

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104794.D
 Acq On : 25 Apr 2018 17:40
 Operator : JU/SJ
 Sample : J2520-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 08:13:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	120256	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	494395	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	216782	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	344962	20.00	ng	0.00
75) Chrysene-d12	13.99	240	203586	20.00	ng	0.00
86) Perylene-d12	15.46	264	185431	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	945843	120.26	ng	0.01
7) Phenol-d6	6.45	99	1175826	121.68	ng	0.00
23) Nitrobenzene-d5	7.37	82	769518	101.64	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	262990	116.95	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1245735	90.78	ng	0.00
78) Terphenyl-d14	12.92	244	889783	99.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	107786	29.413	ng	88
3) Pyridine	3.30	79	291259	28.268	ng	87
4) n-Nitrosodimethylamine	3.26	42	129249	35.886	ng	# 83
6) Aniline	6.47	93	136175	10.143	ng	# 1
8) 2-Chlorophenol	6.59	128	334387	40.283	ng	94
9) Benzaldehyde	6.35	77	147128	27.007	ng	95
10) Phenol	6.46	94	392288	38.261	ng	90
11) bis(2-Chloroethyl)ether	6.54	93	310679	37.971	ng	96
12) 1,3-Dichlorobenzene	6.74	146	347550	36.957	ng	98
13) 1,4-Dichlorobenzene	6.82	146	355984	37.975	ng	99
14) 1,2-Dichlorobenzene	6.97	146	327685	37.721	ng	98
15) Benzyl Alcohol	6.95	79	274739	37.433	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	359191	32.689	ng	53
17) 2-Methylphenol	7.07	107	264178	36.612	ng	# 89
18) Hexachloroethane	7.31	117	119731	35.823	ng	100
19) n-Nitroso-di-n-propylamine	7.22	70	219676	34.789	ng	92
20) 3+4-Methylphenols	7.22	107	324880	36.303	ng	# 82
22) Acetophenone	7.22	105	457641	37.599	ng	98
24) Nitrobenzene	7.39	77	339330	40.593	ng	98
25) Isophorone	7.63	82	614851	38.403	ng	99
26) 2-Nitrophenol	7.70	139	181784	53.417	ng	97
27) 2,4-Dimethylphenol	7.75	122	264488	37.431	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	403642	41.234	ng	98
29) 2,4-Dichlorophenol	7.95	162	278980	41.379	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	283660	38.337	ng	99
31) Naphthalene	8.11	128	989467	40.192	ng	99
32) Benzoic acid	7.87	122	123763	21.952	ng	98
33) 4-Chloroaniline	8.16	127	78355	7.429	ng	97
34) Hexachlorobutadiene	8.22	225	153150	37.789	ng	100
35) Caprolactam	8.54	113	61232	26.034	ng	# 79
36) 4-Chloro-3-methylphenol	8.66	107	300977	41.633	ng	99
37) 2-Methylnaphthalene	8.80	142	638242	40.080	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	264067	42.553	ng	99
40) Hexachlorocyclopentadiene	8.95	237	51919	14.945	ng	100

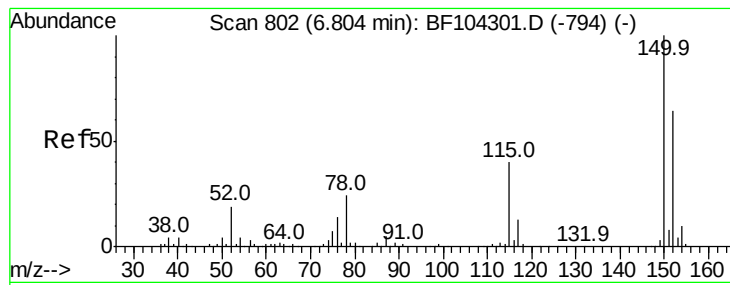
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104794.D
 Acq On : 25 Apr 2018 17:40
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	185006	42.947	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	196013	40.662	ng	95
45) 1,1'-Biphenyl	9.27	154	719191	39.492	ng	98
46) 2-Chloronaphthalene	9.29	162	562694	39.118	ng	100
47) 2-Nitroaniline	9.39	65	172836	48.586	ng	99
48) Acenaphthylene	9.71	152	885173	39.221	ng	100
49) Dimethylphthalate	9.57	163	862009	50.425	ng	100
50) 2,6-Dinitrotoluene	9.64	165	146035	46.166	ng	90
51) Acenaphthene	9.88	154	538939	39.138	ng	100
52) 3-Nitroaniline	9.80	138	99271	26.807	ng	99
53) 2,4-Dinitrophenol	9.92	184	32606	35.441	ng	# 20
54) Dibenzofuran	10.05	168	757122	39.454	ng	96
55) 4-Nitrophenol	9.99	139	203328	69.897	ng	97
56) 2,4-Dinitrotoluene	10.05	165	175839	42.379	ng	# 95
57) Fluorene	10.40	166	617962	44.242	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	138145	38.412	ng	96
59) Diethylphthalate	10.27	149	657983	38.647	ng	99
60) 4-Chlorophenyl-phenylether	10.39	204	264155	42.465	ng	98
61) 4-Nitroaniline	10.42	138	139559	38.543	ng	100
62) Azobenzene	10.54	77	548486	33.720	ng	93
64) 4,6-Dinitro-2-methylphenol	10.46	198	31458	23.206	ng	79
65) n-Nitrosodiphenylamine	10.51	169	507703	42.448	ng	100
66) 4-Bromophenyl-phenylether	10.87	248	156484	42.647	ng	96
67) Hexachlorobenzene	10.94	284	162362	39.325	ng	# 91
68) Atrazine	11.04	200	161406	44.707	ng	99
69) Pentachlorophenol	11.14	266	129352	50.642	ng	97
70) Phenanthrene	11.37	178	1829154	95.215	ng	99
71) Anthracene	11.42	178	978183	50.091	ng	100
72) Carbazole	11.57	167	742246	38.897	ng	99
73) Di-n-butylphthalate	11.89	149	902783	38.730	ng	99
74) Fluoranthene	12.56	202	2001104	99.699	ng	98
76) Benzidine	12.68	184	7388	Below Cal	#	70
77) Pyrene	12.79	202	1855130	122.934	ng	99
79) Butylbenzylphthalate	13.39	149	301865	42.460	ng	98
80) Benzo(a)anthracene	13.98	228	1230819	101.198	ng	98
81) 3,3'-Dichlorobenzidine	13.94	252	98275	21.671	ng	98
82) Chrysene	14.02	228	1067408	85.443	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	429155	46.931	ng	99
84) Di-n-octyl phthalate	14.57	149	679290	44.458	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.93	276	619978	58.420	ng	# 92
87) Benzo(b)fluoranthene	15.04	252	1151833	98.351	ng	97
88) Benzo(k)fluoranthene	15.06	252	657262	59.445	ng	98
89) Benzo(a)pyrene	15.40	252	871526	83.170	ng	98
90) Dibenzo(a,h)anthracene	16.94	278	364582	42.362	ng	97
91) Benzo(g,h,i)perylene	17.37	276	525415	63.014	ng	95

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

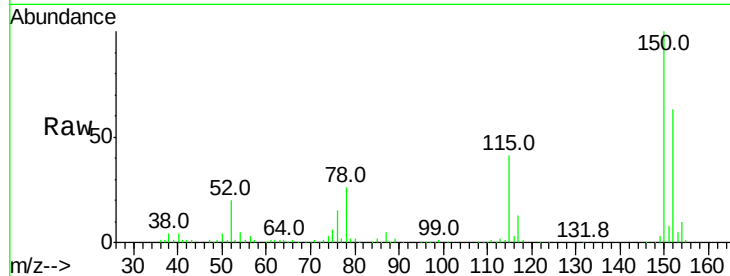


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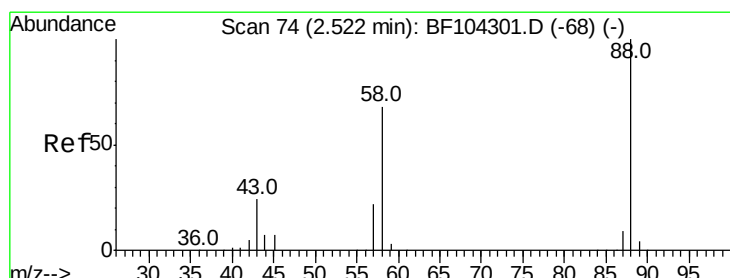
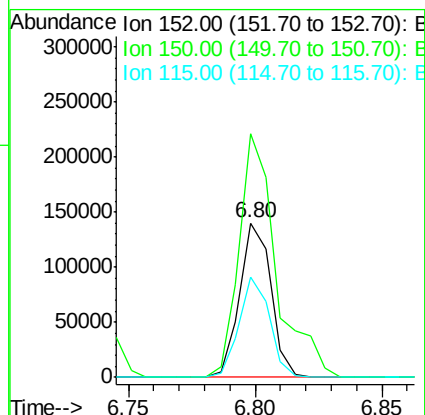
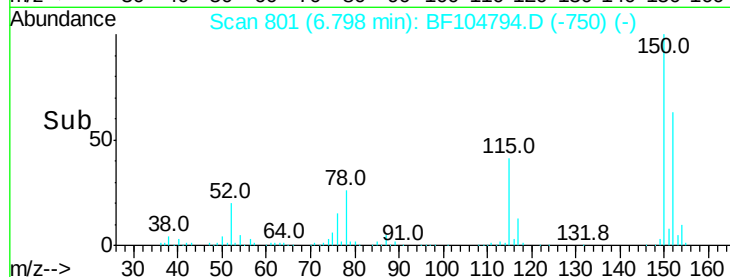
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104794.D
Acq: 25 Apr 2018 17:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 120256
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 64.9 50.1 75.1



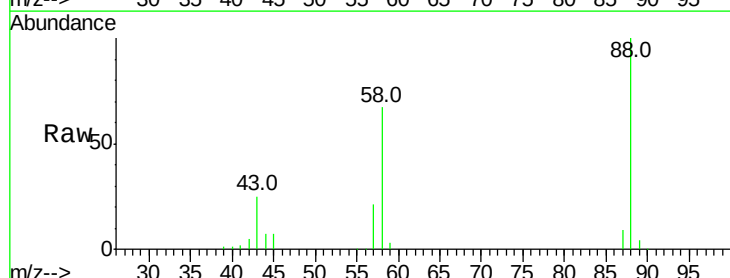
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



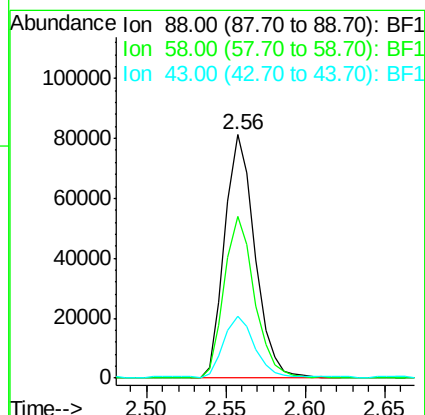
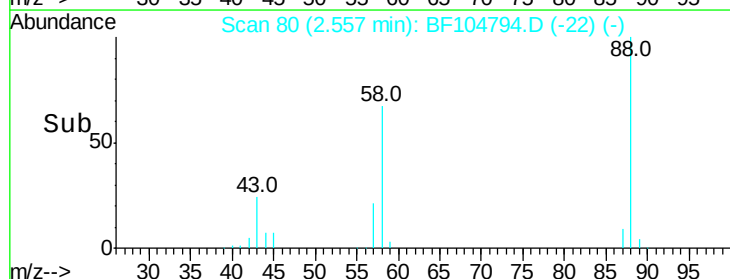
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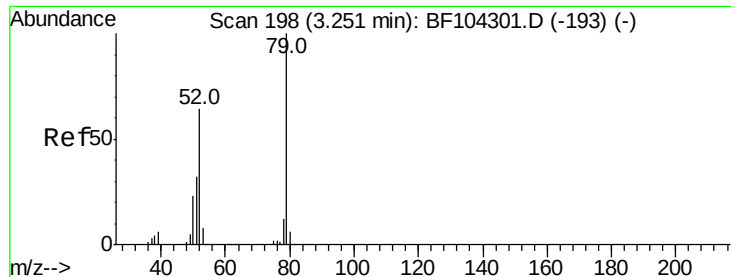
1,4-Dioxane
Concen: 29.413 ng
RT: 2.56 min Scan# 80
Delta R.T. 0.04 min
Lab File: BF104794.D
Acq: 25 Apr 2018 17:40

Tgt Ion: 88 Resp: 107786
Ion Ratio Lower Upper
88 100
58 66.6 62.6 93.8
43 26.1 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

Pvridine

Concen: 28.268 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.05 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

Instrument :

BNA_F

ClientSampleId :

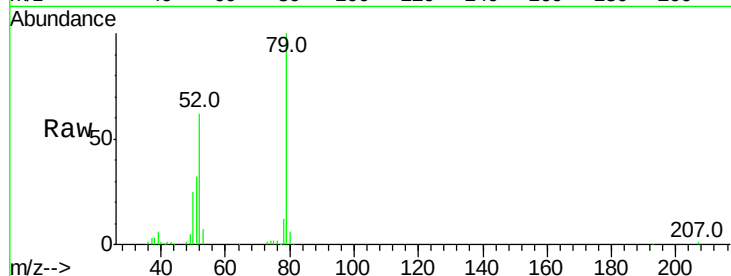
Tot Ion: 79 Resp: 291259

Ion Ratio Lower Upper

79 100

52 62.0 59.8 89.6

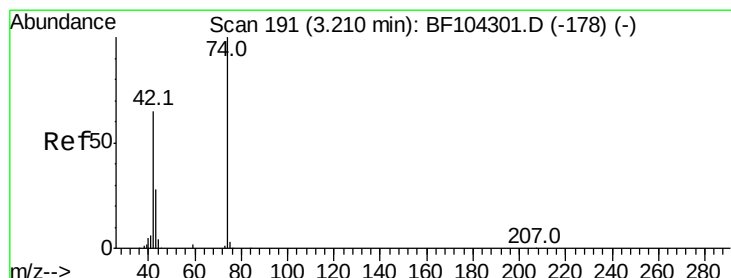
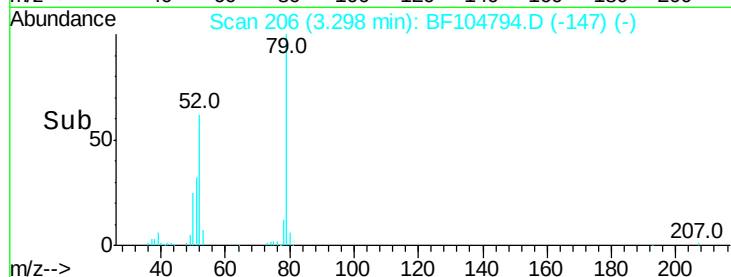
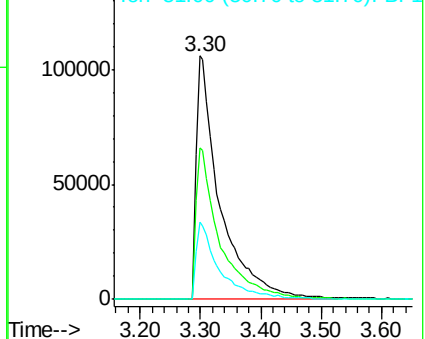
51 31.7 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.886 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.04 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

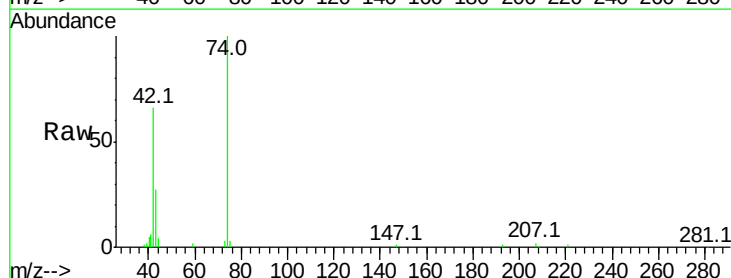
Tgt Ion: 42 Resp: 129249

Ion Ratio Lower Upper

42 100

74 151.8 104.9 157.3

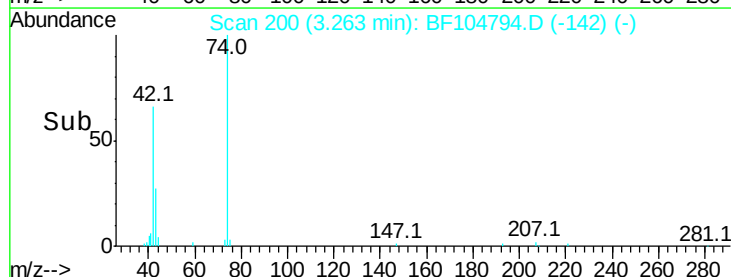
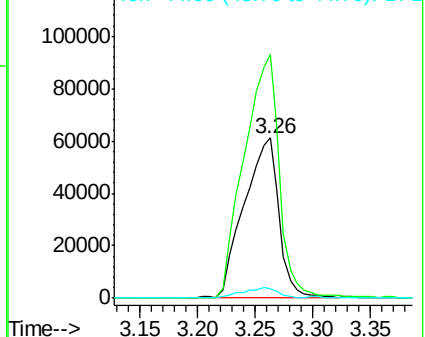
44 6.2 6.9 10.3#

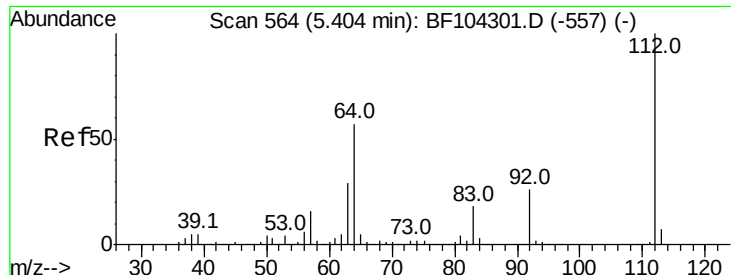


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

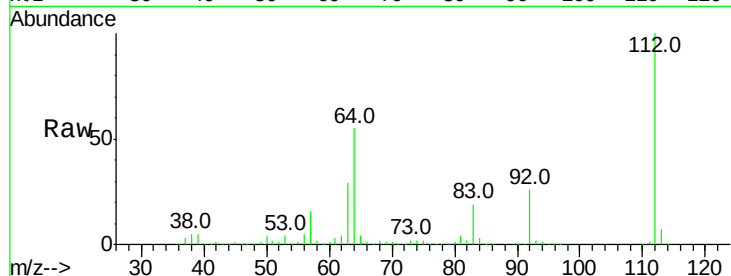




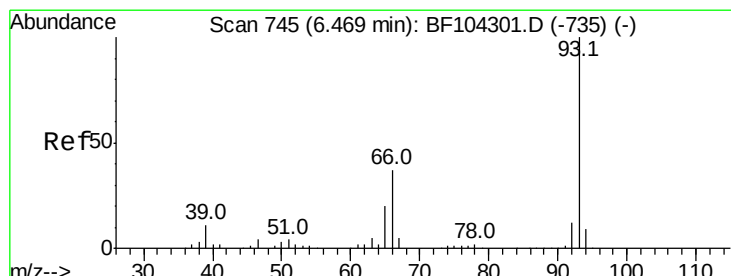
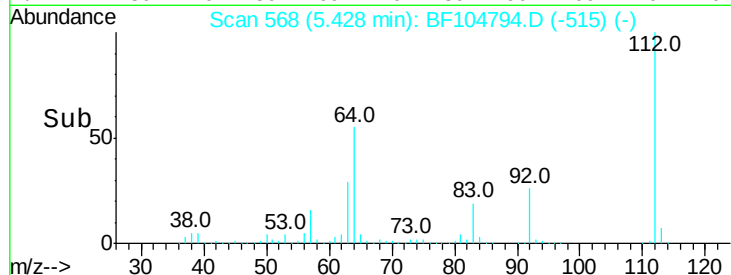
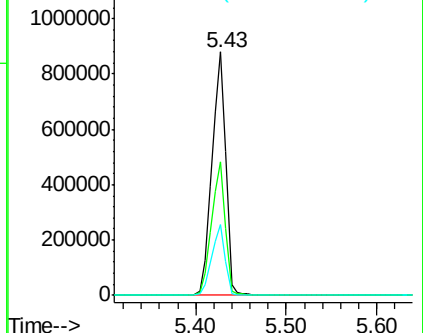
#5
 2-Fluorophenol
 Concen: 120.264 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF104794.D
 Acq: 25 Apr 2018 17:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:112 Resp: 945843
 Ion Ratio Lower Upper
 112 100
 64 54.8 47.9 71.9
 63 28.9 23.7 35.5

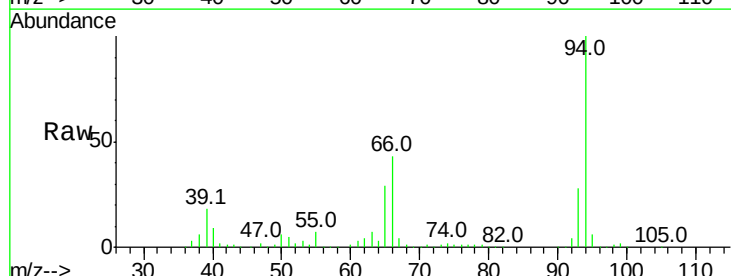


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

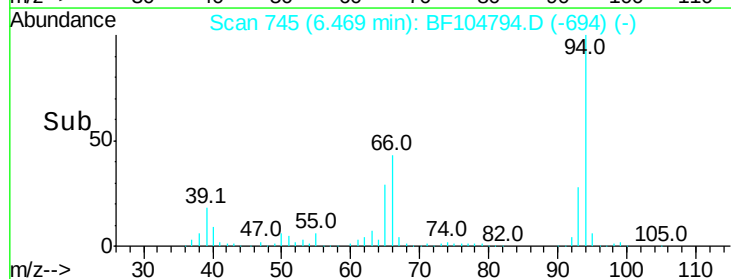
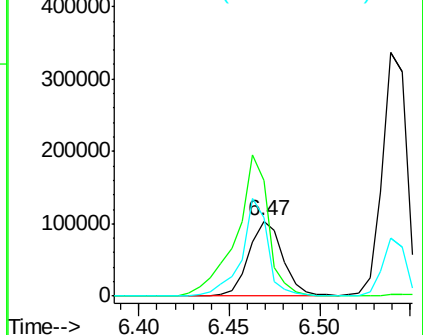


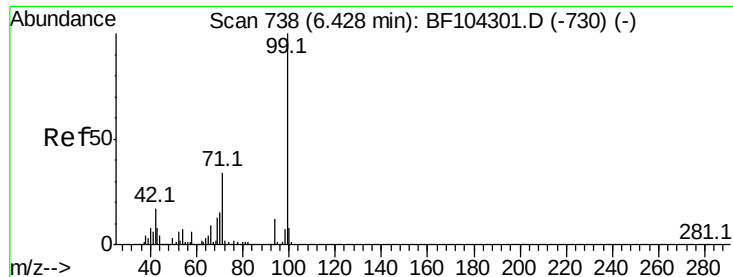
#6
 Aniline
 Concen: 10.143 ng
 RT: 6.47 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF104794.D
 Acq: 25 Apr 2018 17:40

Tgt Ion: 93 Resp: 136175
 Ion Ratio Lower Upper
 93 100
 66 154.2 32.2 48.2#
 65 104.1 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: 121.681 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

Instrument :

BNA_F

ClientSampleId :

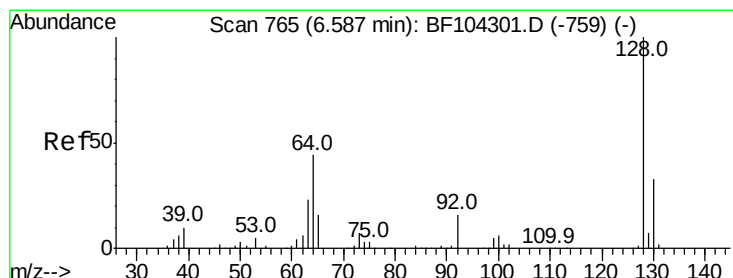
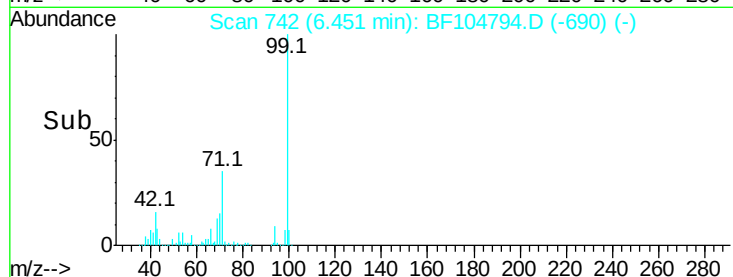
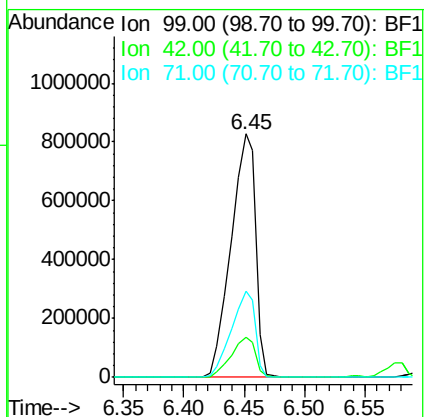
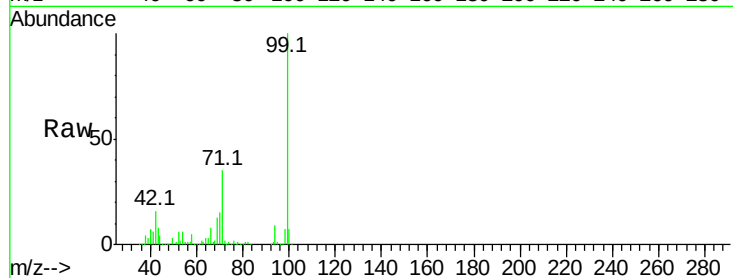
Tot Ion: 99 Resp: 1175826

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

71 35.2 25.4 38.0



#8

2-Chlorophenol

Concen: 40.283 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

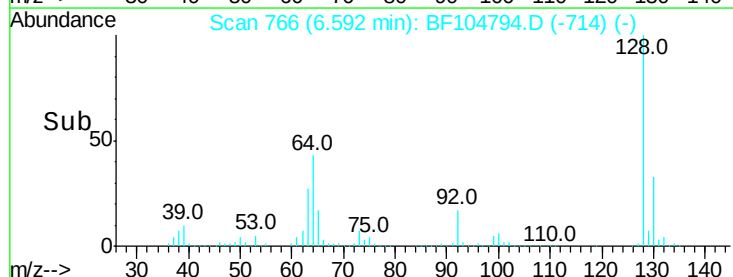
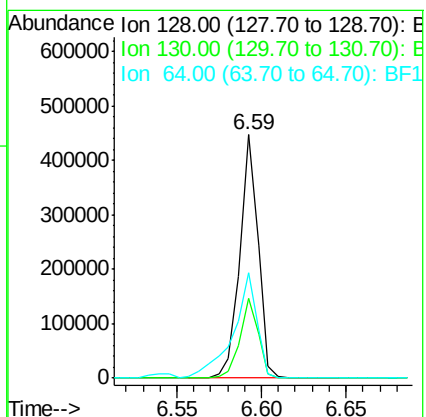
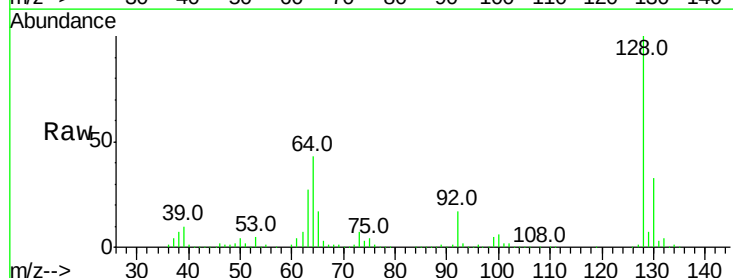
Tgt Ion: 128 Resp: 334387

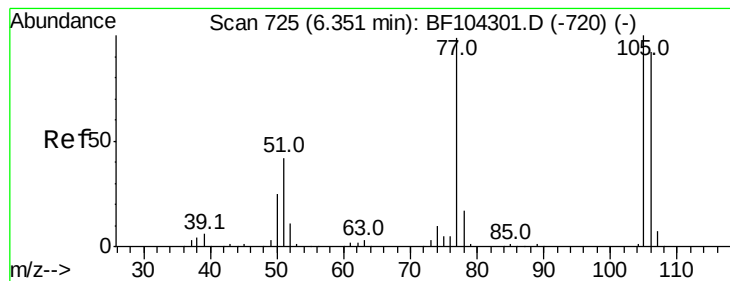
Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

64 43.2 29.4 69.4





#9

Benzaldehyde

Concen: 27.007 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

Instrument :

BNA_F

ClientSampleId :

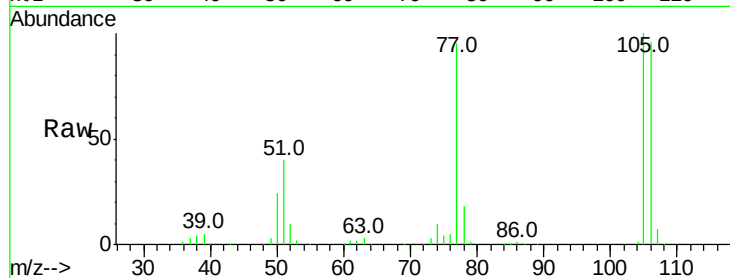
Tot Ion: 77 Resp: 147128

Ion Ratio Lower Upper

77 100

105 104.8 81.1 121.1

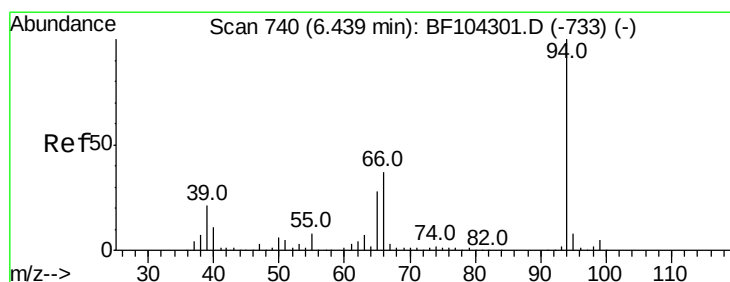
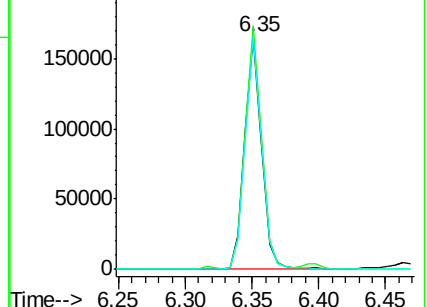
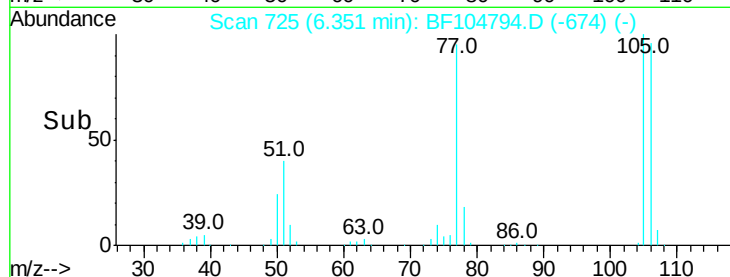
106 100.3 74.5 114.5



