

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103619.D
 Acq On : 13 Mar 2018 21:56
 Operator : SJ/JU
 Sample : PB107300BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 14 00:55:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	125353	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	545135	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	254977	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	428158	20.00	ng	0.00
75) Chrysene-d12	14.06	240	262816	20.00	ng	0.00
86) Perylene-d12	15.56	264	226864	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1032534	124.58	ng	0.00
7) Phenol-d6	6.50	99	1199314	118.25	ng	0.00
23) Nitrobenzene-d5	7.43	82	801485	83.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	226094	104.76	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1187558	78.85	ng	-0.01
78) Terphenyl-d14	12.98	244	1035975	94.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	139681	31.909	ng	96
3) Pyridine	3.52	79	265611	22.728	ng	98
4) n-Nitrosodimethylamine	3.45	42	134721	28.584	ng	92
6) Aniline	6.55	93	175702	12.004	ng	# 53
8) 2-Chlorophenol	6.65	128	361756	42.016	ng	87
9) Benzaldehyde	6.43	77	140378	19.663	ng	95
10) Phenol	6.52	94	506659	43.034	ng	89
11) bis(2-Chloroethyl)ether	6.59	93	312173	34.935	ng	94
12) 1,3-Dichlorobenzene	6.80	146	374707	38.082	ng	98
13) 1,4-Dichlorobenzene	6.87	146	408655	41.426	ng	100
14) 1,2-Dichlorobenzene	7.02	146	359736	39.548	ng	99
15) Benzyl Alcohol	7.02	79	293408	38.392	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	584807	38.111	ng	50
17) 2-Methylphenol	7.12	107	306015	39.110	ng	# 76
18) Hexachloroethane	7.36	117	136556	38.025	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	284510	45.075	ng	94
20) 3+4-Methylphenols	7.29	107	415929	43.607	ng	# 76
22) Acetophenone	7.27	105	540821	42.503	ng	94
24) Nitrobenzene	7.45	77	411198	39.126	ng	97
25) Isophorone	7.67	82	787265	41.875	ng	94
26) 2-Nitrophenol	7.76	139	205964	41.629	ng	92
27) 2,4-Dimethylphenol	7.80	122	339063	44.834	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	483280	43.722	ng	98
29) 2,4-Dichlorophenol	8.02	162	305479	42.191	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	293051	38.008	ng	98
31) Naphthalene	8.16	128	1072579	40.188	ng	100
32) Benzoic acid	7.95	122	73787	18.171	ng	96
33) 4-Chloroaniline	8.25	127	89600	7.780	ng	# 92
34) Hexachlorobutadiene	8.26	225	141580	35.262	ng	98
35) Caprolactam	8.60	113	48692	19.135	ng	# 75
36) 4-Chloro-3-methylphenol	8.72	107	353199	43.249	ng	99
37) 2-Methylnaphthalene	8.85	142	687964	39.886	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	259537	37.233	ng	98
40) Hexachlorocyclopentadiene	8.99	237	34538	21.378	ng	97

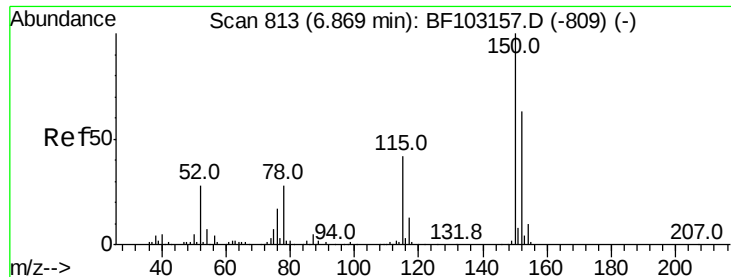
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103619.D
 Acq On : 13 Mar 2018 21:56
 Operator : SJ/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	173968	37.091	ng	98
43) 2,4,5-Trichlorophenol	9.20	196	176907	32.794	ng	96
45) 1,1'-Biphenyl	9.32	154	797115	37.308	ng	99
46) 2-Chloronaphthalene	9.35	162	640420	37.887	ng	100
47) 2-Nitroaniline	9.46	65	268269	42.846	ng	# 80
48) Acenaphthylene	9.76	152	948684	36.478	ng	100
49) Dimethylphthalate	9.62	163	723947	35.393	ng	99
50) 2,6-Dinitrotoluene	9.69	165	159872	37.245	ng	# 69
51) Acenaphthene	9.93	154	554472	36.562	ng	99
52) 3-Nitroaniline	9.89	138	71733	13.172	ng	93
53) 2,4-Dinitrophenol	10.02	184	32609	28.123	ng	# 25
54) Dibenzofuran	10.10	168	814424	39.121	ng	91
55) 4-Nitrophenol	10.07	139	114156	33.821	ng	90
56) 2,4-Dinitrotoluene	10.11	165	209142	38.524	ng	# 67
57) Fluorene	10.45	166	661083	37.278	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	137520	37.948	ng	# 94
59) Diethylphthalate	10.32	149	745915	38.129	ng	99
60) 4-Chlorophenyl-phenylether	10.43	204	294993	39.226	ng	97
61) 4-Nitroaniline	10.50	138	175465	32.257	ng	98
62) Azobenzene	10.60	77	824846	41.422	ng	95
64) 4,6-Dinitro-2-methylphenol	10.53	198	43146	19.801	ng	83
65) n-Nitrosodiphenylamine	10.56	169	586673	39.353	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	174234	39.065	ng	99
67) Hexachlorobenzene	11.00	284	178864	36.948	ng	97
68) Atrazine	11.09	200	186222	41.560	ng	96
69) Pentachlorophenol	11.21	266	96618	41.277	ng	99
70) Phenanthrene	11.42	178	910911	38.659	ng	99
71) Anthracene	11.47	178	987116	40.854	ng	99
72) Carbazole	11.64	167	968091	40.234	ng	99
73) Di-n-butylphthalate	11.94	149	1218105	40.458	ng	99
74) Fluoranthene	12.62	202	912033	38.518	ng	99
76) Benzidine	12.74	184	334639	34.058	ng	98
77) Pyrene	12.85	202	875157	42.710	ng	99
79) Butylbenzylphthalate	13.44	149	491115	45.364	ng	94
80) Benzo(a)anthracene	14.04	228	650455	38.144	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	135842	22.322	ng	100
82) Chrysene	14.08	228	657924	39.736	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	674270	46.153	ng	# 100
84) Di-n-octyl phthalate	14.62	149	1083043	45.883	ng	98
85) Indeno(1,2,3-cd)pyrene	17.11	276	566932	43.250	ng	98
87) Benzo(b)fluoranthene	15.12	252	540121	36.211	ng	98
88) Benzo(k)fluoranthene	15.14	252	557921	39.721	ng	99
89) Benzo(a)pyrene	15.50	252	546737	41.046	ng	98
90) Dibenzo(a,h)anthracene	17.11	278	473010	45.956	ng	97
91) Benzo(g,h,i)perylene	17.57	276	483173	48.032	ng	98

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

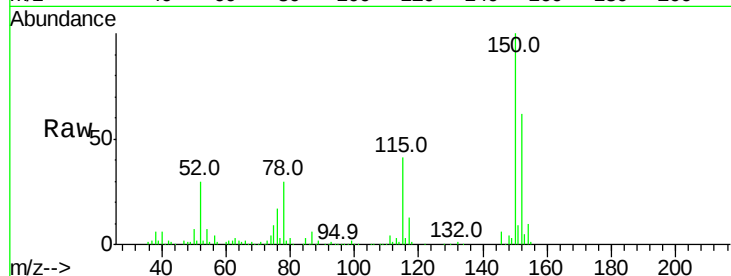


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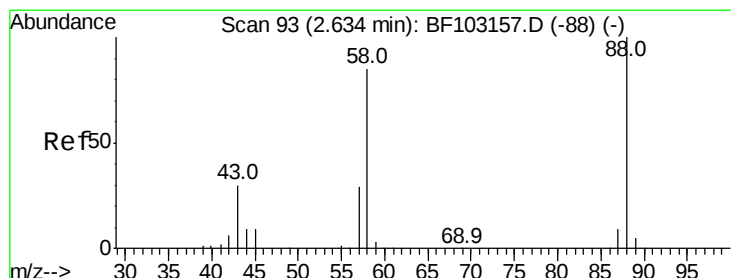
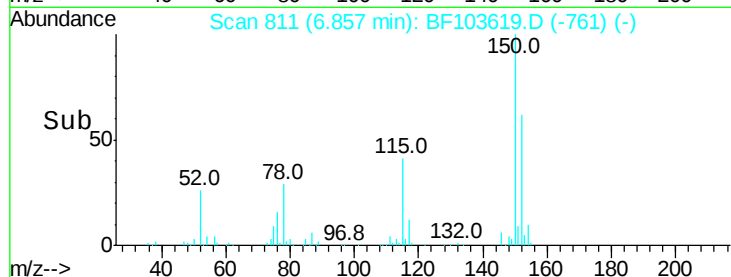
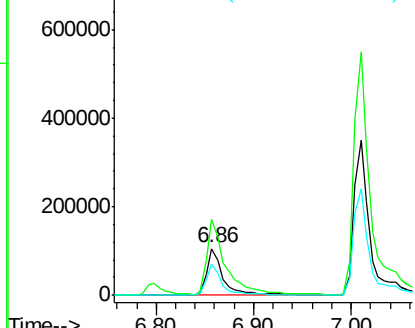
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103619.D
Acq: 13 Mar 2018 21:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 125353
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 65.9 50.1 75.1



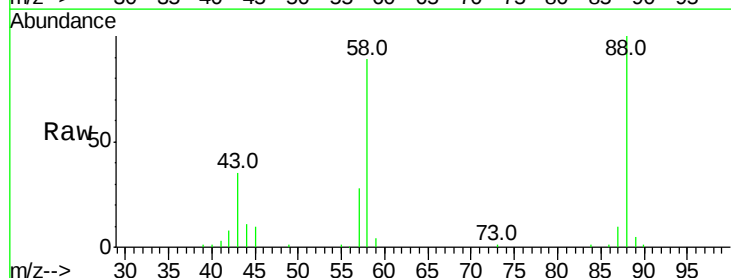
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



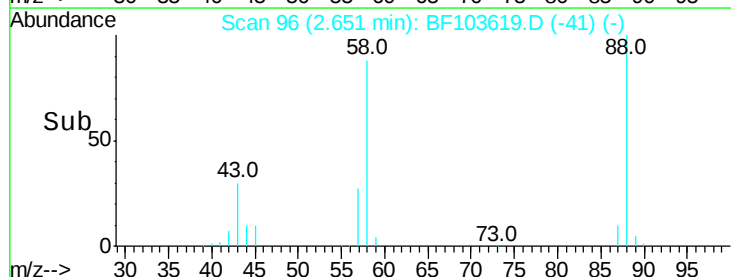
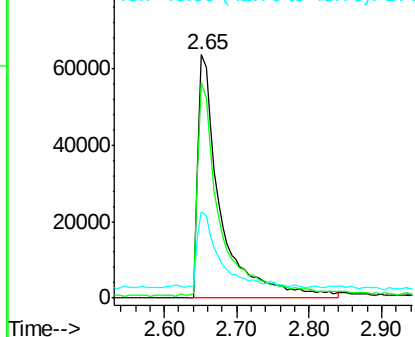
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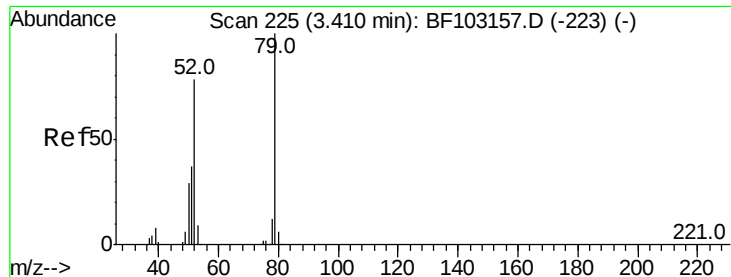
1,4-Dioxane
Concen: 31.909 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.02 min
Lab File: BF103619.D
Acq: 13 Mar 2018 21:56

Tgt Ion: 88 Resp: 139681
Ion Ratio Lower Upper
88 100
58 81.8 62.6 93.8
43 29.3 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

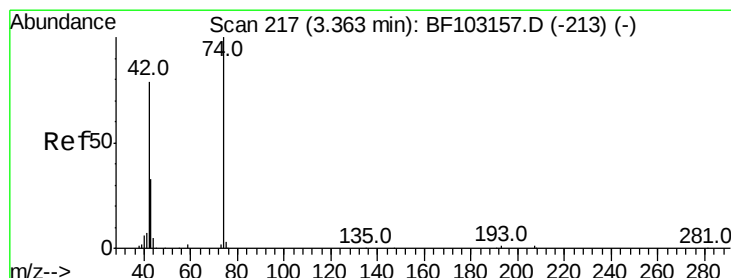
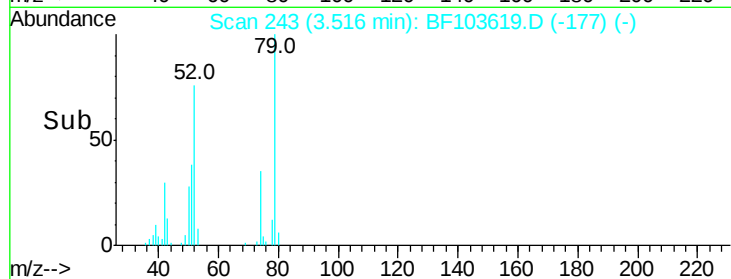
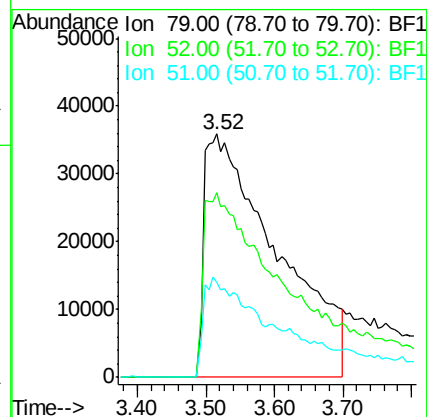
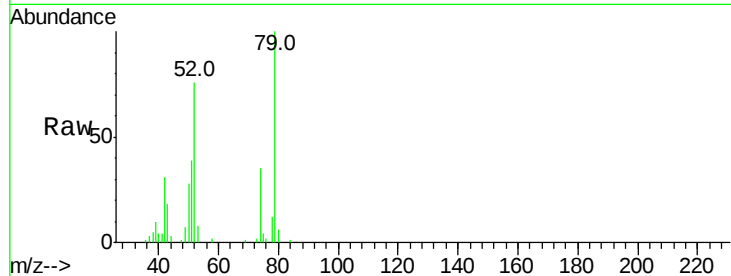




#3
 Pvridine
 Concen: 22.728 ng
 RT: 3.52 min Scan# 243
 Delta R.T. 0.09 min
 Lab File: BF103619.D
 Acq: 13 Mar 2018 21:56

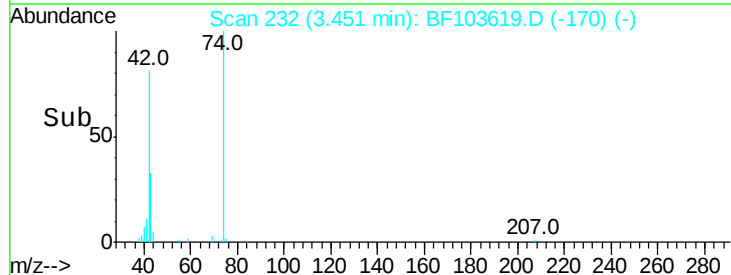
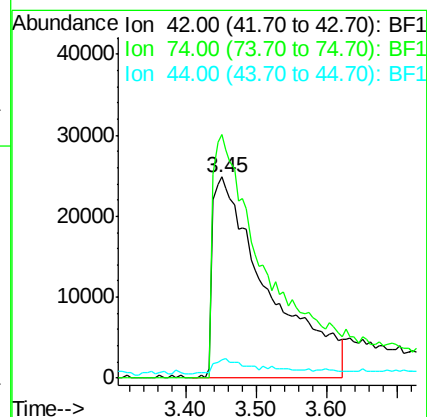
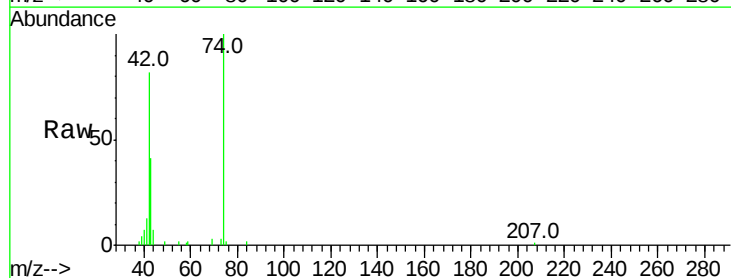
Instrument :
 BNA_F
 ClientSampleId :

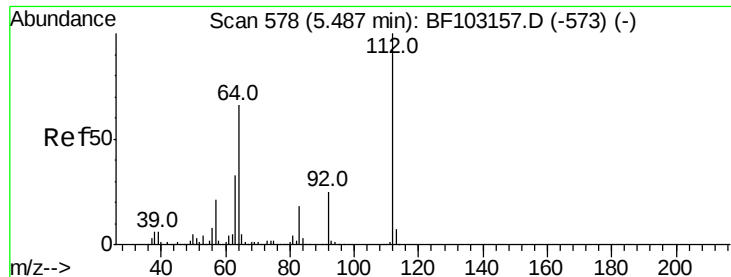
Tot Ion: 79 Resp: 265611
 Ion Ratio Lower Upper
 79 100
 52 75.8 59.8 89.6
 51 39.3 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 28.584 ng
 RT: 3.45 min Scan# 232
 Delta R.T. 0.06 min
 Lab File: BF103619.D
 Acq: 13 Mar 2018 21:56

Tgt Ion: 42 Resp: 134721
 Ion Ratio Lower Upper
 42 100
 74 121.3 104.9 157.3
 44 8.9 6.9 10.3





#5

2-Fluorophenol

Concen: 124.579 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

Instrument :

BNA_F

ClientSampleId :

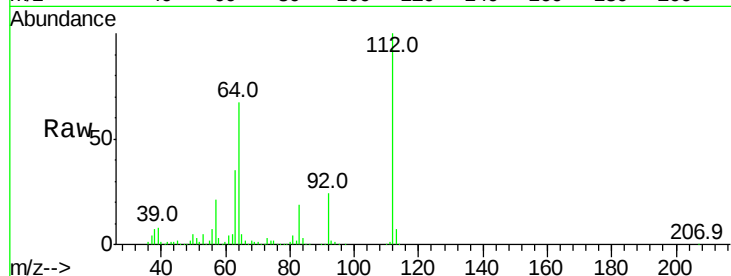
Tot Ion:112 Resp: 1032534

Ion Ratio Lower Upper

112 100

64 67.4 47.9 71.9

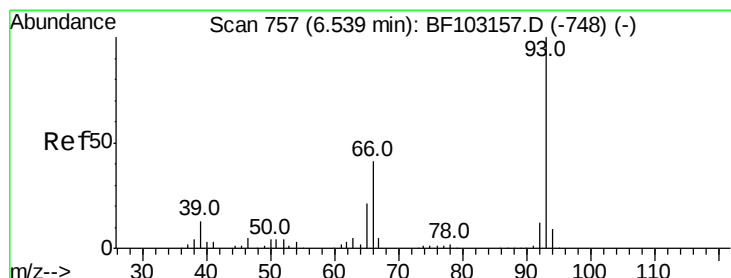
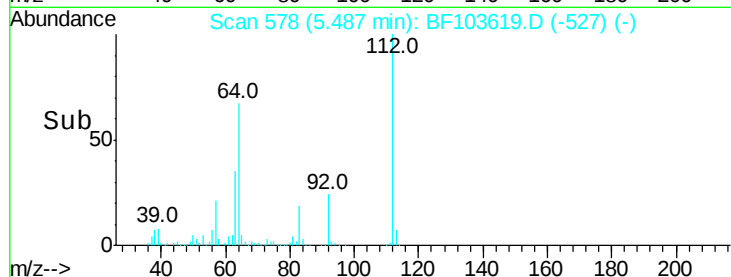
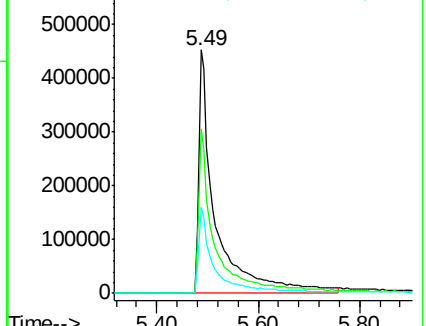
63 35.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.004 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

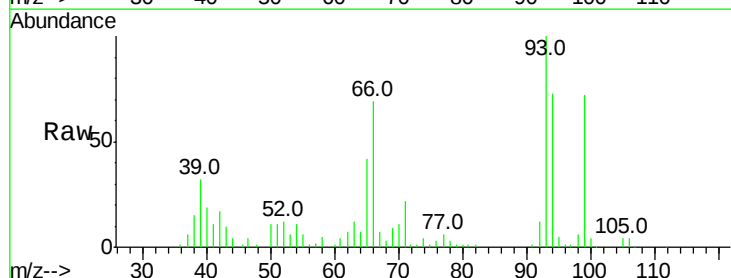
Tgt Ion: 93 Resp: 175702

Ion Ratio Lower Upper

93 100

66 69.0 32.2 48.2#

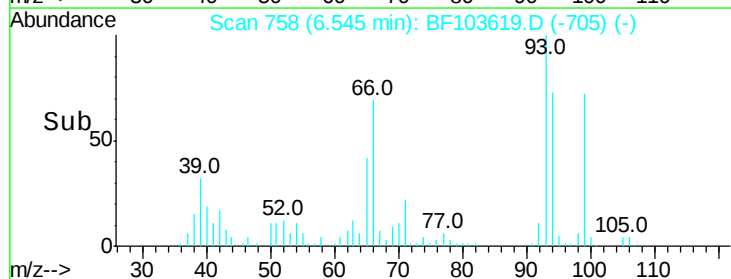
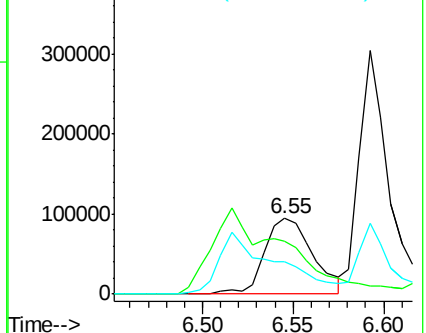
65 42.1 16.4 24.6#

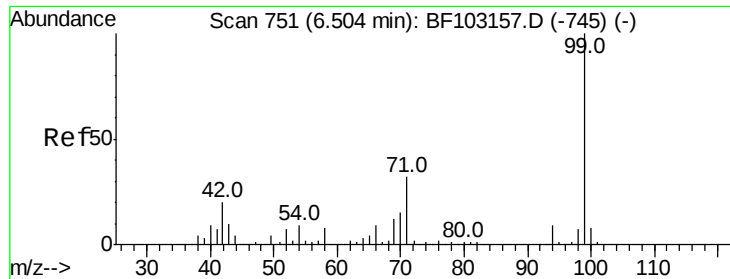


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.254 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

Instrument :

BNA_F

ClientSampleId :

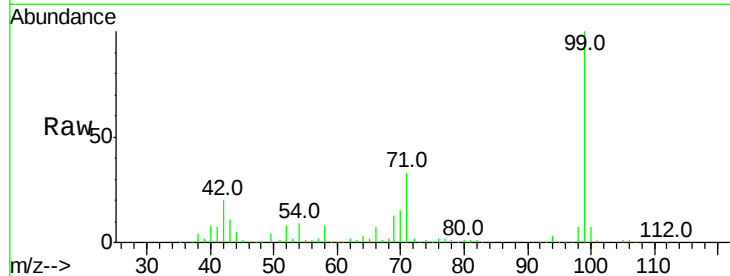
Tot Ion: 99 Resp: 1199314

Ion Ratio Lower Upper

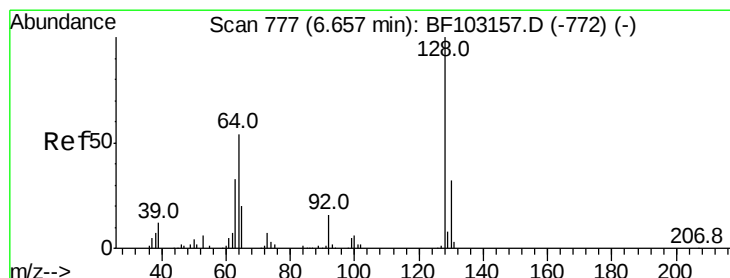
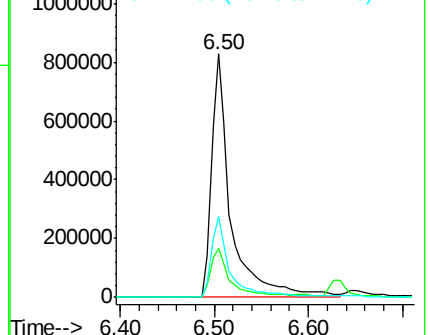
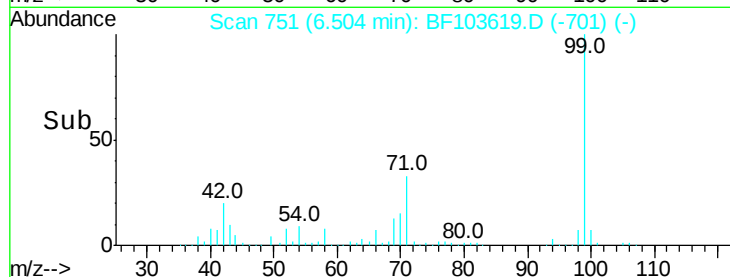
99 100

42 20.4 14.5 21.7

71 33.1 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: 42.016 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

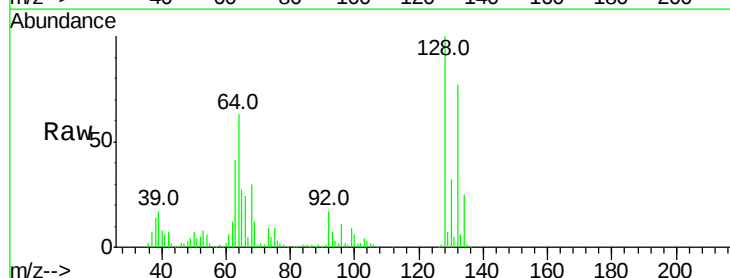
Tgt Ion:128 Resp: 361756

Ion Ratio Lower Upper

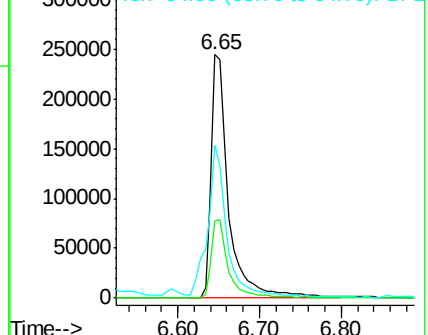
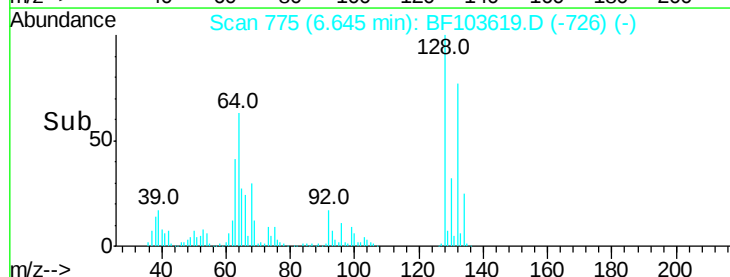
128 100

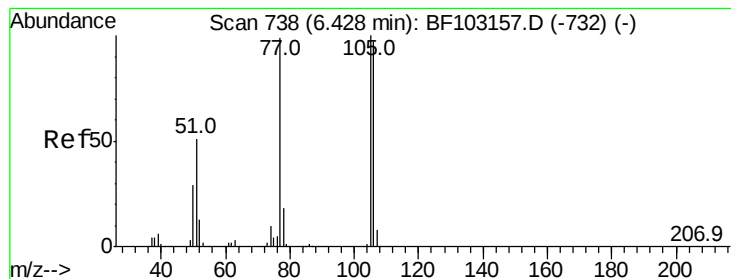
130 31.7 13.0 53.0

64 62.9 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: 19.663 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

Instrument :

BNA_F

ClientSampleId :

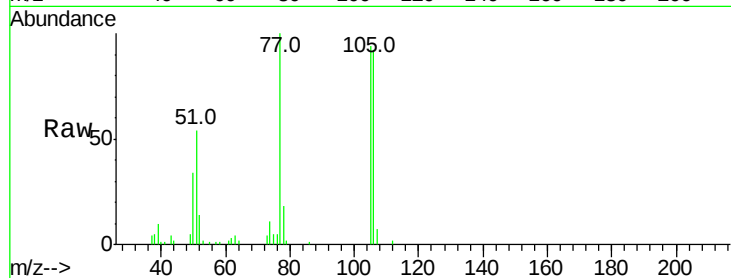
Tot Ion: 77 Resp: 140378

Ion Ratio Lower Upper

77 100

105 94.4 81.1 121.1

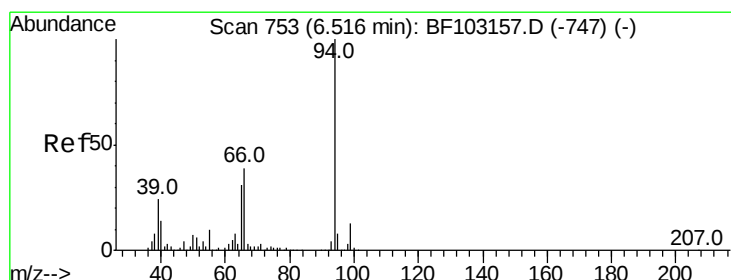
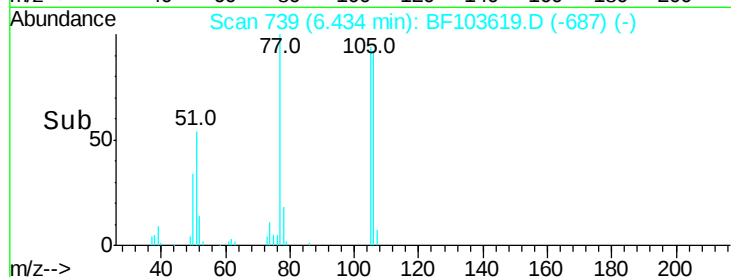
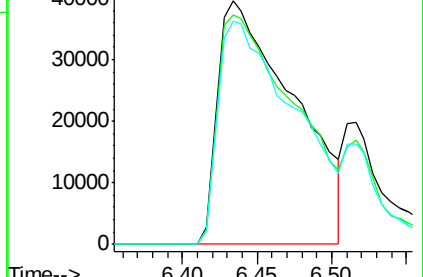
106 91.6 74.5 114.5



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: 43.034 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

