

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
 Data File : BF103595.D
 Acq On : 12 Mar 2018 21:17
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:21:09 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	140643	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	607065	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	276755	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	479957	20.00	ng	0.00
75) Chrysene-d12	14.06	240	340623	20.00	ng	0.00
86) Perylene-d12	15.57	264	328998	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	747388	80.37	ng	0.00
7) Phenol-d6	6.50	99	887562	78.00	ng	0.00
23) Nitrobenzene-d5	7.43	82	823566	77.48	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	157095	67.06	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1190797	71.30	ng	0.00
78) Terphenyl-d14	12.98	244	1008722	71.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	173893	35.406	ng	95
3) Pyridine	3.40	79	394178	30.062	ng	98
4) n-Nitrosodimethylamine	3.37	42	155553	29.415	ng	87
6) Aniline	6.53	93	589352	35.887	ng	# 74
8) 2-Chlorophenol	6.65	128	382994	39.646	ng	93
9) Benzaldehyde	6.43	77	234787	32.048	ng	96
10) Phenol	6.52	94	554997	42.014	ng	73
11) bis(2-Chloroethyl)ether	6.59	93	362558	36.162	ng	94
12) 1,3-Dichlorobenzene	6.80	146	425635	38.555	ng	98
13) 1,4-Dichlorobenzene	6.87	146	461000	41.652	ng	100
14) 1,2-Dichlorobenzene	7.03	146	398137	39.011	ng	99
15) Benzyl Alcohol	7.02	79	314085	36.630	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	630400	36.616	ng	51
17) 2-Methylphenol	7.12	107	335580	38.226	ng	# 79
18) Hexachloroethane	7.36	117	153170	38.015	ng	92
19) n-Nitroso-di-n-propylamine	7.27	70	306537	43.285	ng	92
20) 3+4-Methylphenols	7.28	107	449103	41.967	ng	# 50
22) Acetophenone	7.27	105	588502	41.532	ng	# 91
24) Nitrobenzene	7.45	77	480873	41.087	ng	96
25) Isophorone	7.68	82	807807	38.585	ng	96
26) 2-Nitrophenol	7.77	139	216028	39.209	ng	96
27) 2,4-Dimethylphenol	7.80	122	310633	36.885	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	476404	38.703	ng	99
29) 2,4-Dichlorophenol	8.02	162	320334	39.729	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	317538	36.982	ng	98
31) Naphthalene	8.16	128	1101966	37.077	ng	99
32) Benzoic acid	7.96	122	200785	34.421	ng	97
33) 4-Chloroaniline	8.23	127	502317	39.167	ng	97
34) Hexachlorobutadiene	8.26	225	156084	34.909	ng	99
35) Caprolactam	8.60	113	104123	36.743	ng	# 85
36) 4-Chloro-3-methylphenol	8.71	107	363123	39.928	ng	95
37) 2-Methylnaphthalene	8.86	142	711761	37.056	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	282954	37.398	ng	98
40) Hexachlorocyclopentadiene	9.00	237	59874	28.840	ng	97

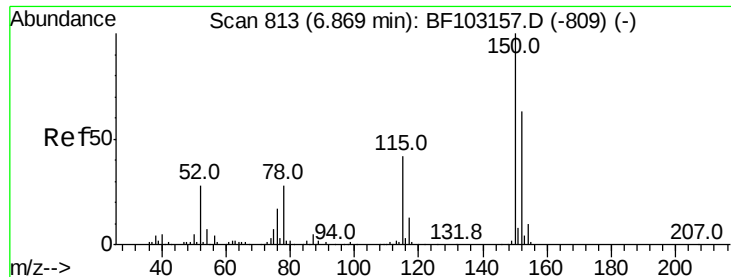
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
 Data File : BF103595.D
 Acq On : 12 Mar 2018 21:17
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:21:09 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)
42) 2,4,6-Trichlorophenol	9.15	196	175093	34.393	nq	98
43) 2,4,5-Trichlorophenol	9.20	196	190373	32.513	nq	95
45) 1,1'-Biphenyl	9.32	154	865193	37.308	nq	98
46) 2-Chloronaphthalene	9.35	162	682873	37.220	nq	98
47) 2-Nitroaniline	9.46	65	278082	40.918	nq	90
48) Acenaphthylene	9.76	152	1016275	36.001	nq	99
49) Dimethylphthalate	9.62	163	761570	34.302	nq	99
50) 2,6-Dinitrotoluene	9.70	165	167753	36.005	nq #	82
51) Acenaphthene	9.93	154	597631	36.307	nq	100
52) 3-Nitroaniline	9.88	138	223637	37.833	nq	99
53) 2,4-Dinitrophenol	10.02	184	39842	30.448	nq #	21
54) Dibenzofuran	10.11	168	833748	36.898	nq	96
55) 4-Nitrophenol	10.07	139	81643	22.285	nq	87
56) 2,4-Dinitrotoluene	10.11	165	212108	35.996	nq #	61
57) Fluorene	10.45	166	681549	35.407	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	112555	28.615	nq	95
59) Diethylphthalate	10.32	149	776480	36.568	nq	100
60) 4-Chlorophenyl-phenylether	10.44	204	302074	37.007	nq	99
61) 4-Nitroaniline	10.50	138	220117	37.282	nq	98
62) Azobenzene	10.60	77	840908	38.906	nq	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	92416	33.331	nq #	79
65) n-Nitrosodiphenylamine	10.56	169	600679	35.944	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	173783	34.759	nq	93
67) Hexachlorobenzene	11.00	284	190674	35.136	nq	99
68) Atrazine	11.09	200	166185	33.085	nq	97
69) Pentachlorophenol	11.21	266	77488	29.532	nq	98
70) Phenanthrene	11.42	178	946351	35.828	nq	99
71) Anthracene	11.47	178	997486	36.827	nq	99
72) Carbazole	11.64	167	1048577	38.876	nq	99
73) Di-n-butylphthalate	11.94	149	1238801	36.704	nq	99
74) Fluoranthene	12.62	202	992849	37.406	nq	98
76) Benzidine	12.75	184	487767	38.303	nq	99
77) Pyrene	12.85	202	1008080	37.959	nq	100
79) Butylbenzylphthalate	13.45	149	551932	39.336	nq	93
80) Benzo(a)anthracene	14.05	228	827686	37.450	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	289325	36.682	nq	97
82) Chrysene	14.09	228	818279	38.132	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	668483	35.305	nq #	99
84) Di-n-octyl phthalate	14.62	149	1174738	38.400	nq	97
85) Indeno(1,2,3-cd)pyrene	17.12	276	660607	38.885	nq	98
87) Benzo(b)fluoranthene	15.12	252	764319	35.334	nq	97
88) Benzo(k)fluoranthene	15.15	252	716482	35.174	nq	99
89) Benzo(a)pyrene	15.50	252	676594	35.026	nq #	95
90) Dibenzo(a,h)anthracene	17.12	278	553671	37.094	nq	98
91) Benzo(g,h,i)perylene	17.59	276	564323	38.684	nq	99