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: 38.261 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

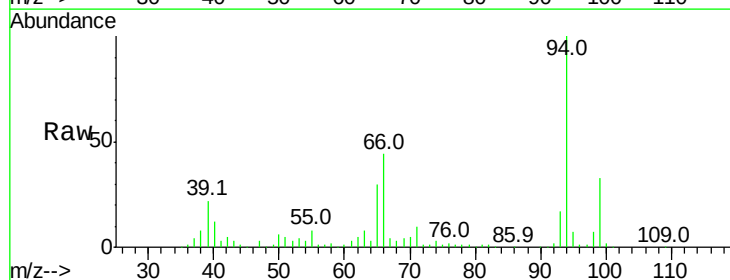
Tgt Ion: 94 Resp: 392288

Ion Ratio Lower Upper

94 100

65 30.5 7.9 47.9

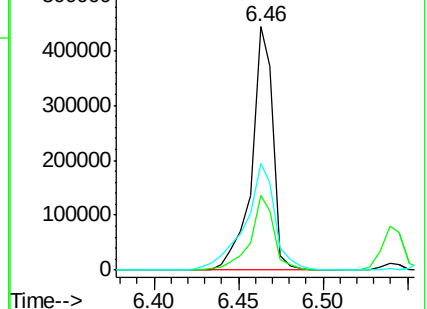
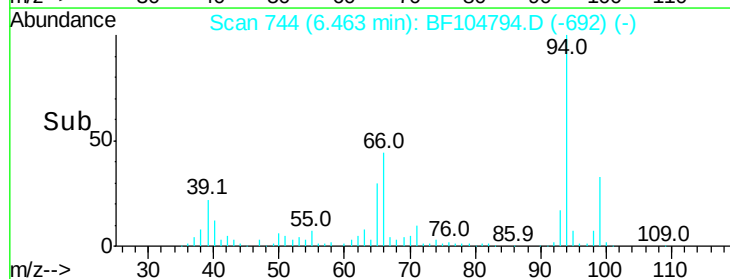
66 43.9 16.2 56.2

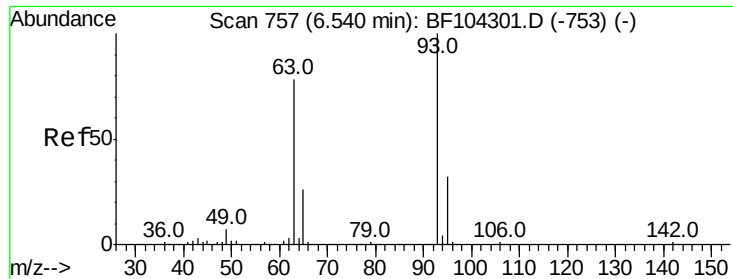


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.971 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

Instrument :

BNA_F

ClientSampleId :

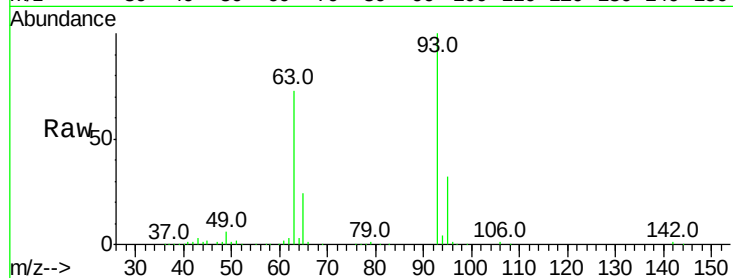
Tot Ion: 93 Resp: 310679

Ion Ratio Lower Upper

93 100

63 73.4 58.6 98.6

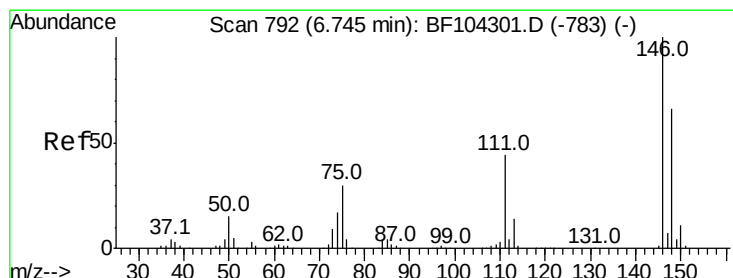
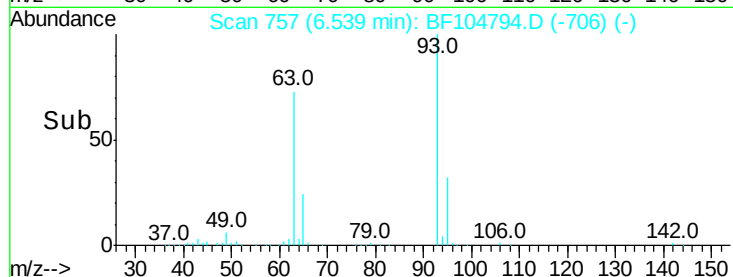
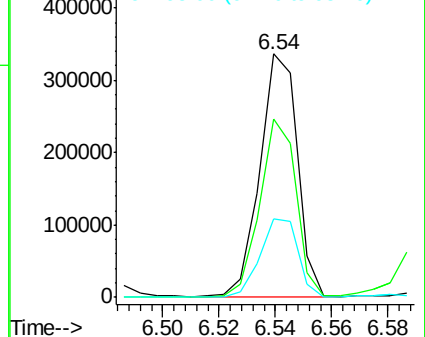
95 32.1 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 36.957 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

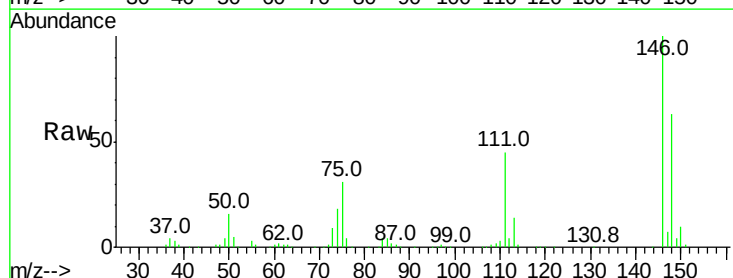
Tgt Ion: 146 Resp: 347550

Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.8

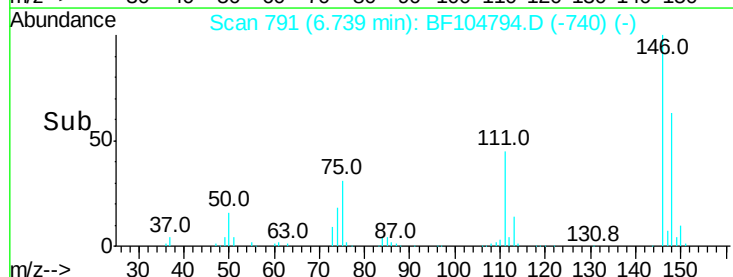
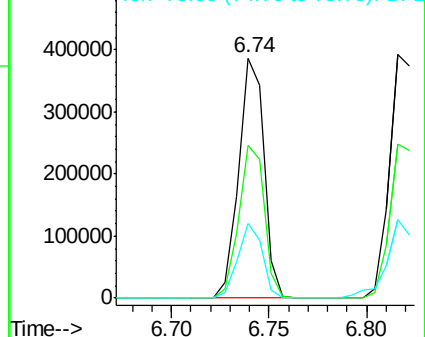
75 31.0 24.2 36.4

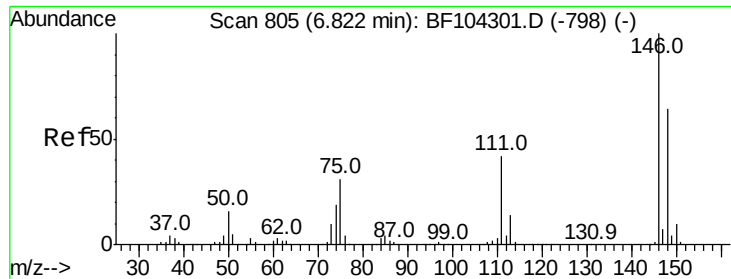


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

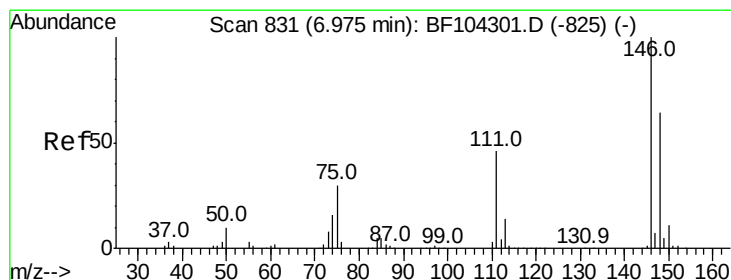
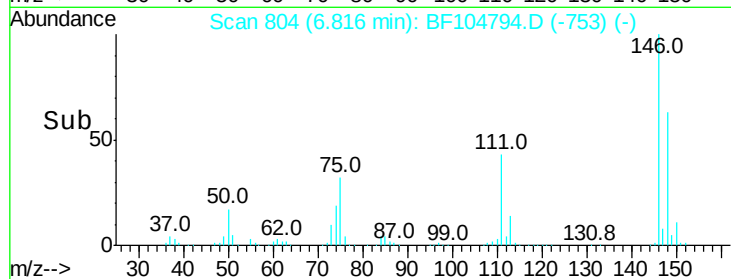
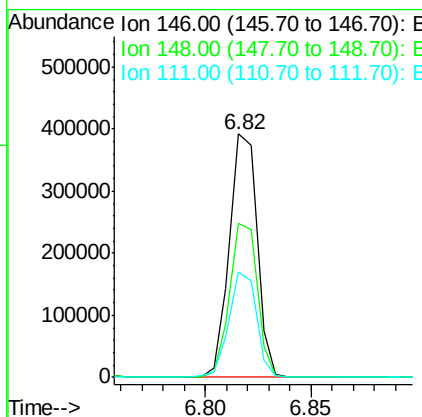
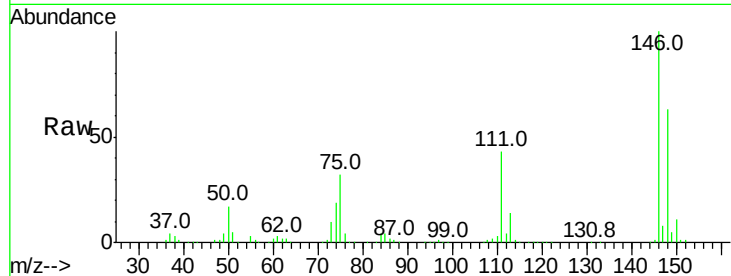




#13
 1,4-Dichlorobenzene
 Concen: 37.975 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF104794.D
 Acq: 25 Apr 2018 17:40

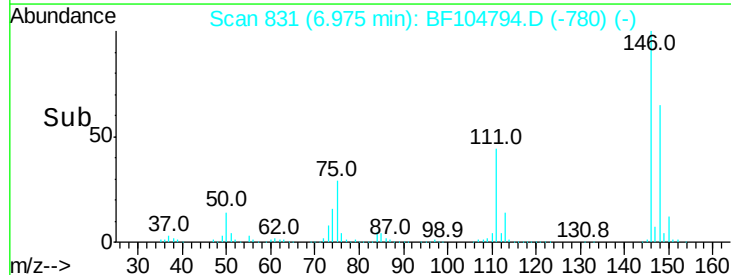
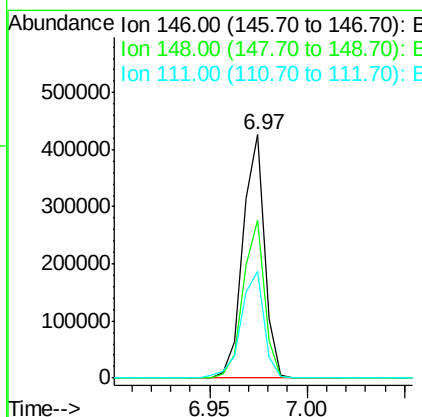
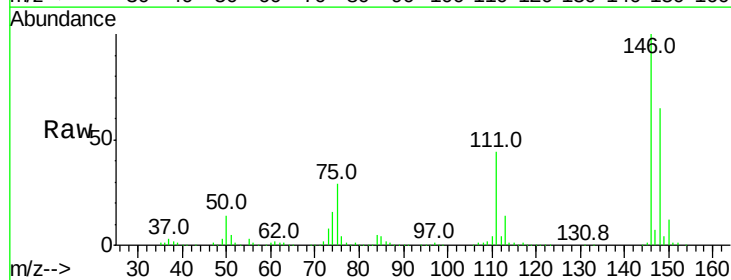
Instrument :
 BNA_F
 ClientSampleId :

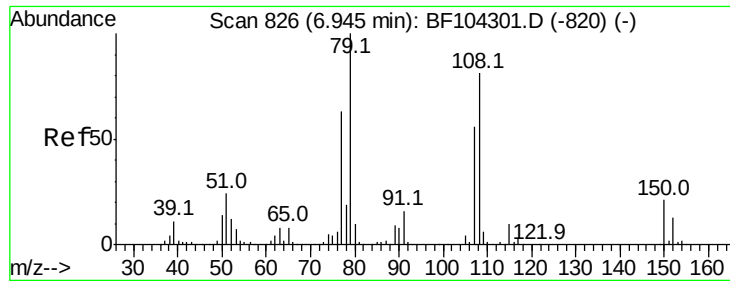
Tot Ion:146 Resp: 355984
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.8 76.2
 111 43.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 37.721 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF104794.D
 Acq: 25 Apr 2018 17:40

Tgt Ion:146 Resp: 327685
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.6 75.8
 111 43.7 36.0 54.0

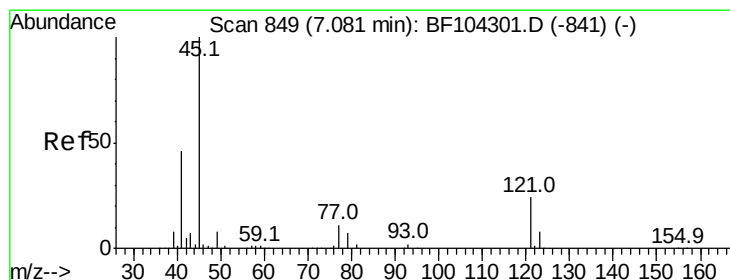
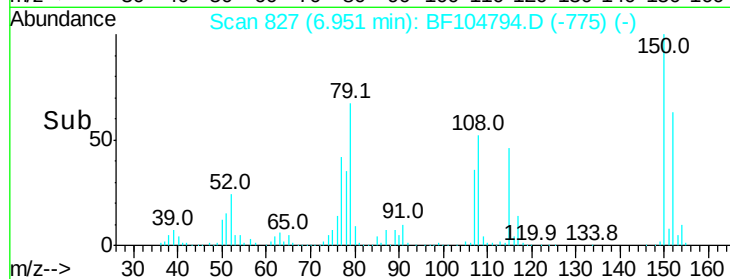
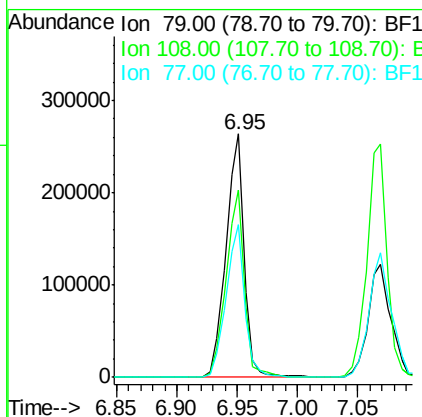
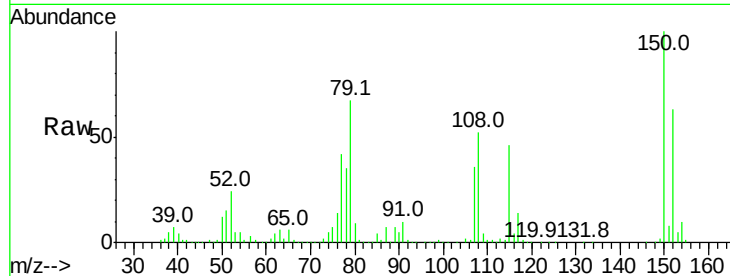




#15
Benzyl Alcohol
Concen: 37.433 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF104794.D
Acq: 25 Apr 2018 17:40

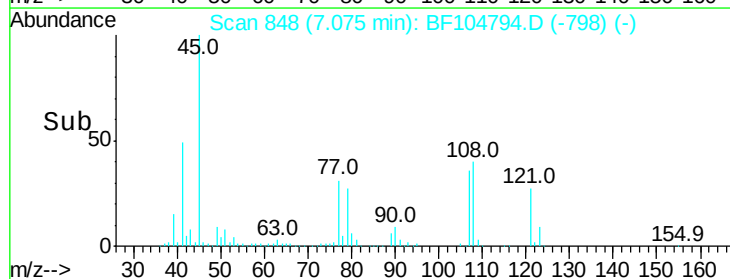
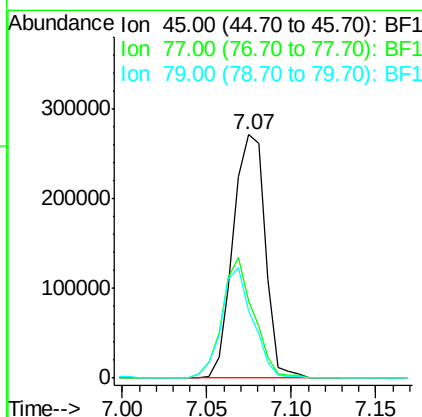
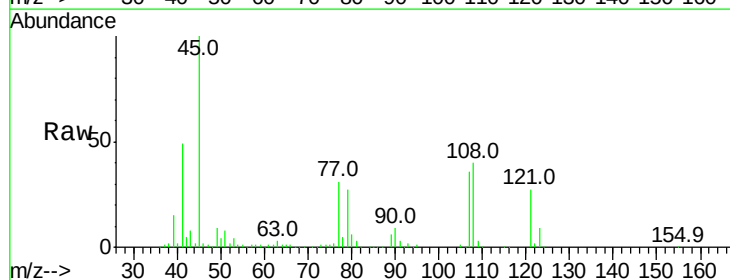
Instrument :
BNA_F
ClientSampleId :

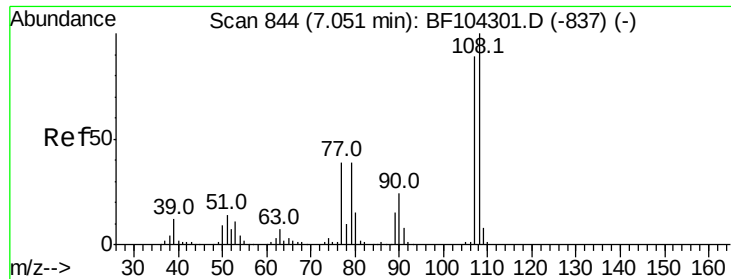
Tot Ion: 79 Resp: 274739
Ion Ratio Lower Upper
79 100
108 77.1 65.1 97.7
77 62.6 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.689 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF104794.D
Acq: 25 Apr 2018 17:40

Tgt Ion: 45 Resp: 359191
Ion Ratio Lower Upper
45 100
77 31.5 0.0 32.9
79 27.3 0.0 29.6

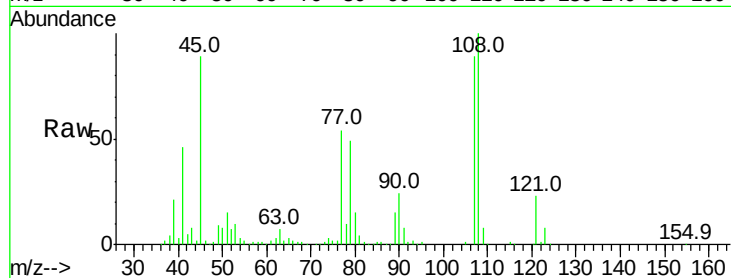




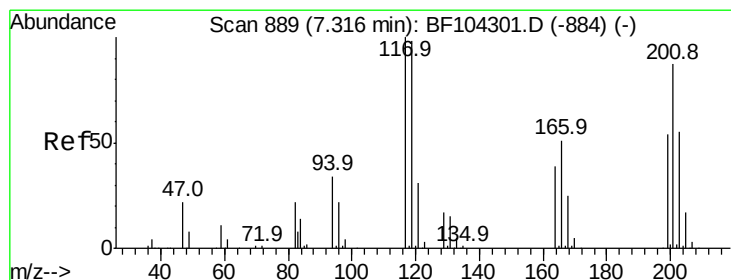
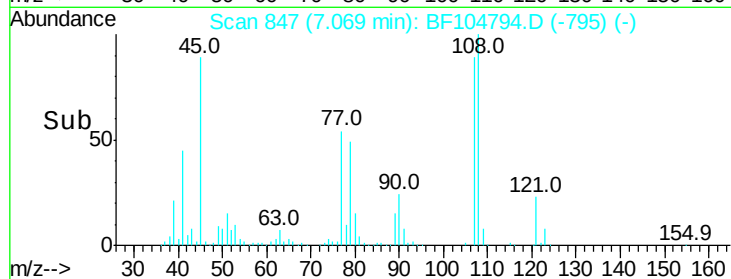
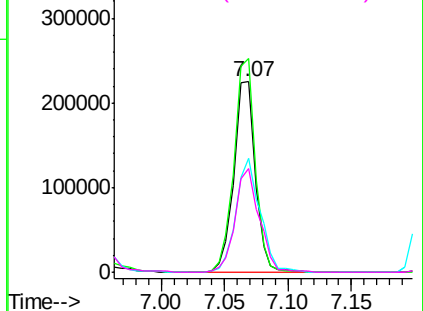
#17
2-Methylphenol
Concen: 36.612 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.01 min
Lab File: BF104794.D
Acq: 25 Apr 2018 17:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 264178
Ion Ratio Lower Upper
107 100
108 112.1 91.7 137.5
77 60.0 33.8 50.8#
79 54.7 33.8 50.8#

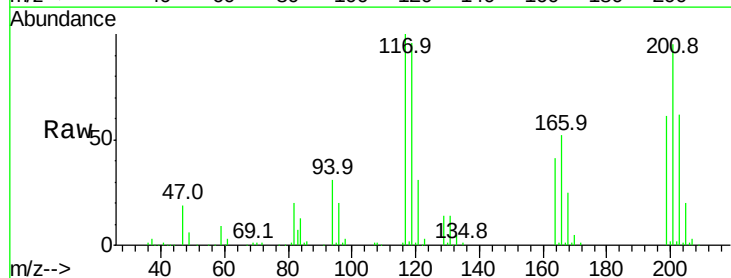


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

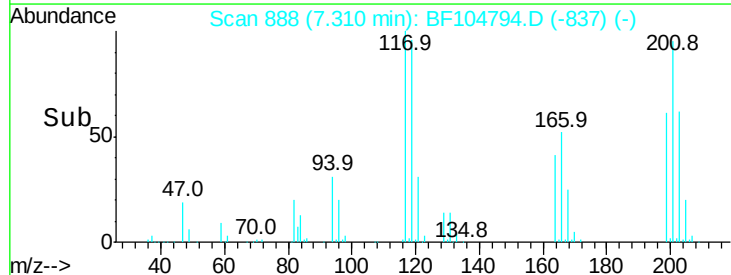
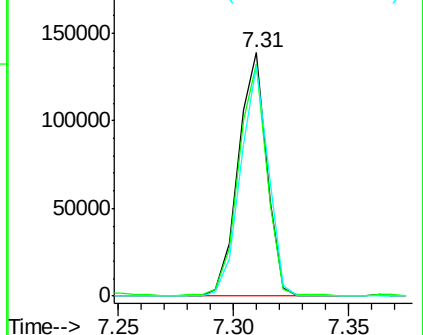


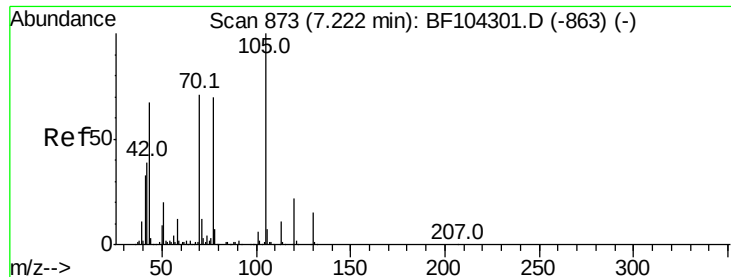
#18
Hexachloroethane
Concen: 35.823 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF104794.D
Acq: 25 Apr 2018 17:40

Tgt Ion:117 Resp: 119731
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.8
201 94.7 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

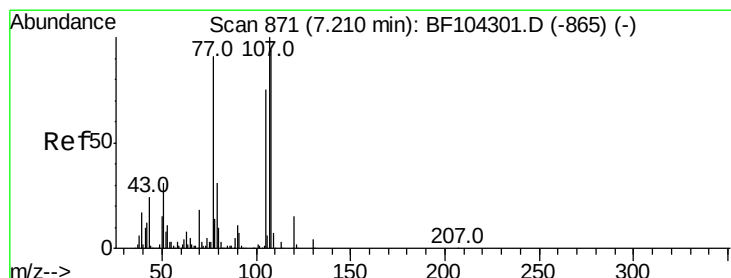
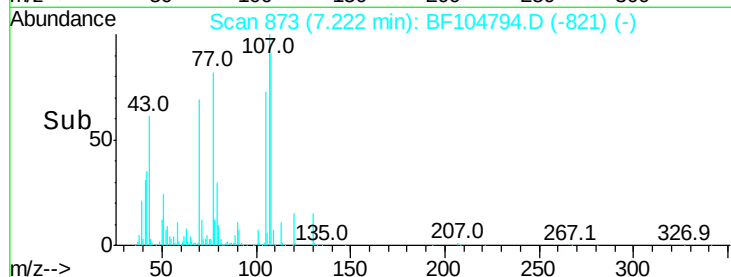
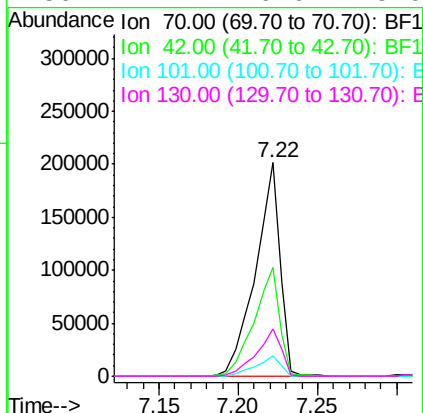
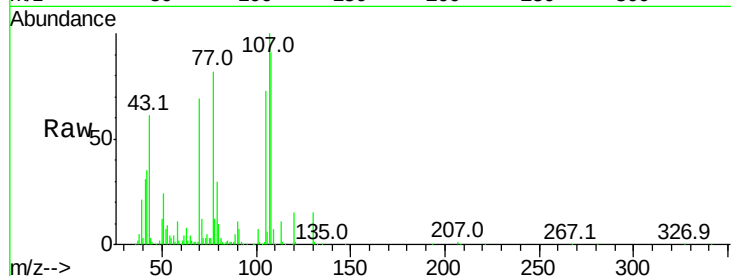




#19
n-Nitroso-di-n-propylamine
Concen: 34.789 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104794.D
Acq: 25 Apr 2018 17:40

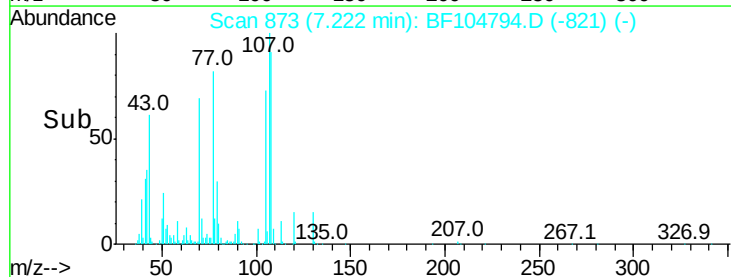
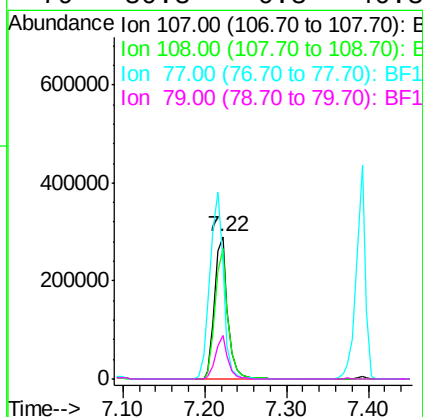
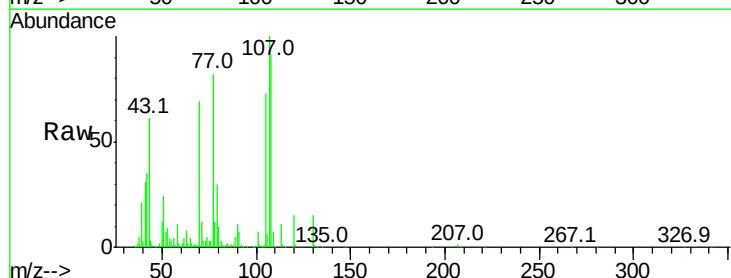
Instrument :
BNA_F
ClientSampleId :

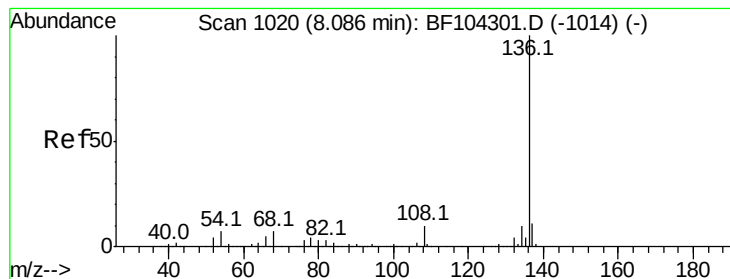
Tot Ion: 70 Resp: 219676
Ion Ratio Lower Upper
70 100
42 50.7 47.5 71.3
101 9.5 7.4 11.2
130 22.2 16.6 25.0



#20
3+4-Methylphenols
Concen: 36.303 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104794.D
Acq: 25 Apr 2018 17:40

