

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103414.D
 Acq On : 5 Mar 2018 17:45
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 05 23:51:22 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 05 13:40:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	119498	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	513444	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	234596	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	408717	20.00	ng	0.00
75) Chrysene-d12	14.07	240	292409	20.00	ng	0.00
86) Perylene-d12	15.59	264	286215	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	675117	85.45	ng	0.00
7) Phenol-d6	6.52	99	765282	79.16	ng	0.00
23) Nitrobenzene-d5	7.45	82	704125	78.32	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	135809	68.39	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1031874	73.31	ng	0.00
78) Terphenyl-d14	13.00	244	865172	71.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	161338	38.662	ng	93
3) Pyridine	3.42	79	450683	40.453	ng	99
4) n-Nitrosodimethylamine	3.37	42	183430	40.825	ng	91
6) Aniline	6.54	93	535811	38.400	ng	# 75
8) 2-Chlorophenol	6.66	128	323503	39.414	ng	91
9) Benzaldehyde	6.43	77	222963	37.164	ng	94
10) Phenol	6.53	94	436308	38.874	ng	# 57
11) bis(2-Chloroethyl)ether	6.61	93	334084	39.219	ng	96
12) 1,3-Dichlorobenzene	6.82	146	364251	38.834	ng	98
13) 1,4-Dichlorobenzene	6.89	146	376051	39.988	ng	99
14) 1,2-Dichlorobenzene	7.05	146	336002	38.749	ng	97
15) Benzyl Alcohol	7.02	79	282071	38.717	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	537067	36.715	ng	75
17) 2-Methylphenol	7.13	107	282457	37.868	ng	# 88
18) Hexachloroethane	7.38	117	133341	38.949	ng	96
19) n-Nitroso-di-n-propylamine	7.28	70	249056	41.391	ng	93
20) 3+4-Methylphenols	7.29	107	362921	39.914	ng	# 51
22) Acetophenone	7.29	105	466013	38.884	ng	# 87
24) Nitrobenzene	7.46	77	391589	39.560	ng	97
25) Isophorone	7.69	82	689058	38.914	ng	95
26) 2-Nitrophenol	7.77	139	185220	39.747	ng	92
27) 2,4-Dimethylphenol	7.81	122	270902	38.032	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	403184	38.727	ng	98
29) 2,4-Dichlorophenol	8.02	162	264279	38.753	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	271414	37.374	ng	98
31) Naphthalene	8.18	128	946219	37.642	ng	99
32) Benzoic acid	7.96	122	196313	38.712	ng	94
33) 4-Chloroaniline	8.23	127	422391	38.940	ng	96
34) Hexachlorobutadiene	8.29	225	141134	37.321	ng	99
35) Caprolactam	8.61	113	96044	40.072	ng	# 83
36) 4-Chloro-3-methylphenol	8.72	107	303377	39.441	ng	99
37) 2-Methylnaphthalene	8.87	142	607397	37.388	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	239069	37.277	ng	98
40) Hexachlorocyclopentadiene	9.02	237	76833	39.096	ng	96

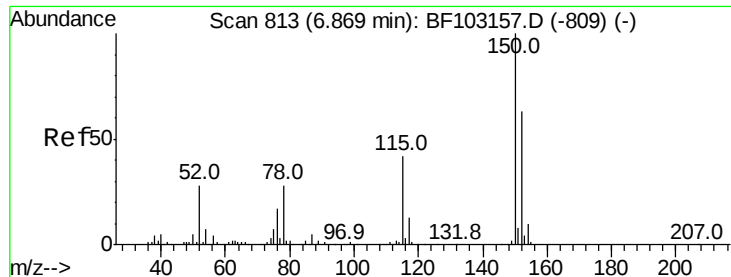
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103414.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	161046	37.319	nq	98
43) 2,4,5-Trichlorophenol	9.20	196	176143	35.489	nq	96
45) 1,1'-Biphenyl	9.33	154	726992	36.982	nq	99
46) 2-Chloronaphthalene	9.36	162	574732	36.955	nq	100
47) 2-Nitroaniline	9.47	65	235926	40.954	nq	88
48) Acenaphthylene	9.78	152	888217	37.120	nq	99
49) Dimethylphthalate	9.63	163	681085	36.190	nq	99
50) 2,6-Dinitrotoluene	9.71	165	144235	36.521	nq	97
51) Acenaphthene	9.95	154	513852	36.827	nq	99
52) 3-Nitroaniline	9.88	138	194083	38.734	nq	93
53) 2,4-Dinitrophenol	10.00	184	46027	38.005	nq	# 18
54) Dibenzofuran	10.12	168	707725	36.949	nq	94
55) 4-Nitrophenol	10.06	139	129562	41.721	nq	91
56) 2,4-Dinitrotoluene	10.12	165	178920	35.821	nq	# 75
57) Fluorene	10.47	166	587967	36.035	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	118658	35.588	nq	93
59) Diethylphthalate	10.33	149	671642	37.315	nq	100
60) 4-Chlorophenyl-phenylether	10.45	204	265947	38.436	nq	97
61) 4-Nitroaniline	10.50	138	183379	36.641	nq	100
62) Azobenzene	10.62	77	730344	39.863	nq	94
64) 4,6-Dinitro-2-methylphenol	10.54	198	77943	33.058	nq	94
65) n-Nitrosodiphenylamine	10.57	169	518224	36.415	nq	100
66) 4-Bromophenyl-phenylether	10.95	248	153445	36.040	nq	97
67) Hexachlorobenzene	11.02	284	163889	35.465	nq	99
68) Atrazine	11.10	200	151779	35.484	nq	99
69) Pentachlorophenol	11.22	266	84430	37.786	nq	98
70) Phenanthrene	11.44	178	817735	36.355	nq	99
71) Anthracene	11.49	178	853717	37.013	nq	99
72) Carbazole	11.65	167	857471	37.332	nq	99
73) Di-n-butylphthalate	11.96	149	1085980	37.785	nq	99
74) Fluoranthene	12.63	202	835437	36.961	nq	99
76) Benzidine	12.75	184	490040	44.827	nq	99
77) Pyrene	12.86	202	853403	37.433	nq	99
79) Butylbenzylphthalate	13.46	149	477283	39.625	nq	96
80) Benzo(a)anthracene	14.06	228	708695	37.354	nq	100
81) 3,3'-Dichlorobenzidine	14.02	252	243930	36.026	nq	98
82) Chrysene	14.10	228	691064	37.513	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	580324	35.703	nq	# 99
84) Di-n-octyl phthalate	14.64	149	1023952	38.990	nq	97
85) Indeno(1,2,3-cd)pyrene	17.14	276	608185	41.702	nq	99
87) Benzo(b)fluoranthene	15.14	252	682071	36.245	nq	97
88) Benzo(k)fluoranthene	15.17	252	610175	34.433	nq	99
89) Benzo(a)pyrene	15.53	252	609613	36.276	nq	98
90) Dibenzo(a,h)anthracene	17.14	278	507883	39.112	nq	98
91) Benzo(g,h,i)perylene	17.61	276	493524	38.888	nq	96

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

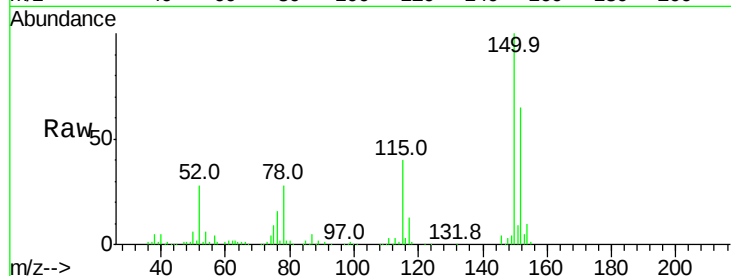


#1

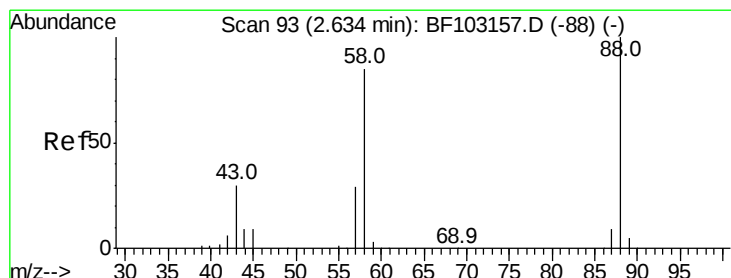
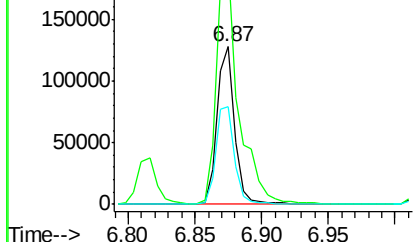
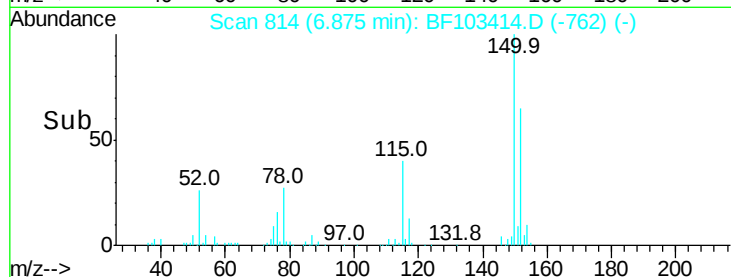
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103414.D
Acq: 5 Mar 2018 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 119498
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 62.0 50.1 75.1



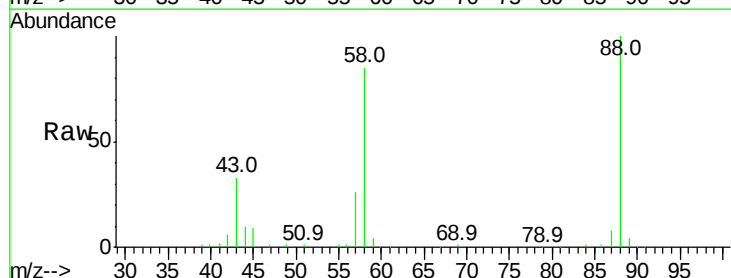
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



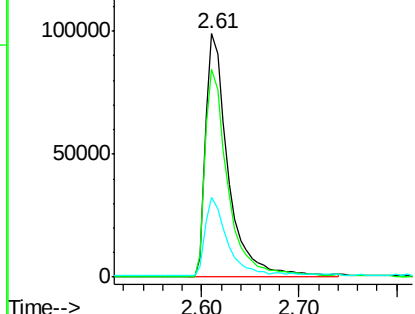
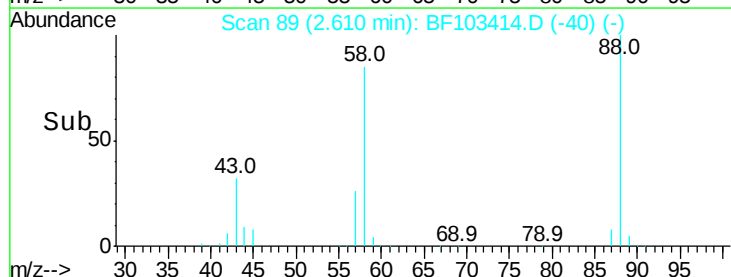
#2

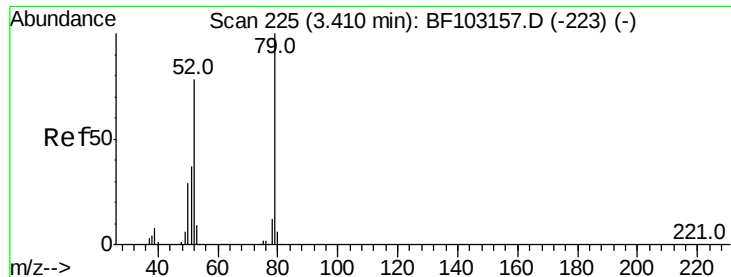
1,4-Dioxane
Concen: 38.662 ng
RT: 2.61 min Scan# 89
Delta R.T. -0.01 min
Lab File: BF103414.D
Acq: 5 Mar 2018 17:45

Tgt Ion: 88 Resp: 161338
Ion Ratio Lower Upper
88 100
58 85.6 62.6 93.8
43 31.7 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: 40.453 ng

RT: 3.42 min Scan# 227

Delta R.T. -0.01 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

Instrument :

BNA_F

ClientSampleId :

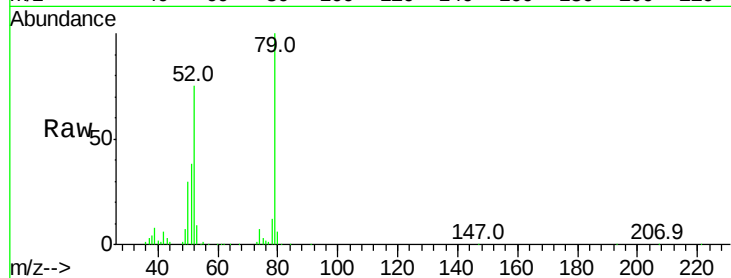
Tot Ion: 79 Resp: 450683

Ion Ratio Lower Upper

79 100

52 75.1 59.8 89.6

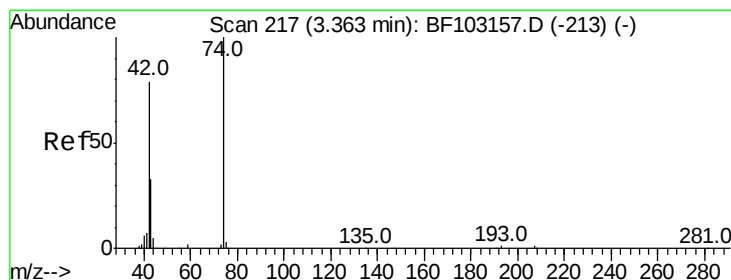
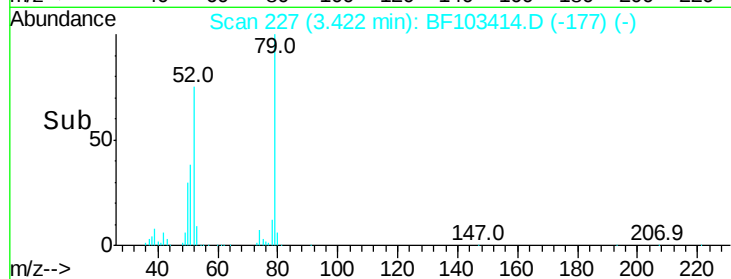
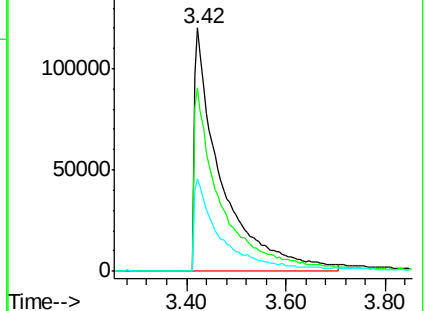
51 37.9 29.8 44.8



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: 40.825 ng

RT: 3.37 min Scan# 218

Delta R.T. -0.01 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

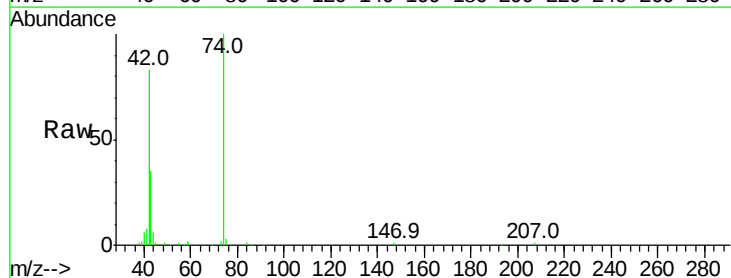
Tgt Ion: 42 Resp: 183430

Ion Ratio Lower Upper

42 100

74 120.7 104.9 157.3

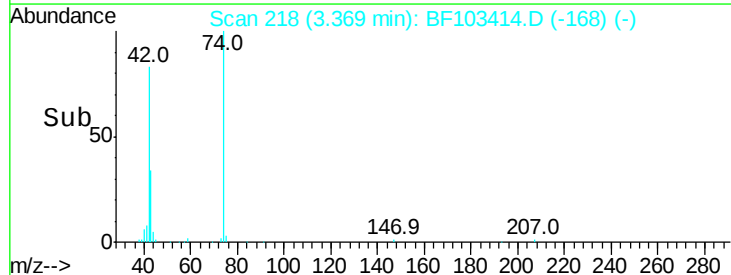
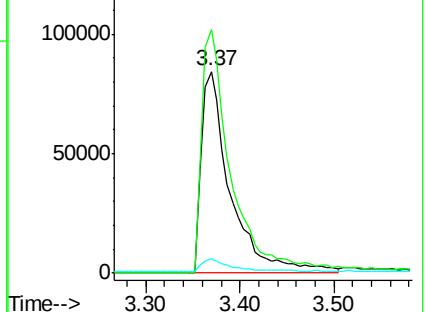
44 7.0 6.9 10.3

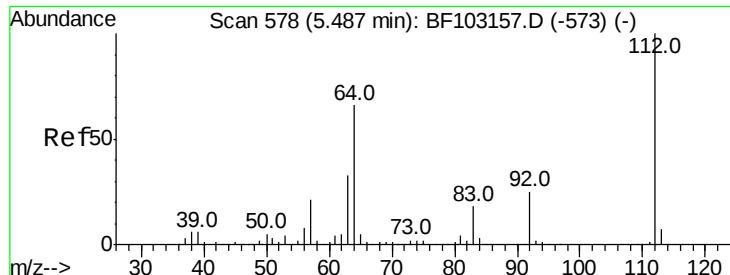


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 85.446 ng

RT: 5.50 min Scan# 580

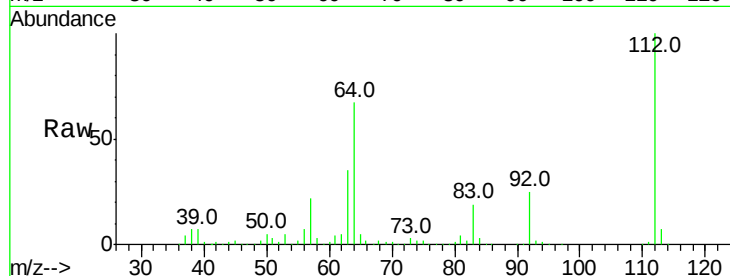
Delta R.T. -0.01 min

Lab File: BF103414.D

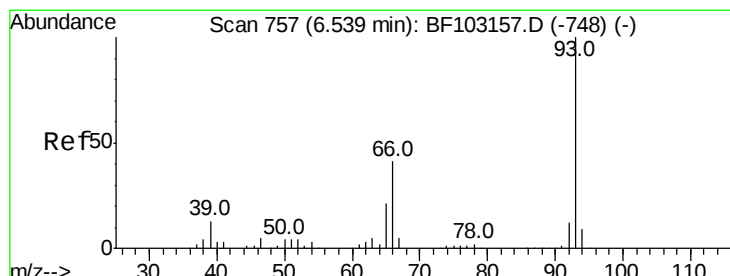
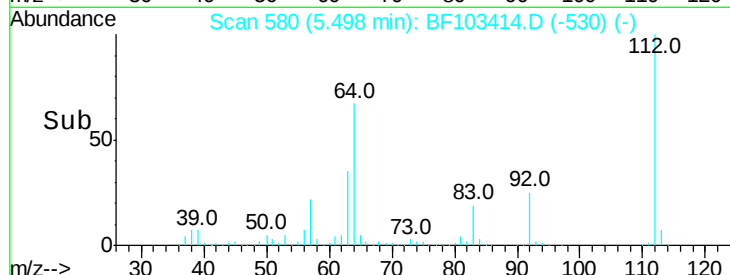
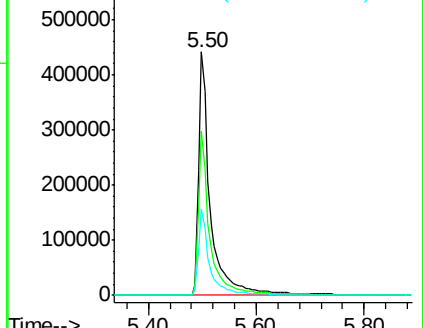
Acq: 5 Mar 2018 17:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	675117
Ion	Ratio	Lower	Upper
112	100		
64	67.4	47.9	71.9
63	35.3	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 38.400 ng

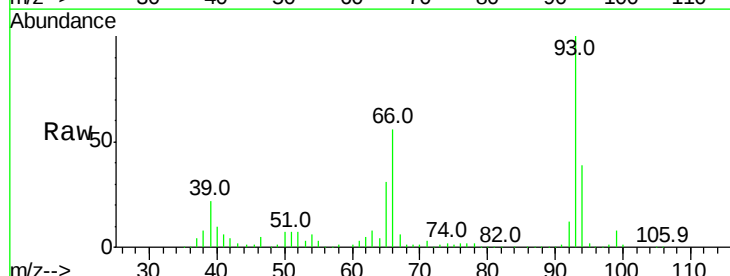
RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

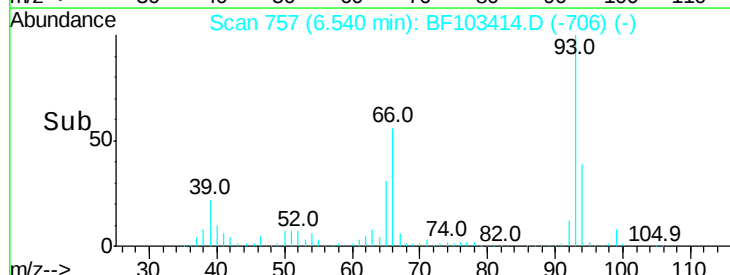
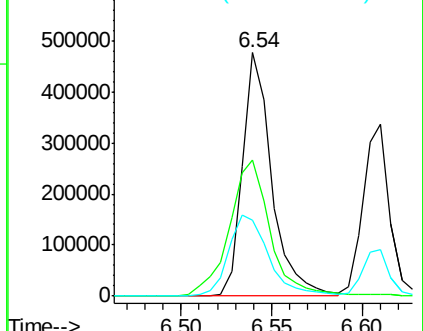
Lab File: BF103414.D

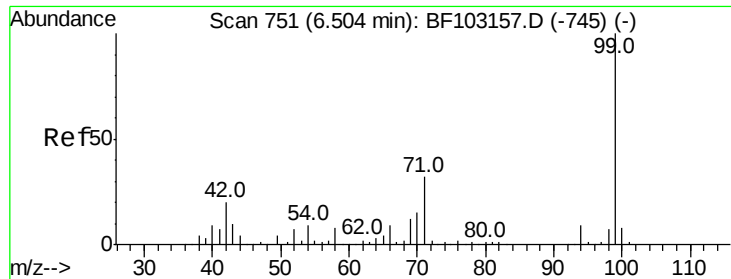
Acq: 5 Mar 2018 17:45

Tgt Ion:	93	Resp:	535811
Ion	Ratio	Lower	Upper
93	100		
66	56.1	32.2	48.2#
65	31.1	16.4	24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1





#7

Phenol-d6

Concen: 79.155 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

Instrument :

BNA_F

ClientSampleId :

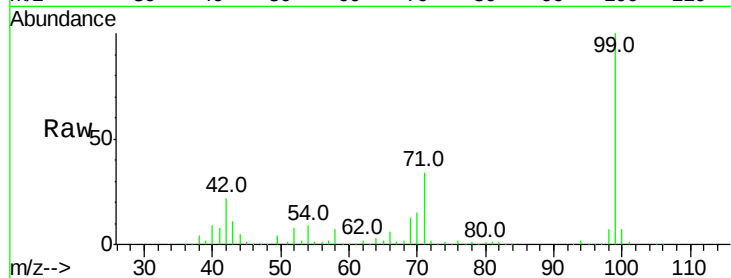
Tot Ion: 99 Resp: 765282

Ion Ratio Lower Upper

99 100

42 21.7 14.5 21.7#

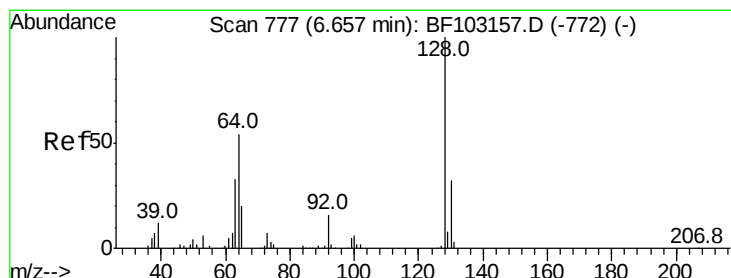
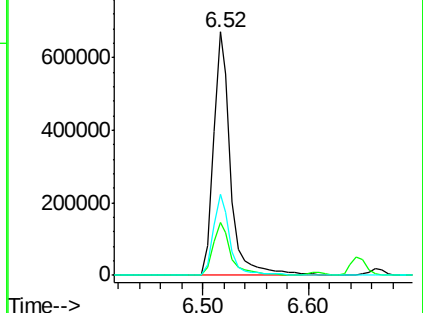
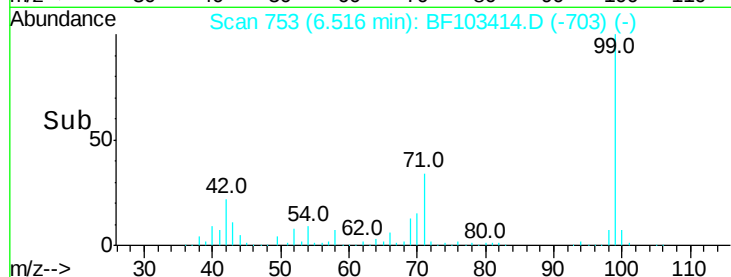
71 33.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.414 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

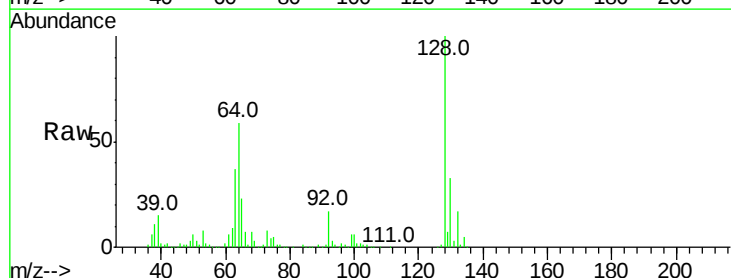
Tgt Ion:128 Resp: 323503

Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

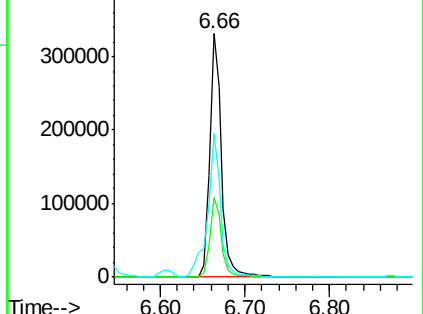
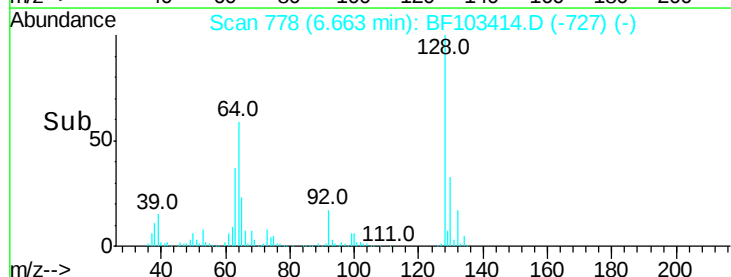
64 59.0 29.4 69.4

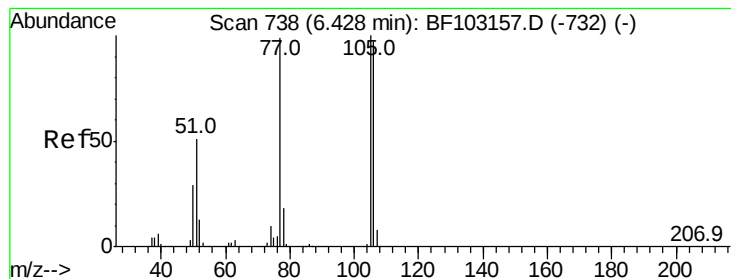


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.164 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

Instrument :

BNA_F

ClientSampled :

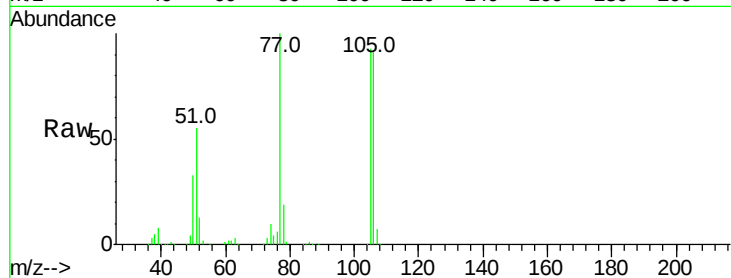
Tot Ion: 77 Resp: 222963

Ion Ratio Lower Upper

77 100

105 93.1 81.1 121.1

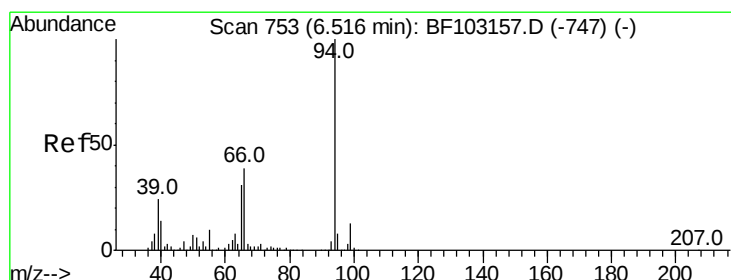
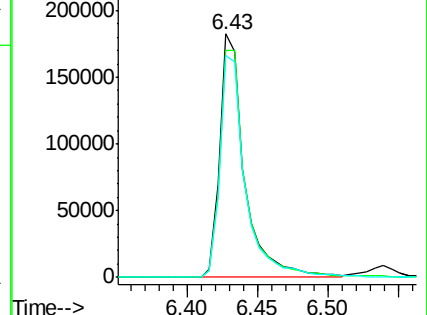
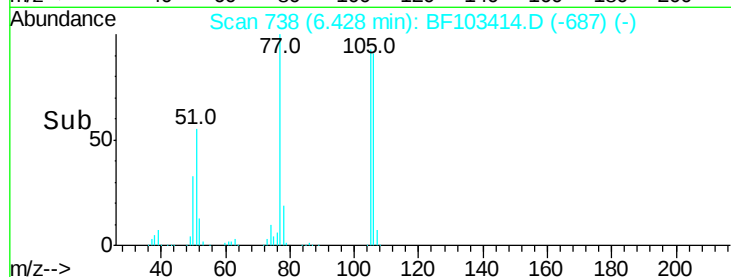
106 91.0 74.5 114.5



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: 38.874 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

