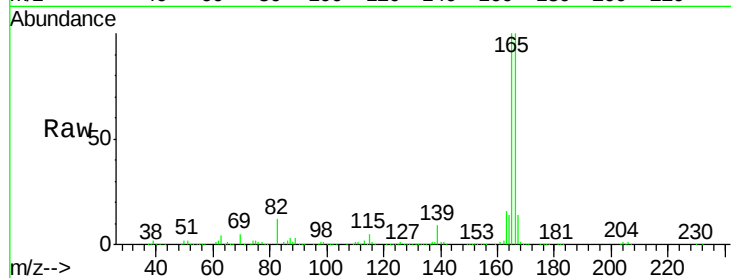
Tgt Ion:166 Resp: 643526

Ion Ratio Lower Upper

166 100

165 100.4 79.8 119.8

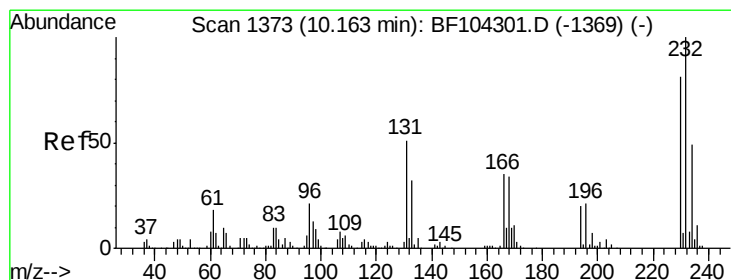
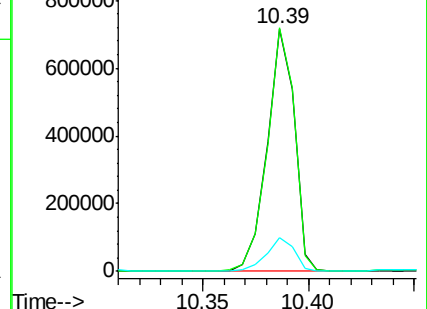
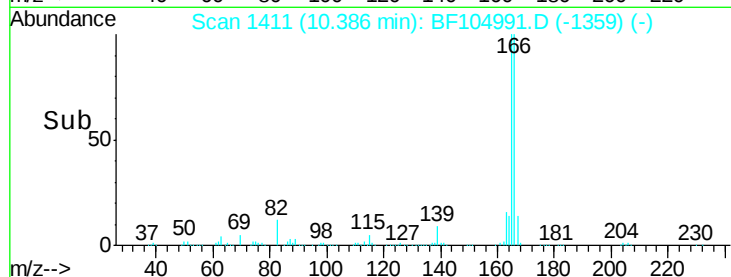
167 13.9 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.119 ng

RT: 10.16 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Tgt Ion:232 Resp: 151080

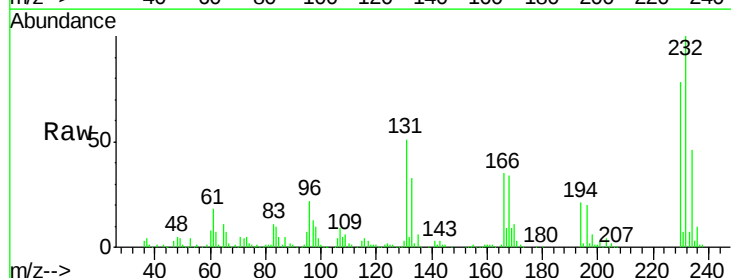
Ion Ratio Lower Upper

232 100

131 47.2 43.8 65.8

130 2.7 2.1 3.1

166 33.2 27.8 41.6

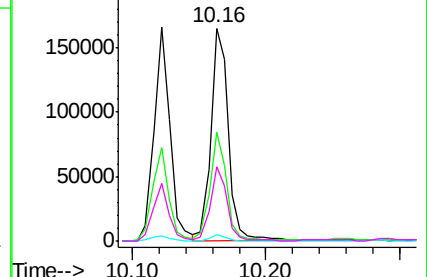
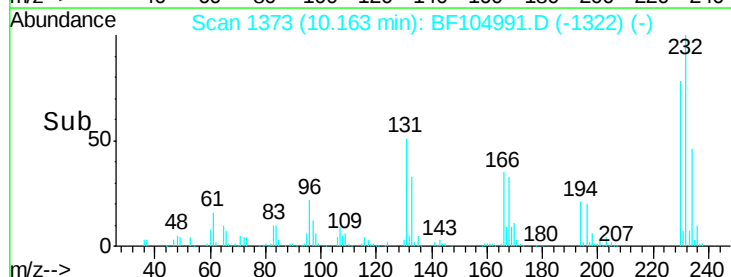


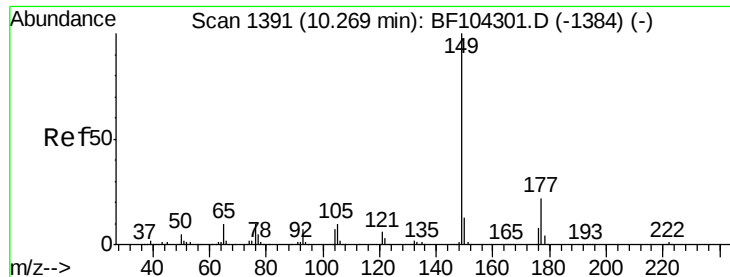
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.154 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MSD

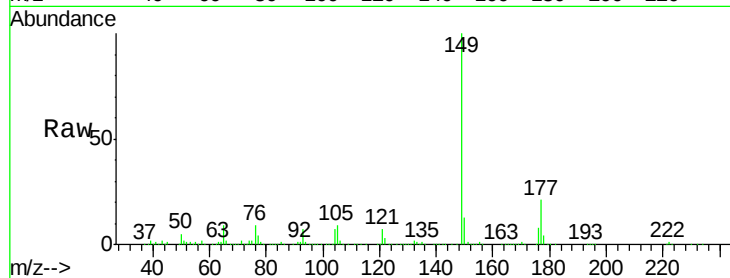
Tgt Ion:149 Resp: 679302

Ion Ratio Lower Upper

149 100

177 21.2 16.1 24.1

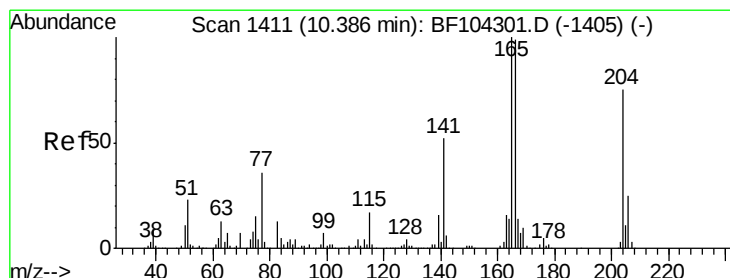
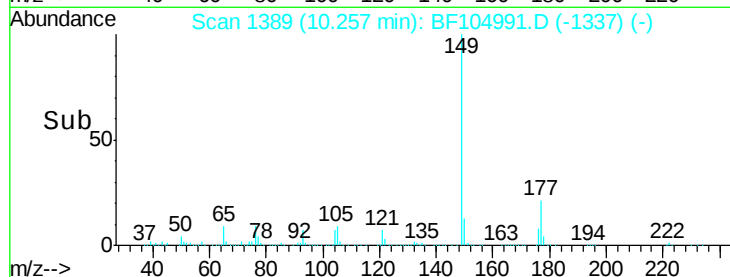
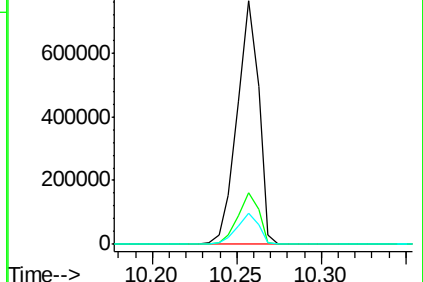
150 12.7 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.753 ng

RT: 10.37 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

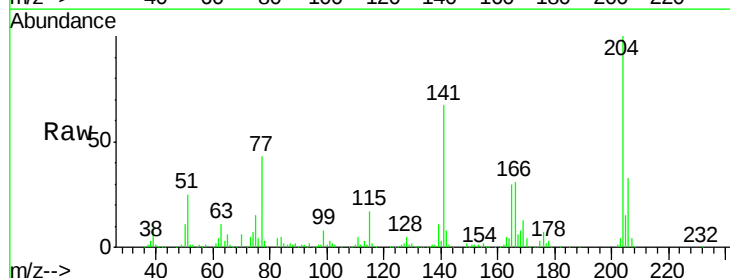
Tgt Ion:204 Resp: 278913

Ion Ratio Lower Upper

204 100

206 32.9 26.5 39.7

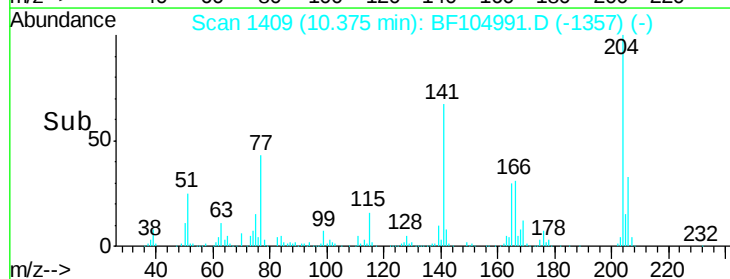
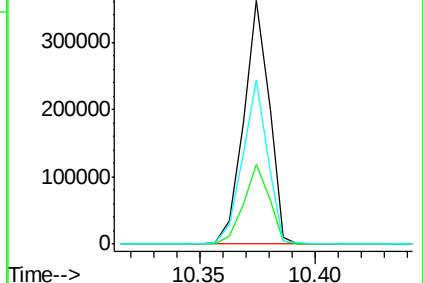
141 67.5 54.6 81.8

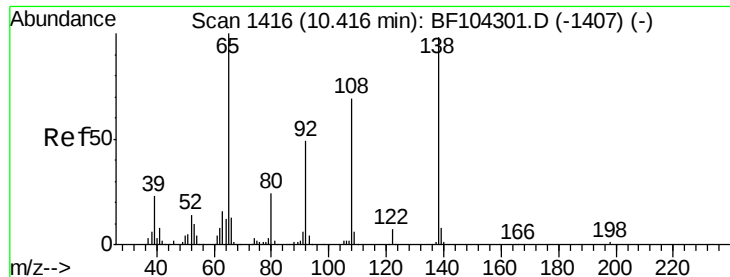


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

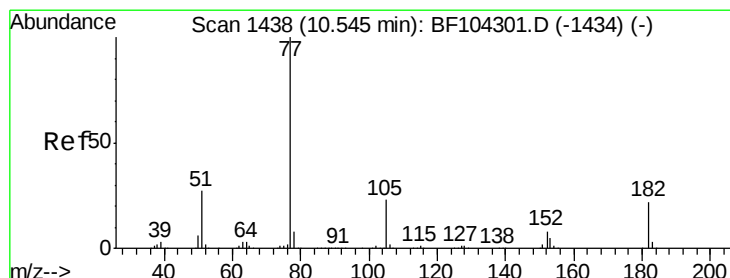
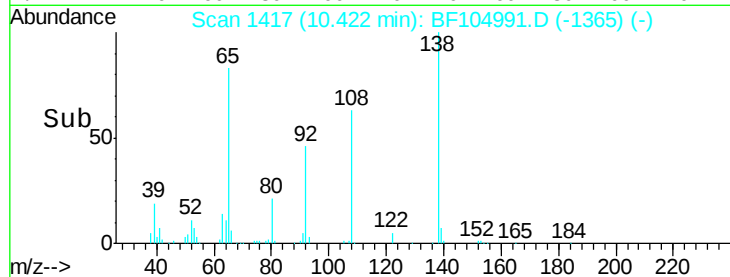
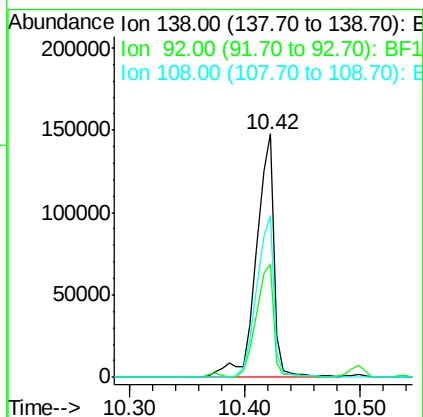
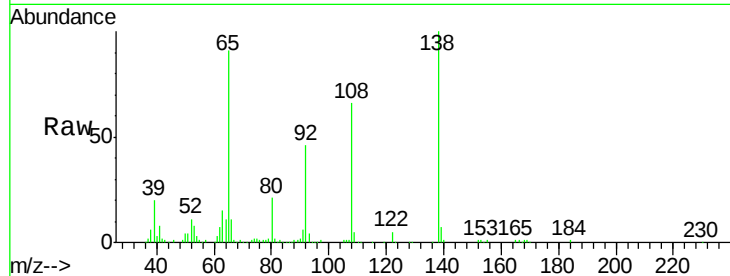