Tgt Ion: 107 Resp: 324880
Ion Ratio Lower Upper
107 100
108 91.5 68.2 108.2
77 81.8 26.7 66.7#
79 30.3 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 494395

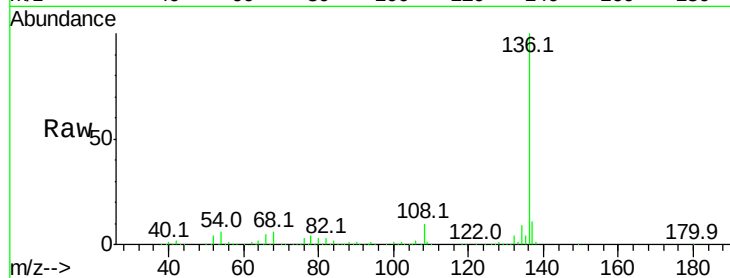
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.3 6.6 9.8#

68 5.5 5.0 7.4

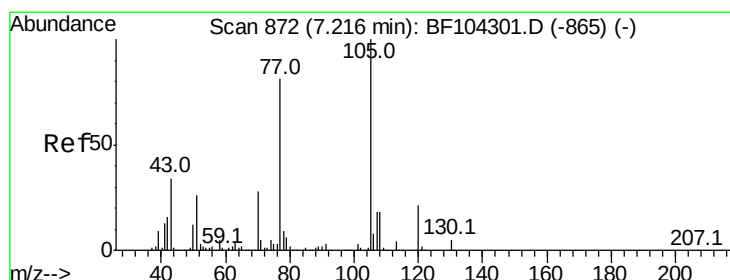
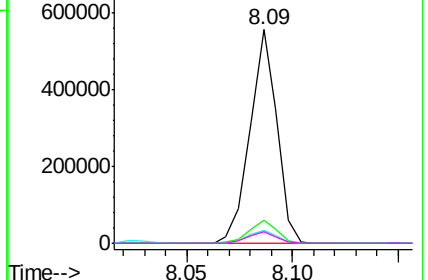
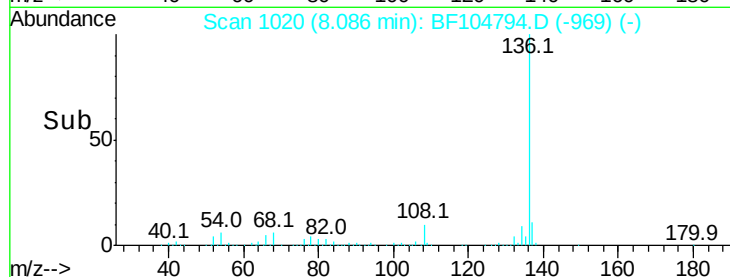


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 37.599 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

Tgt Ion:105 Resp: 457641

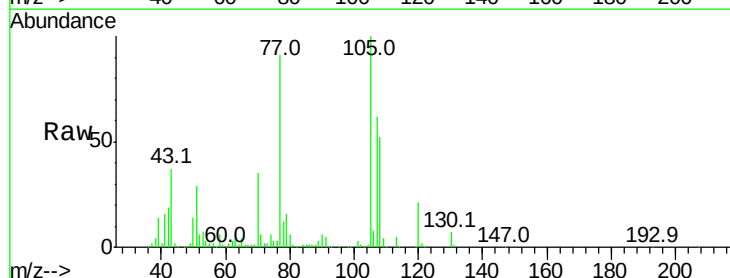
Ion Ratio Lower Upper

105 100

71 6.0 4.4 6.6

51 29.5 22.3 33.5

120 20.5 16.9 25.3

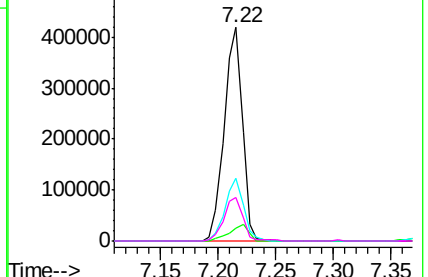
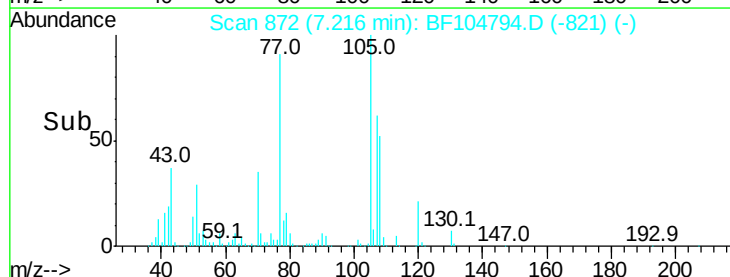


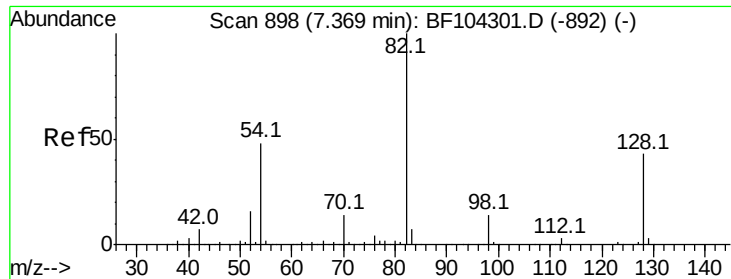
Abundance Ion 105.00 (104.70 to 105.70): E

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





#23

Nitrobenzene-d5

Concen: 101.635 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

Instrument :

BNA_F

ClientSampled :

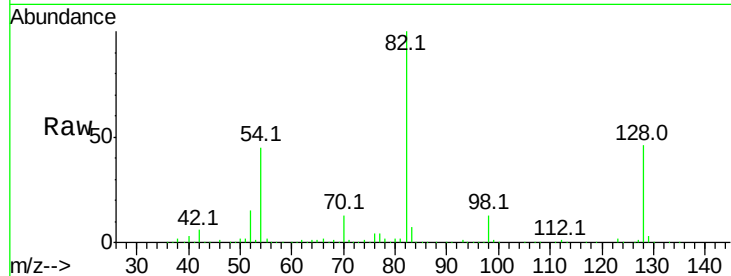
Tot Ion: 82 Resp: 769518

Ion Ratio Lower Upper

82 100

128 46.5 36.1 54.1

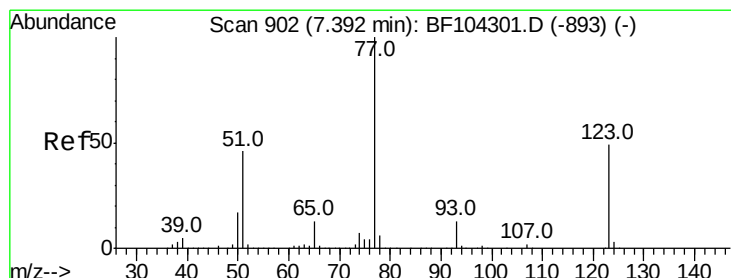
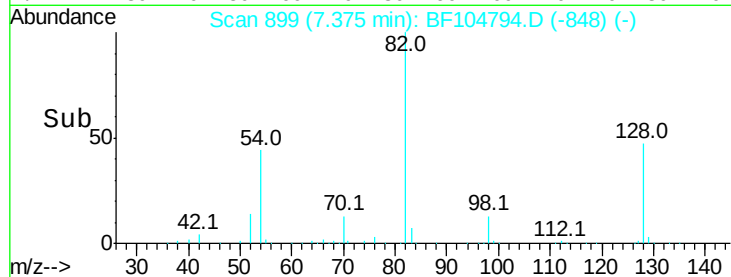
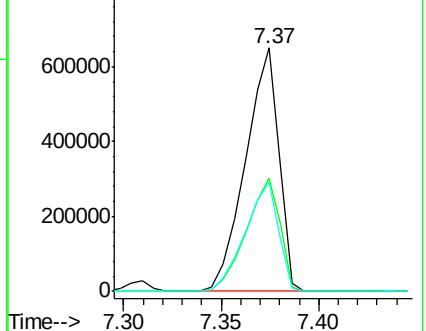
54 44.6 41.4 62.2



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: 40.593 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.00 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

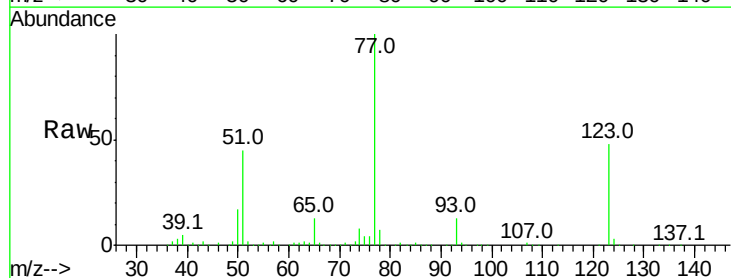
Tgt Ion: 77 Resp: 339330

Ion Ratio Lower Upper

77 100

123 48.4 37.9 56.9

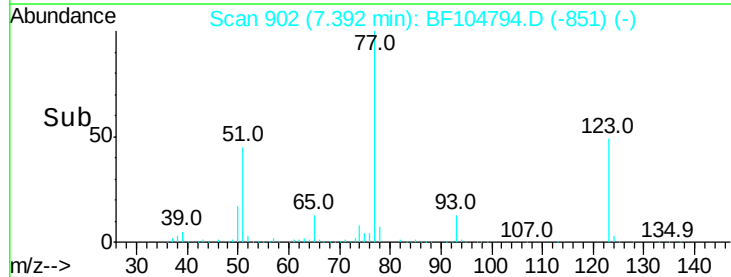
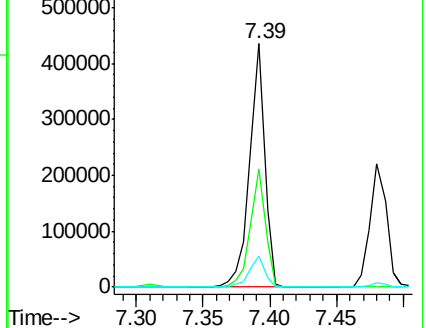
65 12.9 11.0 16.4

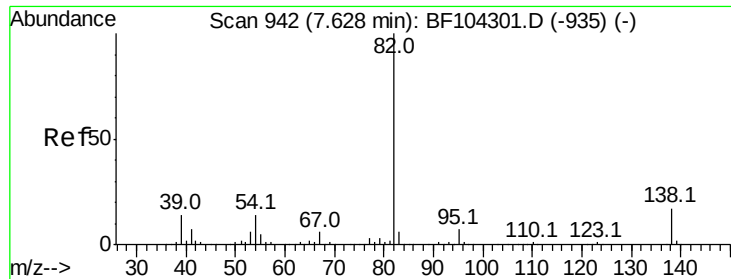


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.403 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

Instrument :

BNA_F

ClientSampleId :

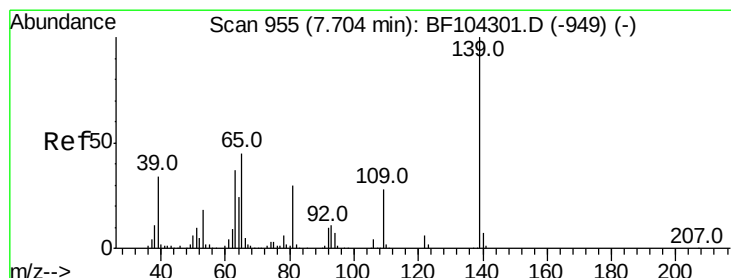
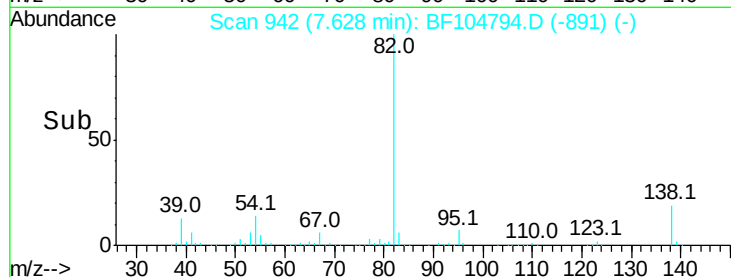
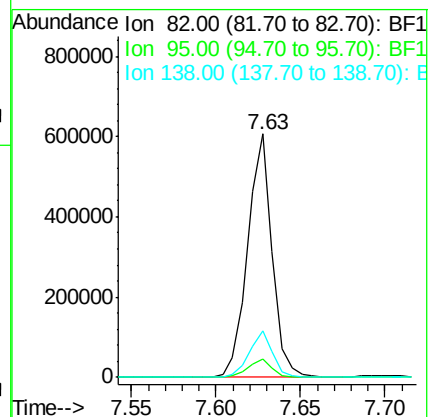
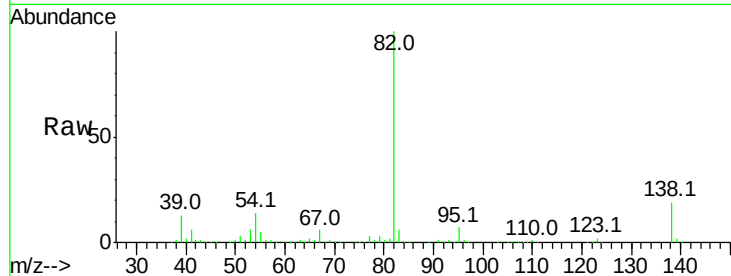
Tot Ion: 82 Resp: 614851

Ion Ratio Lower Upper

82 100

95 7.4 5.2 7.8

138 19.0 14.9 22.3



#26

2-Nitrophenol

Concen: 53.417 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

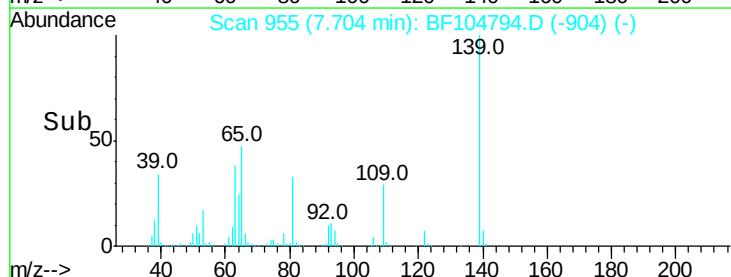
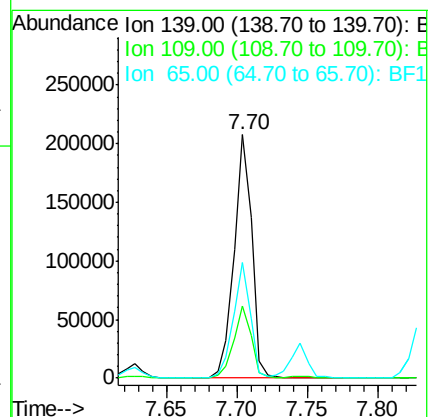
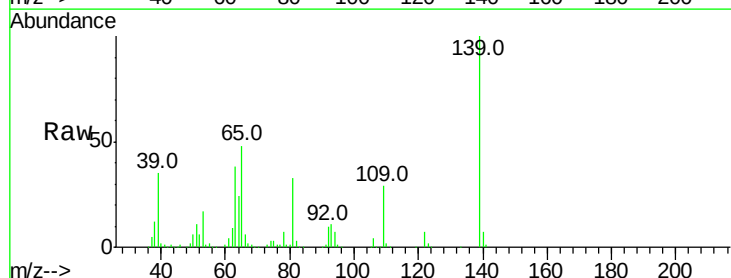
Tgt Ion: 139 Resp: 181784

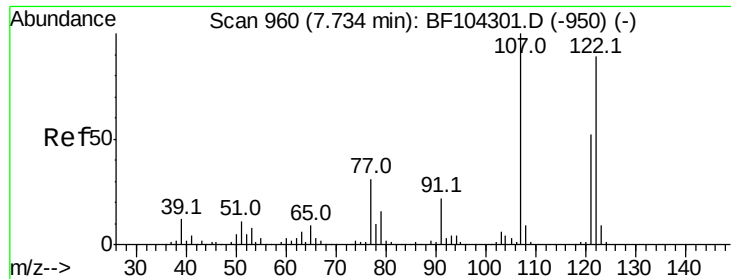
Ion Ratio Lower Upper

139 100

109 29.4 22.7 34.1

65 47.7 40.5 60.7

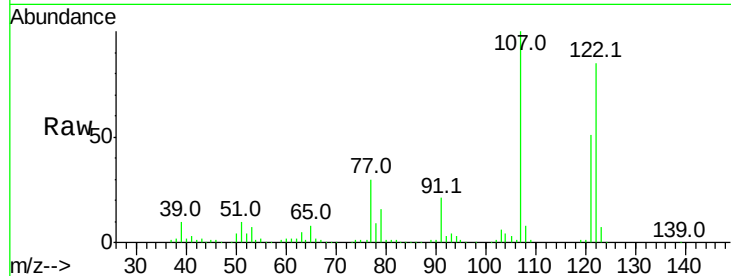




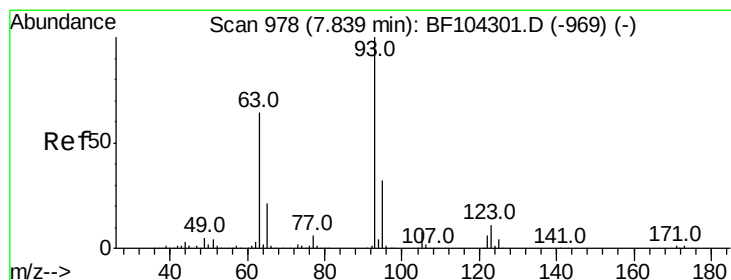
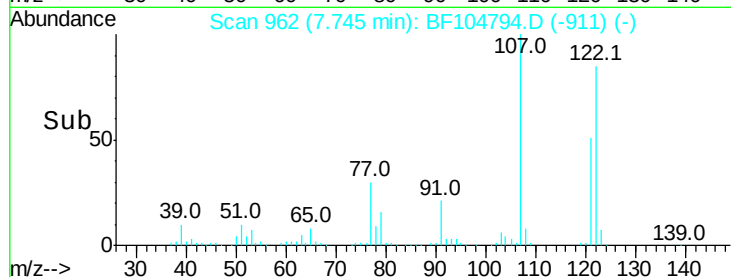
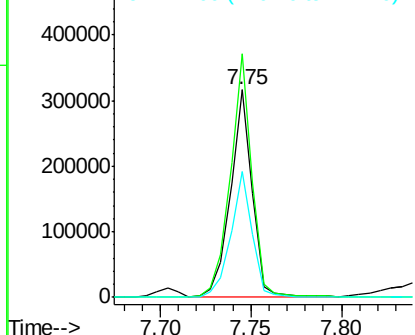
#27
2,4-Dimethylphenol
Concen: 37.431 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF104794.D
Acq: 25 Apr 2018 17:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 264488
Ion Ratio Lower Upper
122 100
107 117.4 91.2 136.8
121 60.4 47.2 70.8

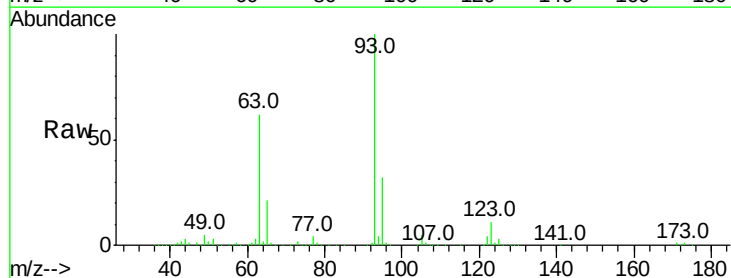


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

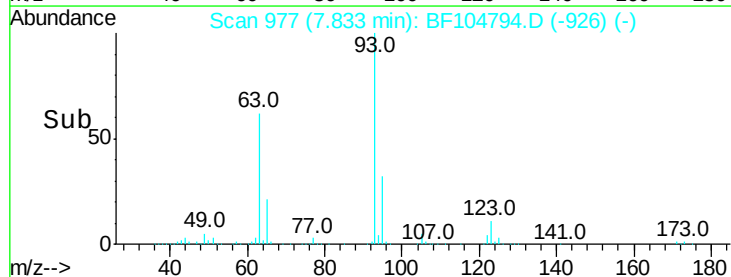
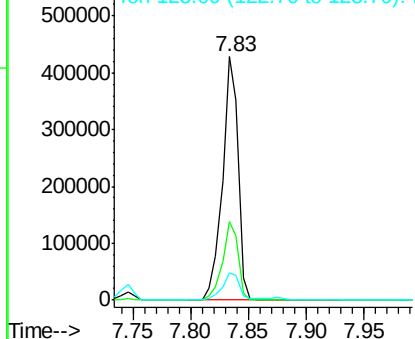


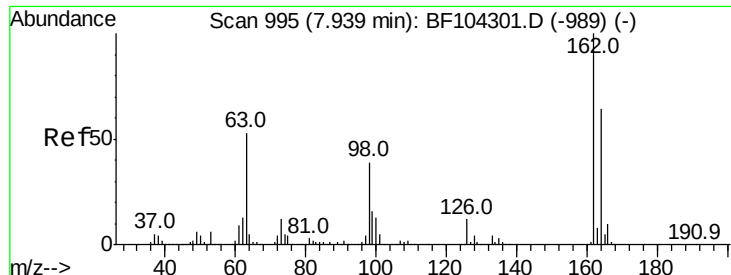
#28
bis(2-Chloroethoxy)methane
Concen: 41.234 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF104794.D
Acq: 25 Apr 2018 17:40

Tgt Ion: 93 Resp: 403642
Ion Ratio Lower Upper
93 100
95 32.2 26.3 39.5
123 11.0 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.379 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

Instrument :

BNA_F

ClientSampled :

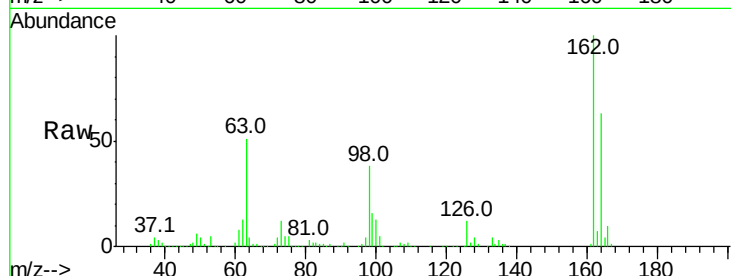
Tot Ion:162 Resp: 278980

Ion Ratio Lower Upper

162 100

164 63.4 42.7 82.7

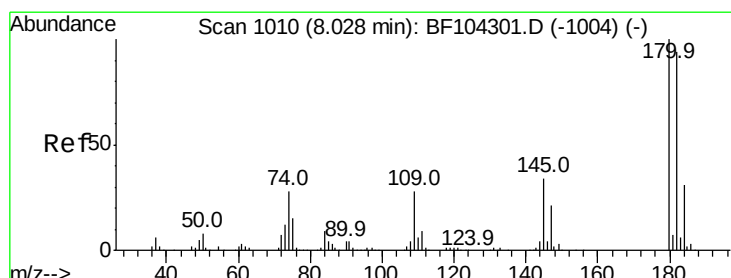
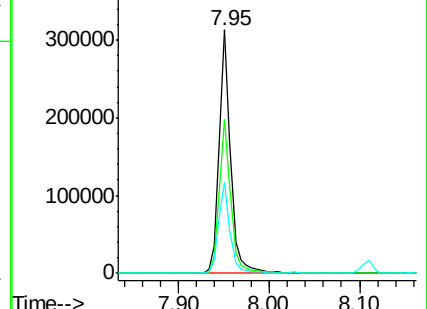
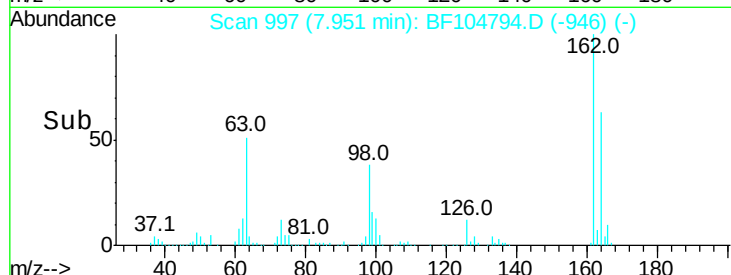
98 37.8 18.1 58.1



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: 38.337 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

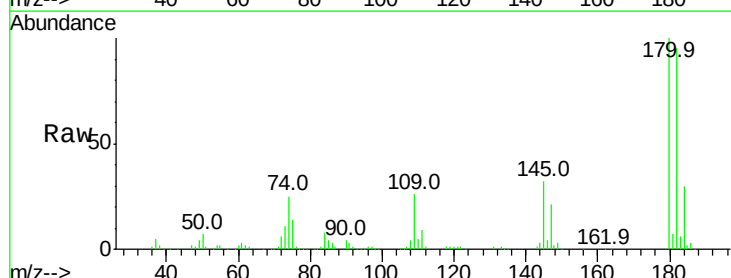
Tgt Ion:180 Resp: 283660

Ion Ratio Lower Upper

180 100

182 94.8 76.8 115.2

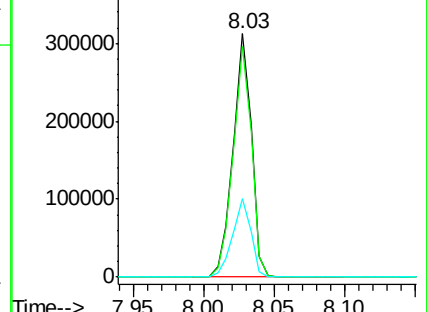
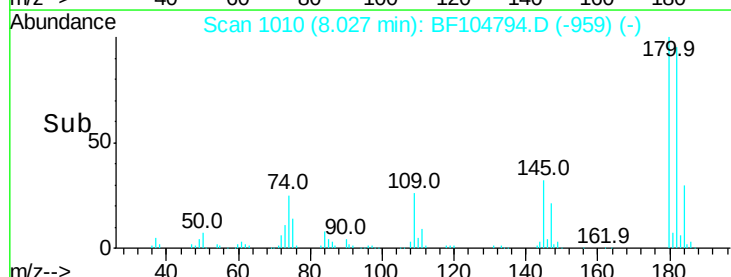
145 32.4 26.5 39.7

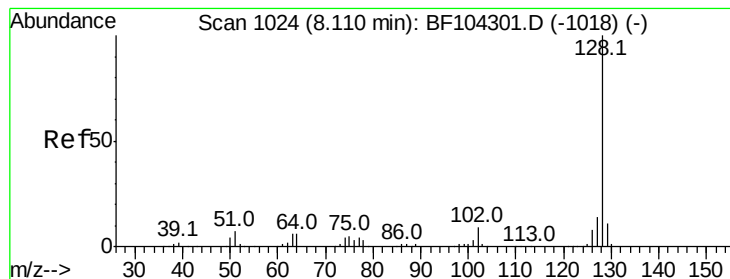


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.192 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

Instrument :

BNA_F

ClientSampleId :

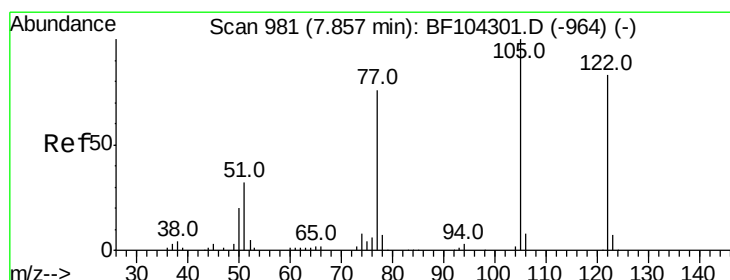
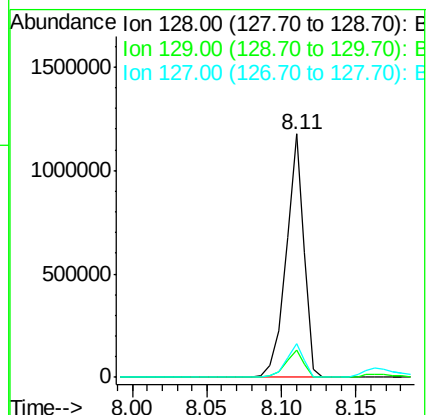
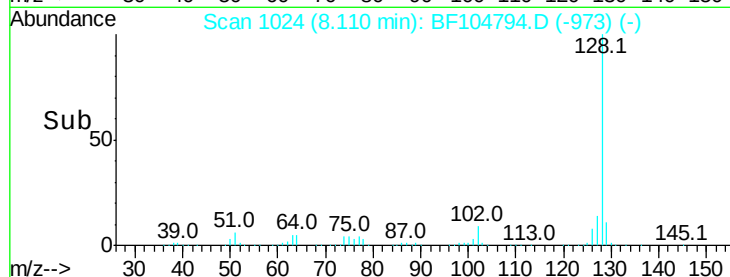
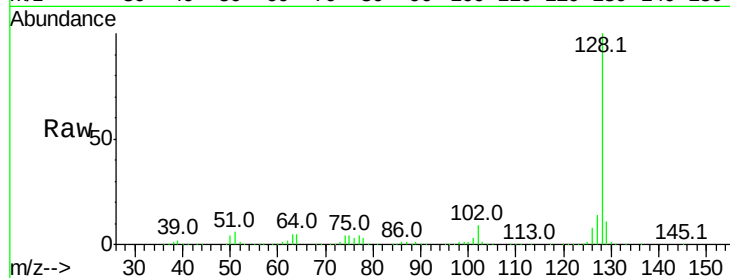
Tot Ion:128 Resp: 989467

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

127 13.7 10.9 16.3



#32

Benzoic acid

Concen: 21.952 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

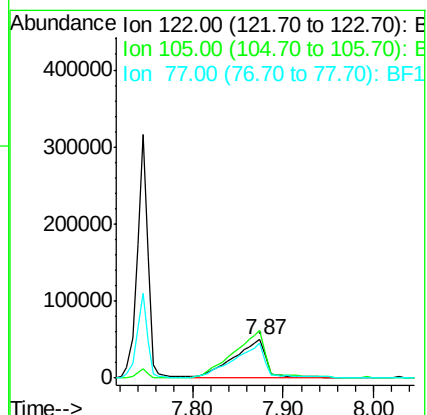
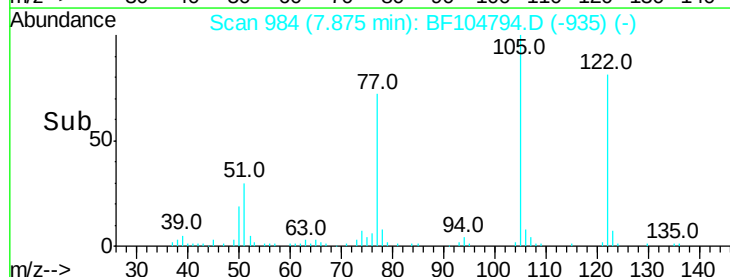
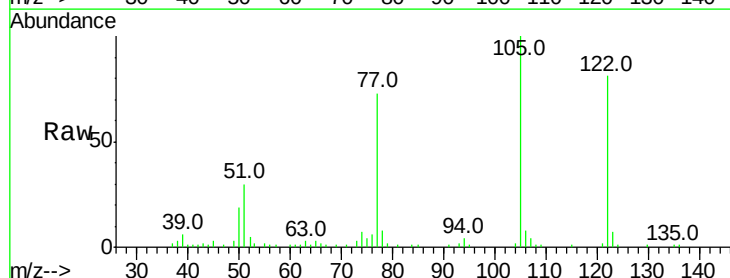
Tgt Ion:122 Resp: 123763