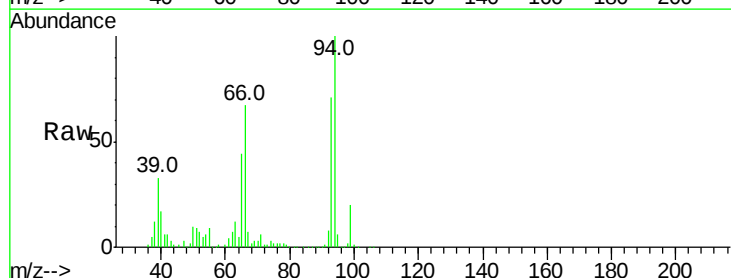
Tgt Ion: 94 Resp: 436308

Ion Ratio Lower Upper

94 100

65 44.0 7.9 47.9

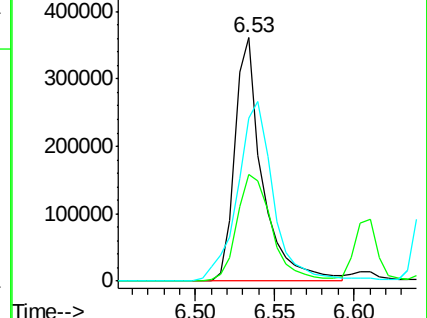
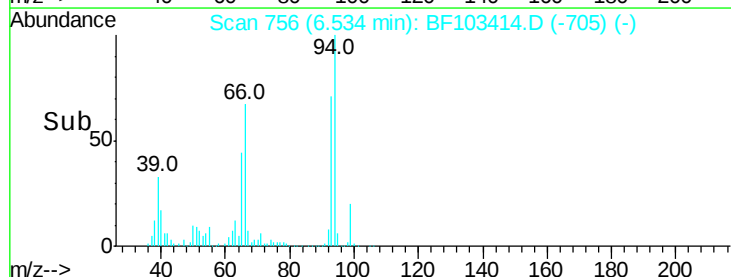
66 66.8 16.2 56.2#

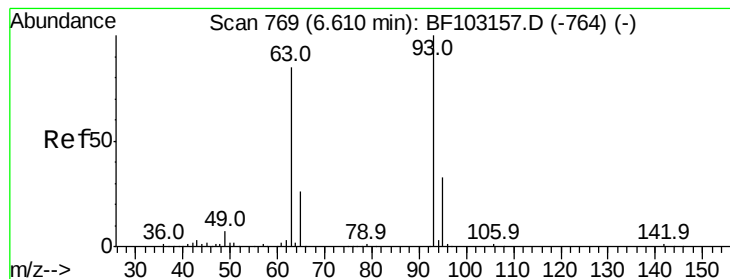


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

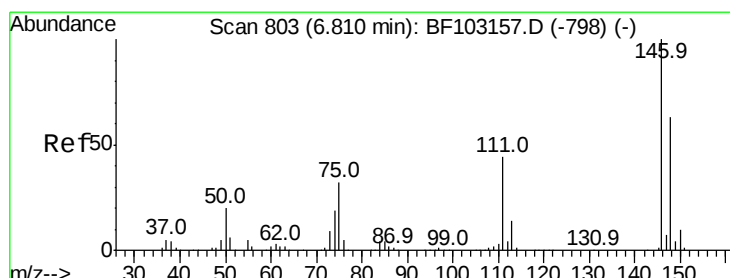
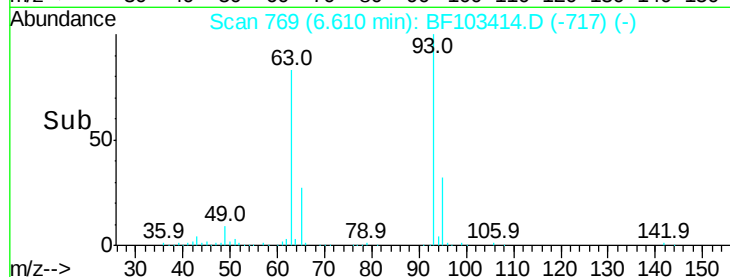
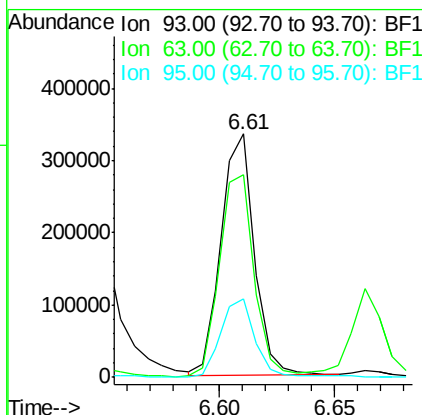
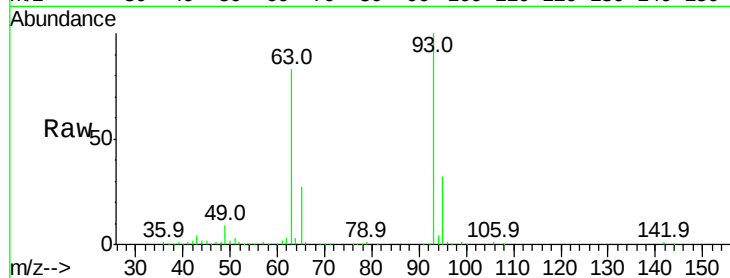




#11
 bis(2-Chloroethyl)ether
 Concen: 39.219 ng
 RT: 6.61 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: BF103414.D
 Acq: 5 Mar 2018 17:45

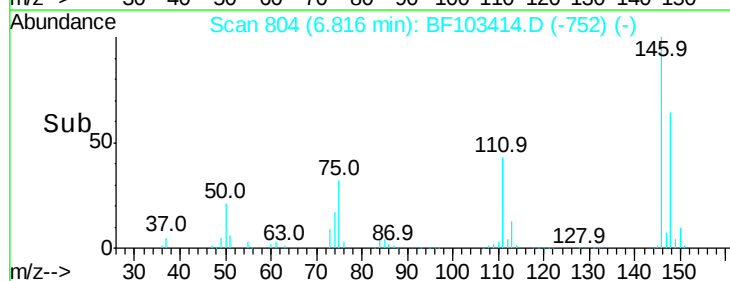
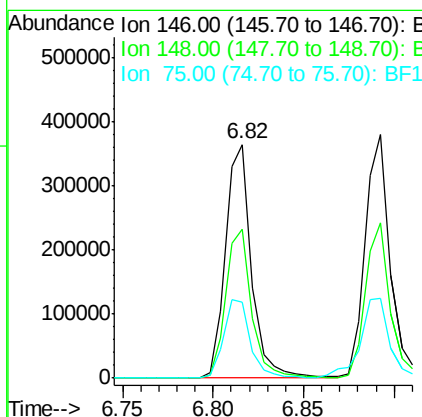
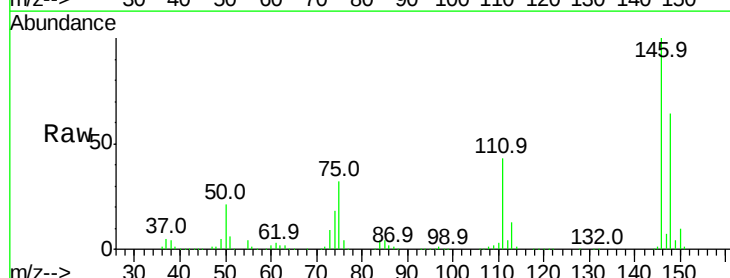
Instrument :
 BNA_F
 ClientSampleId :

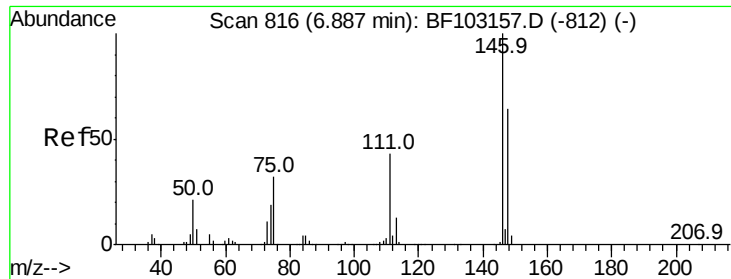
Tot Ion:	93	Resp:	334084
Ion	Ratio	Lower	Upper
93	100		
63	83.3	58.6	98.6
95	32.1	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 38.834 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF103414.D
 Acq: 5 Mar 2018 17:45

Tgt Ion:	146	Resp:	364251
Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.8
75	32.4	24.2	36.4

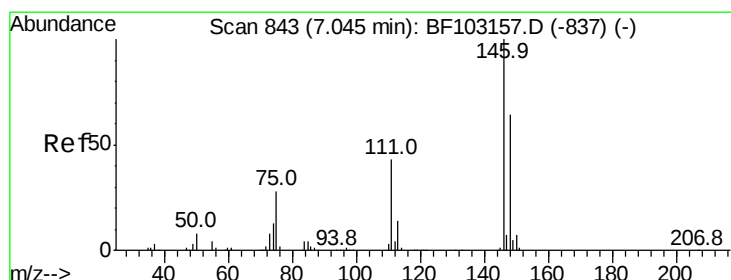
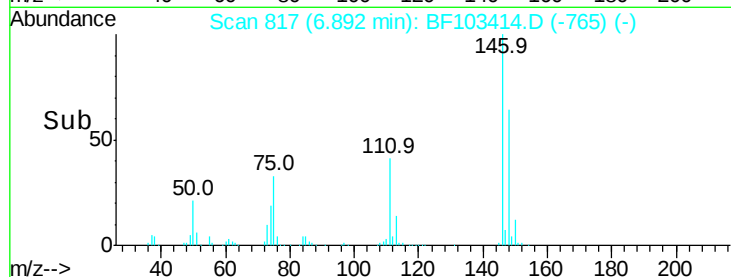
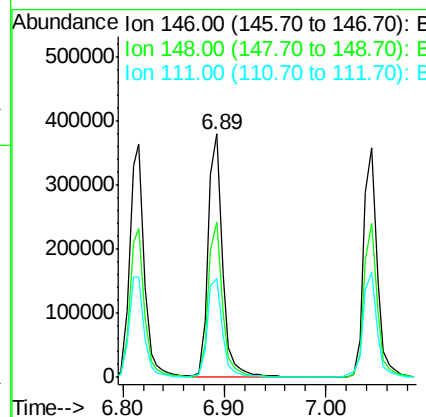
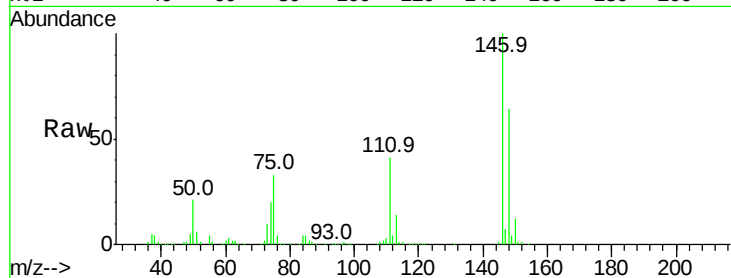




#13
1,4-Dichlorobenzene
Concen: 39.988 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.01 min
Lab File: BF103414.D
Acq: 5 Mar 2018 17:45

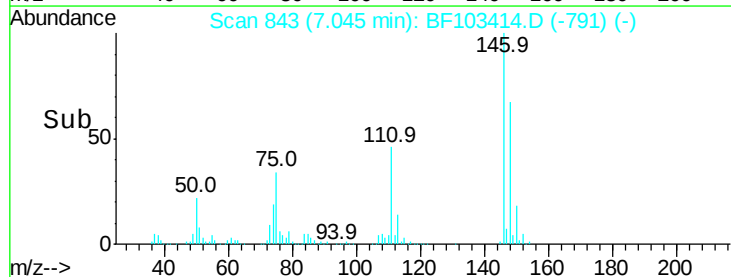
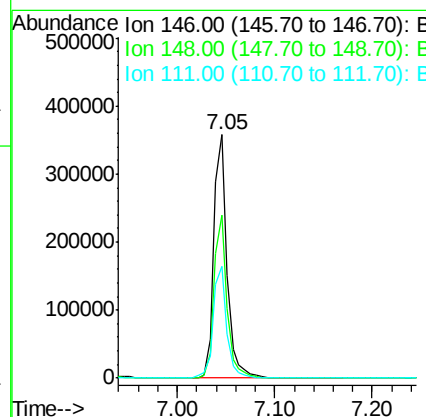
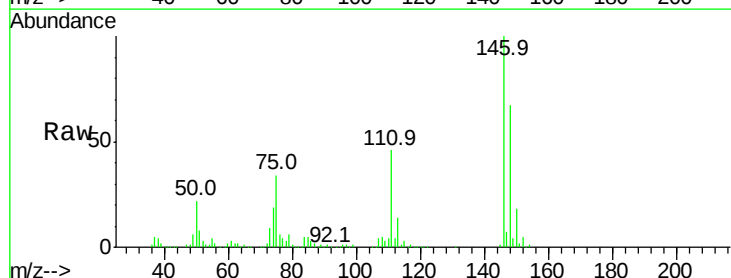
Instrument :
BNA_F
ClientSampled :

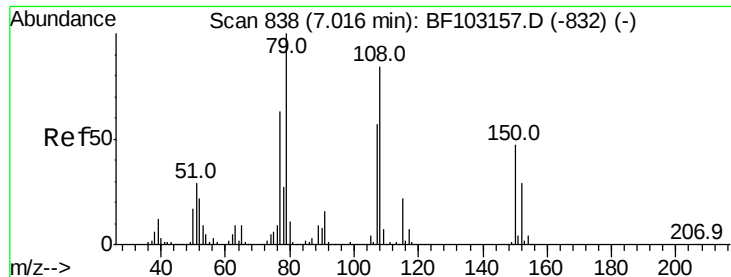
Tot Ion:146 Resp: 376051
Ion Ratio Lower Upper
146 100
148 63.8 50.8 76.2
111 40.7 34.2 51.2



#14
1,2-Dichlorobenzene
Concen: 38.749 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF103414.D
Acq: 5 Mar 2018 17:45

Tgt Ion:146 Resp: 336002
Ion Ratio Lower Upper
146 100
148 67.0 50.6 75.8
111 45.8 36.0 54.0





#15

Benzyl Alcohol

Concen: 38.717 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

Instrument :

BNA_F

ClientSampled :

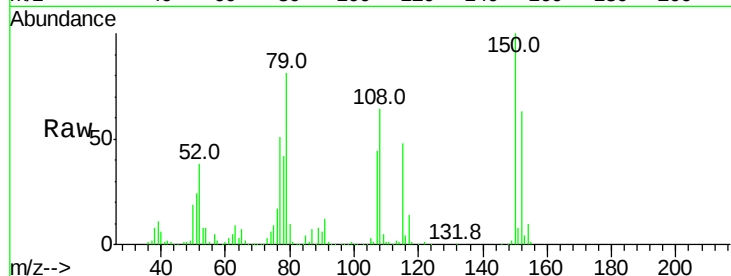
Tot Ion: 79 Resp: 282071

Ion Ratio Lower Upper

79 100

108 79.0 65.1 97.7

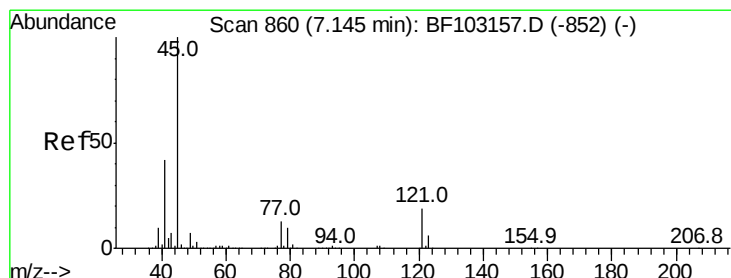
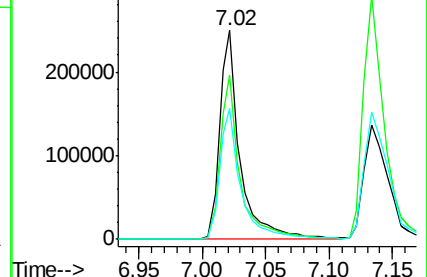
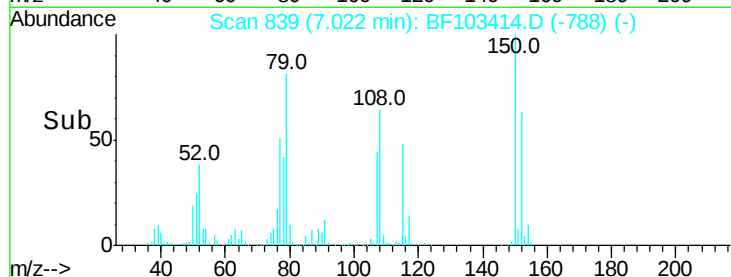
77 62.6 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.715 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

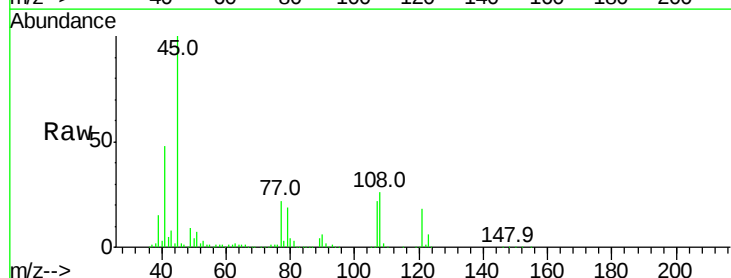
Tgt Ion: 45 Resp: 537067

Ion Ratio Lower Upper

45 100

77 22.4 0.0 32.9

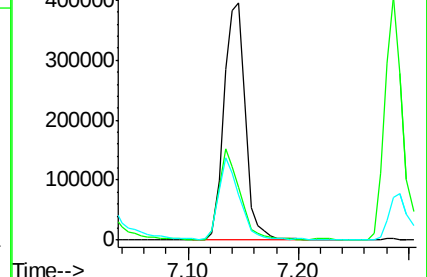
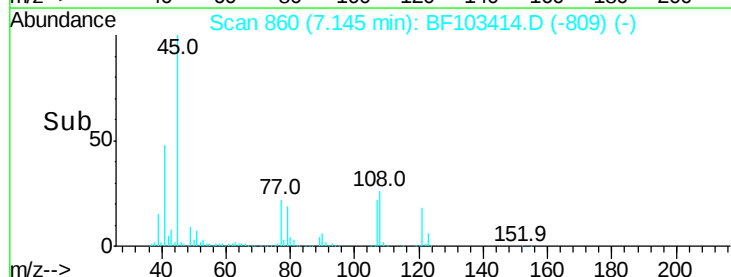
79 19.3 0.0 29.6

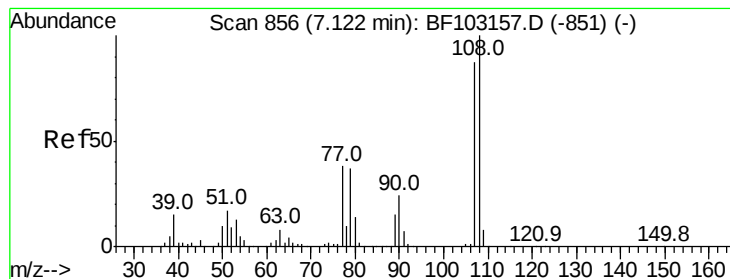


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 37.868 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 282457

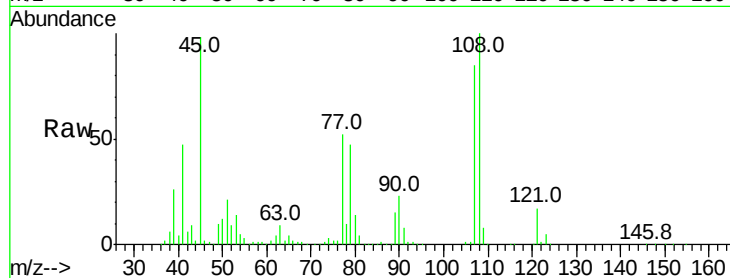
Ion Ratio Lower Upper

107 100

108 117.2 91.7 137.5

77 61.1 33.8 50.8#

79 55.0 33.8 50.8#

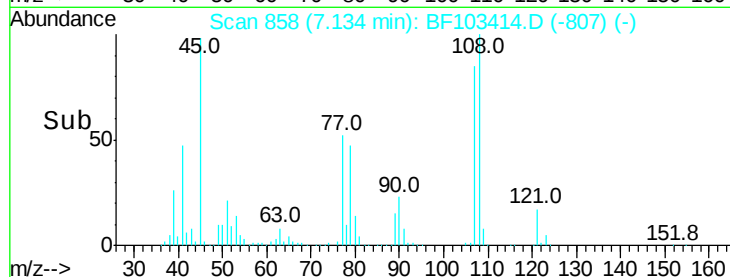


Abundance Ion 107.00 (106.70 to 107.70): E

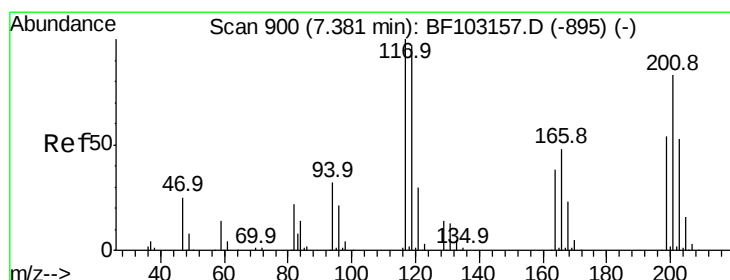
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 38.949 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.01 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

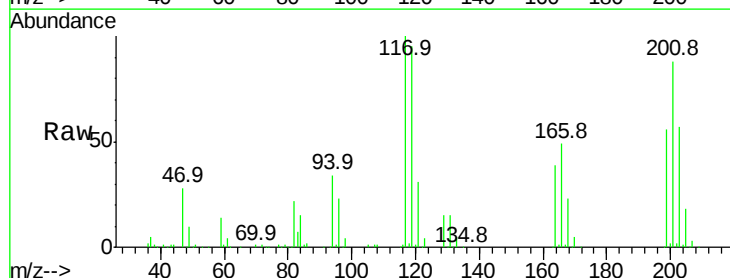
Tgt Ion:117 Resp: 133341

Ion Ratio Lower Upper

117 100

119 95.4 75.8 113.8

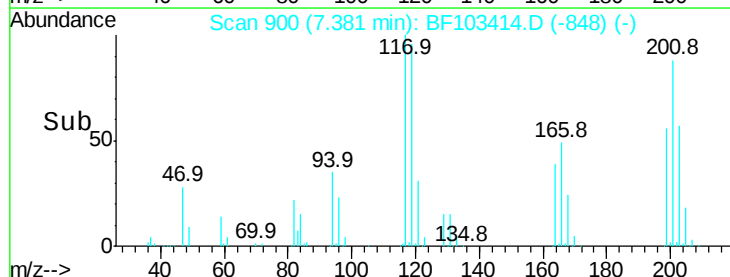
201 88.1 75.7 113.5



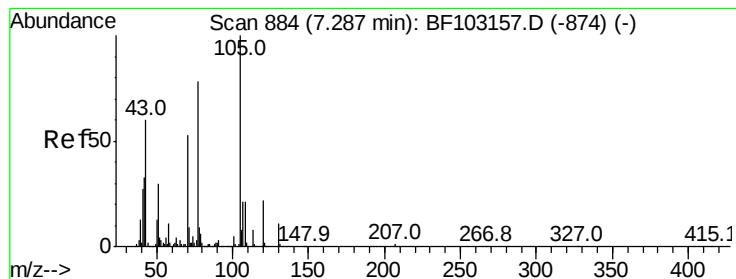
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 41.391 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 249056

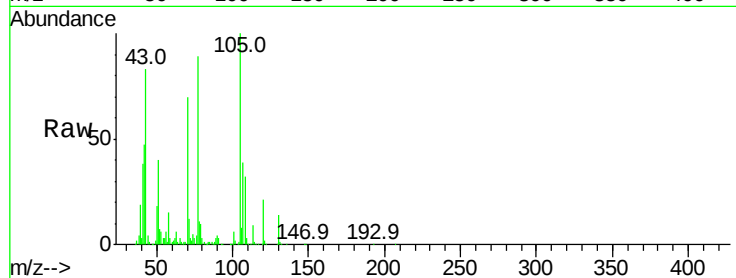
Ion Ratio Lower Upper

70 100

42 66.2 47.5 71.3

101 8.7 7.4 11.2

130 19.2 16.6 25.0

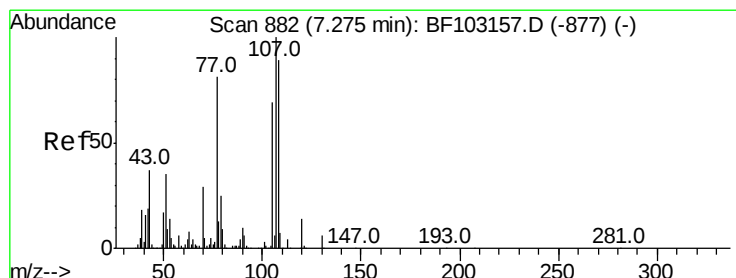
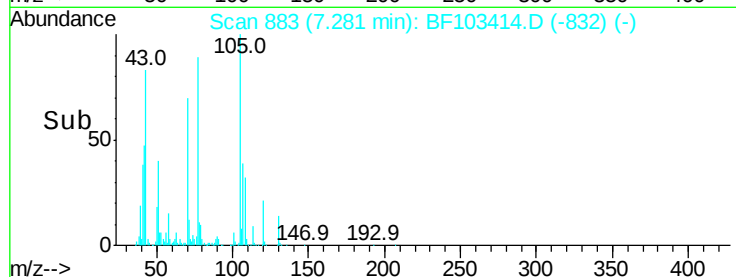
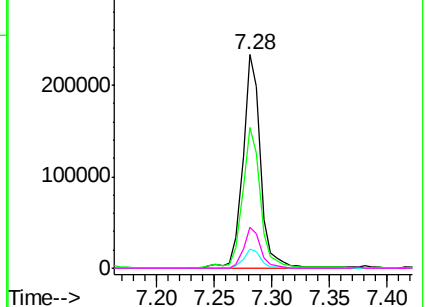


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 39.914 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

Tgt Ion: 107 Resp: 362921

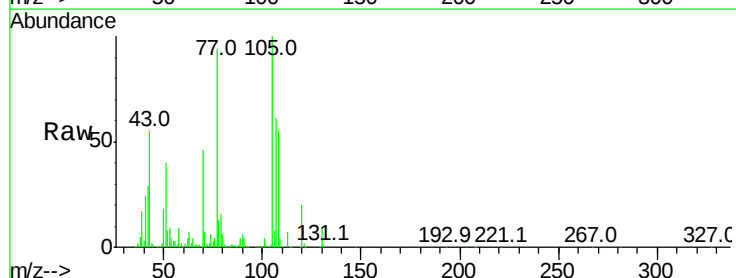
Ion Ratio Lower Upper

107 100

108 90.0 68.2 108.2

77 155.9 26.7 66.7#

79 27.2 6.3 46.3

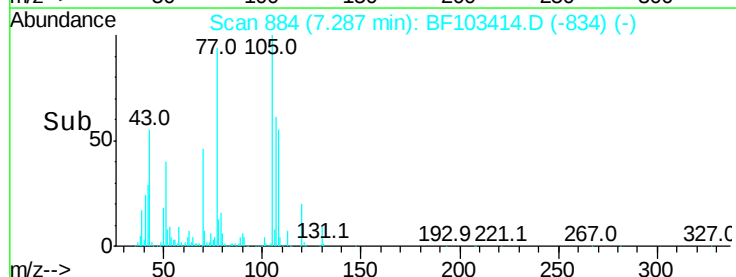
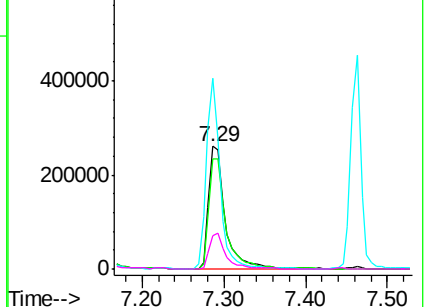


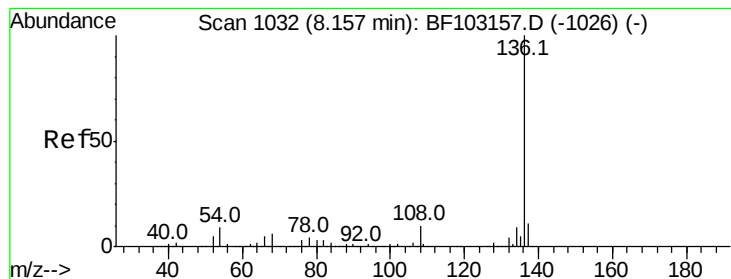
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 513444

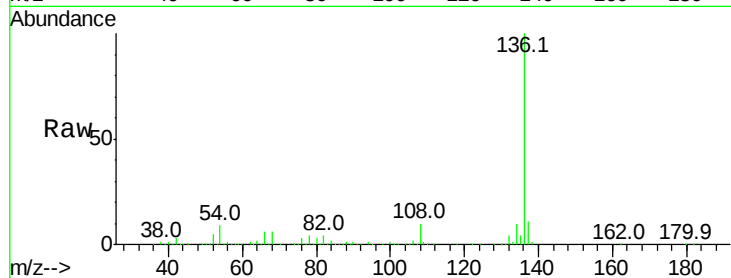
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.4 6.6 9.8

68 6.4 5.0 7.4

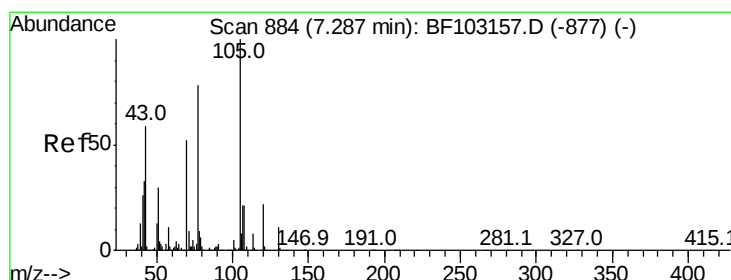
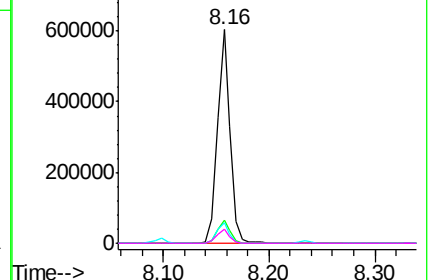
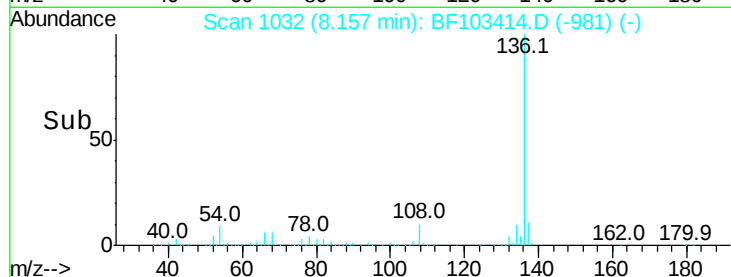


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.884 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