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

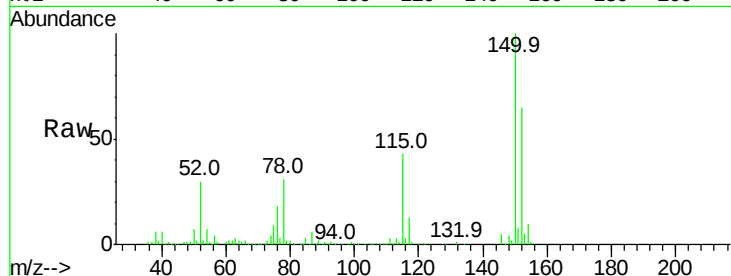


#1

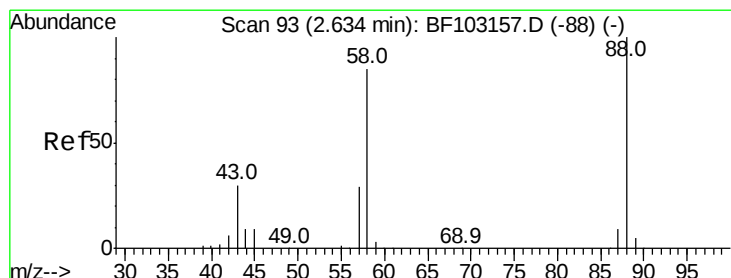
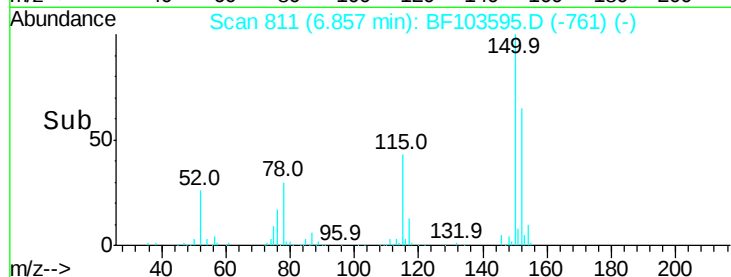
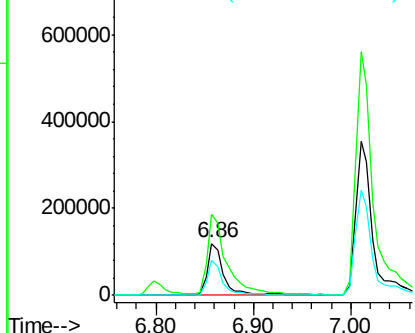
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103595.D
Acq: 12 Mar 2018 21:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 140643
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 67.0 50.1 75.1



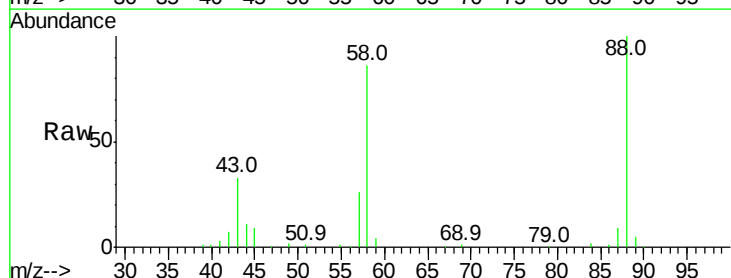
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



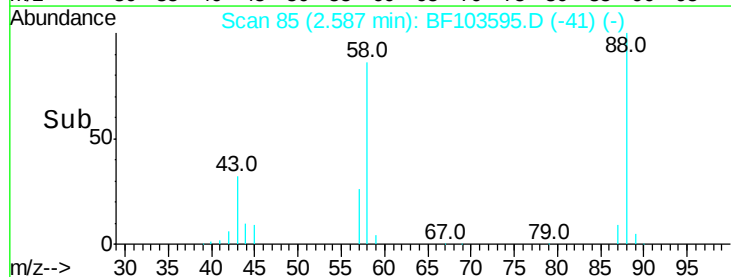
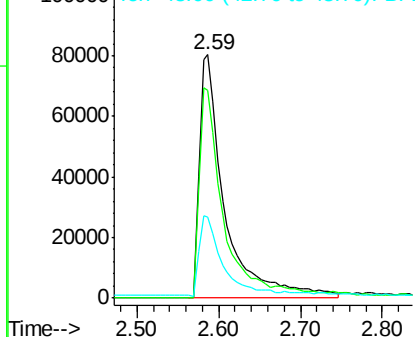
#2