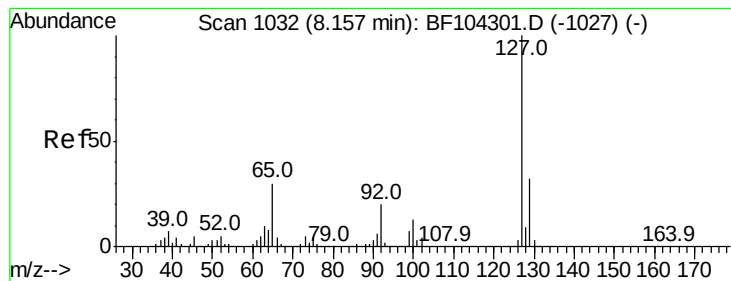
Ion Ratio Lower Upper

122 100

105 123.6 101.1 141.1

77 89.8 70.7 110.7





#33

4-Chloroaniline

Concen: 7.429 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 78355

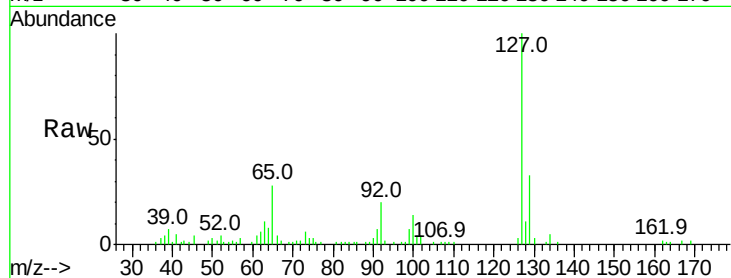
Ion Ratio Lower Upper

127 100

129 33.4 25.9 38.9

65 28.4 25.0 37.4

92 19.9 15.2 22.8

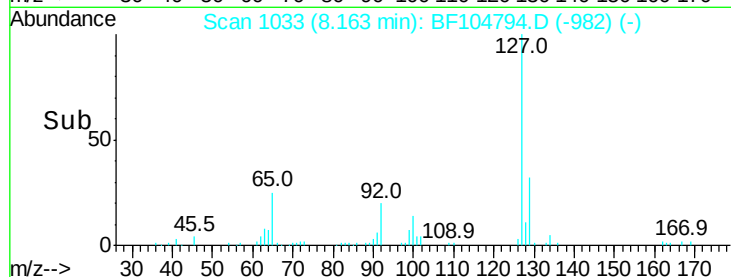


Abundance Ion 127.00 (126.70 to 127.70): E

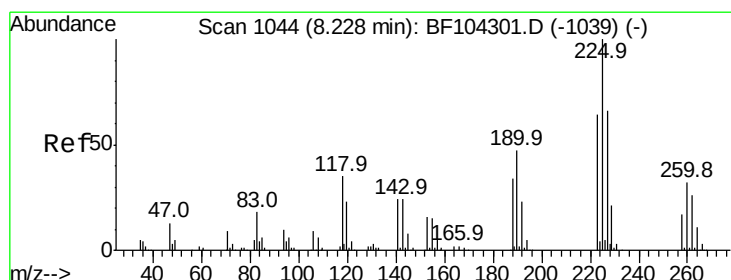
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



Time-->



#34

Hexachlorobutadiene

Concen: 37.789 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

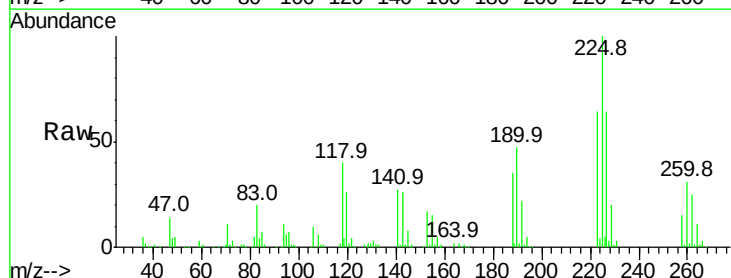
Tgt Ion:225 Resp: 153150

Ion Ratio Lower Upper

225 100

223 63.6 50.6 76.0

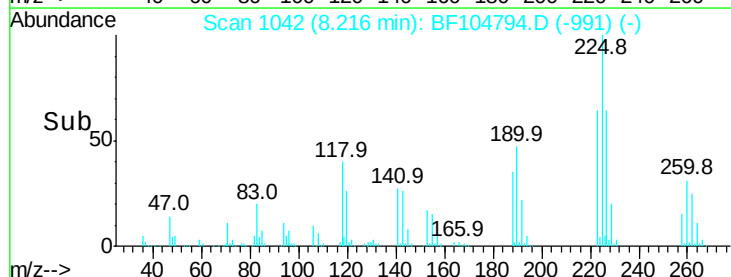
227 64.5 51.9 77.9



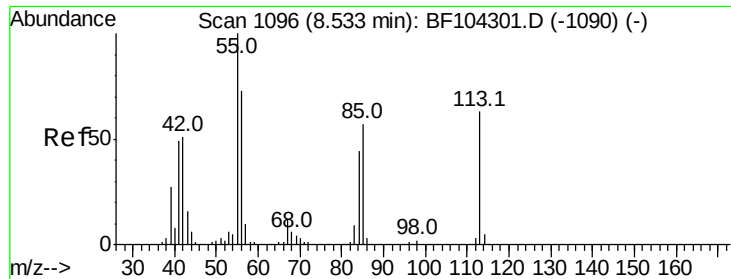
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



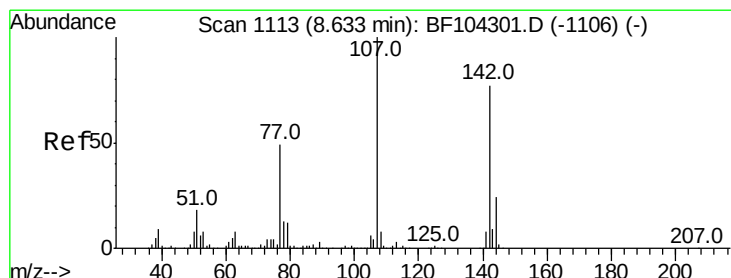
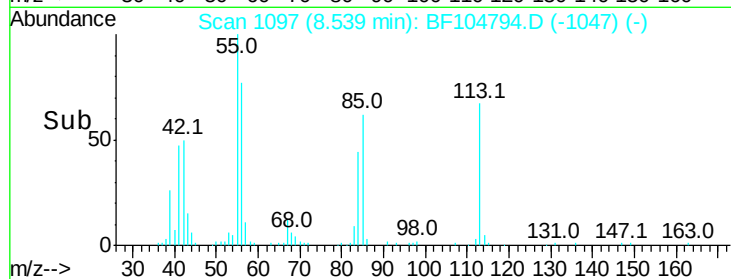
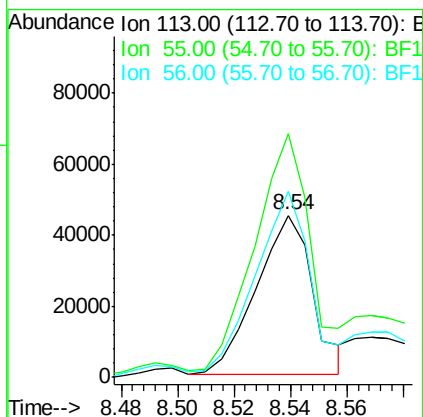
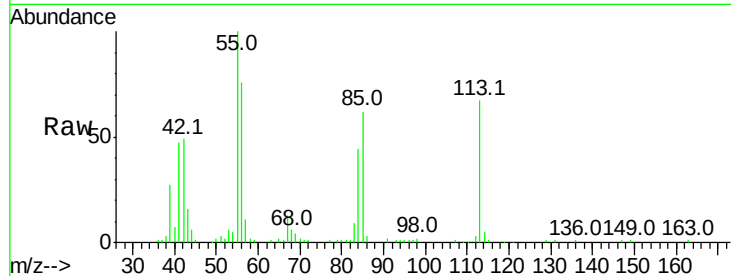
Time-->



#35
 Caprolactam
 Concen: 26.034 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF104794.D
 Acq: 25 Apr 2018 17:40

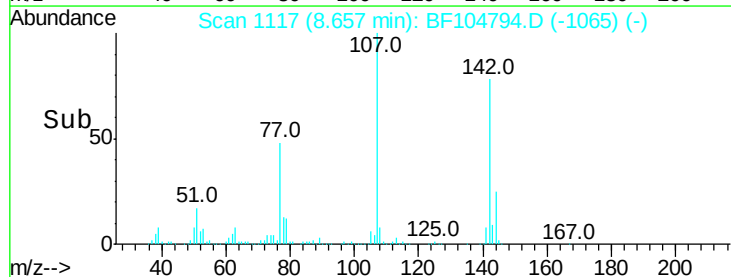
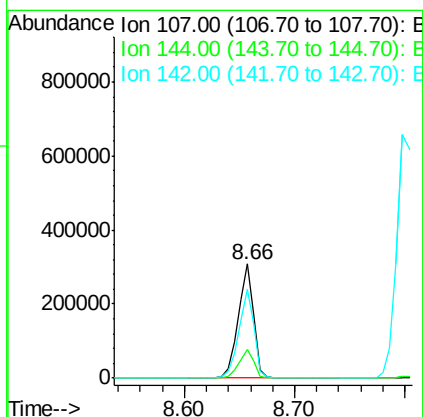
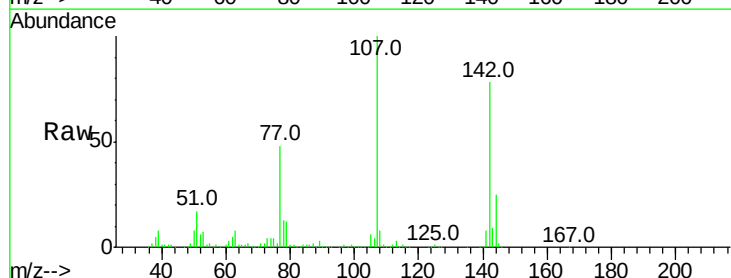
Instrument :
 BNA_F
 ClientSampleId :

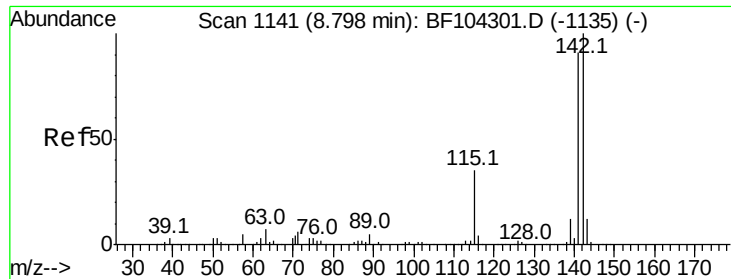
Tot Ion:113 Resp: 61232
 Ion Ratio Lower Upper
 113 100
 55 150.3 163.3 203.3#
 56 114.6 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 41.633 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF104794.D
 Acq: 25 Apr 2018 17:40

Tgt Ion:107 Resp: 300977
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.5 30.7
 142 78.0 62.0 93.0

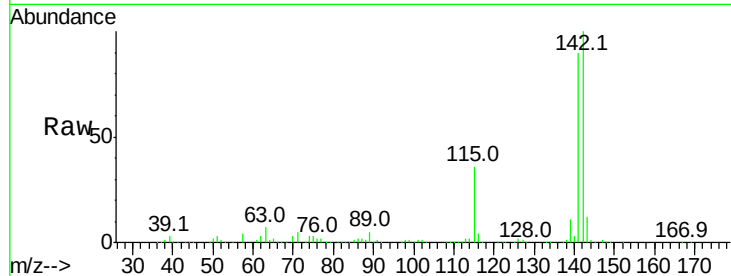




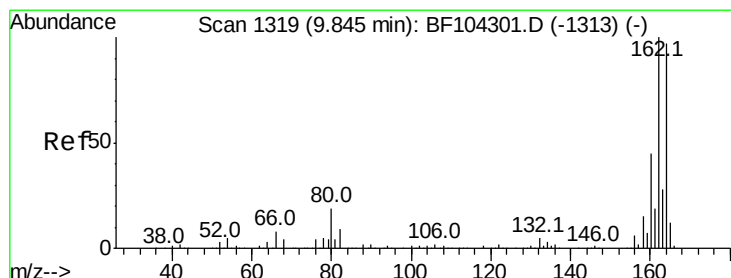
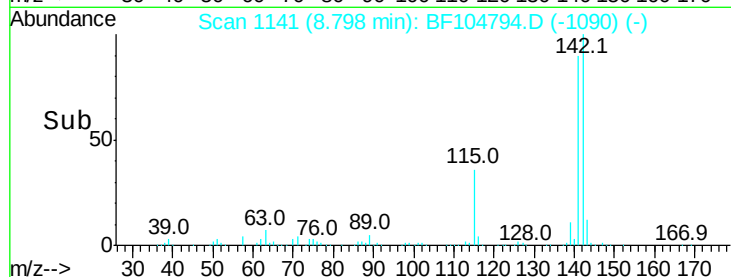
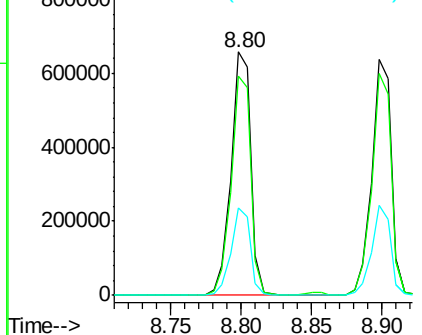
#37
 2-Methylnaphthalene
 Concen: 40.080 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF104794.D
 Acq: 25 Apr 2018 17:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.8	106.2
115	35.8	26.1	39.1

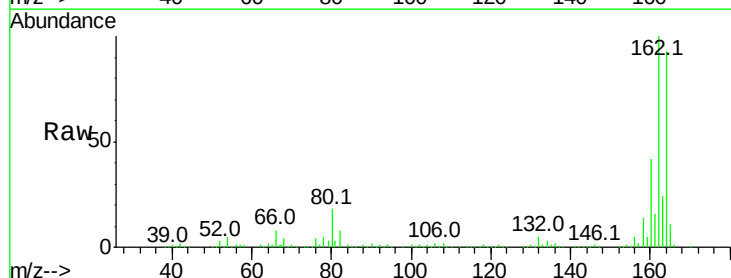


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

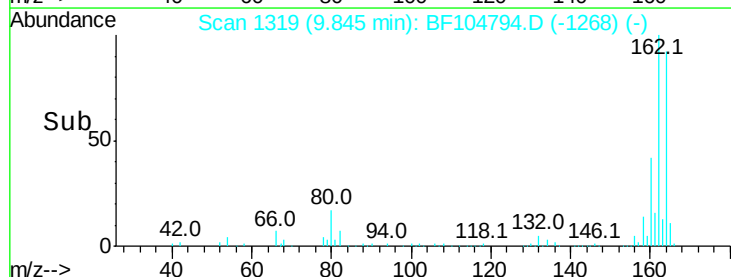
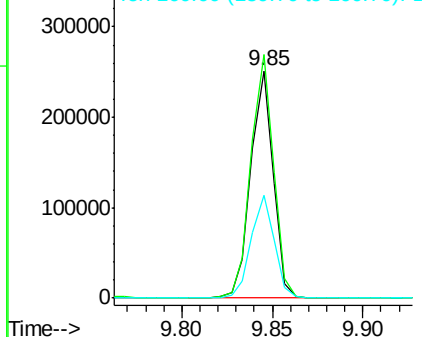


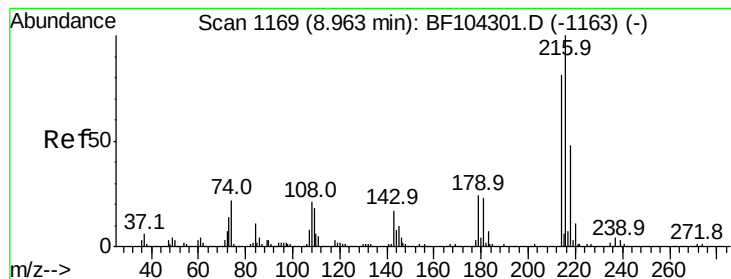
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104794.D
 Acq: 25 Apr 2018 17:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.1	86.1	129.1
160	45.2	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: 42.553 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF104794.D

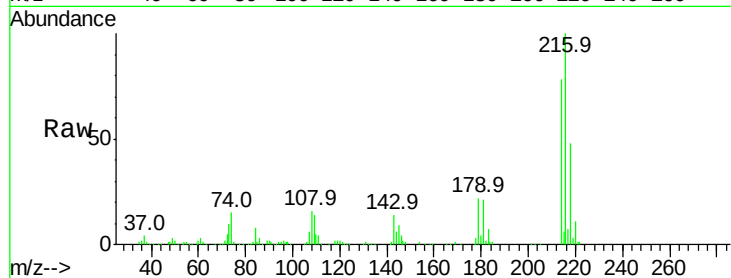
Acq: 25 Apr 2018 17:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	264067
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.4
179	22.5	18.1	27.1
108	19.6	17.2	25.8

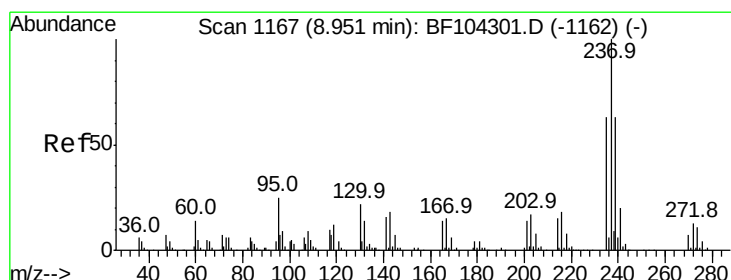
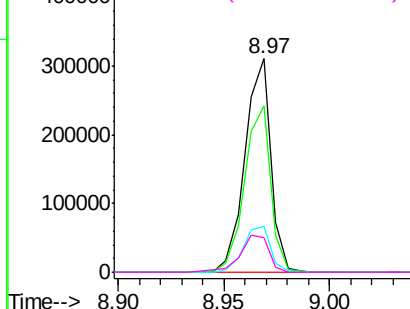
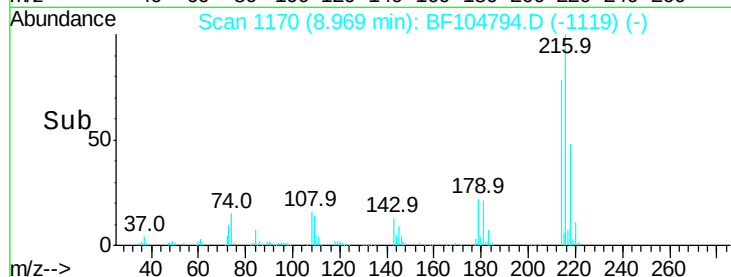


Abundance Ion 216.00 (215.70 to 216.70): E

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: 14.945 ng

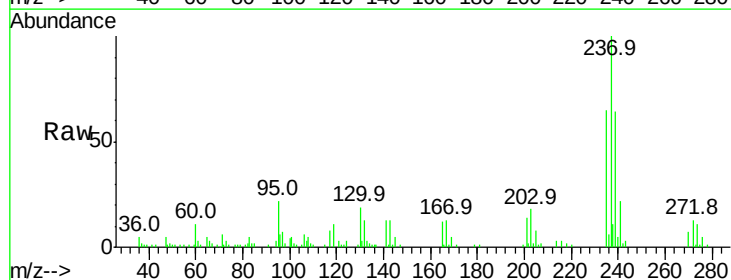
RT: 8.95 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

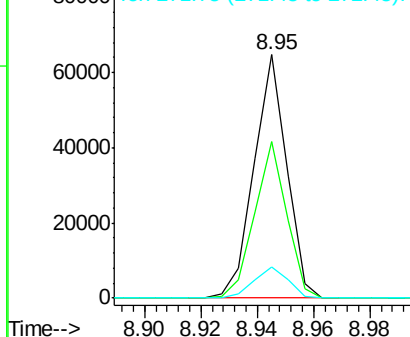
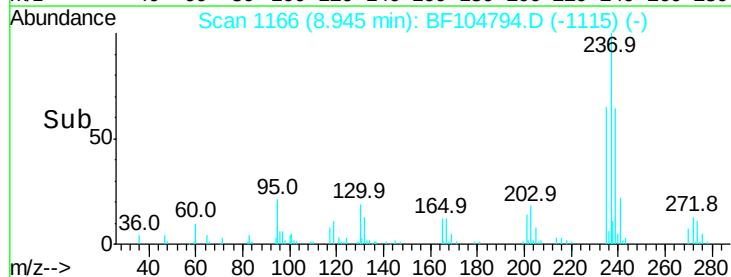
Tgt Ion:	237	Resp:	51919
Ion	Ratio	Lower	Upper
237	100		
235	64.6	44.8	84.8
272	12.8	0.0	33.3

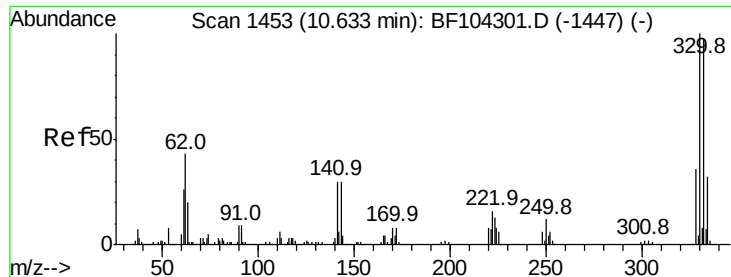


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 116.950 ng

RT: 10.64 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

Instrument :

BNA_F

ClientSampleId :

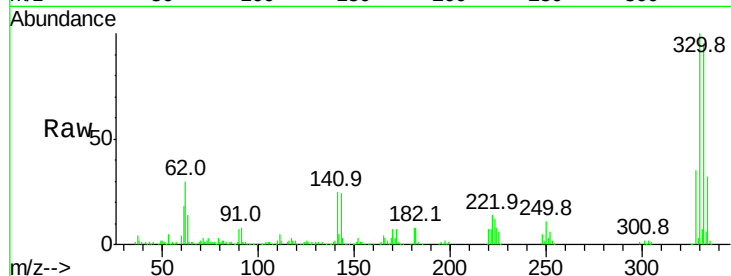
Tot Ion:330 Resp: 262990

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

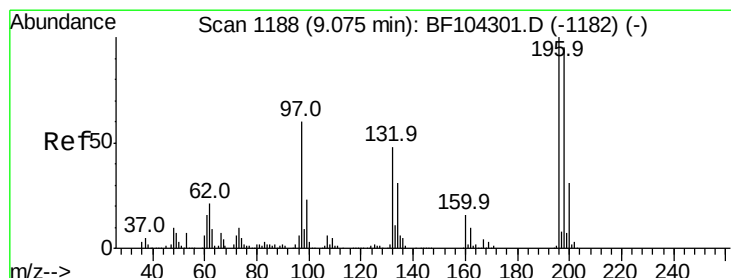
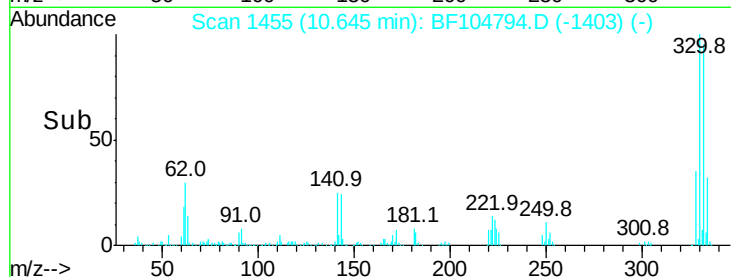
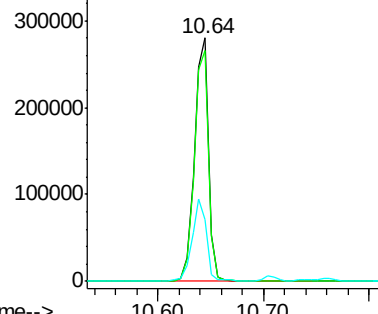
141 33.9 29.9 44.9



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: 42.947 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.01 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

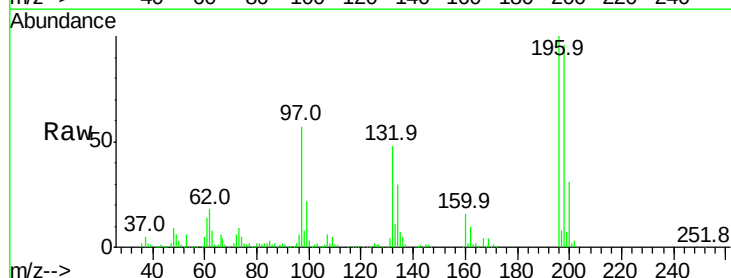
Tgt Ion:196 Resp: 185006

Ion Ratio Lower Upper

196 100

198 95.8 75.7 113.5

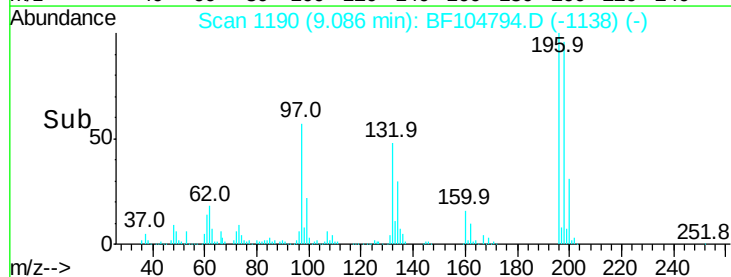
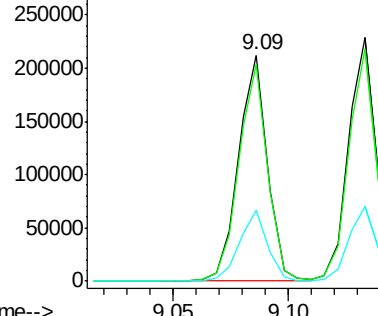
200 31.1 24.5 36.7

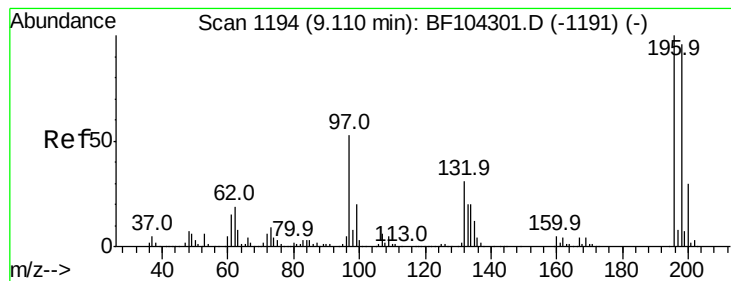


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

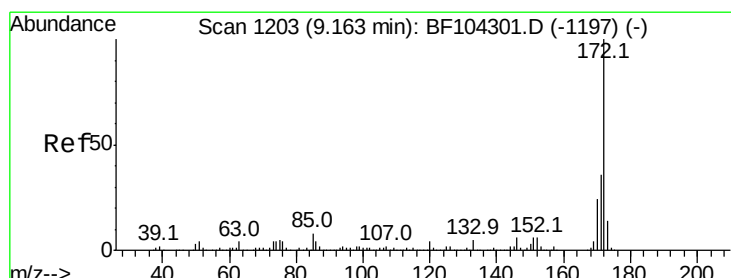
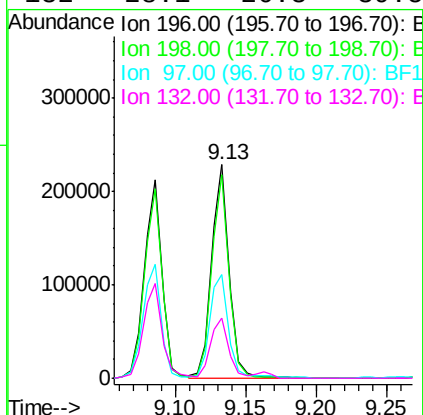
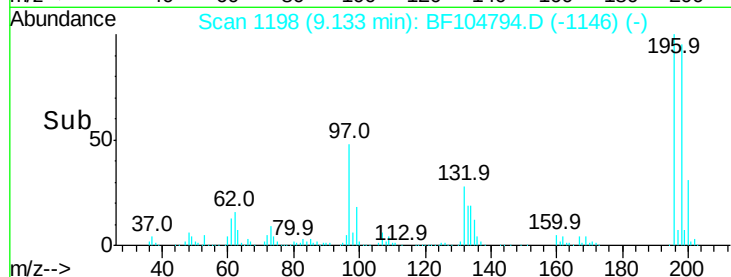
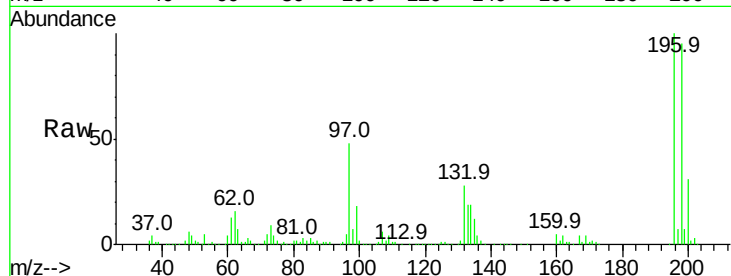




#43
 2,4,5-Trichlorophenol
 Concen: 40.662 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF104794.D
 Acq: 25 Apr 2018 17:40