Tgt Ion:105 Resp: 466013

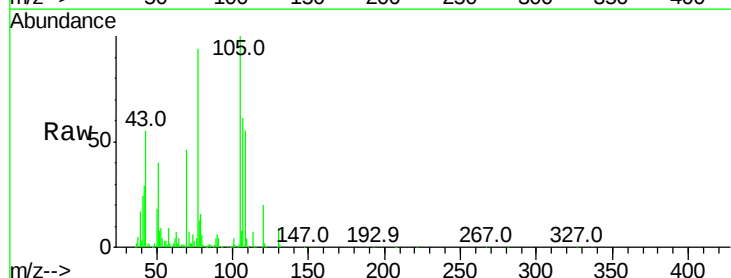
Ion Ratio Lower Upper

105 100

71 7.2 4.4 6.6#

51 39.8 22.3 33.5#

120 20.4 16.9 25.3

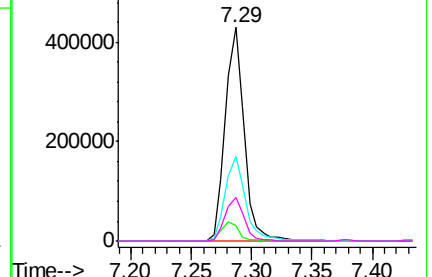
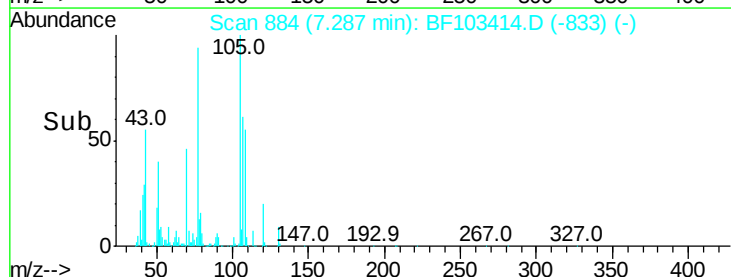


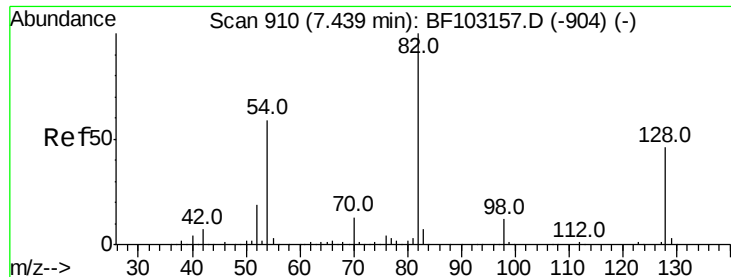
Abundance Ion 105.00 (104.70 to 105.70): E

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

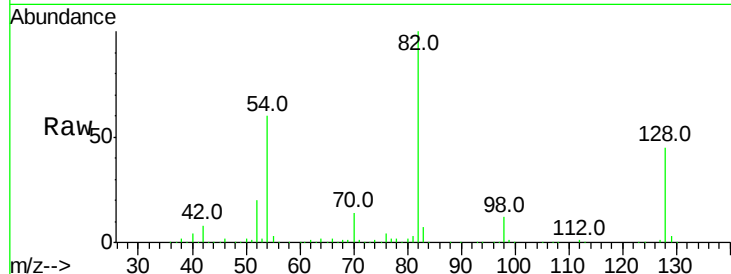




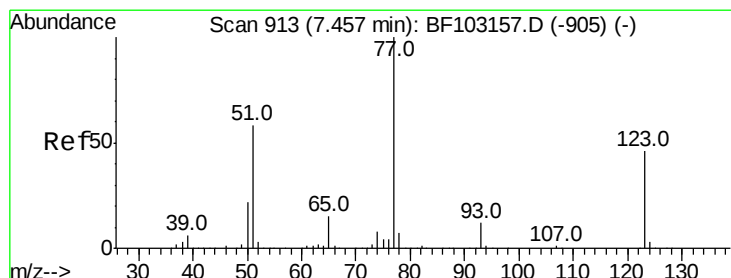
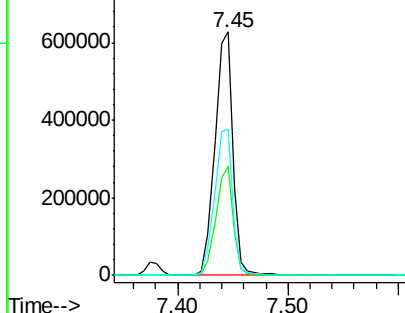
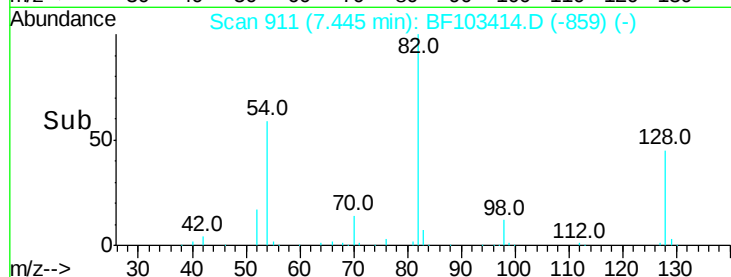
#23
Nitrobenzene-d5
Concen: 78.317 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF103414.D
Acq: 5 Mar 2018 17:45

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 704125
Ion Ratio Lower Upper
82 100
128 44.7 36.1 54.1
54 60.2 41.4 62.2

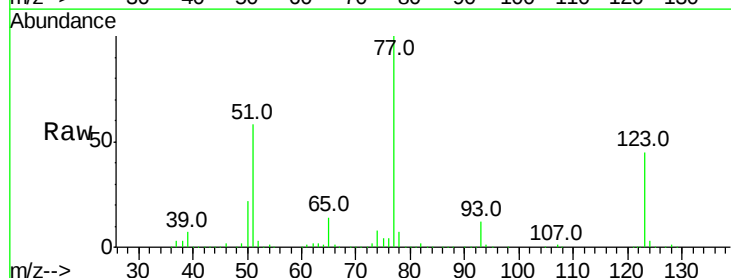


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

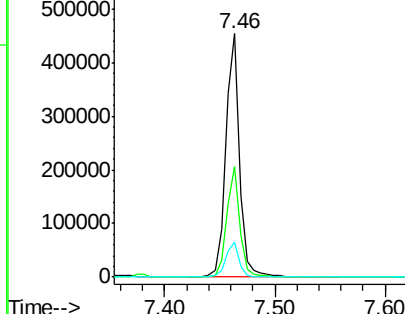
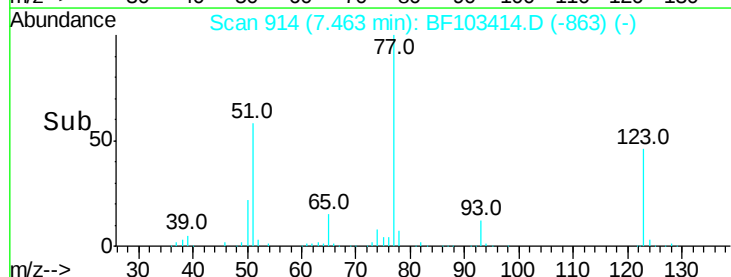


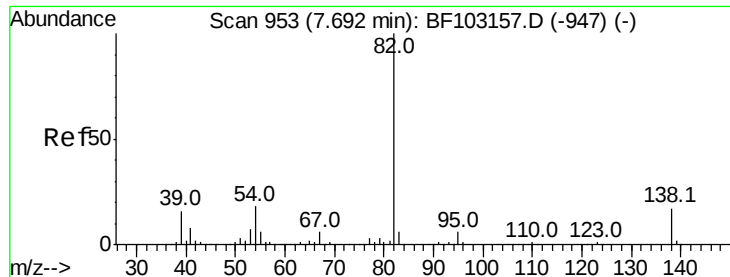
#24
Nitrobenzene
Concen: 39.560 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF103414.D
Acq: 5 Mar 2018 17:45

Tgt Ion: 77 Resp: 391589
Ion Ratio Lower Upper
77 100
123 45.2 37.9 56.9
65 14.4 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: 38.914 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

Instrument :

BNA_F

ClientSampleId :

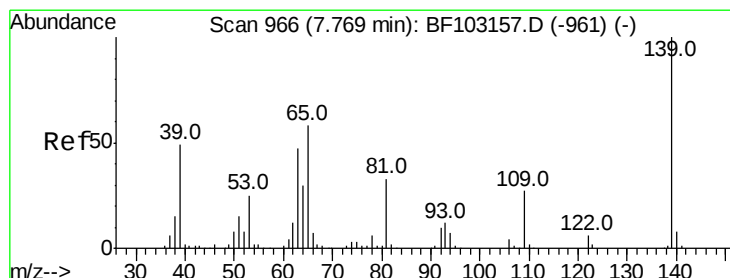
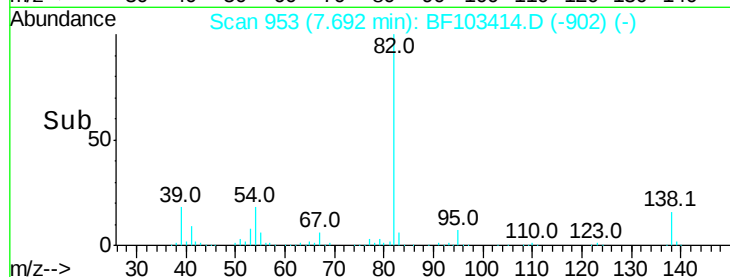
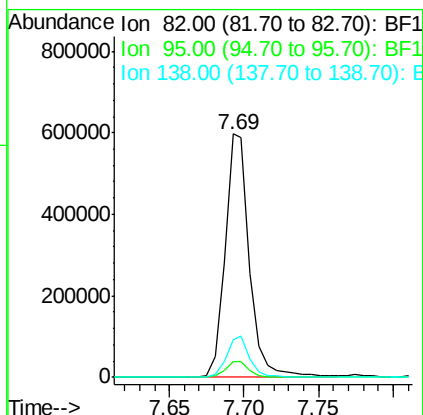
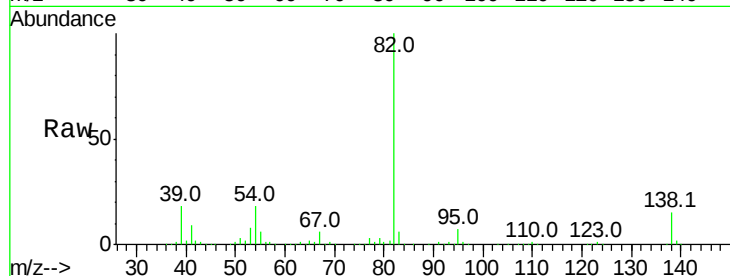
Tot Ion: 82 Resp: 689058

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 15.5 14.9 22.3



#26

2-Nitrophenol

Concen: 39.747 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

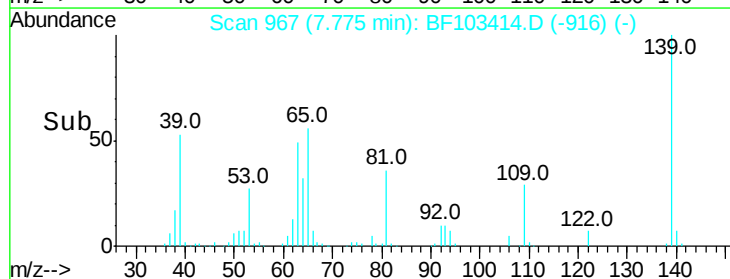
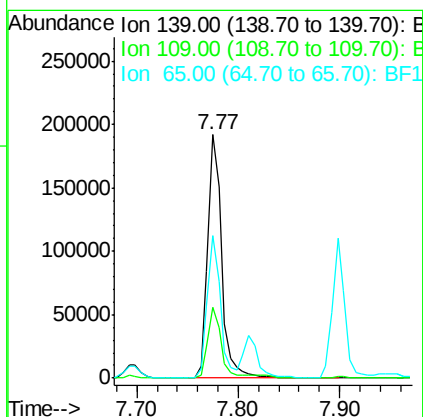
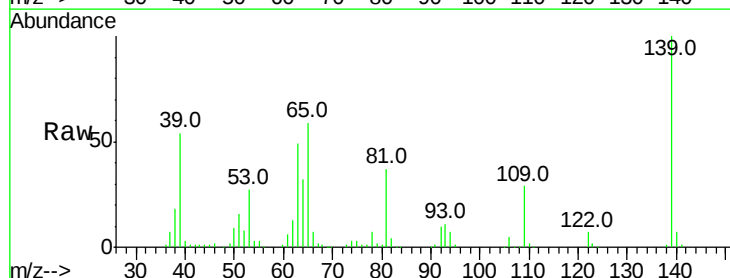
Tgt Ion: 139 Resp: 185220

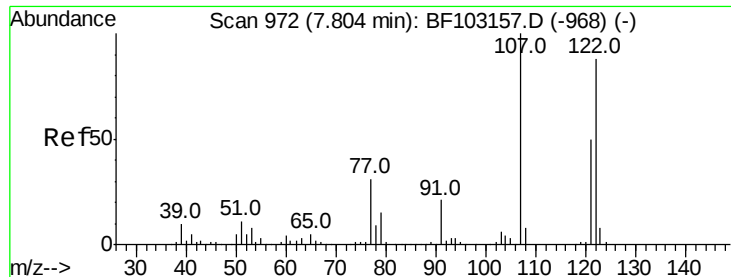
Ion Ratio Lower Upper

139 100

109 28.9 22.7 34.1

65 58.5 40.5 60.7

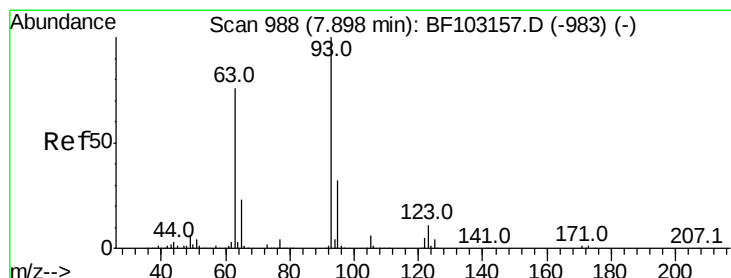
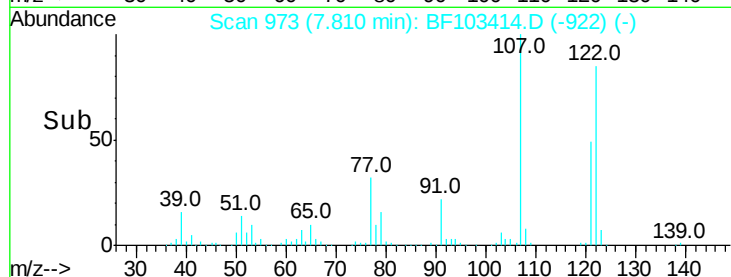
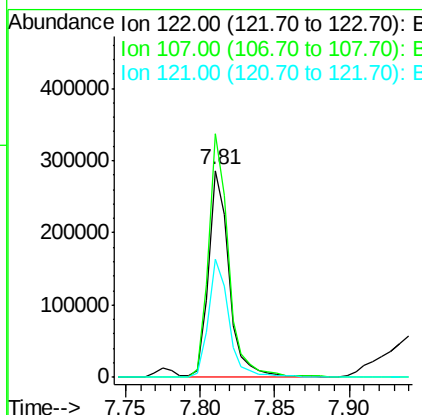
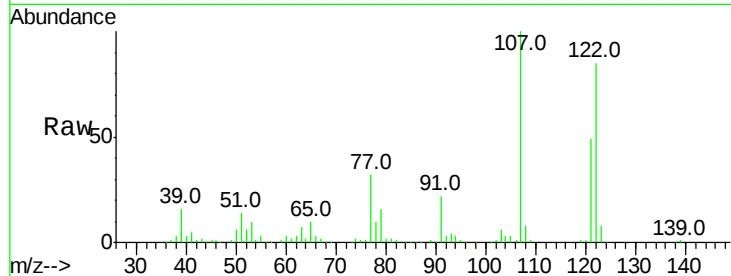




#27
2,4-Dimethylphenol
Concen: 38.032 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF103414.D
Acq: 5 Mar 2018 17:45

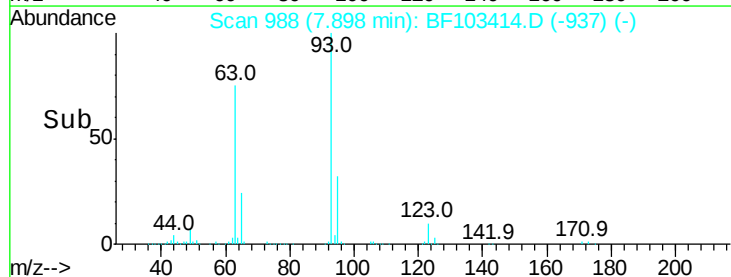
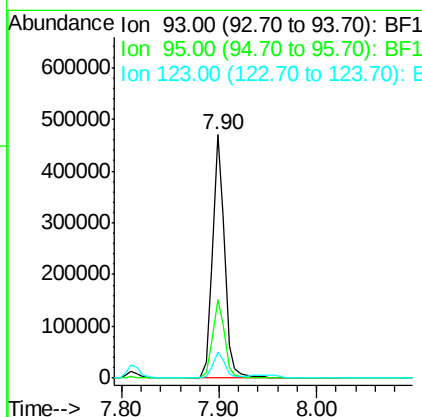
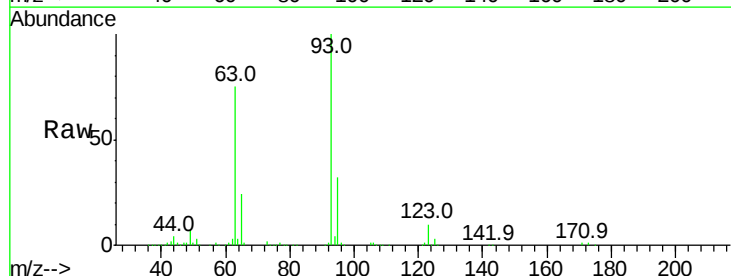
Instrument :
BNA_F
ClientSampleId :

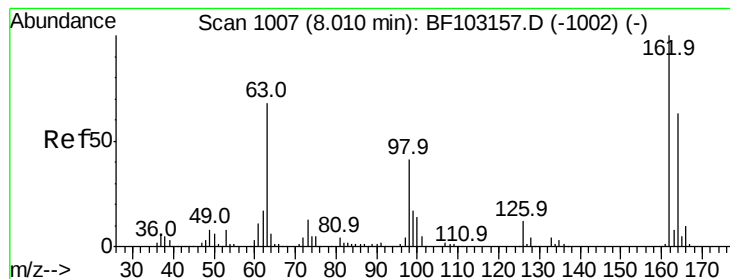
Tot Ion:122 Resp: 270902
Ion Ratio Lower Upper
122 100
107 117.5 91.2 136.8
121 57.1 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 38.727 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF103414.D
Acq: 5 Mar 2018 17:45

Tgt Ion: 93 Resp: 403184
Ion Ratio Lower Upper
93 100
95 32.3 26.3 39.5
123 10.5 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 38.753 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

Instrument :

BNA_F

ClientSampleId :

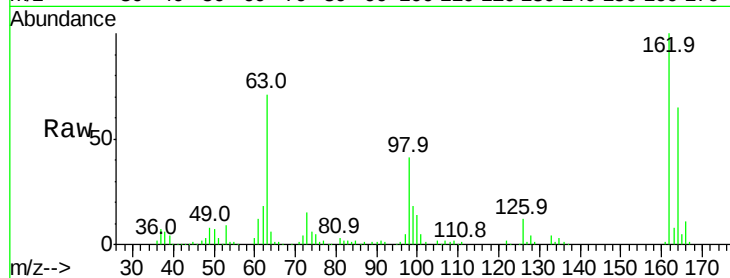
Tot Ion:162 Resp: 264279

Ion Ratio Lower Upper

162 100

164 65.2 42.7 82.7

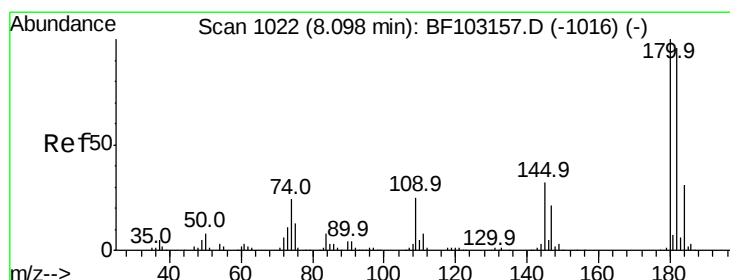
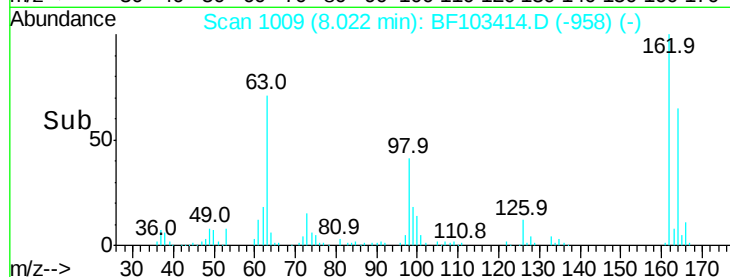
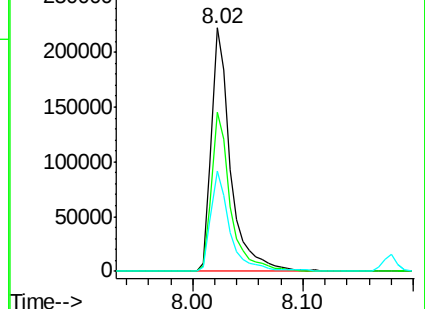
98 41.1 18.1 58.1



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: 37.374 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

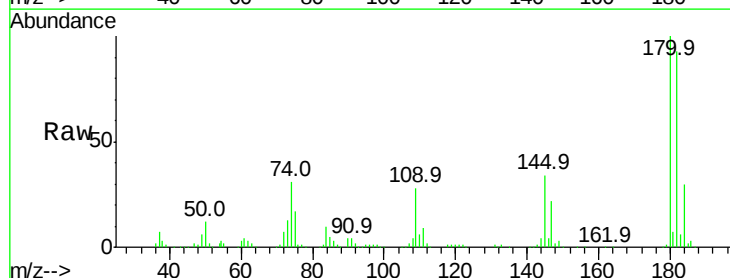
Tgt Ion:180 Resp: 271414

Ion Ratio Lower Upper

180 100

182 93.4 76.8 115.2

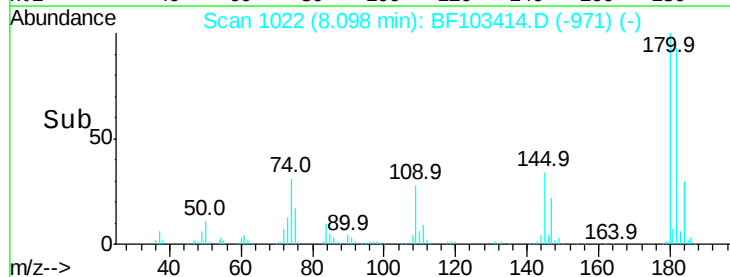
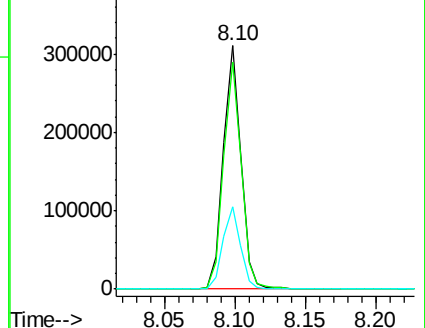
145 33.6 26.5 39.7

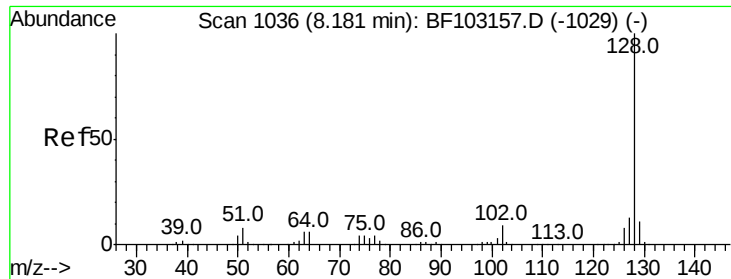


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

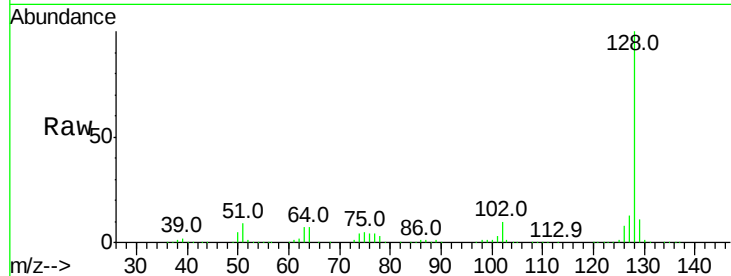




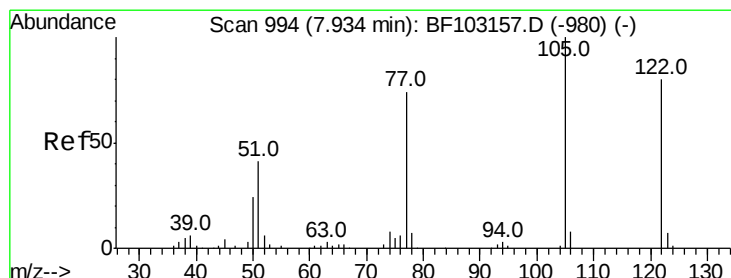
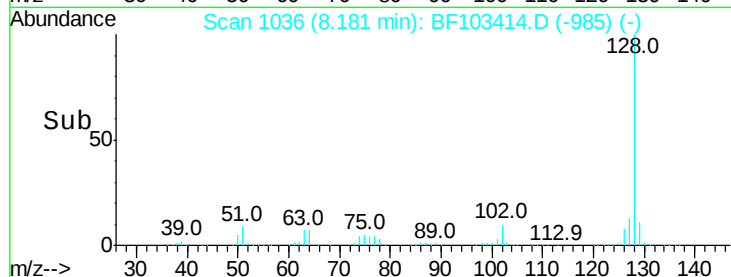
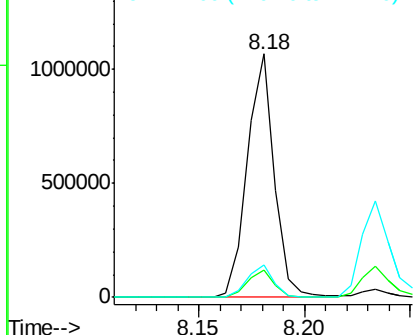
#31
Naphthalene
Concen: 37.642 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF103414.D
Acq: 5 Mar 2018 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 946219
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.3 10.9 16.3

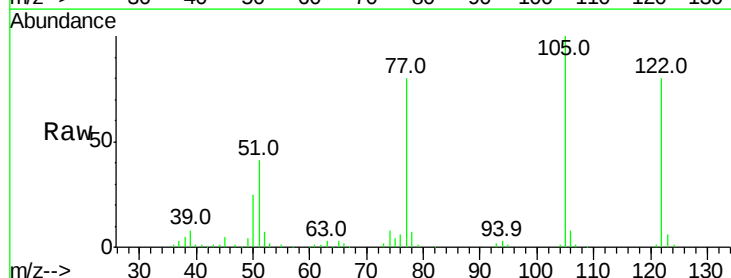


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

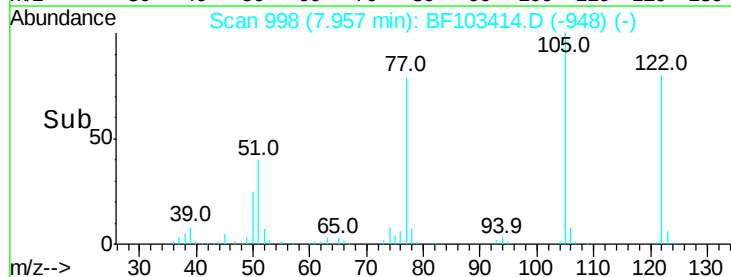
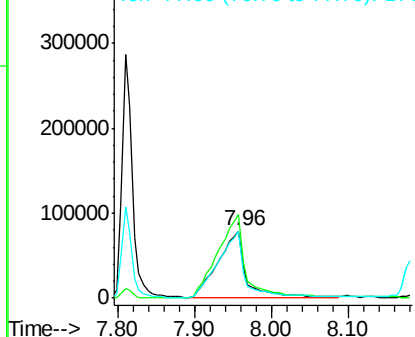


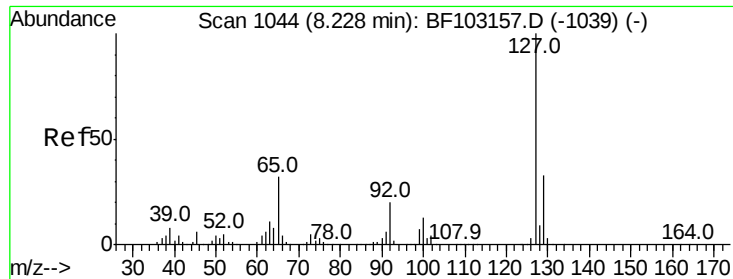
#32
Benzoic acid
Concen: 38.712 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF103414.D
Acq: 5 Mar 2018 17:45

Tgt Ion:122 Resp: 196313
Ion Ratio Lower Upper
122 100
105 124.4 101.1 141.1
77 99.2 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

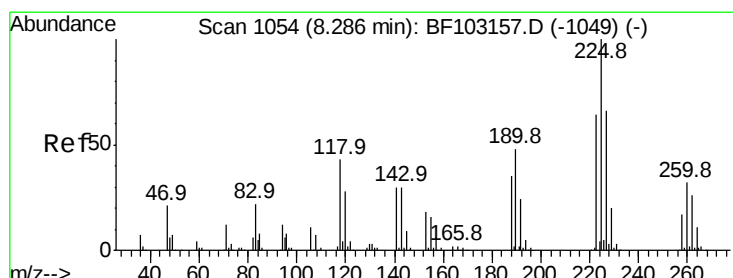
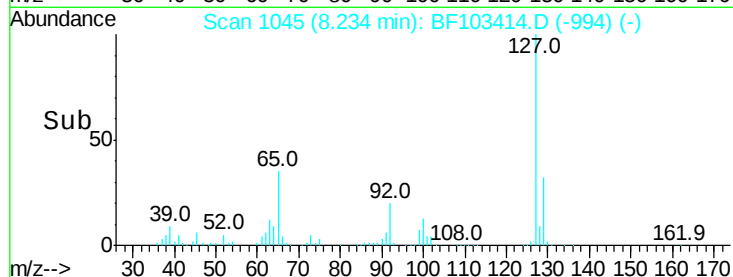
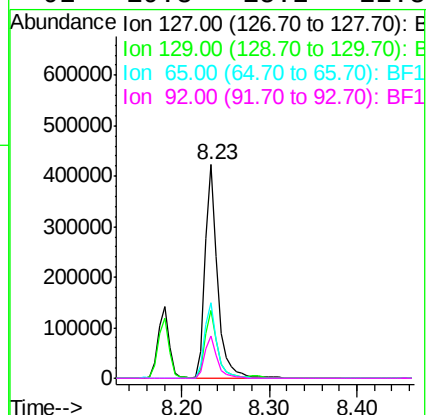
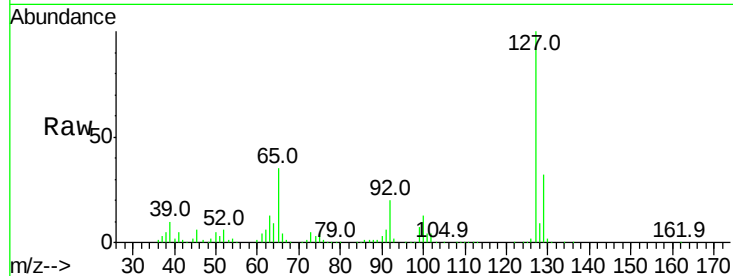