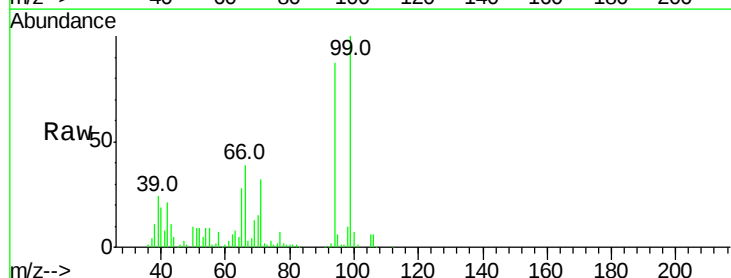
Tgt Ion: 94 Resp: 506659

Ion Ratio Lower Upper

94 100

65 31.9 7.9 47.9

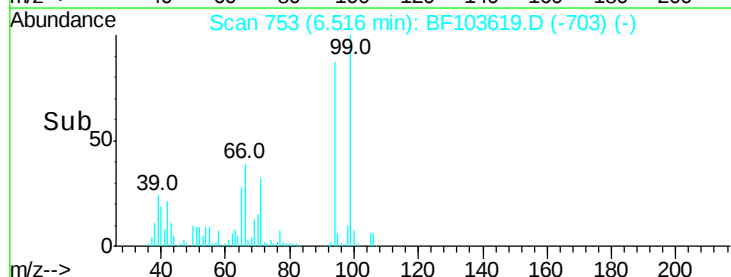
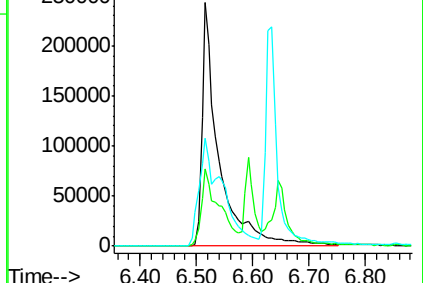
66 44.3 16.2 56.2

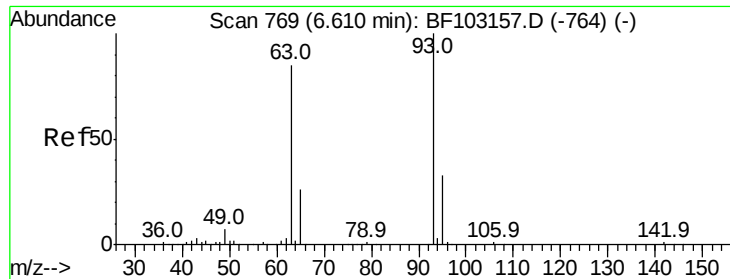


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

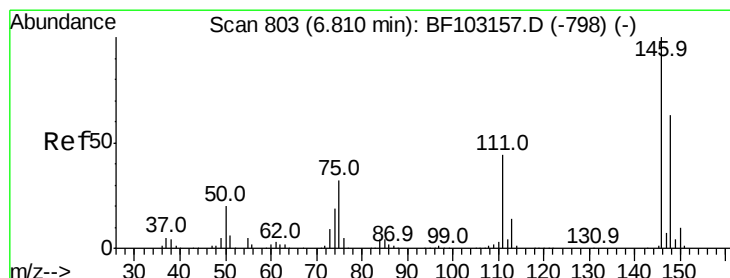
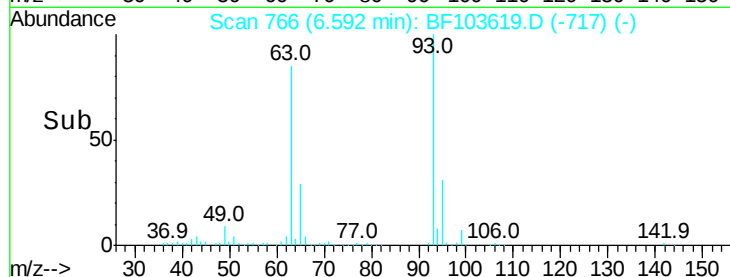
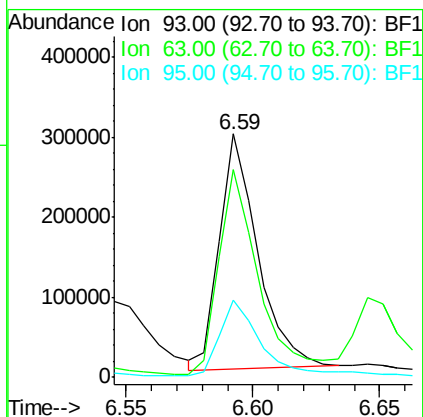
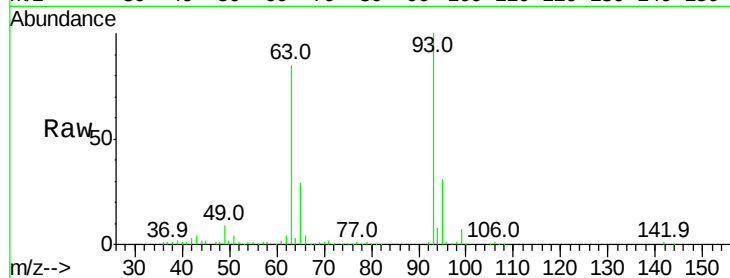




#11
bis(2-Chloroethyl)ether
Concen: 34.935 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF103619.D
Acq: 13 Mar 2018 21:56

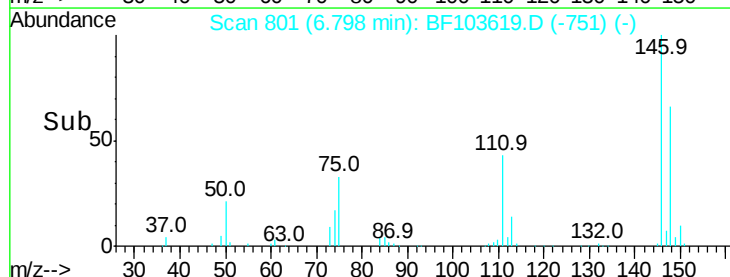
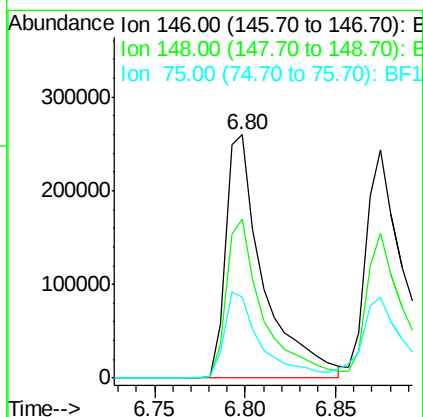
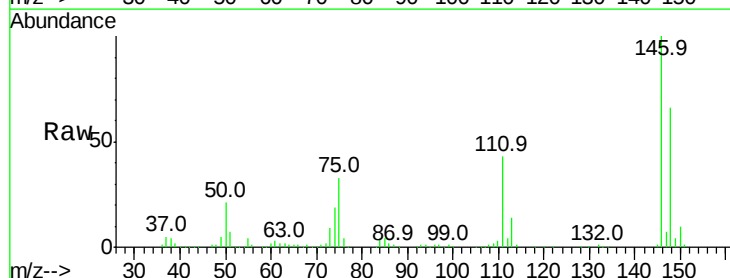
Instrument :
BNA_F
ClientSampleId :

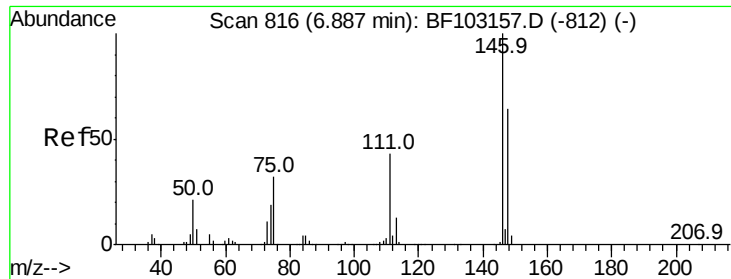
Tot Ion: 93 Resp: 312173
Ion Ratio Lower Upper
93 100
63 85.5 58.6 98.6
95 31.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.082 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF103619.D
Acq: 13 Mar 2018 21:56

Tgt Ion: 146 Resp: 374707
Ion Ratio Lower Upper
146 100
148 65.6 51.8 77.8
75 33.2 24.2 36.4

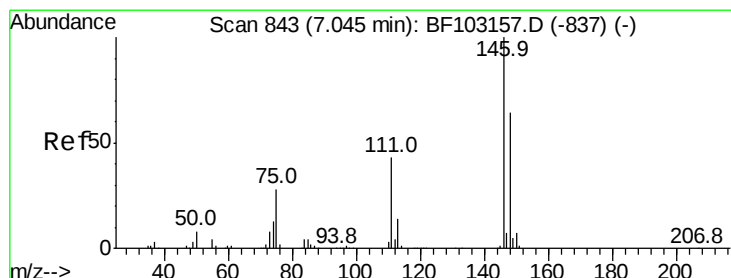
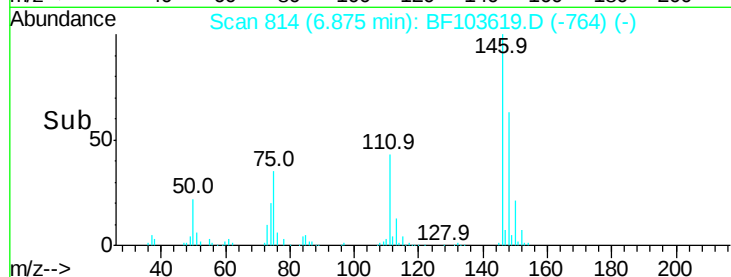
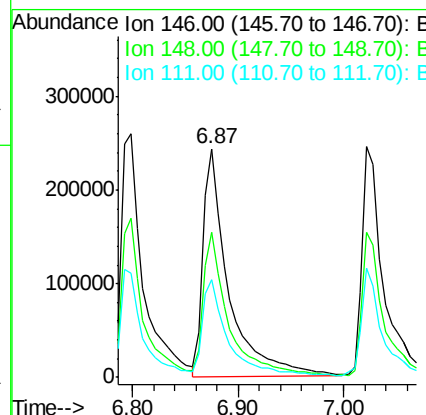
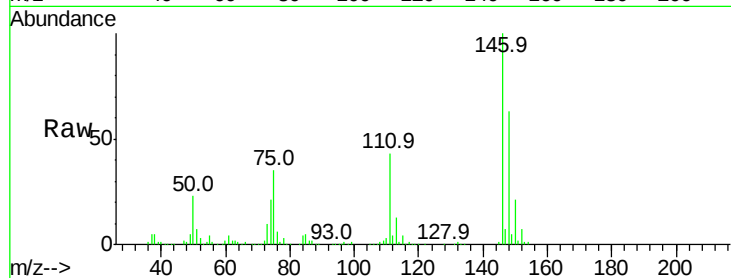




#13
 1,4-Dichlorobenzene
 Concen: 41.426 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF103619.D
 Acq: 13 Mar 2018 21:56

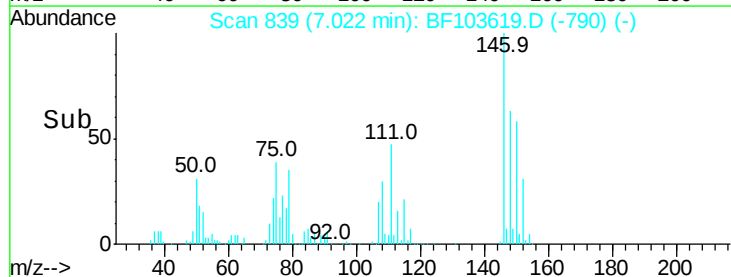
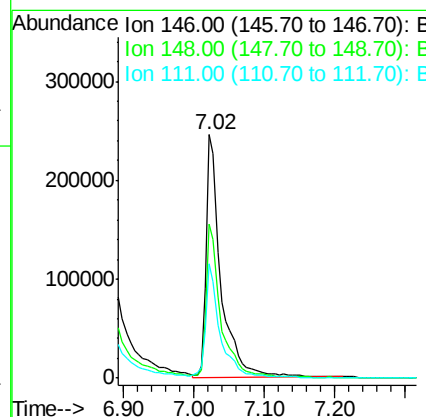
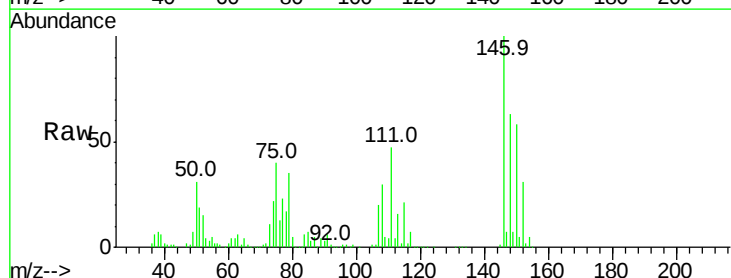
Instrument :
 BNA_F
 ClientSampleId :

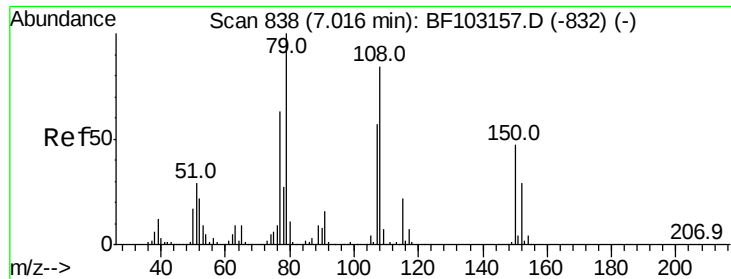
Tot Ion:146 Resp: 408655
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.8 76.2
 111 42.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.548 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF103619.D
 Acq: 13 Mar 2018 21:56

Tgt Ion:146 Resp: 359736
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.6 75.8
 111 47.1 36.0 54.0





#15

Benzyl Alcohol

Concen: 38.392 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

Instrument :

BNA_F

ClientSampleId :

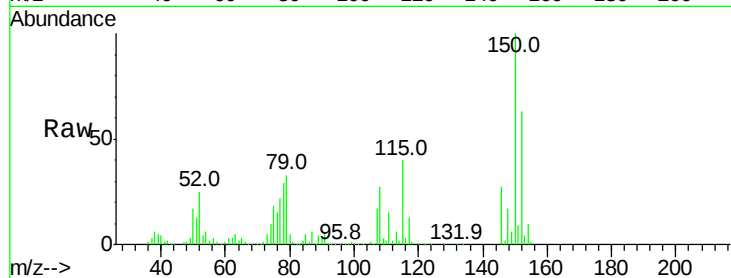
Tot Ion: 79 Resp: 293408

Ion Ratio Lower Upper

79 100

108 80.9 65.1 97.7

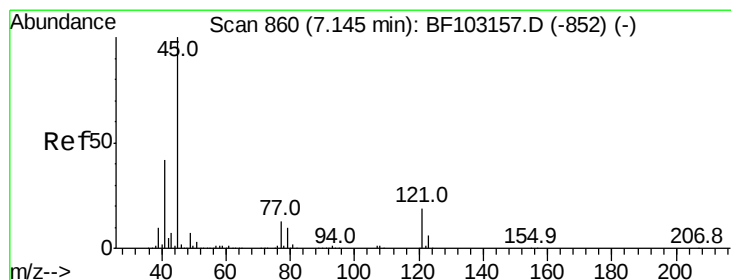
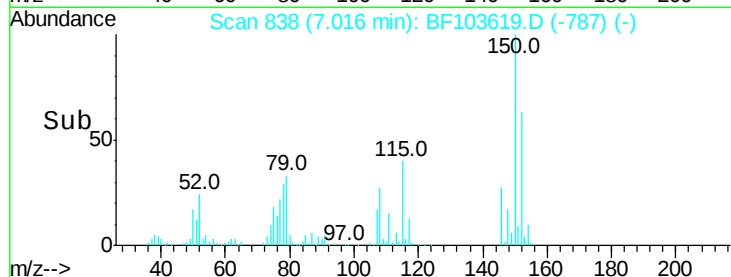
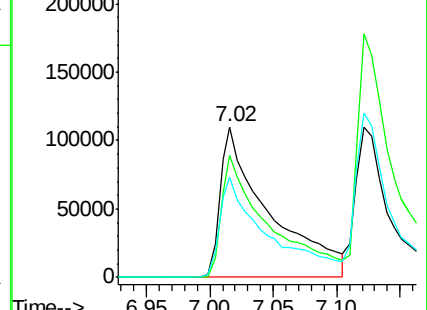
77 66.5 50.6 75.8



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: 38.111 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

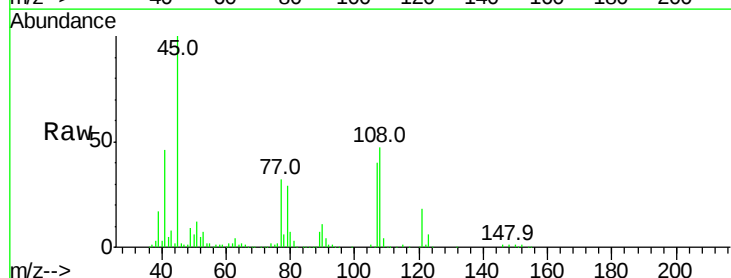
Tgt Ion: 45 Resp: 584807

Ion Ratio Lower Upper

45 100

77 31.7 0.0 32.9

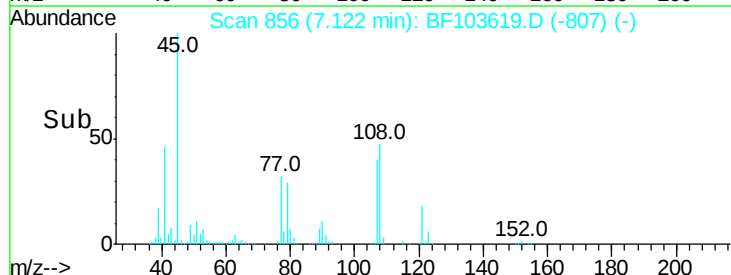
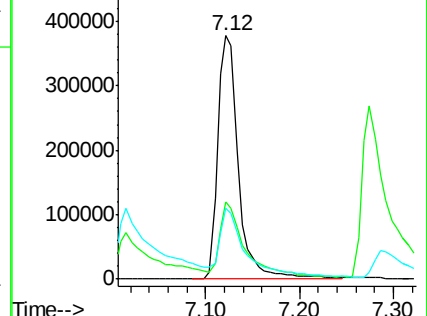
79 29.2 0.0 29.6

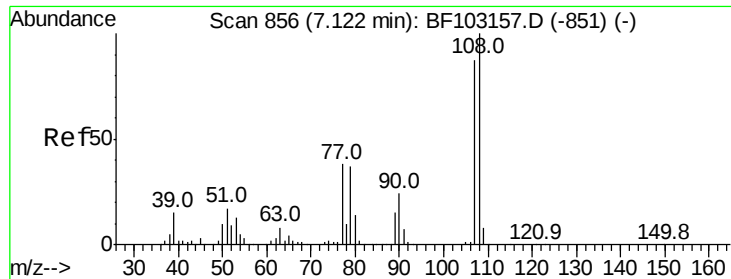


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 39.110 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF103619.D

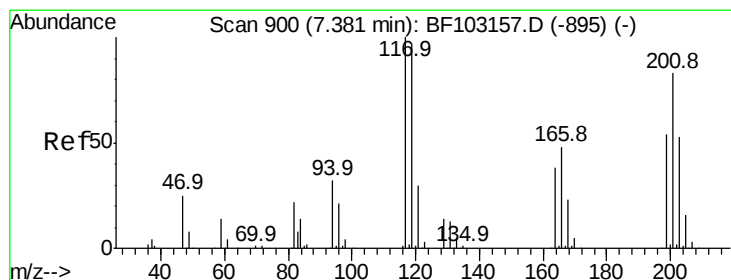
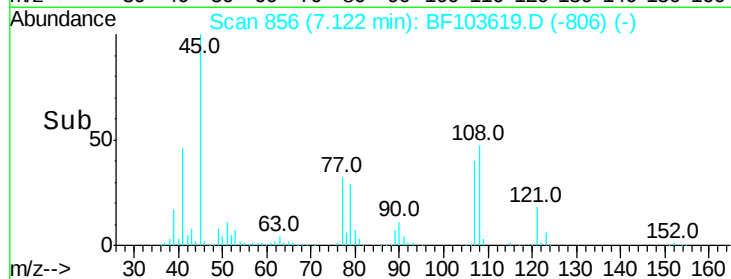
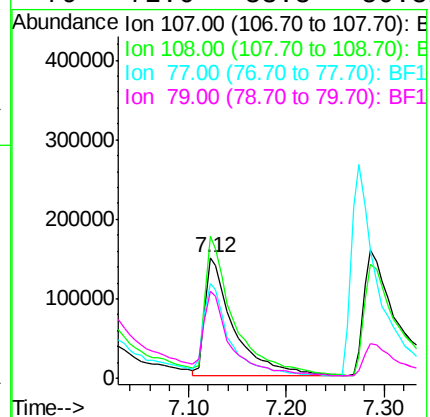
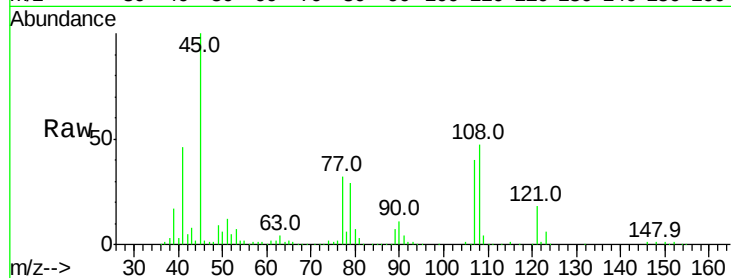
Acq: 13 Mar 2018 21:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	107	Resp:	306015
Ion	Ratio	Lower	Upper
107	100		
108	117.3	91.7	137.5
77	79.0	33.8	50.8#
79	72.6	33.8	50.8#



#18

Hexachloroethane

Concen: 38.025 ng

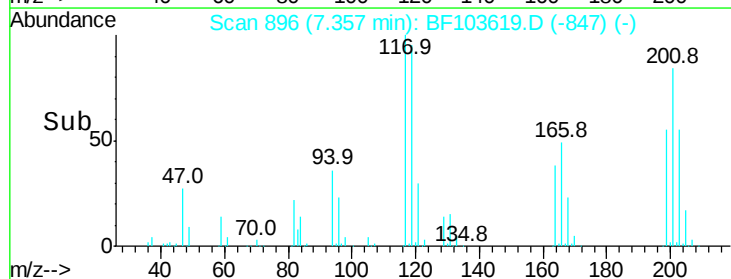
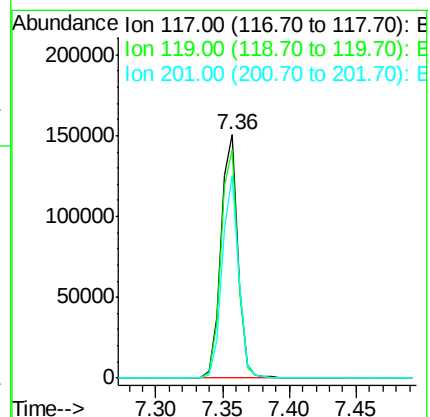
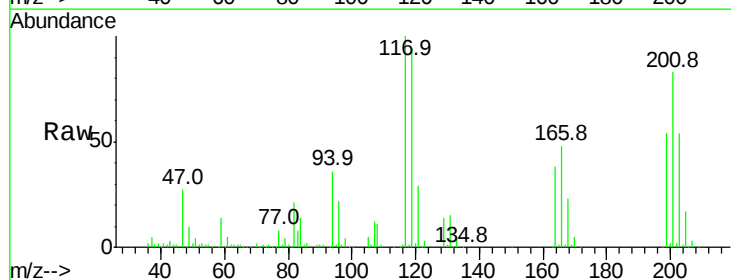
RT: 7.36 min Scan# 896

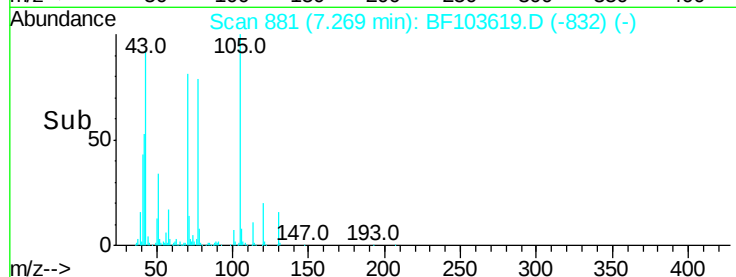
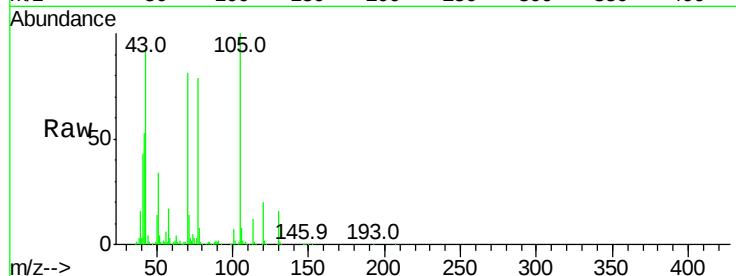
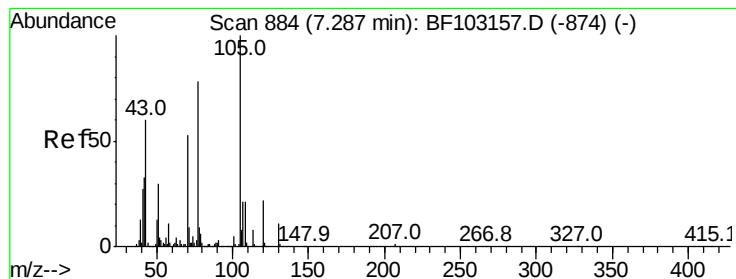
Delta R.T. -0.01 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

Tgt Ion:	117	Resp:	136556
Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.8	113.8
201	83.2	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 45.075 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 284510

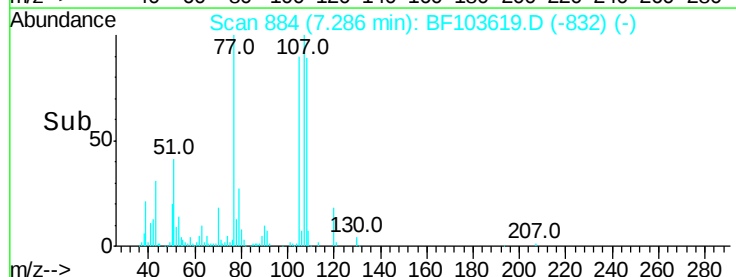
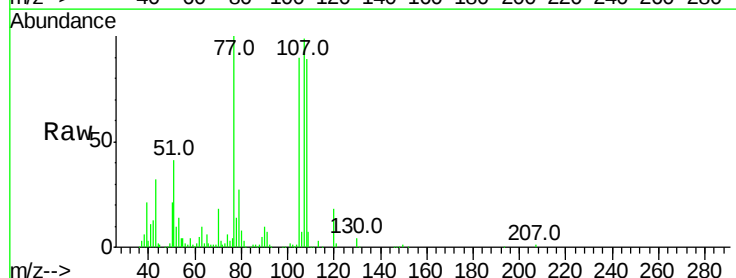
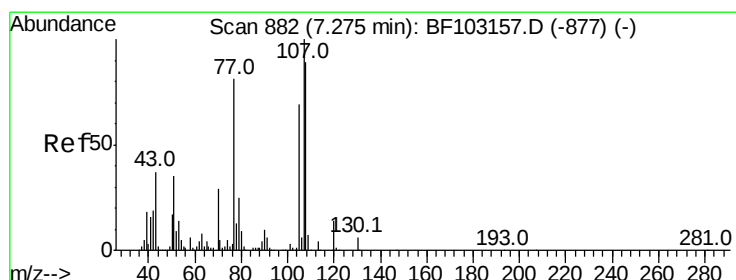
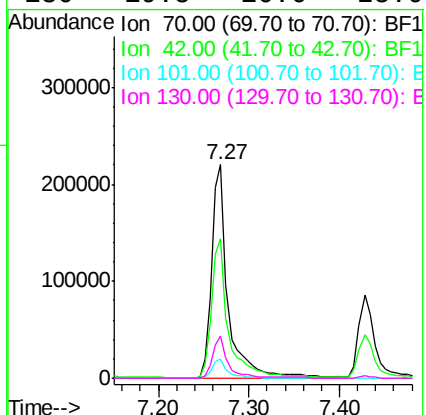
Ion Ratio Lower Upper

70 100

42 65.5 47.5 71.3

101 9.2 7.4 11.2

130 19.5 16.6 25.0



#20

3+4-Methylphenols

Concen: 43.607 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.01 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

Tgt Ion: 107 Resp: 415929

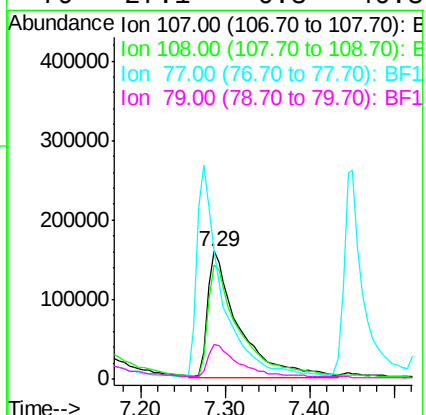
Ion Ratio Lower Upper

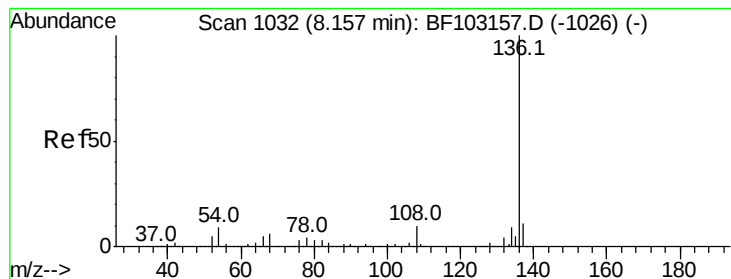
107 100

108 89.0 68.2 108.2

77 100.5 26.7 66.7#

79 27.1 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 545135

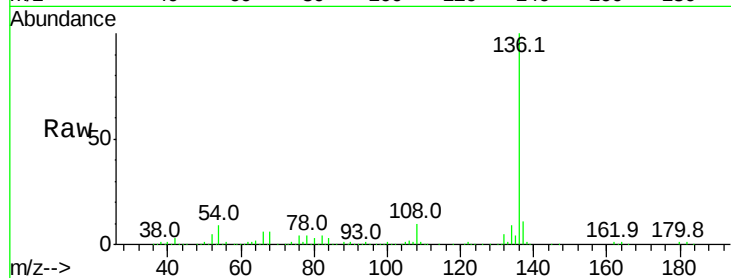
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.2 6.6 9.8

68 6.3 5.0 7.4

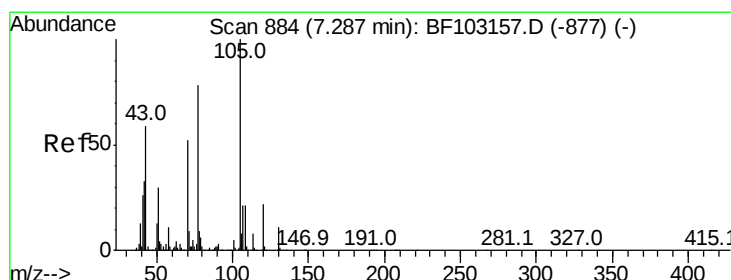
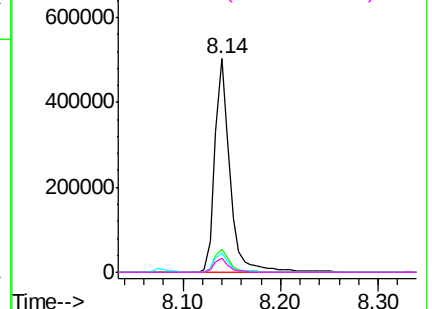
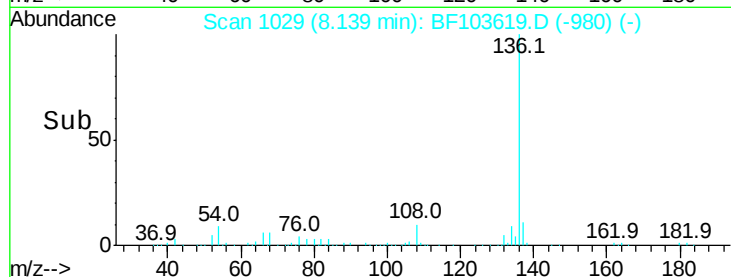