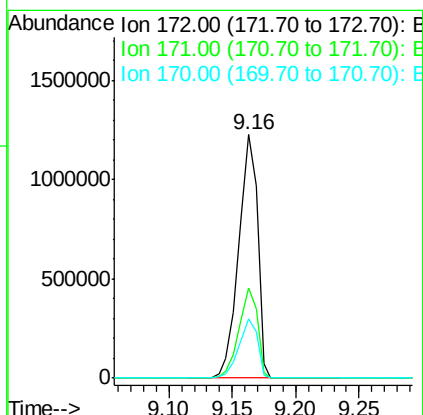
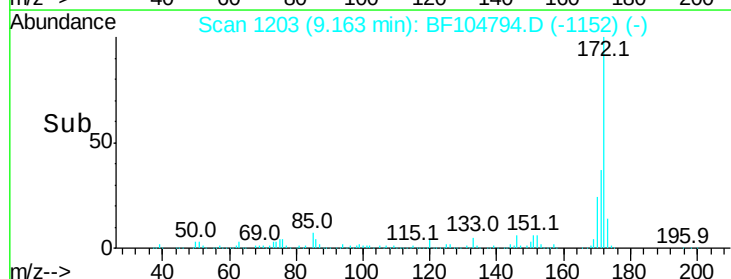
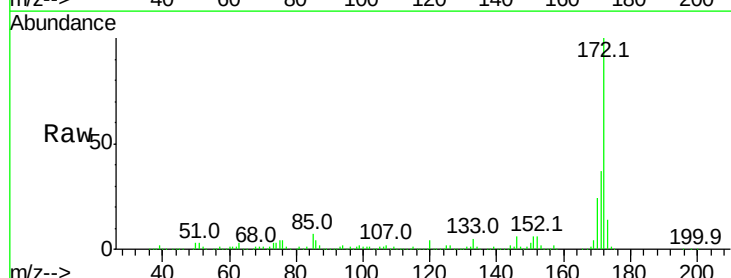
Instrument :
 BNA_F
 ClientSampled :

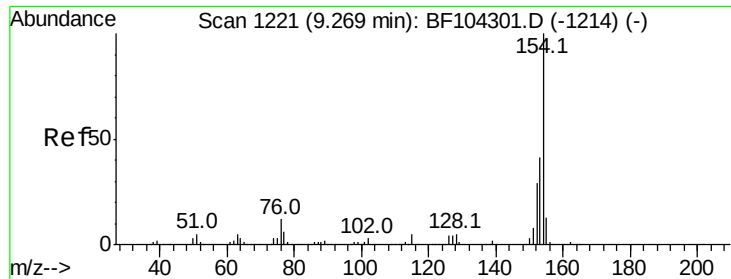
Tot Ion:	196	Resp:	196013
Ion	Ratio	Lower	Upper
196	100		
198	95.5	74.6	112.0
97	48.3	42.9	64.3
132	28.1	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 90.780 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF104794.D
 Acq: 25 Apr 2018 17:40

Tgt Ion:	172	Resp:	1245735
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.5	19.6	29.4

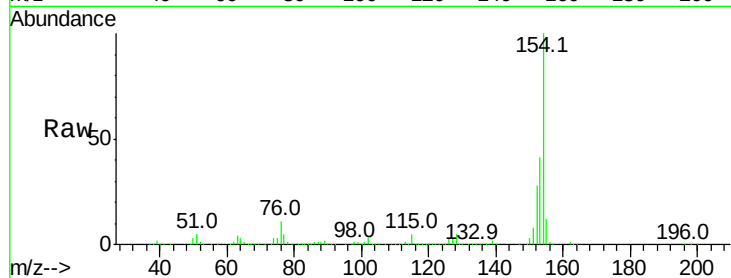




#45
 1,1'-Biphenyl
 Concen: 39.492 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.01 min
 Lab File: BF104794.D
 Acq: 25 Apr 2018 17:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	10.9	0.0	34.0

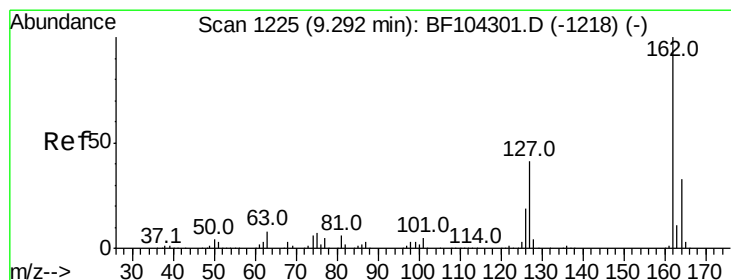
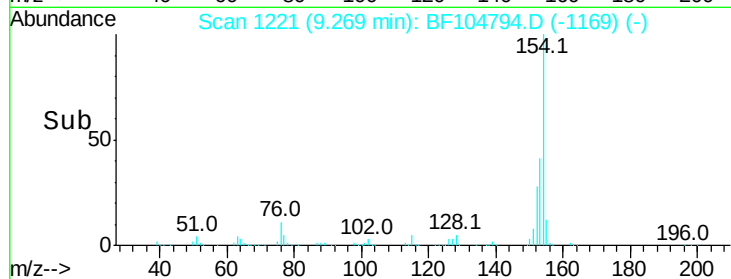
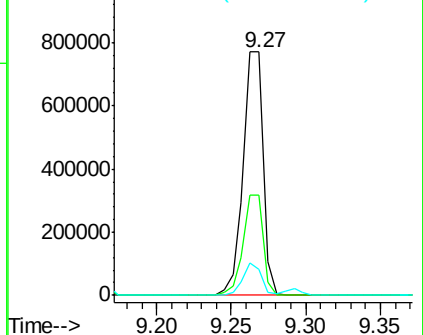


Abundance

Ion 154.00 (153.70 to 154.70): E

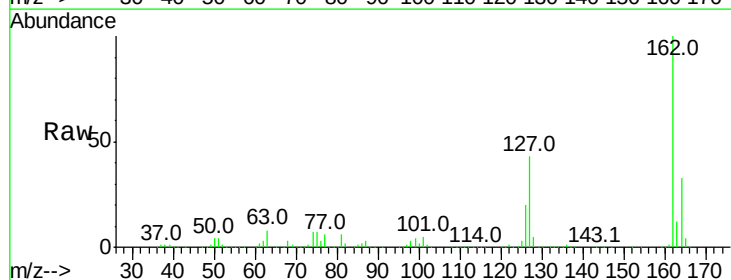
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 39.118 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF104794.D
 Acq: 25 Apr 2018 17:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.7	33.9	50.9
164	33.2	26.5	39.7

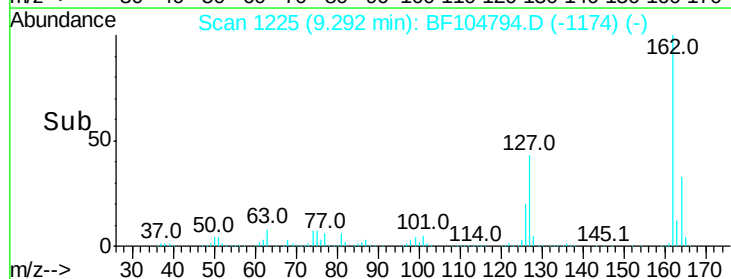
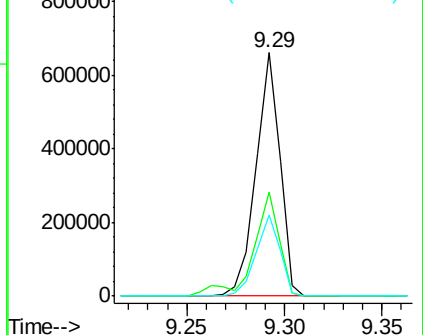


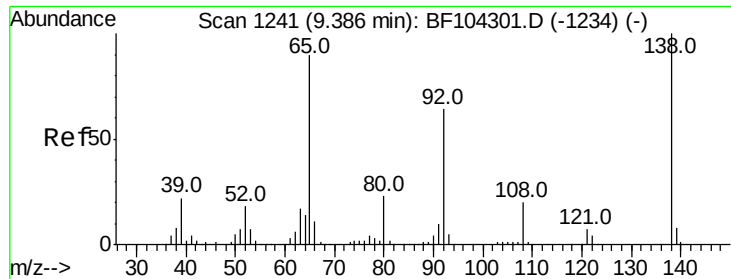
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

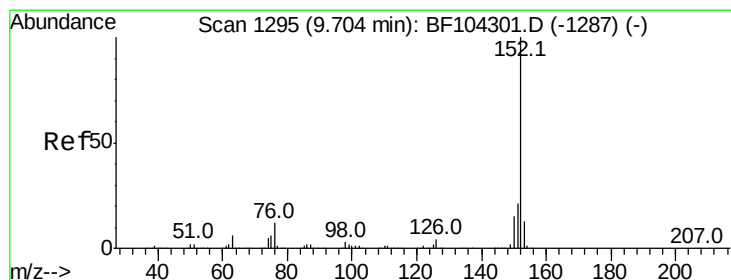
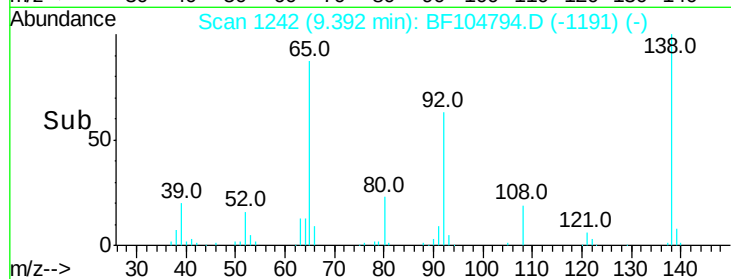
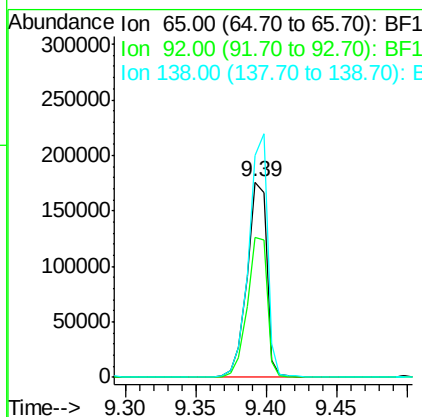
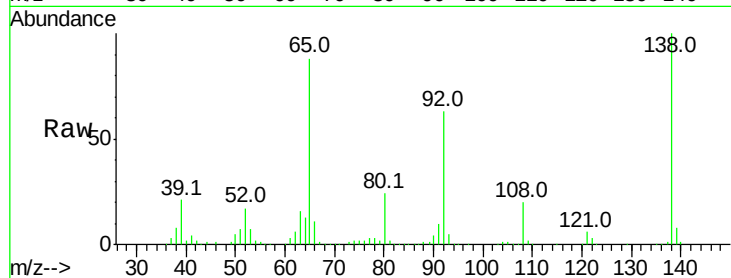




#47
 2-Nitroaniline
 Concen: 48.586 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BF104794.D
 Acq: 25 Apr 2018 17:40

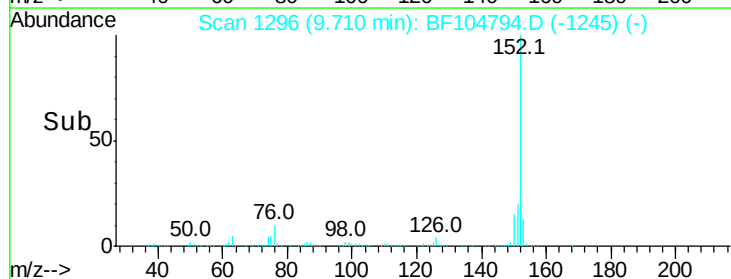
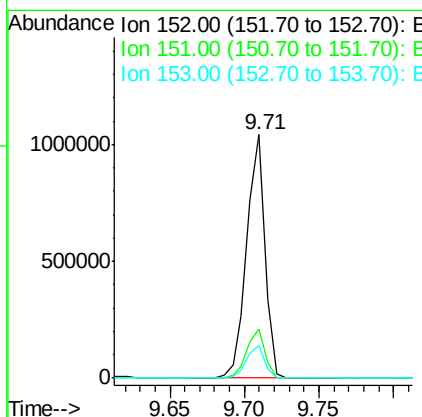
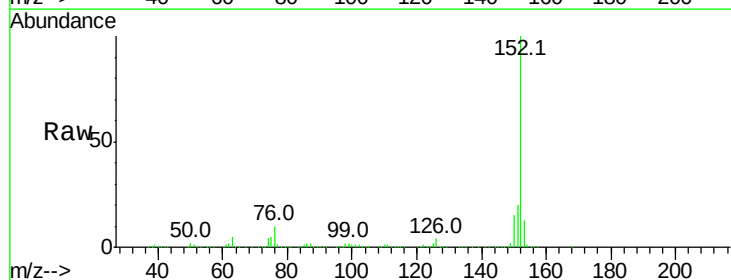
Instrument :
 BNA_F
 ClientSampled :

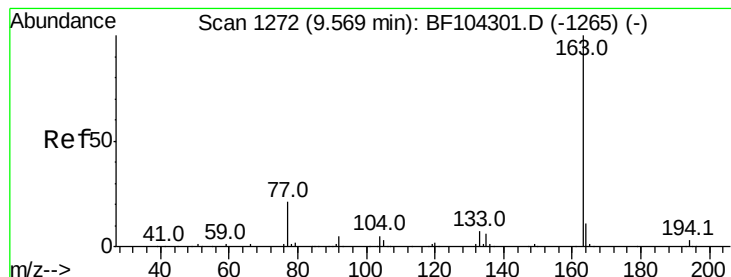
Tot Ion: 65 Resp: 172836
 Ion Ratio Lower Upper
 65 100
 92 71.6 55.8 83.6
 138 114.0 91.2 136.8



#48
 Acenaphthylene
 Concen: 39.221 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF104794.D
 Acq: 25 Apr 2018 17:40

Tgt Ion:152 Resp: 885173
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.3 24.5
 153 13.1 10.7 16.1





#49

Dimethylphthalate

Concen: 50.425 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

Instrument :

BNA_F

ClientSampleId :

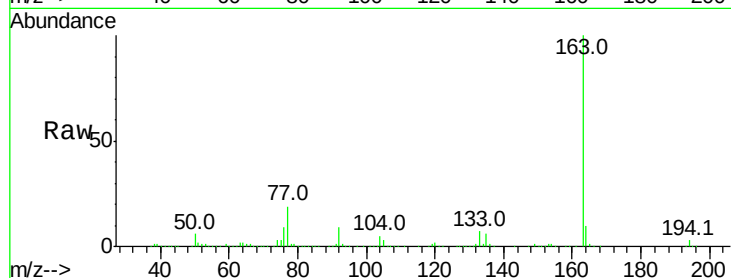
Tot Ion:163 Resp: 862009

Ion Ratio Lower Upper

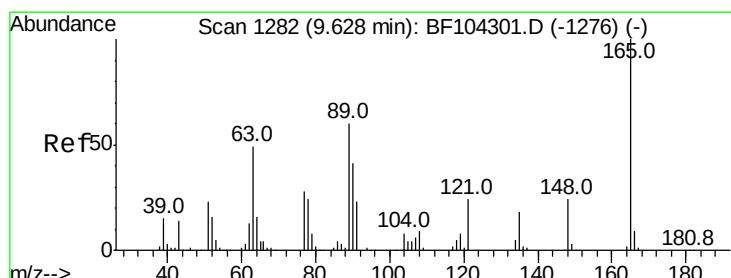
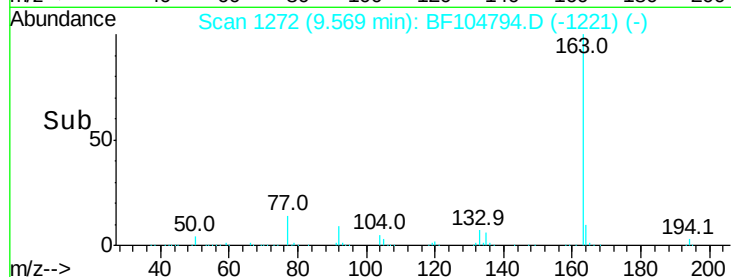
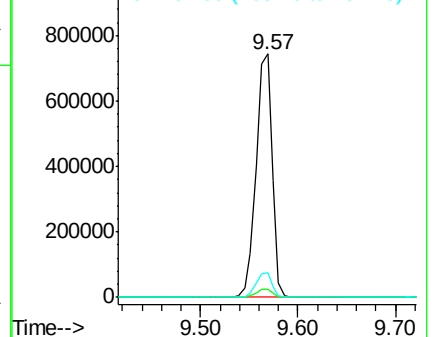
163 100

194 3.3 2.7 4.1

164 10.0 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: 46.166 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

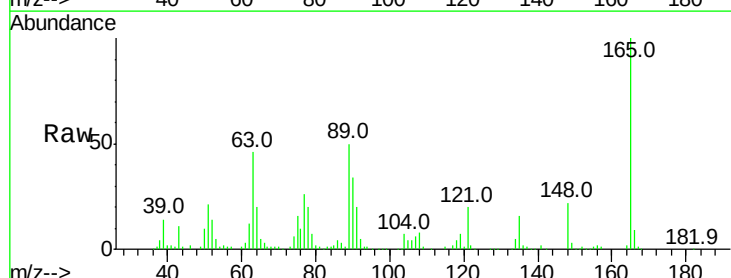
Tgt Ion:165 Resp: 146035

Ion Ratio Lower Upper

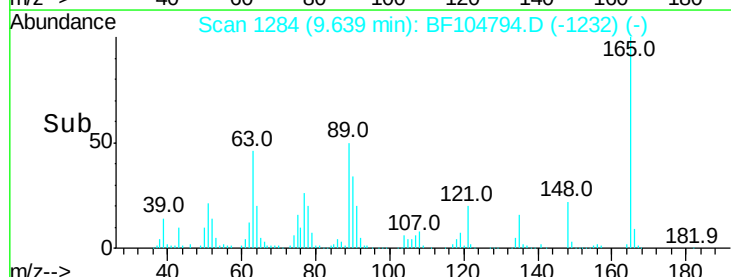
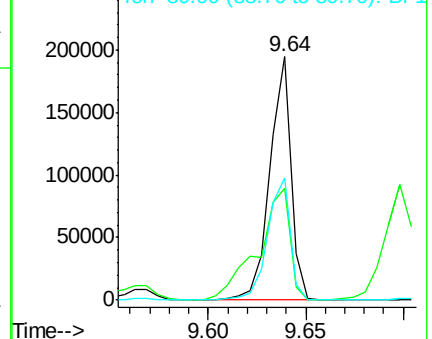
165 100

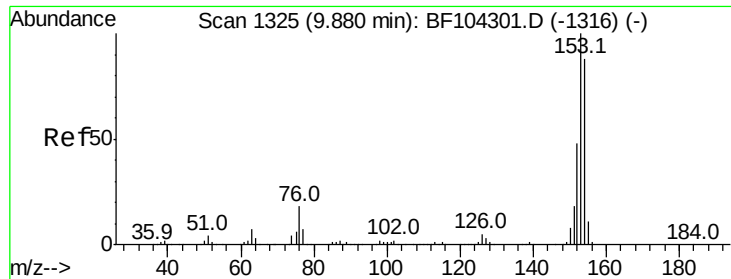
63 46.0 44.7 67.1

89 50.0 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: 39.138 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

Instrument :

BNA_F

ClientSampled :

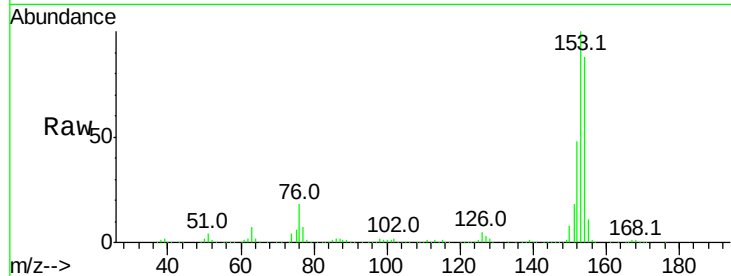
Tot Ion:154 Resp: 538939

Ion Ratio Lower Upper

154 100

153 113.6 91.2 136.8

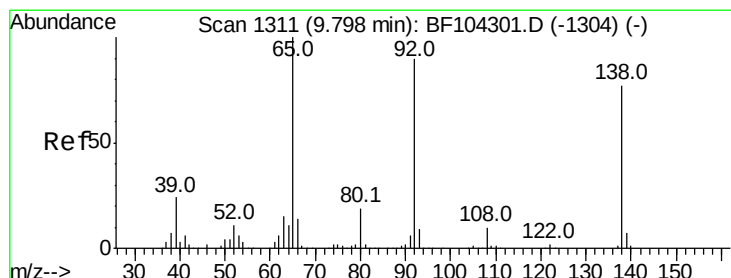
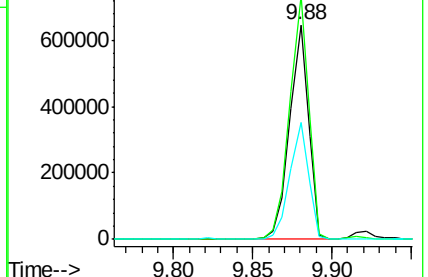
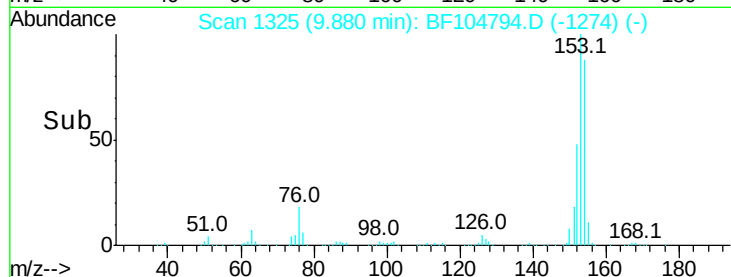
152 54.7 43.8 65.8



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: 26.807 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

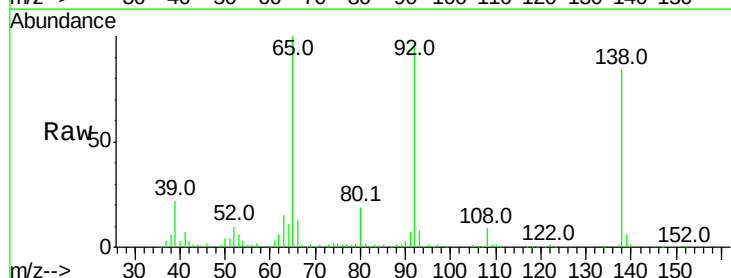
Tgt Ion:138 Resp: 99271

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

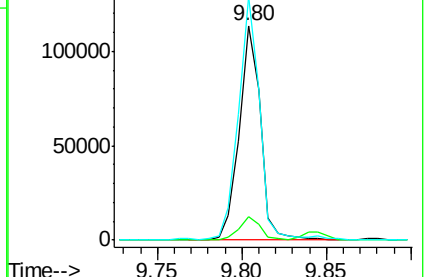
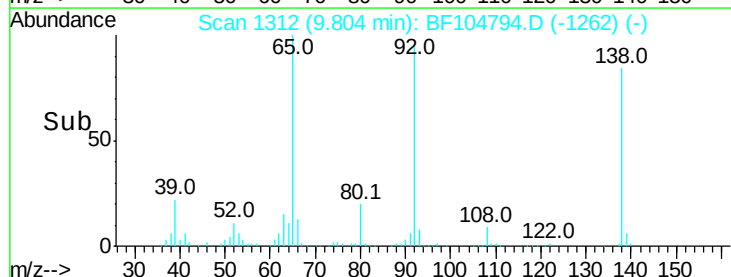
92 113.4 89.4 134.2

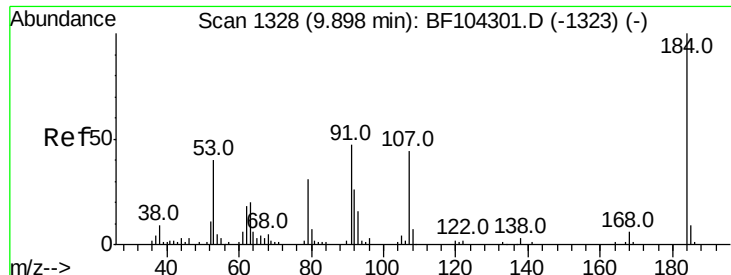


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

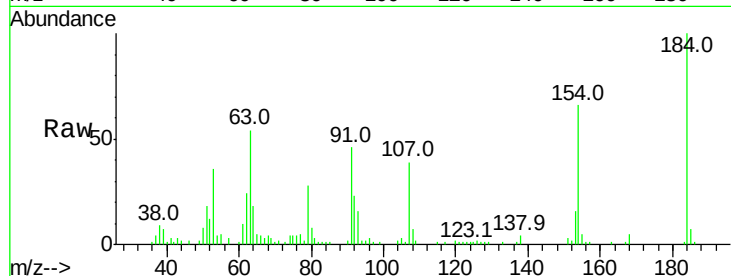




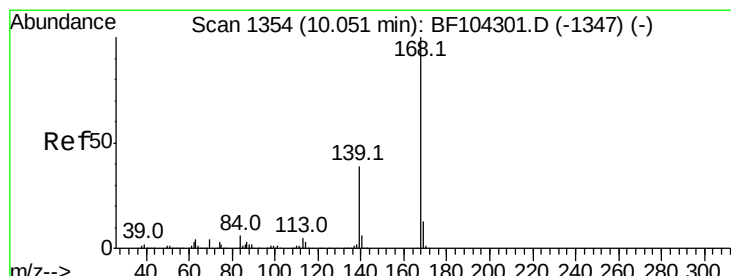
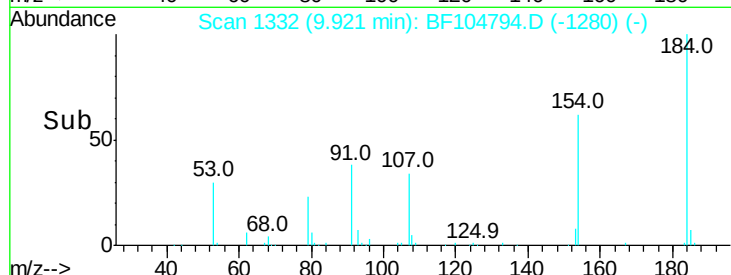
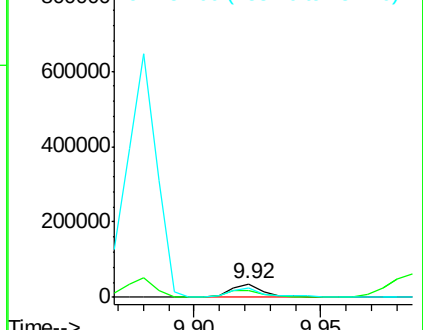
#53
 2,4-Dinitrophenol
 Concen: 35.441 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: BF104794.D
 Acq: 25 Apr 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 32606
 Ion Ratio Lower Upper
 184 100
 63 53.6 54.2 81.2#
 154 66.2 184.0 276.0#

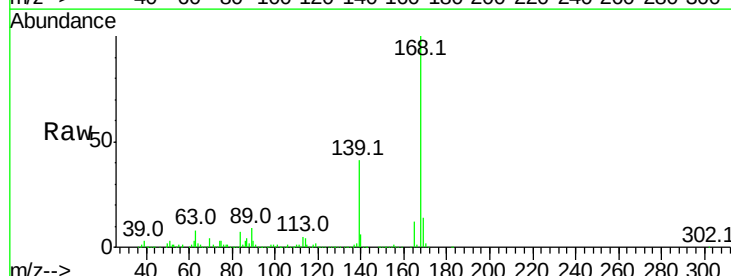


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

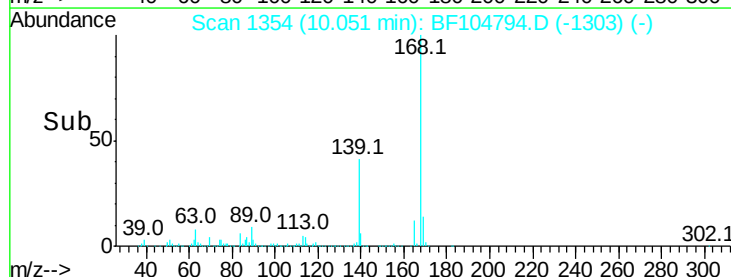
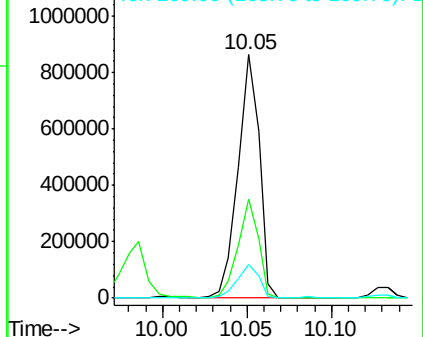


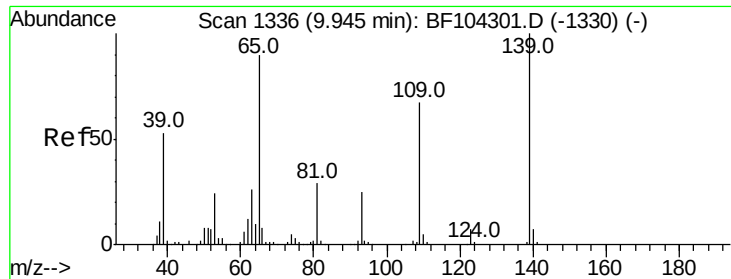
#54
 Dibenzofuran
 Concen: 39.454 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF104794.D
 Acq: 25 Apr 2018 17:40

Tgt Ion:168 Resp: 757122
 Ion Ratio Lower Upper
 168 100
 139 40.7 30.1 45.1
 169 13.9 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

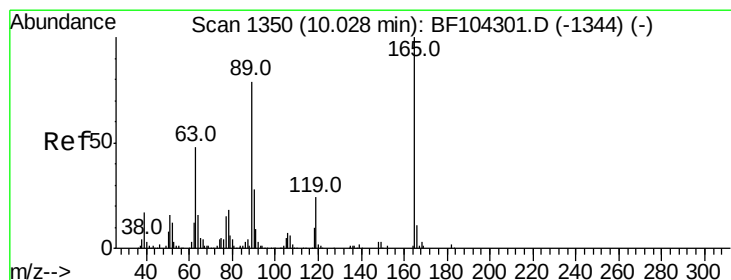
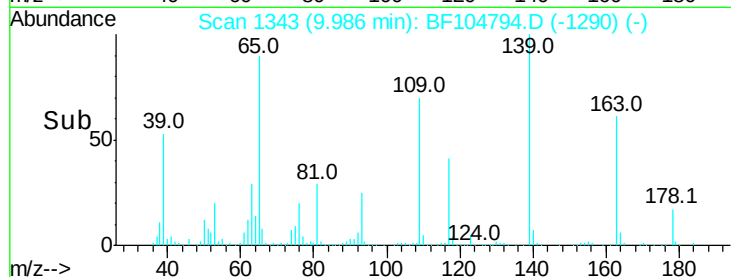
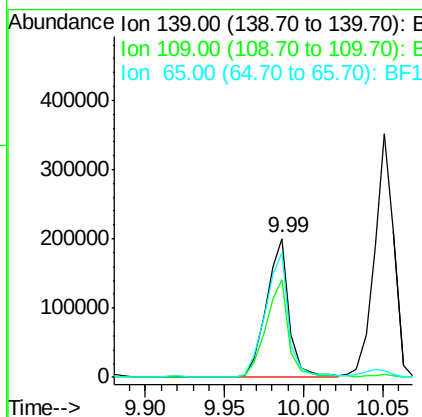
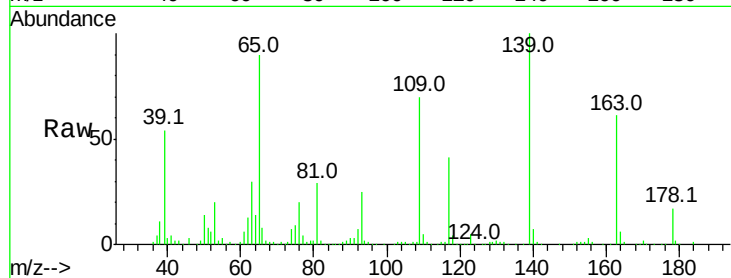