#61
4-Nitroaniline
Concen: 41.148 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

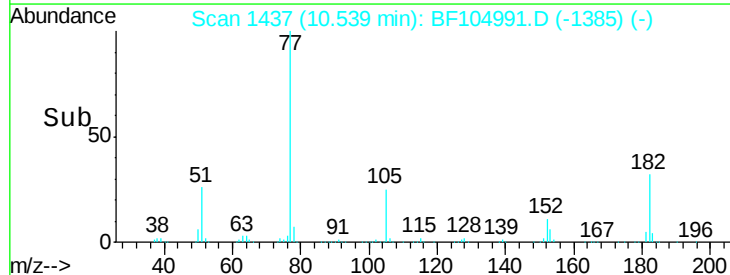
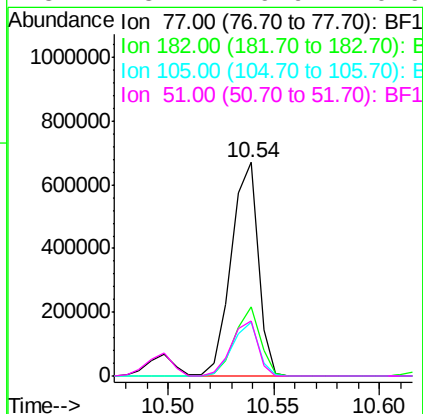
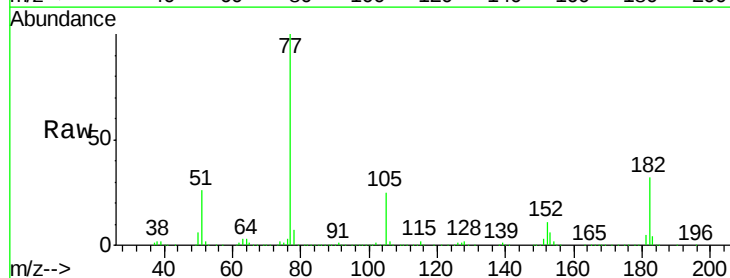
Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MSD

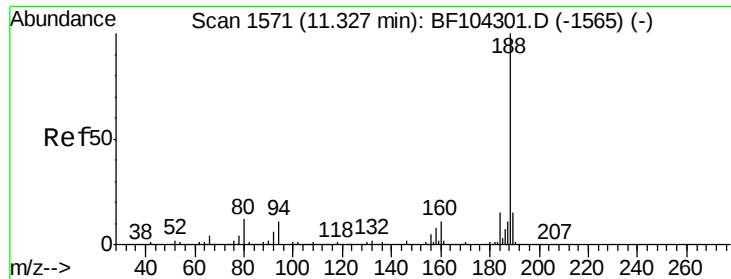
Tgt Ion: 138 Resp: 160001
Ion Ratio Lower Upper
138 100
92 46.4 30.2 70.2
108 66.3 52.5 92.5



#62
Azobenzene
Concen: 33.640 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Tgt Ion: 77 Resp: 587611
Ion Ratio Lower Upper
77 100
182 32.4 1.7 41.7
105 25.0 3.0 43.0
51 25.7 9.9 49.9

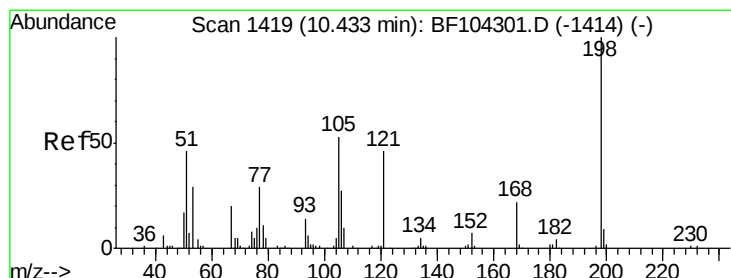
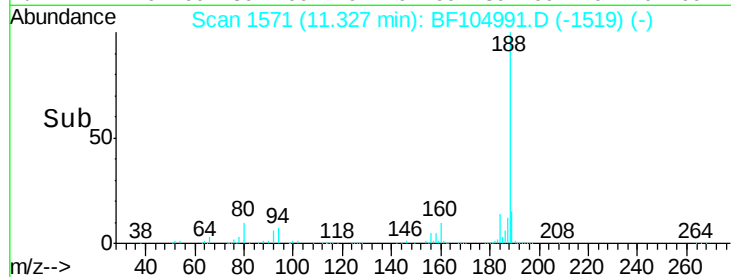
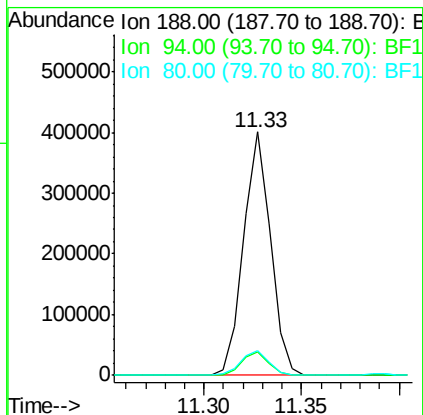
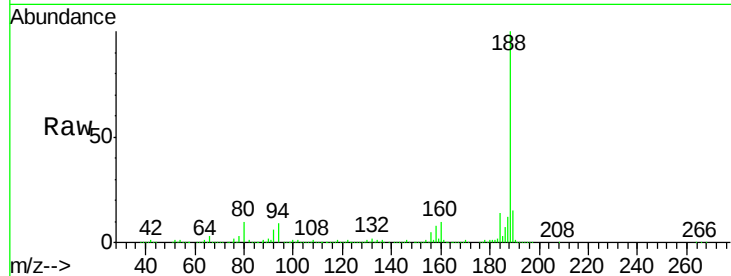




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.01 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

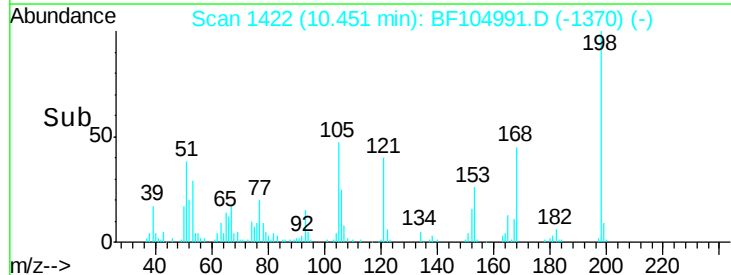
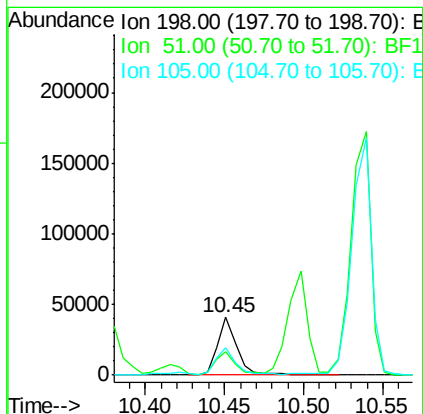
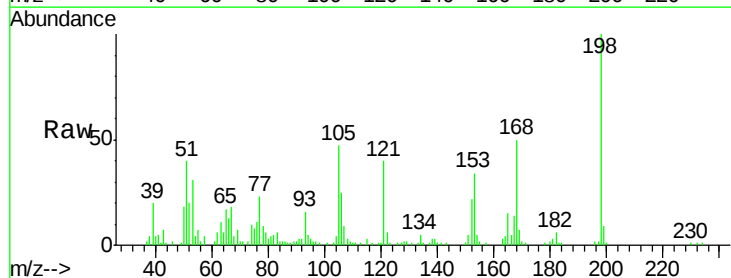
Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MSD

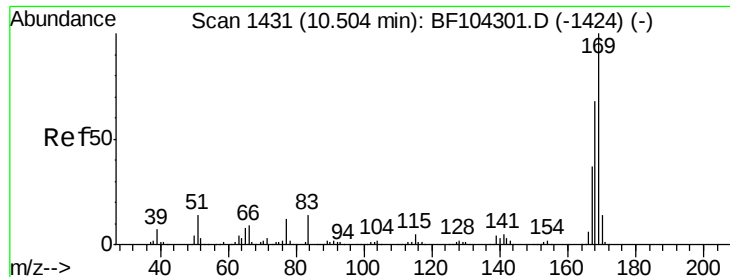
Tgt Ion:188 Resp: 385380
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.5 12.7
 80 10.3 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 23.028 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.01 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Tgt Ion:198 Resp: 34751
 Ion Ratio Lower Upper
 198 100
 51 39.6 37.7 77.7
 105 47.4 36.3 76.3

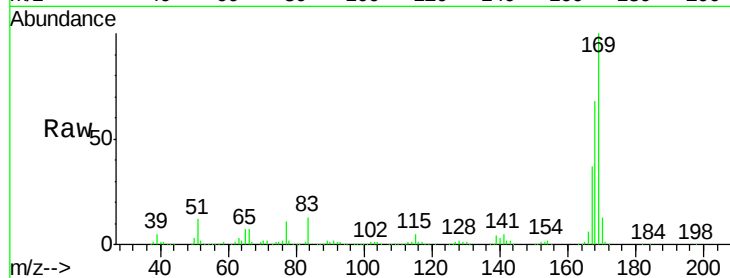




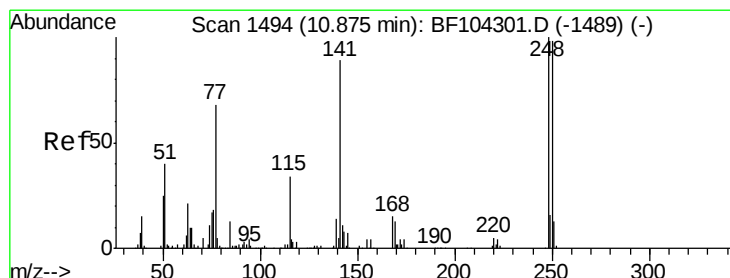
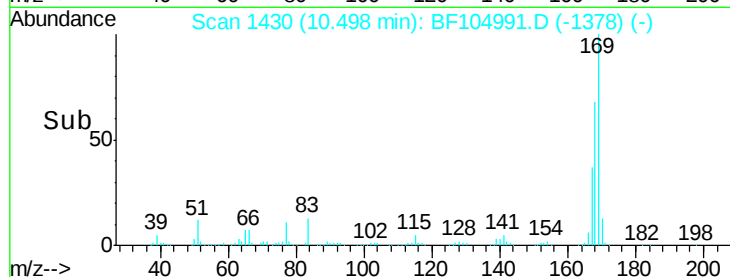
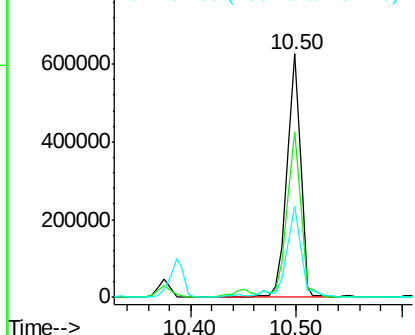
#65
 n-Nitrosodiphenylamine
 Concen: 41.753 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MSD