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.503 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

Tgt Ion:105 Resp: 540821

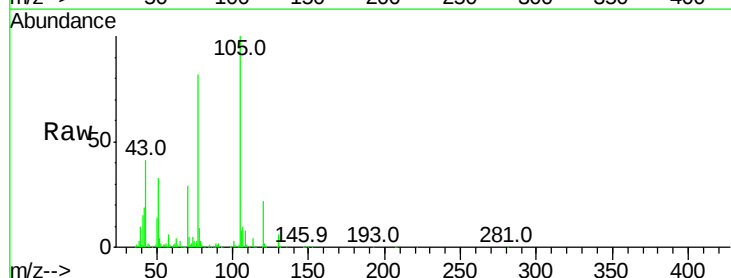
Ion Ratio Lower Upper

105 100

71 4.8 4.4 6.6

51 33.2 22.3 33.5

120 21.6 16.9 25.3

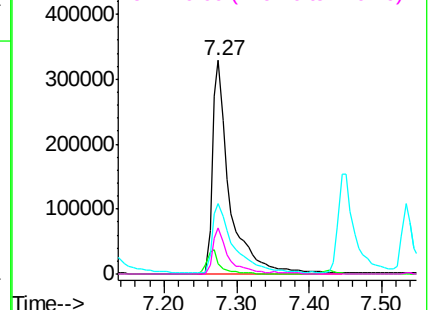
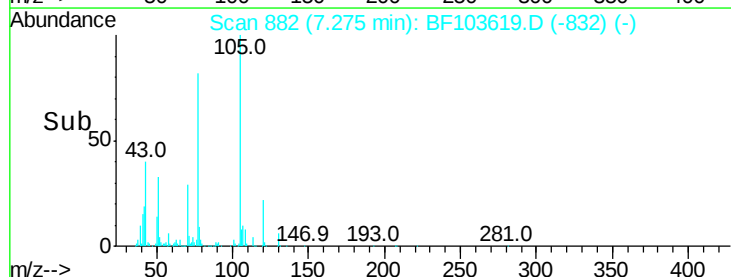


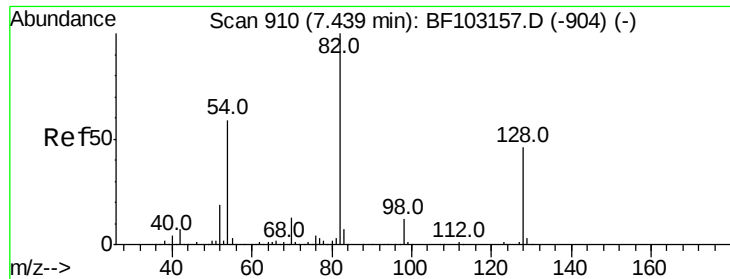
Abundance Ion 105.00 (104.70 to 105.70): E

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

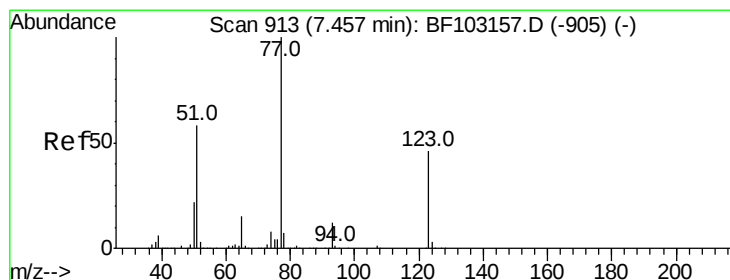
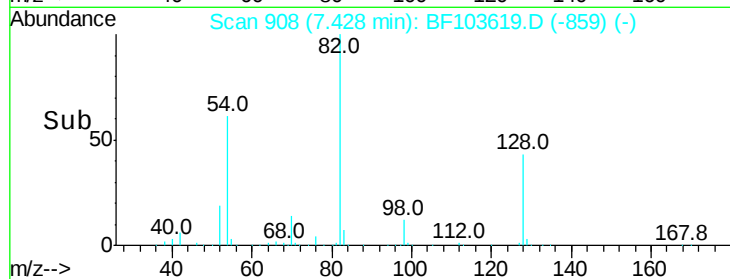
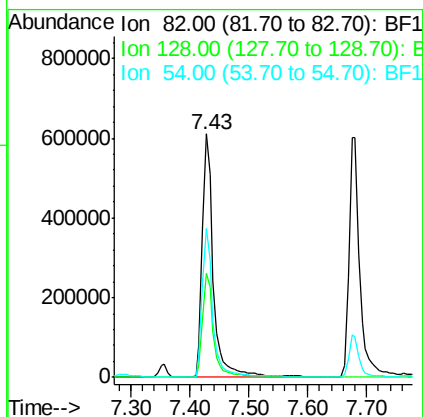
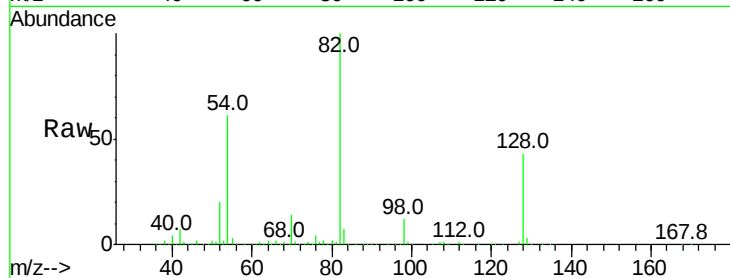




#23
Nitrobenzene-d5
Concen: 83.964 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103619.D
Acq: 13 Mar 2018 21:56

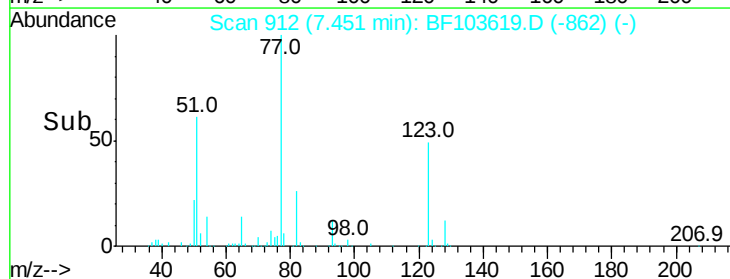
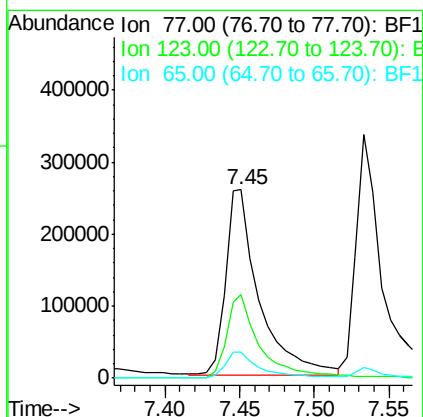
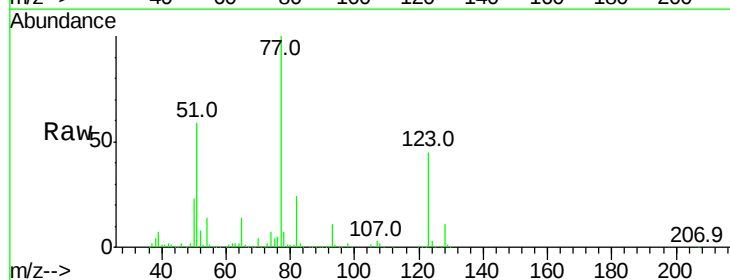
Instrument :
BNA_F
ClientSampleId :

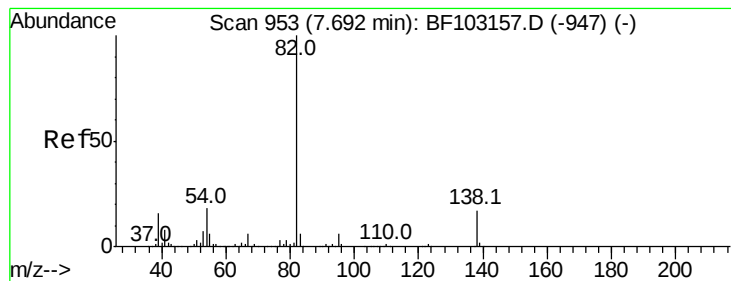
Tot Ion: 82 Resp: 801485
Ion Ratio Lower Upper
82 100
128 43.0 36.1 54.1
54 61.3 41.4 62.2



#24
Nitrobenzene
Concen: 39.126 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF103619.D
Acq: 13 Mar 2018 21:56

Tgt Ion: 77 Resp: 411198
Ion Ratio Lower Upper
77 100
123 44.6 37.9 56.9
65 13.7 11.0 16.4





#25

Isophorone

Concen: 41.875 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

Instrument :

BNA_F

ClientSampleId :

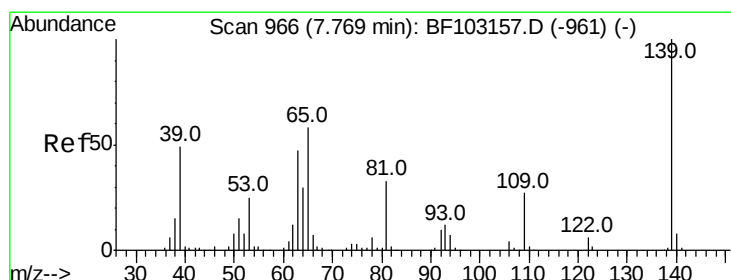
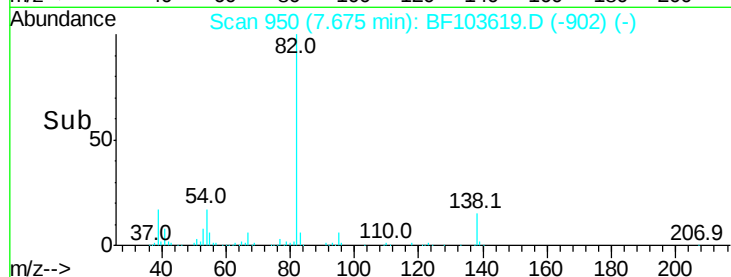
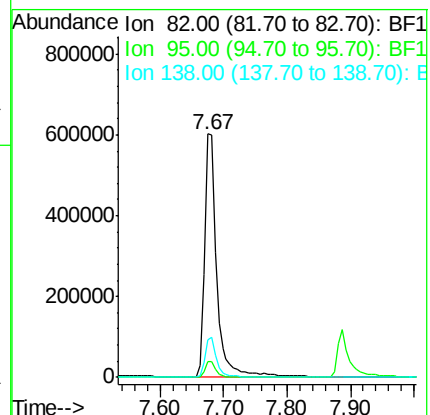
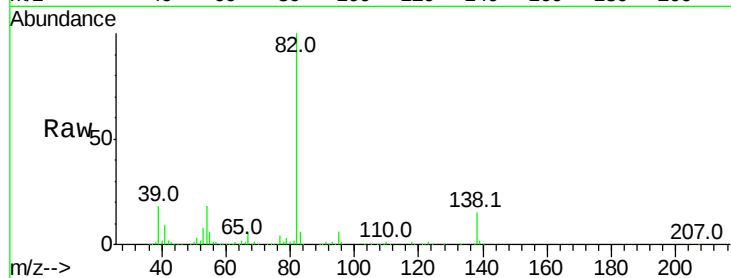
Tot Ion: 82 Resp: 787265

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 15.3 14.9 22.3



#26

2-Nitrophenol

Concen: 41.629 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

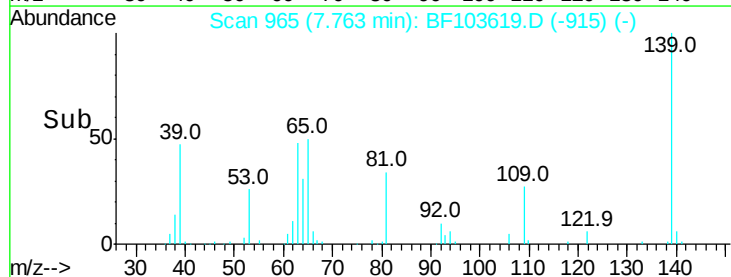
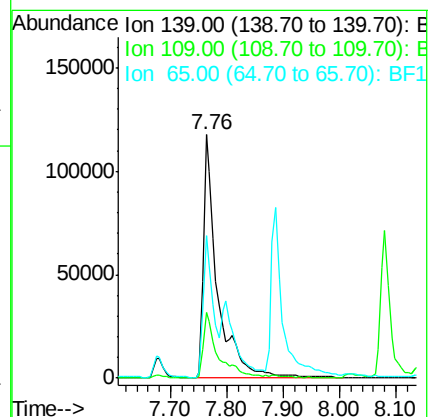
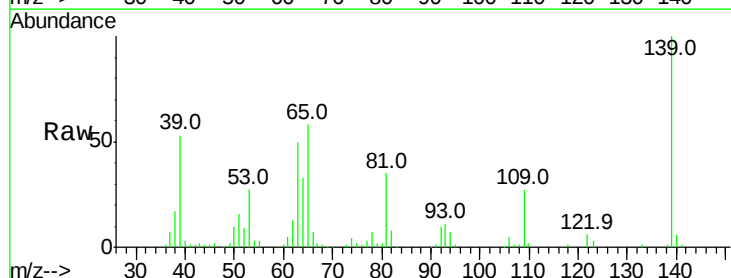
Tgt Ion: 139 Resp: 205964

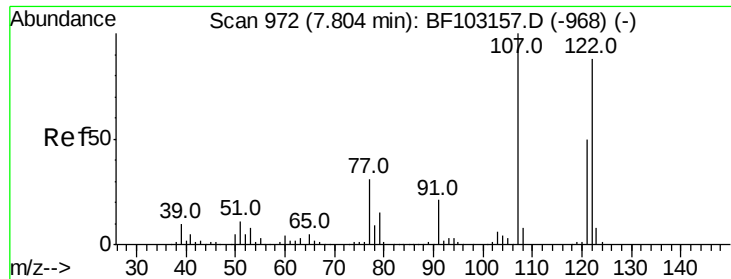
Ion Ratio Lower Upper

139 100

109 26.8 22.7 34.1

65 58.3 40.5 60.7

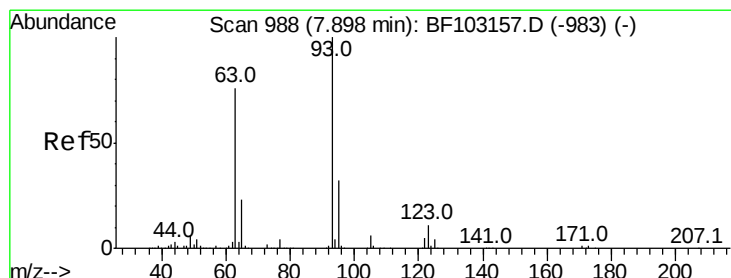
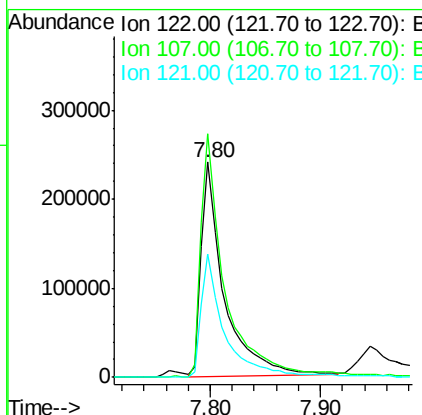
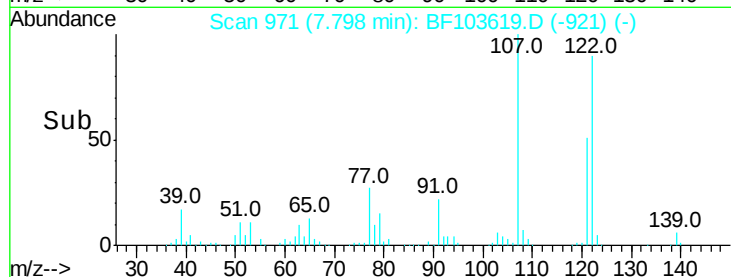
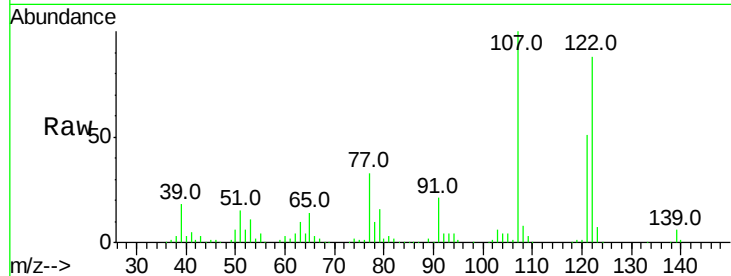




#27
2,4-Dimethylphenol
Concen: 44.834 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF103619.D
Acq: 13 Mar 2018 21:56

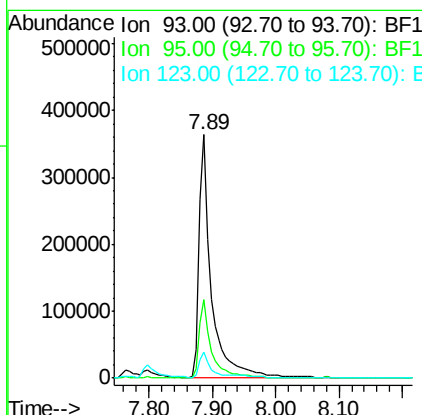
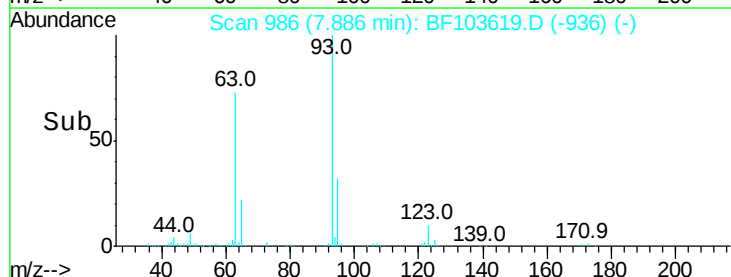
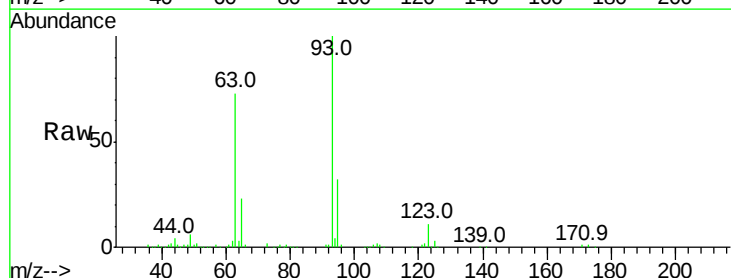
Instrument :
BNA_F
ClientSampleId :

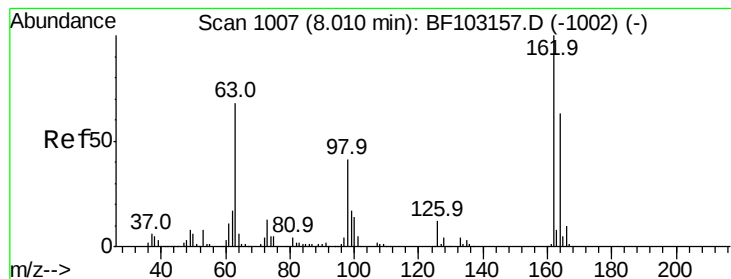
Tot Ion:122 Resp: 339063
Ion Ratio Lower Upper
122 100
107 113.1 91.2 136.8
121 57.2 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 43.722 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF103619.D
Acq: 13 Mar 2018 21:56

Tgt Ion: 93 Resp: 483280
Ion Ratio Lower Upper
93 100
95 32.1 26.3 39.5
123 10.5 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 42.191 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

Instrument :

BNA_F

ClientSampleId :

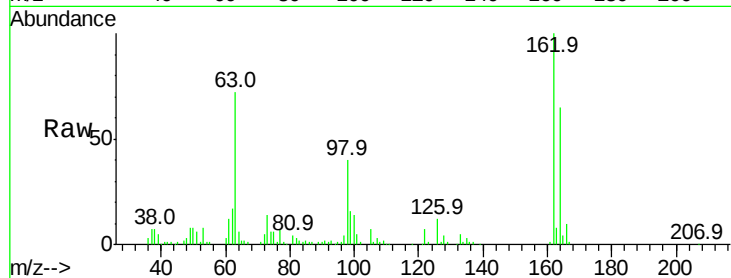
Tot Ion:162 Resp: 305479

Ion Ratio Lower Upper

162 100

164 64.5 42.7 82.7

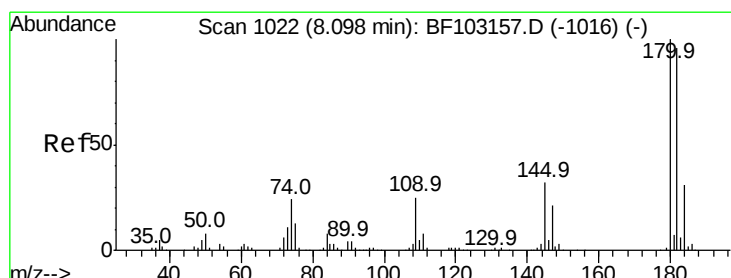
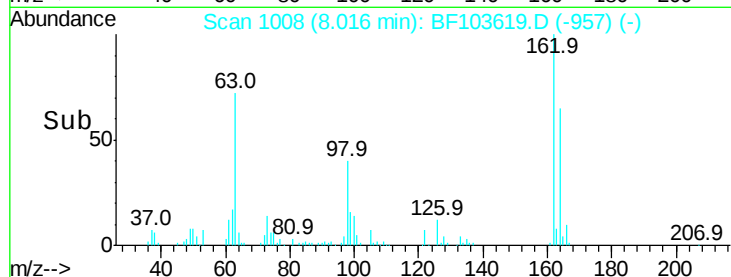
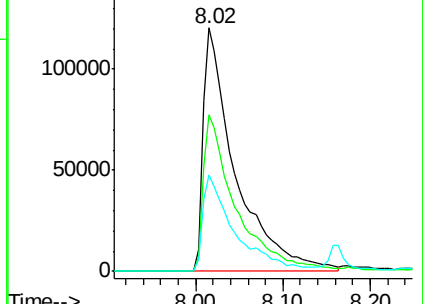
98 39.6 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 38.008 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

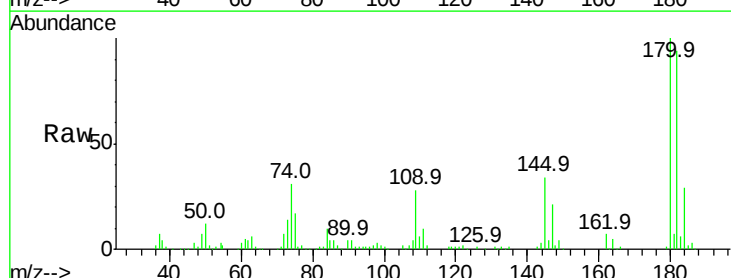
Tgt Ion:180 Resp: 293051

Ion Ratio Lower Upper

180 100

182 94.2 76.8 115.2

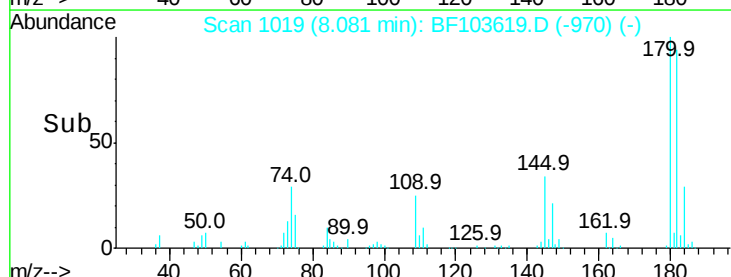
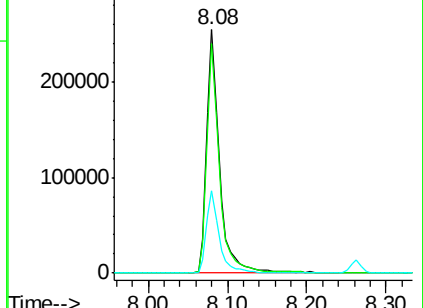
145 33.9 26.5 39.7

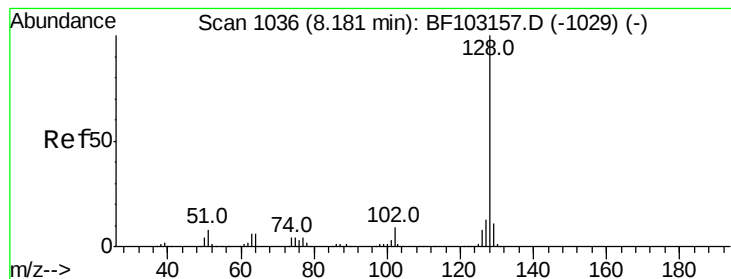


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.188 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

Instrument :

BNA_F

ClientSampleId :

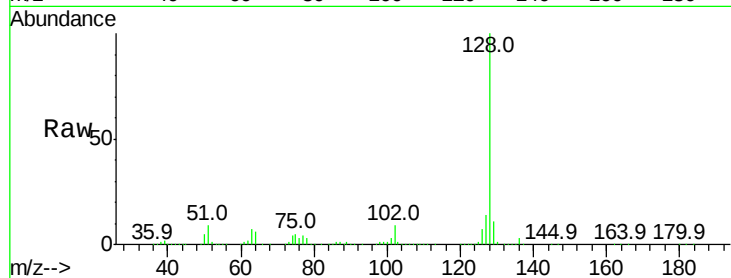
Tot Ion:128 Resp: 1072579

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

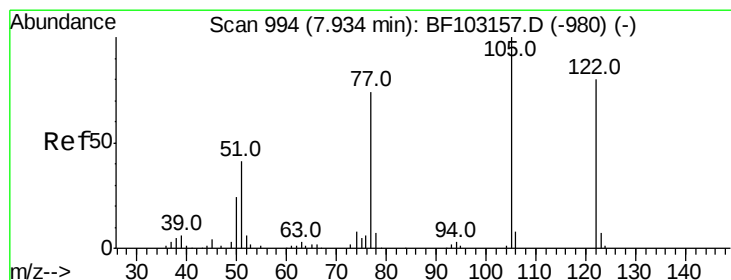
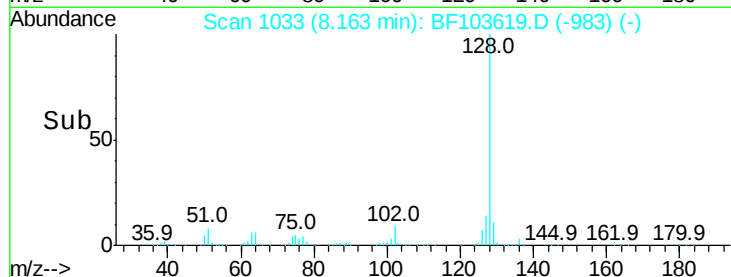
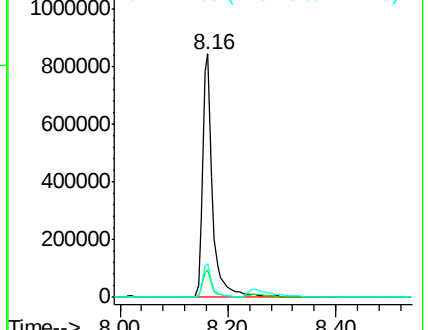
127 13.6 10.9 16.3



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: 18.171 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.02 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

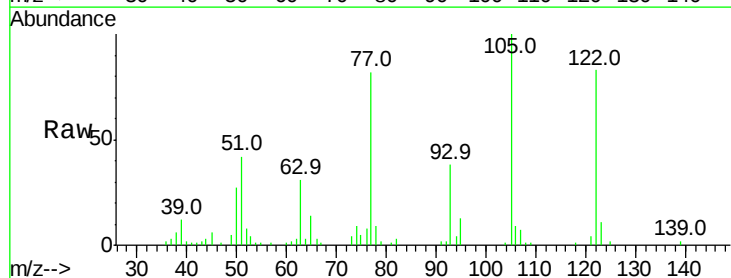
Tgt Ion:122 Resp: 73787

Ion Ratio Lower Upper

122 100

105 120.4 101.1 141.1

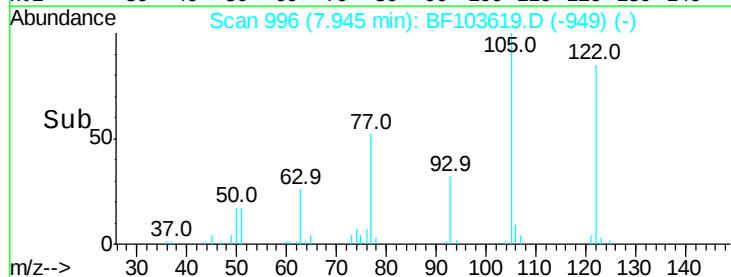
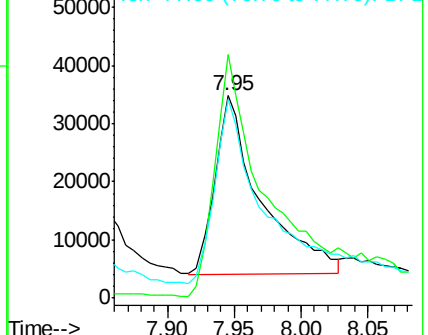
77 98.2 70.7 110.7