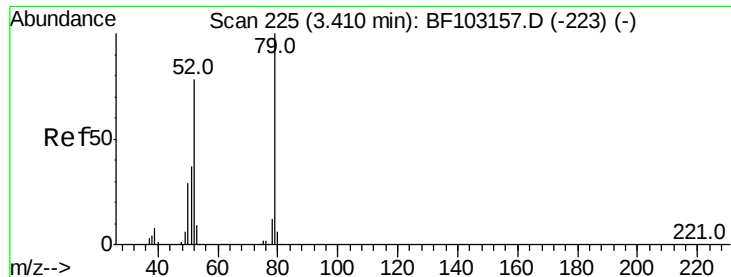
1,4-Dioxane
Concen: 35.406 ng
RT: 2.59 min Scan# 85
Delta R.T. -0.04 min
Lab File: BF103595.D
Acq: 12 Mar 2018 21:17

Tgt Ion: 88 Resp: 173893
Ion Ratio Lower Upper
88 100
58 84.0 62.6 93.8
43 30.8 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: 30.062 ng

RT: 3.40 min Scan# 224

Delta R.T. -0.02 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

Instrument :

BNA_F

ClientSampleId :

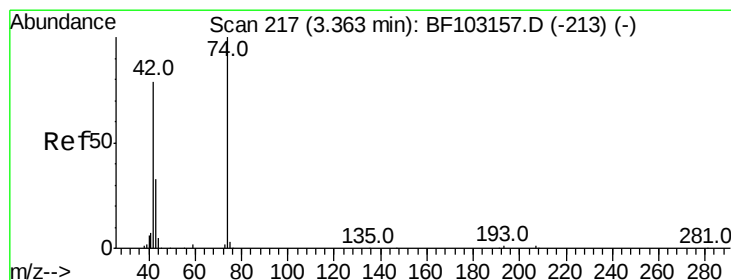
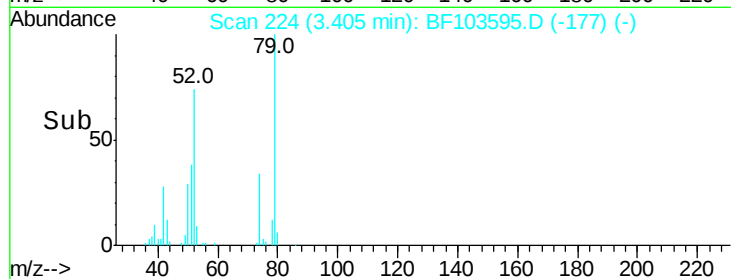
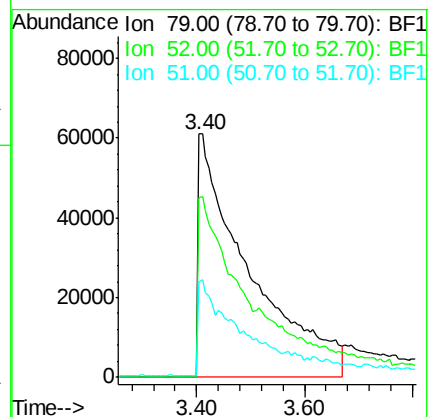
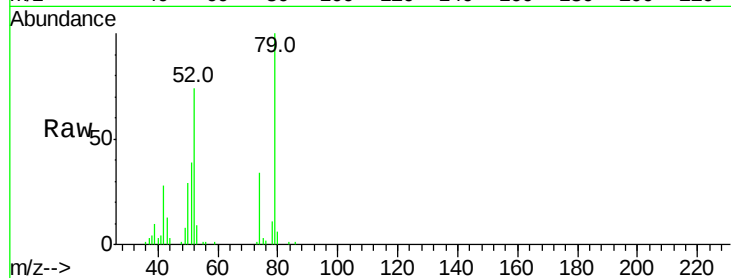
Tot Ion: 79 Resp: 394178

Ion Ratio Lower Upper

79 100

52 73.8 59.8 89.6

51 39.0 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 29.415 ng

RT: 3.37 min Scan# 218

Delta R.T. -0.02 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

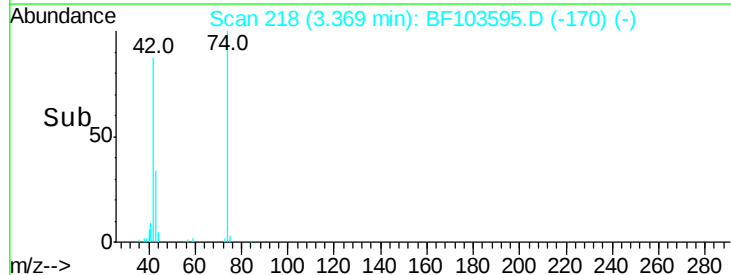
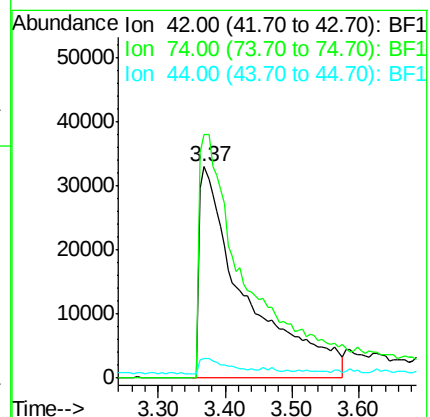
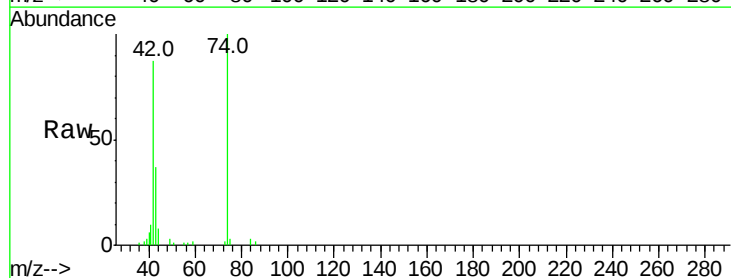
Tgt Ion: 42 Resp: 155553