Tgt Ion:169 Resp: 557904
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.4 81.6
 167 37.2 29.8 44.6

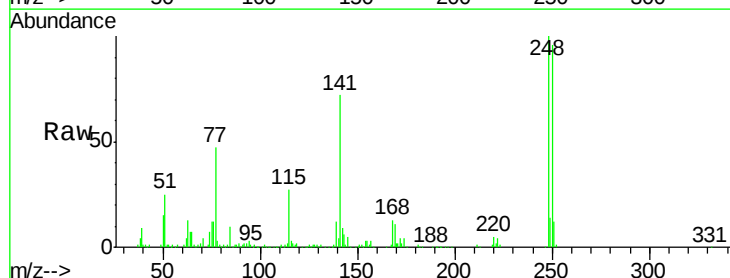


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

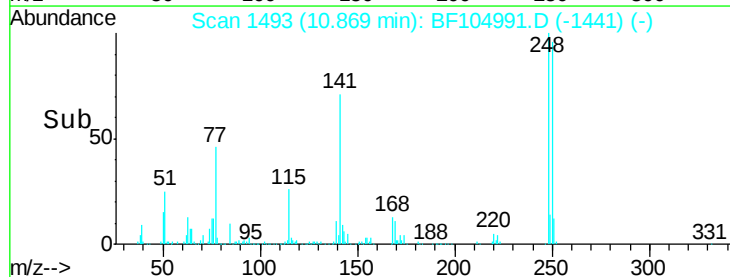
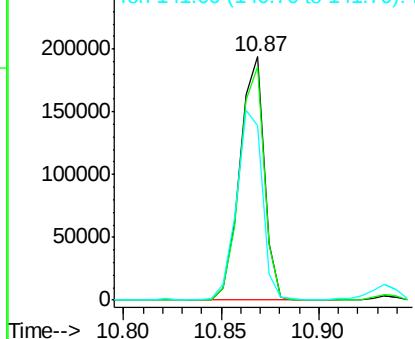


#66
 4-Bromophenyl-phenylether
 Concen: 41.193 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.01 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Tgt Ion:248 Resp: 168859
 Ion Ratio Lower Upper
 248 100
 250 95.6 76.9 115.3
 141 71.6 74.4 111.6#



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

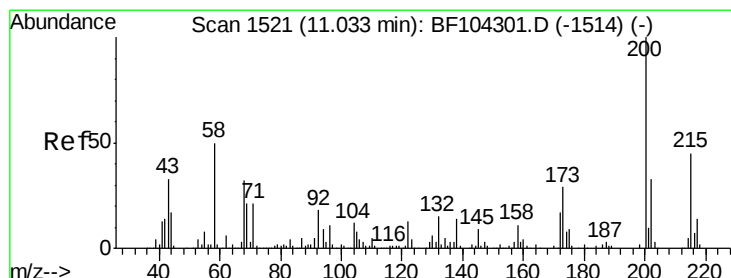
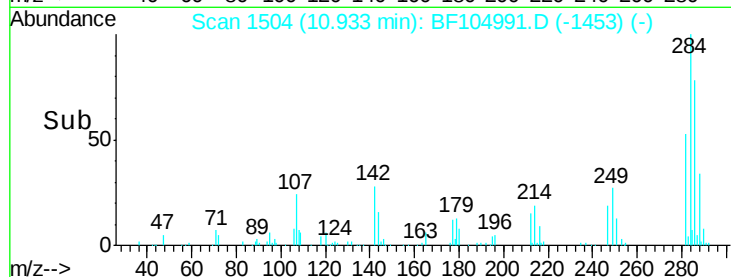
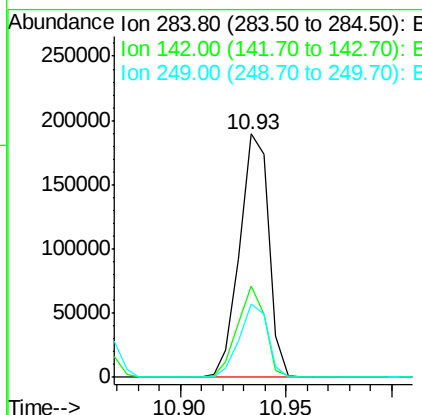
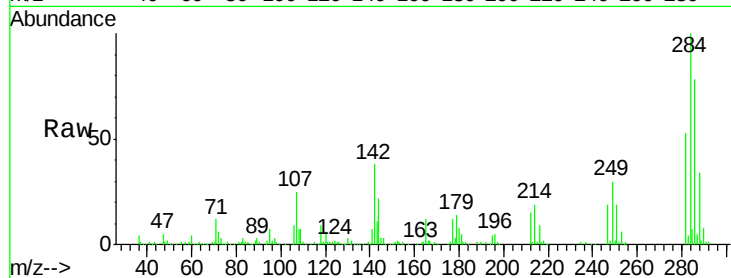




#67
Hexachlorobenzene
Concen: 39.290 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

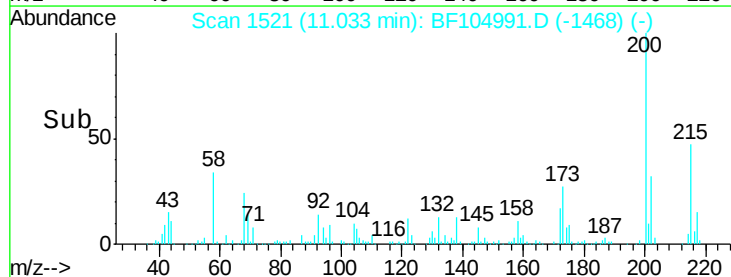
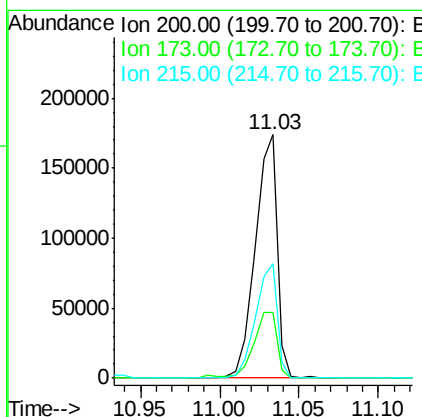
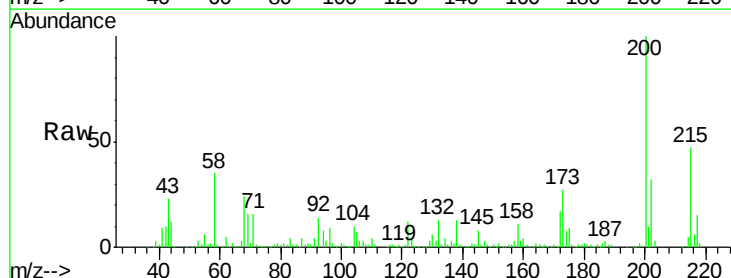
Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MSD

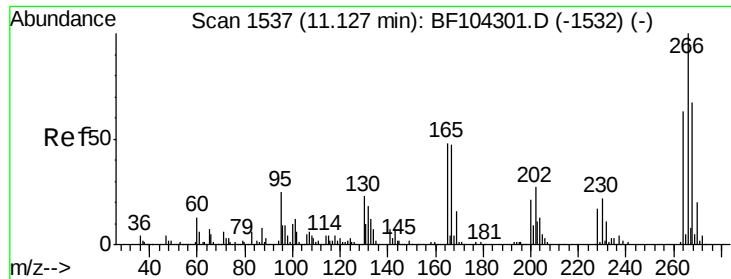
Tgt Ion: 284 Resp: 181226
Ion Ratio Lower Upper
284 100
142 37.7 34.6 52.0
249 30.3 24.8 37.2



#68
Atrazine
Concen: 41.572 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Tgt Ion: 200 Resp: 167672
Ion Ratio Lower Upper
200 100
173 27.2 8.6 48.6
215 47.2 25.1 65.1

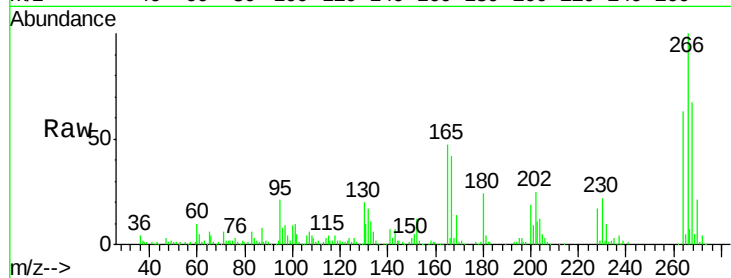




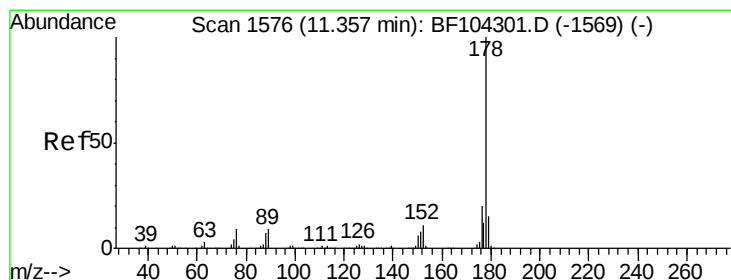
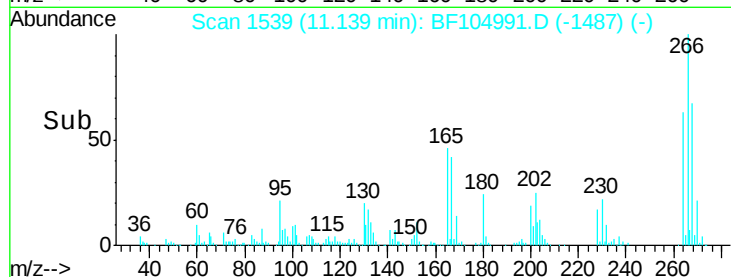
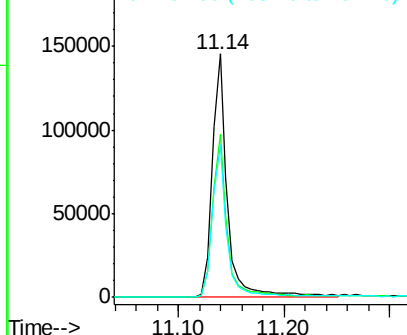
#69
 Pentachlorophenol
 Concen: 52.029 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.01 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MSD

Tgt Ion: 266 Resp: 148464
 Ion Ratio Lower Upper
 266 100
 268 66.8 51.1 76.7
 264 62.6 49.5 74.3