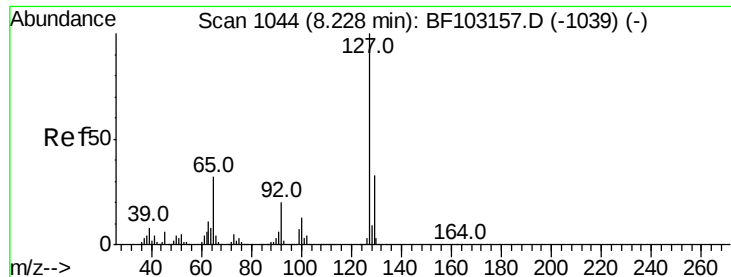


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

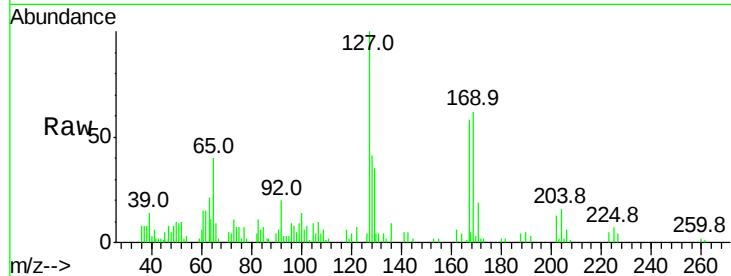




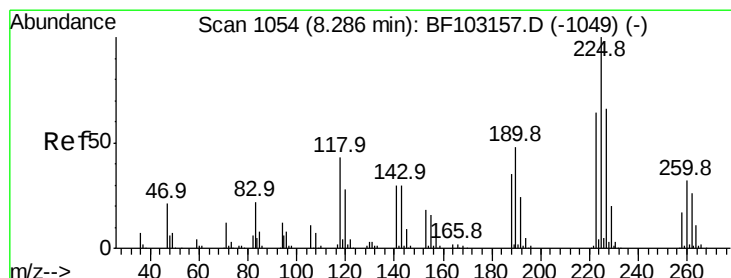
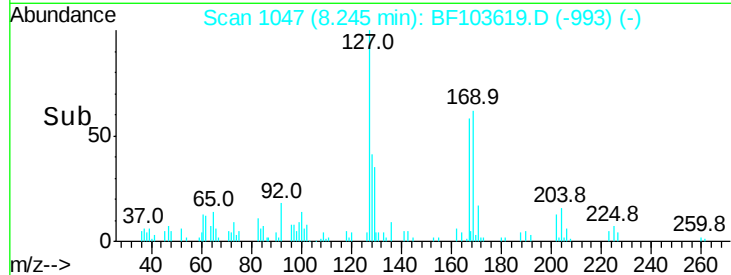
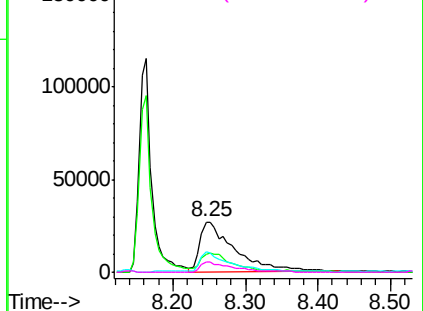
#33
 4-Chloroaniline
 Concen: 7.780 ng
 RT: 8.25 min Scan# 1047
 Delta R.T. 0.02 min
 Lab File: BF103619.D
 Acq: 13 Mar 2018 21:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	89600
Ion	Ratio	Lower	Upper
127	100		
129	35.3	25.9	38.9
65	39.6	25.0	37.4
92	19.6	15.2	22.8

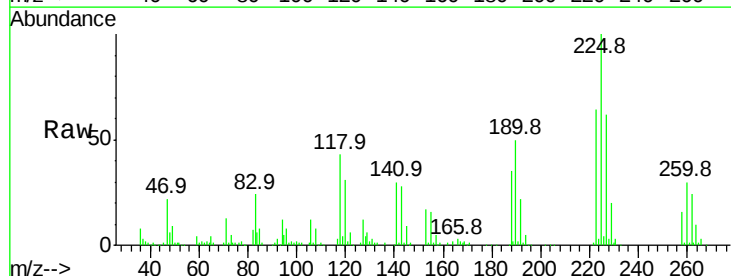


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

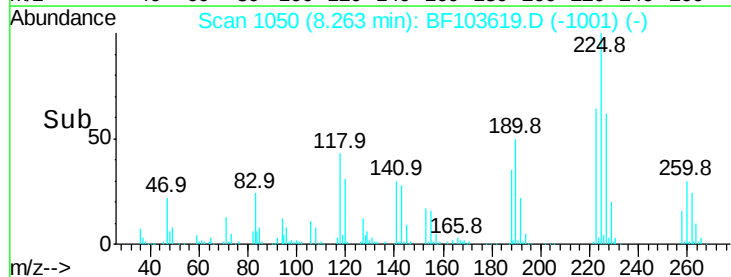
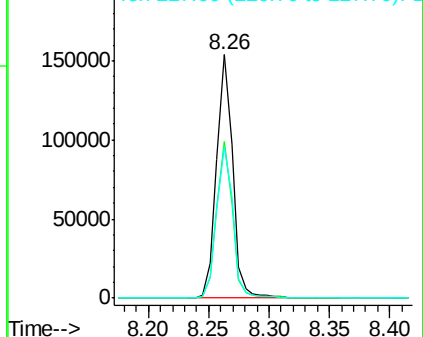


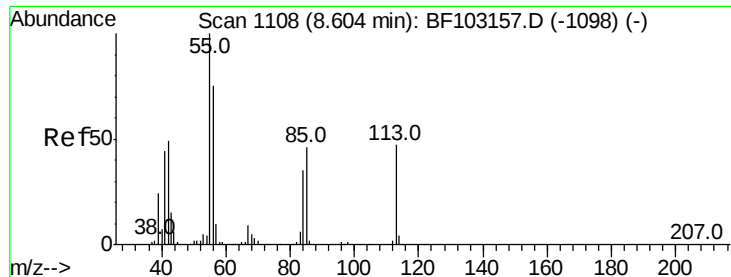
#34
 Hexachlorobutadiene
 Concen: 35.262 ng
 RT: 8.26 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF103619.D
 Acq: 13 Mar 2018 21:56

Tgt Ion:	225	Resp:	141580
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.6	76.0
227	62.0	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 19.135 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

Instrument :

BNA_F

ClientSampleId :

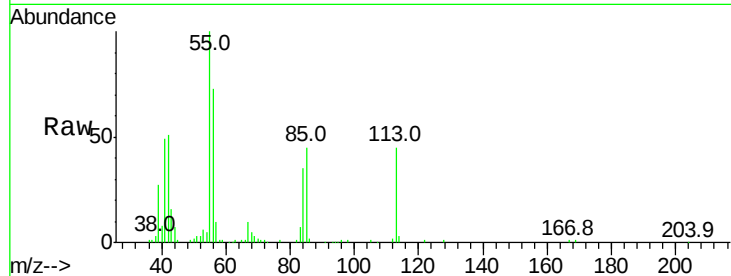
Tot Ion:113 Resp: 48692

Ion Ratio Lower Upper

113 100

55 222.0 163.3 203.3#

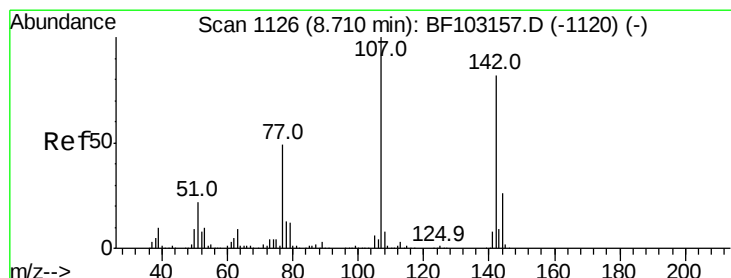
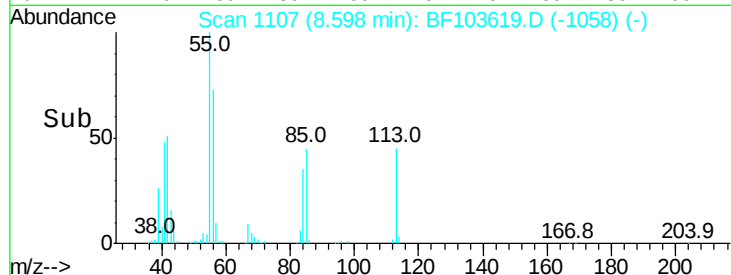
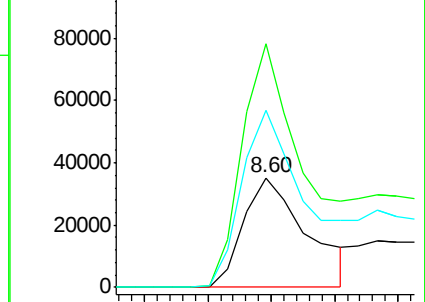
56 161.6 115.7 155.7#



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: 43.249 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

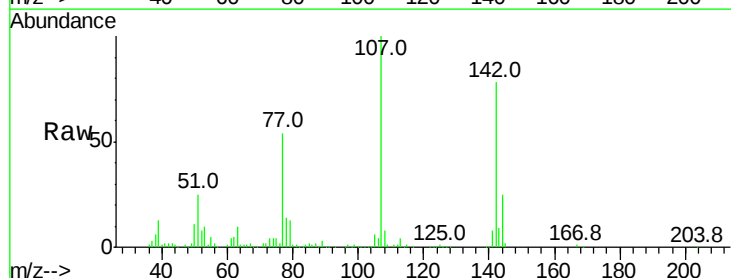
Tgt Ion:107 Resp: 353199

Ion Ratio Lower Upper

107 100

144 25.0 20.5 30.7

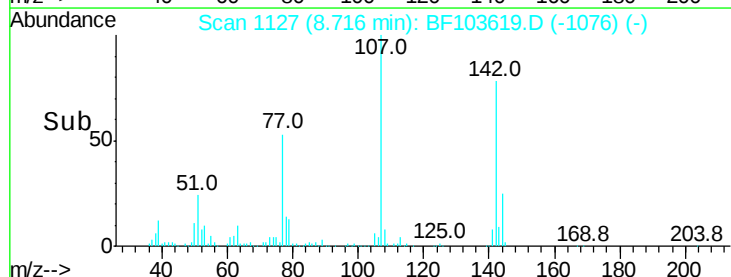
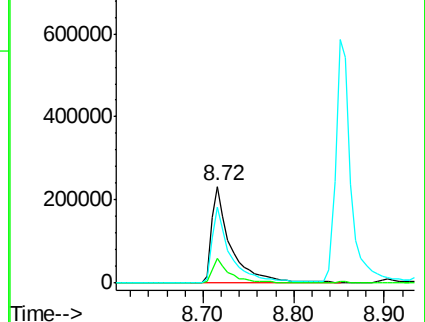
142 78.2 62.0 93.0

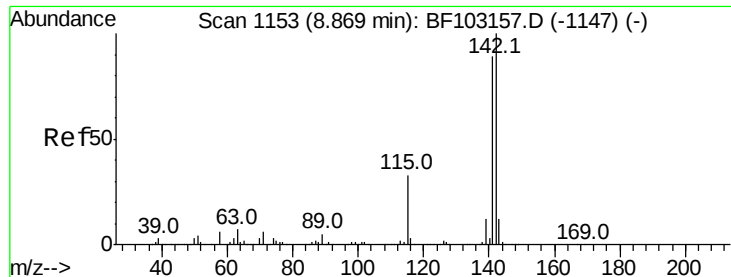


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

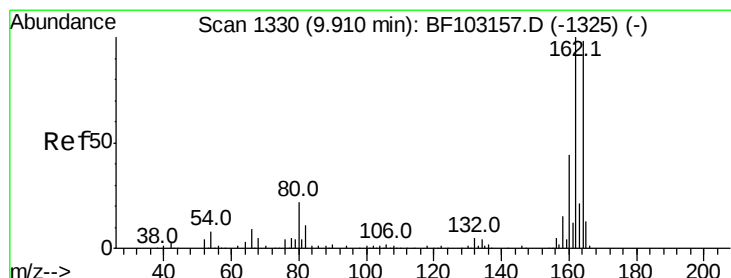
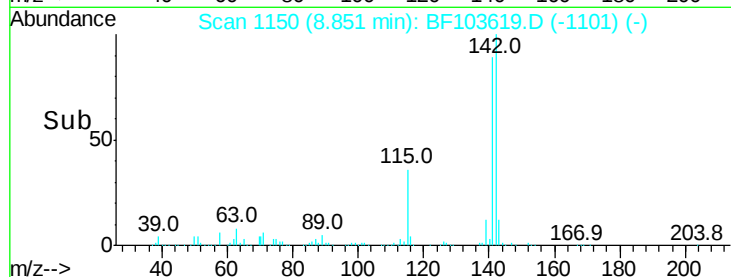
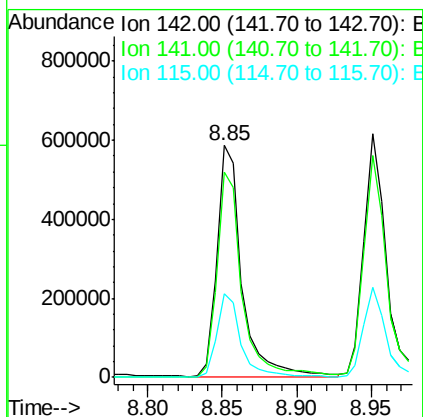
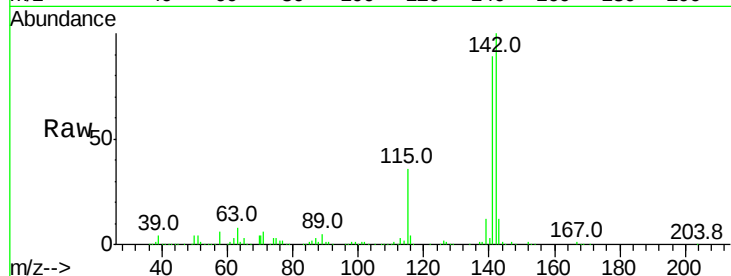




#37
 2-Methylnaphthalene
 Concen: 39.886 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF103619.D
 Acq: 13 Mar 2018 21:56

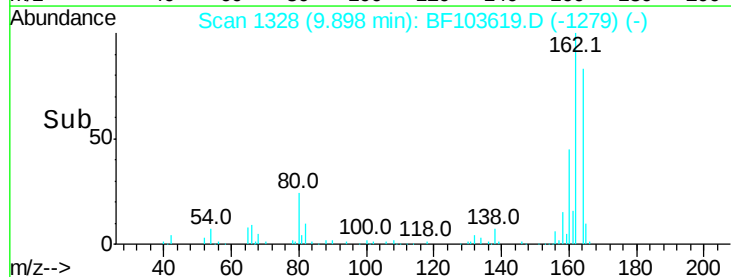
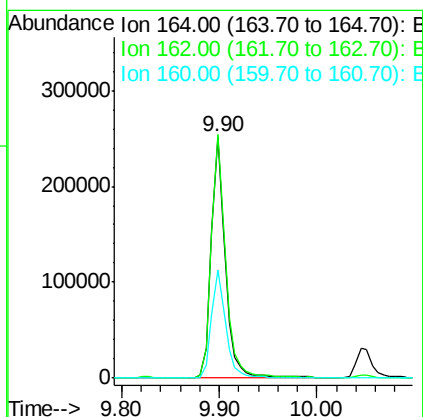
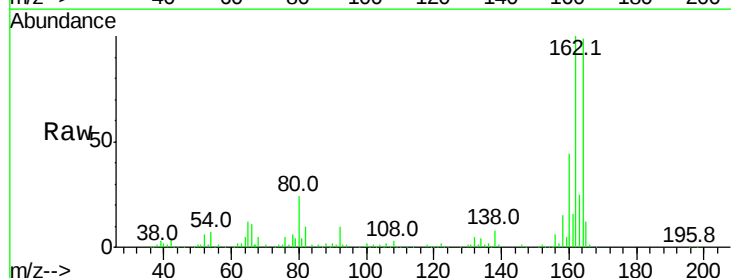
Instrument :
 BNA_F
 ClientSampleId :

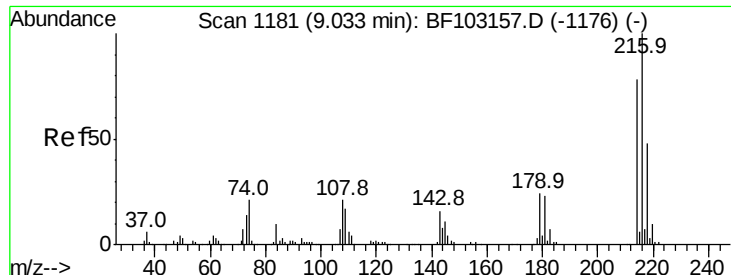
Tot Ion:142 Resp: 687964
 Ion Ratio Lower Upper
 142 100
 141 88.5 70.8 106.2
 115 36.0 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF103619.D
 Acq: 13 Mar 2018 21:56

Tgt Ion:164 Resp: 254977
 Ion Ratio Lower Upper
 164 100
 162 100.7 86.1 129.1
 160 44.4 38.3 57.5

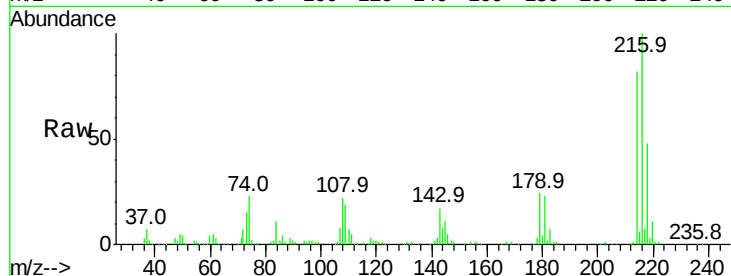




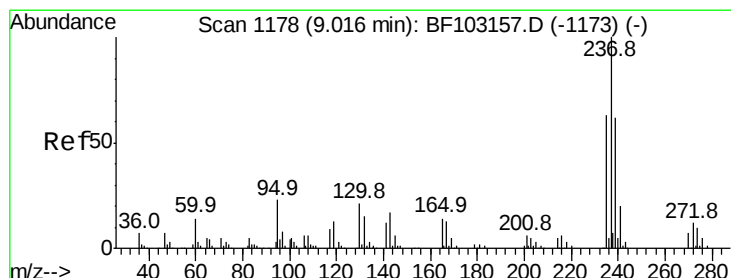
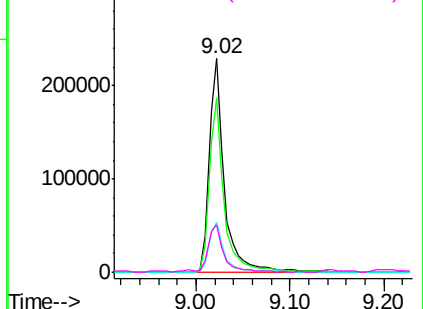
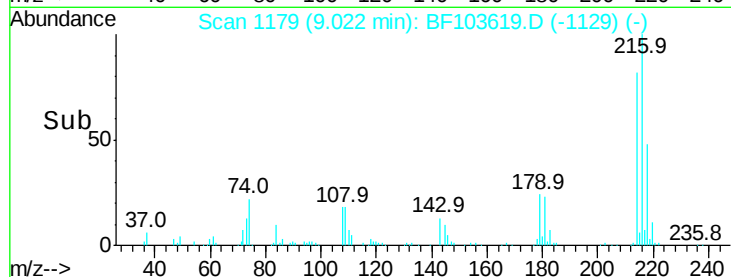
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.233 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF103619.D
 Acq: 13 Mar 2018 21:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	259537
Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.0	94.4
179	24.0	18.1	27.1
108	22.8	17.2	25.8

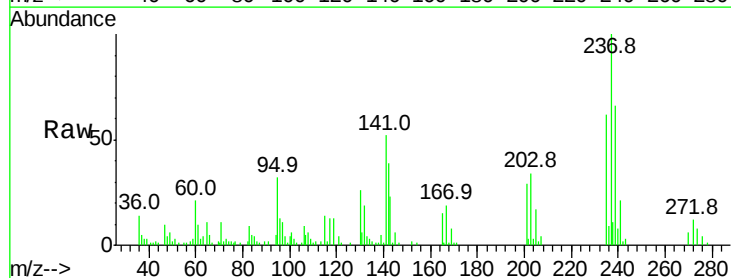


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

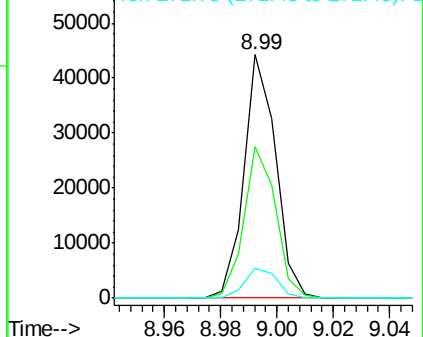
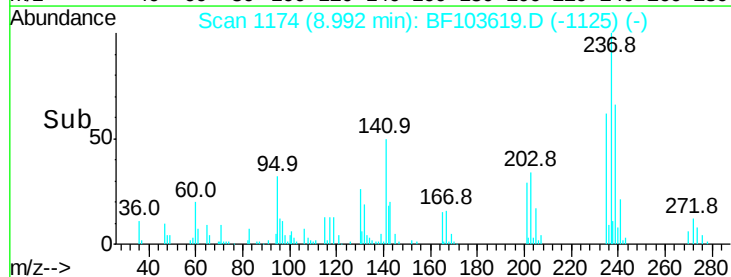


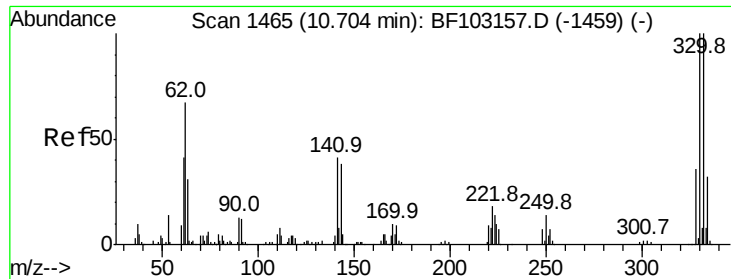
#40
 Hexachlorocyclopentadiene
 Concen: 21.378 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF103619.D
 Acq: 13 Mar 2018 21:56

Tgt Ion:	237	Resp:	34538
Ion	Ratio	Lower	Upper
237	100		
235	62.0	44.8	84.8
272	12.2	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

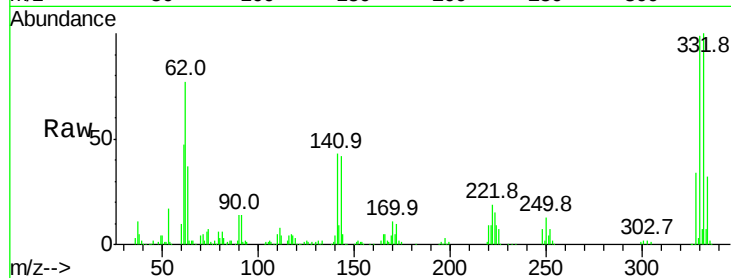




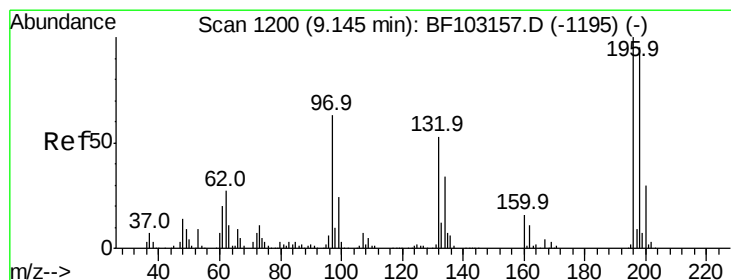
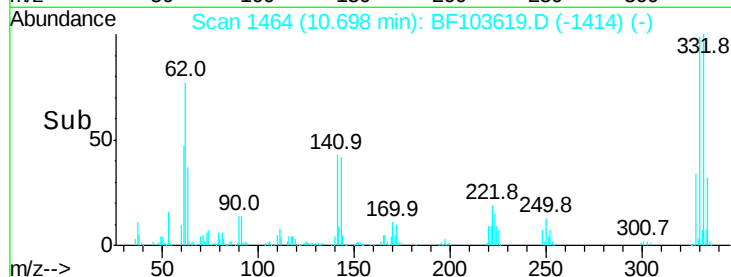
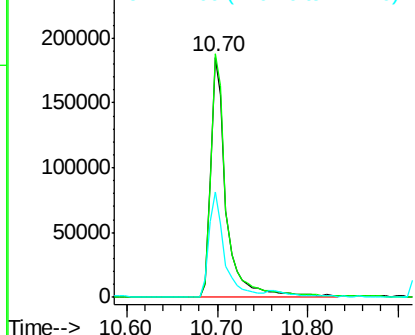
#41
 2,4,6-Tribromophenol
 Concen: 104.758 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103619.D
 Acq: 13 Mar 2018 21:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 226094
 Ion Ratio Lower Upper
 330 100
 332 102.4 77.0 115.6
 141 44.1 29.9 44.9

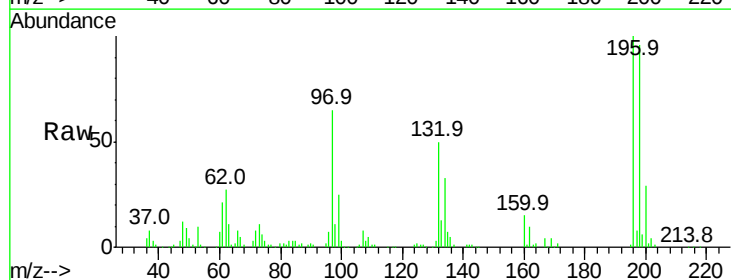


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

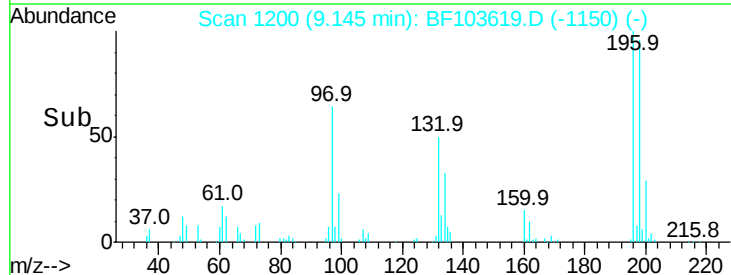
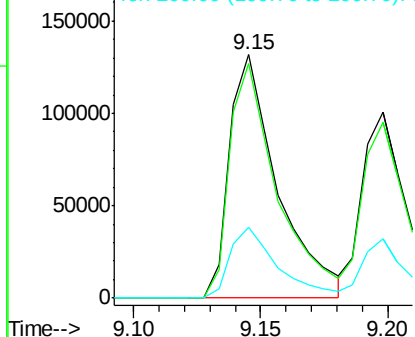


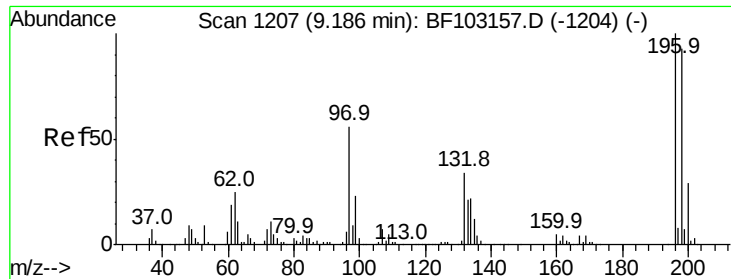
#42
 2,4,6-Trichlorophenol
 Concen: 37.091 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF103619.D
 Acq: 13 Mar 2018 21:56

Tgt Ion:196 Resp: 173968
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.7 113.5
 200 29.0 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

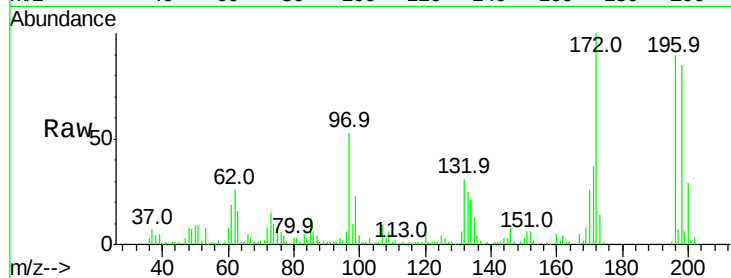




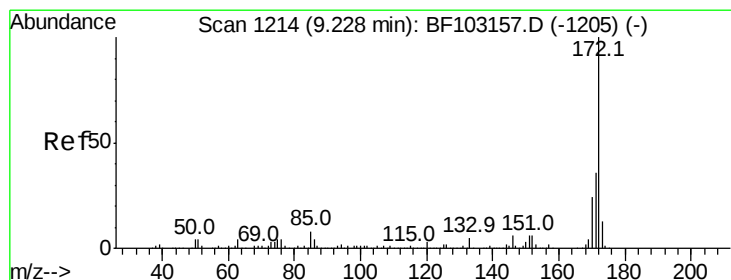
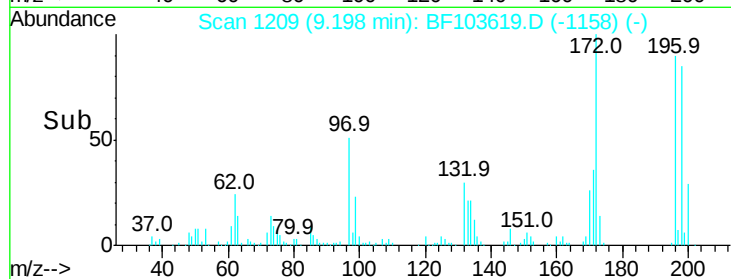
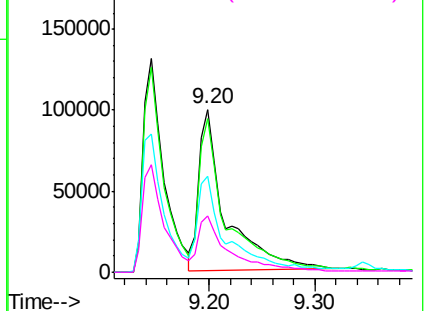
#43
 2,4,5-Trichlorophenol
 Concen: 32.794 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF103619.D
 Acq: 13 Mar 2018 21:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 176907
 Ion Ratio Lower Upper
 196 100
 198 94.7 74.6 112.0
 97 59.1 42.9 64.3
 132 34.7 26.3 39.5

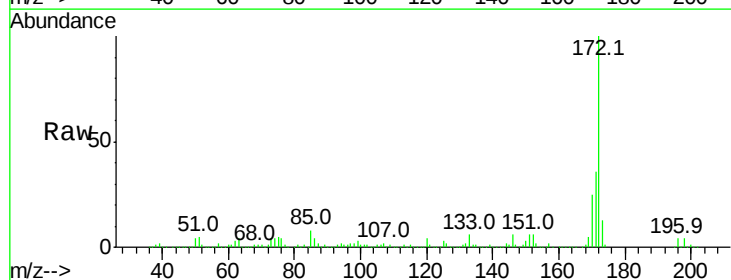


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

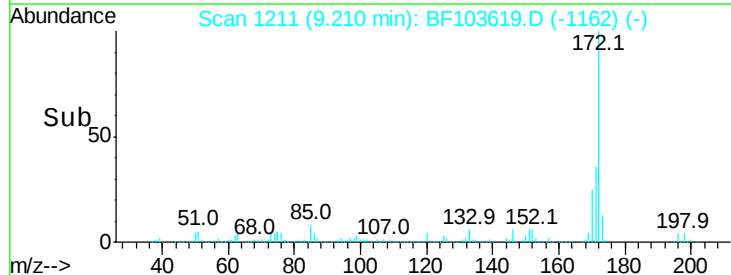
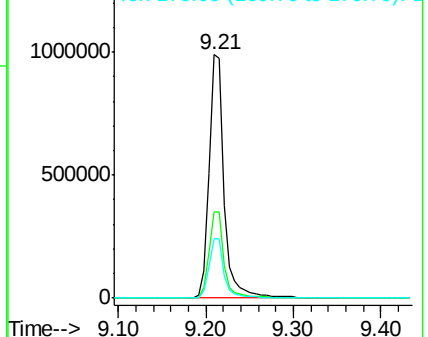


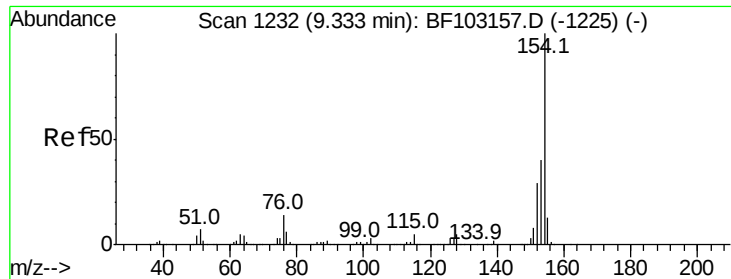
#44
 2-Fluorobiphenyl
 Concen: 78.851 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103619.D
 Acq: 13 Mar 2018 21:56

Tgt Ion:172 Resp: 1187558
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 24.5 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