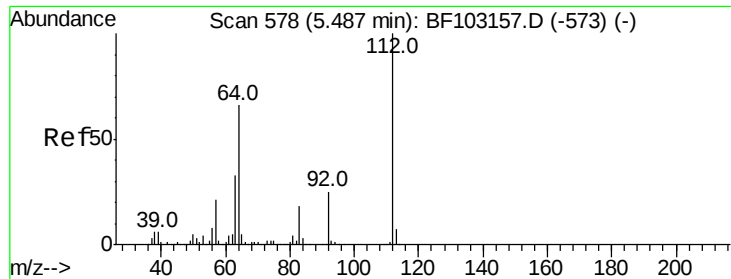
Ion Ratio Lower Upper

42 100

74 115.1 104.9 157.3

44 9.0 6.9 10.3





#5

2-Fluorophenol

Concen: 80.372 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

Instrument :

BNA_F

ClientSampleId :

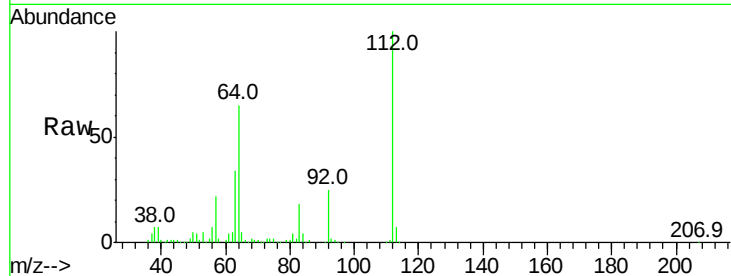
Tot Ion:112 Resp: 747388

Ion Ratio Lower Upper

112 100

64 65.2 47.9 71.9

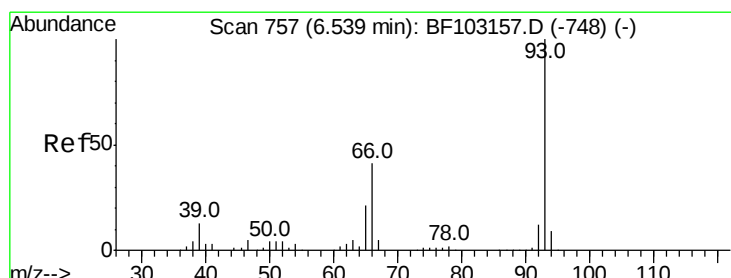
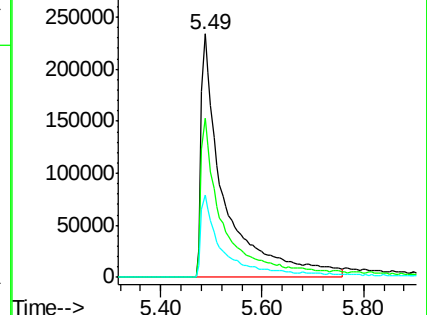
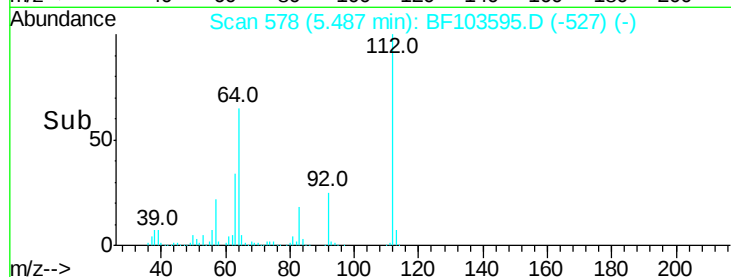
63 34.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.887 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

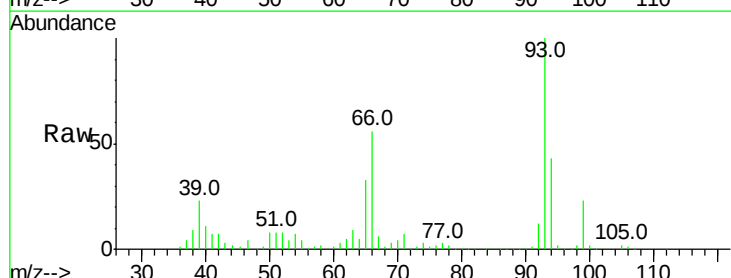
Tgt Ion: 93 Resp: 589352

Ion Ratio Lower Upper

93 100

66 55.8 32.2 48.2#

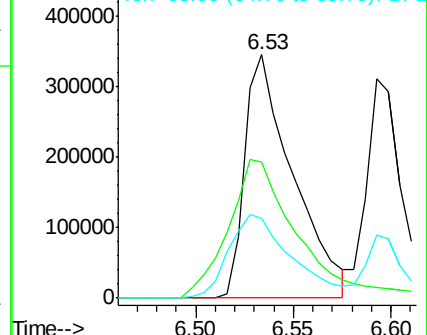
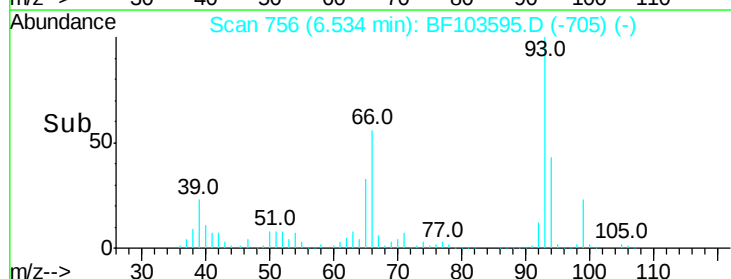
65 32.8 16.4 24.6#