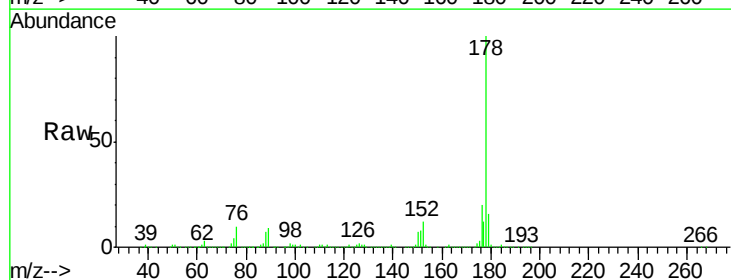


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

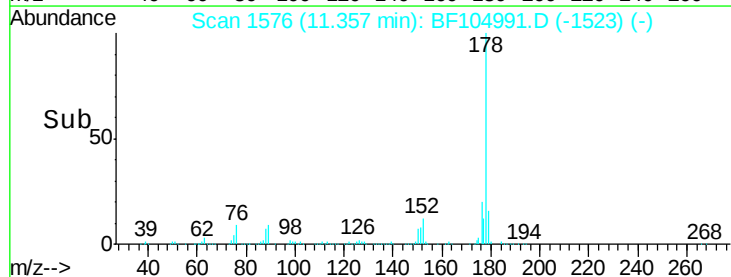
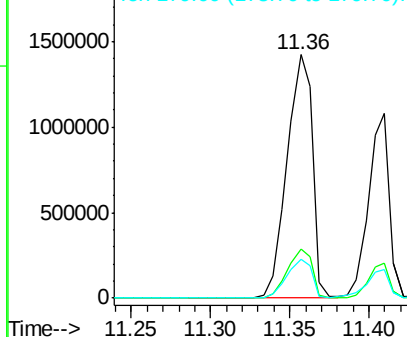


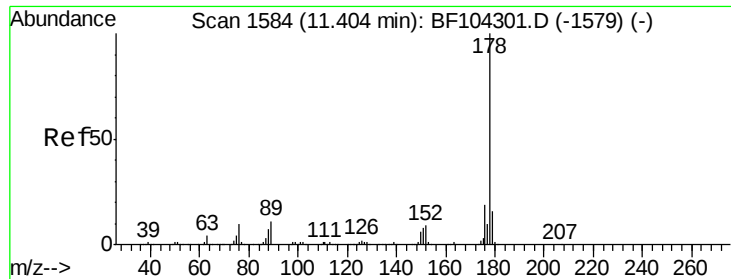
#70
 Phenanthrene
 Concen: 73.587 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. 0.01 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Tgt Ion: 178 Resp: 1579282
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.8 13.0 19.6



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

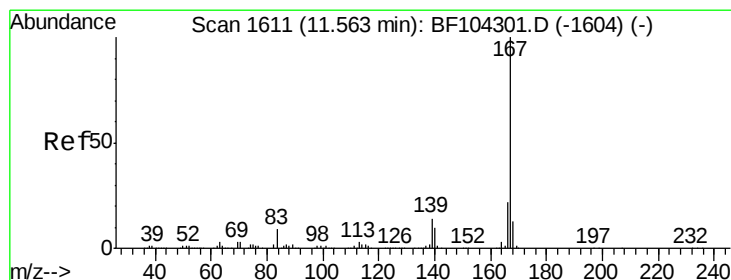
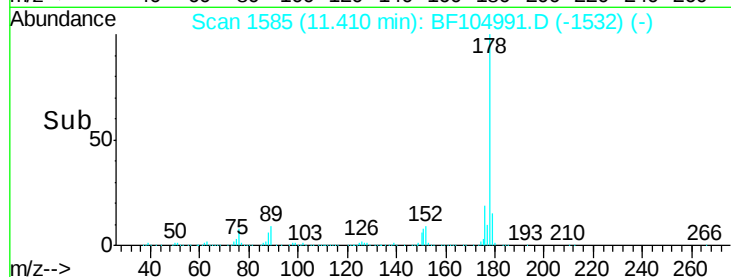
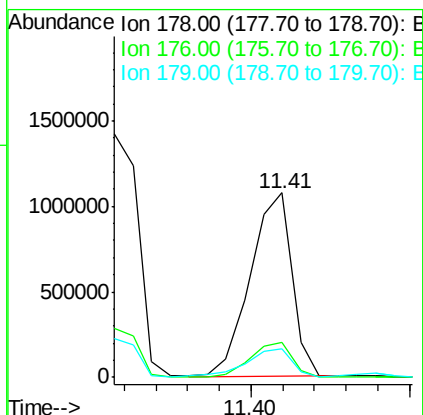
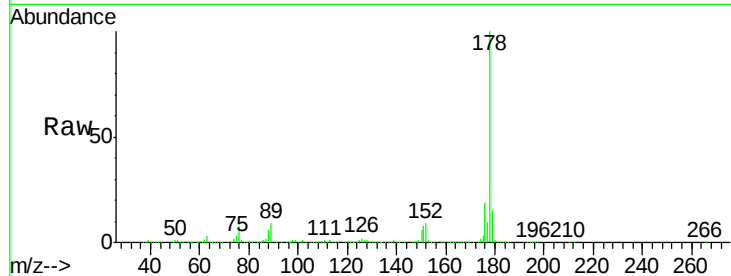




#71
 Anthracene
 Concen: 44.888 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

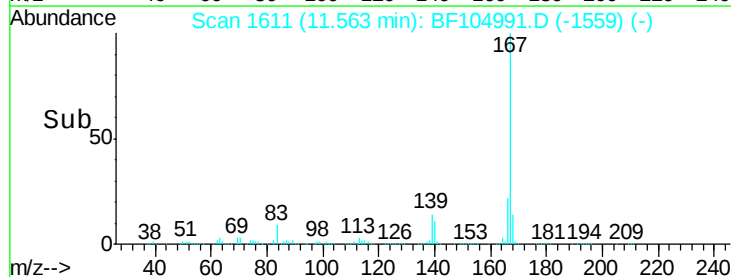
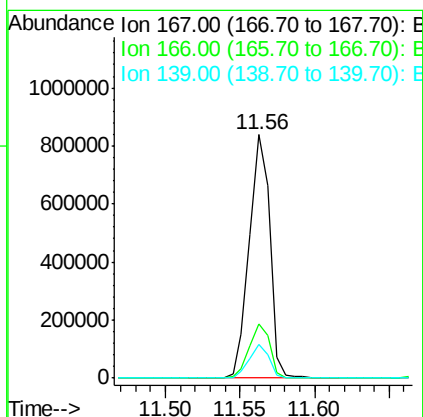
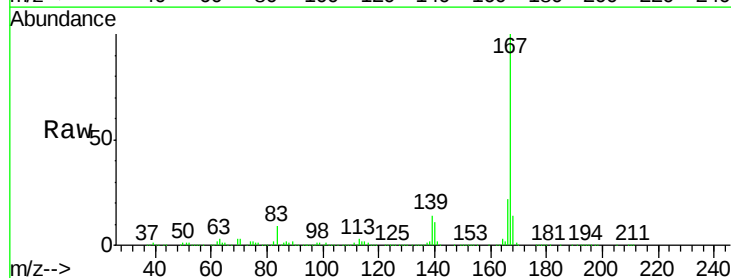
Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MSD

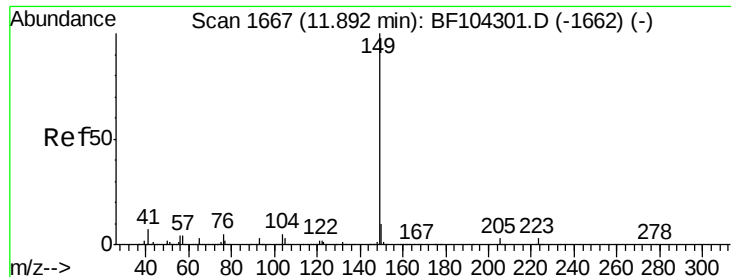
Tgt Ion:178 Resp: 979268
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 37.440 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Tgt Ion:167 Resp: 798156
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.028 ng

RT: 11.89 min Scan# 1666

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MSD

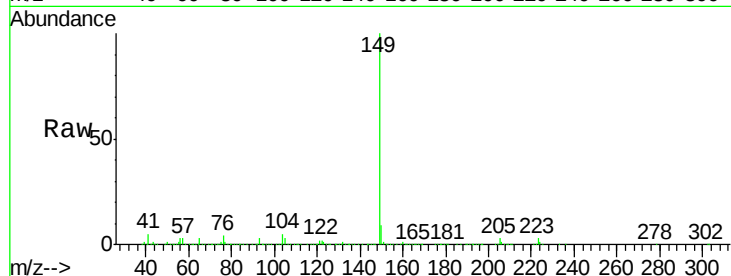
Tgt Ion:149 Resp: 964262

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

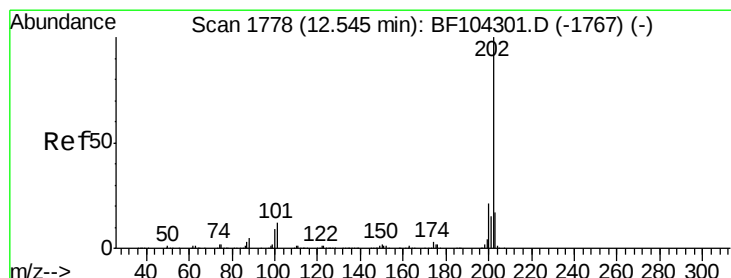
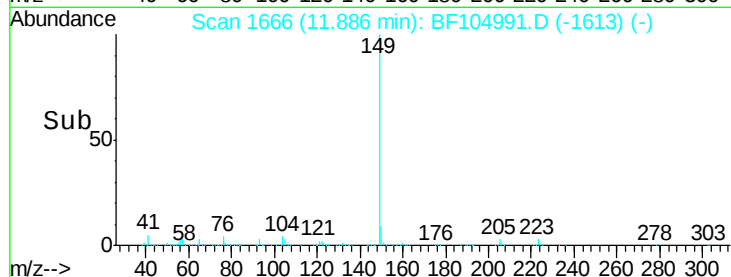
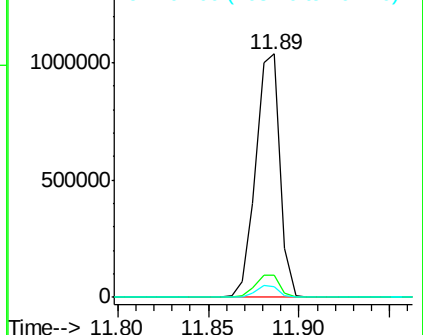
104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 73.972 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.02 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

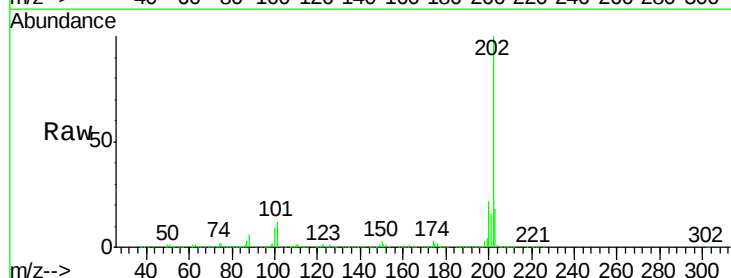
Tgt Ion:202 Resp: 1658687

Ion Ratio Lower Upper

202 100

101 12.0 0.0 34.1

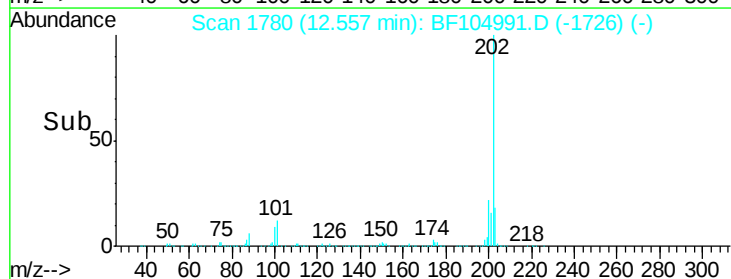
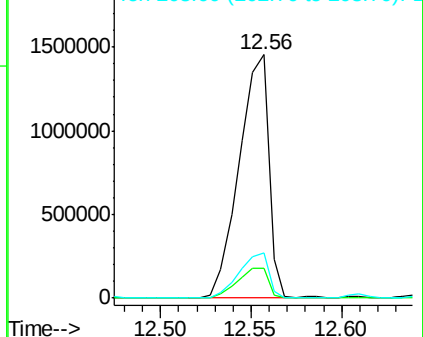
203 18.4 0.0 38.1