#33
4-Chloroaniline
Concen: 38.940 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF103414.D
Acq: 5 Mar 2018 17:45

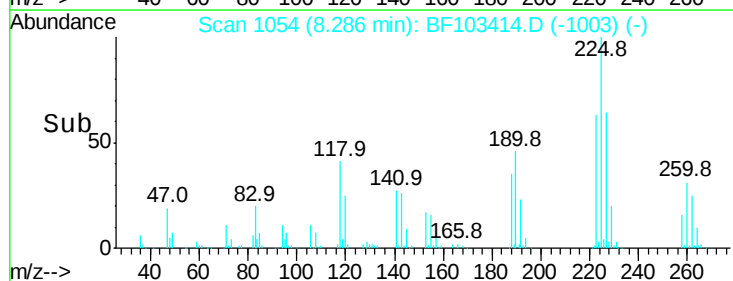
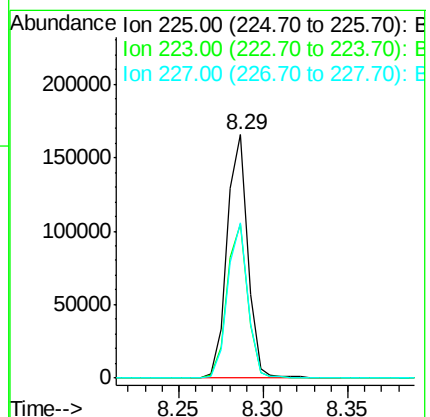
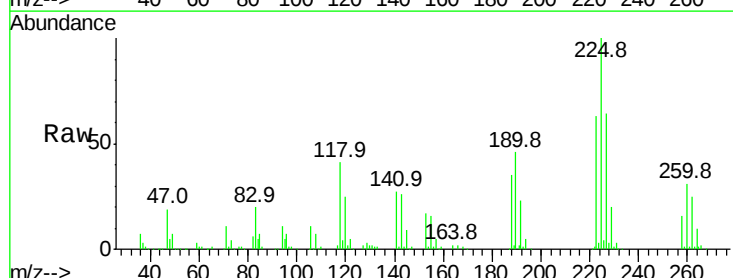
Instrument :
BNA_F
ClientSampleId :

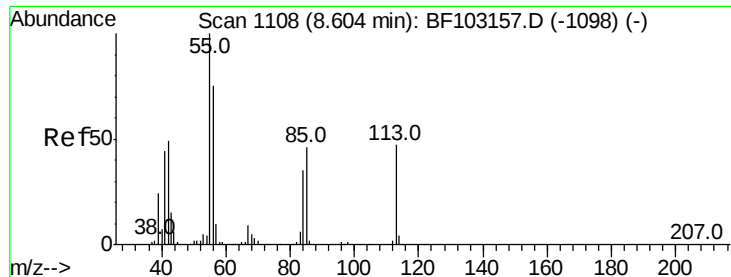
Tot Ion:	127	Resp:	422391
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	35.4	25.0	37.4
92	19.8	15.2	22.8



#34
Hexachlorobutadiene
Concen: 37.321 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF103414.D
Acq: 5 Mar 2018 17:45

Tgt Ion:	225	Resp:	141134
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	64.0	51.9	77.9





#35

Caprolactam

Concen: 40.072 ng

RT: 8.61 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

Instrument :

BNA_F

ClientSampleId :

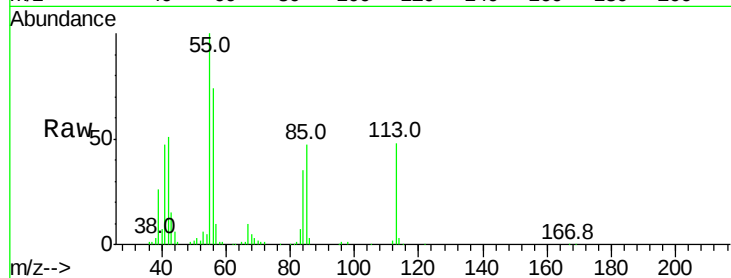
Tot Ion:113 Resp: 96044

Ion Ratio Lower Upper

113 100

55 209.5 163.3 203.3#

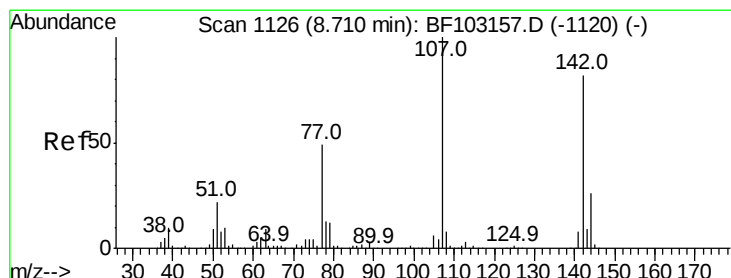
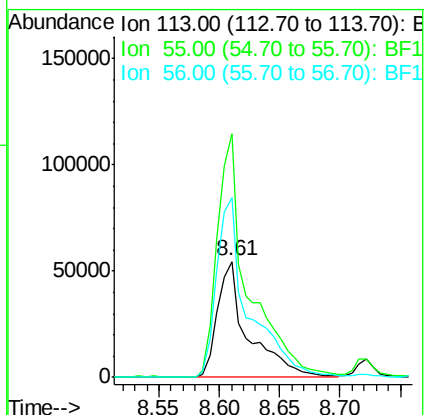
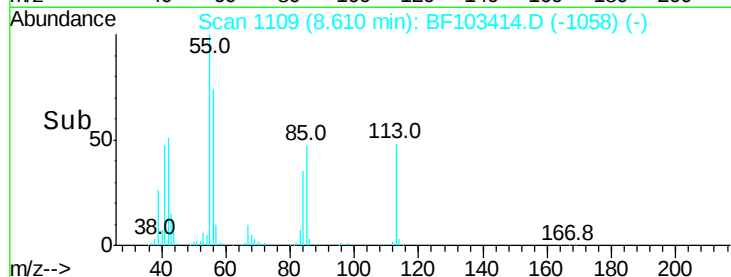
56 154.9 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.441 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

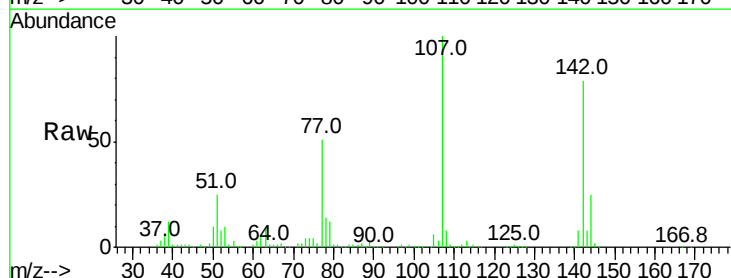
Tgt Ion:107 Resp: 303377

Ion Ratio Lower Upper

107 100

144 24.9 20.5 30.7

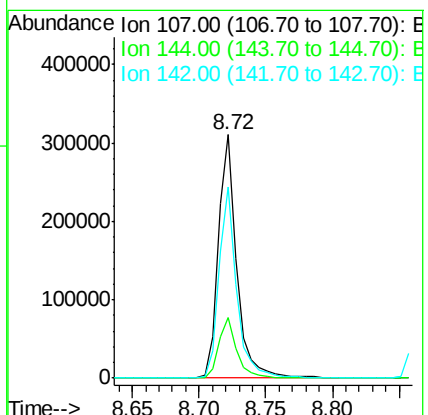
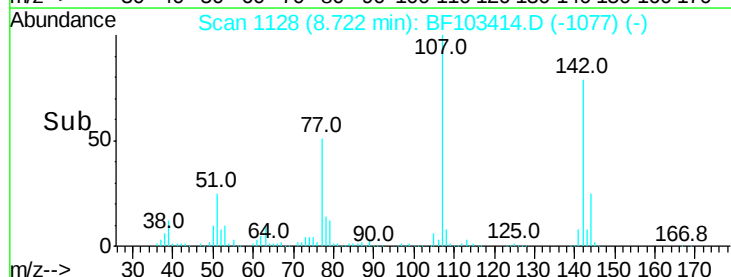
142 78.8 62.0 93.0

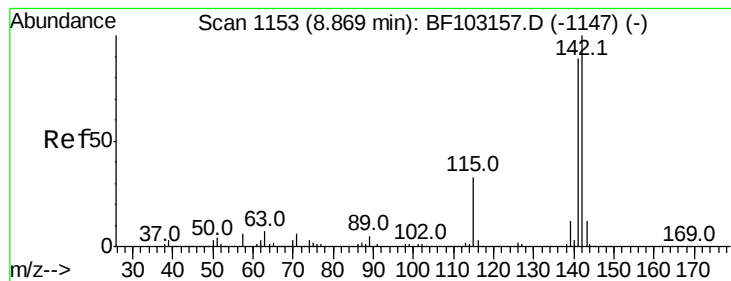


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.388 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

Instrument :

BNA_F

ClientSampleId :

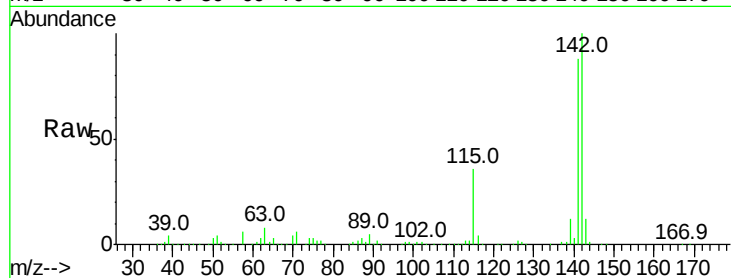
Tot Ion:142 Resp: 607397

Ion Ratio Lower Upper

142 100

141 88.4 70.8 106.2

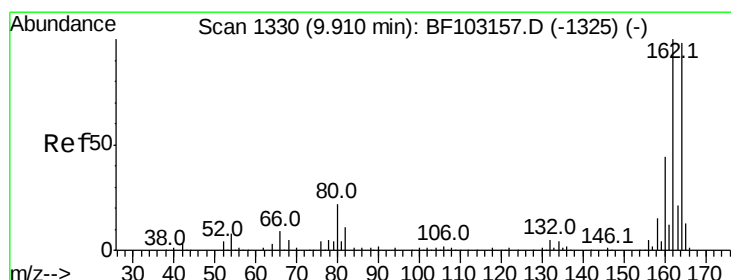
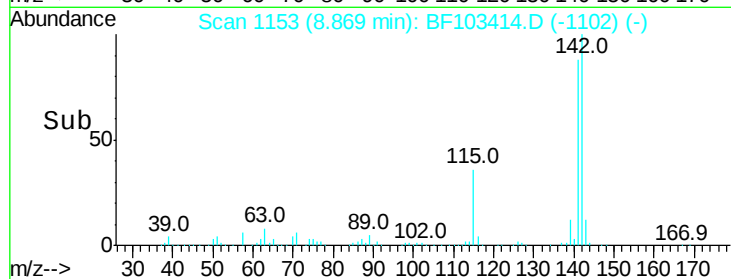
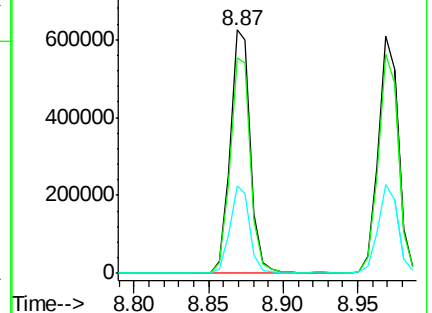
115 35.8 26.1 39.1



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: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

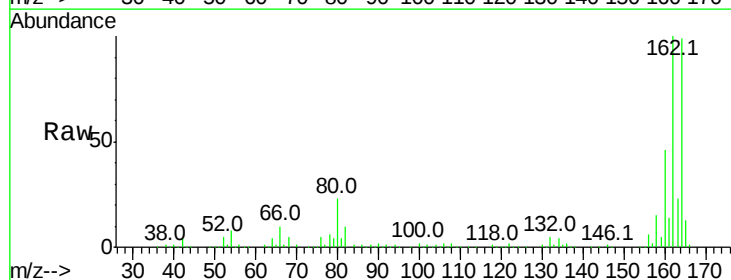
Tgt Ion:164 Resp: 234596

Ion Ratio Lower Upper

164 100

162 101.5 86.1 129.1

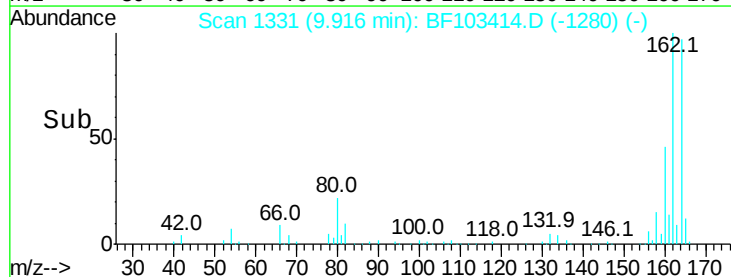
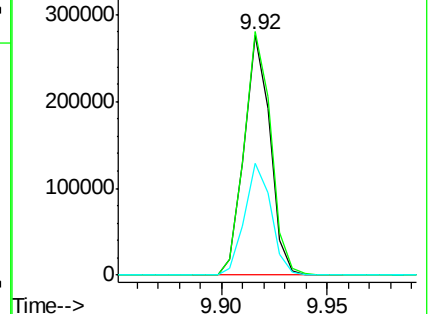
160 46.7 38.3 57.5

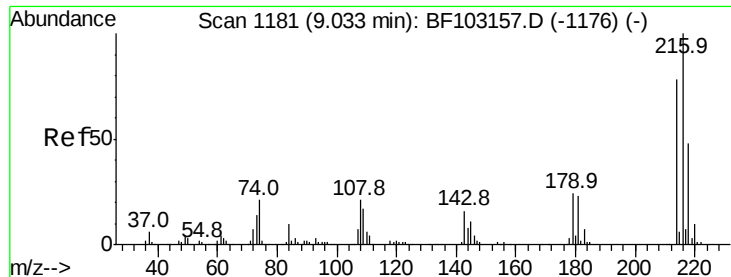


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

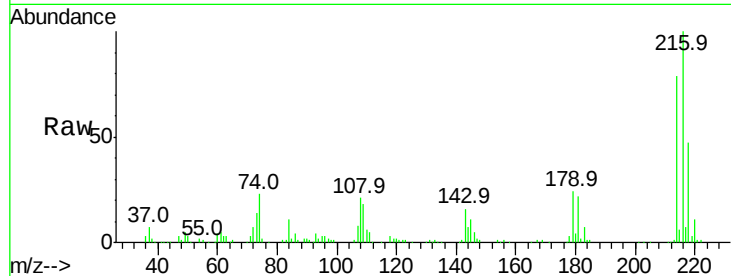




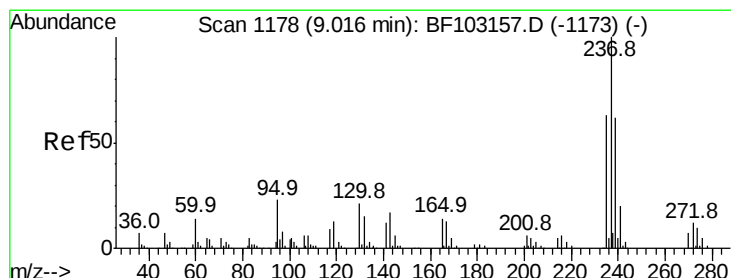
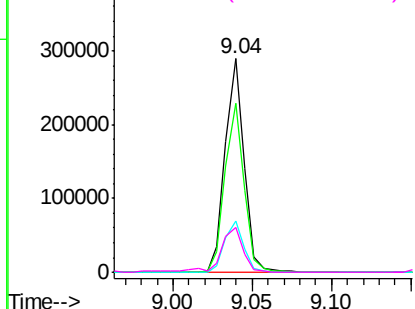
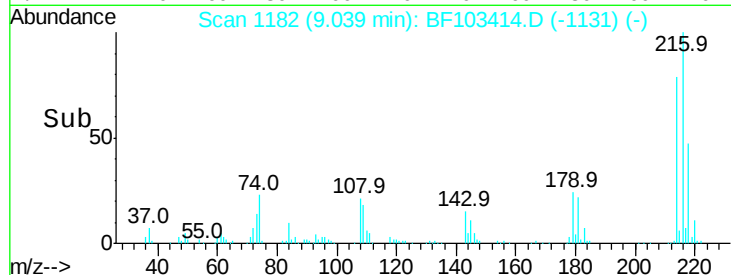
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.277 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF103414.D
 Acq: 5 Mar 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	239069
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	24.1	18.1	27.1
108	24.9	17.2	25.8

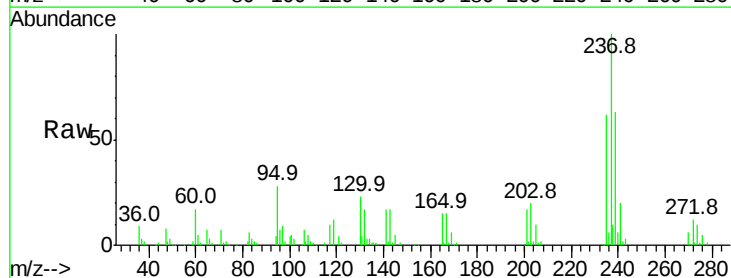


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

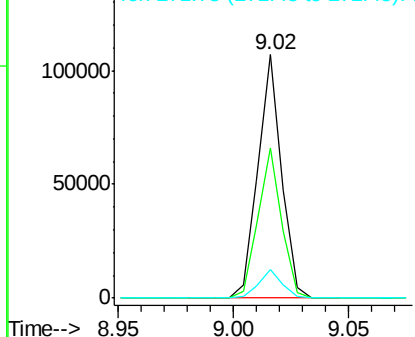
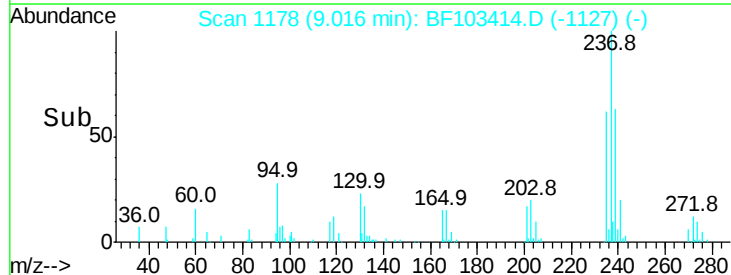


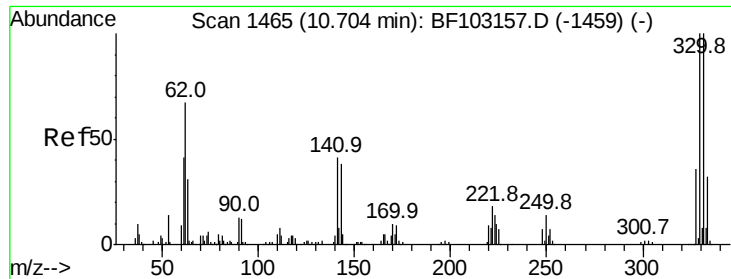
#40
 Hexachlorocyclopentadiene
 Concen: 39.096 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF103414.D
 Acq: 5 Mar 2018 17:45

Tgt Ion:	237	Resp:	76833
Ion	Ratio	Lower	Upper
237	100		
235	61.6	44.8	84.8
272	11.7	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

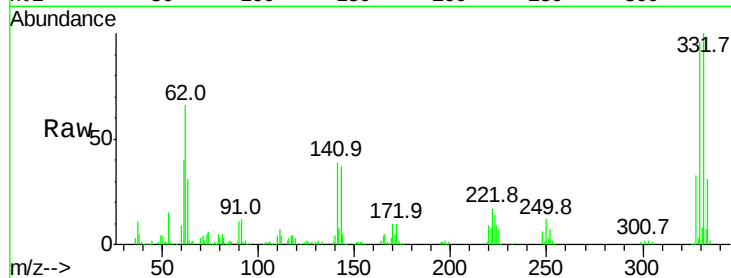




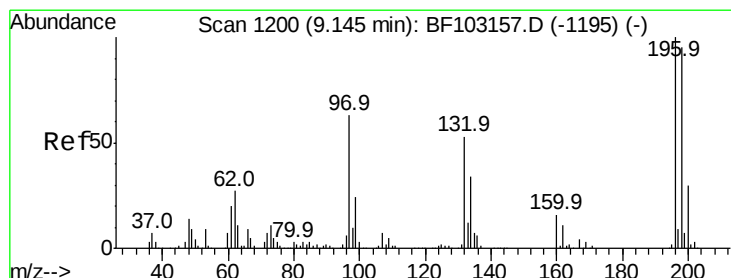
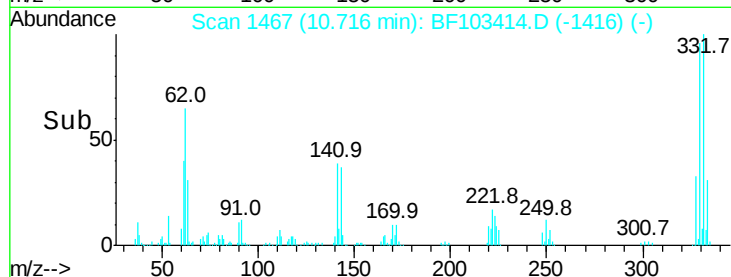
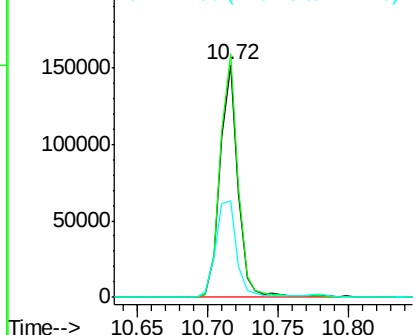
#41
 2,4,6-Tribromophenol
 Concen: 68.393 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF103414.D
 Acq: 5 Mar 2018 17:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 135809
 Ion Ratio Lower Upper
 330 100
 332 105.0 77.0 115.6
 141 48.3 29.9 44.9#

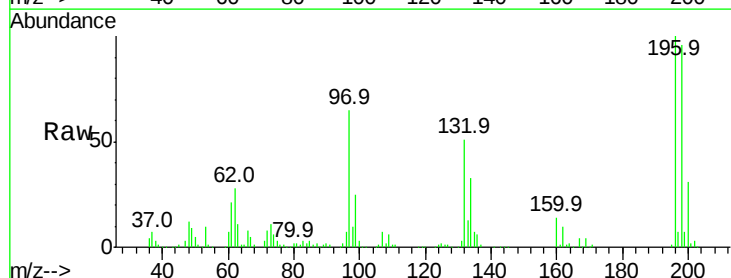


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

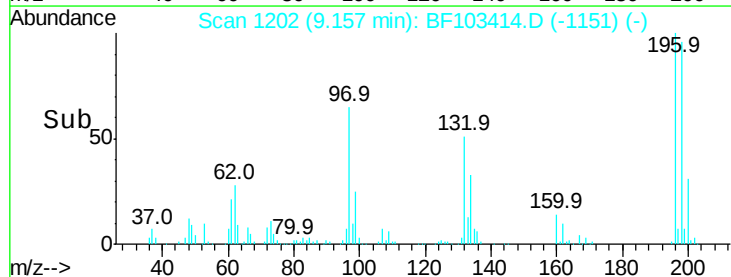
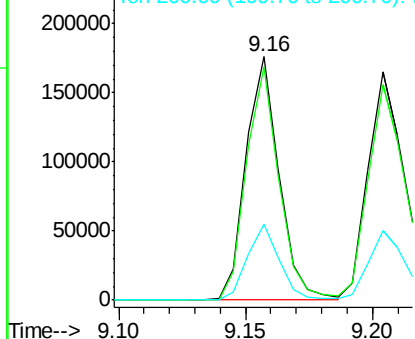


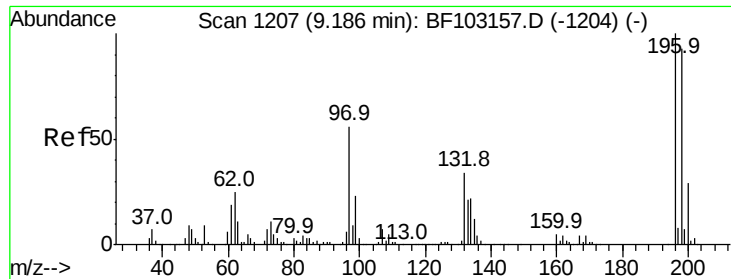
#42
 2,4,6-Trichlorophenol
 Concen: 37.319 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF103414.D
 Acq: 5 Mar 2018 17:45

Tgt Ion:196 Resp: 161046
 Ion Ratio Lower Upper
 196 100
 198 96.1 75.7 113.5
 200 31.4 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

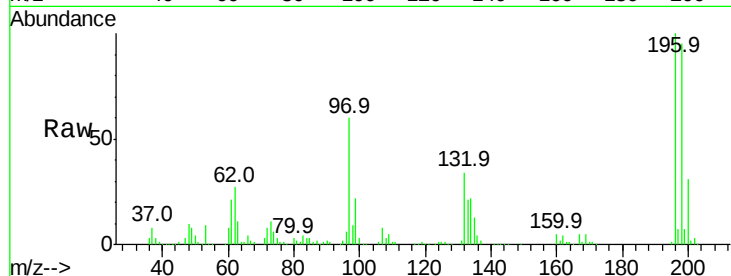




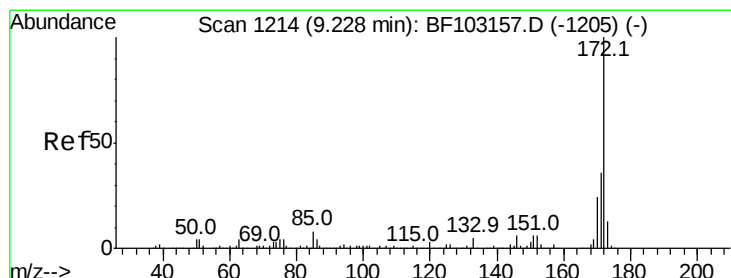
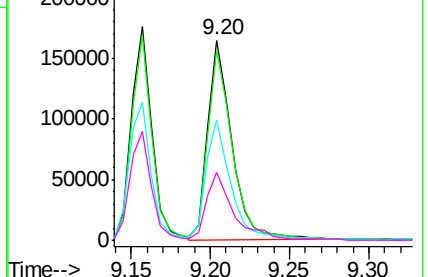
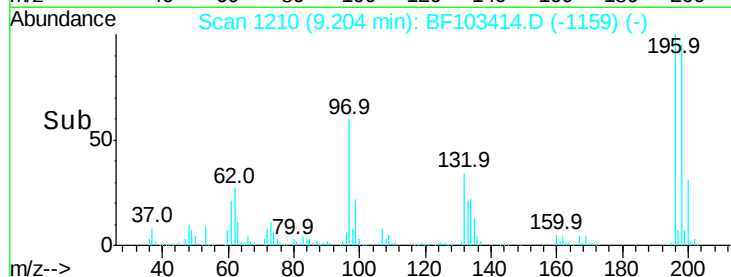
#43
 2,4,5-Trichlorophenol
 Concen: 35.489 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF103414.D
 Acq: 5 Mar 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 176143
 Ion Ratio Lower Upper
 196 100
 198 94.6 74.6 112.0
 97 60.2 42.9 64.3
 132 34.2 26.3 39.5

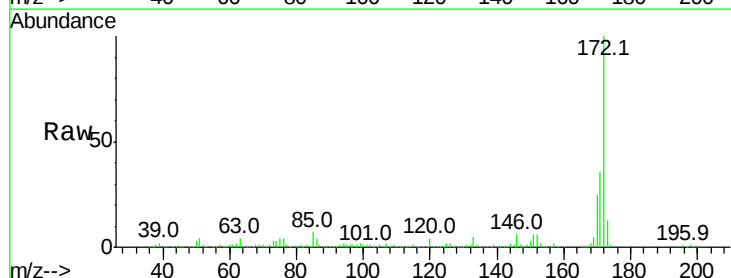


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

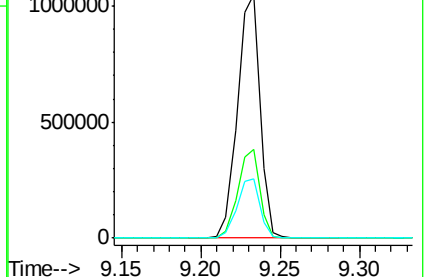
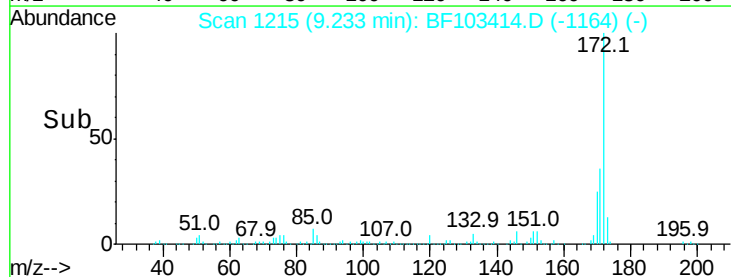


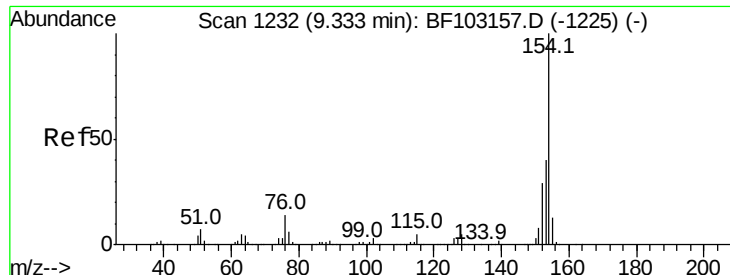
#44
 2-Fluorobiphenyl
 Concen: 73.309 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF103414.D
 Acq: 5 Mar 2018 17:45

Tgt Ion:172 Resp: 1031874
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.6 19.6 29.4