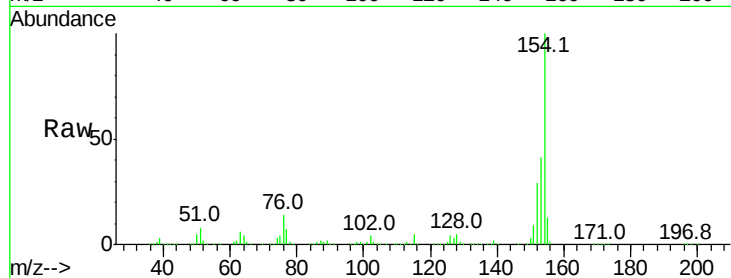




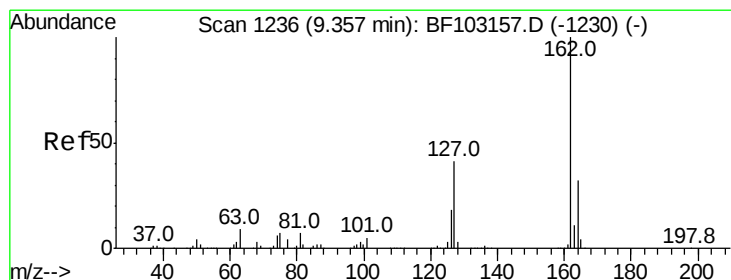
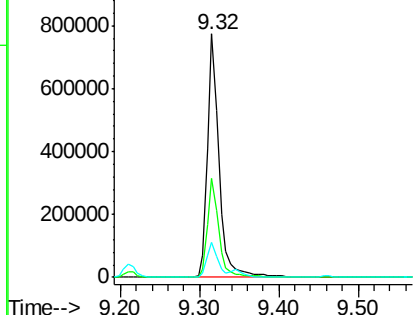
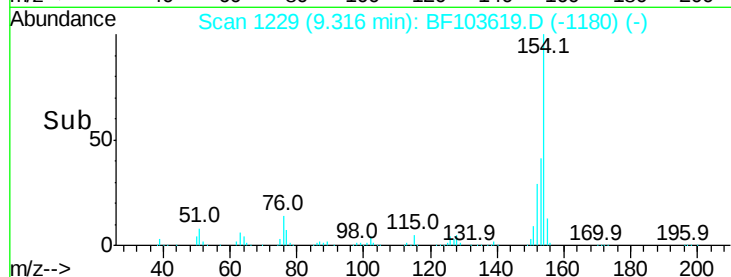
#45
 1,1'-Biphenyl
 Concen: 37.308 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF103619.D
 Acq: 13 Mar 2018 21:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.3	61.3
76	14.4	0.0	34.0

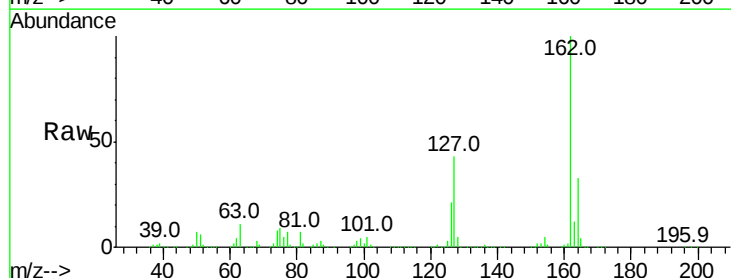


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

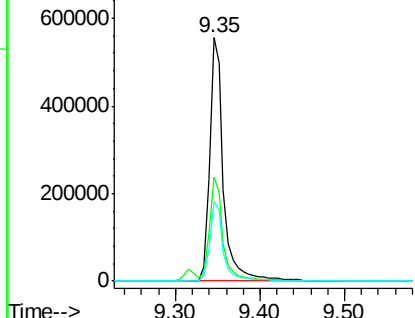
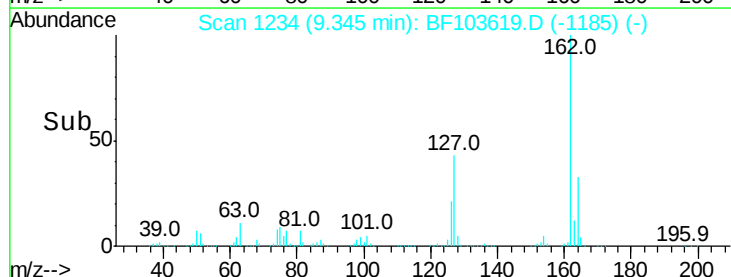


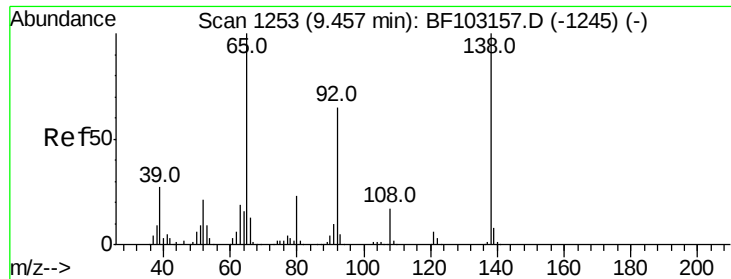
#46
 2-Chloronaphthalene
 Concen: 37.887 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF103619.D
 Acq: 13 Mar 2018 21:56

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.7	33.9	50.9
164	32.9	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: 42.846 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

Instrument :

BNA_F

ClientSampleId :

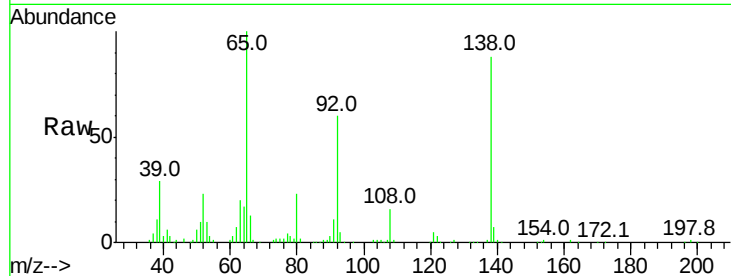
Tot Ion: 65 Resp: 268269

Ion Ratio Lower Upper

65 100

92 60.2 55.8 83.6

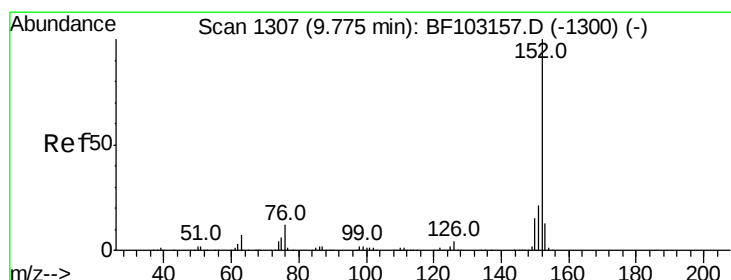
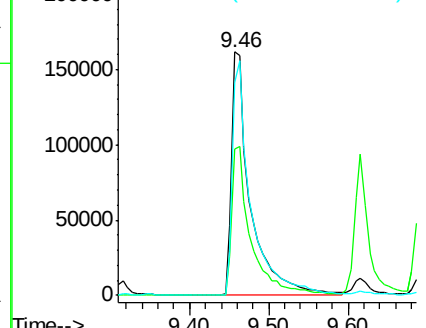
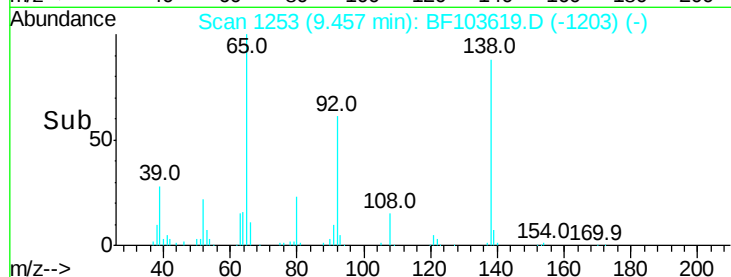
138 87.7 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 36.478 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

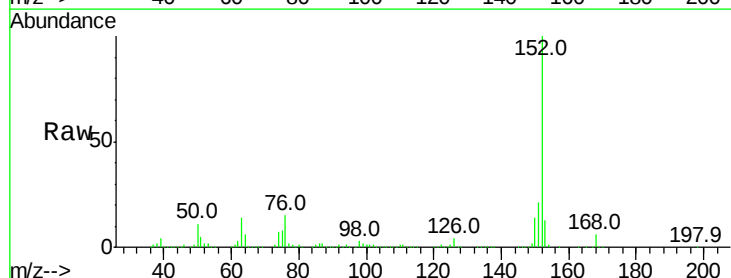
Tgt Ion: 152 Resp: 948684

Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

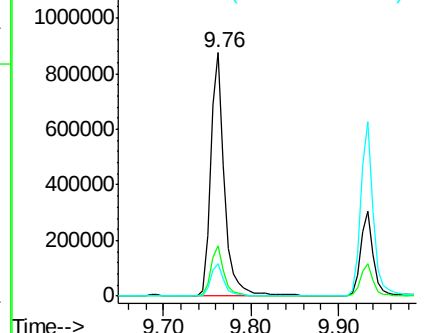
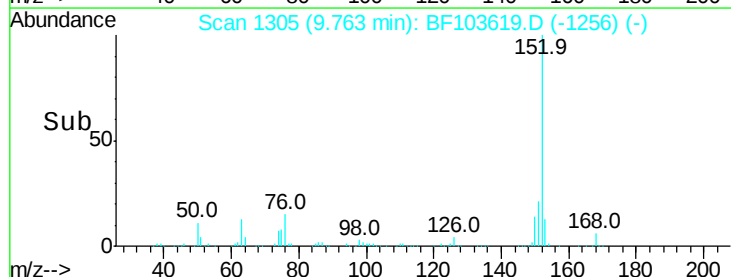
153 13.3 10.7 16.1

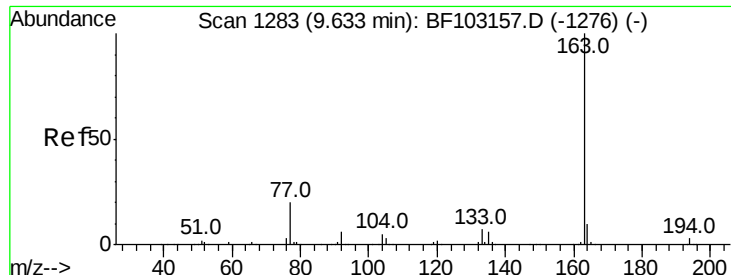


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 35.393 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

Instrument :

BNA_F

ClientSampleId :

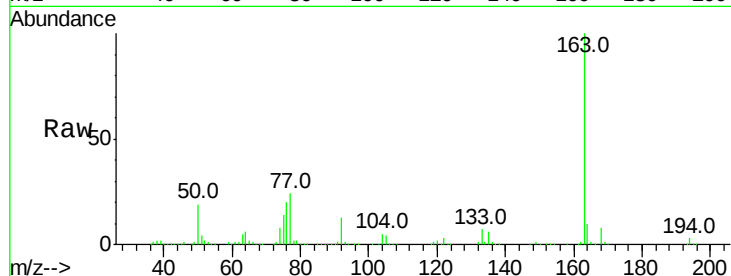
Tot Ion:163 Resp: 723947

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

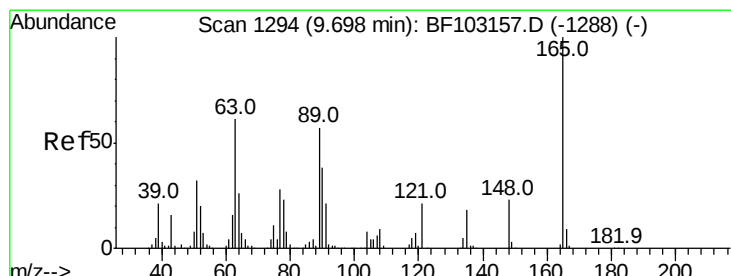
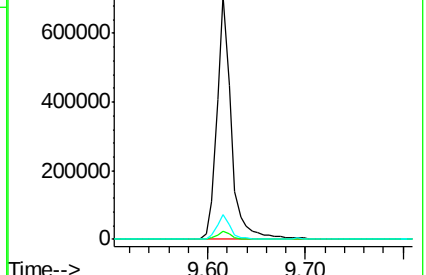
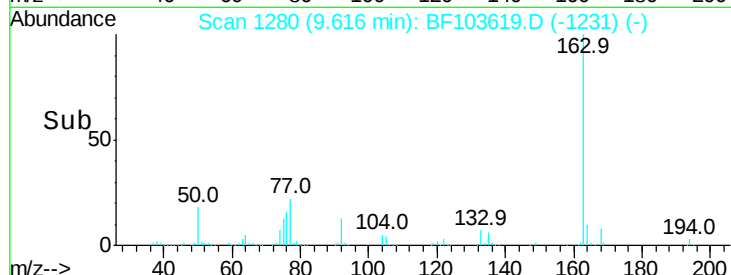
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.245 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

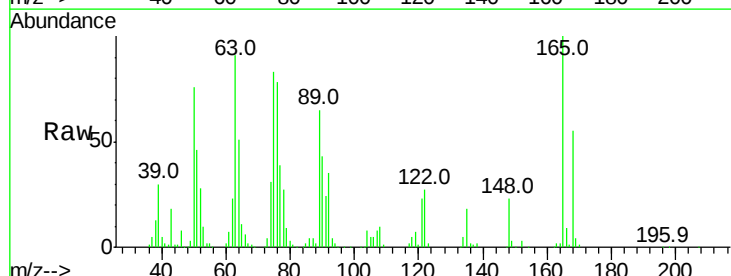
Tgt Ion:165 Resp: 159872

Ion Ratio Lower Upper

165 100

63 91.2 44.7 67.1#

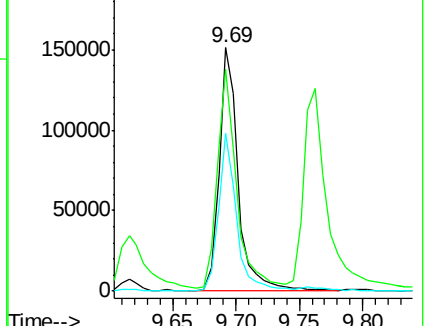
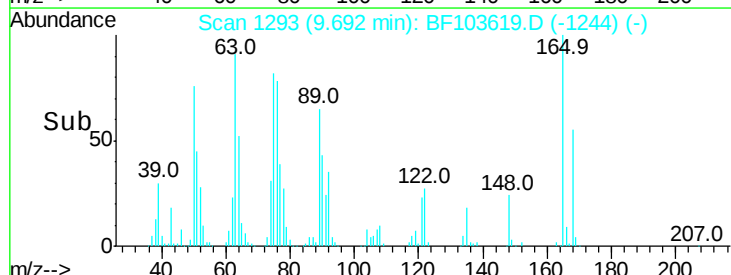
89 65.0 44.0 66.0

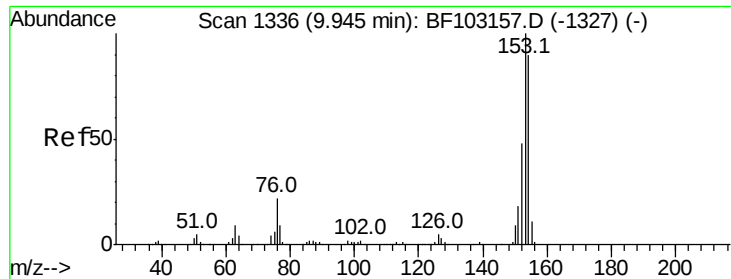


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 36.562 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

Instrument :

BNA_F

ClientSampleId :

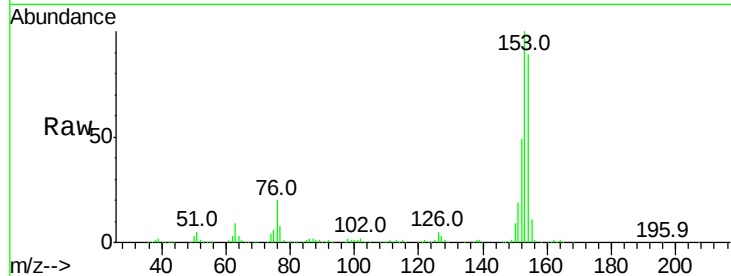
Tot Ion:154 Resp: 554472

Ion Ratio Lower Upper

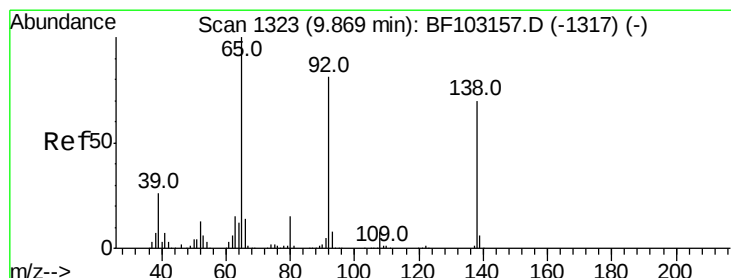
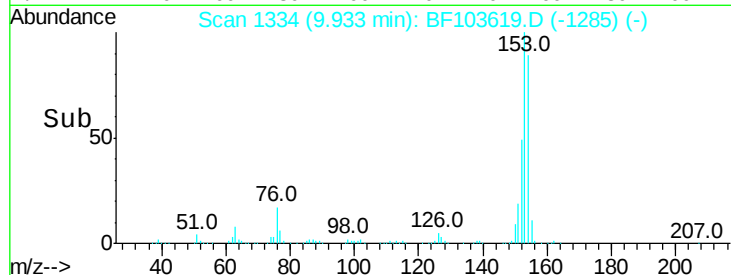
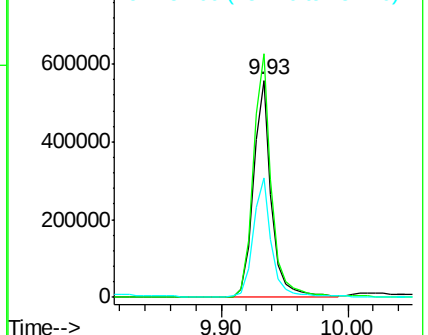
154 100

153 112.1 91.2 136.8

152 54.9 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: 13.172 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

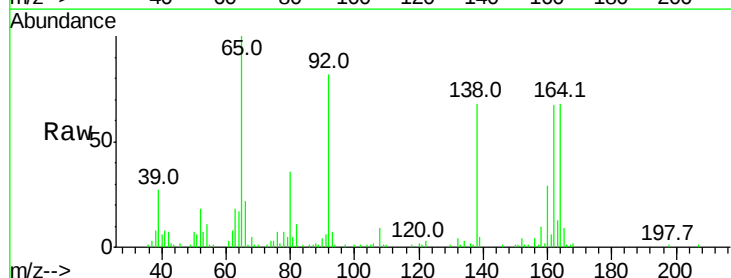
Tgt Ion:138 Resp: 71733

Ion Ratio Lower Upper

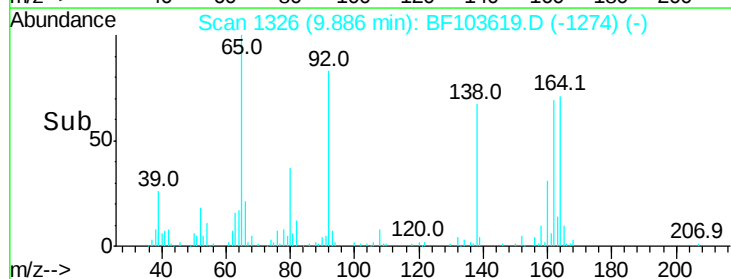
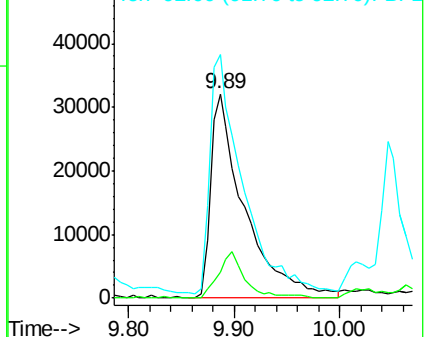
138 100

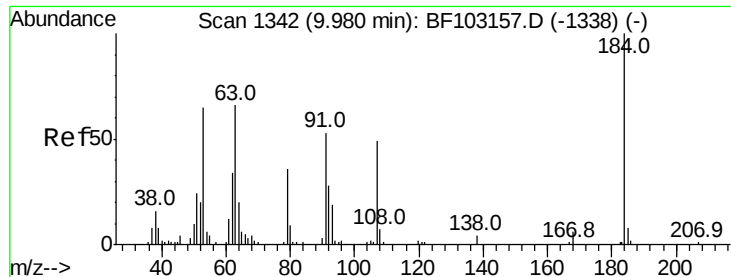
108 12.7 9.4 14.0

92 119.2 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

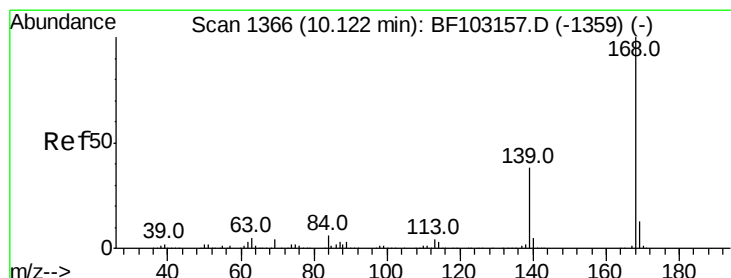
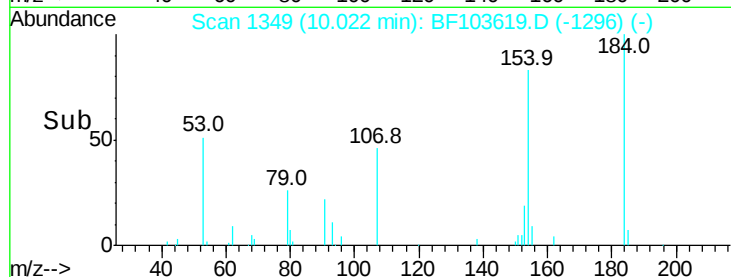
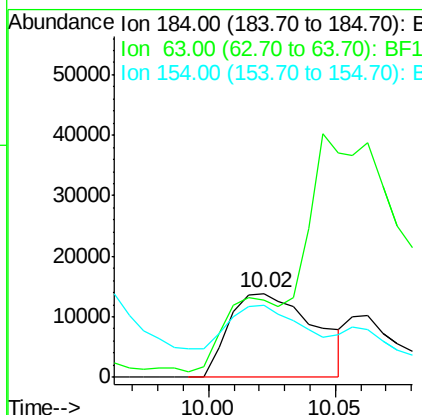
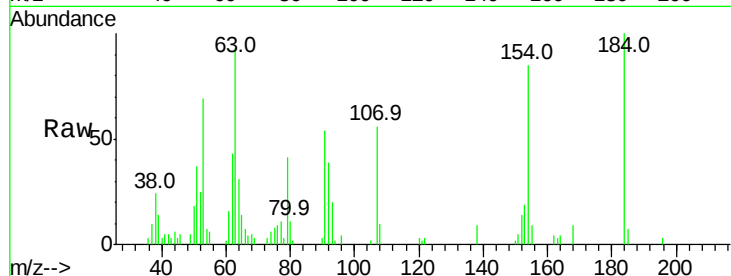




#53
2,4-Dinitrophenol
Concen: 28.123 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF103619.D
Acq: 13 Mar 2018 21:56

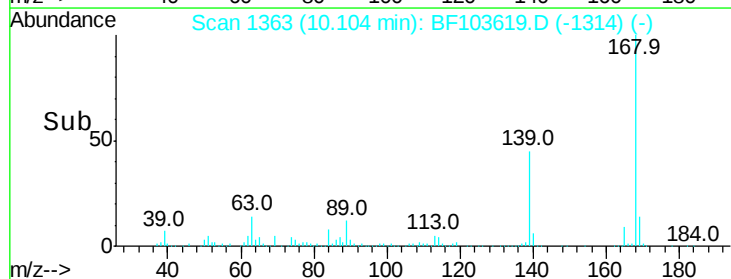
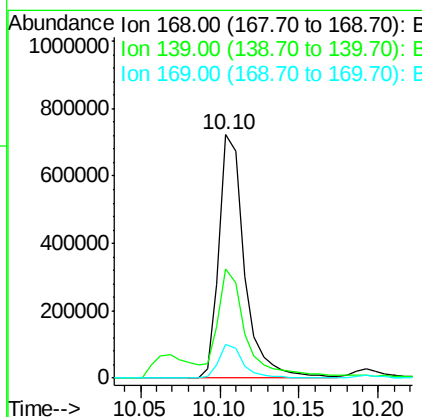
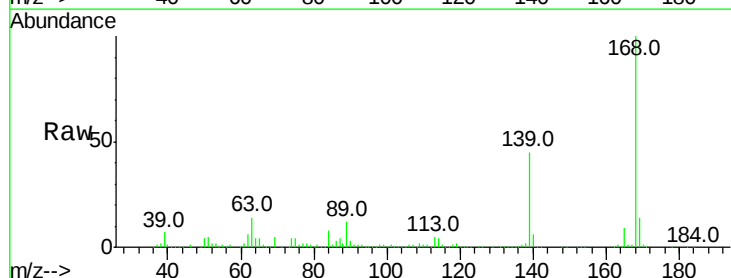
Instrument :
BNA_F
ClientSampleId :

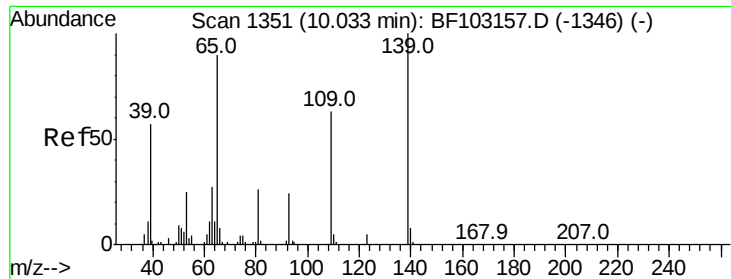
Tot Ion:184 Resp: 32609
Ion Ratio Lower Upper
184 100
63 92.8 54.2 81.2#
154 85.3 184.0 276.0#



#54
Dibenzofuran
Concen: 39.121 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF103619.D
Acq: 13 Mar 2018 21:56

Tgt Ion:168 Resp: 814424
Ion Ratio Lower Upper
168 100
139 44.7 30.1 45.1
169 13.8 10.9 16.3

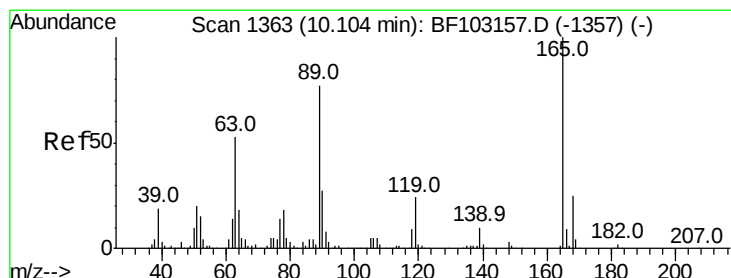
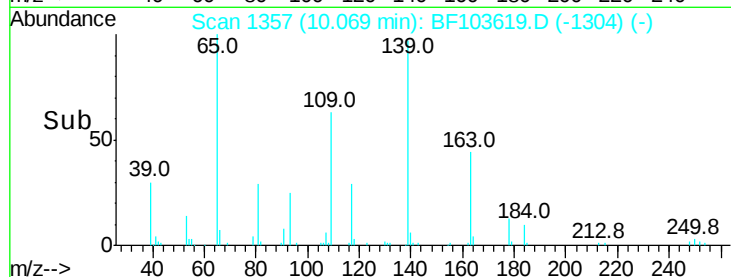
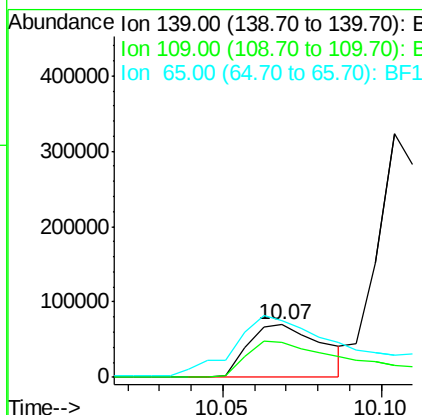
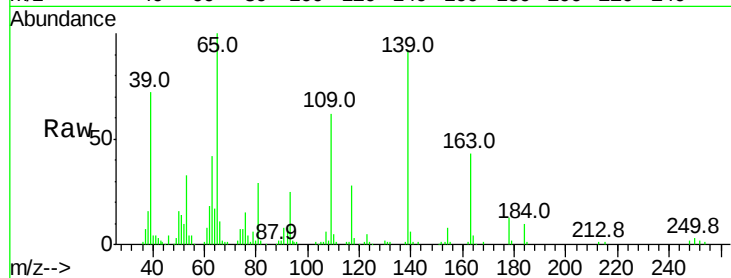




#55
4-Nitrophenol
Concen: 33.821 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF103619.D
Acq: 13 Mar 2018 21:56

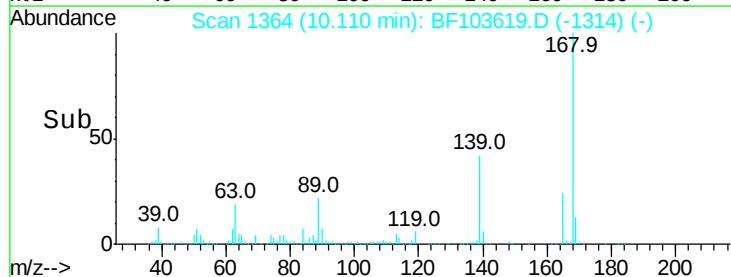
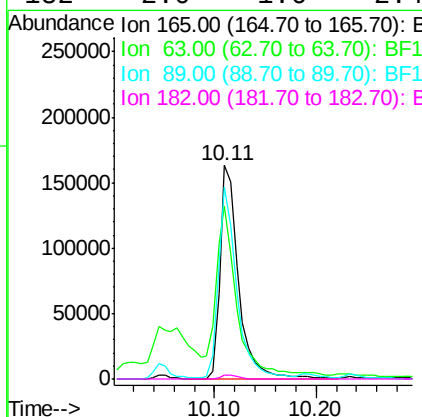
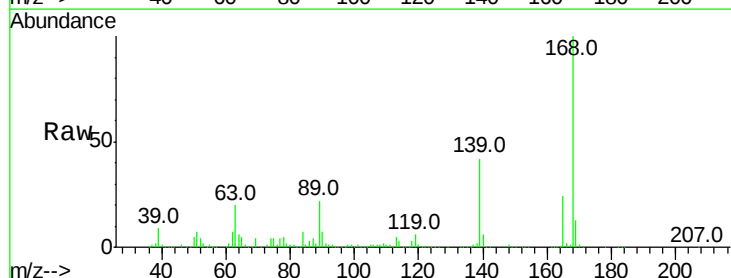
Instrument :
BNA_F
ClientSampleId :

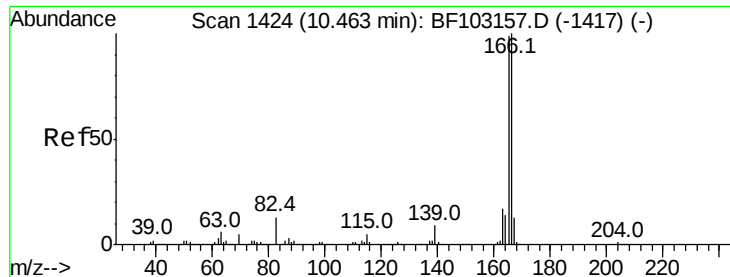
Tot Ion:139 Resp: 114156
Ion Ratio Lower Upper
139 100
109 67.6 48.4 88.4
65 108.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 38.524 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF103619.D
Acq: 13 Mar 2018 21:56