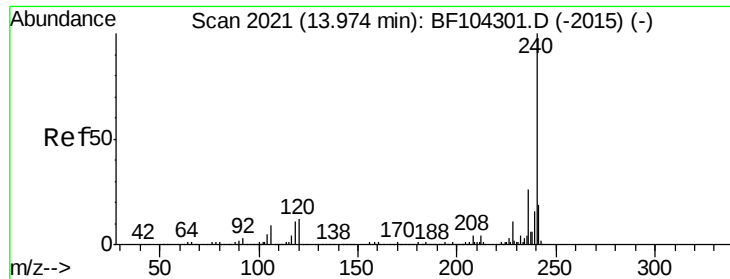


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

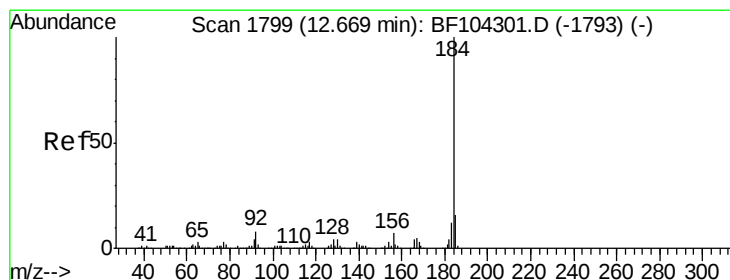
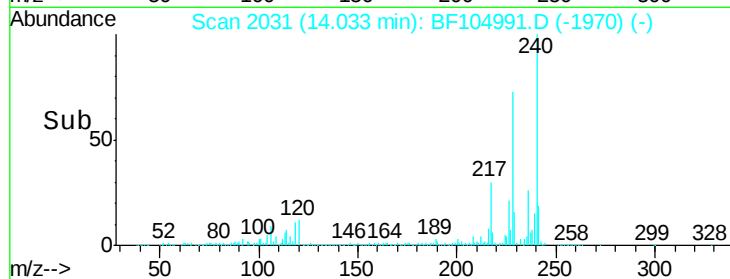
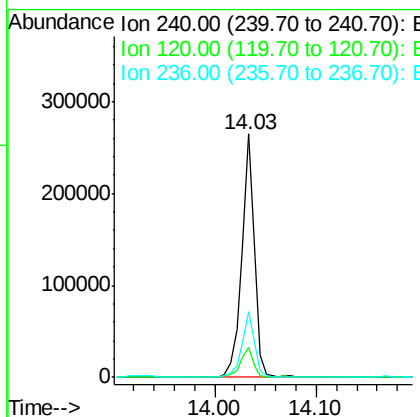
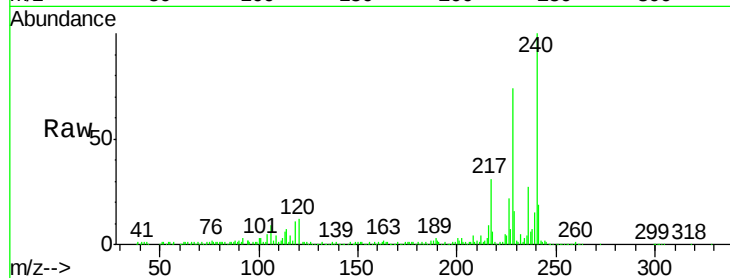




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.06 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

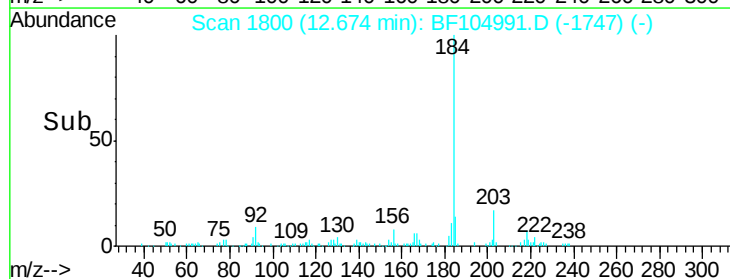
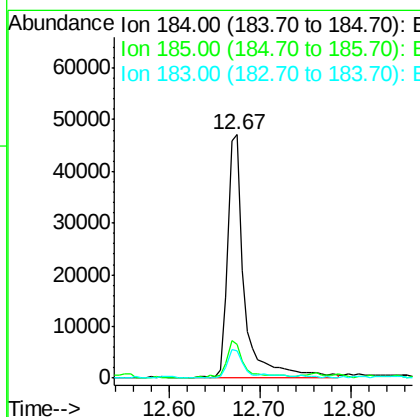
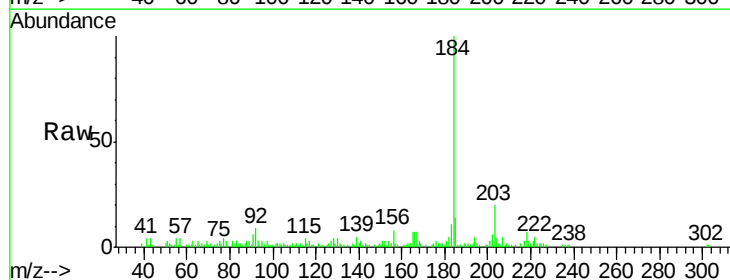
Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MSD

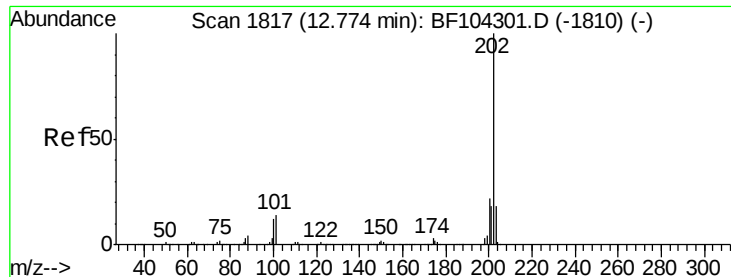
Tgt Ion:240 Resp: 228597
Ion Ratio Lower Upper
240 100
120 12.2 9.5 14.3
236 26.8 20.7 31.1



#76
Benzidine
Concen: 3.618 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.01 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Tgt Ion:184 Resp: 60848
Ion Ratio Lower Upper
184 100
185 14.1 12.6 18.8
183 11.3 9.3 13.9





#77

Pyrene

Concen: 91.356 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.02 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MSD

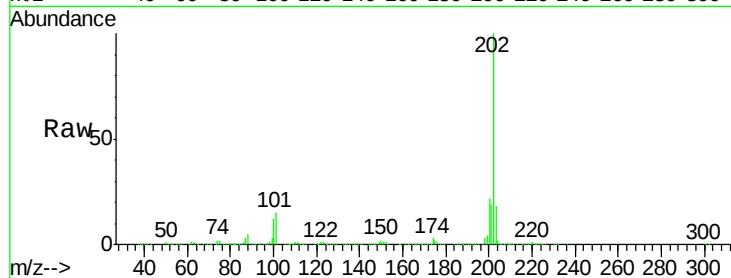
Tgt Ion:202 Resp: 1547977

Ion Ratio Lower Upper

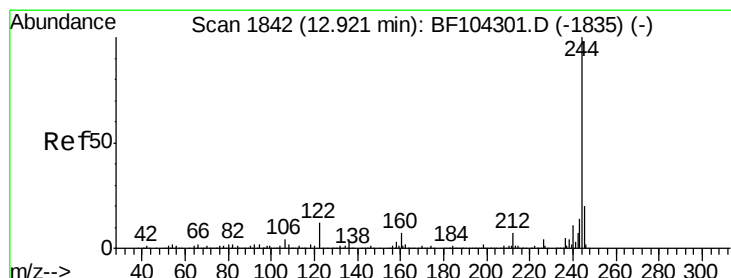
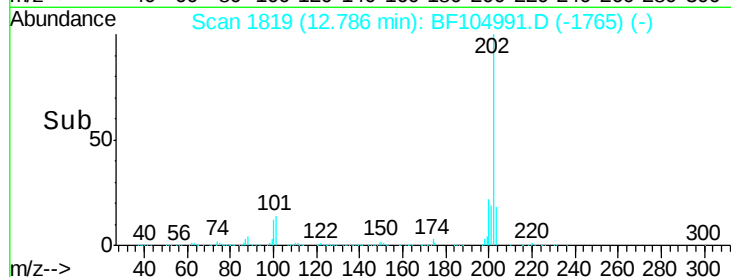
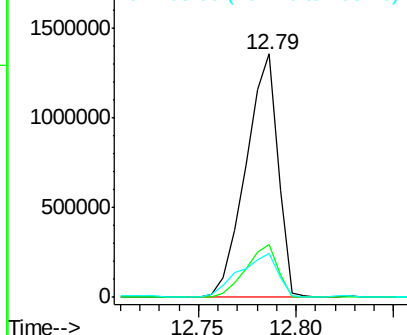
202 100

200 21.9 17.4 26.2

203 18.2 14.3 21.5



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



#78

Terphenyl-d14

Concen: 91.537 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

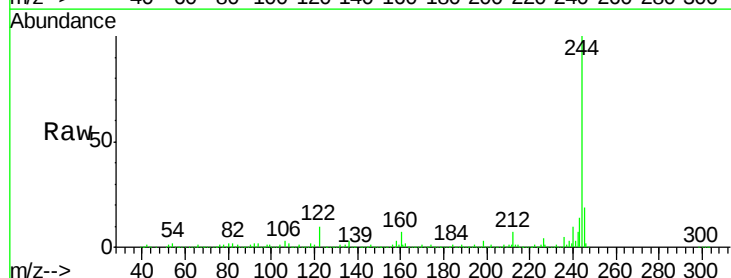
Tgt Ion:244 Resp: 917838

Ion Ratio Lower Upper

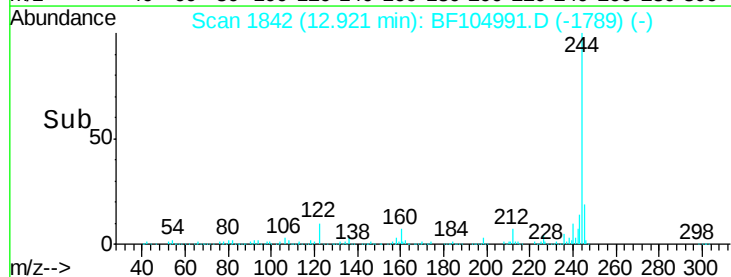
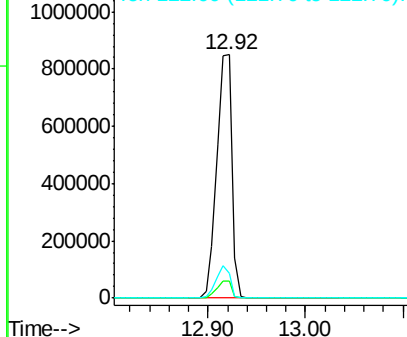
244 100