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

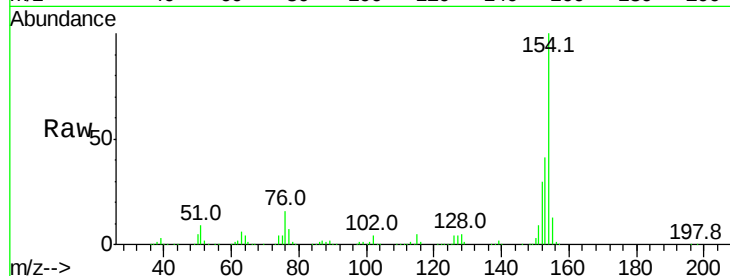




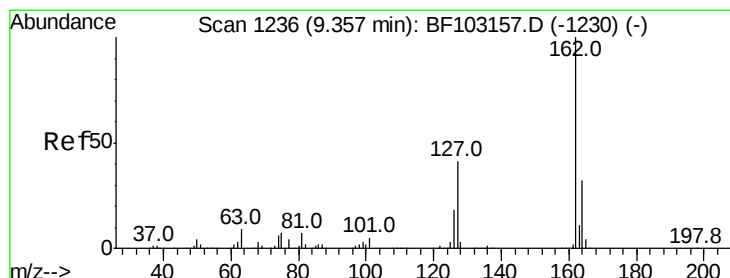
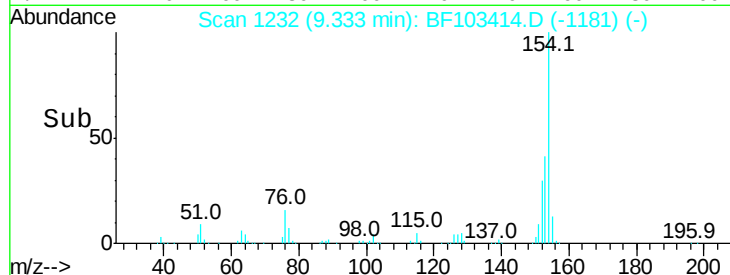
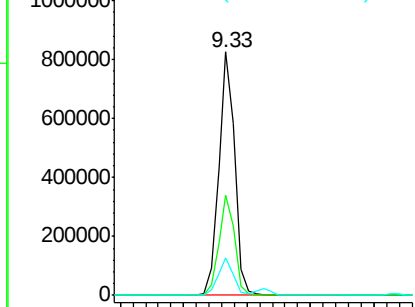
#45
 1,1'-Biphenyl
 Concen: 36.982 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF103414.D
 Acq: 5 Mar 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.3	61.3
76	15.6	0.0	34.0

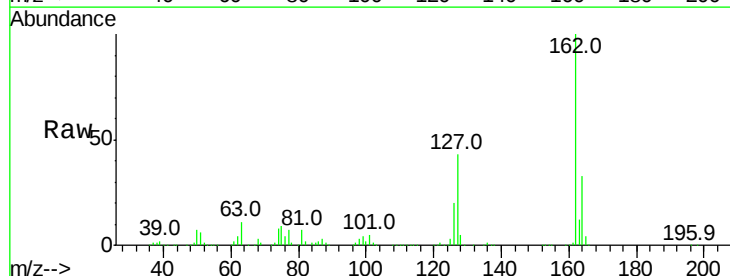


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

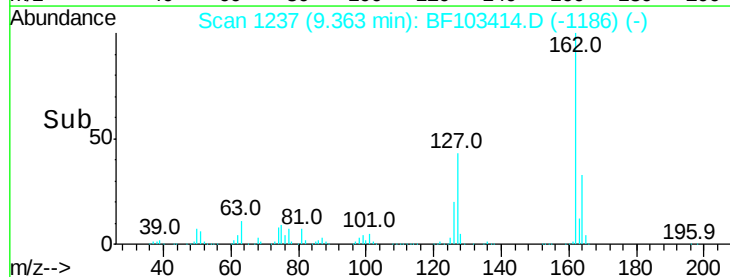
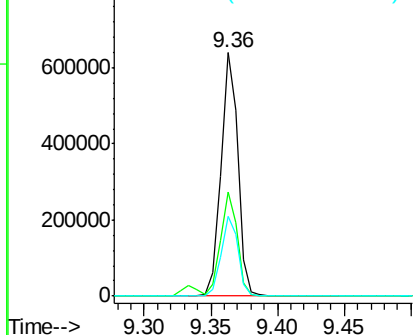


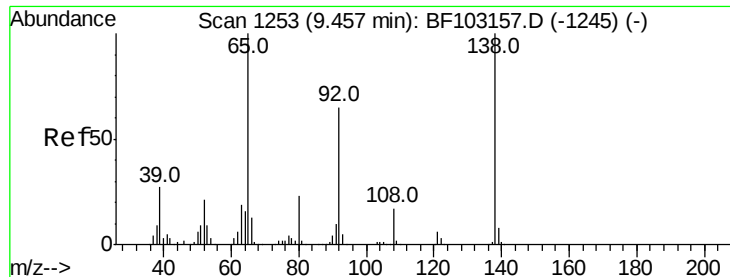
#46
 2-Chloronaphthalene
 Concen: 36.955 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF103414.D
 Acq: 5 Mar 2018 17:45

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.7	33.9	50.9
164	32.8	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: 40.954 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

Instrument :

BNA_F

ClientSampleId :

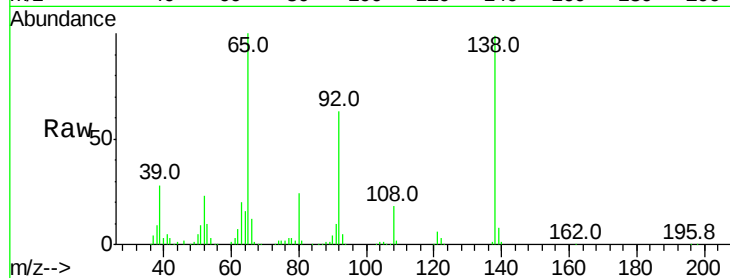
Tot Ion: 65 Resp: 235926

Ion Ratio Lower Upper

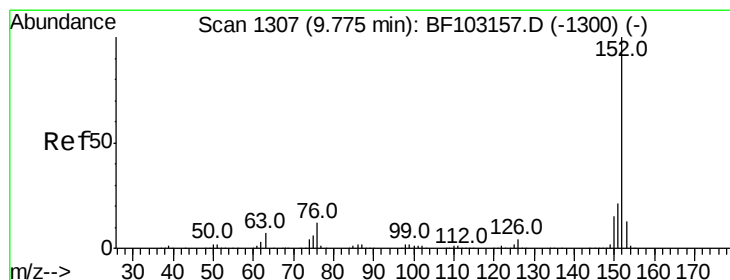
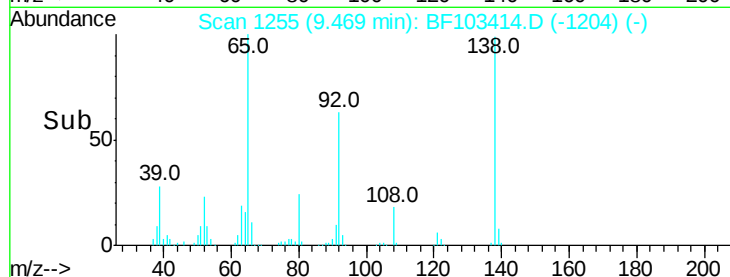
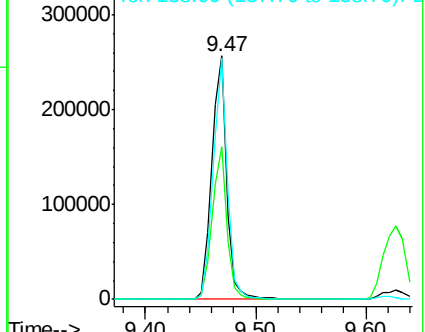
65 100

92 62.6 55.8 83.6

138 99.0 91.2 136.8



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



#48

Acenaphthylene

Concen: 37.120 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

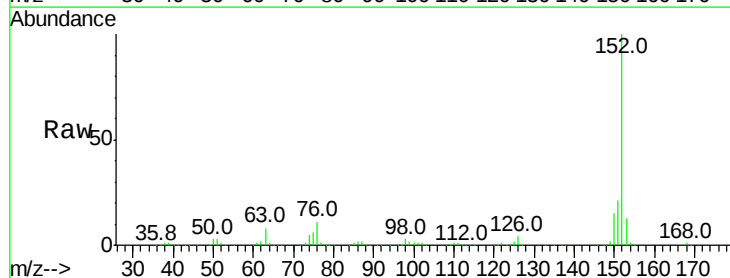
Tgt Ion: 152 Resp: 888217

Ion Ratio Lower Upper

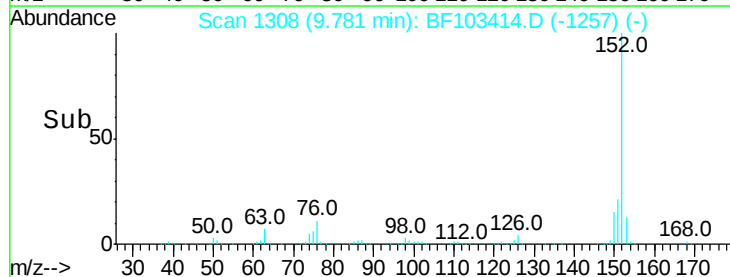
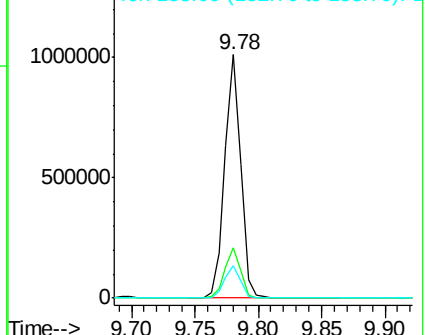
152 100

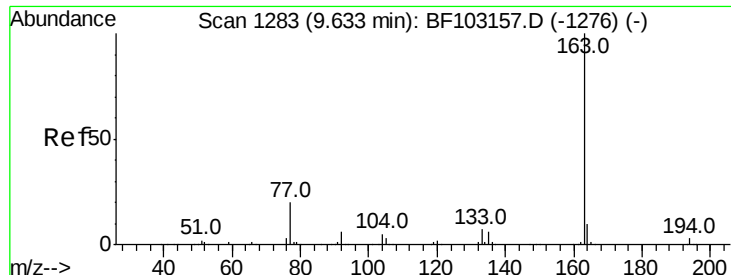
151 20.6 16.3 24.5

153 13.1 10.7 16.1



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

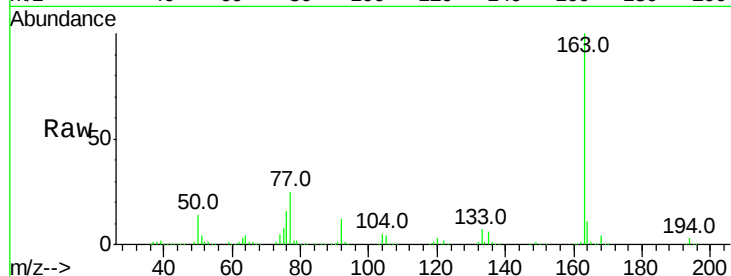




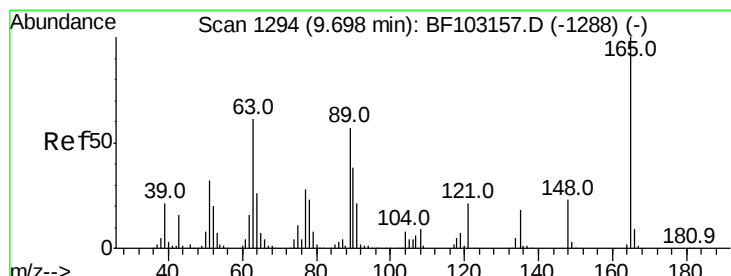
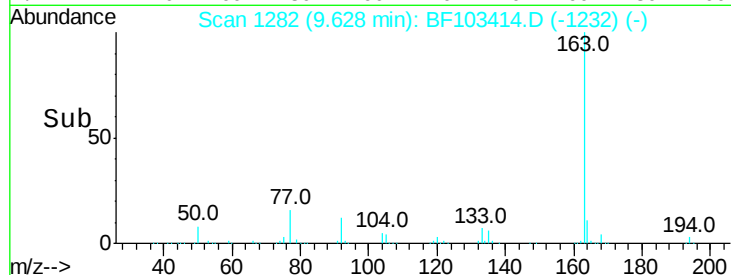
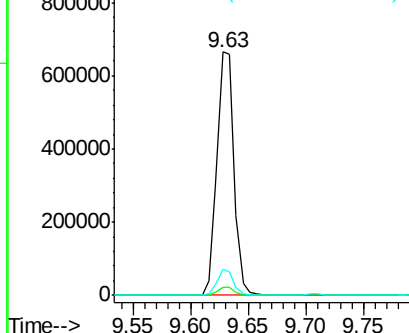
#49
Dimethylphthalate
Concen: 36.190 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103414.D
Acq: 5 Mar 2018 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 681085
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.6 8.2 12.2

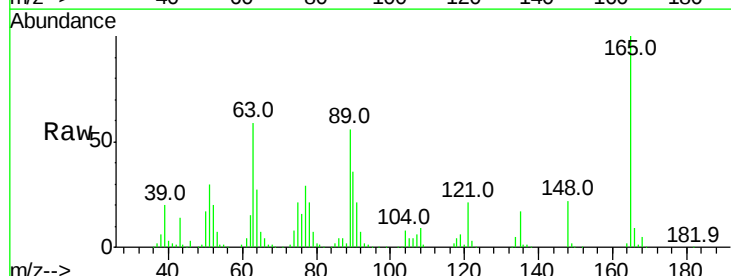


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

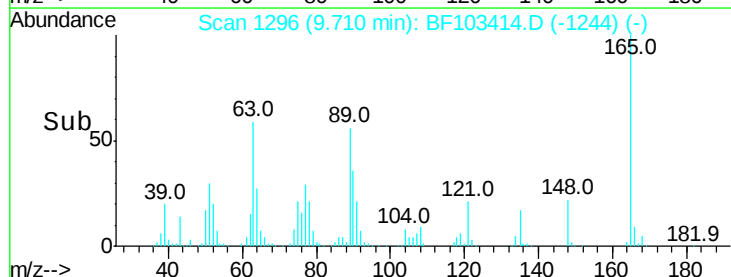
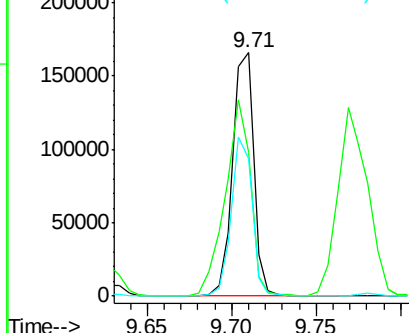


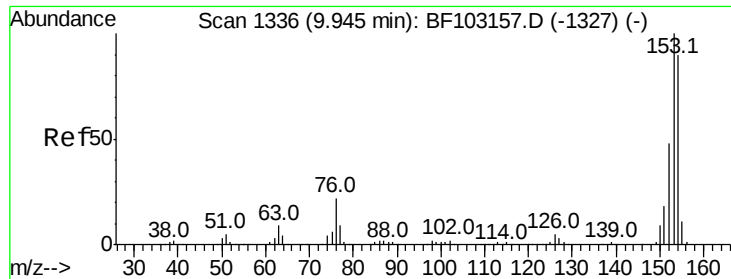
#50
2,6-Dinitrotoluene
Concen: 36.521 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF103414.D
Acq: 5 Mar 2018 17:45

Tgt Ion:165 Resp: 144235
Ion Ratio Lower Upper
165 100
63 59.1 44.7 67.1
89 56.3 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: 36.827 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

Instrument :

BNA_F

ClientSampleId :

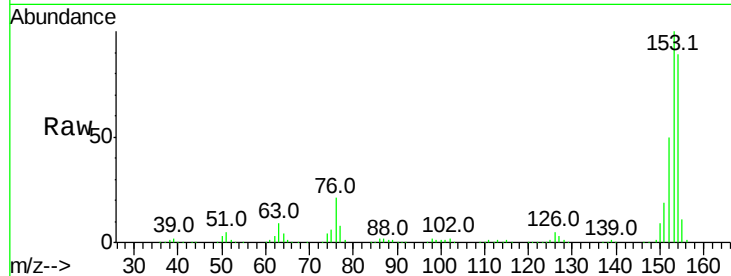
Tot Ion:154 Resp: 513852

Ion Ratio Lower Upper

154 100

153 112.5 91.2 136.8

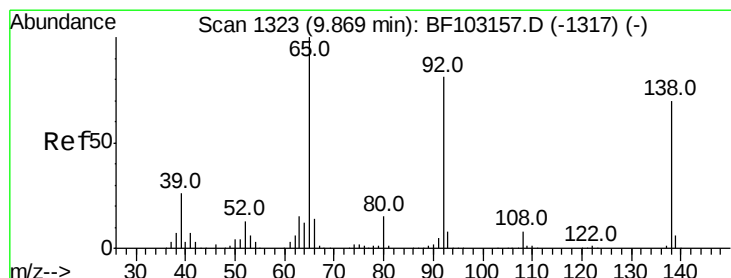
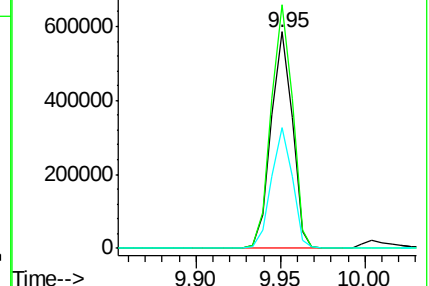
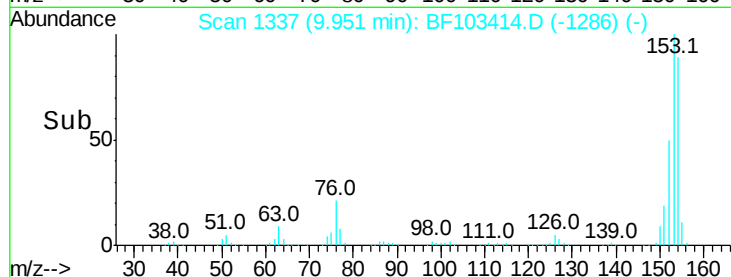
152 56.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.734 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

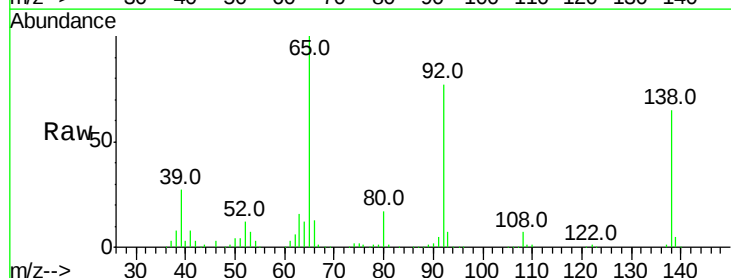
Tgt Ion:138 Resp: 194083

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

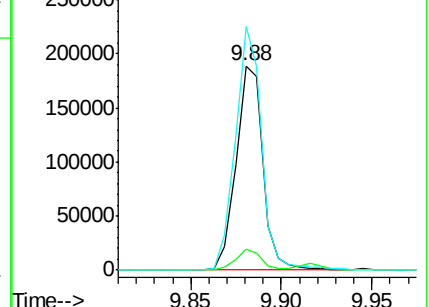
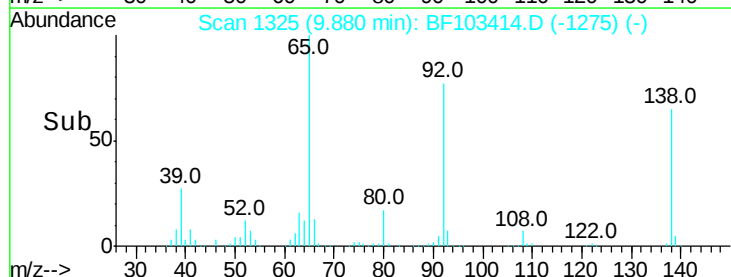
92 119.3 89.4 134.2

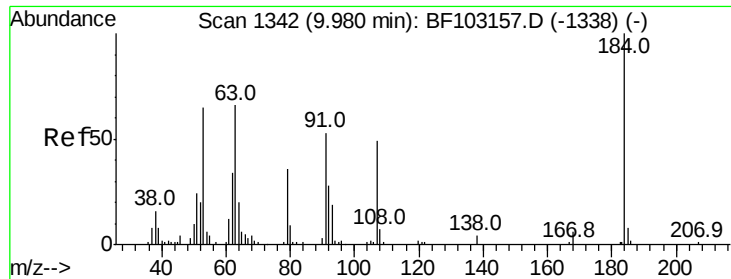


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

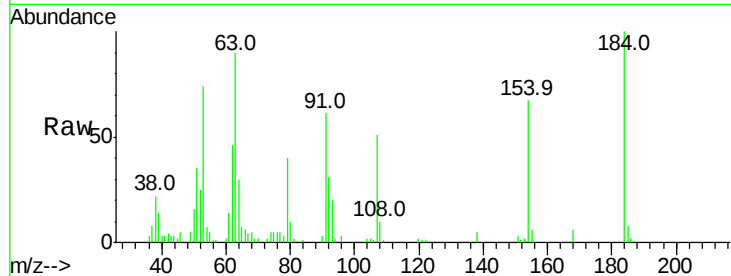




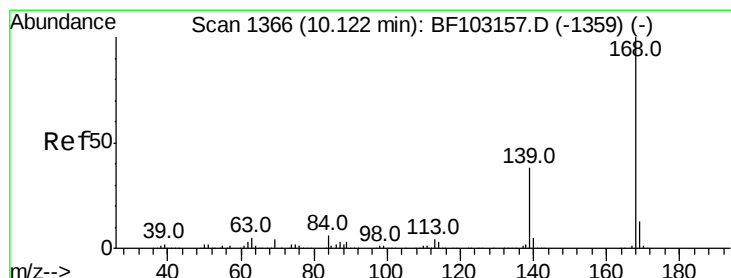
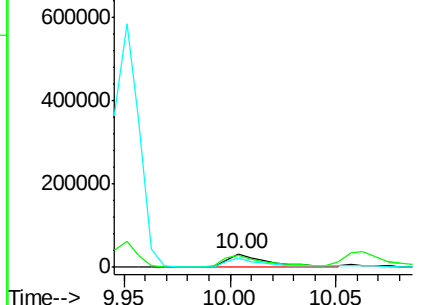
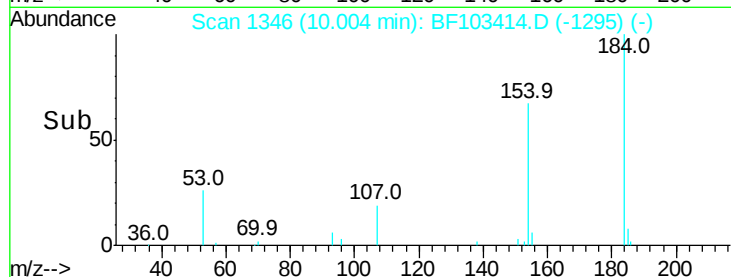
#53
2,4-Dinitrophenol
Concen: 38.005 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF103414.D
Acq: 5 Mar 2018 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 46027
Ion Ratio Lower Upper
184 100
63 89.5 54.2 81.2#
154 66.8 184.0 276.0#

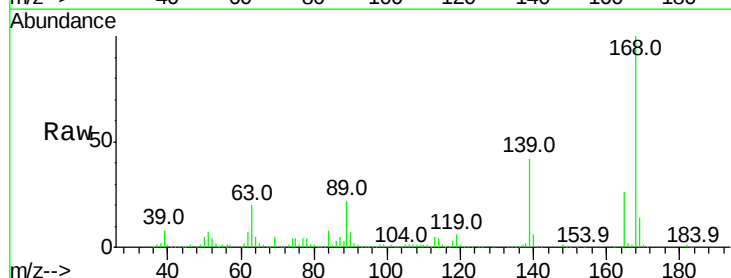


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

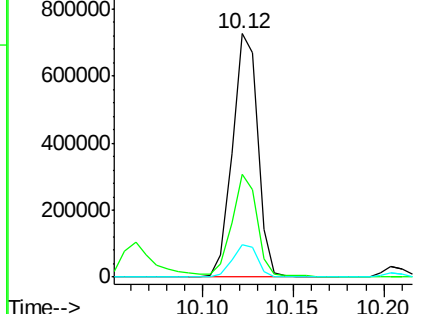
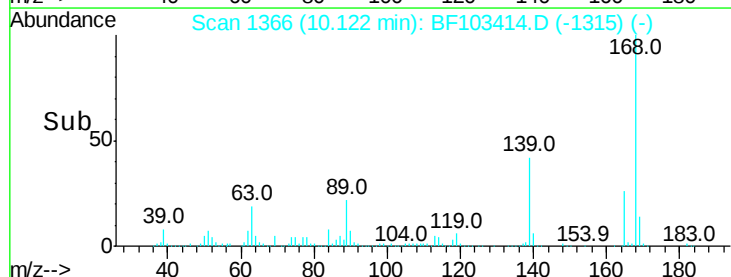


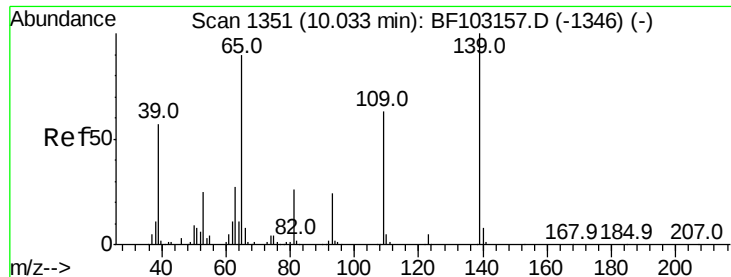
#54
Dibenzofuran
Concen: 36.949 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF103414.D
Acq: 5 Mar 2018 17:45

Tgt Ion:168 Resp: 707725
Ion Ratio Lower Upper
168 100
139 42.4 30.1 45.1
169 13.5 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

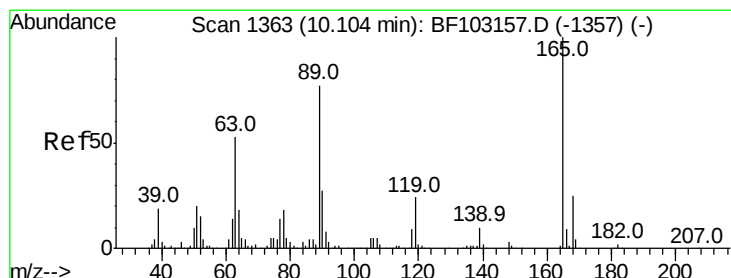
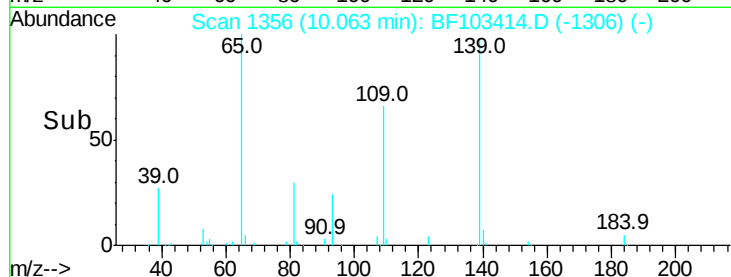
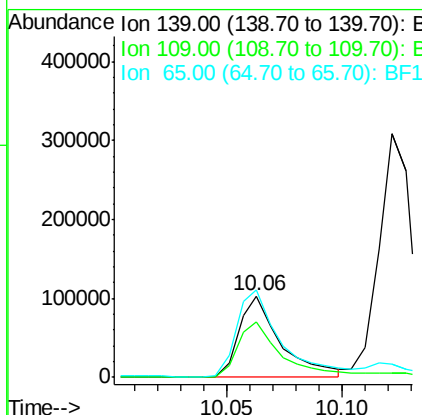
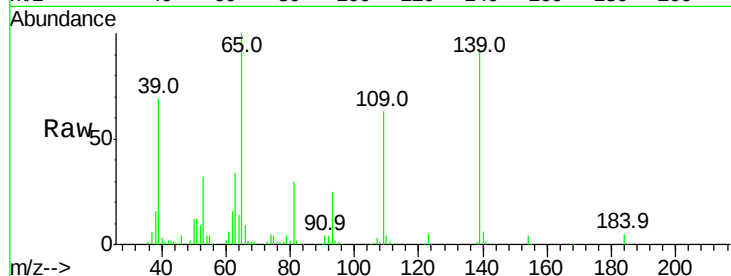




#55
4-Nitrophenol
Concen: 41.721 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF103414.D
Acq: 5 Mar 2018 17:45

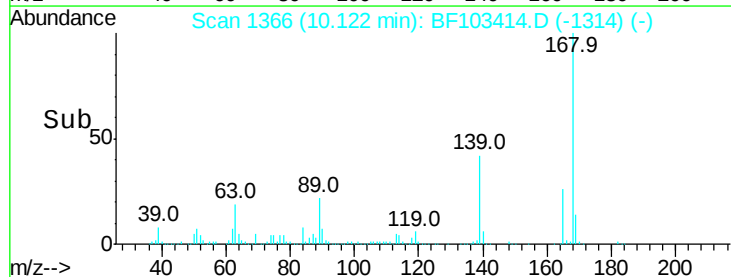
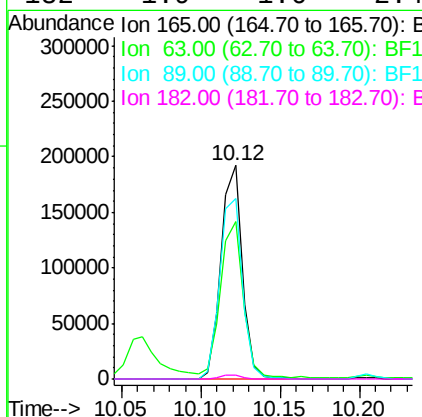
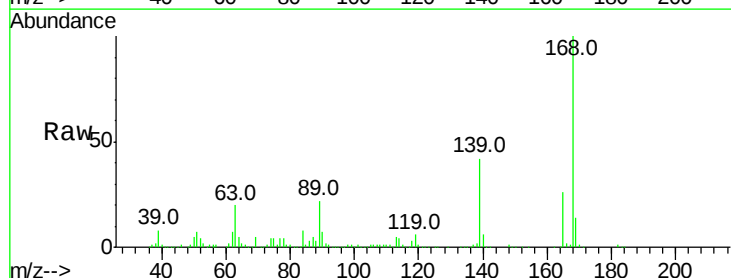
Instrument :
BNA_F
ClientSampleId :

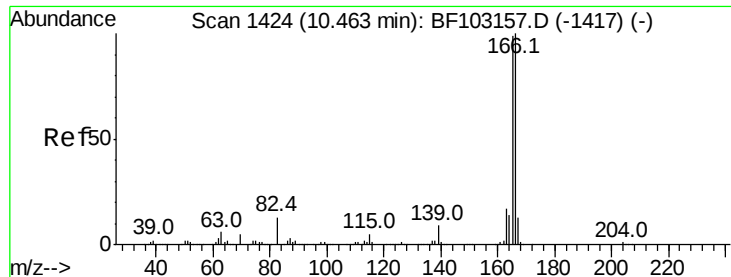
Tot Ion:139 Resp: 129562
Ion Ratio Lower Upper
139 100
109 67.9 48.4 88.4
65 107.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 35.821 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF103414.D
Acq: 5 Mar 2018 17:45