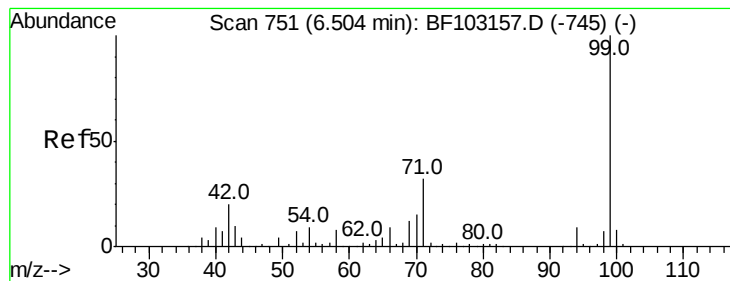


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.001 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

Instrument :

BNA_F

ClientSampleId :

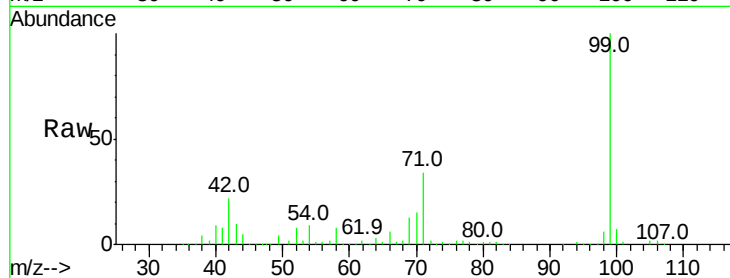
Tot Ion: 99 Resp: 887562

Ion Ratio Lower Upper

99 100

42 21.7 14.5 21.7

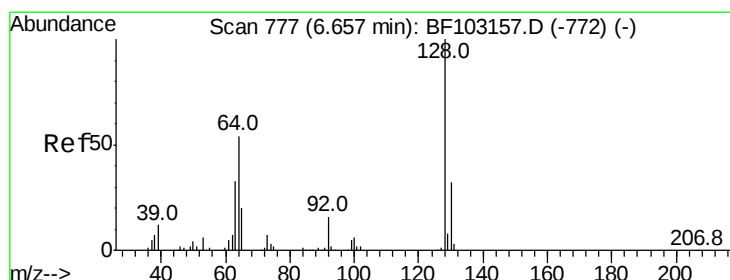
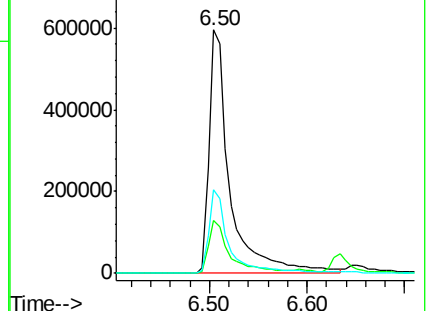
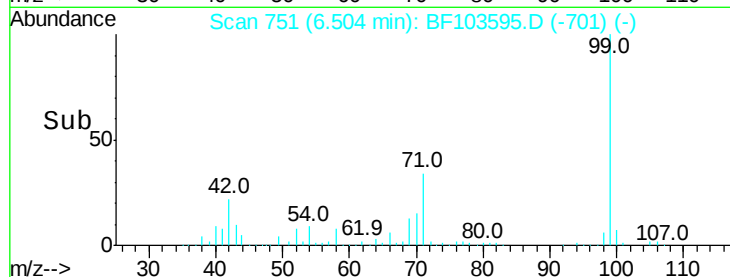
71 34.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.646 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

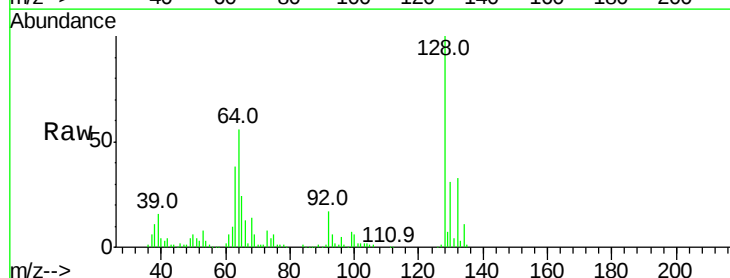
Tgt Ion: 128 Resp: 382994

Ion Ratio Lower Upper

128 100

130 31.4 13.0 53.0

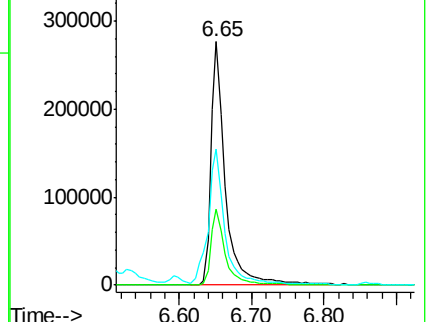
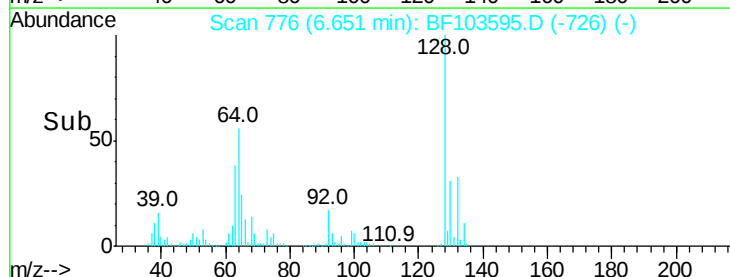
64 56.1 29.4 69.4

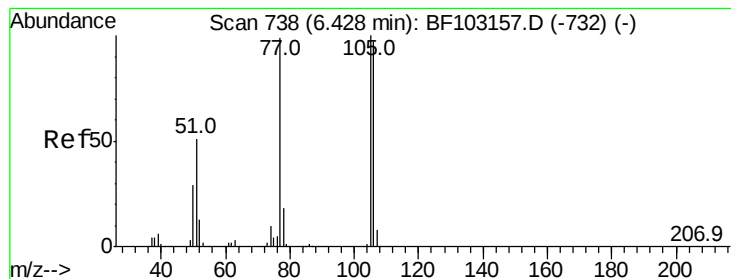


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 32.048 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