Tgt Ion:165 Resp: 209142
Ion Ratio Lower Upper
165 100
63 80.9 36.4 54.6#
89 89.8 57.8 86.6#
182 2.0 1.6 2.4





#57

Fluorene

Concen: 37.278 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

Instrument :

BNA_F

ClientSampleId :

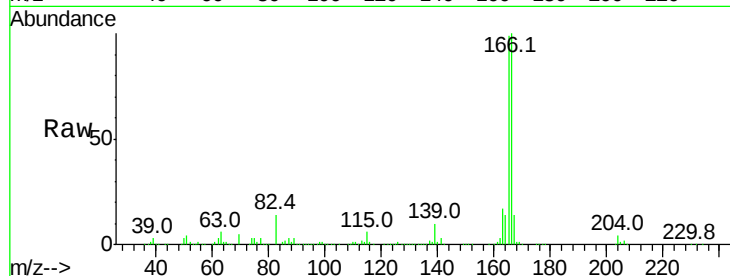
Tot Ion:166 Resp: 661083

Ion Ratio Lower Upper

166 100

165 99.3 79.8 119.8

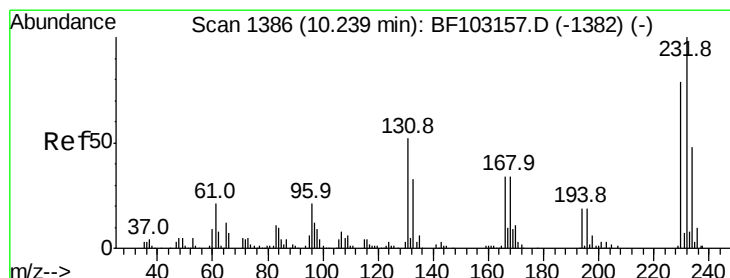
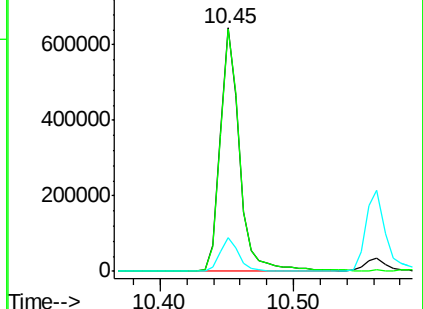
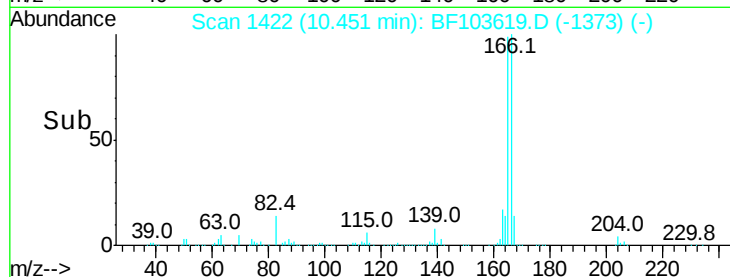
167 13.9 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.948 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

Tgt Ion:232 Resp: 137520

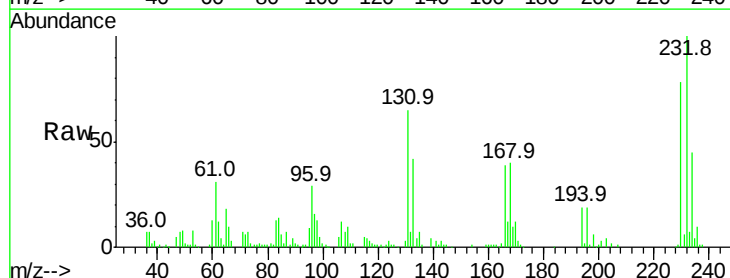
Ion Ratio Lower Upper

232 100

131 57.9 43.8 65.8

130 3.3 2.1 3.1#

166 39.3 27.8 41.6

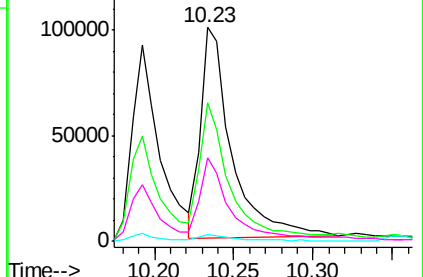
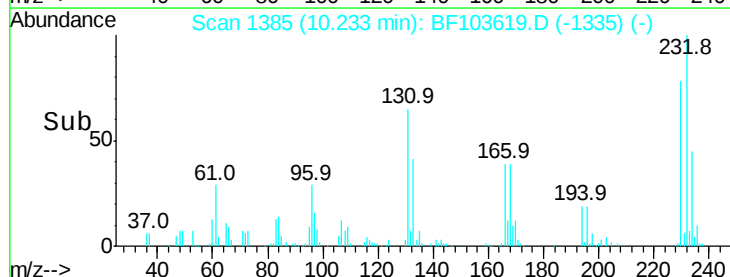


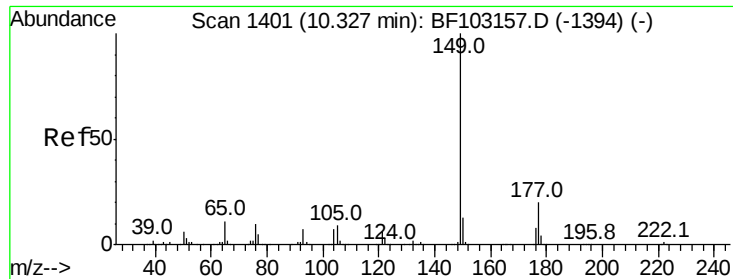
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.129 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

Instrument :

BNA_F

ClientSampled :

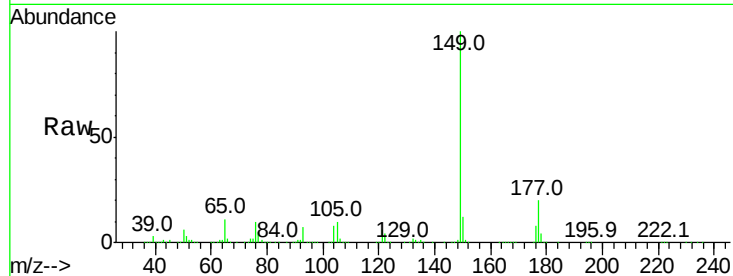
Tot Ion:149 Resp: 745915

Ion Ratio Lower Upper

149 100

177 20.4 16.1 24.1

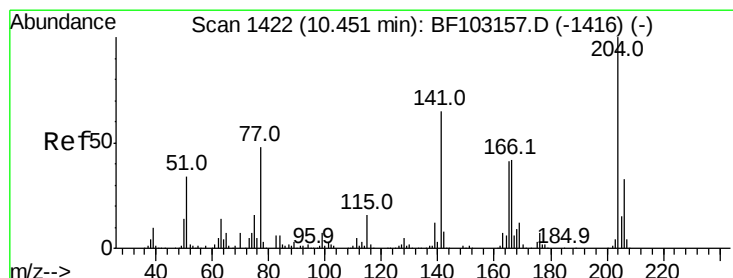
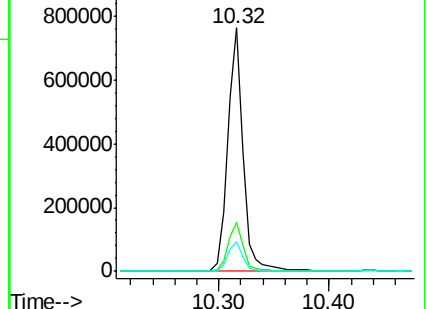
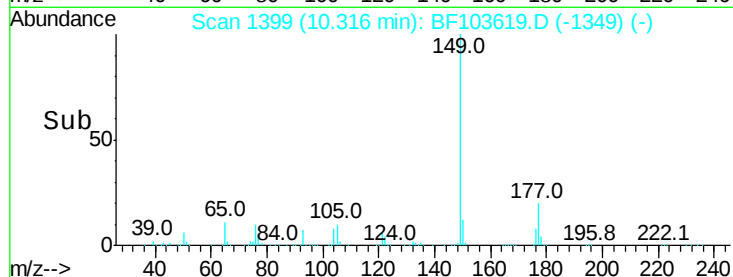
150 12.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.226 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

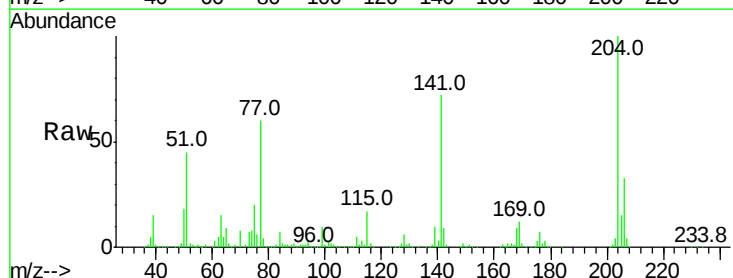
Tgt Ion:204 Resp: 294993

Ion Ratio Lower Upper

204 100

206 33.1 26.5 39.7

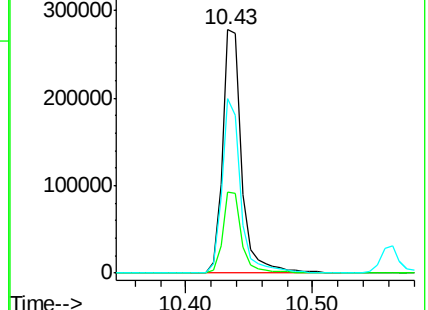
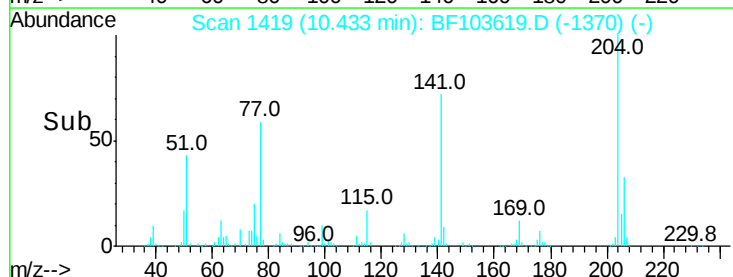
141 71.8 54.6 81.8

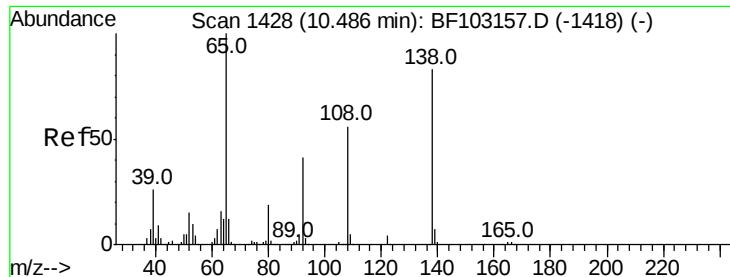


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 32.257 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

Instrument :

BNA_F

ClientSampleId :

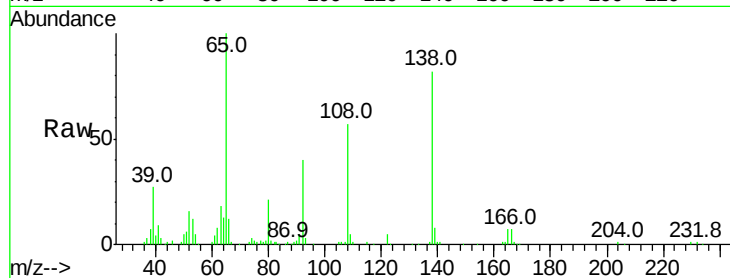
Tot Ion:138 Resp: 175465

Ion Ratio Lower Upper

138 100

92 49.2 30.2 70.2

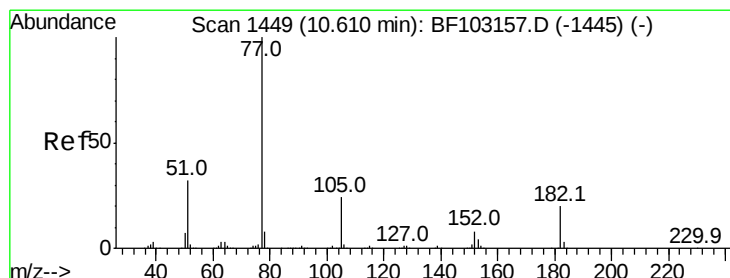
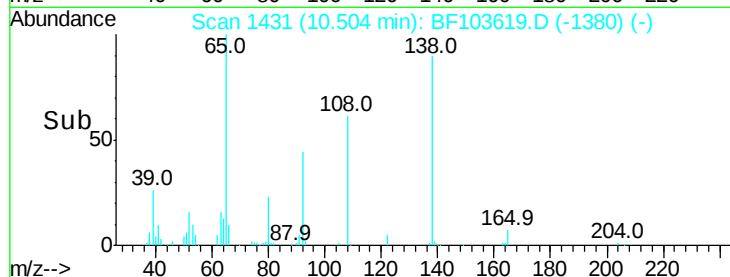
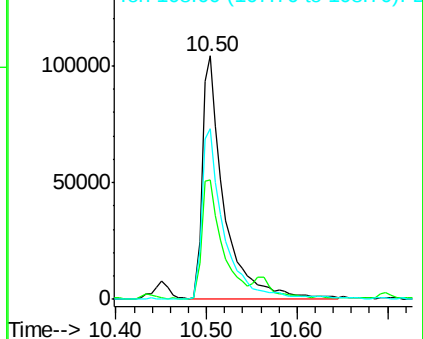
108 70.0 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.422 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

Tgt Ion: 77 Resp: 824846

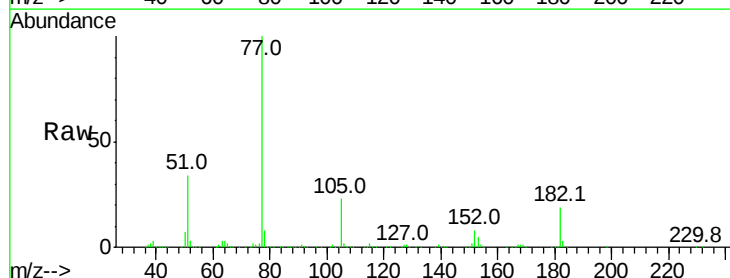
Ion Ratio Lower Upper

77 100

182 19.2 1.7 41.7

105 23.3 3.0 43.0

51 34.3 9.9 49.9

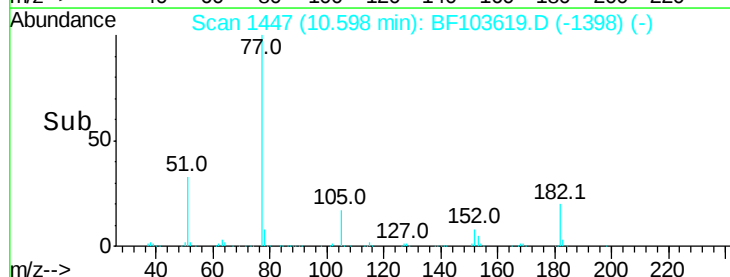
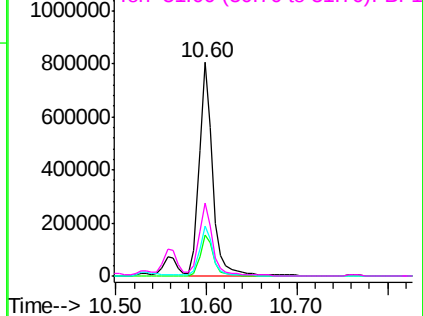


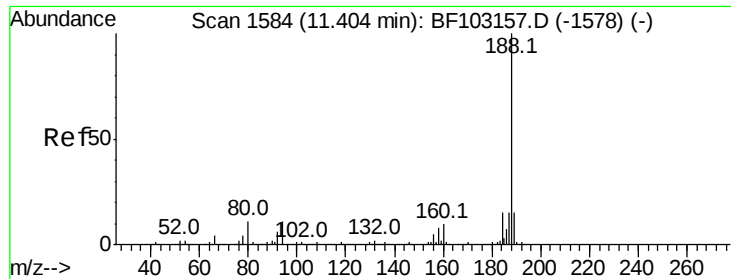
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

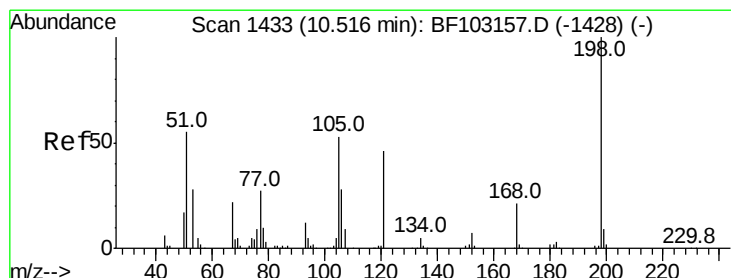
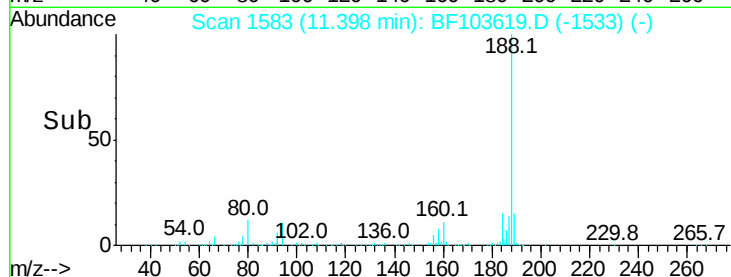
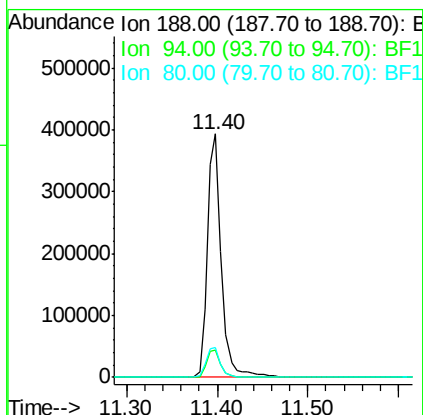
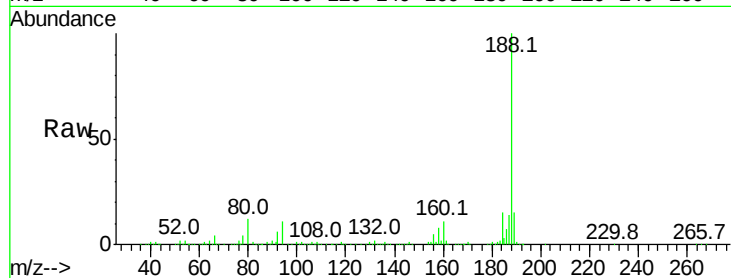




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103619.D
Acq: 13 Mar 2018 21:56

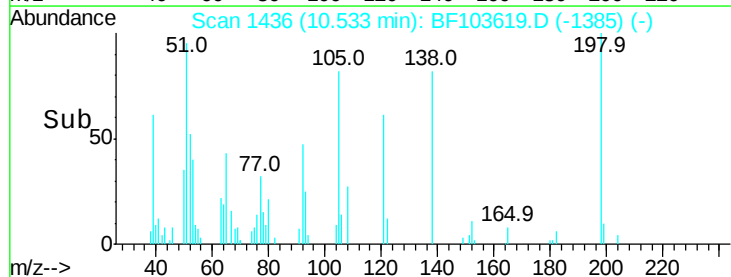
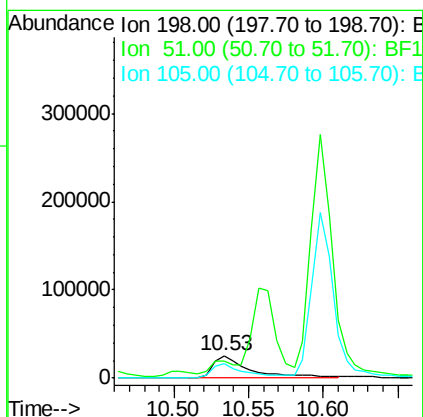
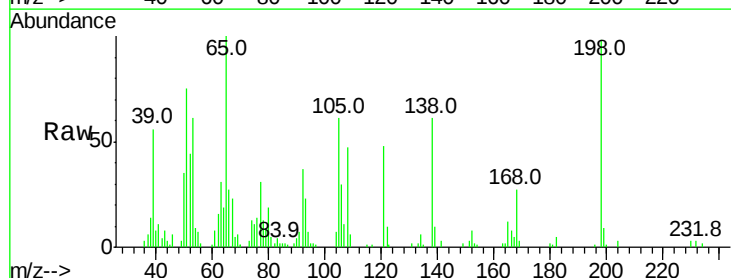
Instrument :
BNA_F
ClientSampled :

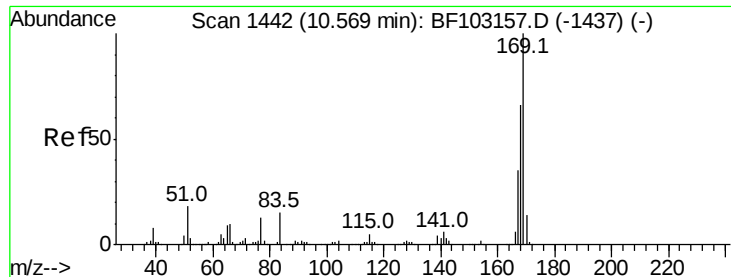
Tot Ion:188 Resp: 428158
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 19.801 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF103619.D
Acq: 13 Mar 2018 21:56

Tgt Ion:198 Resp: 43146
Ion Ratio Lower Upper
198 100
51 76.3 37.7 77.7
105 62.9 36.3 76.3

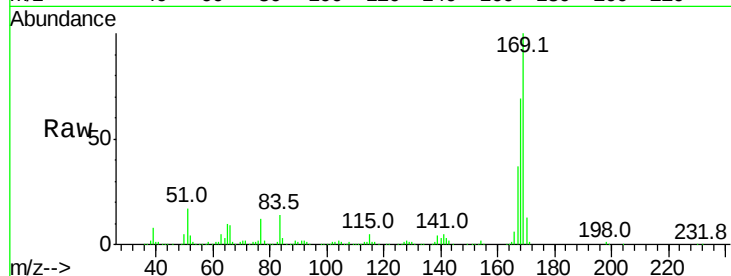




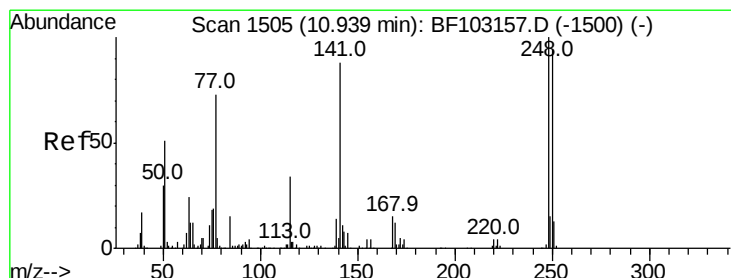
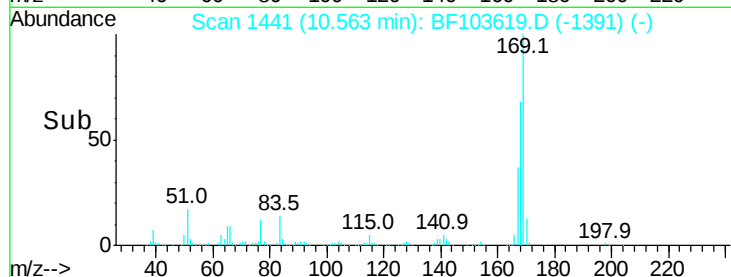
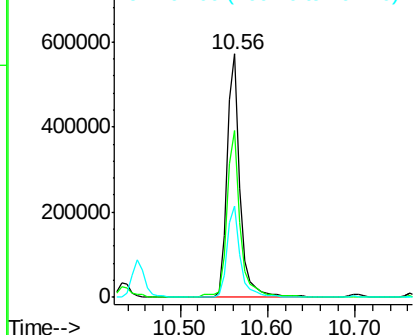
#65
n-Nitrosodiphenylamine
Concen: 39.353 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF103619.D
Acq: 13 Mar 2018 21:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 586673
Ion Ratio Lower Upper
169 100
168 68.7 54.4 81.6
167 37.4 29.8 44.6

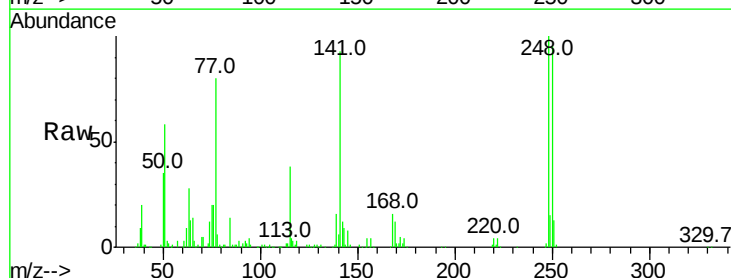


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

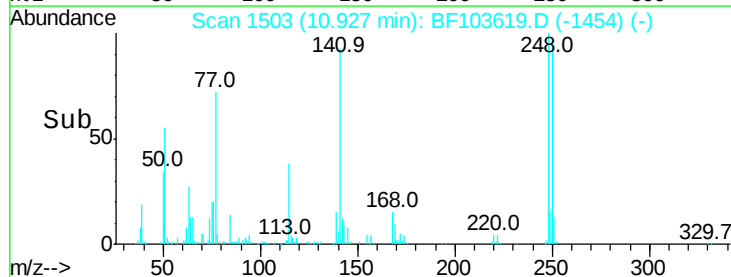
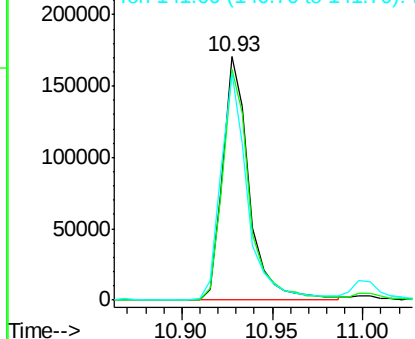


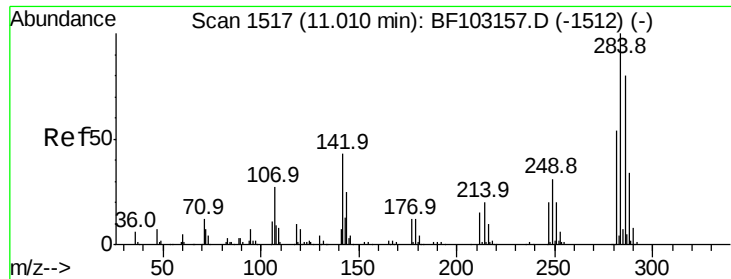
#66
4-Bromophenyl-phenylether
Concen: 39.065 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF103619.D
Acq: 13 Mar 2018 21:56

Tgt Ion:248 Resp: 174234
Ion Ratio Lower Upper
248 100
250 94.6 76.9 115.3
141 93.2 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

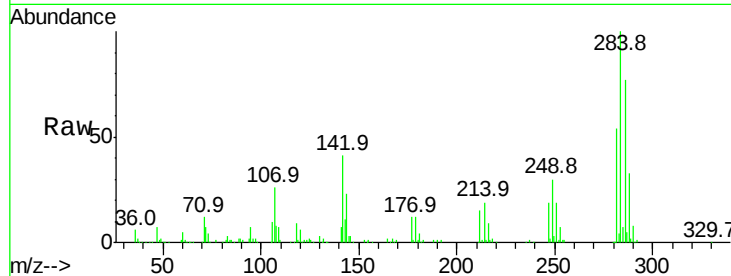




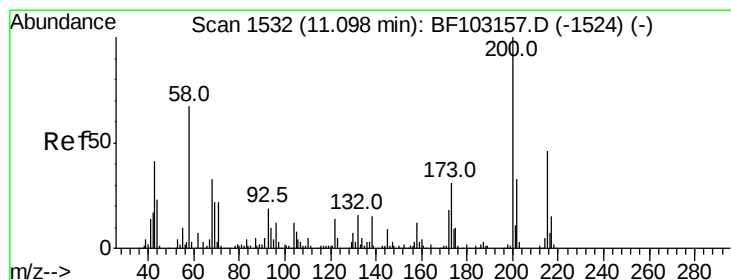
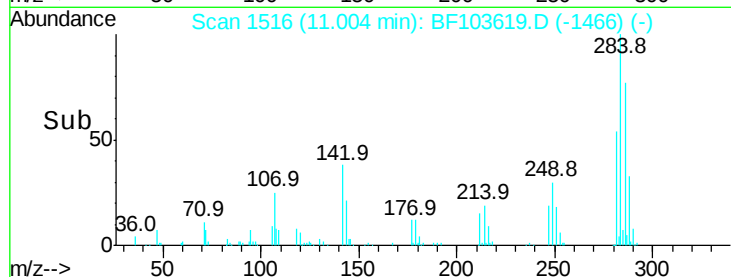
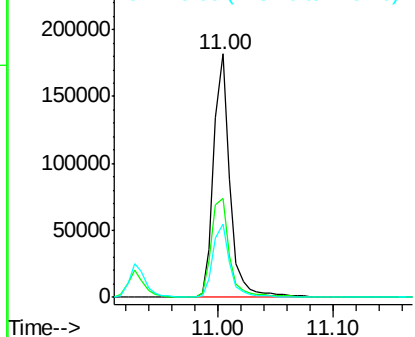
#67
Hexachlorobenzene
Concen: 36.948 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF103619.D
Acq: 13 Mar 2018 21:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 178864
Ion Ratio Lower Upper
284 100
142 40.8 34.6 52.0
249 30.4 24.8 37.2

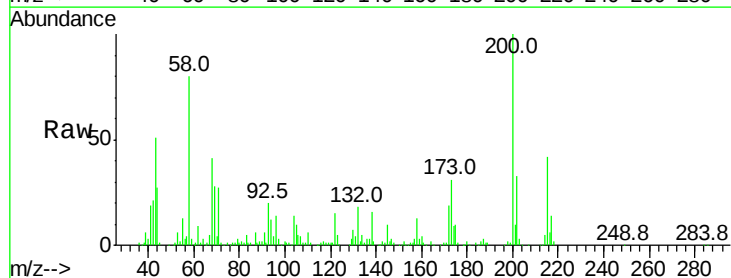


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

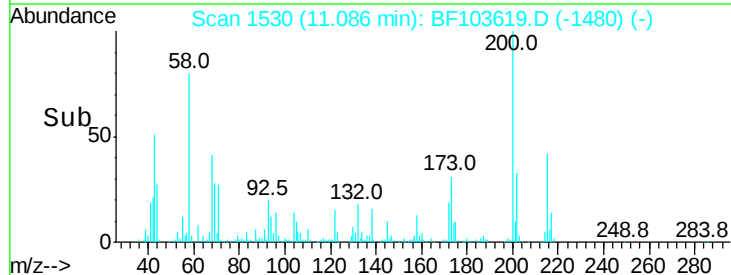
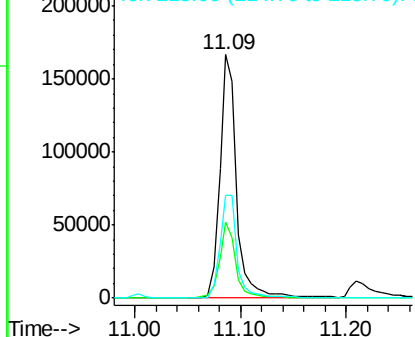