Tgt Ion:165 Resp: 178920
Ion Ratio Lower Upper
165 100
63 73.8 36.4 54.6#
89 84.8 57.8 86.6
182 1.9 1.6 2.4

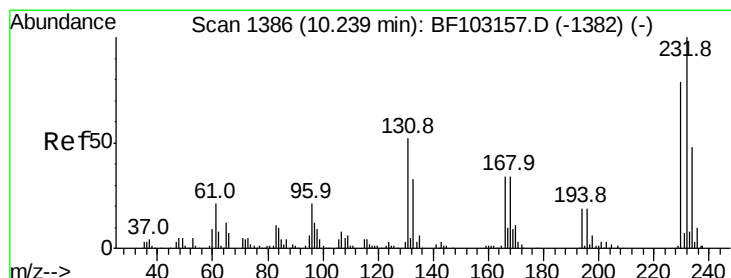
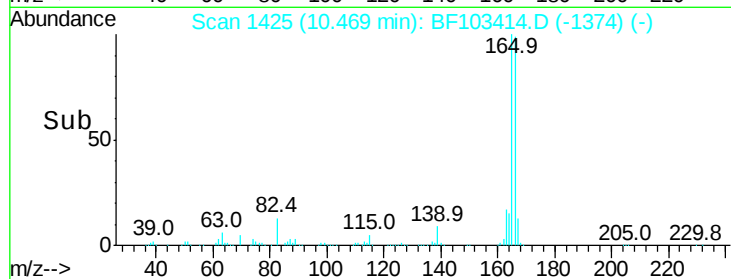
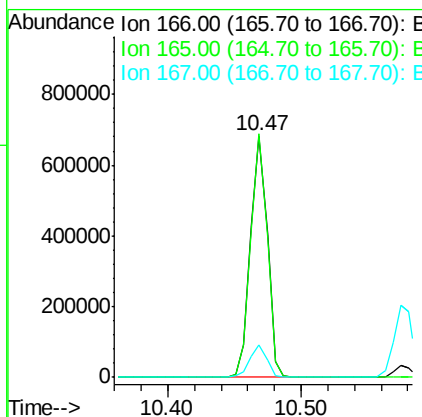
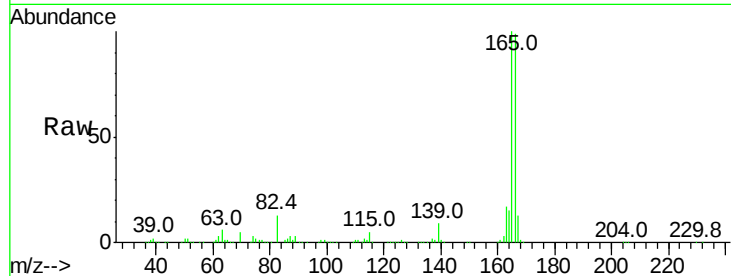




#57
 Fluorene
 Concen: 36.035 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF103414.D
 Acq: 5 Mar 2018 17:45

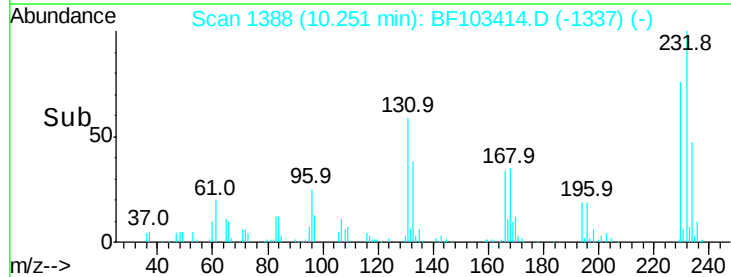
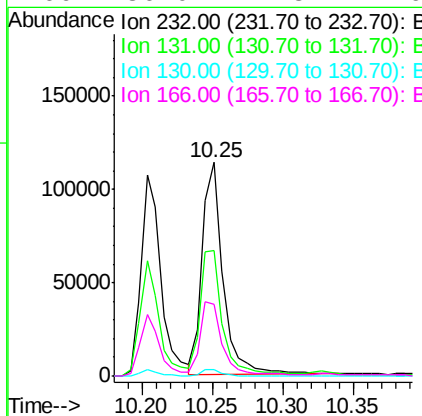
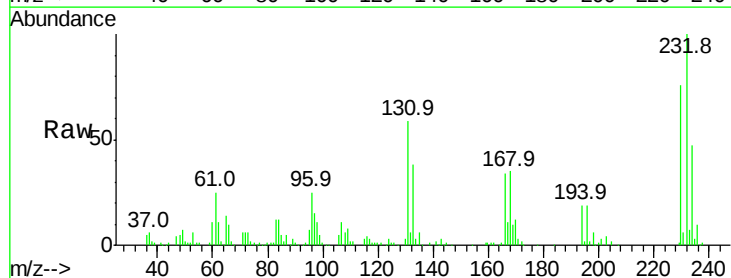
Instrument :
 BNA_F
 ClientSampleId :

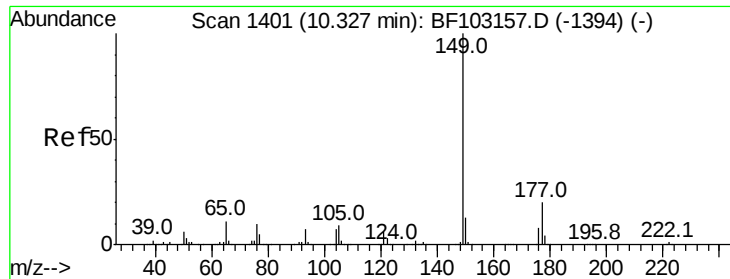
Tot Ion:166 Resp: 587967
 Ion Ratio Lower Upper
 166 100
 165 100.9 79.8 119.8
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.588 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: BF103414.D
 Acq: 5 Mar 2018 17:45

Tgt Ion:232 Resp: 118658
 Ion Ratio Lower Upper
 232 100
 131 62.6 43.8 65.8
 130 2.9 2.1 3.1
 166 36.0 27.8 41.6

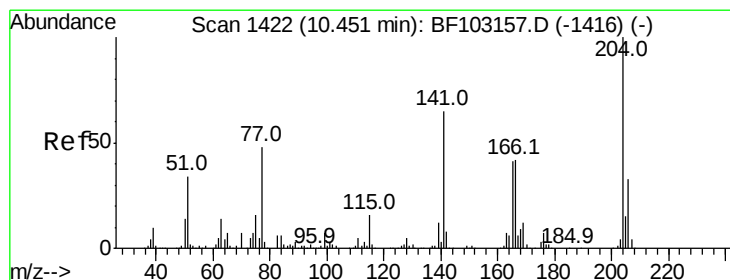
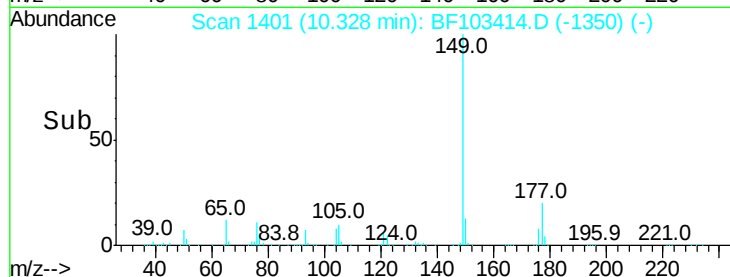
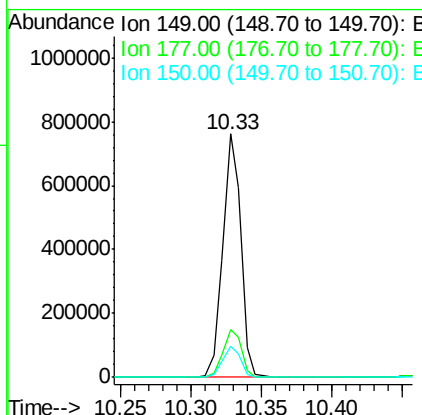
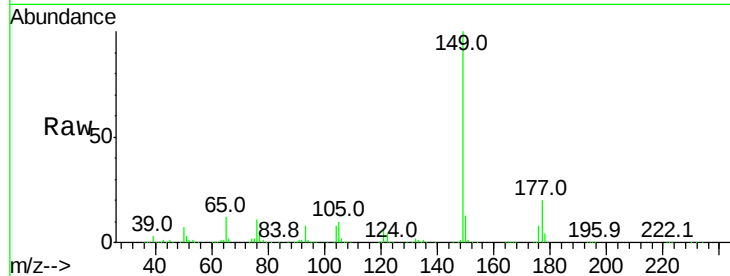




#59
Diethylphthalate
Concen: 37.315 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF103414.D
Acq: 5 Mar 2018 17:45

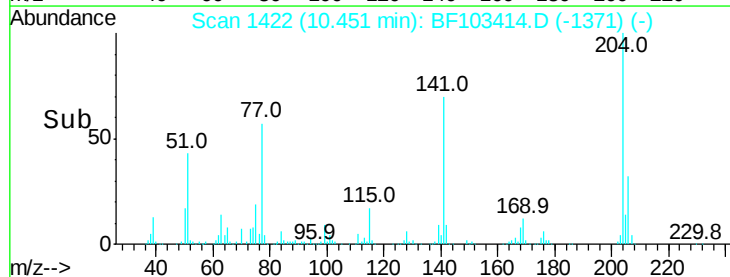
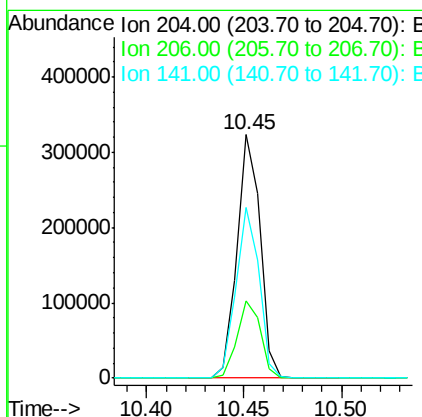
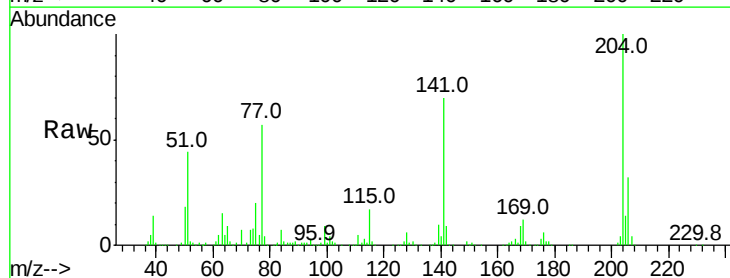
Instrument :
BNA_F
ClientSampled :

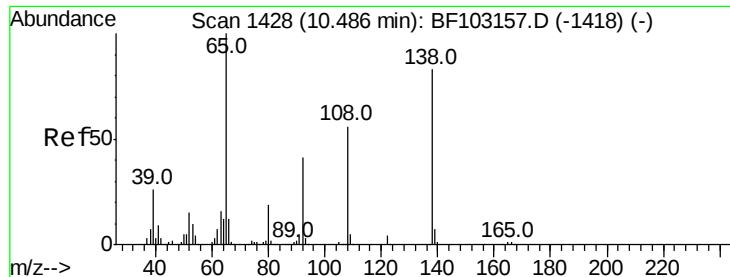
Tot Ion:149 Resp: 671642
Ion Ratio Lower Upper
149 100
177 19.8 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 38.436 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF103414.D
Acq: 5 Mar 2018 17:45

Tgt Ion:204 Resp: 265947
Ion Ratio Lower Upper
204 100
206 31.6 26.5 39.7
141 70.3 54.6 81.8

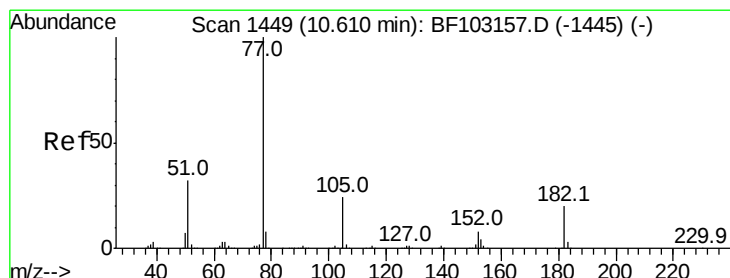
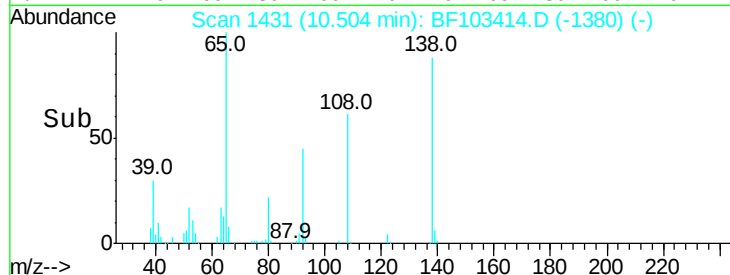
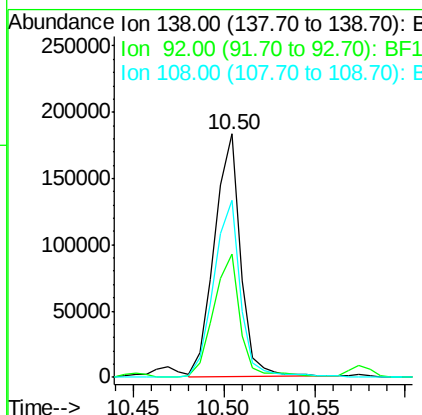
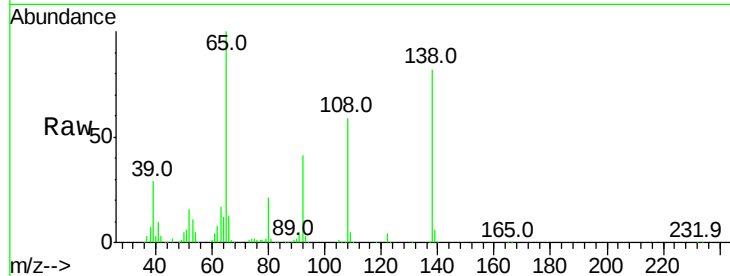




#61
4-Nitroaniline
Concen: 36.641 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF103414.D
Acq: 5 Mar 2018 17:45

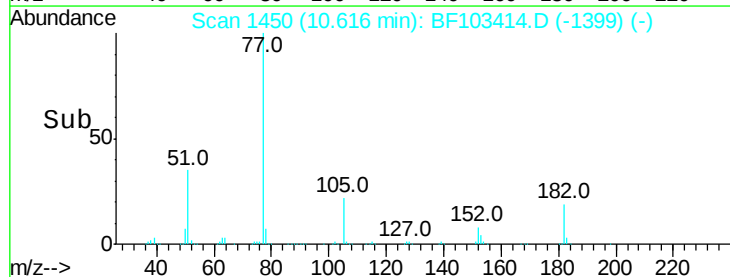
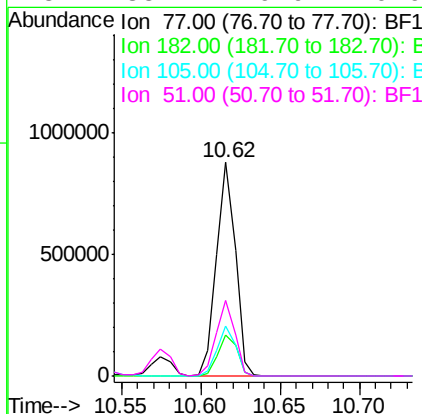
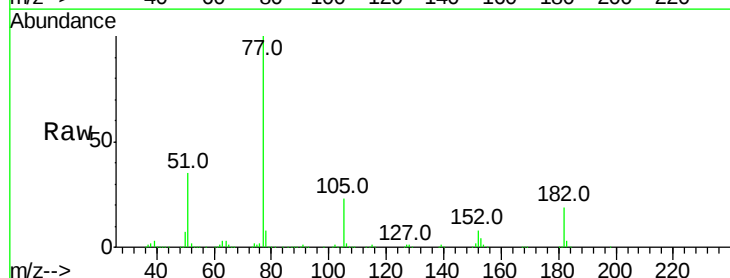
Instrument :
BNA_F
ClientSampled :

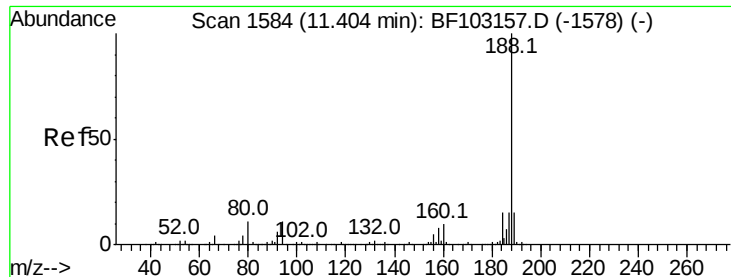
Tot Ion:138 Resp: 183379
Ion Ratio Lower Upper
138 100
92 50.5 30.2 70.2
108 72.7 52.5 92.5



#62
Azobenzene
Concen: 39.863 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF103414.D
Acq: 5 Mar 2018 17:45

Tgt Ion: 77 Resp: 730344
Ion Ratio Lower Upper
77 100
182 19.2 1.7 41.7
105 23.1 3.0 43.0
51 35.2 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

Instrument :

BNA_F

ClientSampled :

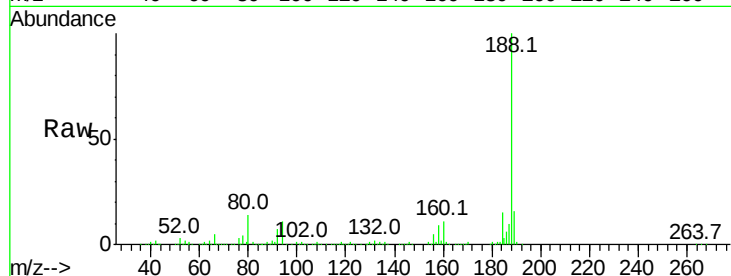
Tot Ion:188 Resp: 408717

Ion Ratio Lower Upper

188 100

94 11.4 8.5 12.7

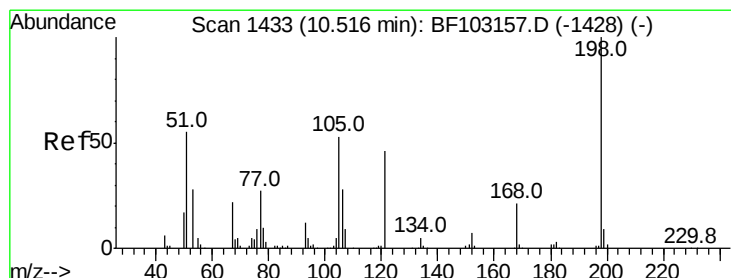
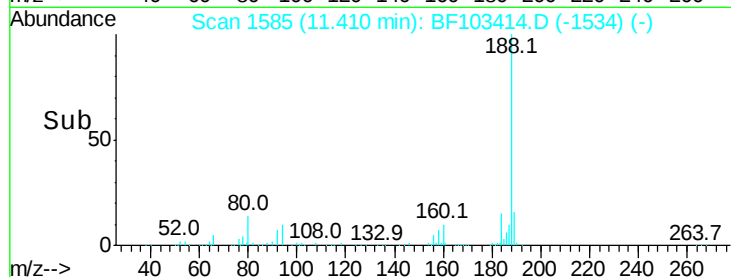
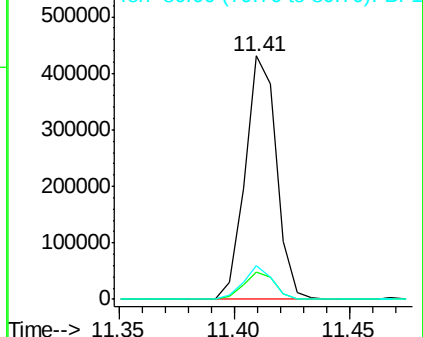
80 13.9 9.2 13.8#



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: 33.058 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

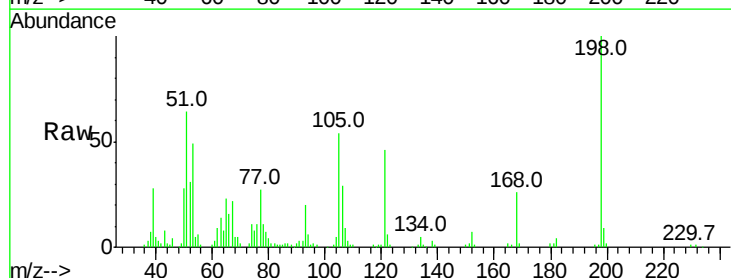
Tgt Ion:198 Resp: 77943

Ion Ratio Lower Upper

198 100

51 64.1 37.7 77.7

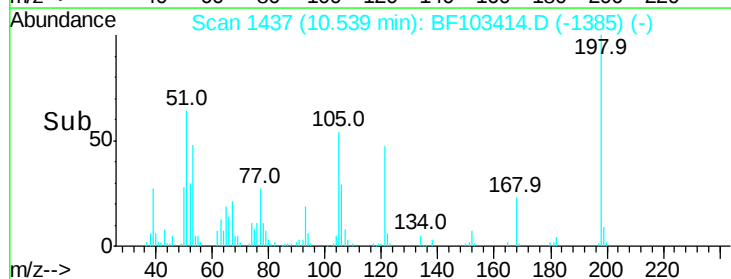
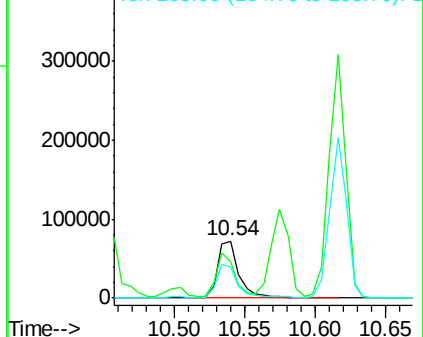
105 54.1 36.3 76.3

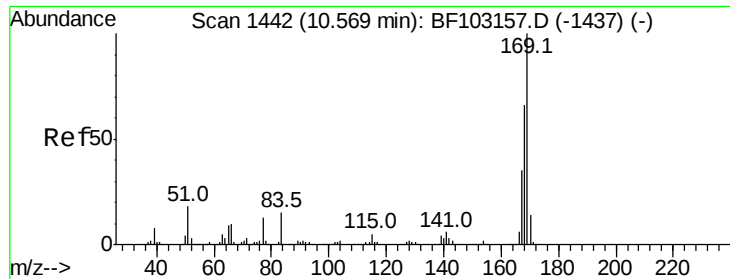


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.415 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

Instrument :

BNA_F

ClientSampleId :

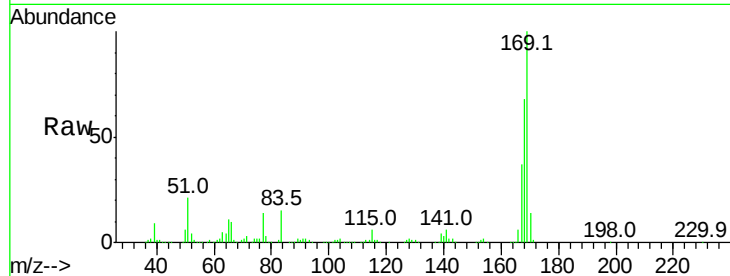
Tot Ion:169 Resp: 518224

Ion Ratio Lower Upper

169 100

168 68.0 54.4 81.6

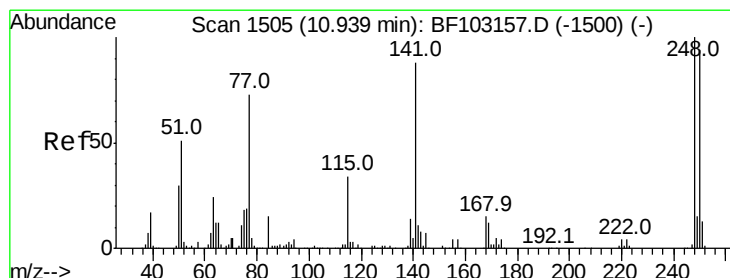
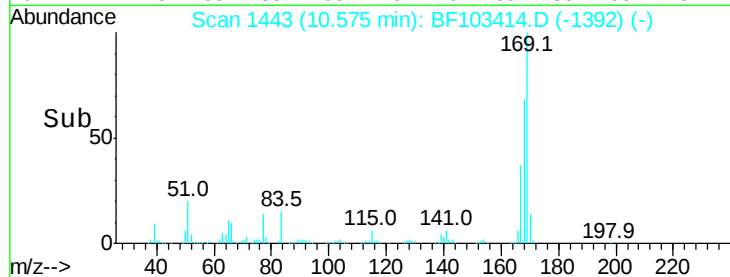
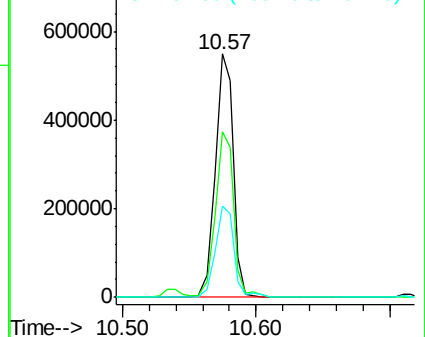
167 37.4 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.040 ng

RT: 10.95 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

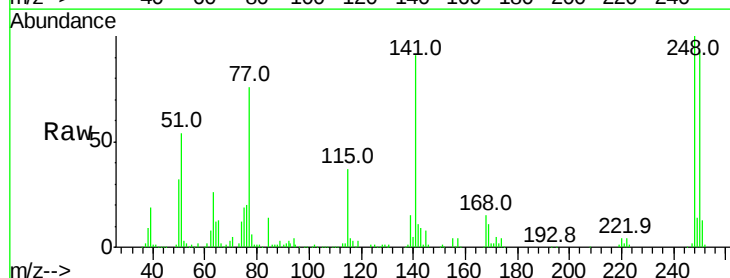
Tgt Ion:248 Resp: 153445

Ion Ratio Lower Upper

248 100

250 93.4 76.9 115.3

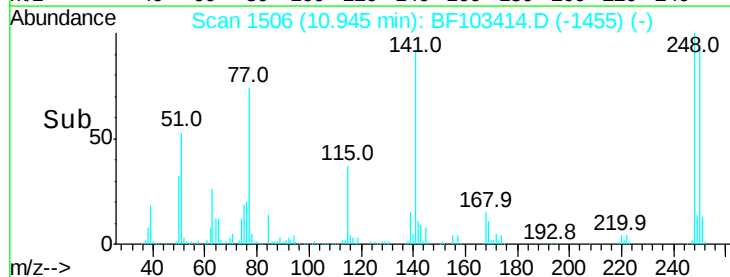
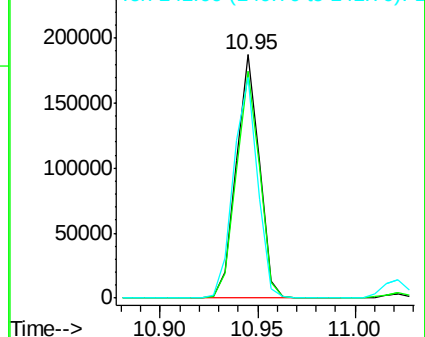
141 90.6 74.4 111.6

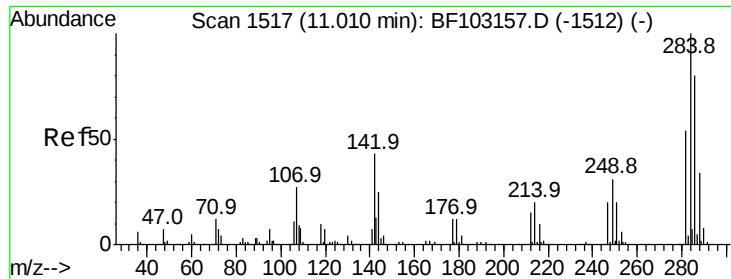


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

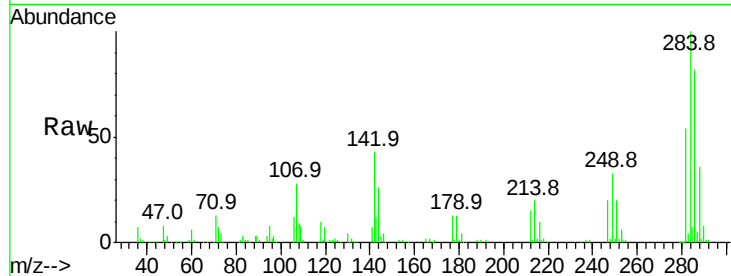




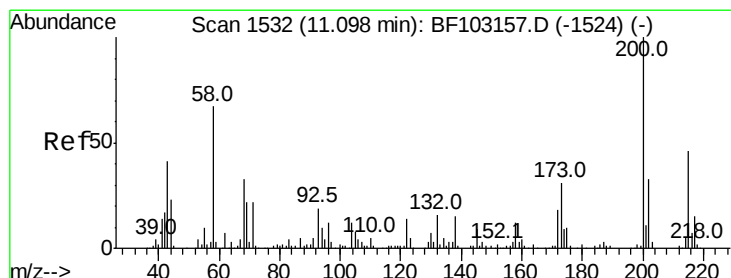
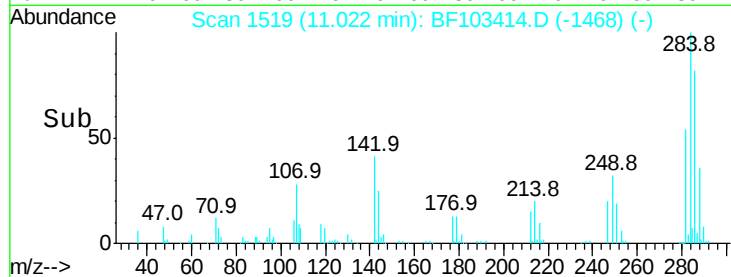
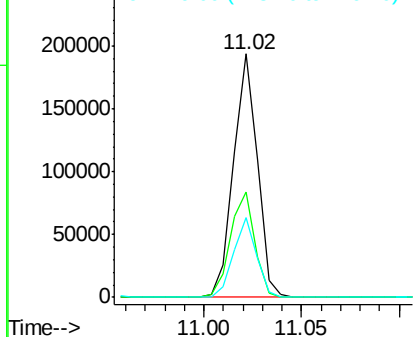
#67
Hexachlorobenzene
Concen: 35.465 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF103414.D
Acq: 5 Mar 2018 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 163889
Ion Ratio Lower Upper
284 100
142 43.4 34.6 52.0
249 32.8 24.8 37.2