#55
4-Nitrophenol
Concen: 69.897 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF104794.D
Acq: 25 Apr 2018 17:40

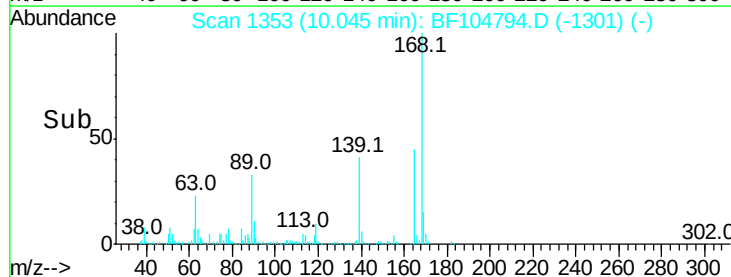
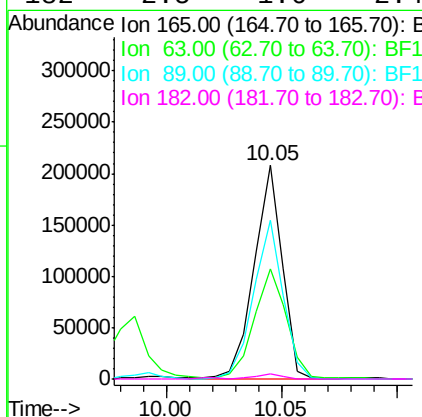
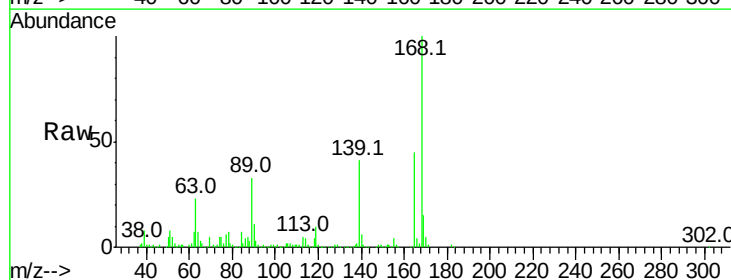
Instrument :
BNA_F
ClientSampled :

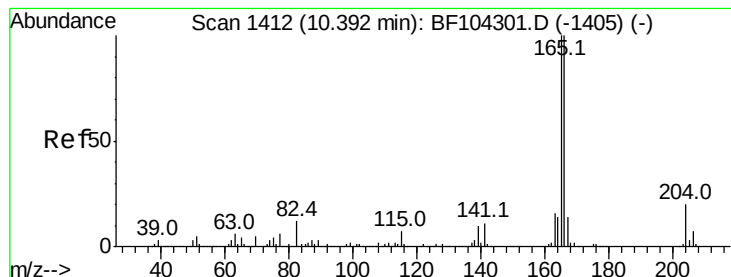
Tot Ion:139 Resp: 203328
Ion Ratio Lower Upper
139 100
109 70.1 48.4 88.4
65 89.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 42.379 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF104794.D
Acq: 25 Apr 2018 17:40

Tgt Ion:165 Resp: 175839
Ion Ratio Lower Upper
165 100
63 51.7 36.4 54.6
89 74.1 57.8 86.6
182 2.5 1.6 2.4#





#57

Fluorene

Concen: 44.242 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

Instrument :

BNA_F

ClientSampleId :

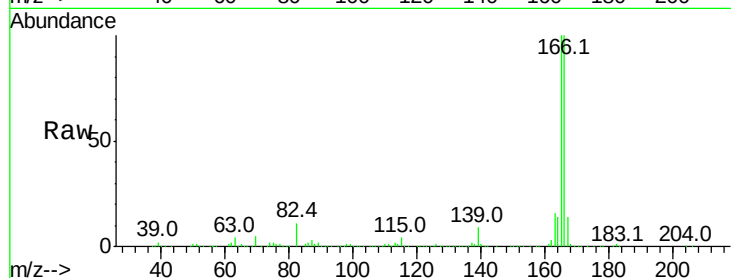
Tot Ion:166 Resp: 617962

Ion Ratio Lower Upper

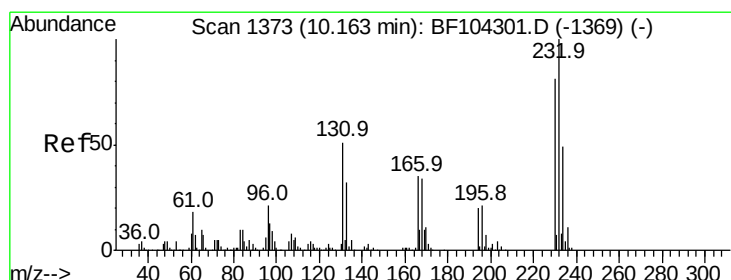
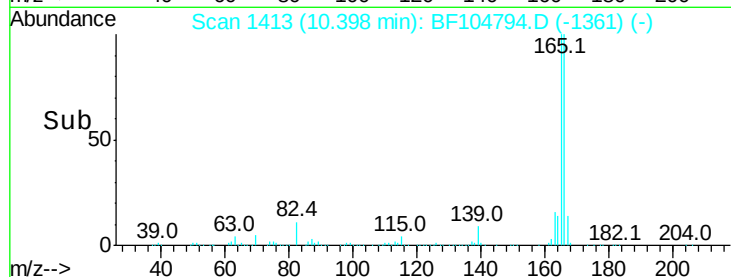
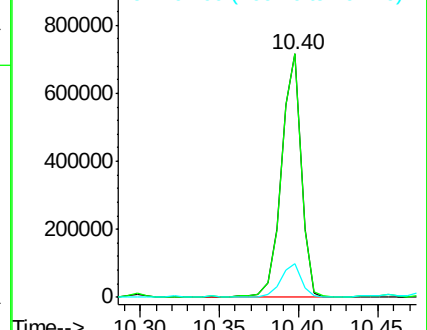
166 100

165 100.1 79.8 119.8

167 13.7 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: 38.412 ng

RT: 10.17 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

Tgt Ion:232 Resp: 138145

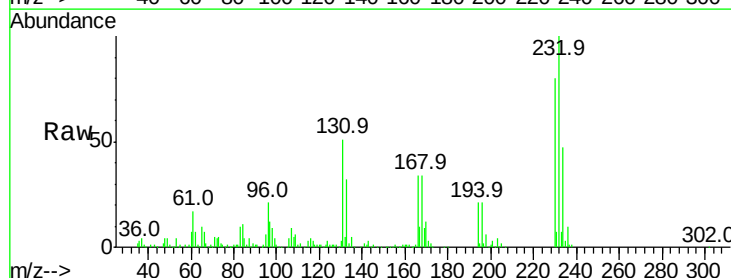
Ion Ratio Lower Upper

232 100

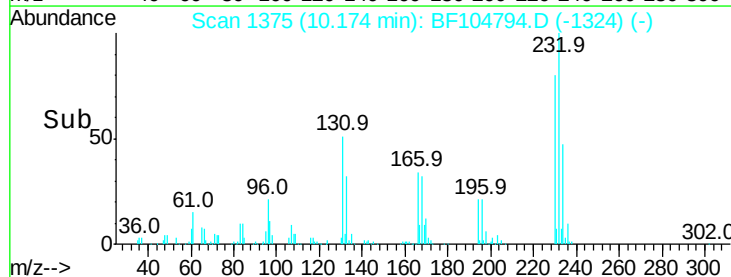
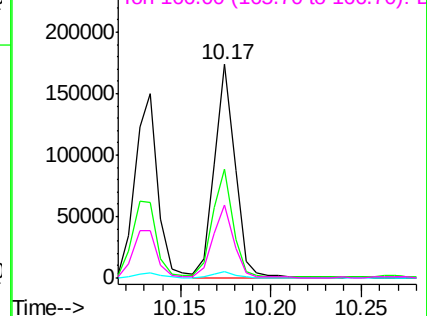
131 50.1 43.8 65.8

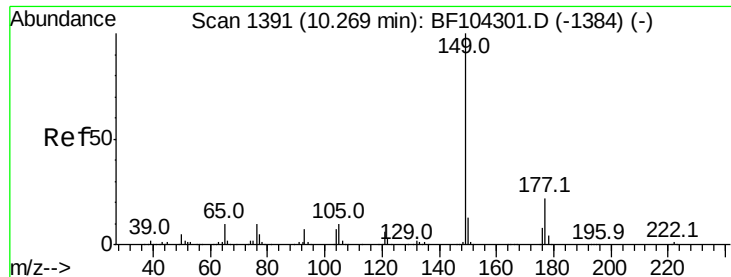
130 2.9 2.1 3.1

166 34.9 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

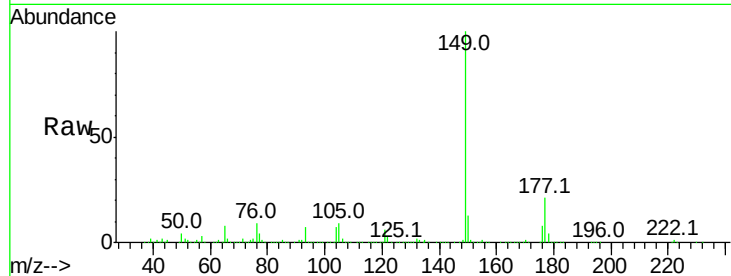




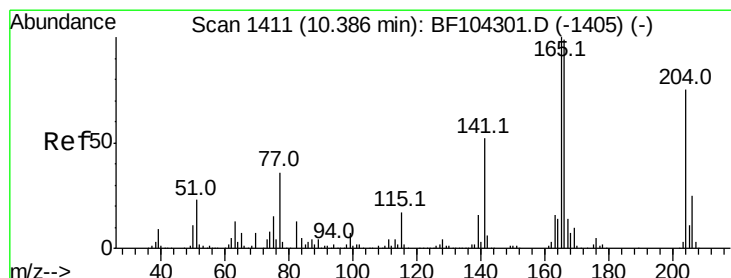
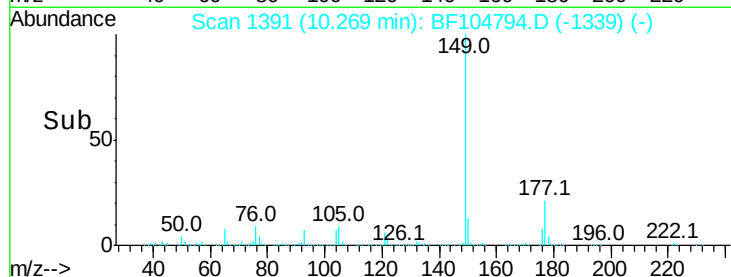
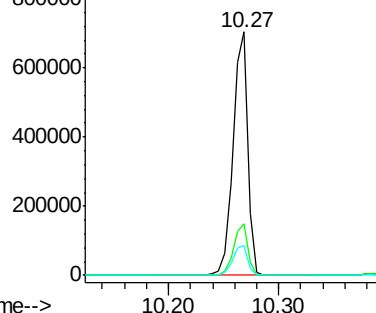
#59
Diethylphthalate
Concen: 38.647 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF104794.D
Acq: 25 Apr 2018 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 657983
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.5 10.1 15.1

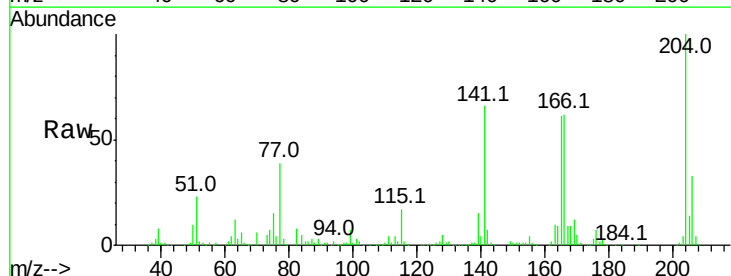


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

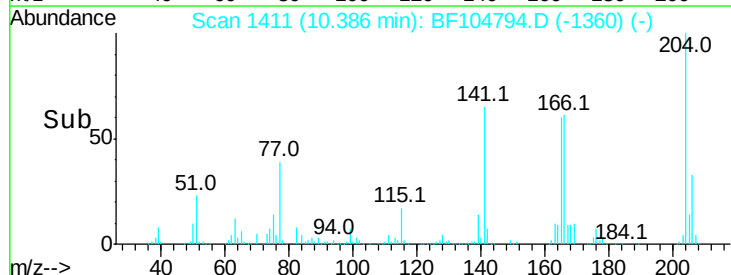
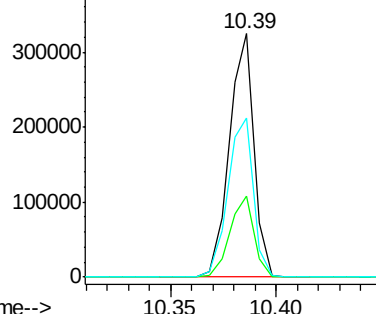


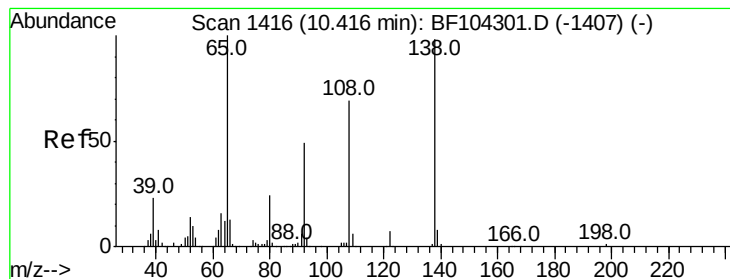
#60
4-Chlorophenyl-phenylether
Concen: 42.465 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF104794.D
Acq: 25 Apr 2018 17:40

Tgt Ion:204 Resp: 264155
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 65.6 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: 38.543 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

Instrument :

BNA_F

ClientSampleId :

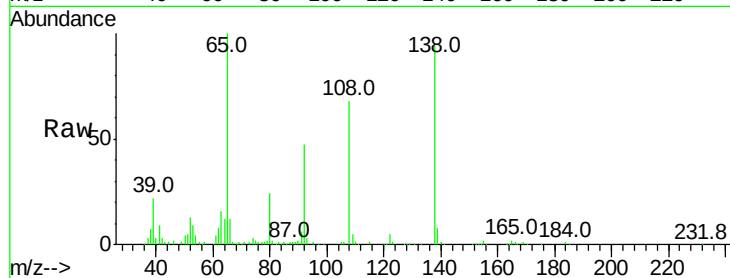
Tot Ion:138 Resp: 139559

Ion Ratio Lower Upper

138 100

92 50.2 30.2 70.2

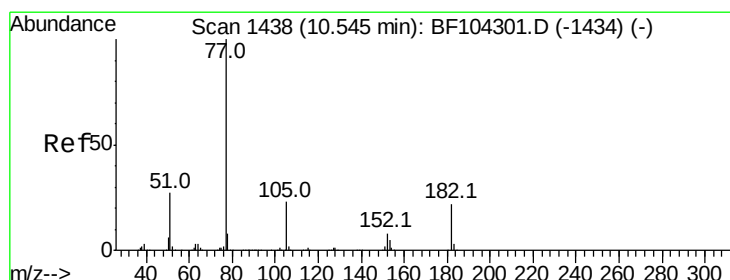
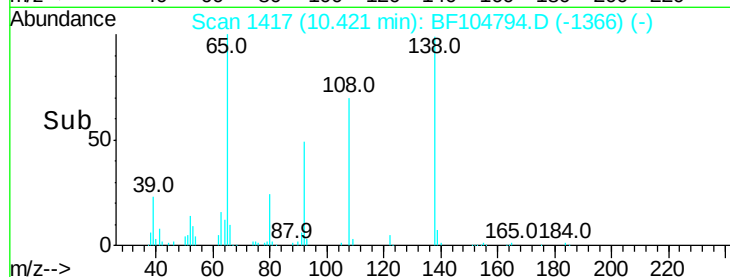
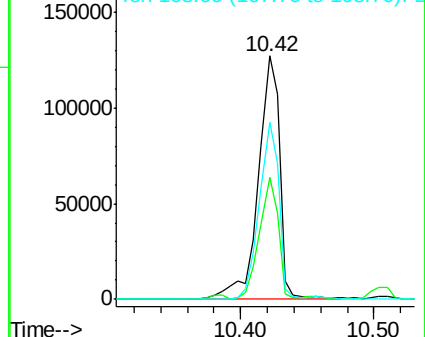
108 72.9 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 33.720 ng

RT: 10.54 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

Tgt Ion: 77 Resp: 548486

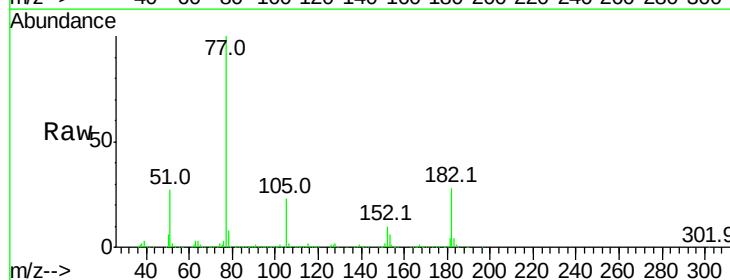
Ion Ratio Lower Upper

77 100

182 28.5 1.7 41.7

105 23.3 3.0 43.0

51 26.7 9.9 49.9

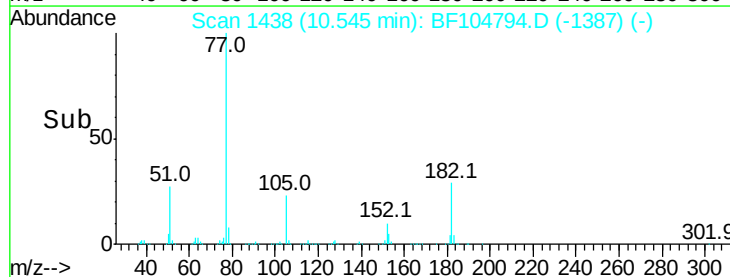
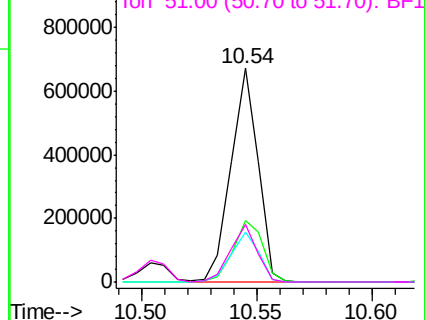


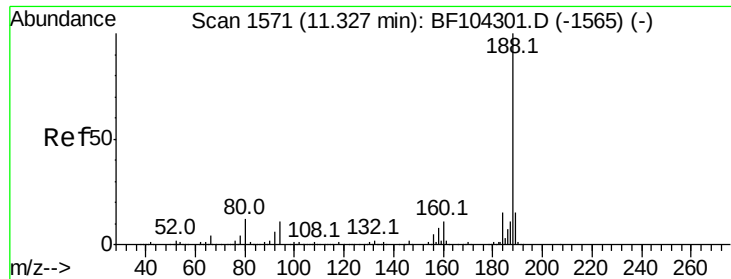
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

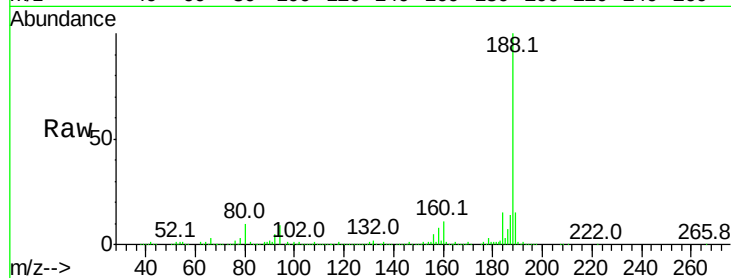




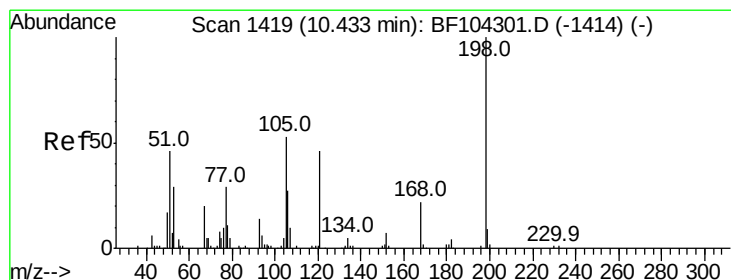
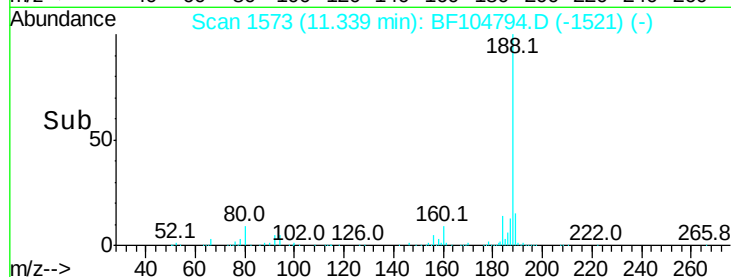
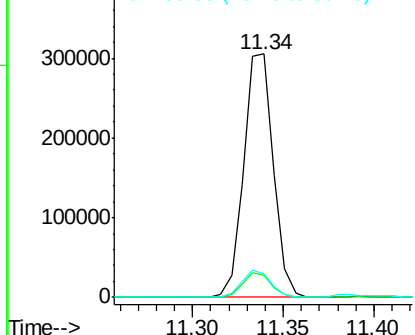
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104794.D
Acq: 25 Apr 2018 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 344962
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 9.7 9.2 13.8

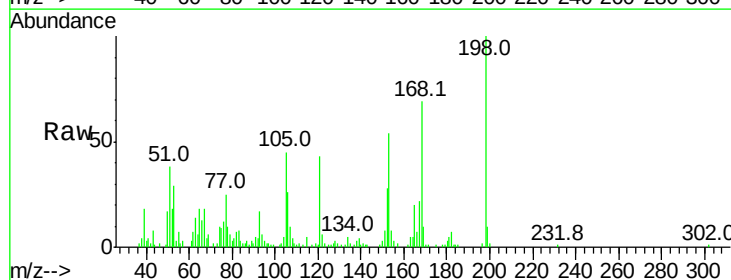


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

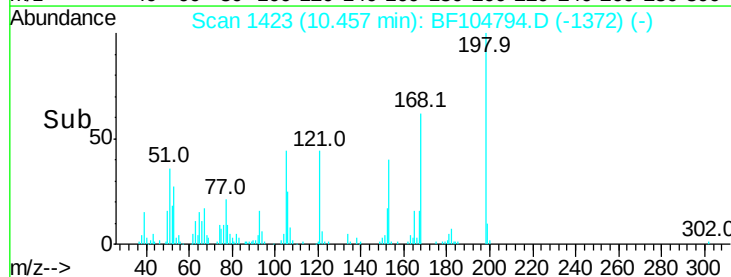
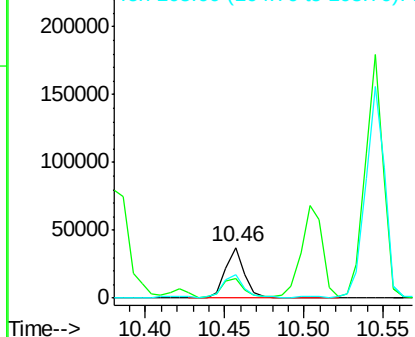


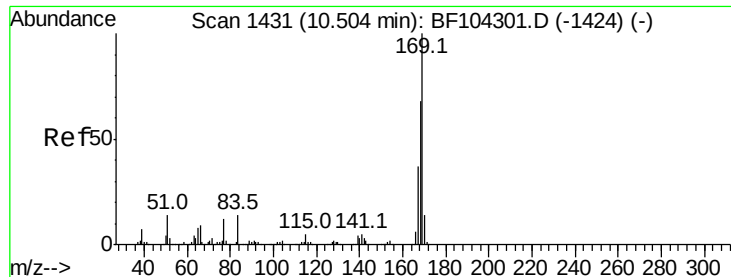
#64
4,6-Dinitro-2-methylphenol
Concen: 23.206 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF104794.D
Acq: 25 Apr 2018 17:40

Tgt Ion:198 Resp: 31458
Ion Ratio Lower Upper
198 100
51 38.2 37.7 77.7
105 45.3 36.3 76.3



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

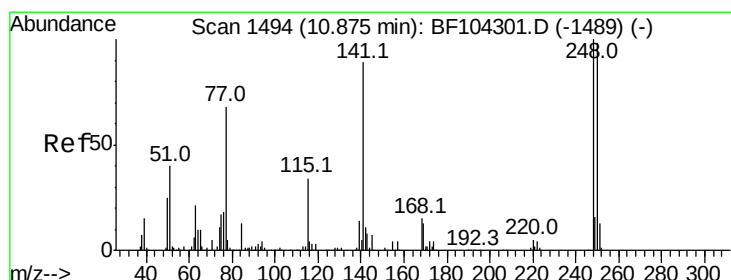
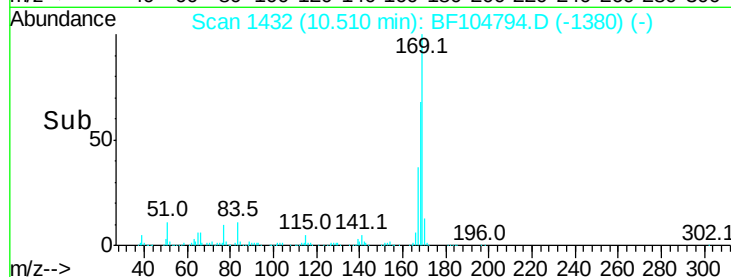
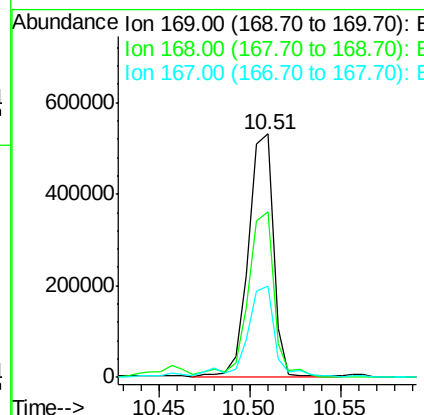
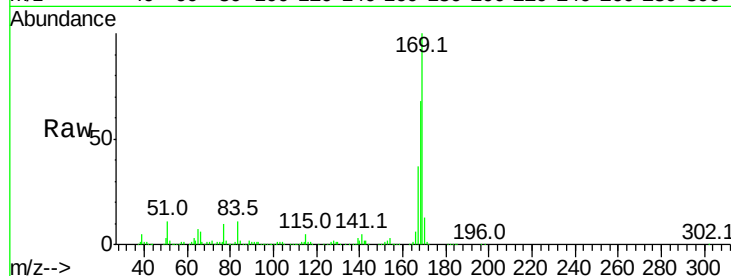




#65
 n-Nitrosodiphenylamine
 Concen: 42.448 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: BF104794.D
 Acq: 25 Apr 2018 17:40

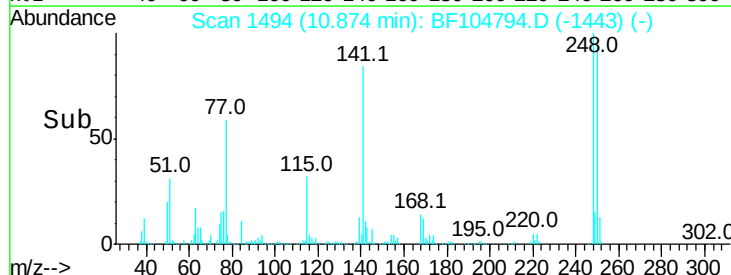
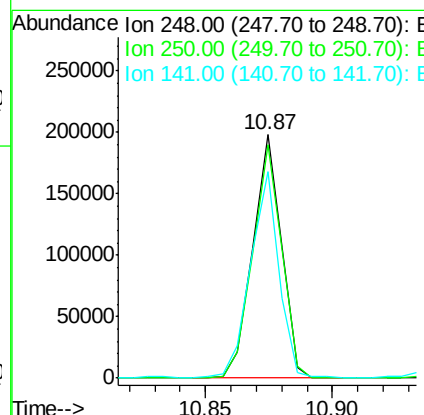
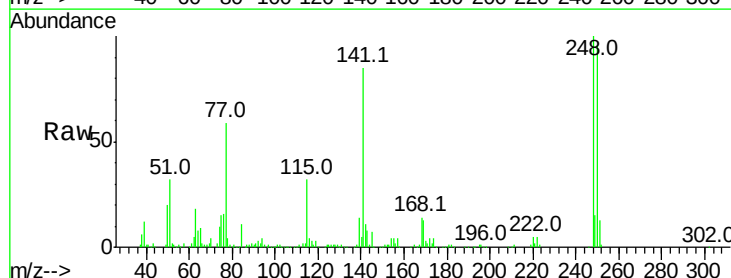
Instrument :
 BNA_F
 ClientSampleId :

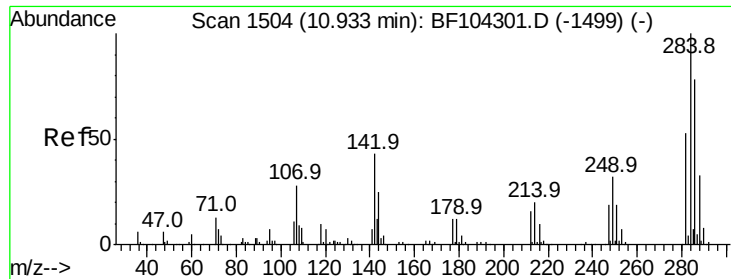
Tot Ion	169	Resp	507703
Ion Ratio	100		
Lower	54.4		
Upper	81.6		
168	67.9		
167	37.3		



#66
 4-Bromophenyl-phenylether
 Concen: 42.647 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.00 min
 Lab File: BF104794.D
 Acq: 25 Apr 2018 17:40

Tgt Ion	248	Resp	156484
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower	76.9		
Upper	115.3		
250	95.7		
141	84.6		