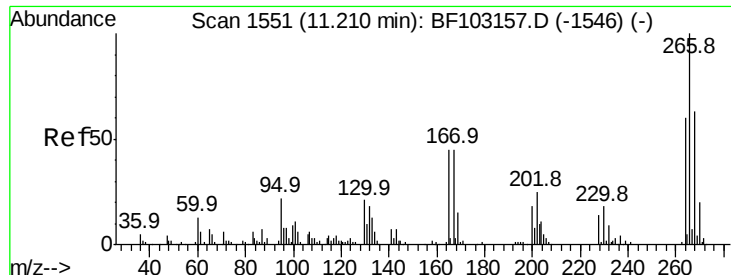
#68
Atrazine
Concen: 41.560 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF103619.D
Acq: 13 Mar 2018 21:56

Tgt Ion:200 Resp: 186222
Ion Ratio Lower Upper
200 100
173 31.0 8.6 48.6
215 42.5 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

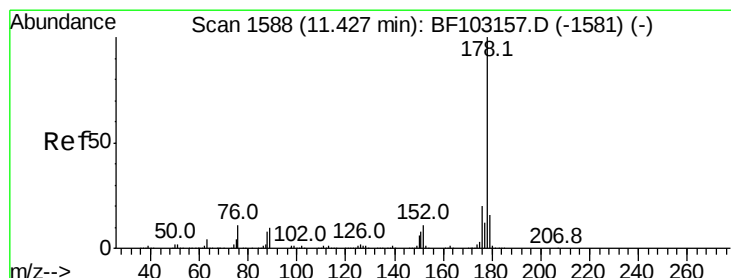
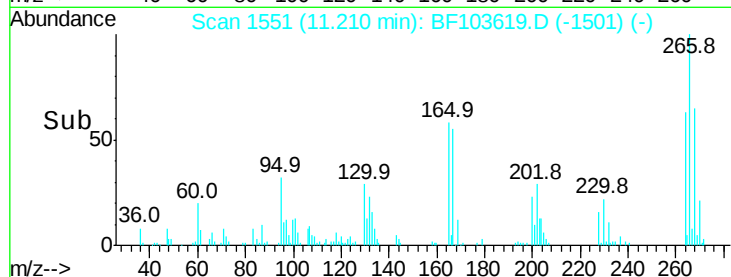
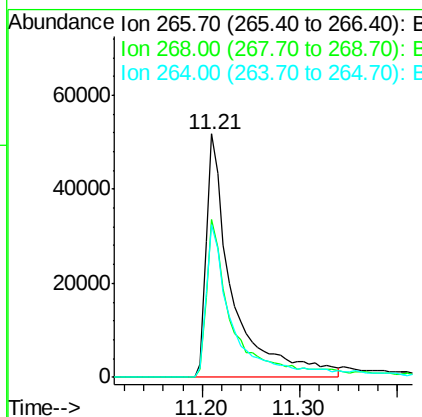
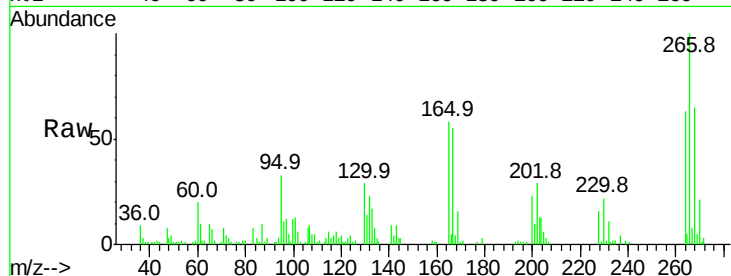




#69
 Pentachlorophenol
 Concen: 41.277 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF103619.D
 Acq: 13 Mar 2018 21:56

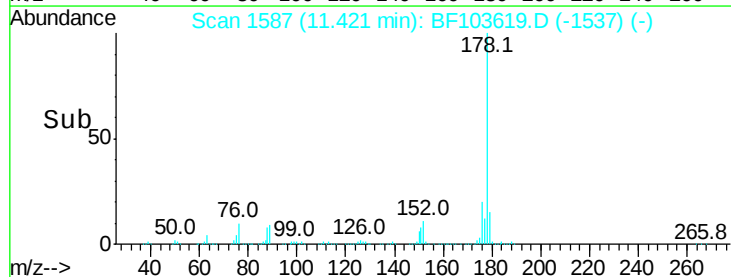
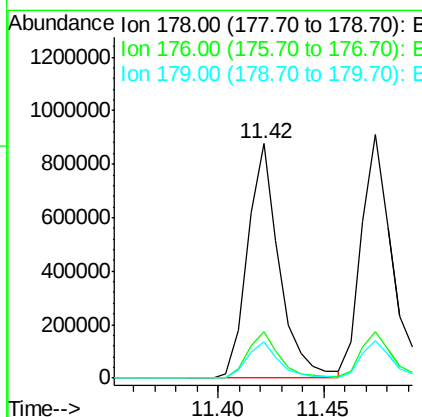
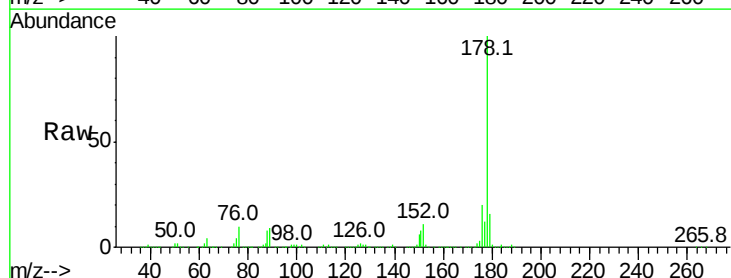
Instrument :
 BNA_F
 ClientSampled :

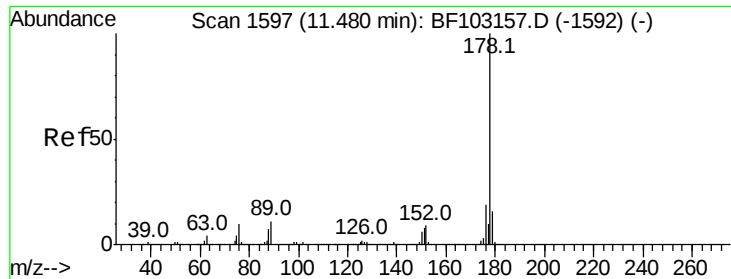
Tot Ion:266 Resp: 96618
 Ion Ratio Lower Upper
 266 100
 268 65.0 51.1 76.7
 264 62.6 49.5 74.3



#70
 Phenanthrene
 Concen: 38.659 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF103619.D
 Acq: 13 Mar 2018 21:56

Tgt Ion:178 Resp: 910911
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.6 13.0 19.6

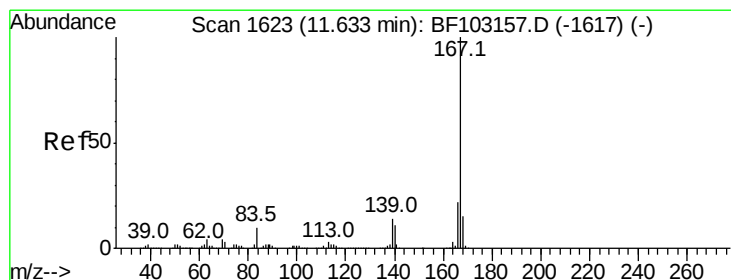
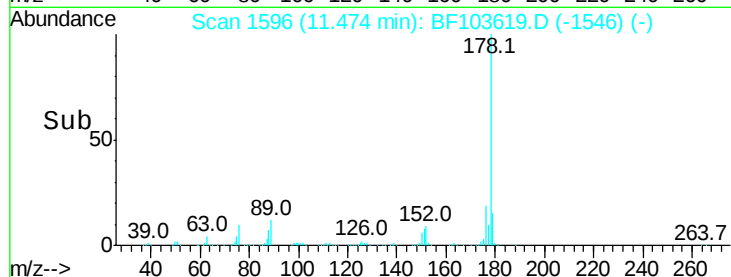
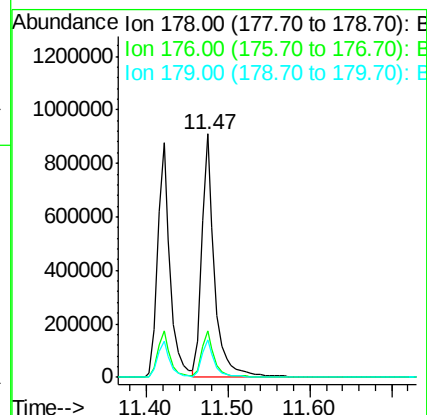
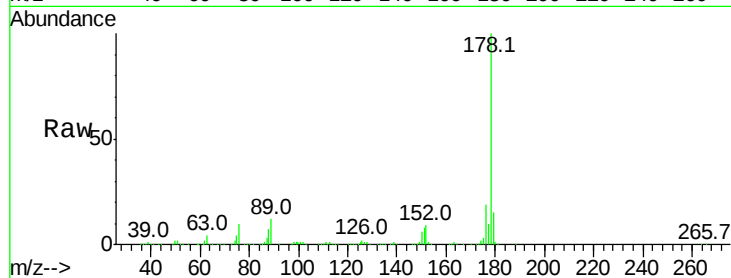




#71
 Anthracene
 Concen: 40.854 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF103619.D
 Acq: 13 Mar 2018 21:56

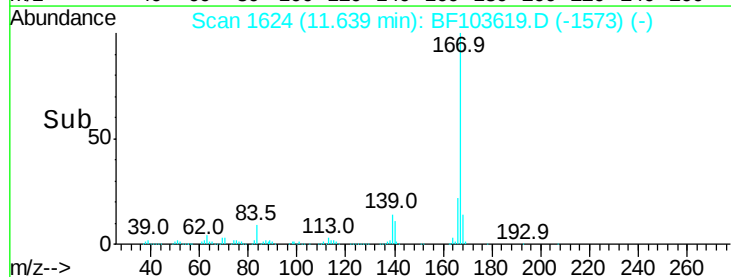
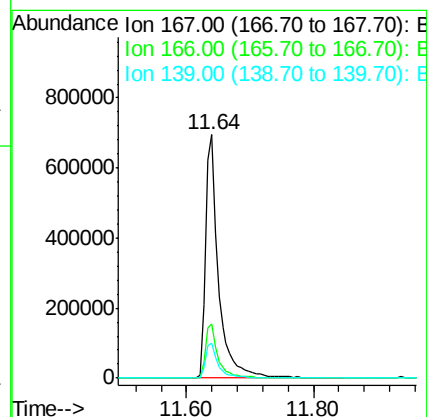
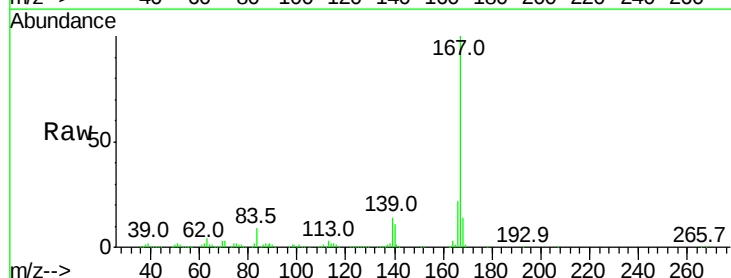
Instrument :
 BNA_F
 ClientSampleId :

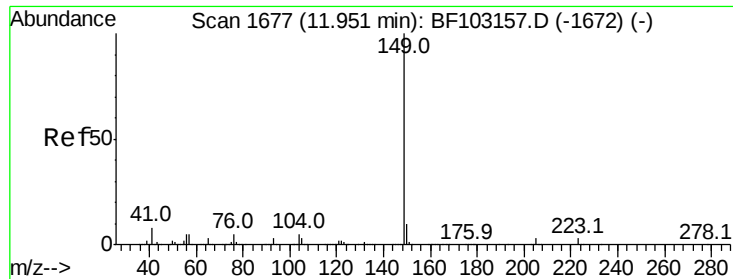
Tot Ion:178 Resp: 987116
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 40.234 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103619.D
 Acq: 13 Mar 2018 21:56

Tgt Ion:167 Resp: 968091
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 14.2 10.9 16.3

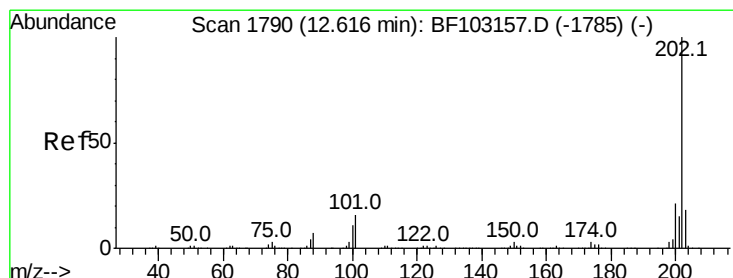
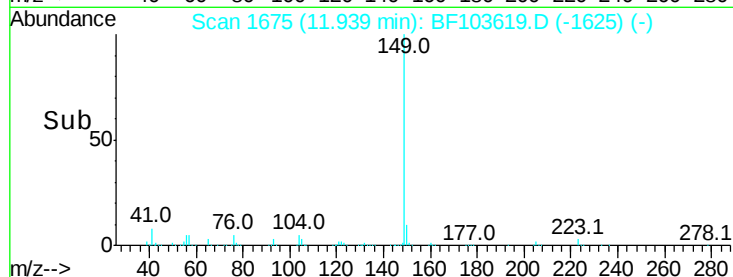
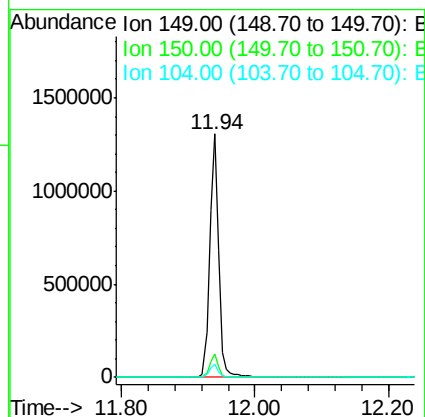
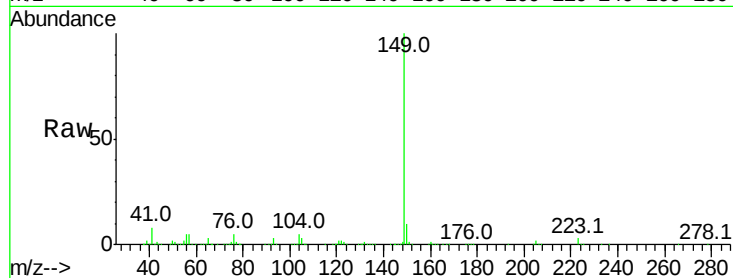




#73
Di-n-butylphthalate
Concen: 40.458 ng
RT: 11.94 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BF103619.D
Acq: 13 Mar 2018 21:56

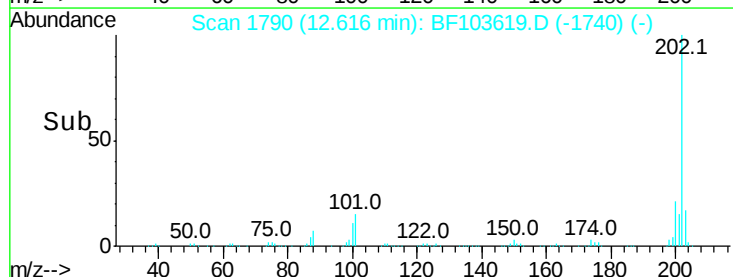
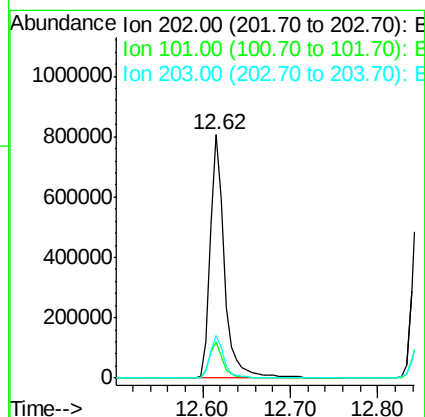
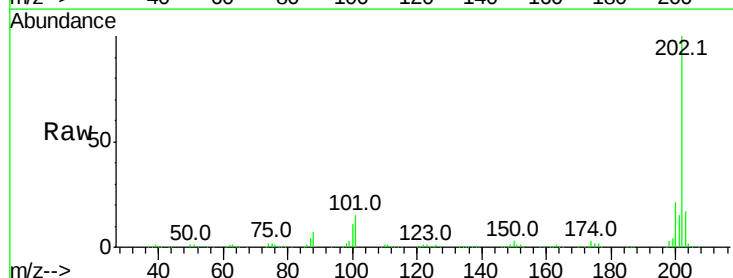
Instrument :
BNA_F
ClientSampleId :

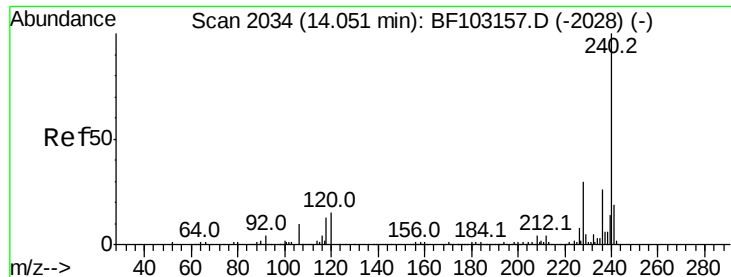
Tot Ion:149 Resp: 1218105
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 5.2 3.8 5.8



#74
Fluoranthene
Concen: 38.518 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF103619.D
Acq: 13 Mar 2018 21:56

Tgt Ion:202 Resp: 912033
Ion Ratio Lower Upper
202 100
101 14.7 0.0 34.1
203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

Instrument :

BNA_F

ClientSampleId :

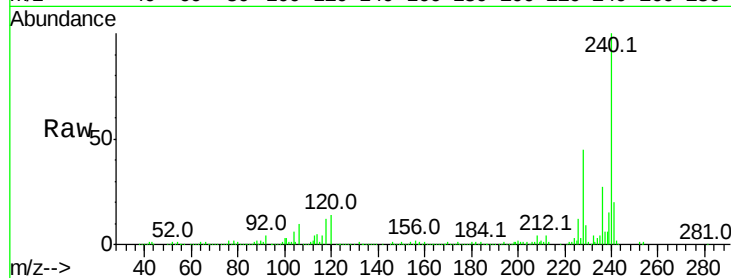
Tot Ion:240 Resp: 262816

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3#

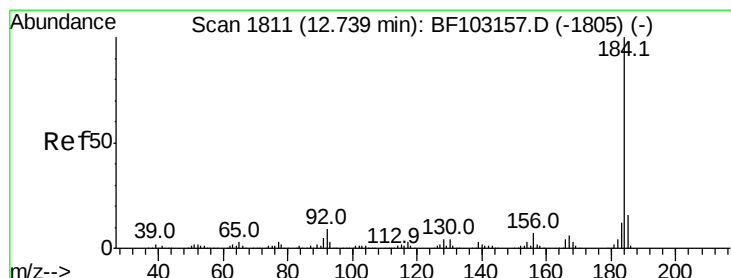
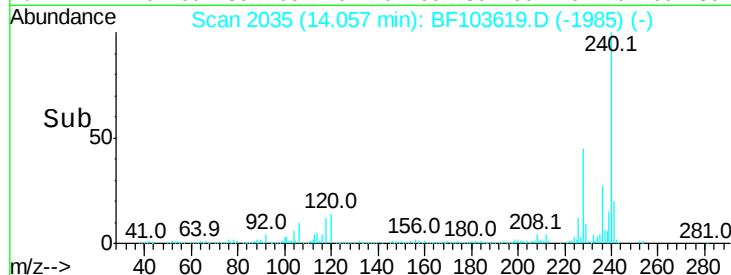
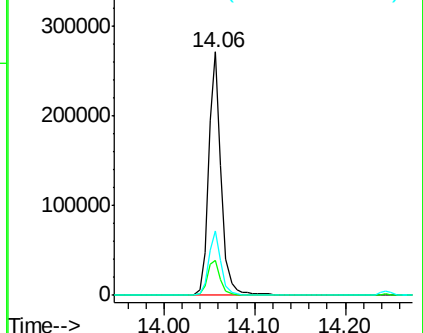
236 26.5 20.7 31.1



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: 34.058 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

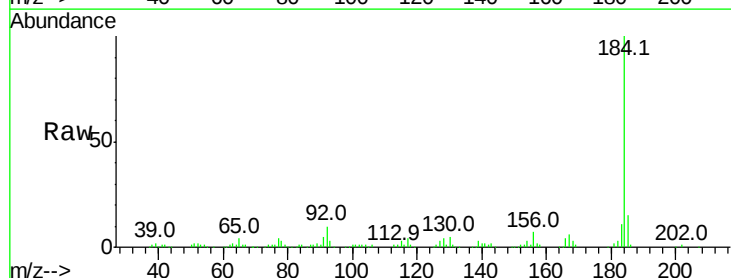
Tgt Ion:184 Resp: 334639

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

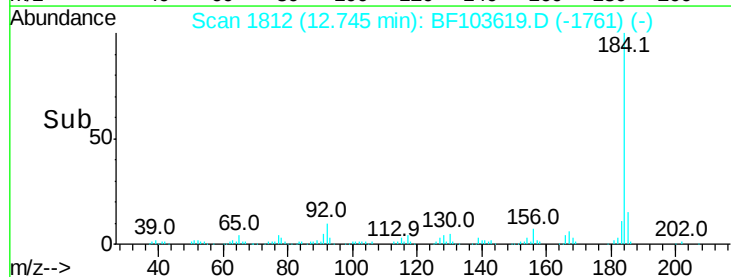
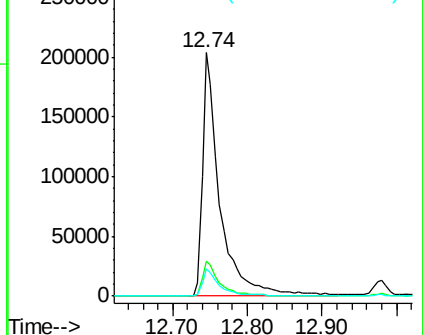
183 11.0 9.3 13.9

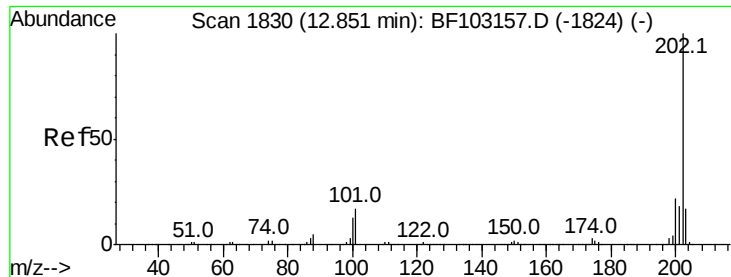


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

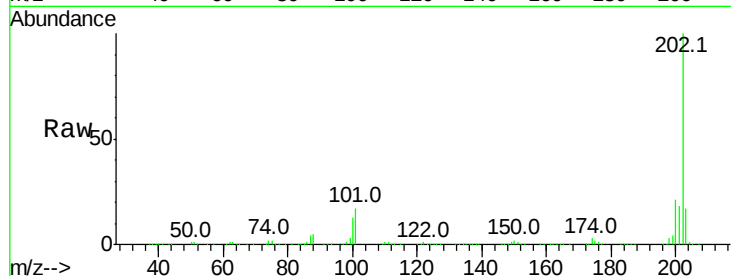




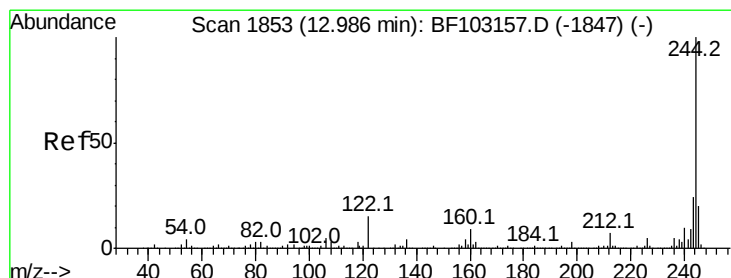
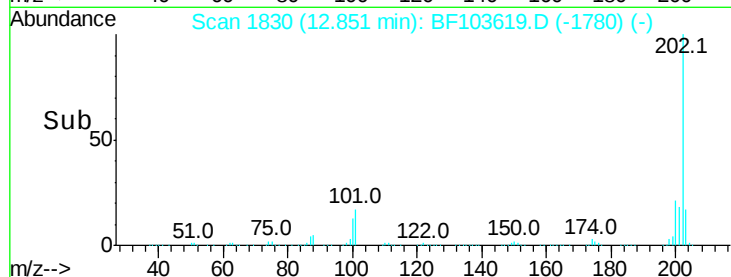
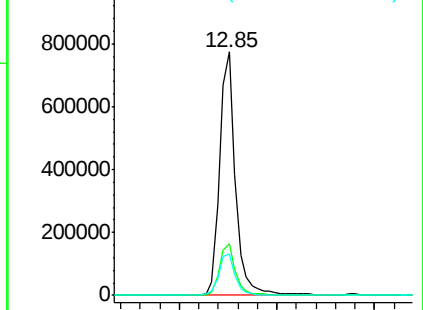
#77
 Pvrene
 Concen: 42.710 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF103619.D
 Acq: 13 Mar 2018 21:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.1	14.3	21.5

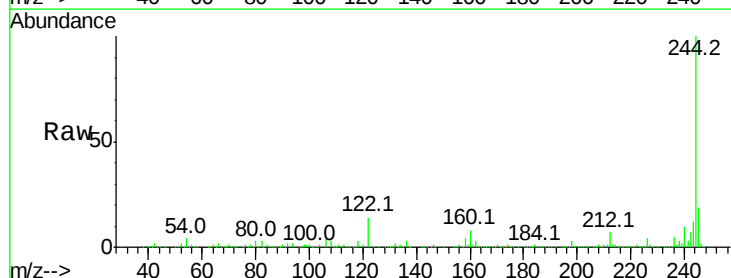


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

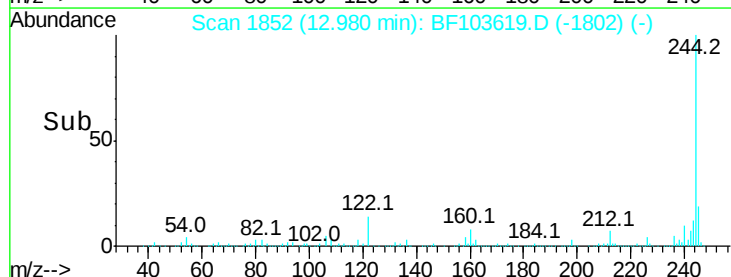
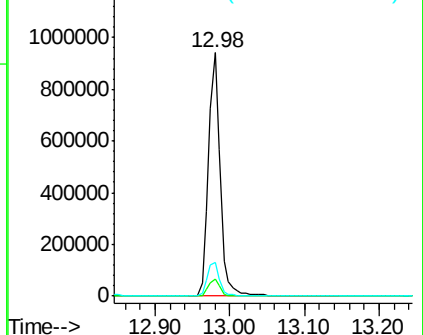


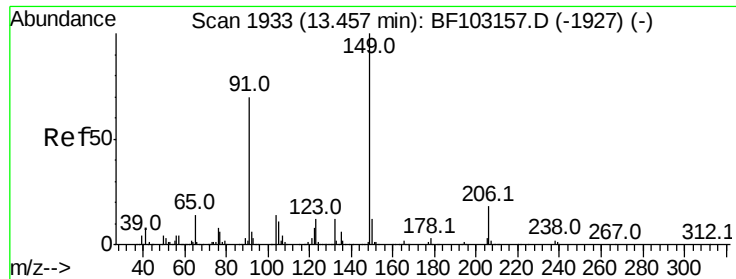
#78
 Terphenyl-d14
 Concen: 94.756 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF103619.D
 Acq: 13 Mar 2018 21:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.9	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

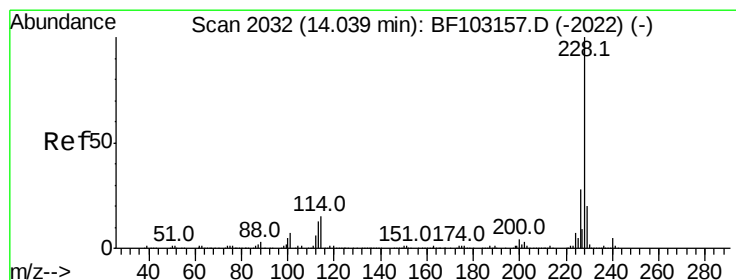
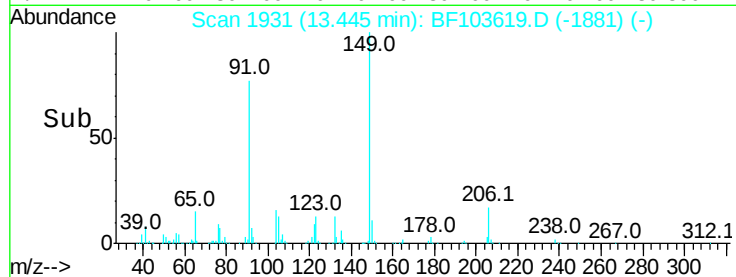
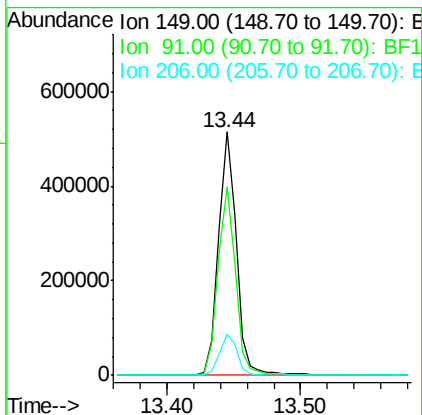
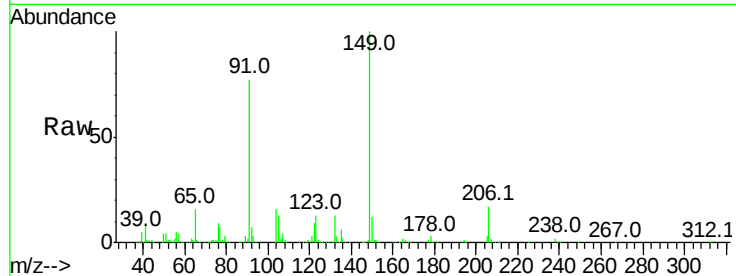




#79
Butylbenzylphthalate
Concen: 45.364 ng
RT: 13.44 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BF103619.D
Acq: 13 Mar 2018 21:56