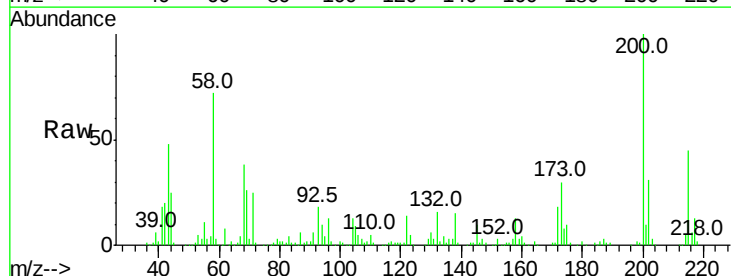


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

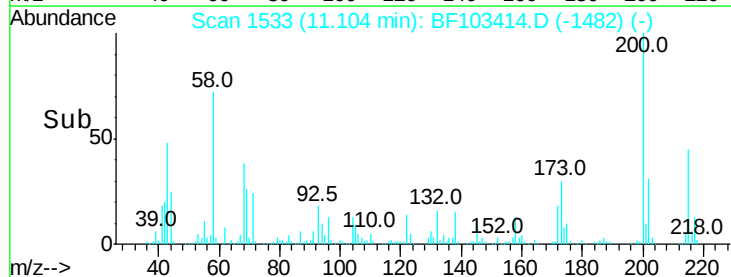
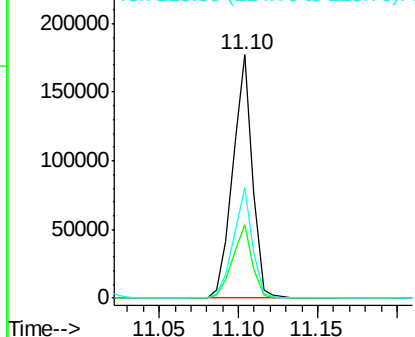


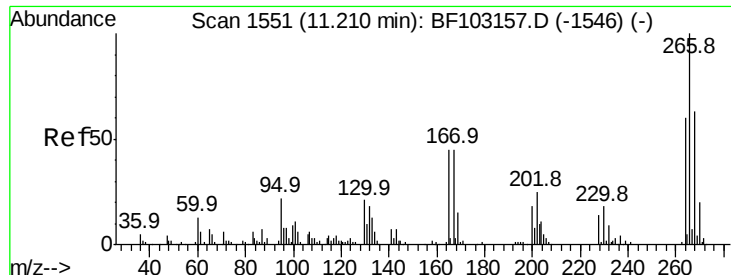
#68
Atrazine
Concen: 35.484 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF103414.D
Acq: 5 Mar 2018 17:45

Tgt Ion:200 Resp: 151779
Ion Ratio Lower Upper
200 100
173 30.4 8.6 48.6
215 45.2 25.1 65.1



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

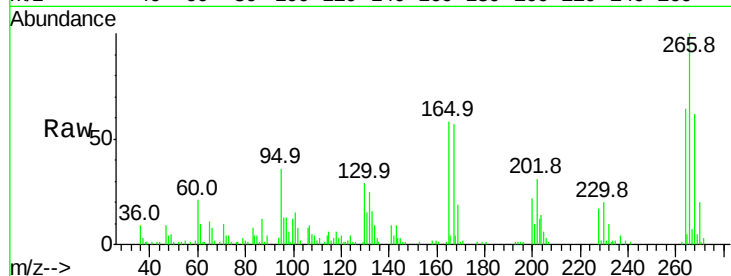




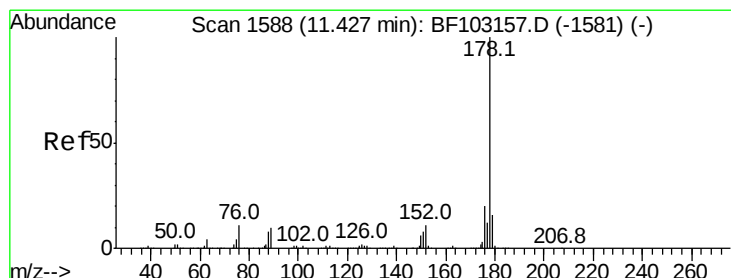
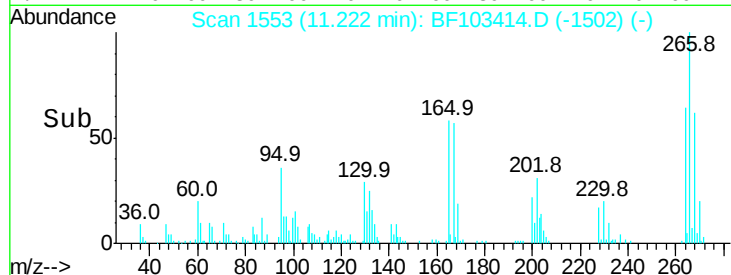
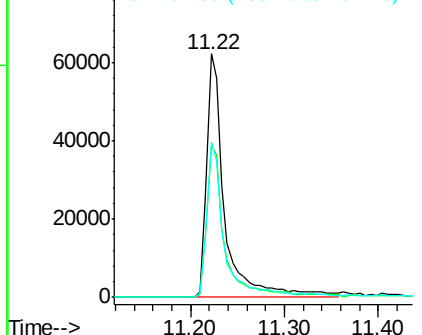
#69
 Pentachlorophenol
 Concen: 37.786 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. 0.00 min
 Lab File: BF103414.D
 Acq: 5 Mar 2018 17:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 84430
 Ion Ratio Lower Upper
 266 100
 268 62.3 51.1 76.7
 264 64.0 49.5 74.3

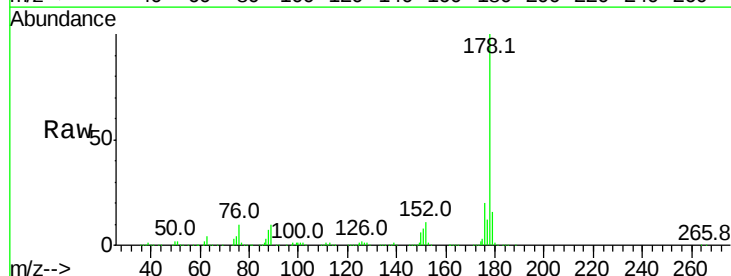


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

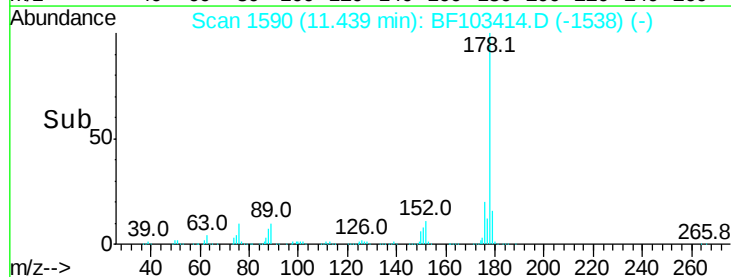
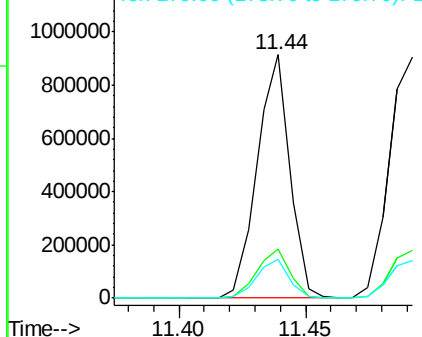


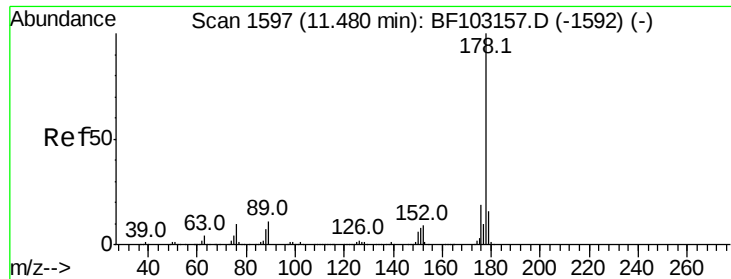
#70
 Phenanthrene
 Concen: 36.355 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF103414.D
 Acq: 5 Mar 2018 17:45

Tgt Ion:178 Resp: 817735
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.7 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

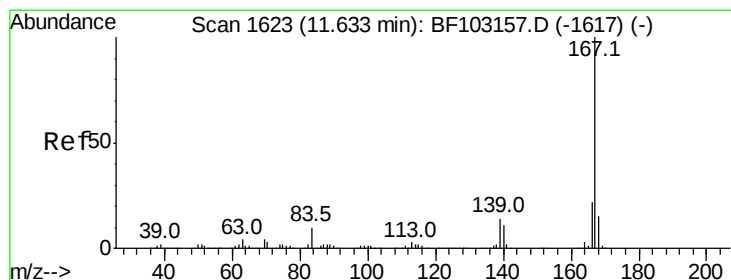
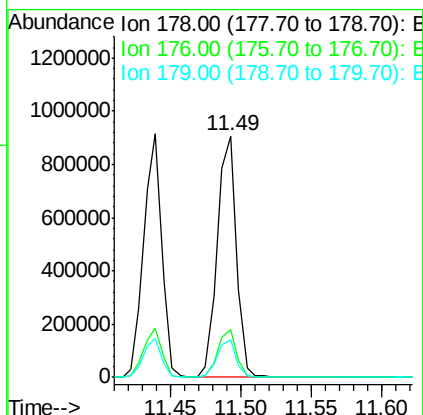
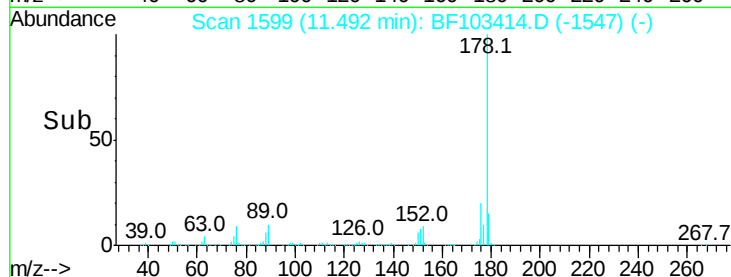
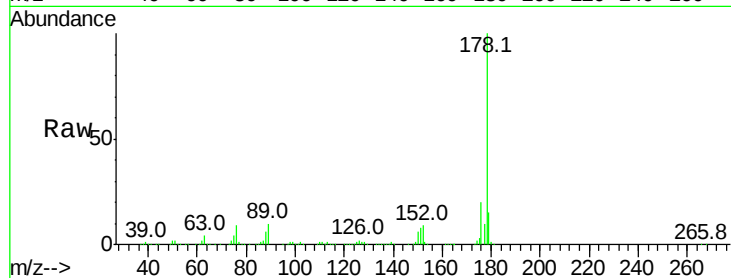




#71
 Anthracene
 Concen: 37.013 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF103414.D
 Acq: 5 Mar 2018 17:45

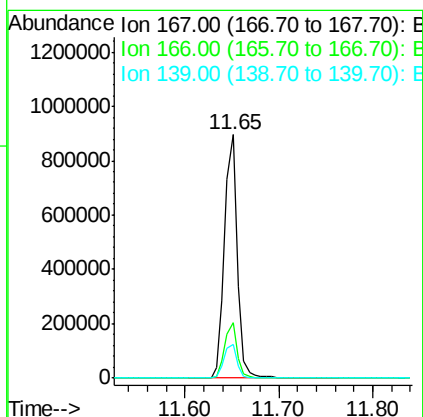
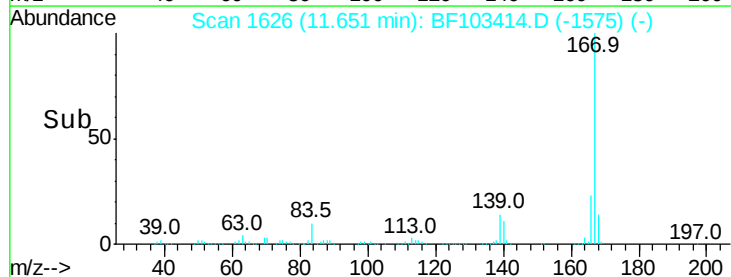
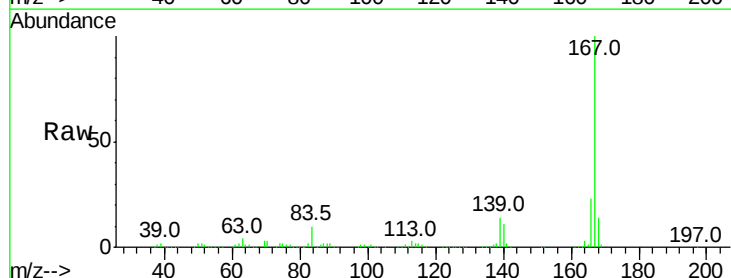
Instrument :
 BNA_F
 ClientSampleId :

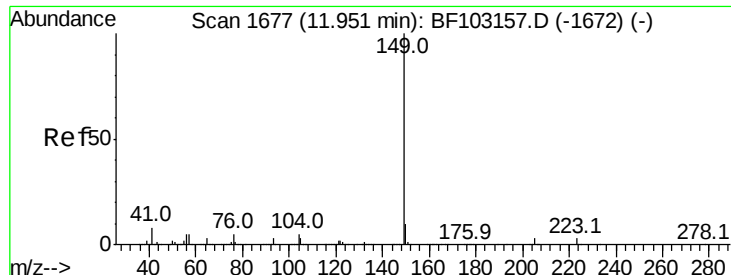
Tot Ion:178 Resp: 853717
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 37.332 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BF103414.D
 Acq: 5 Mar 2018 17:45

Tgt Ion:167 Resp: 857471
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 14.0 10.9 16.3

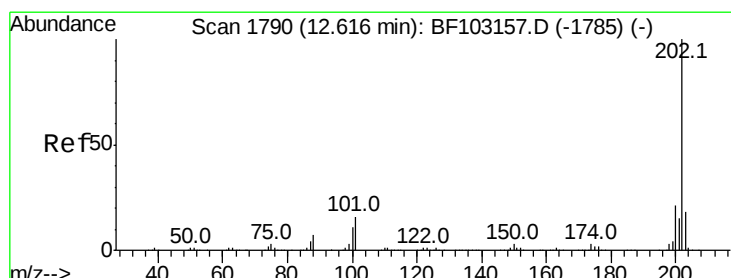
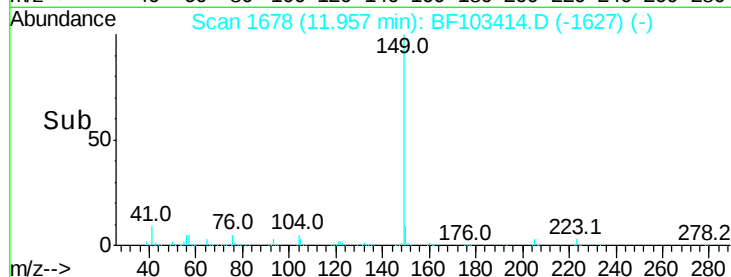
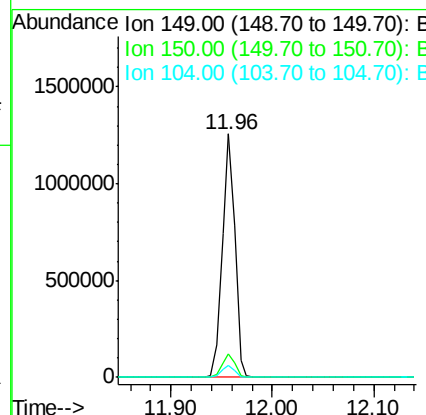
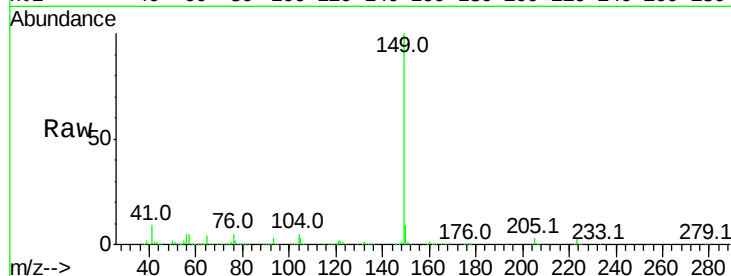




#73
Di-n-butylphthalate
Concen: 37.785 ng
RT: 11.96 min Scan# 1678
Delta R.T. 0.00 min
Lab File: BF103414.D
Acq: 5 Mar 2018 17:45

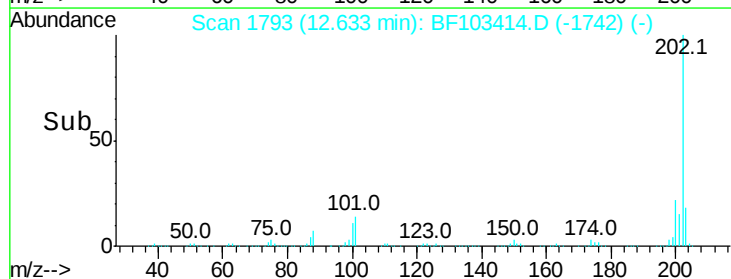
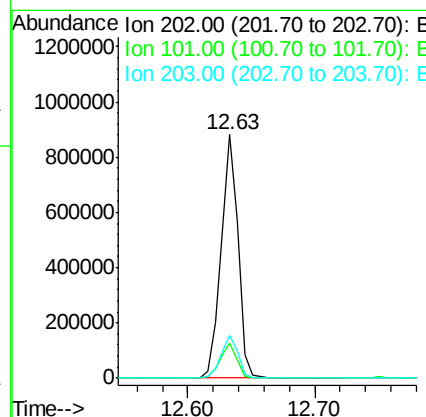
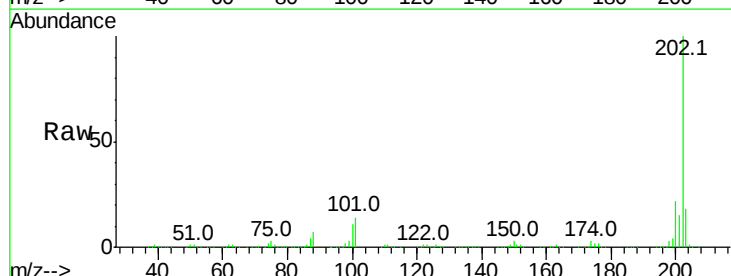
Instrument :
BNA_F
ClientSampleId :

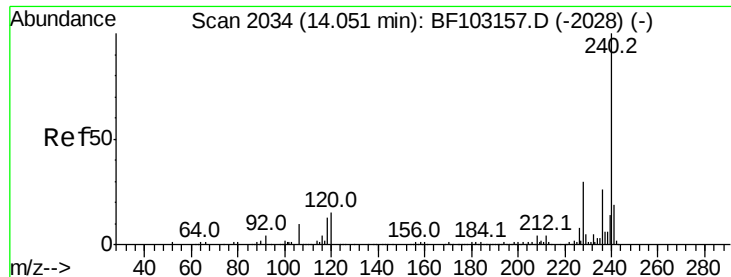
Tot Ion:149 Resp: 1085980
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 5.1 3.8 5.8



#74
Fluoranthene
Concen: 36.961 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF103414.D
Acq: 5 Mar 2018 17:45

Tgt Ion:202 Resp: 835437
Ion Ratio Lower Upper
202 100
101 14.2 0.0 34.1
203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.01 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

Instrument :

BNA_F

ClientSampleId :

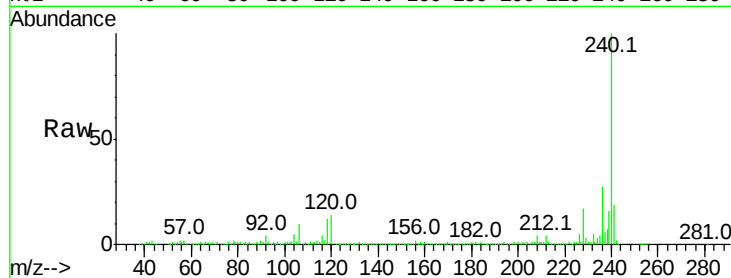
Tot Ion:240 Resp: 292409

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

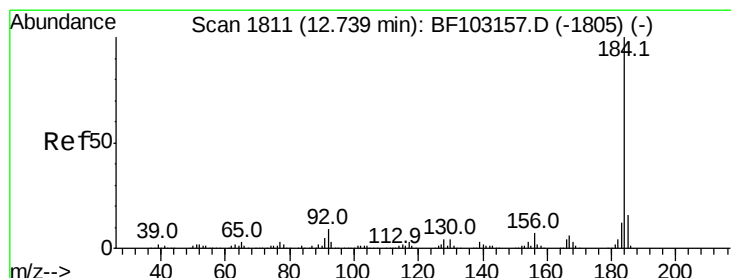
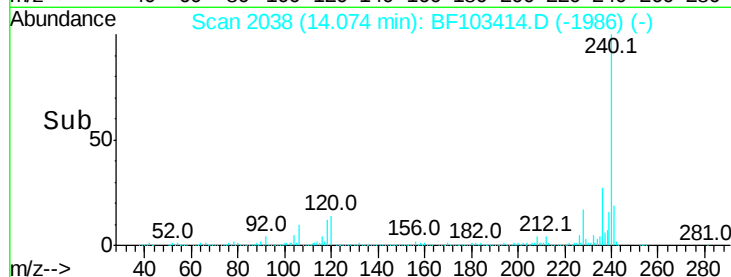
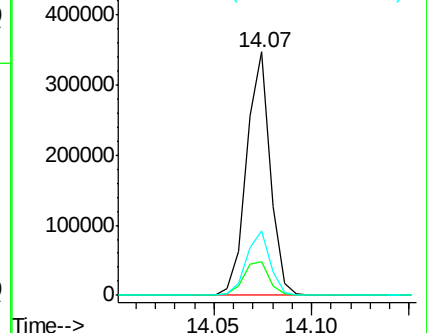
236 26.6 20.7 31.1



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



#76

Benzidine

Concen: 44.827 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

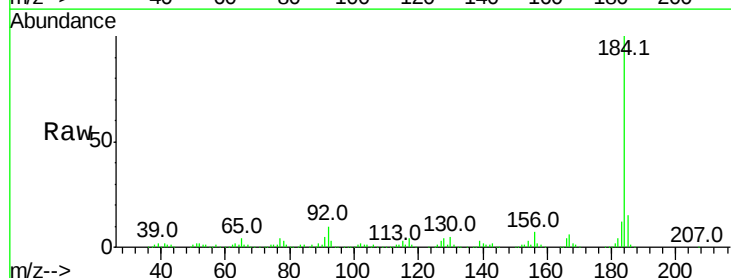
Tgt Ion:184 Resp: 490040

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

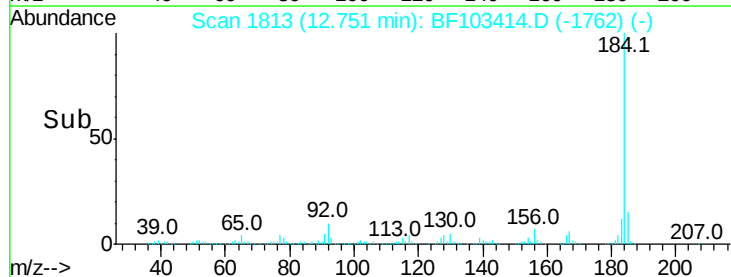
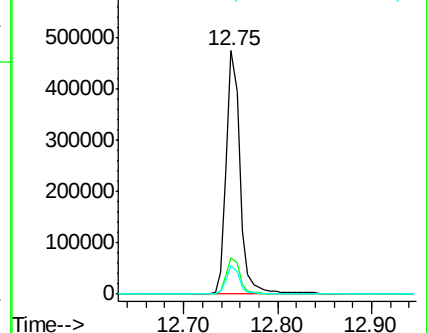
183 11.6 9.3 13.9

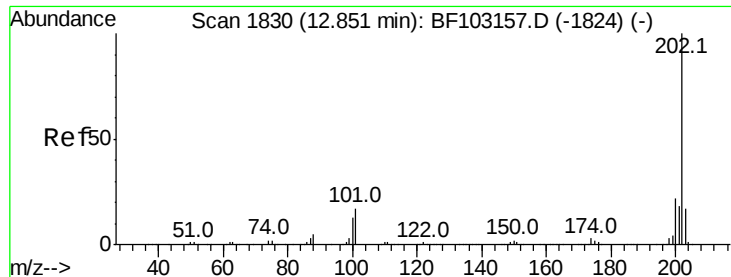


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

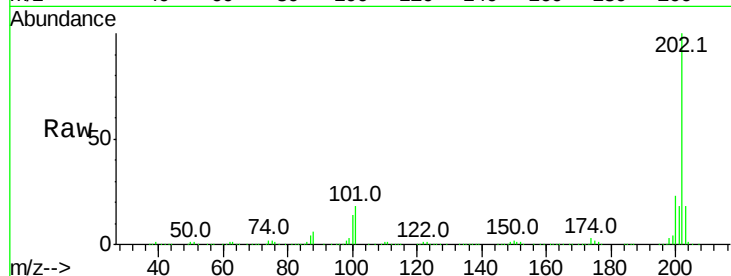




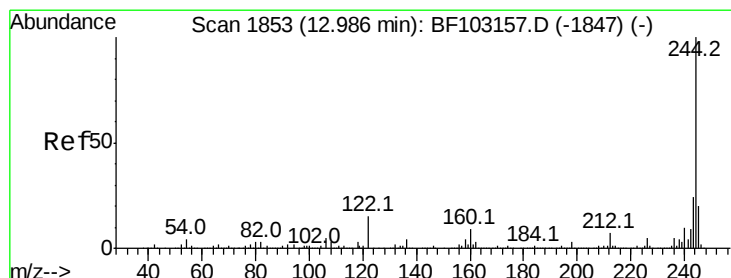
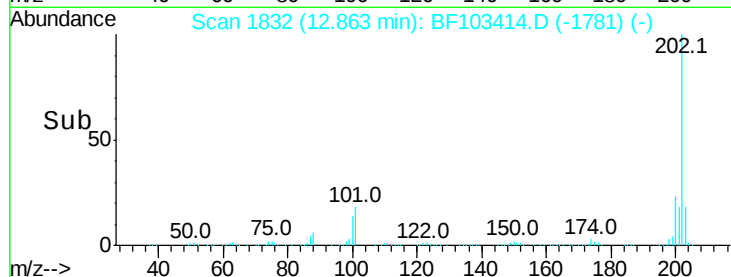
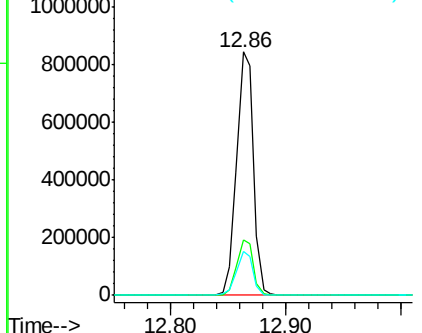
#77
Pvrene
Concen: 37.433 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF103414.D
Acq: 5 Mar 2018 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 853403
Ion Ratio Lower Upper
202 100
200 22.5 17.4 26.2
203 17.9 14.3 21.5

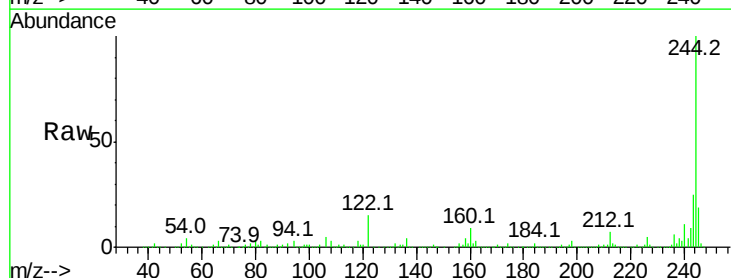


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

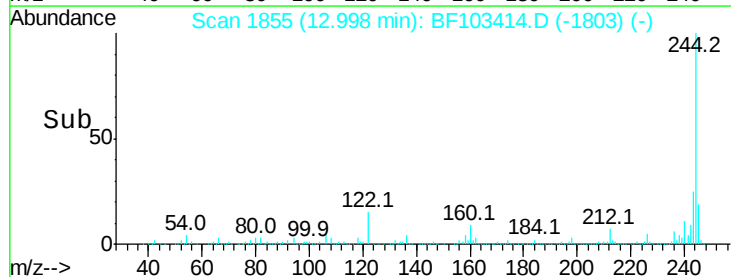
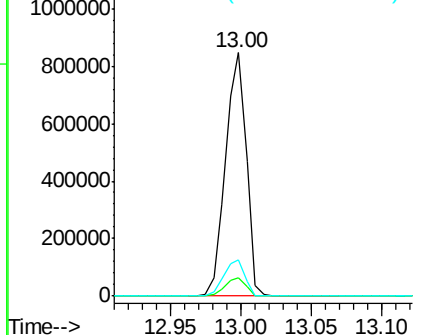


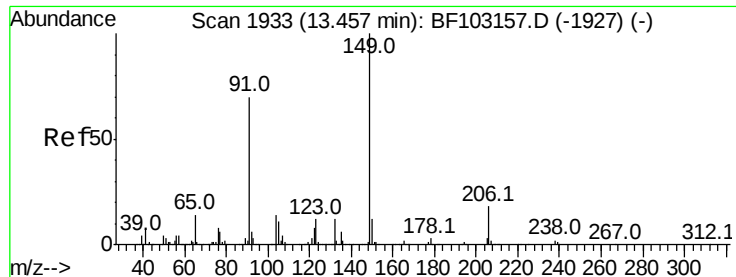
#78
Terphenyl-d14
Concen: 71.125 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BF103414.D
Acq: 5 Mar 2018 17:45

Tgt Ion:244 Resp: 865172
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 15.1 11.0 16.4



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





#79

Butylbenzylphthalate

Concen: 39.625 ng

RT: 13.46 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

Instrument :

BNA_F

ClientSampleId :

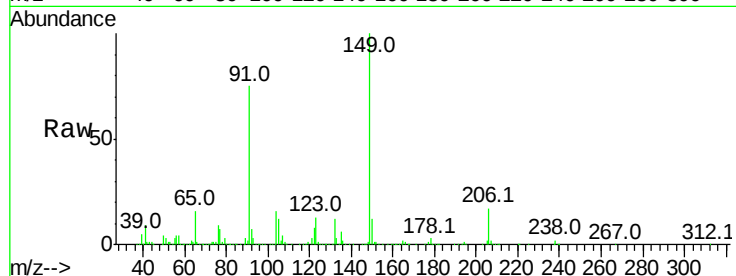
Tot Ion:149 Resp: 477283

Ion Ratio Lower Upper

149 100

91 75.3 56.8 85.2

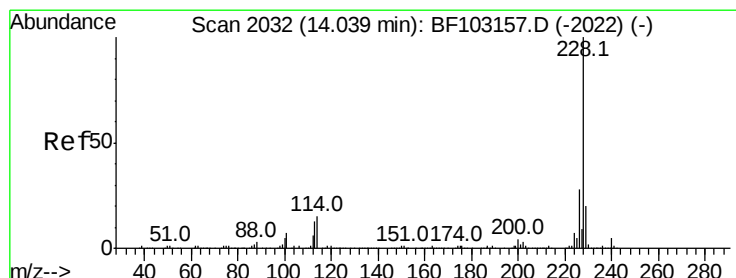
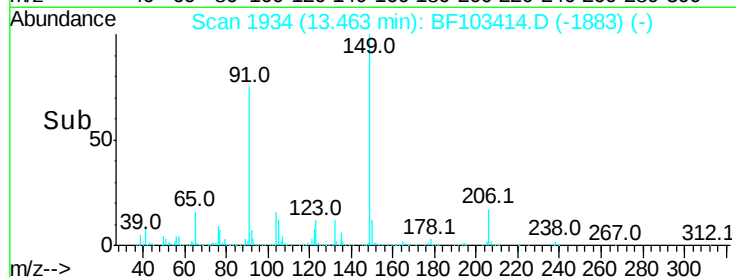
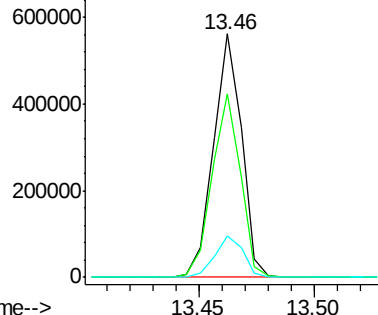
206 17.1 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.354 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