Instrument :

BNA_F

ClientSampleId :

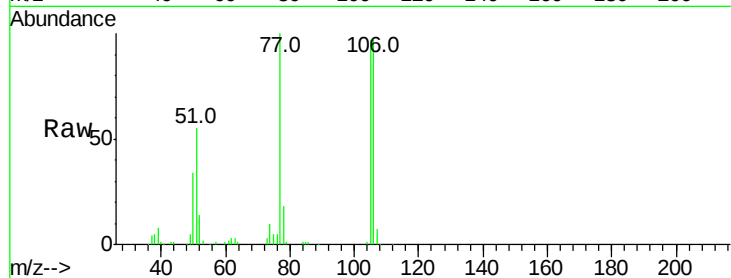
Tot Ion: 77 Resp: 234787

Ion Ratio Lower Upper

77 100

105 96.7 81.1 121.1

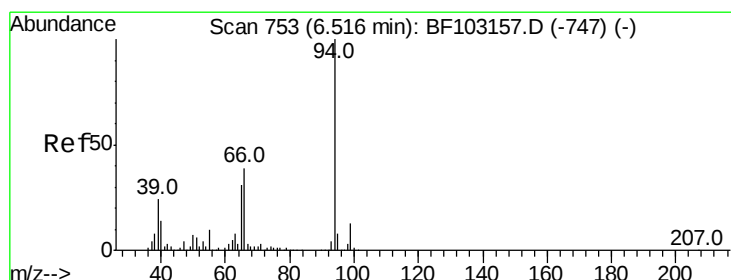
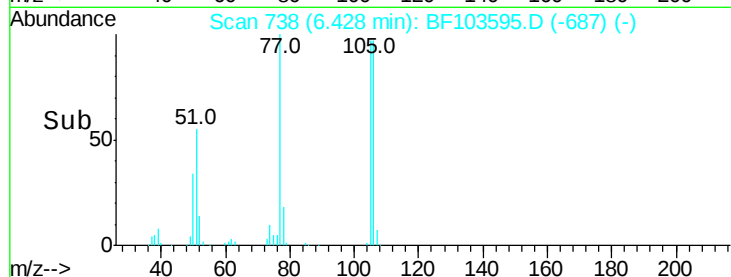
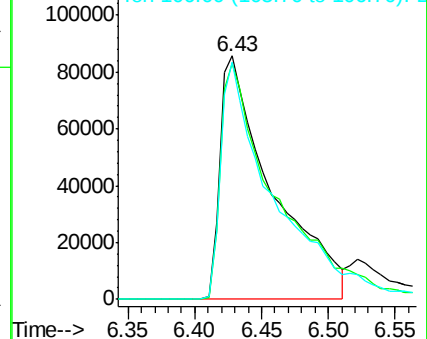
106 97.2 74.5 114.5



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: 42.014 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

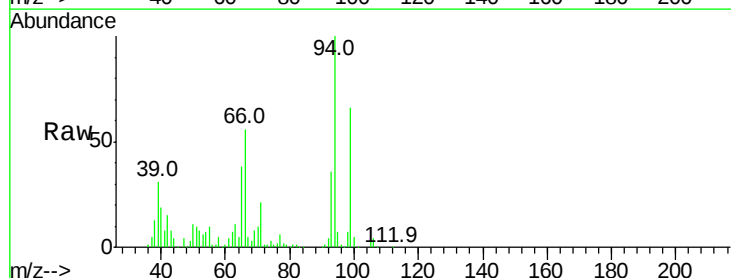
Tgt Ion: 94 Resp: 554997

Ion Ratio Lower Upper

94 100

65 38.0 7.9 47.9

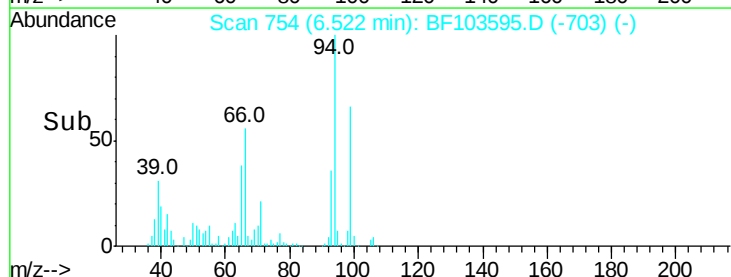
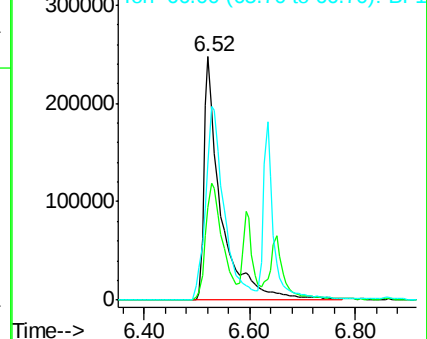
66 56.1 16.2 56.2

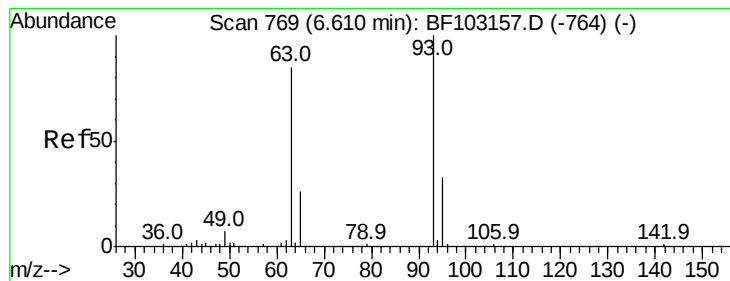


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 36.162 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