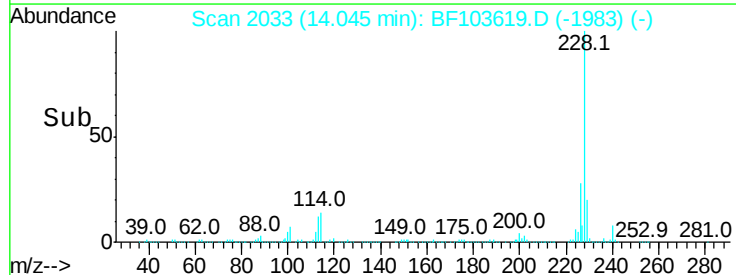
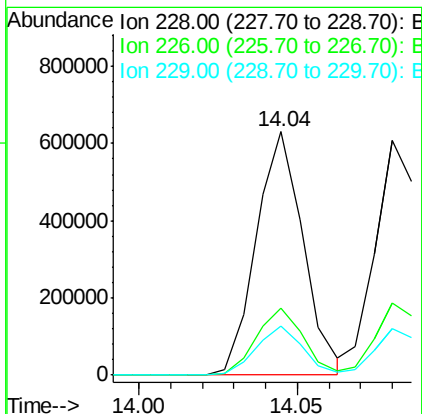
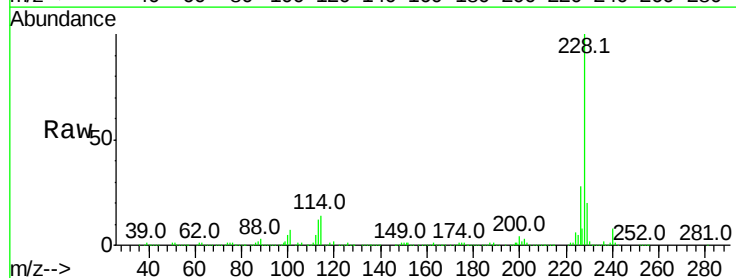
Instrument :
BNA_F
ClientSampleId :

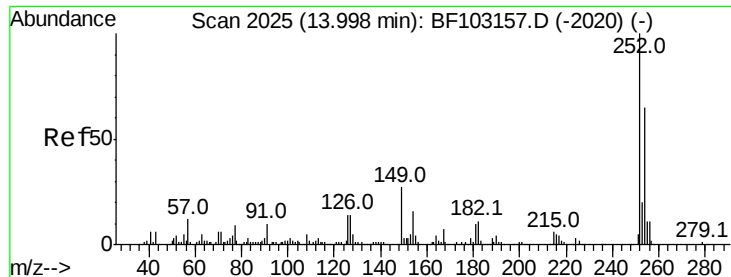
Tot Ion:149 Resp: 491115
Ion Ratio Lower Upper
149 100
91 77.3 56.8 85.2
206 17.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.144 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103619.D
Acq: 13 Mar 2018 21:56

Tgt Ion:228 Resp: 650455
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 19.9 15.8 23.6

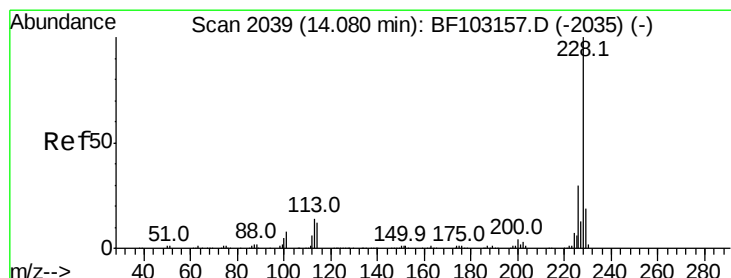
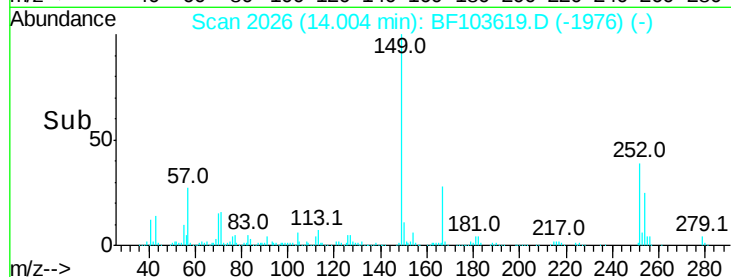
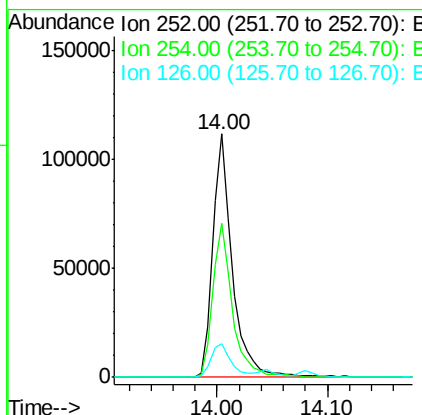
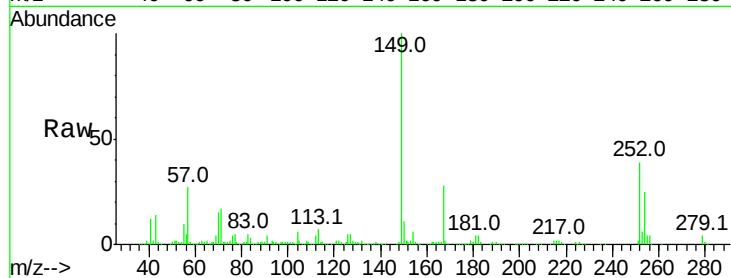




#81
 3,3'-Dichlorobenzidine
 Concen: 22.322 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF103619.D
 Acq: 13 Mar 2018 21:56

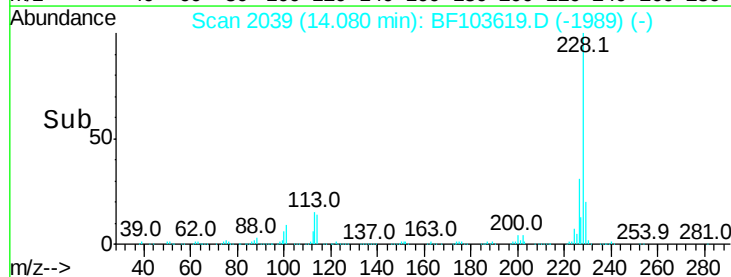
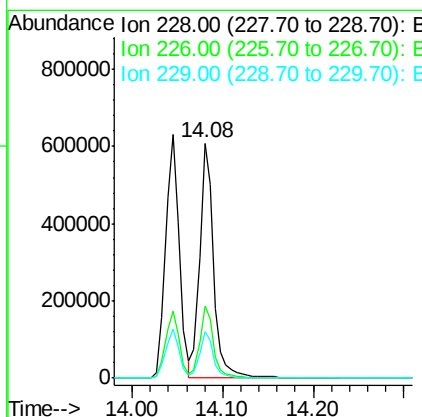
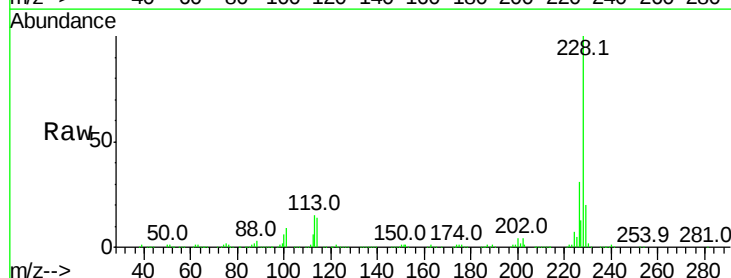
Instrument :
 BNA_F
 ClientSampled :

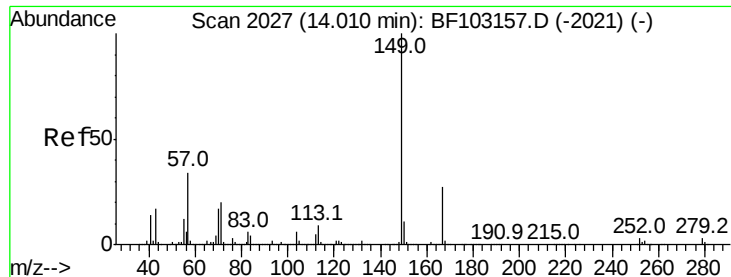
Tot Ion:252 Resp: 135842
 Ion Ratio Lower Upper
 252 100
 254 63.3 50.4 75.6
 126 13.9 11.3 16.9



#82
 Chrysene
 Concen: 39.736 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF103619.D
 Acq: 13 Mar 2018 21:56

Tgt Ion:228 Resp: 657924
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.0 37.6
 229 20.0 16.2 24.4

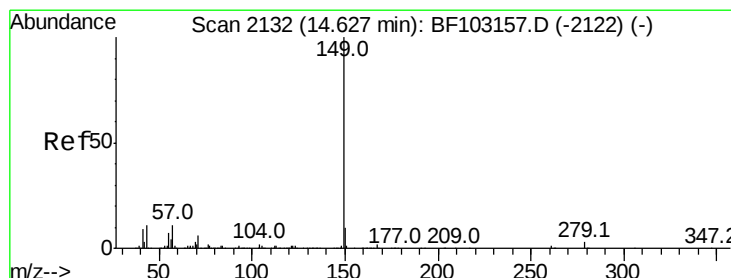
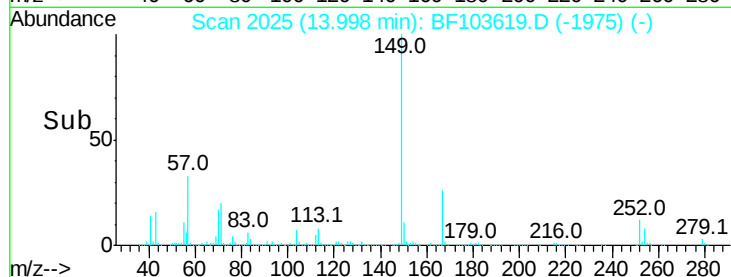
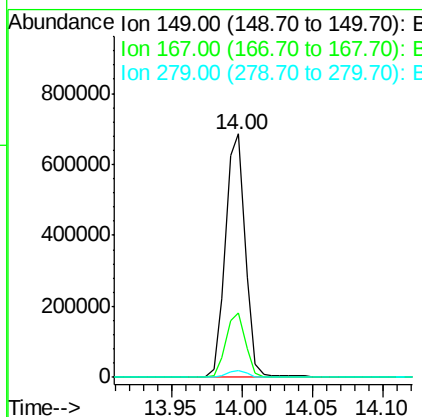
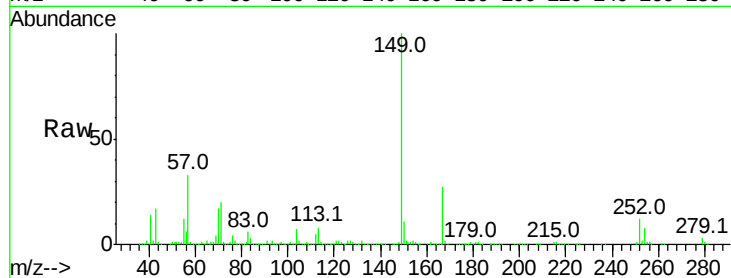




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.153 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF103619.D
 Acq: 13 Mar 2018 21:56

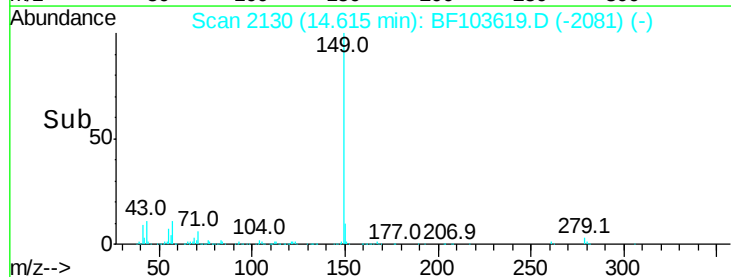
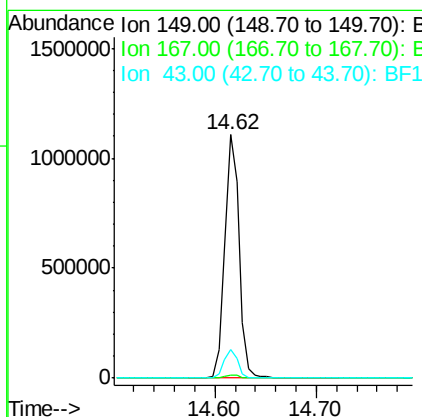
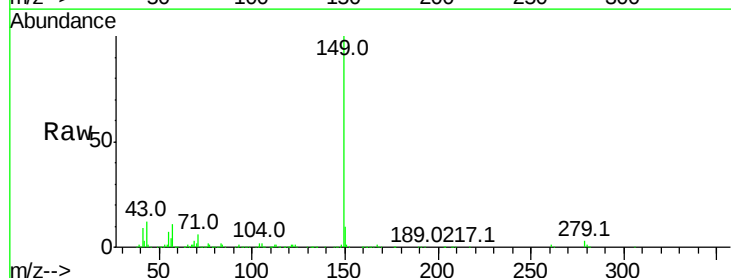
Instrument :
 BNA_F
 ClientSampleId :

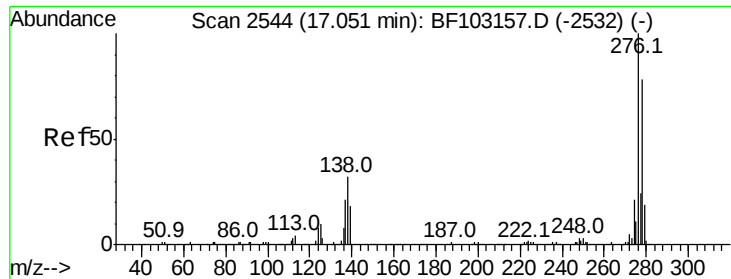
Tot Ion:149 Resp: 674270
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.3 31.9
 279 3.0 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 45.883 ng
 RT: 14.62 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BF103619.D
 Acq: 13 Mar 2018 21:56

Tgt Ion:149 Resp: 1083043
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.1 8.4 12.6

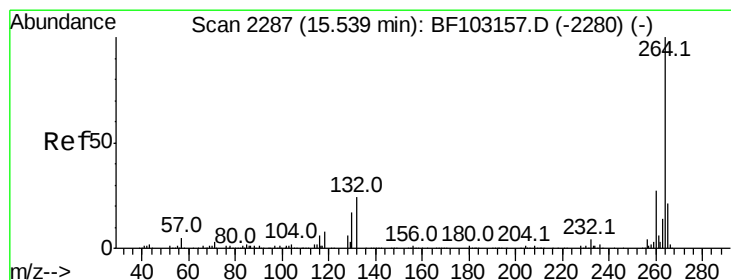
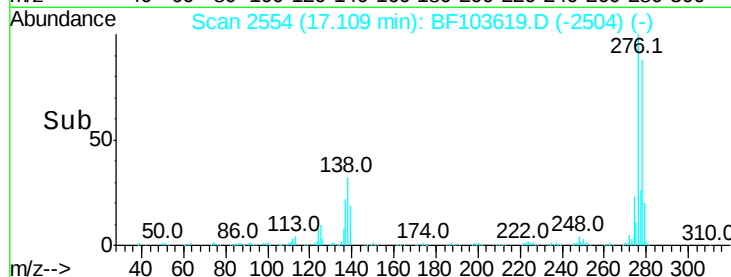
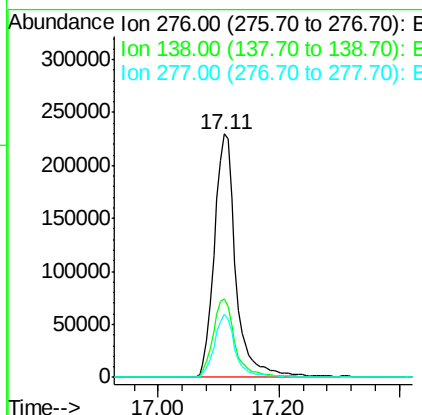
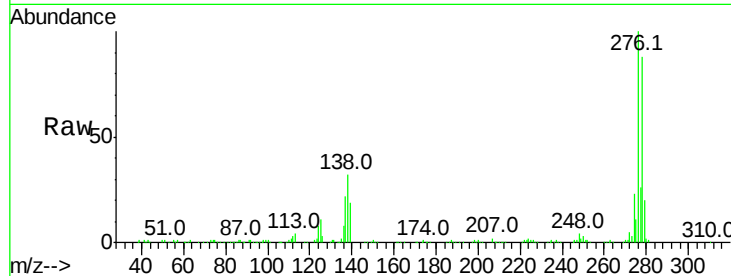




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.250 ng
 RT: 17.11 min Scan# 2554
 Delta R.T. -0.01 min
 Lab File: BF103619.D
 Acq: 13 Mar 2018 21:56

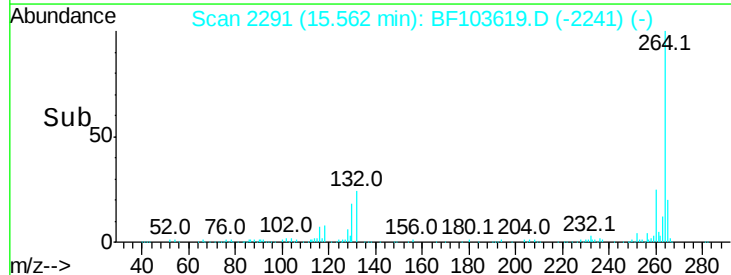
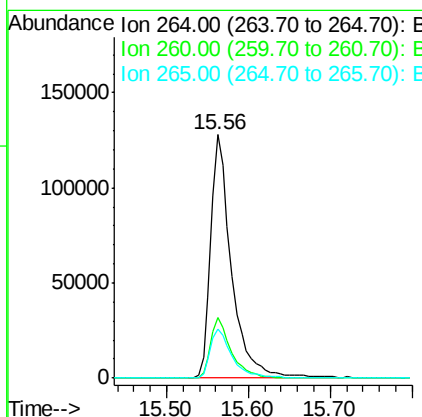
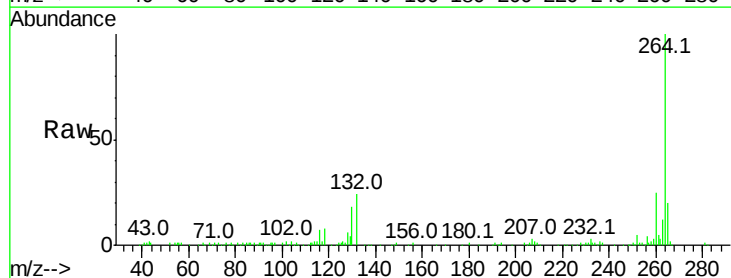
Instrument :
 BNA_F
 ClientSampleId :

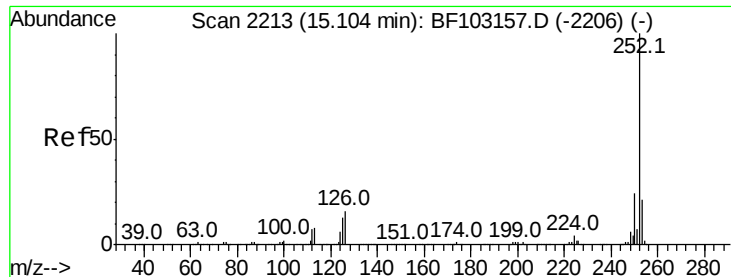
Tot Ion:276 Resp: 566932
 Ion Ratio Lower Upper
 276 100
 138 33.4 25.0 37.6
 277 24.9 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF103619.D
 Acq: 13 Mar 2018 21:56

Tgt Ion:264 Resp: 226864
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 20.3 17.5 26.3

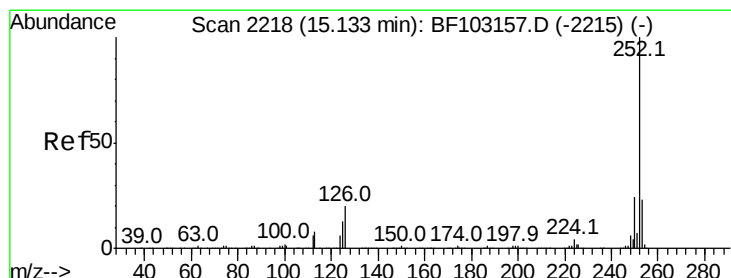
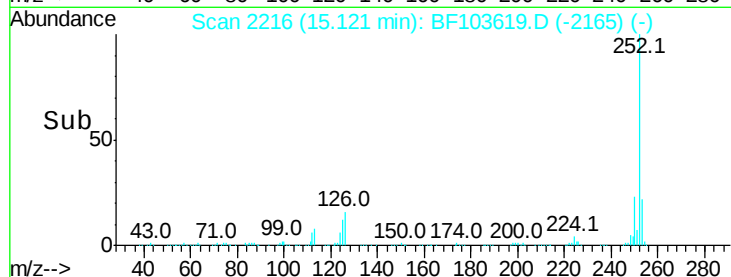
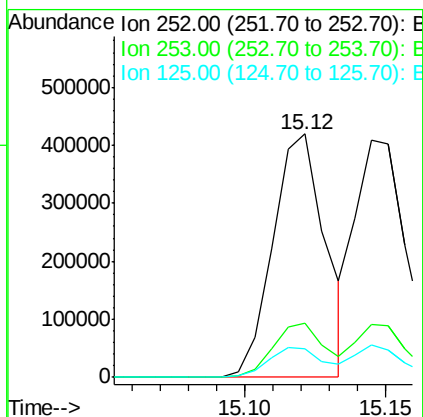
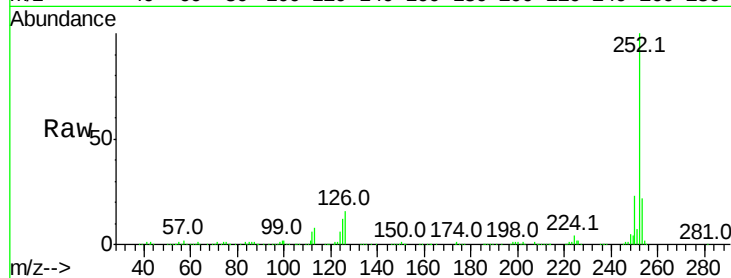




#87
Benzo(b)fluoranthene
Concen: 36.211 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF103619.D
Acq: 13 Mar 2018 21:56

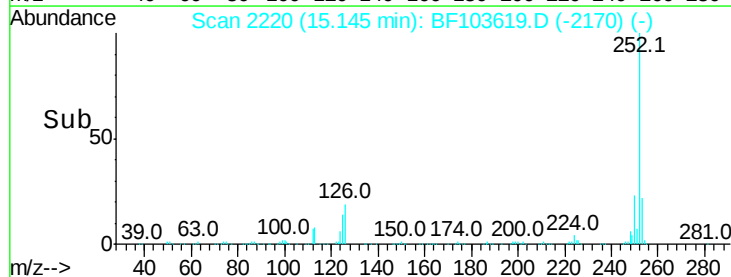
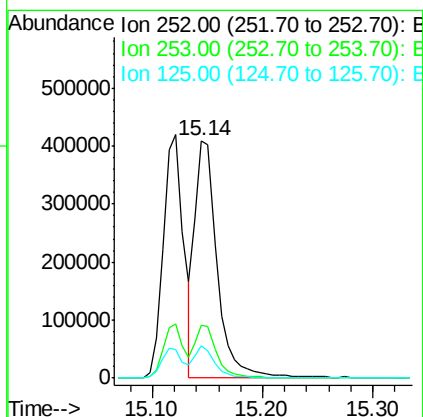
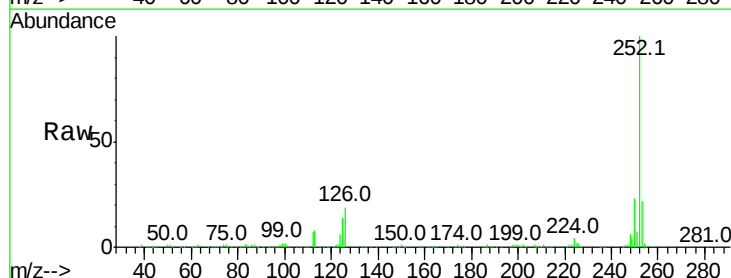
Instrument :
BNA_F
ClientSampleId :

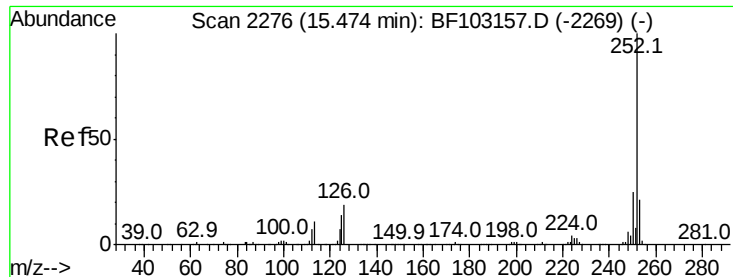
Tot Ion:252 Resp: 540121
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 11.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 39.721 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF103619.D
Acq: 13 Mar 2018 21:56

Tgt Ion:252 Resp: 557921
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 13.7 10.2 15.2

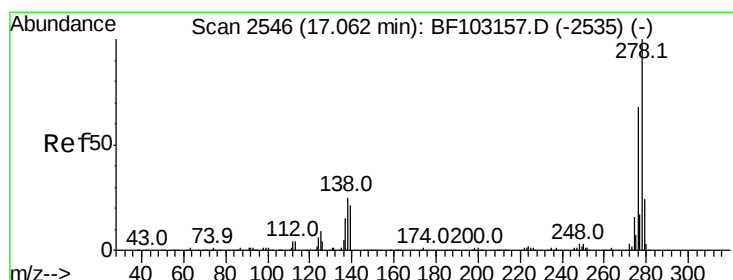
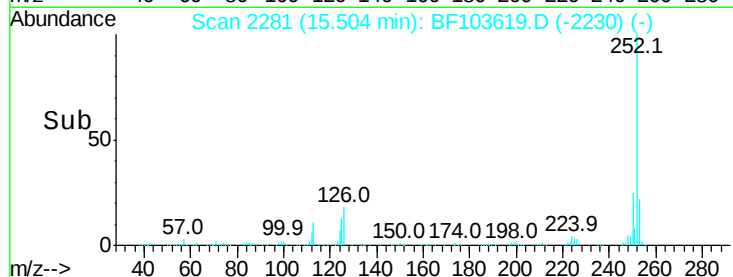
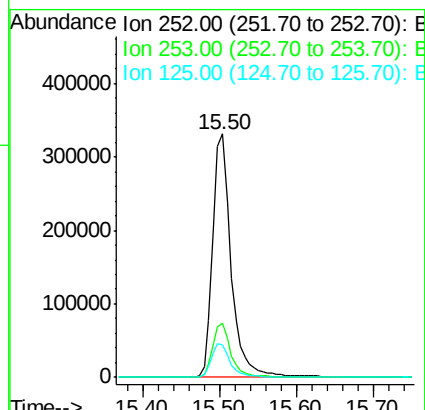
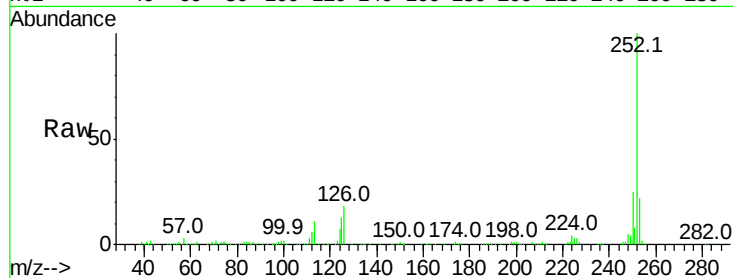




#89
Benzo(a)pyrene
Concen: 41.046 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF103619.D
Acq: 13 Mar 2018 21:56

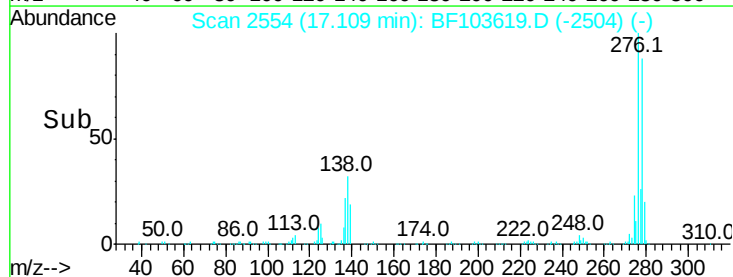
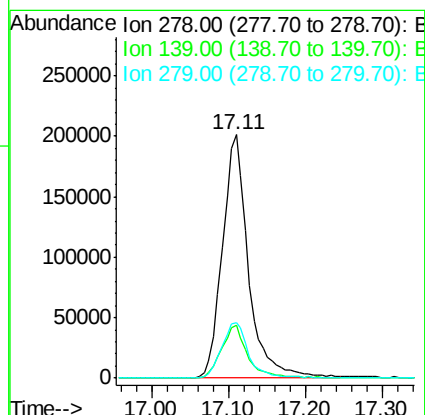
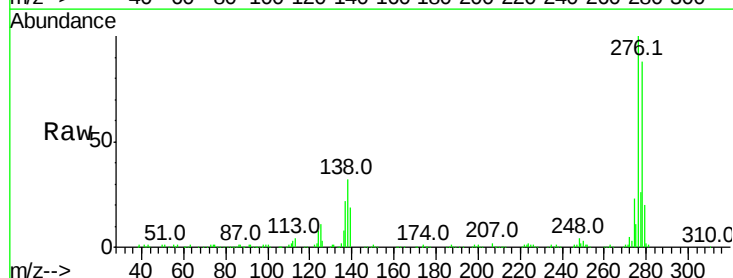
Instrument :
BNA_F
ClientSampleId :

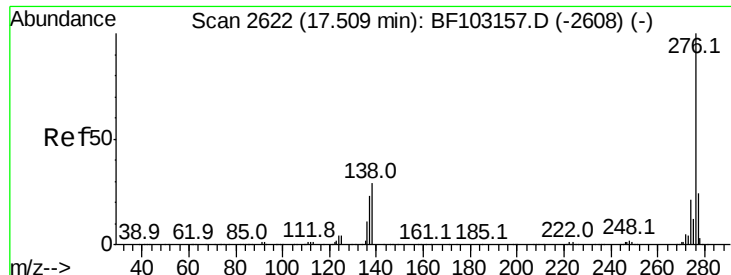
Tot Ion:252 Resp: 546737
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 13.1 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 45.956 ng
RT: 17.11 min Scan# 2554
Delta R.T. -0.01 min
Lab File: BF103619.D
Acq: 13 Mar 2018 21:56

Tgt Ion:278 Resp: 473010
Ion Ratio Lower Upper
278 100
139 21.7 15.9 23.9
279 22.6 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 48.032 ng

RT: 17.57 min Scan# 2633

Delta R.T. -0.01 min

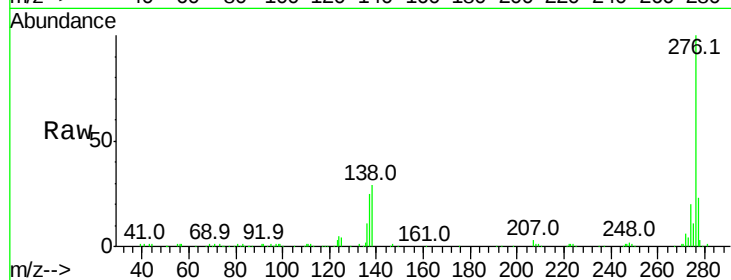
Lab File: BF103619.D

Acq: 13 Mar 2018 21:56

Instrument :

BNA_F

ClientSampleId :



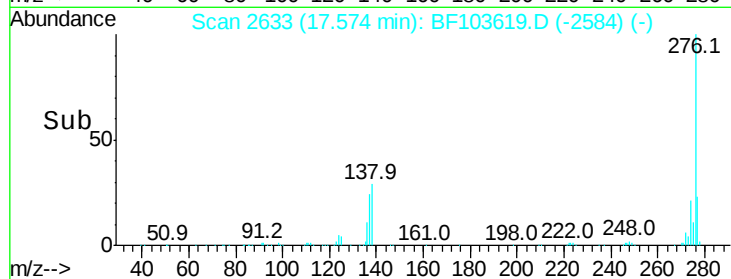
Tot Ion:276 Resp: 483173

Ion Ratio Lower Upper

276 100

277 23.2 17.9 26.9

138 28.8 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