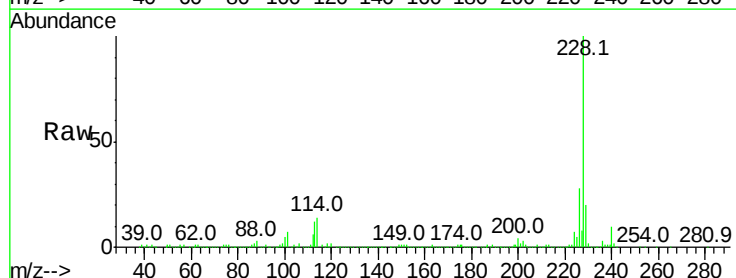
Tgt Ion:228 Resp: 708695

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

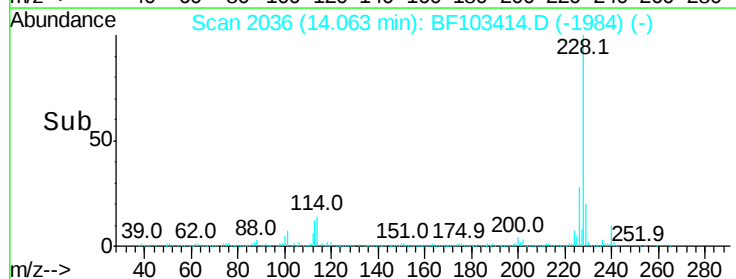
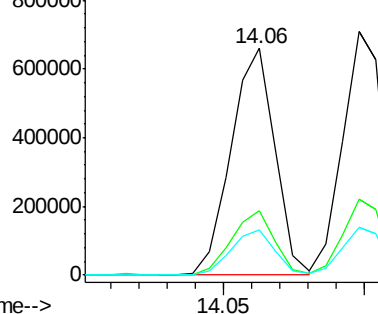
229 19.7 15.8 23.6

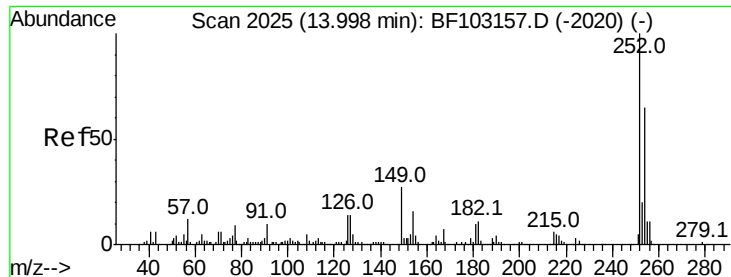


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 36.026 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

Instrument :

BNA_F

ClientSampleId :

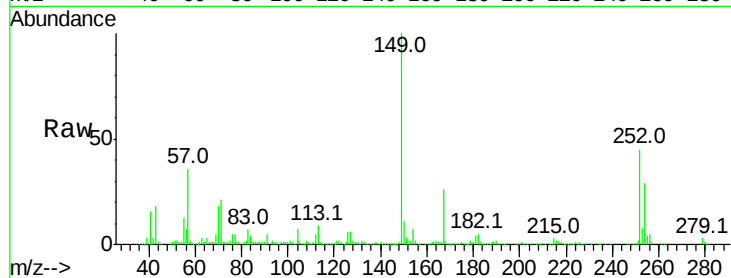
Tot Ion:252 Resp: 243930

Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.4	75.6
126	13.8	11.3	16.9

252 100

254 64.7 50.4 75.6

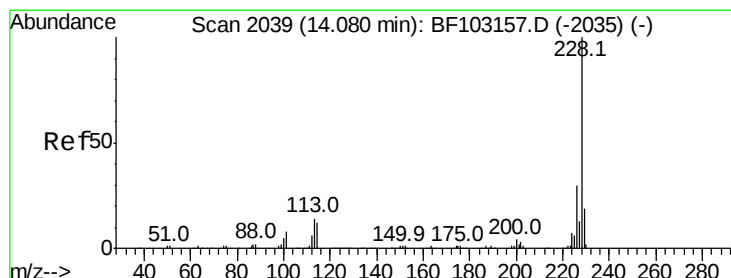
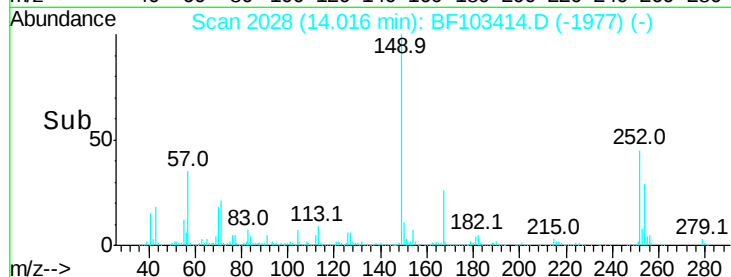
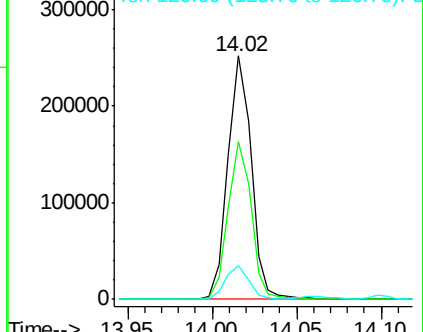
126 13.8 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 37.513 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.00 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

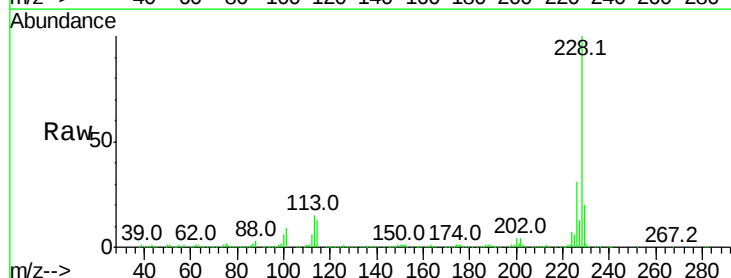
Tgt Ion:228 Resp: 691064

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	19.6	16.2	24.4

228 100

226 31.4 25.0 37.6

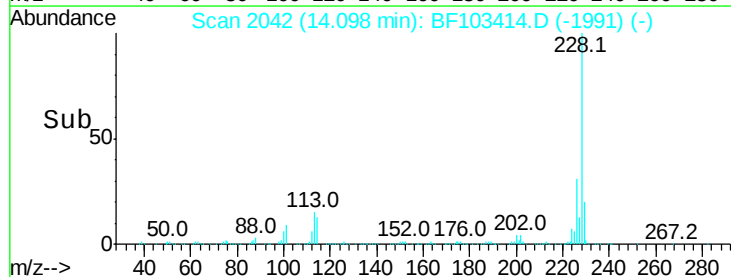
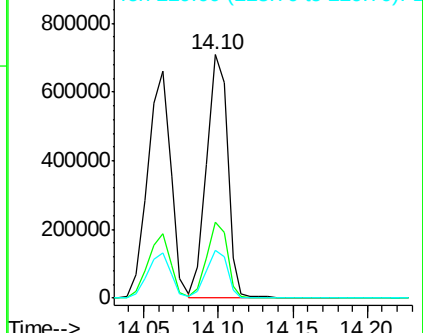
229 19.6 16.2 24.4

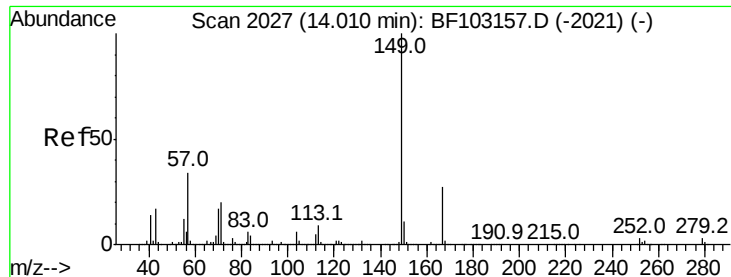


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

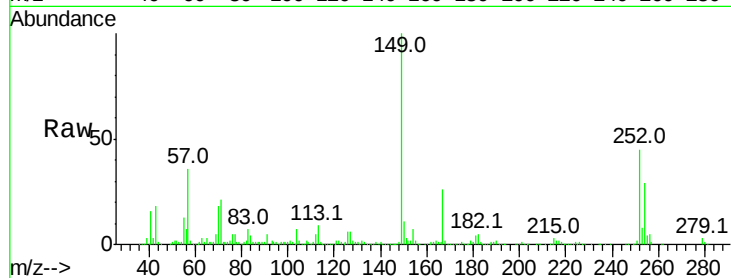




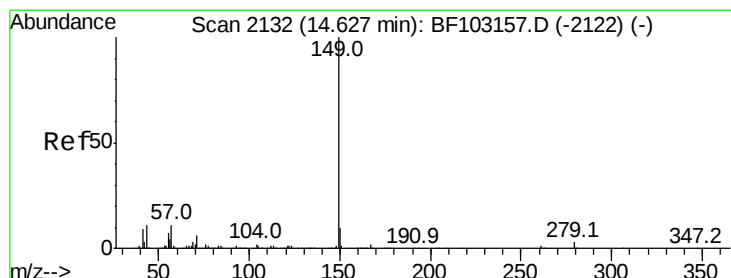
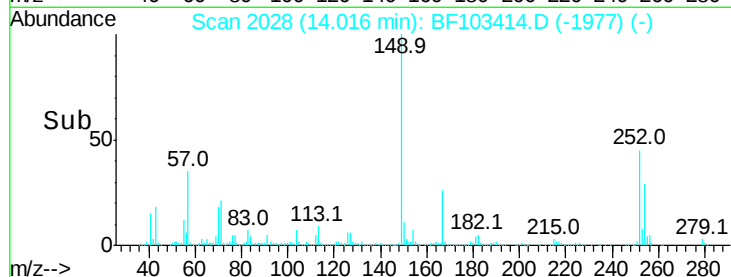
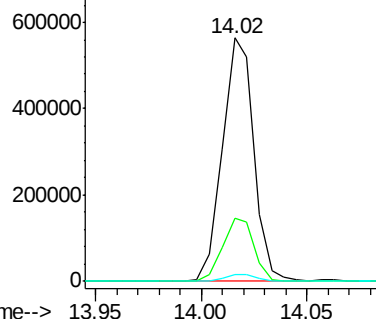
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.703 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF103414.D
 Acq: 5 Mar 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 580324
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.3 31.9
 279 2.9 3.0 4.4#

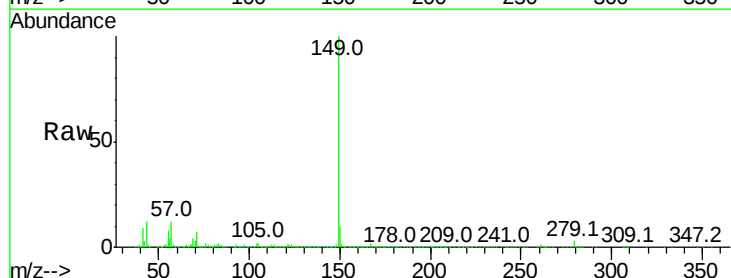


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

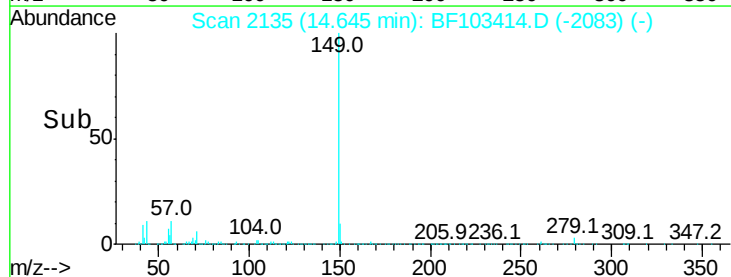
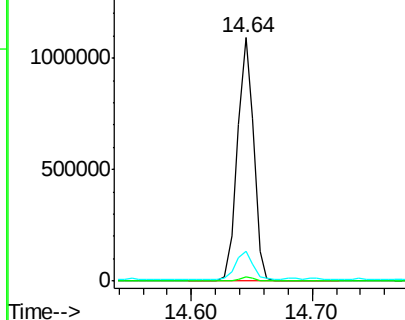


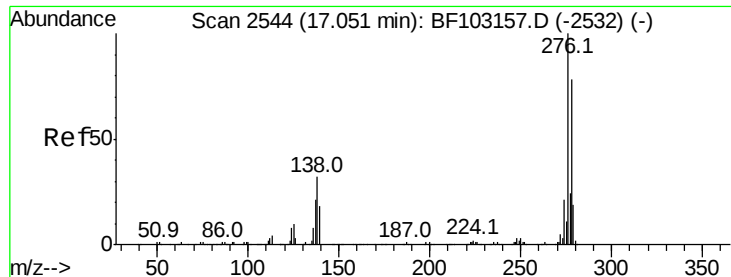
#84
 Di-n-octyl phthalate
 Concen: 38.990 ng
 RT: 14.64 min Scan# 2135
 Delta R.T. 0.01 min
 Lab File: BF103414.D
 Acq: 5 Mar 2018 17:45

Tgt Ion:149 Resp: 1023952
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 11.6 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

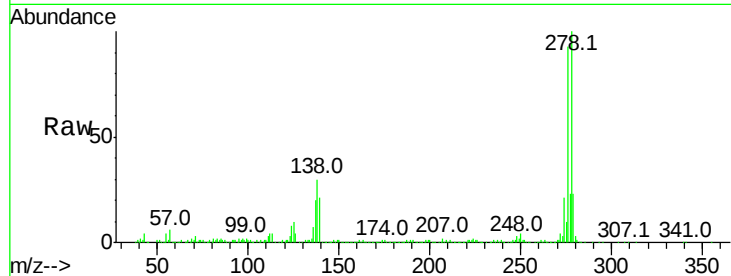




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.702 ng
 RT: 17.14 min Scan# 2560
 Delta R.T. 0.01 min
 Lab File: BF103414.D
 Acq: 5 Mar 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.6	25.0	37.6
277	24.6	20.1	30.1

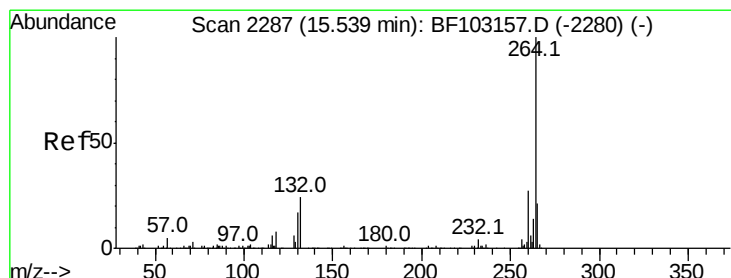
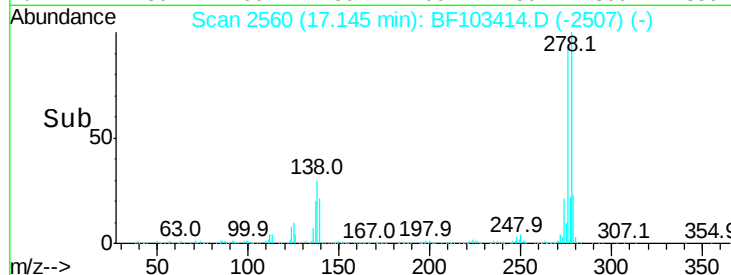
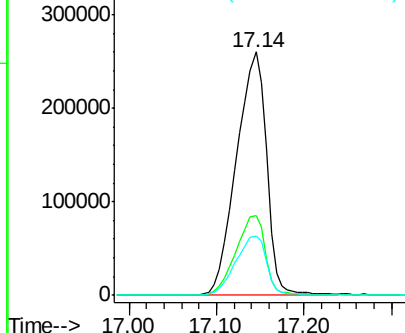


Abundance

Ion 276.00 (275.70 to 276.70): E

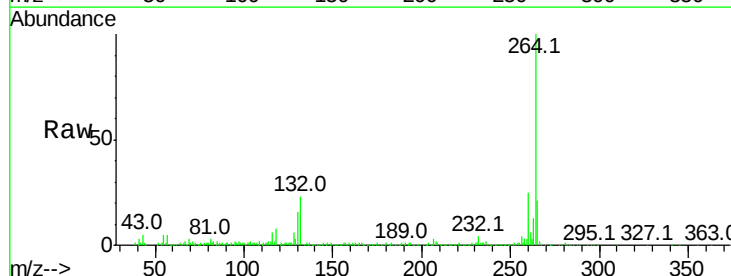
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.59 min Scan# 2295
 Delta R.T. 0.01 min
 Lab File: BF103414.D
 Acq: 5 Mar 2018 17:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.4	17.5	26.3

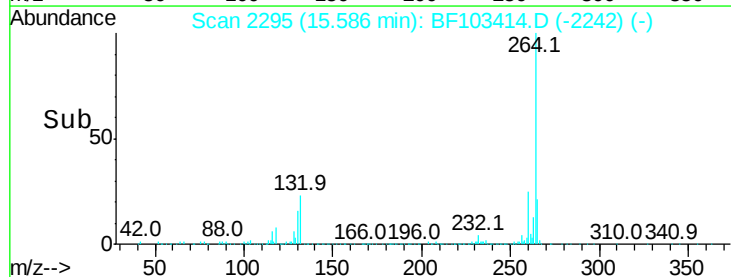
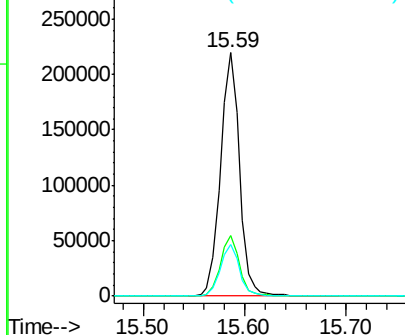


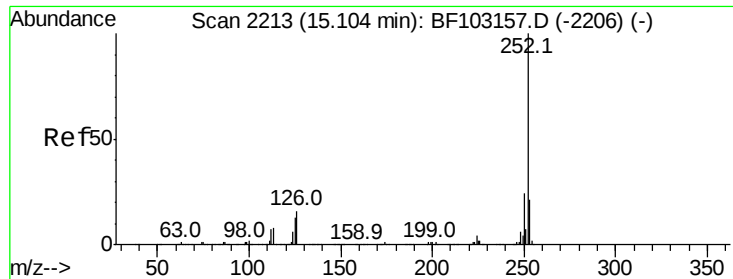
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

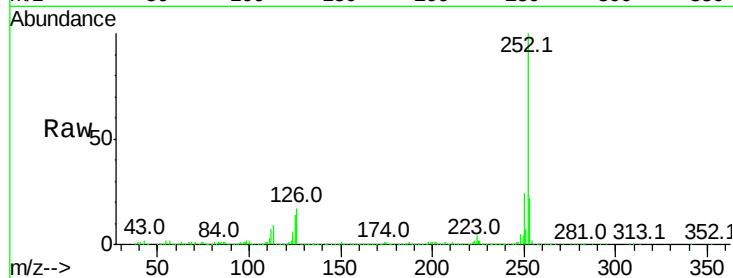




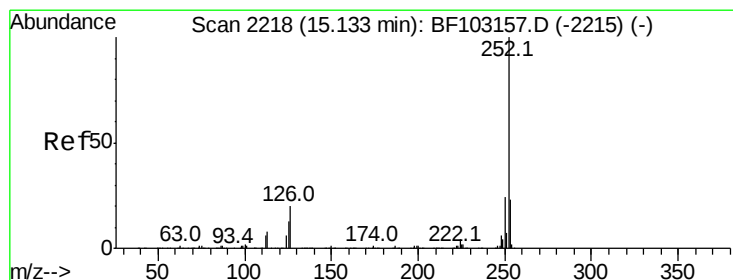
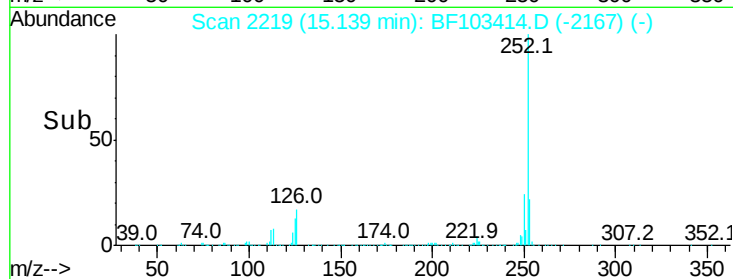
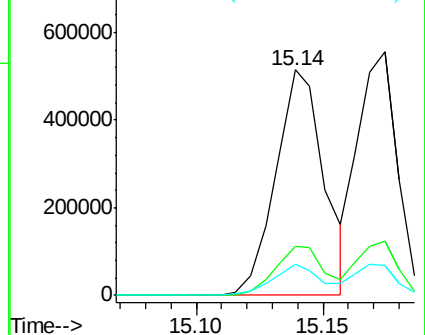
#87
Benzo(b)fluoranthene
Concen: 36.245 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF103414.D
Acq: 5 Mar 2018 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 682071
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 13.5 9.0 13.6

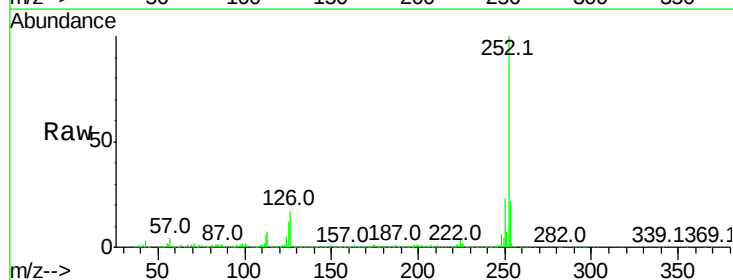


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

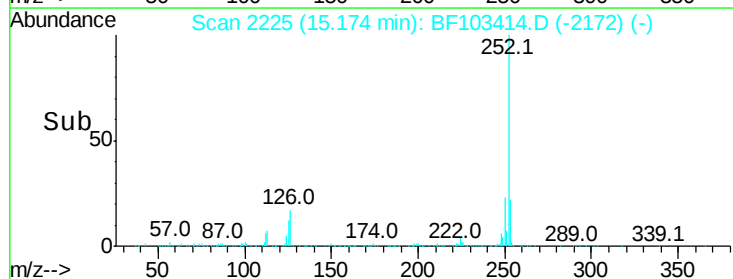
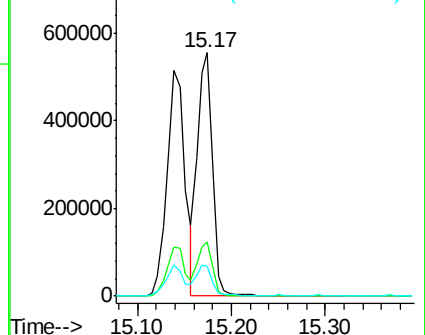


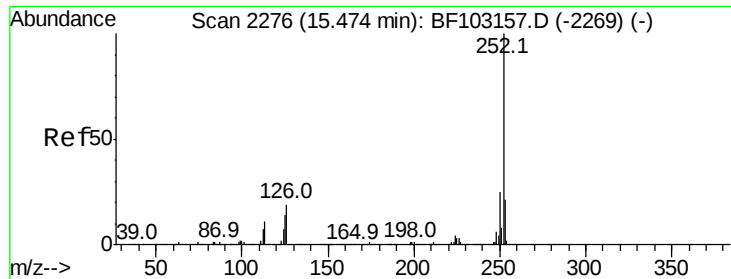
#88
Benzo(k)fluoranthene
Concen: 34.433 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF103414.D
Acq: 5 Mar 2018 17:45

Tgt Ion:252 Resp: 610175
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 12.3 10.2 15.2



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





#89

Benzo(a)pyrene

Concen: 36.276 ng

RT: 15.53 min Scan# 2285

Delta R.T. 0.01 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

Instrument :

BNA_F

ClientSampleId :

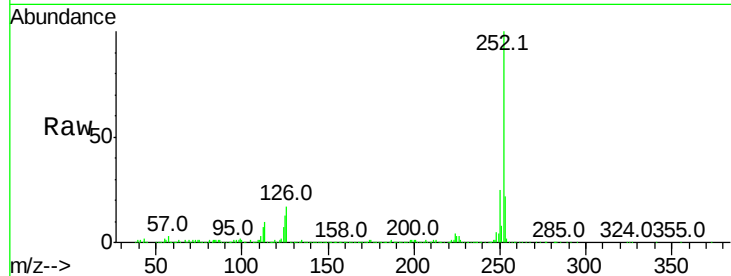
Tot Ion:252 Resp: 609613

Ion Ratio Lower Upper

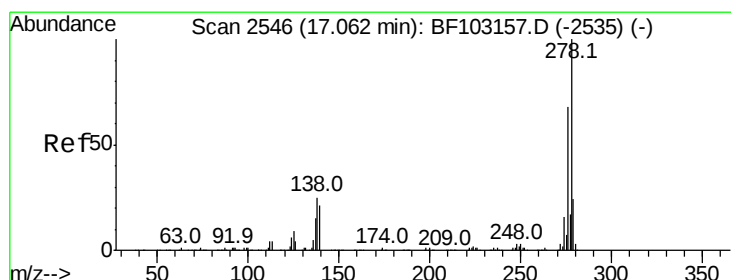
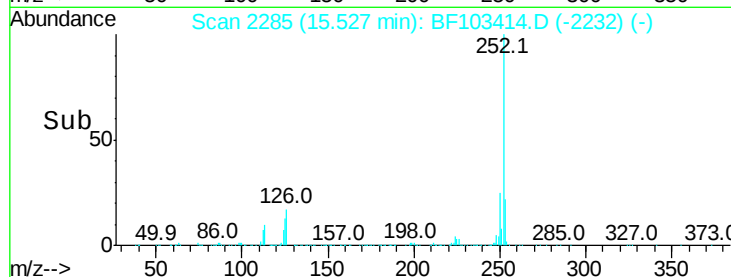
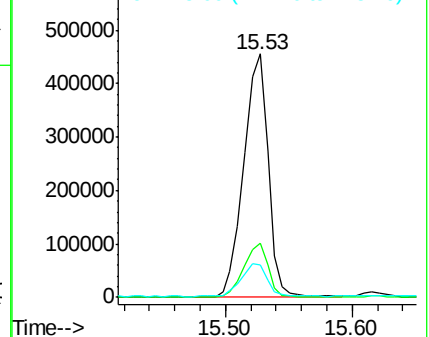
252 100

253 22.1 17.1 25.7

125 13.4 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 39.112 ng

RT: 17.14 min Scan# 2560

Delta R.T. 0.01 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

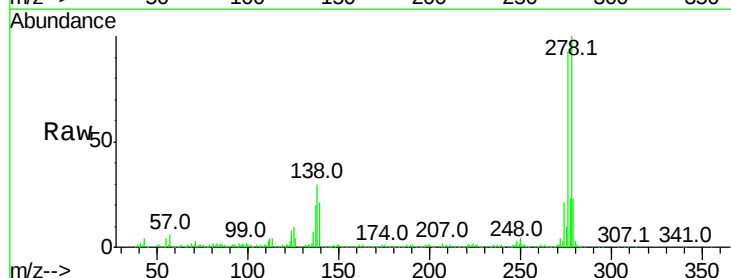
Tgt Ion:278 Resp: 507883

Ion Ratio Lower Upper

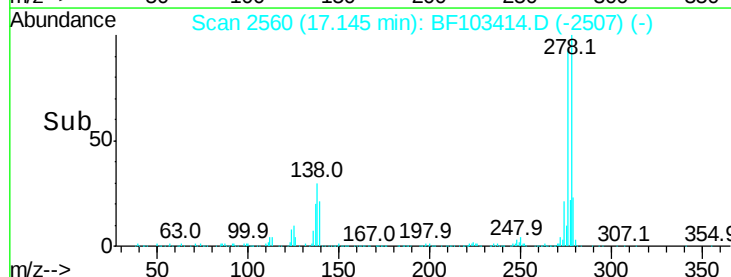
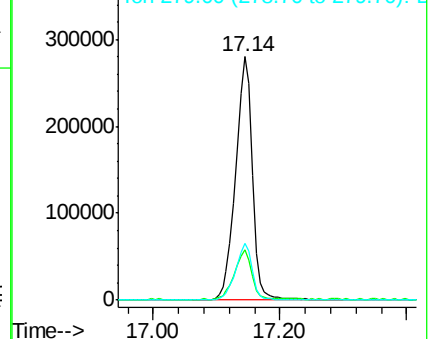
278 100

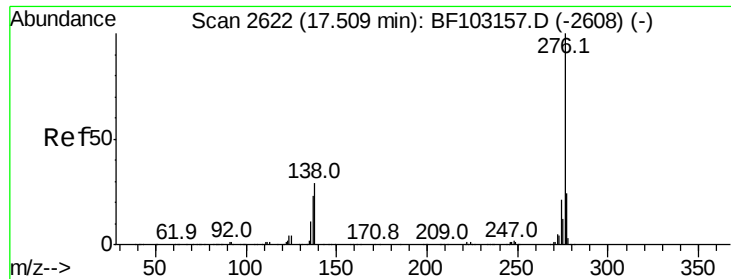
139 20.9 15.9 23.9

279 23.1 19.0 28.4



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





#91

Benzo(a,h,i)perylene

Concen: 38.888 ng

RT: 17.61 min Scan# 2639

Delta R.T. 0.02 min

Lab File: BF103414.D

Acq: 5 Mar 2018 17:45

Instrument :

BNA_F

ClientSampleId :

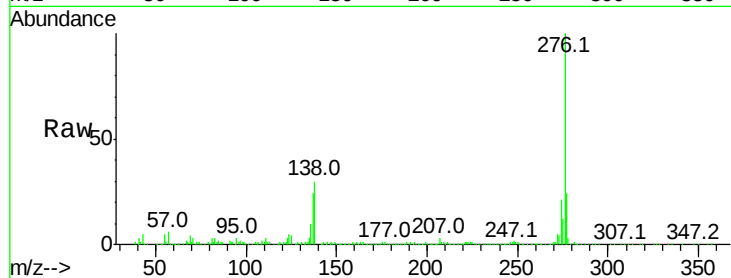
Tot Ion:276 Resp: 493524

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 29.6 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