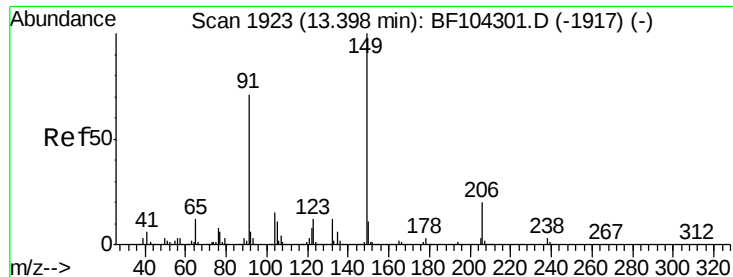
212 6.9 5.4 8.0

122 10.4 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

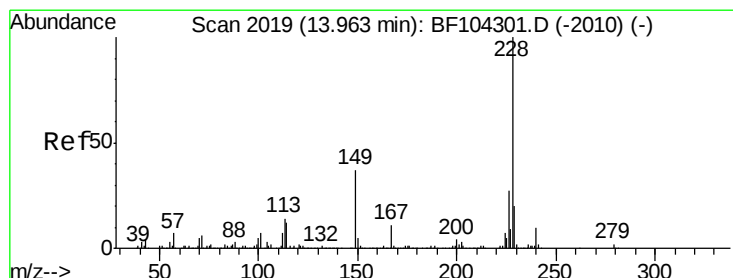
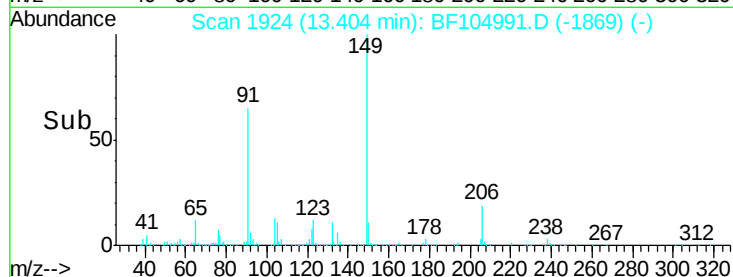
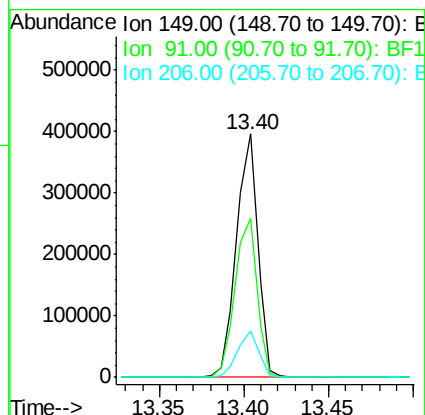
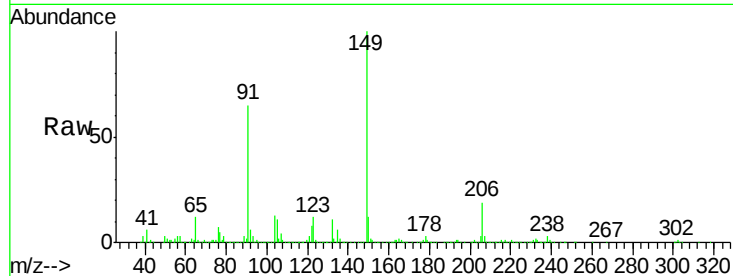




#79
Butylbenzylphthalate
Concen: 43.501 ng
RT: 13.40 min Scan# 1924
Delta R.T. 0.02 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

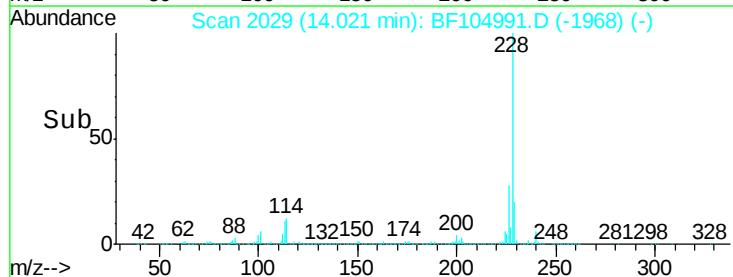
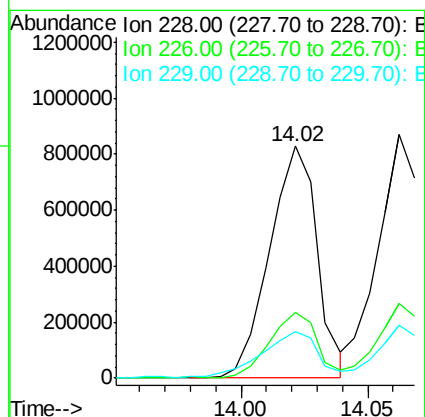
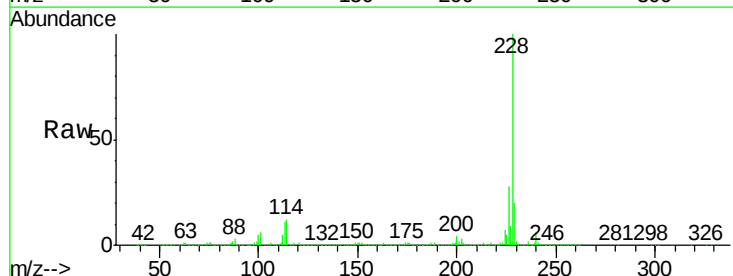
Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MSD

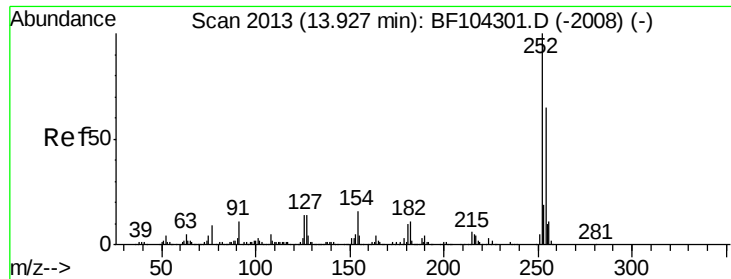
Tgt Ion:149 Resp: 347261
Ion Ratio Lower Upper
149 100
91 65.2 56.8 85.2
206 19.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 78.358 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.06 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Tgt Ion:228 Resp: 1070113
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 20.2 15.8 23.6

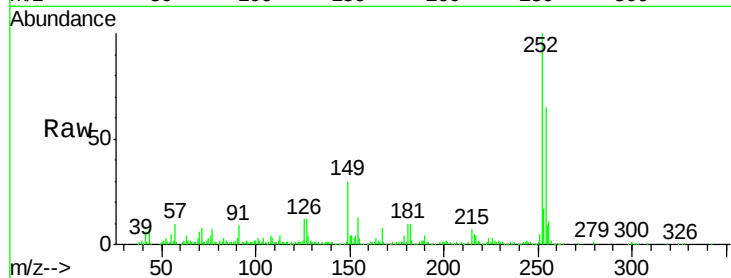




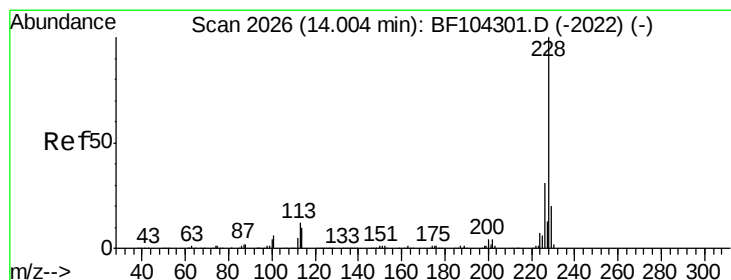
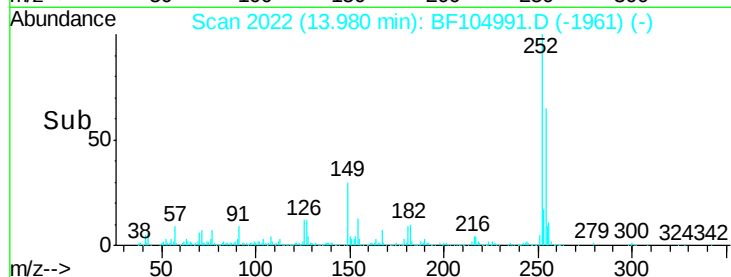
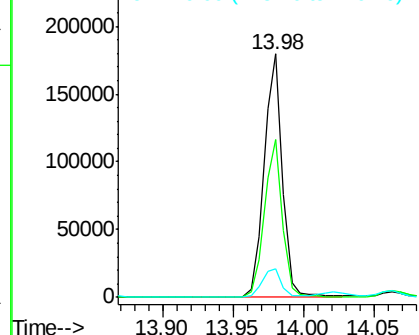
#81
 3,3'-Dichlorobenzidine
 Concen: 32.624 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.06 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MSD

Tgt Ion:	252	Resp:	166119
Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.4	75.6
126	11.8	11.3	16.9

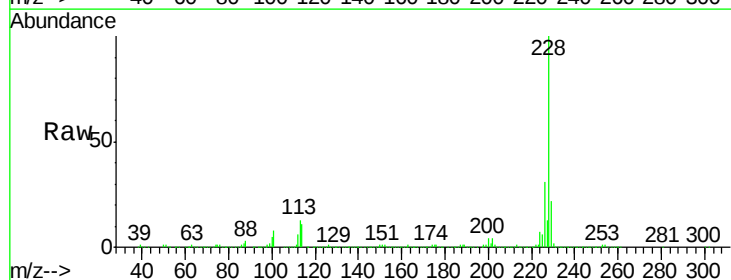


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

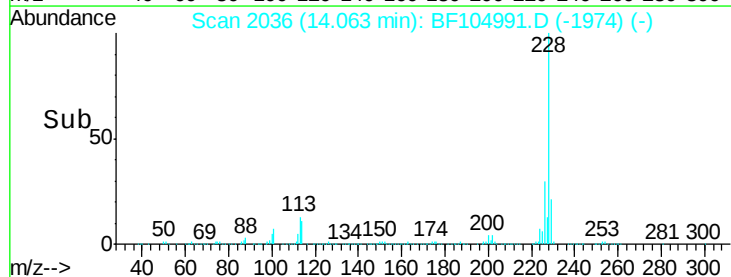
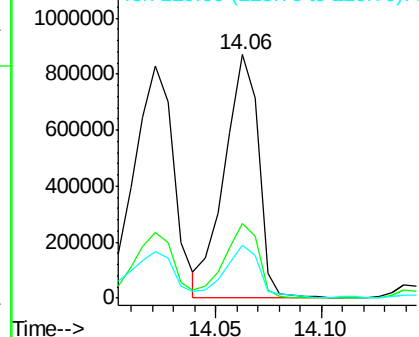


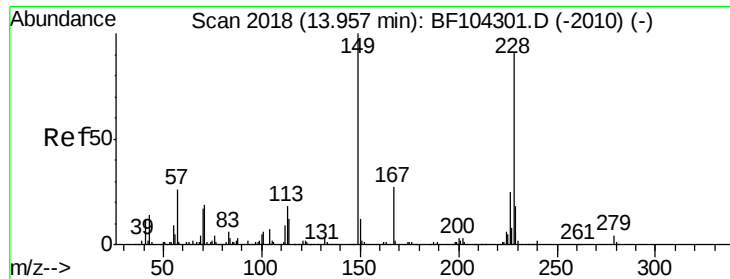
#82
 Chrysene
 Concen: 68.563 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.06 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Tgt Ion:	228	Resp:	961758
Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	21.5	16.2	24.4