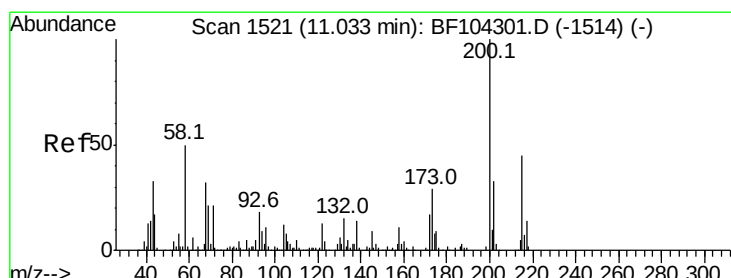
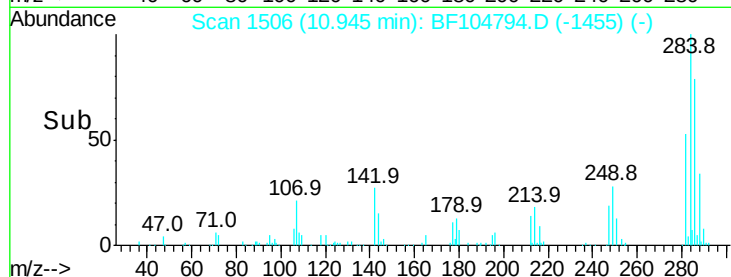
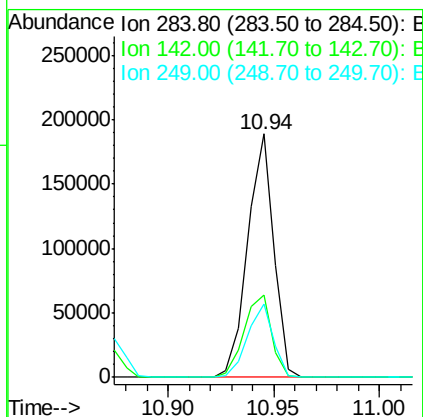
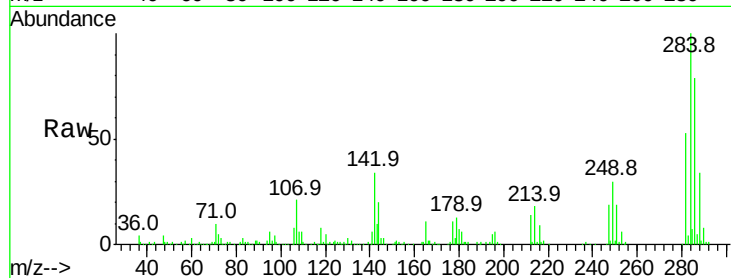




#67
Hexachlorobenzene
Concen: 39.325 ng
RT: 10.94 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF104794.D
Acq: 25 Apr 2018 17:40

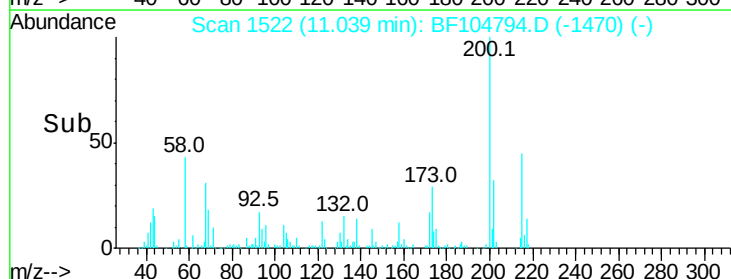
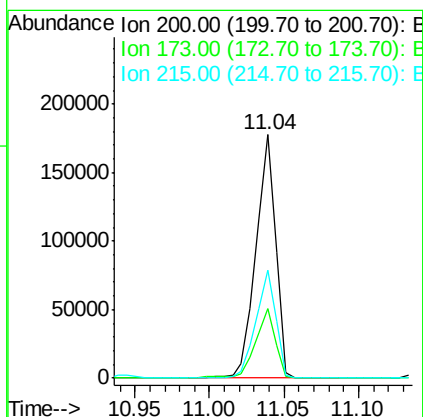
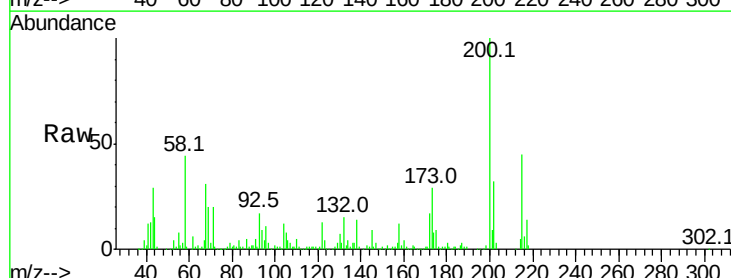
Instrument :
BNA_F
ClientSampleId :

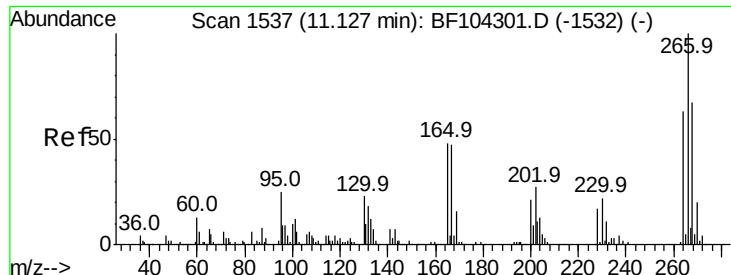
Tot Ion:284 Resp: 162362
Ion Ratio Lower Upper
284 100
142 34.0 34.6 52.0#
249 30.4 24.8 37.2



#68
Atrazine
Concen: 44.707 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF104794.D
Acq: 25 Apr 2018 17:40

Tgt Ion:200 Resp: 161406
Ion Ratio Lower Upper
200 100
173 28.8 8.6 48.6
215 44.6 25.1 65.1

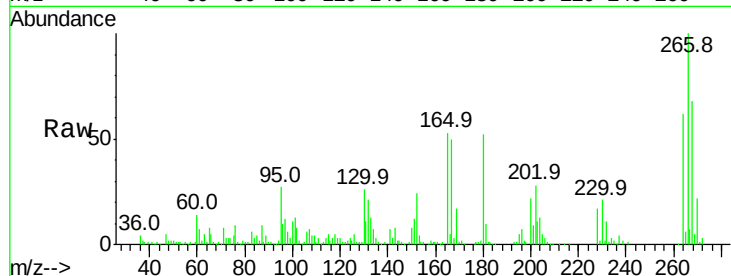




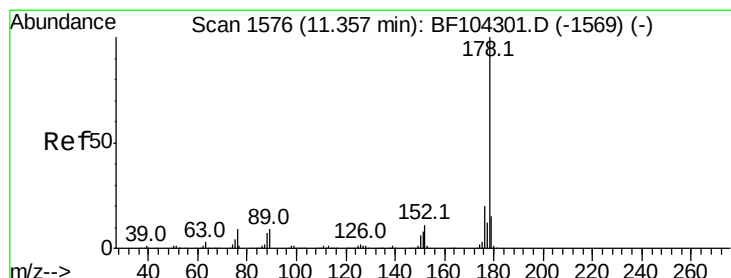
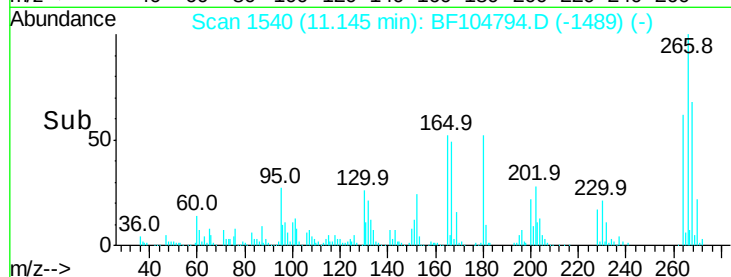
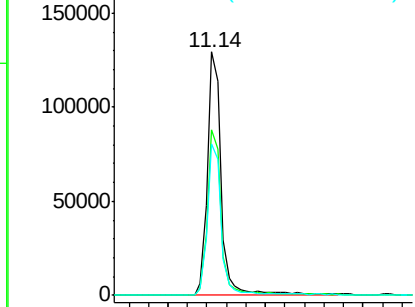
#69
 Pentachlorophenol
 Concen: 50.642 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF104794.D
 Acq: 25 Apr 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 129352
 Ion Ratio Lower Upper
 266 100
 268 67.9 51.1 76.7
 264 62.0 49.5 74.3

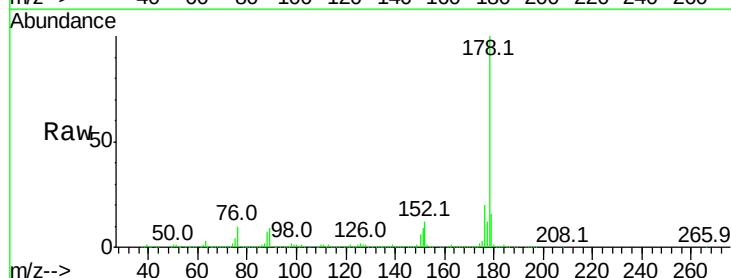


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

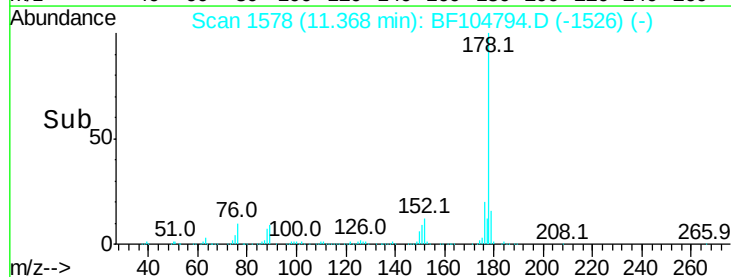
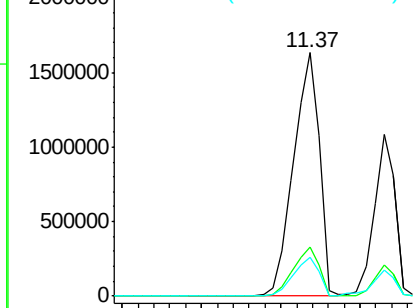


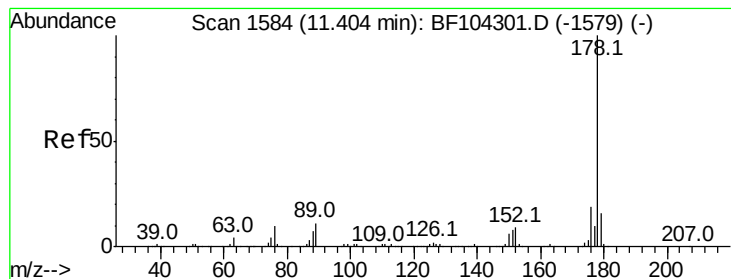
#70
 Phenanthrene
 Concen: 95.215 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. 0.01 min
 Lab File: BF104794.D
 Acq: 25 Apr 2018 17:40

Tgt Ion:178 Resp: 1829154
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.8 23.8
 179 16.0 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: 50.091 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

Instrument :

BNA_F

ClientSampleId :

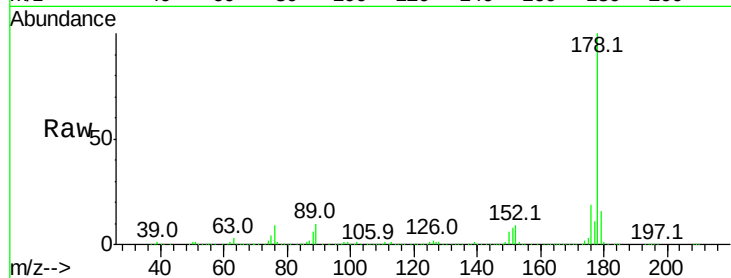
Tot Ion:178 Resp: 978183

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

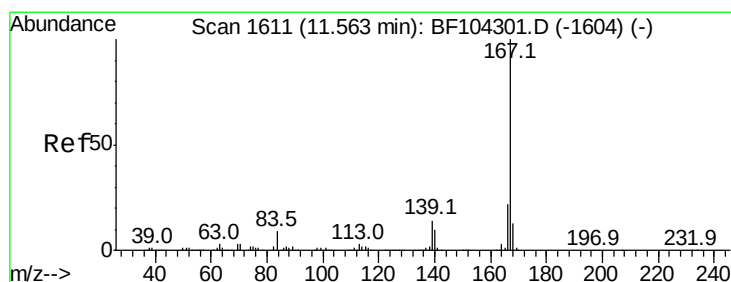
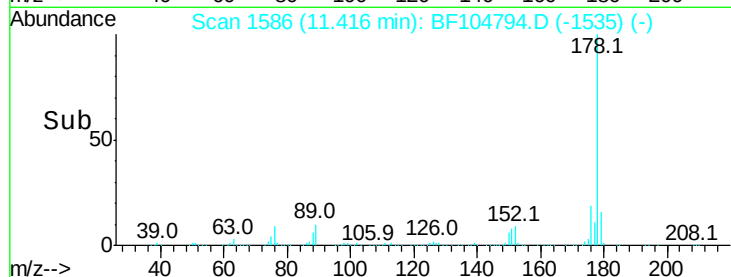
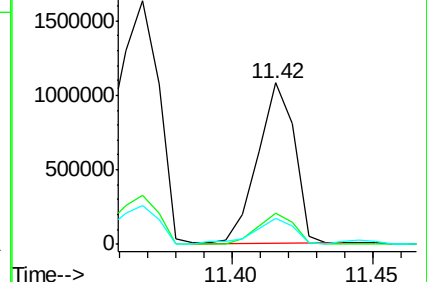
179 16.0 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.897 ng

RT: 11.57 min Scan# 1613

Delta R.T. 0.01 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

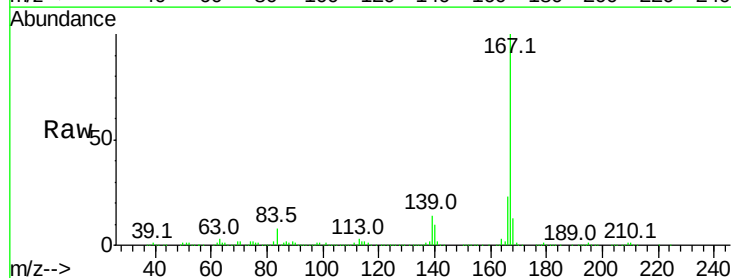
Tgt Ion:167 Resp: 742246

Ion Ratio Lower Upper

167 100

166 22.6 17.6 26.4

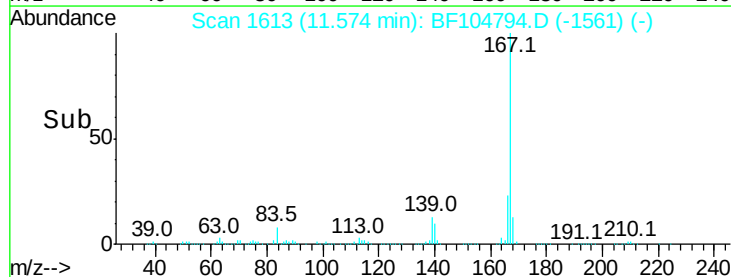
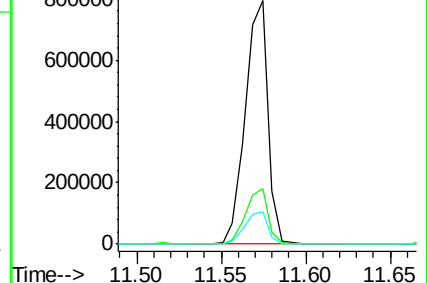
139 13.5 10.9 16.3

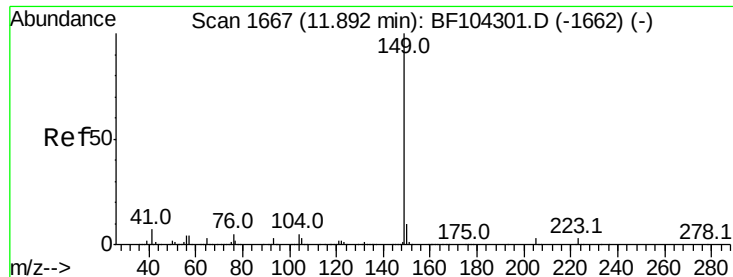


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.730 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

Instrument :

BNA_F

ClientSampleId :

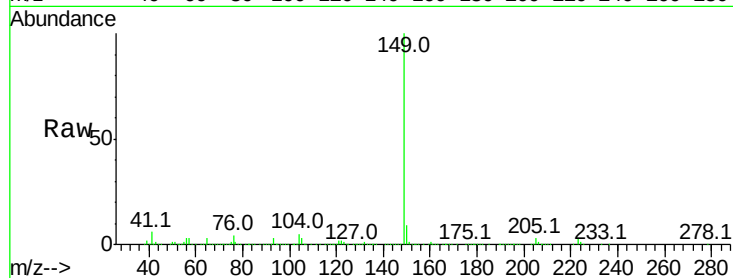
Tot Ion:149 Resp: 902783

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

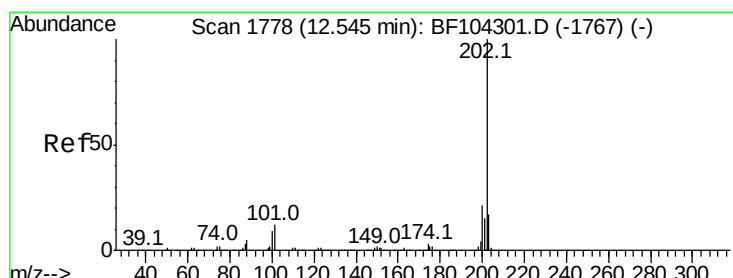
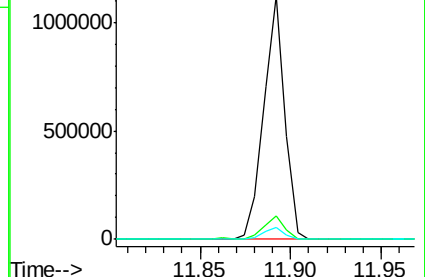
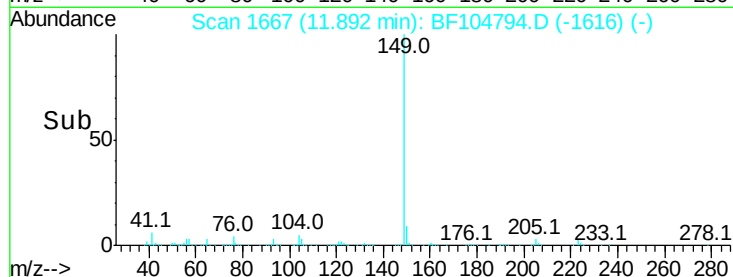
104 4.9 3.8 5.8



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: 99.699 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

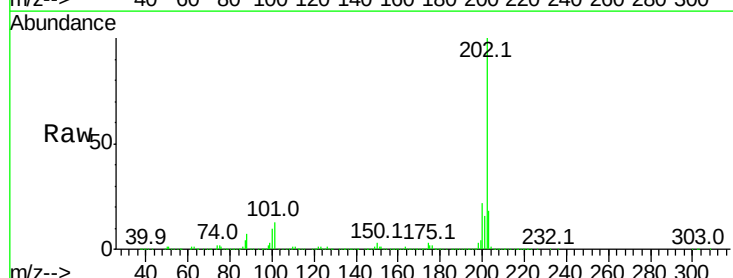
Tgt Ion:202 Resp: 2001104

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.1

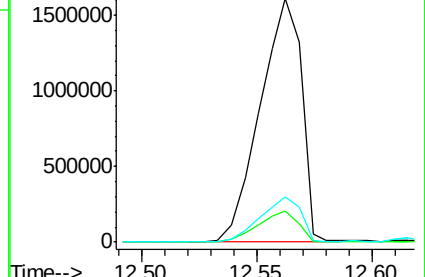
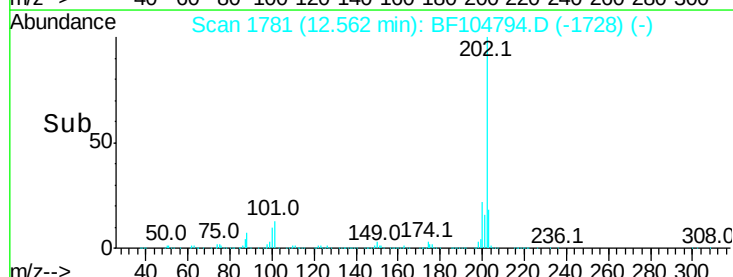
203 18.5 0.0 38.1

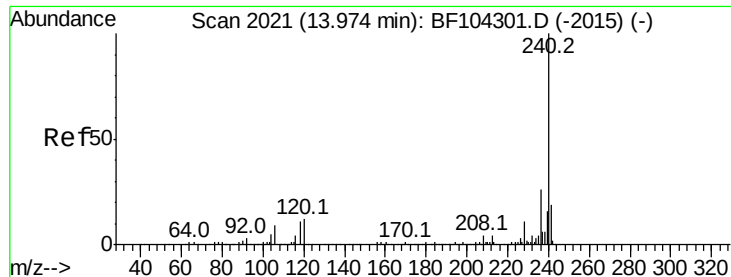


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

Instrument :

BNA_F

ClientSampleId :

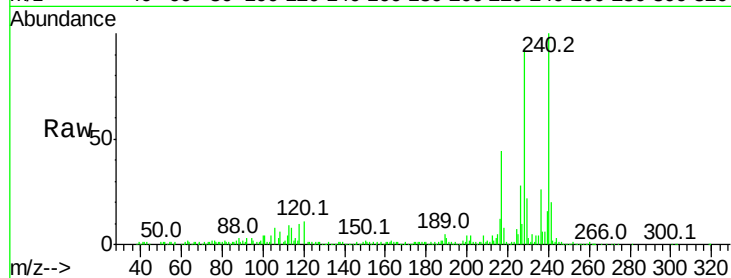
Tot Ion:240 Resp: 203586

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

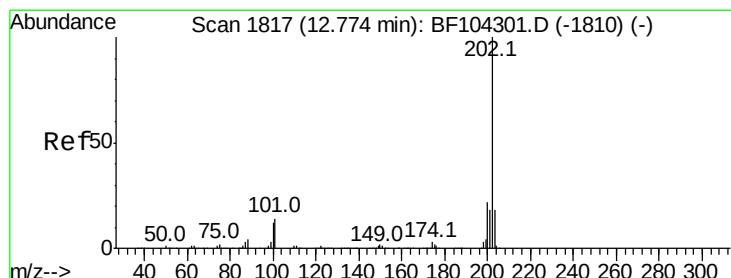
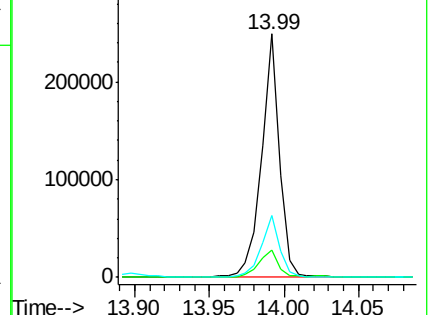
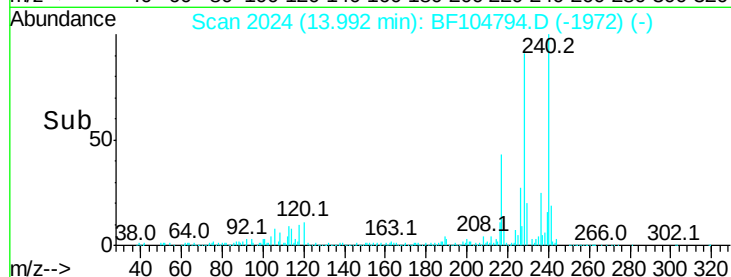
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 122.934 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.01 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

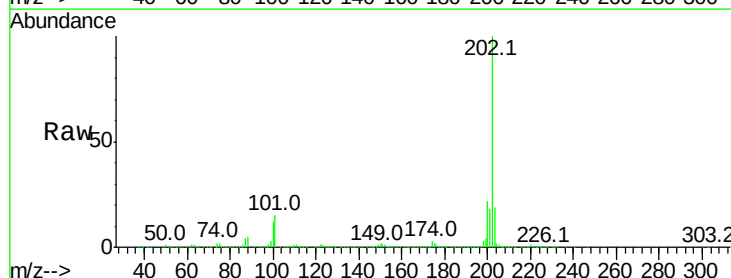
Tgt Ion:202 Resp: 1855130

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

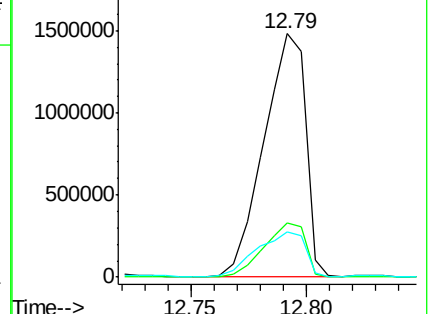
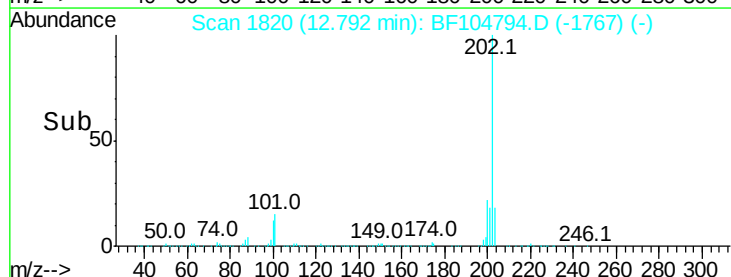
203 18.6 14.3 21.5

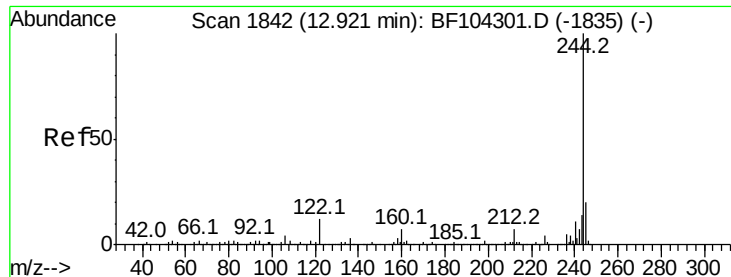


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

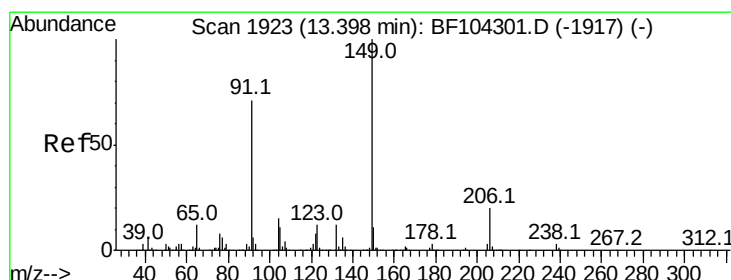
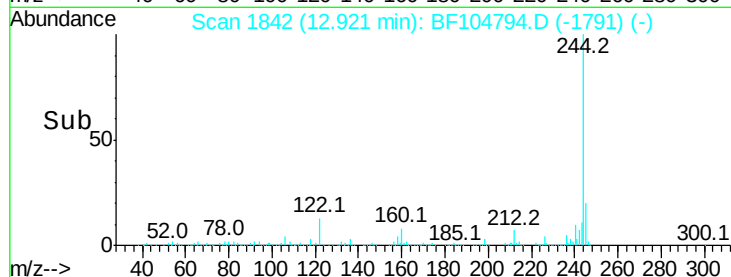
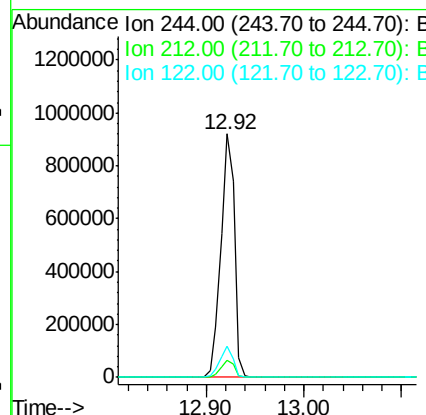
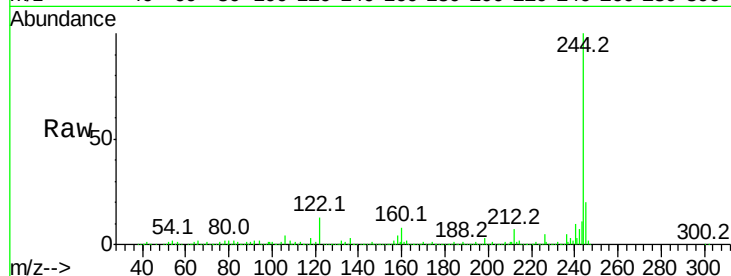




#78
 Terphenyl-d14
 Concen: 99.641 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF104794.D
 Acq: 25 Apr 2018 17:40

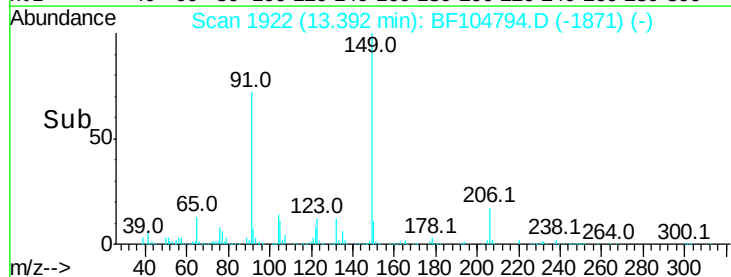
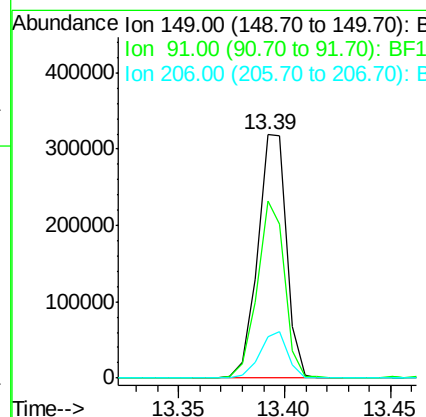
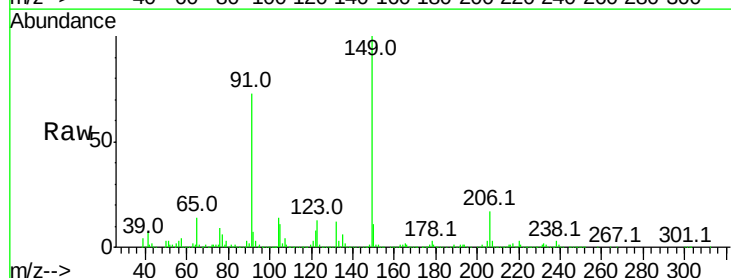
Instrument :
 BNA_F
 ClientSampleId :