Instrument :

BNA_F

ClientSampleId :

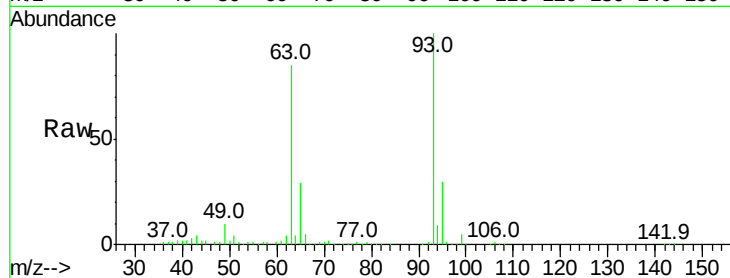
Tot Ion: 93 Resp: 362558

Ion Ratio Lower Upper

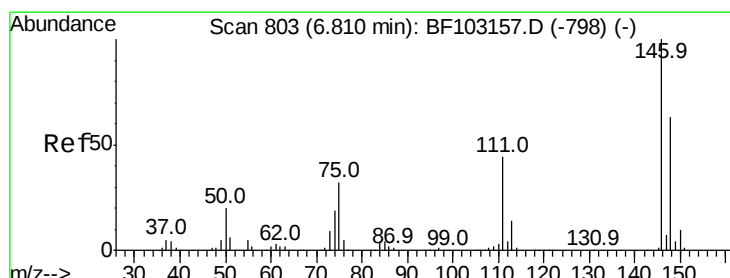
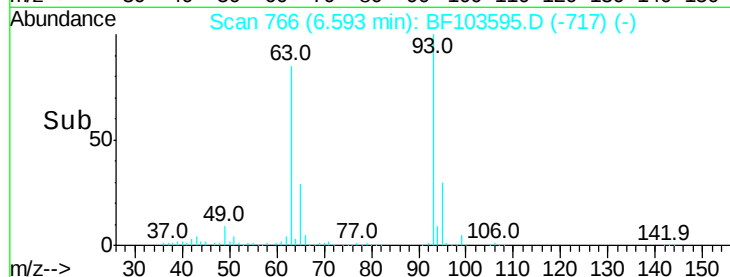
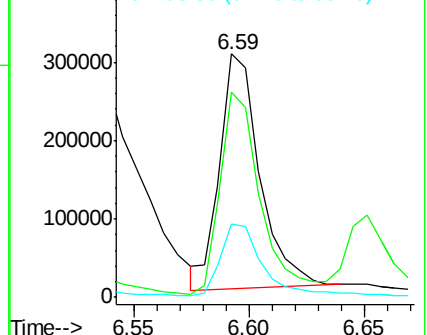
93 100

63 84.5 58.6 98.6

95 30.2 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.555 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

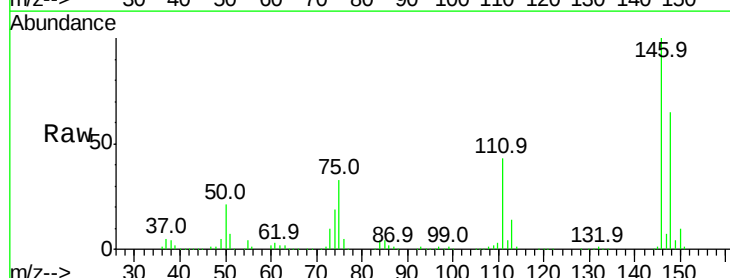
Tgt Ion: 146 Resp: 425635

Ion Ratio Lower Upper

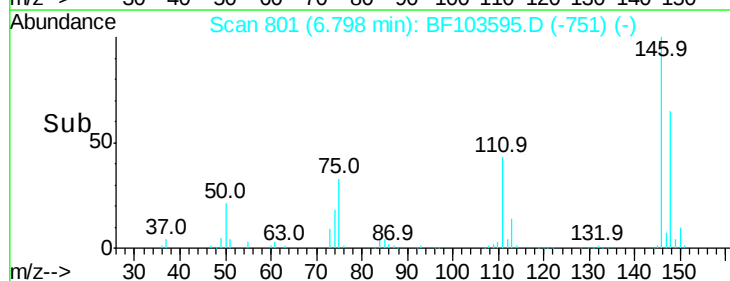
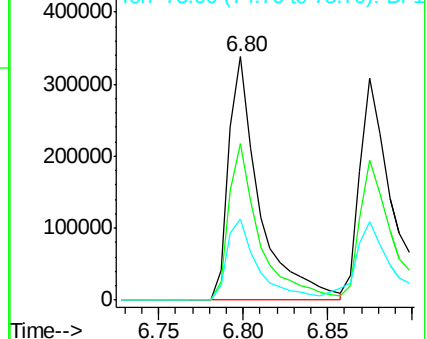
146 100

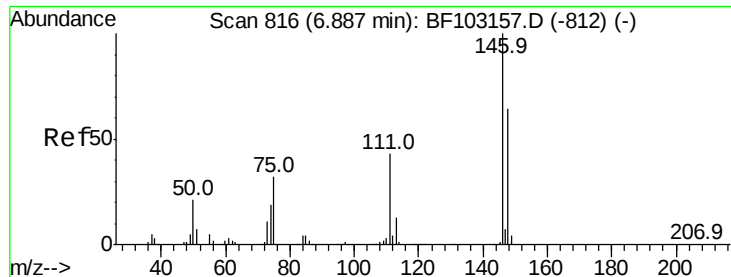
148 64.5 51.8 77.8

75 33.2 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 41.652 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

Instrument :

BNA_F

ClientSampled :