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

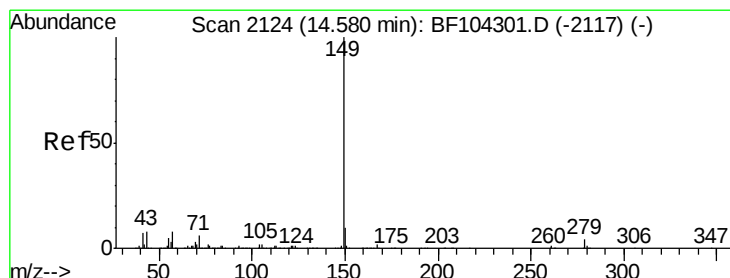
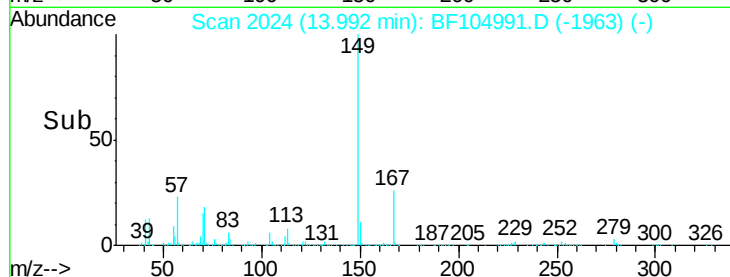
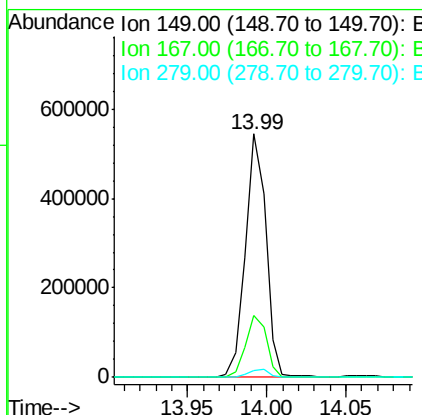
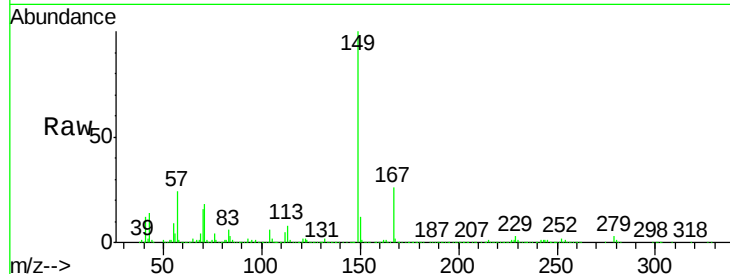




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.335 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.06 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

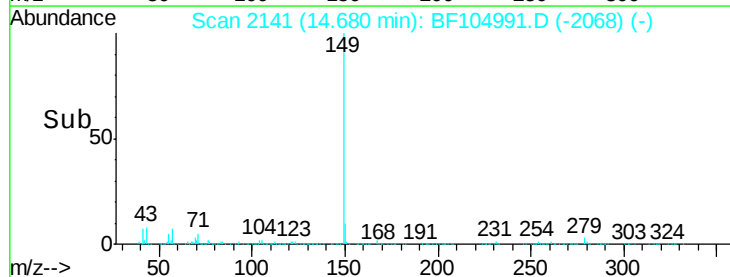
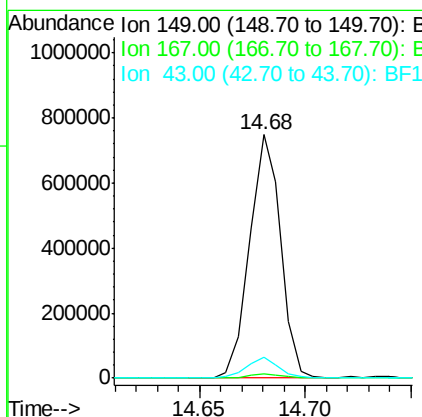
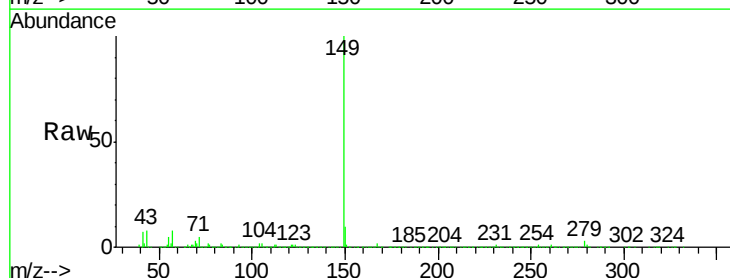
Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MSD

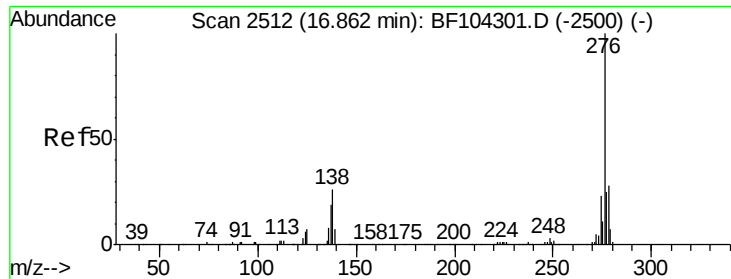
Tgt Ion:149 Resp: 486031
 Ion Ratio Lower Upper
 149 100
 167 25.5 21.3 31.9
 279 3.0 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 44.401 ng
 RT: 14.68 min Scan# 2141
 Delta R.T. 0.13 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Tgt Ion:149 Resp: 761767
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 7.6 8.4 12.6#

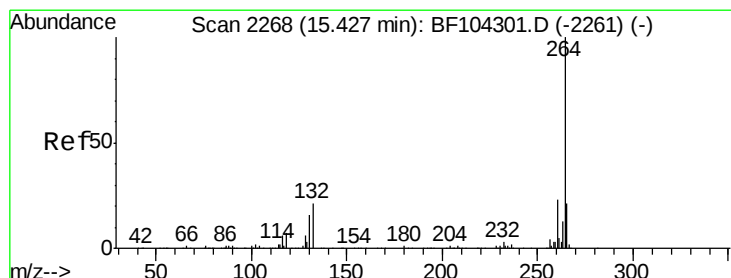
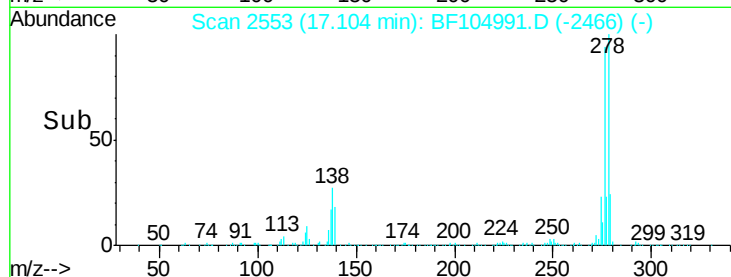
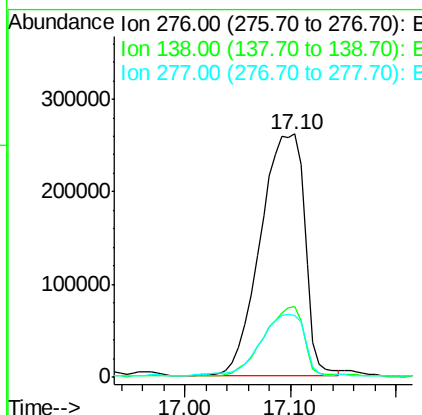
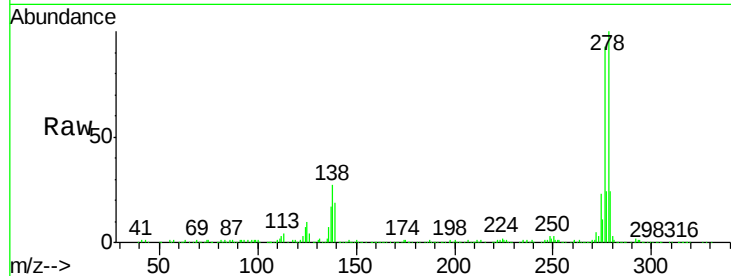




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 63.465 ng
 RT: 17.10 min Scan# 2553
 Delta R.T. 0.21 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

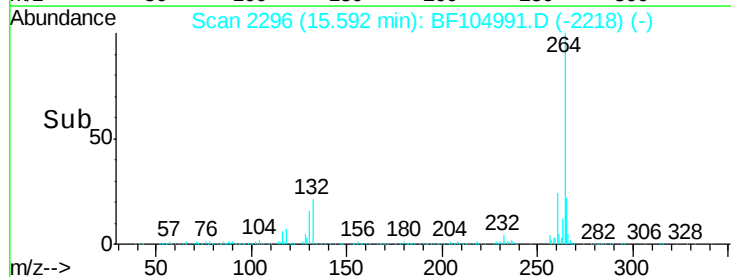
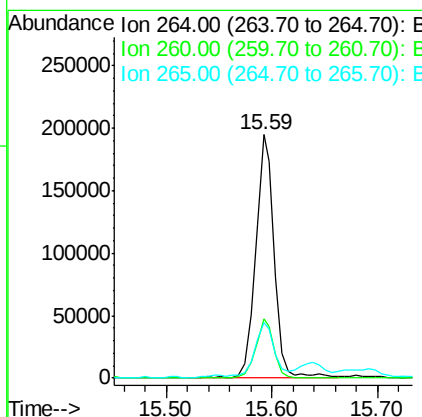
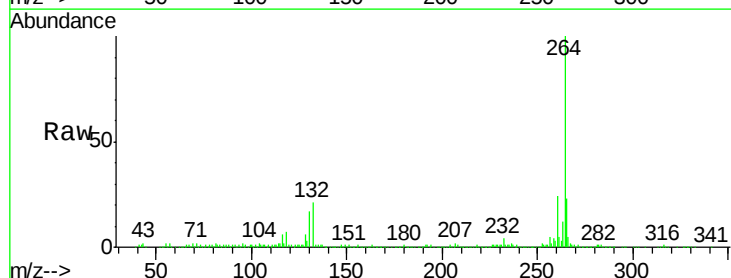
Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MSD

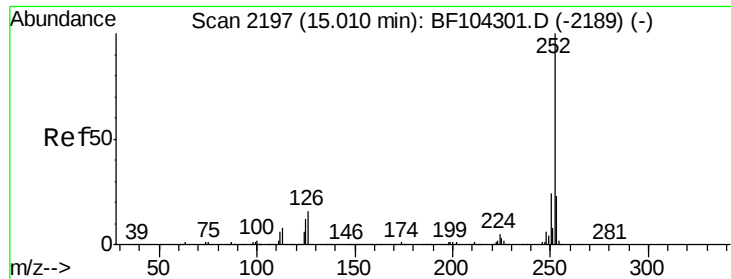
Tgt Ion: 276 Resp: 756251
 Ion Ratio Lower Upper
 276 100
 138 26.1 25.0 37.6
 277 25.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.59 min Scan# 2296
 Delta R.T. 0.16 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Tgt Ion: 264 Resp: 242086
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 22.6 17.5 26.3