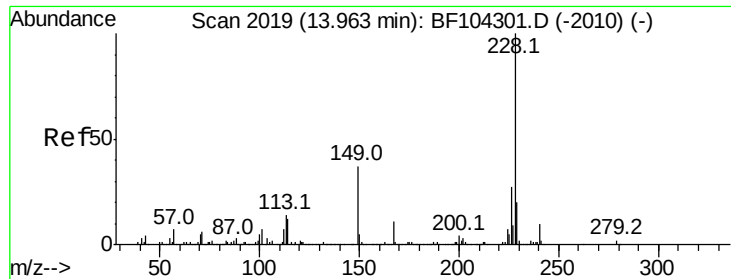
Tot Ion:244 Resp: 889783
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.7 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 42.460 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: BF104794.D
 Acq: 25 Apr 2018 17:40

Tgt Ion:149 Resp: 301865
 Ion Ratio Lower Upper
 149 100
 91 72.5 56.8 85.2
 206 17.2 14.1 21.1

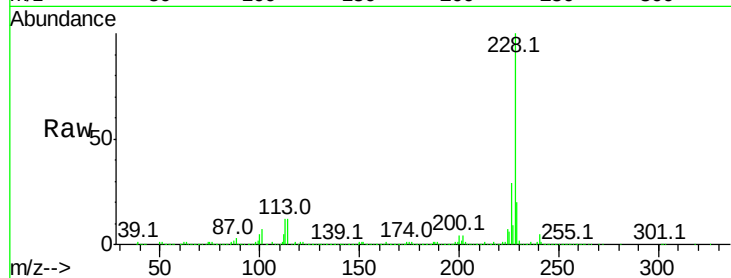




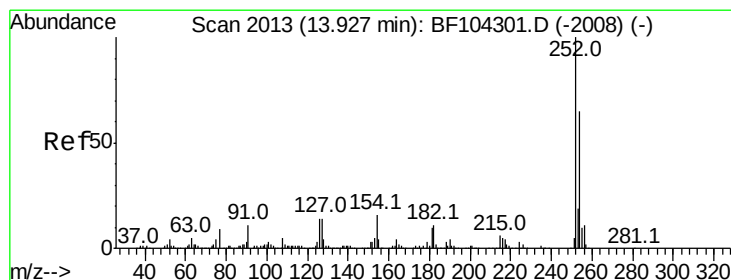
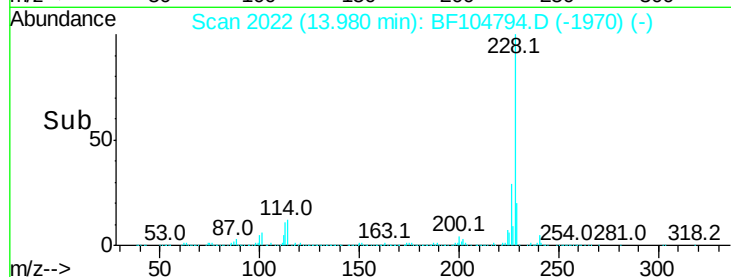
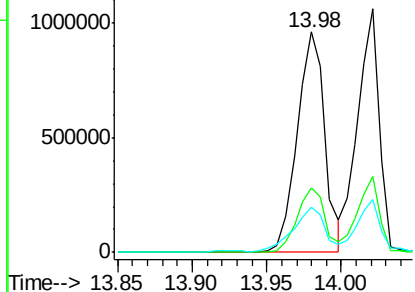
#80
Benzo(a)anthracene
Concen: 101.198 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF104794.D
Acq: 25 Apr 2018 17:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 1230819
Ion Ratio Lower Upper
228 100
226 29.4 22.6 33.8
229 20.5 15.8 23.6

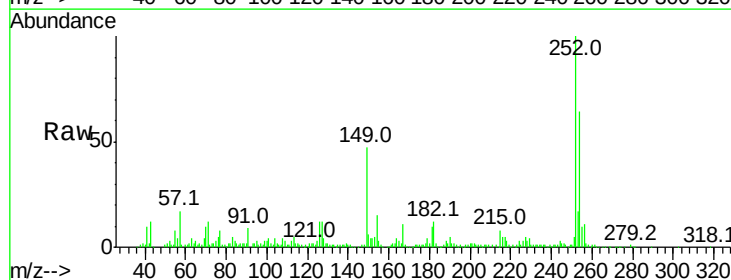


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

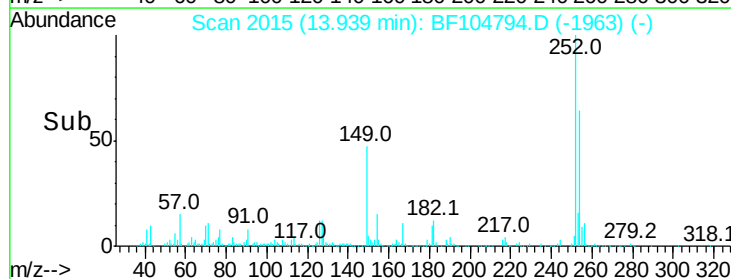
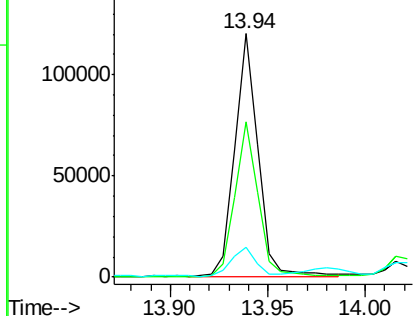


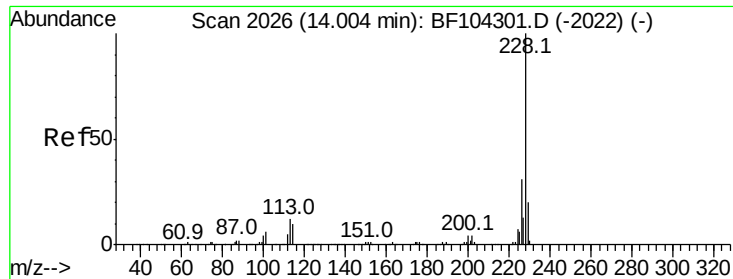
#81
3,3'-Dichlorobenzidine
Concen: 21.671 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BF104794.D
Acq: 25 Apr 2018 17:40

Tgt Ion:252 Resp: 98275
Ion Ratio Lower Upper
252 100
254 64.0 50.4 75.6
126 12.3 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: 85.443 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

Instrument :

BNA_F

ClientSampleId :

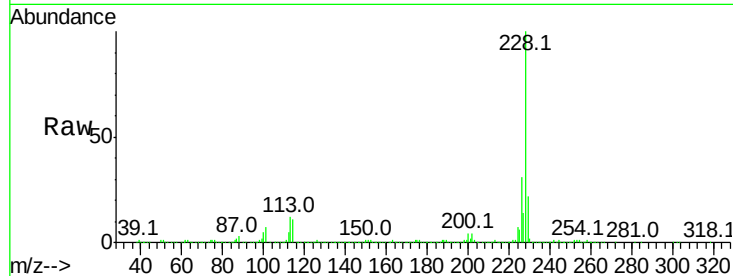
Tot Ion:228 Resp: 1067408

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.6

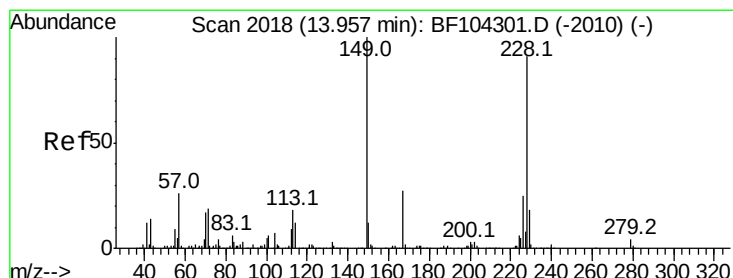
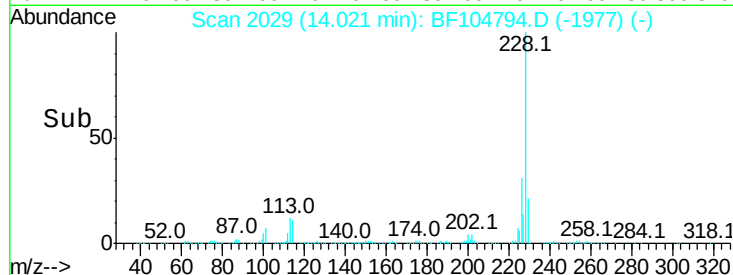
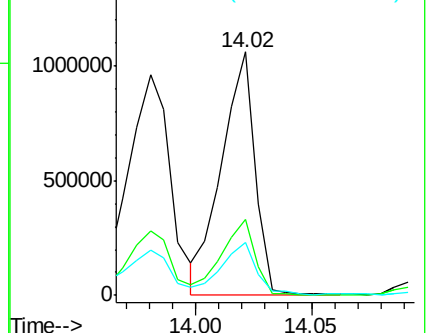
229 21.7 16.2 24.4



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: 46.931 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

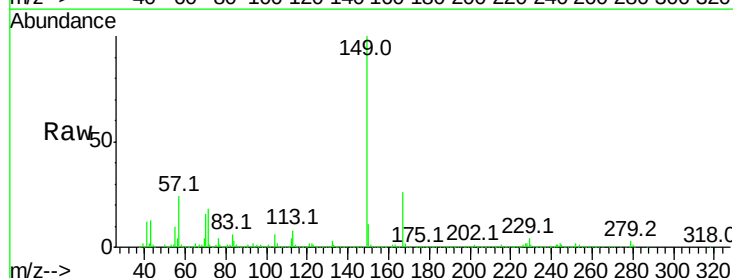
Tgt Ion:149 Resp: 429155

Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

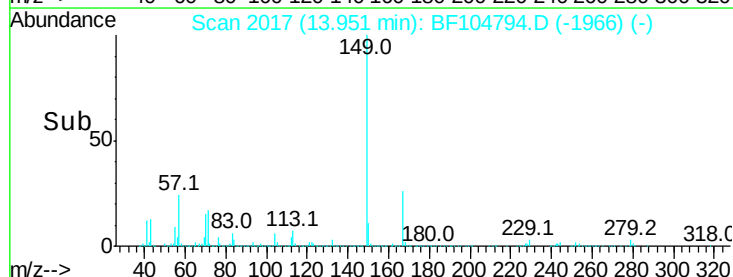
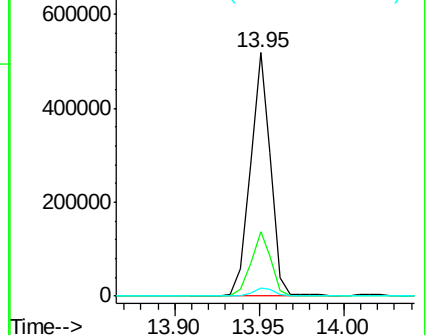
279 3.3 3.0 4.4

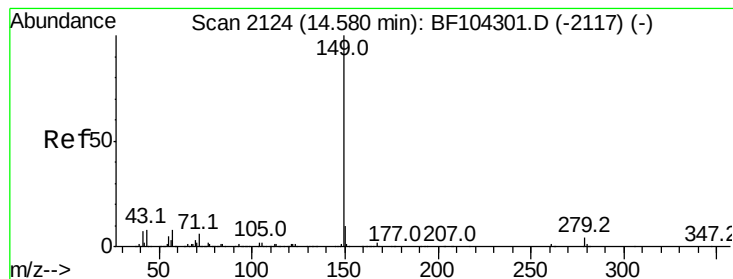


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 44.458 ng

RT: 14.57 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

Instrument :

BNA_F

ClientSampleId :

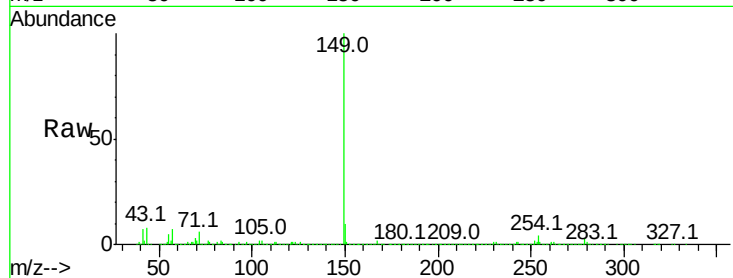
Tot Ion:149 Resp: 679290

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

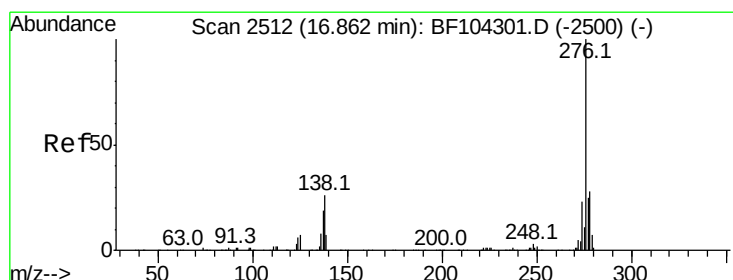
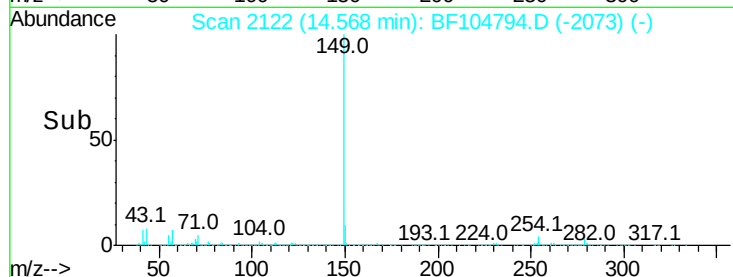
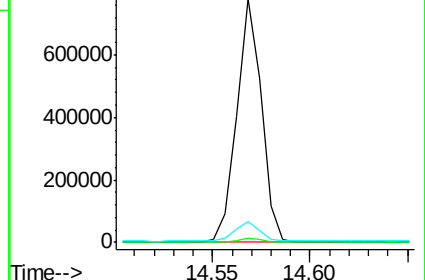
43 8.3 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 58.420 ng

RT: 16.93 min Scan# 2524

Delta R.T. -0.00 min

Lab File: BF104794.D

Acq: 25 Apr 2018 17:40

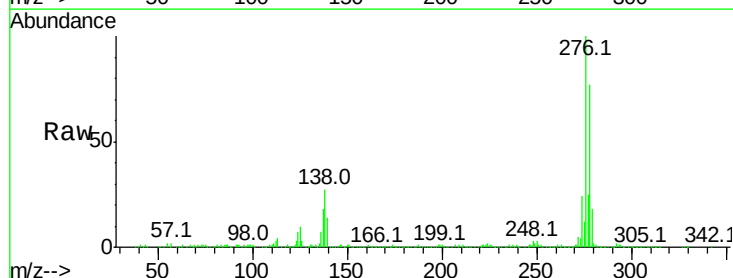
Tgt Ion:276 Resp: 619978

Ion Ratio Lower Upper

276 100

138 24.8 25.0 37.6#

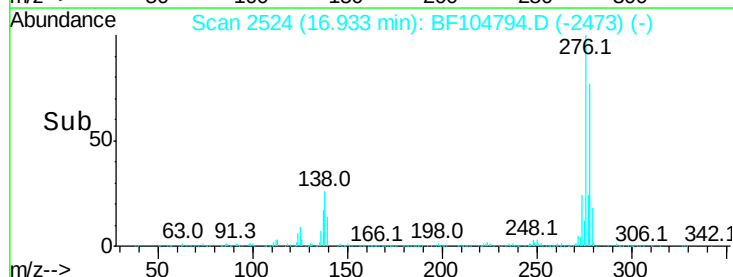
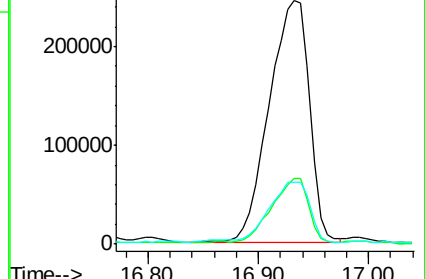
277 26.4 20.1 30.1

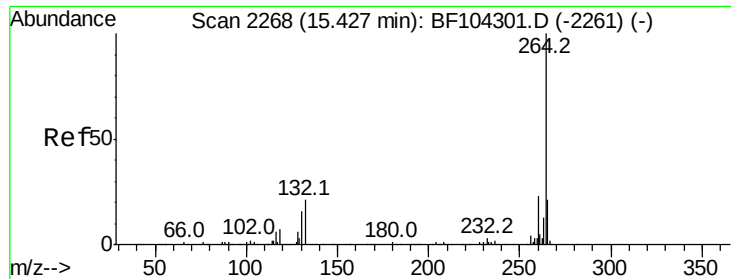


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

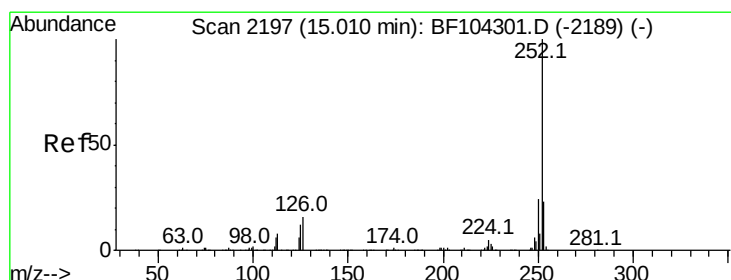
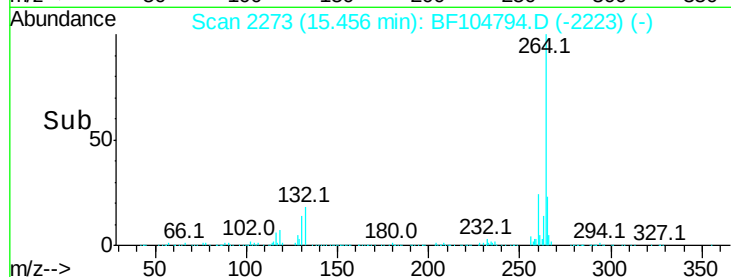
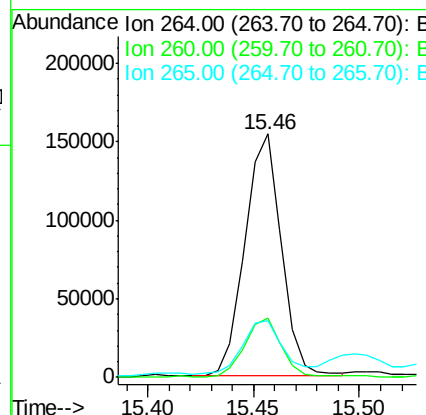
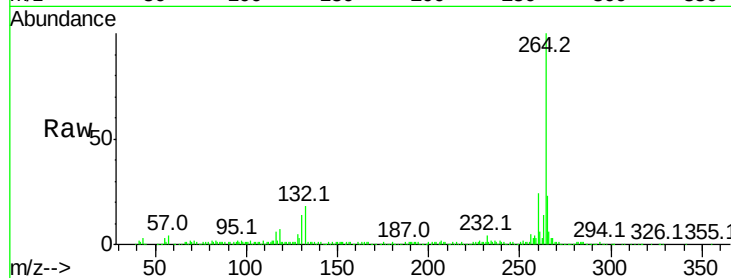




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF104794.D
Acq: 25 Apr 2018 17:40

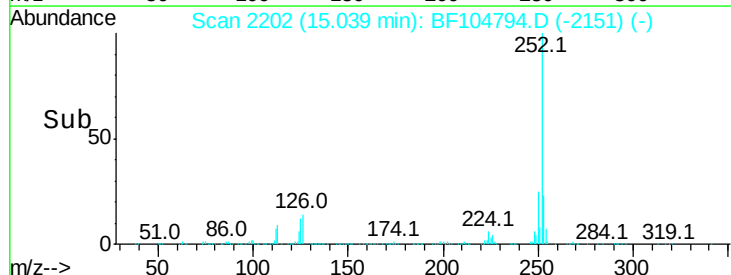
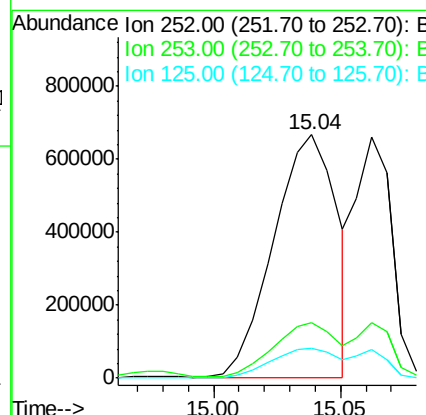
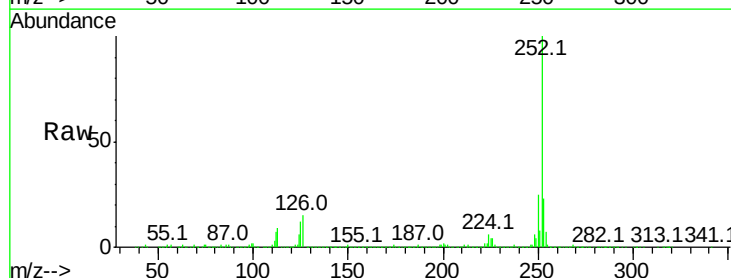
Instrument :
BNA_F
ClientSampleId :

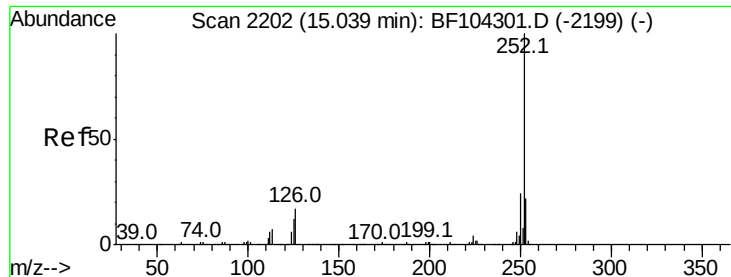
Tot Ion:264 Resp: 185431
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 23.2 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 98.351 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BF104794.D
Acq: 25 Apr 2018 17:40

Tgt Ion:252 Resp: 1151833
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.6
125 12.1 9.0 13.6

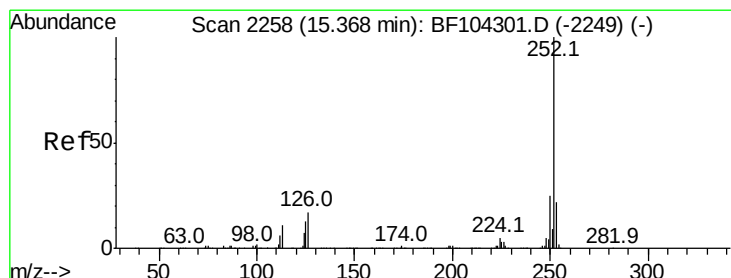
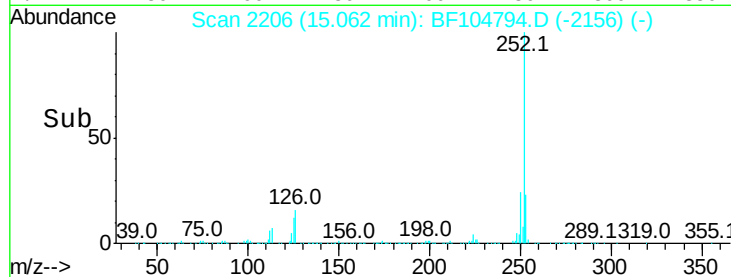
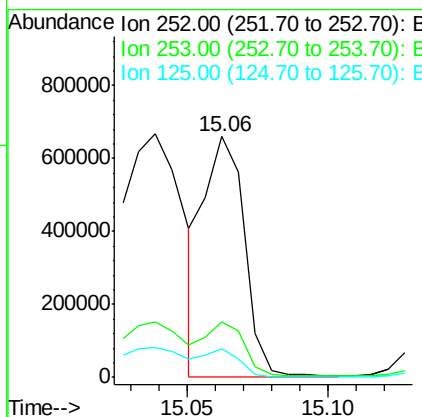
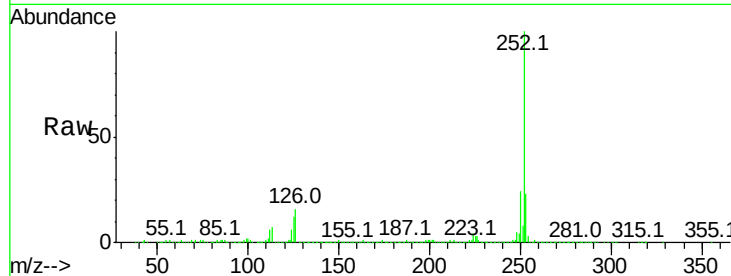




#88
Benzo(k)fluoranthene
Concen: 59.445 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF104794.D
Acq: 25 Apr 2018 17:40

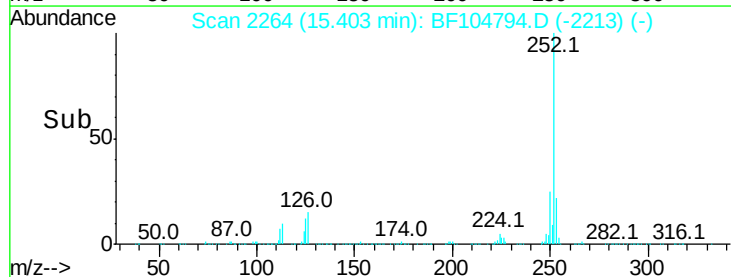
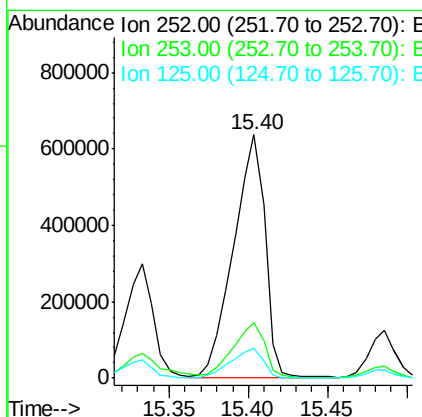
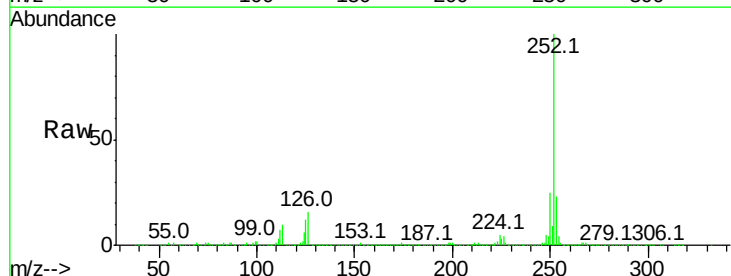
Instrument :
BNA_F
ClientSampleId :

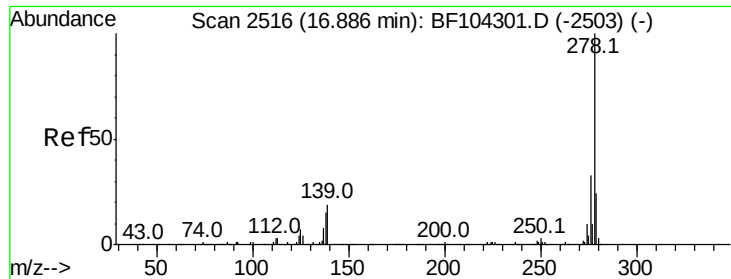
Tot Ion:252 Resp: 657262
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 12.0 10.2 15.2



#89
Benzo(a)pyrene
Concen: 83.170 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.00 min
Lab File: BF104794.D
Acq: 25 Apr 2018 17:40

Tgt Ion:252 Resp: 871526
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 12.4 9.8 14.6

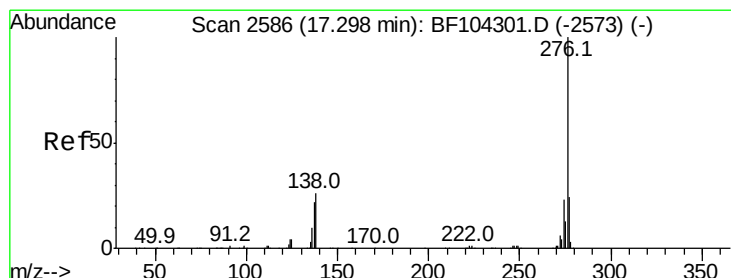
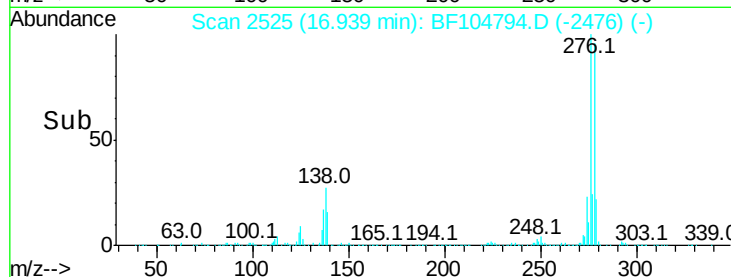
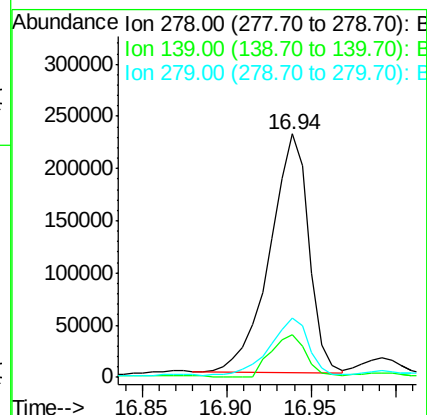
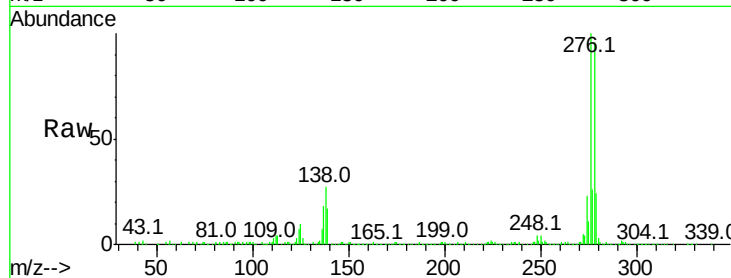




#90
Dibenzo(a,h)anthracene
Concen: 42.362 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF104794.D
Acq: 25 Apr 2018 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 364582
Ion Ratio Lower Upper
278 100
139 17.6 15.9 23.9
279 24.6 19.0 28.4



#91
Benzo(g,h,i)perylene
Concen: 63.014 ng
RT: 17.37 min Scan# 2599
Delta R.T. -0.01 min
Lab File: BF104794.D
Acq: 25 Apr 2018 17:40

Tgt Ion:276 Resp: 525415
Ion Ratio Lower Upper
276 100
277 23.3 17.9 26.9
138 23.7 21.8 32.8