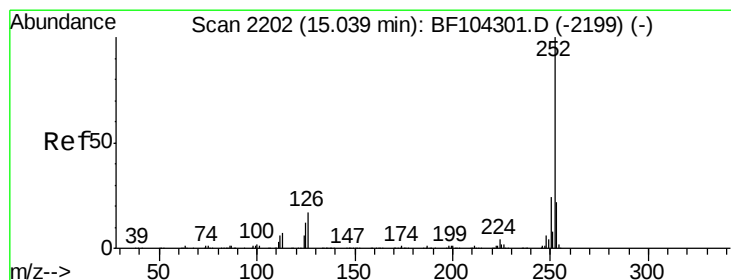
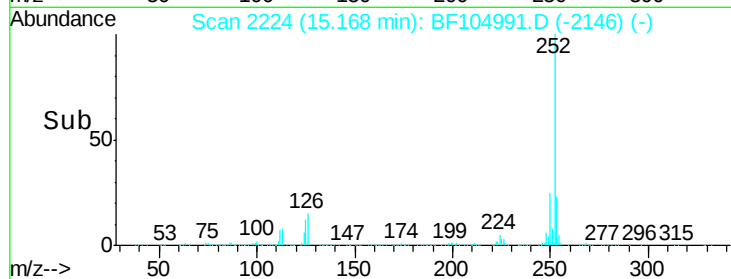
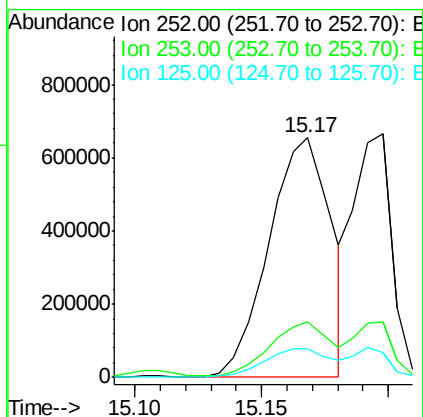
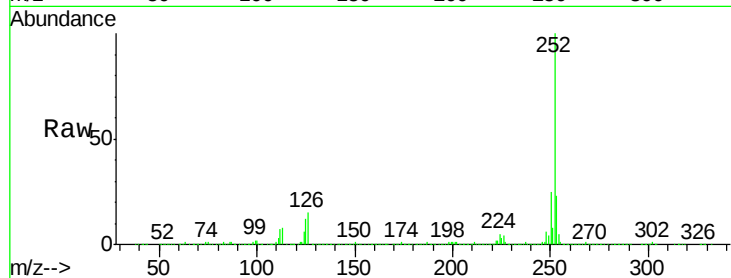




#87
Benzo(b)fluoranthene
Concen: 72.418 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.16 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

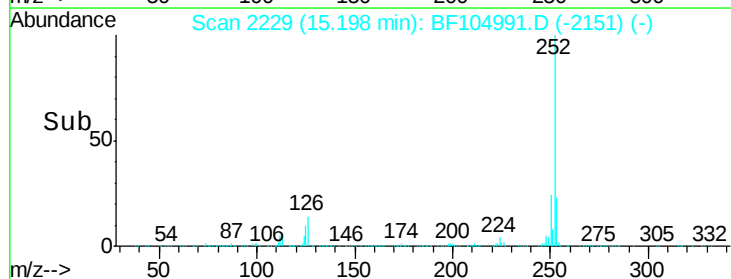
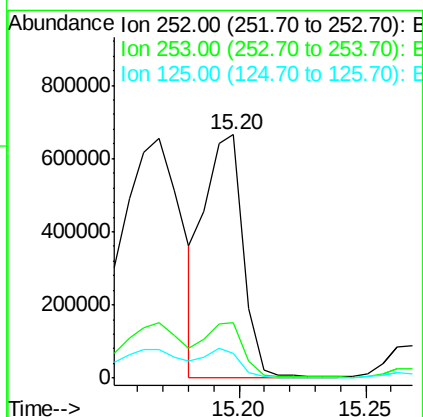
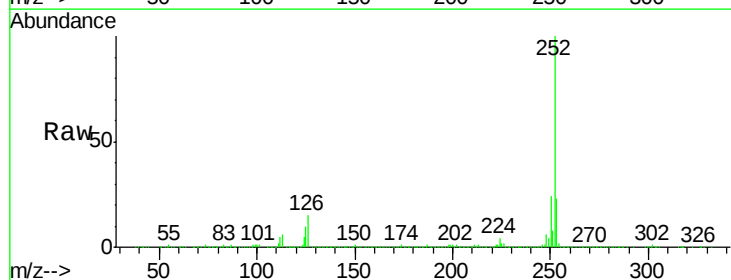
Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MSD

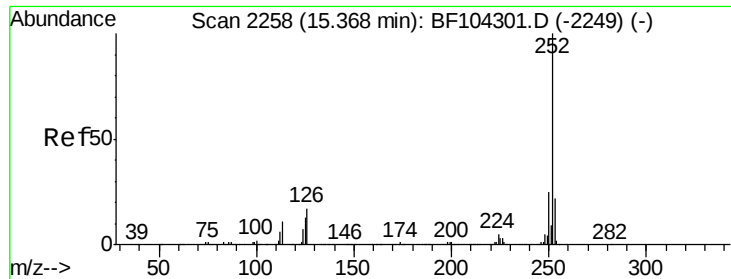
Tgt Ion:252 Resp: 1107257
Ion Ratio Lower Upper
252 100
253 23.4 17.0 25.6
125 12.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 48.668 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.16 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Tgt Ion:252 Resp: 702511
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 10.2 10.2 15.2





#89

Benzo(a)pyrene

Concen: 65.536 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.16 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MSD

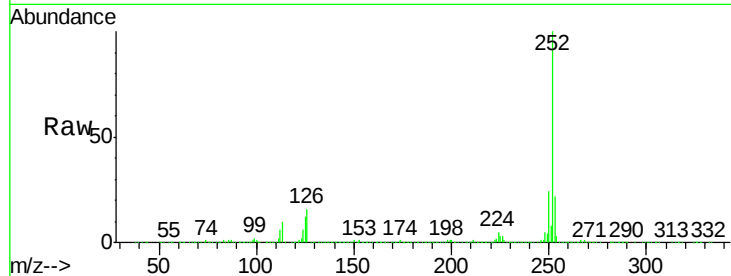
Tgt Ion:252 Resp: 896567

Ion Ratio Lower Upper

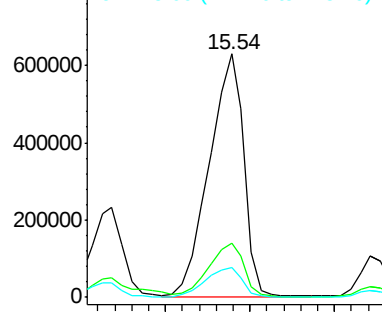
252 100

253 22.2 17.1 25.7

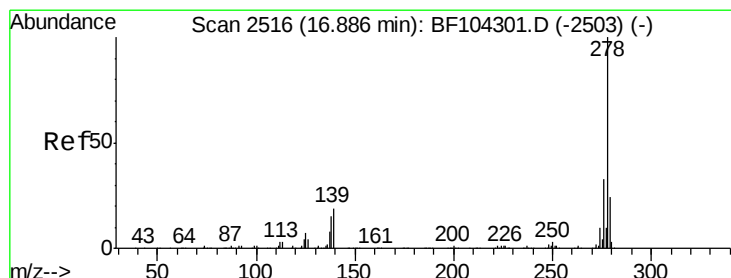
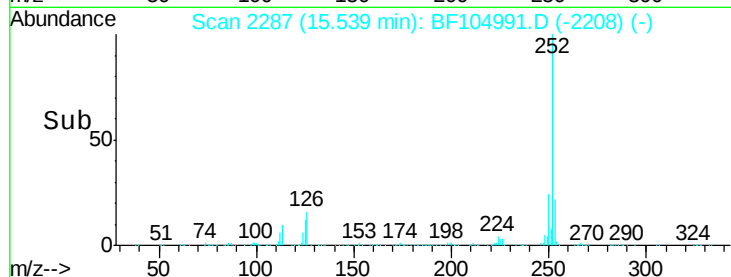
125 12.3 9.8 14.6



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



Time-->



#90

Dibenzo(a,h)anthracene

Concen: 42.824 ng

RT: 17.10 min Scan# 2553

Delta R.T. 0.19 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

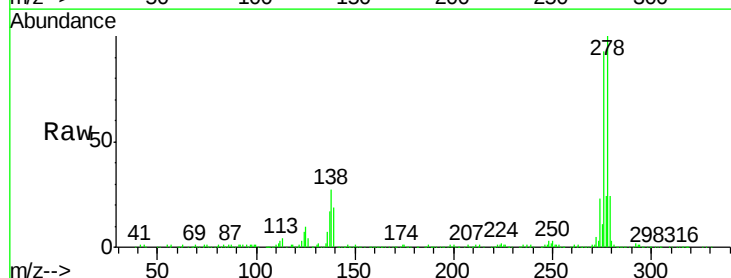
Tgt Ion:278 Resp: 481168

Ion Ratio Lower Upper

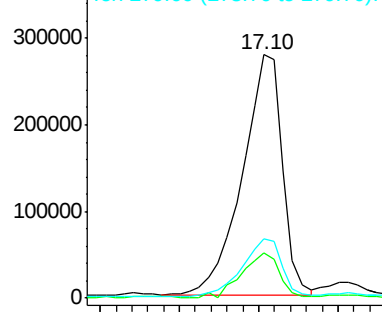
278 100

139 18.6 15.9 23.9

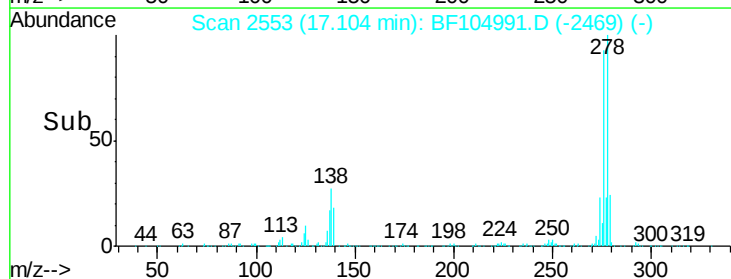
279 24.3 19.0 28.4

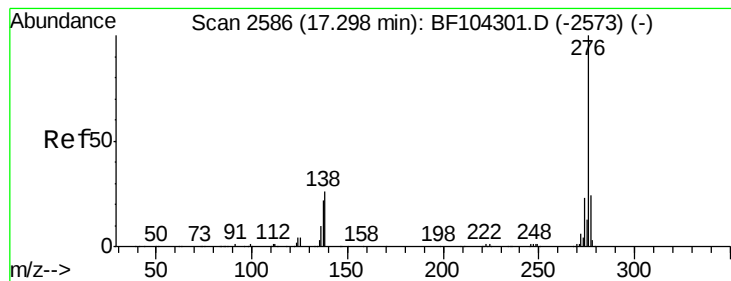


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->





#91

Benzo(g,h,i)perylene

Concen: 58.344 ng

RT: 17.54 min Scan# 2628

Delta R.T. 0.21 min

Lab File: BF104991.D

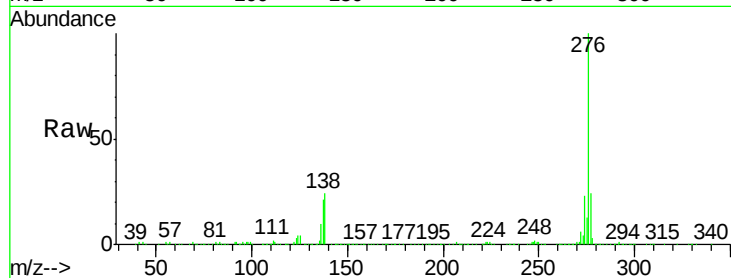
Acq: 1 May 2018 18:34

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MSD



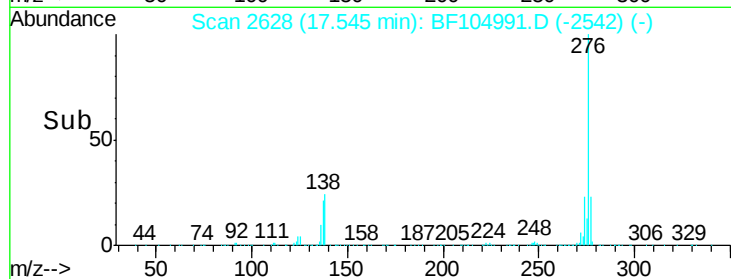
Tgt Ion: 276 Resp: 635108

Ion Ratio Lower Upper

276 100

277 24.3 17.9 26.9

138 24.3 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