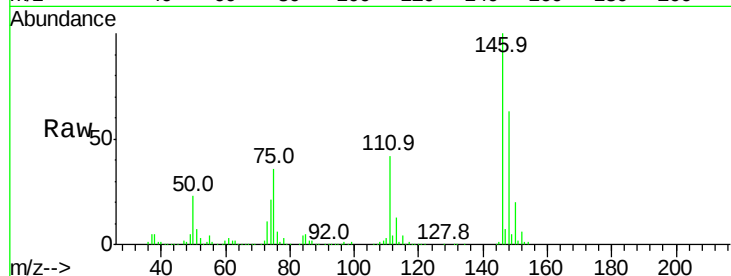
Tot Ion:146 Resp: 461000

Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

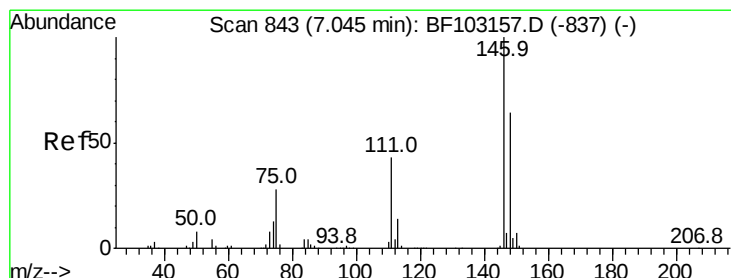
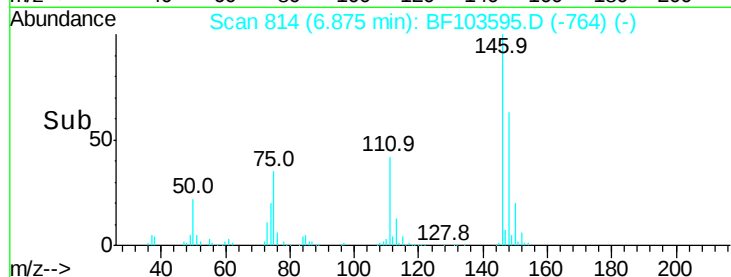
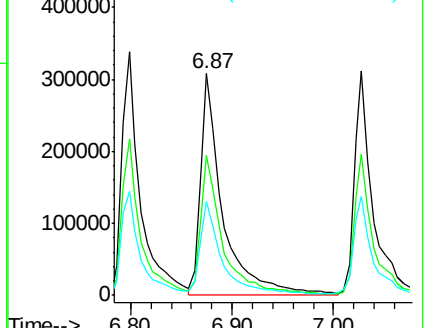
111 42.3 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.011 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

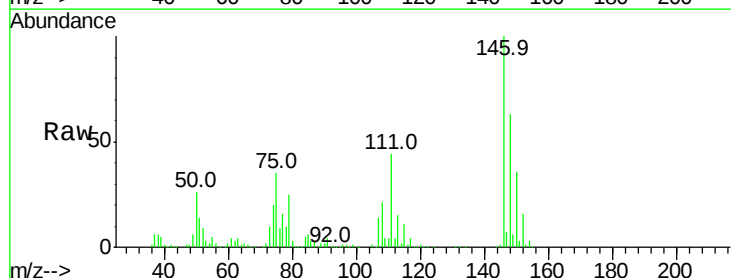
Tgt Ion:146 Resp: 398137

Ion Ratio Lower Upper

146 100

148 62.7 50.6 75.8

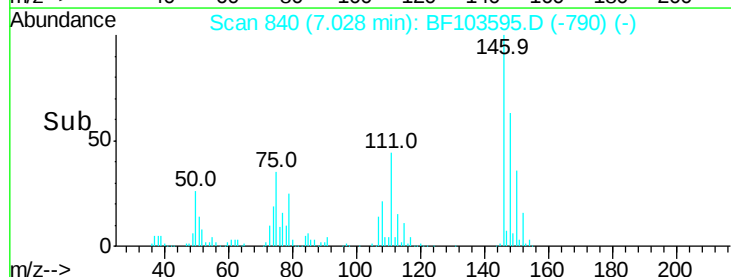
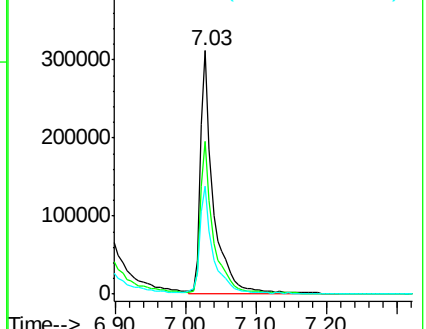
111 44.3 36.0 54.0

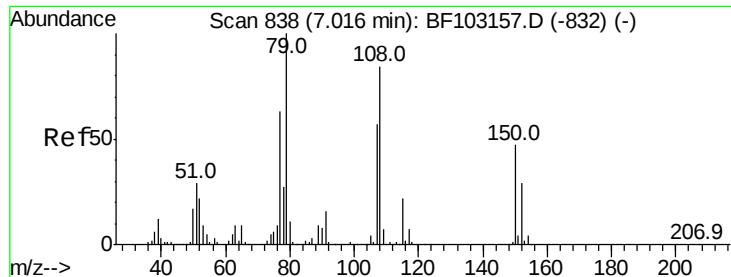


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.630 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

Instrument :

BNA_F

ClientSampled :

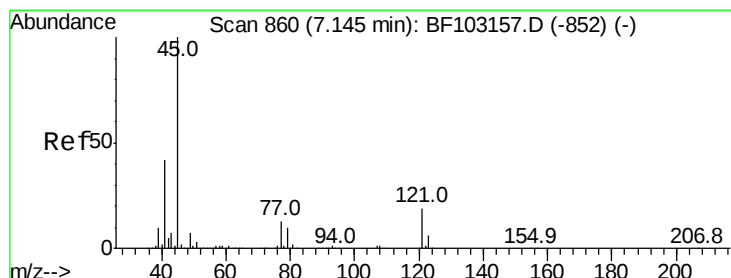
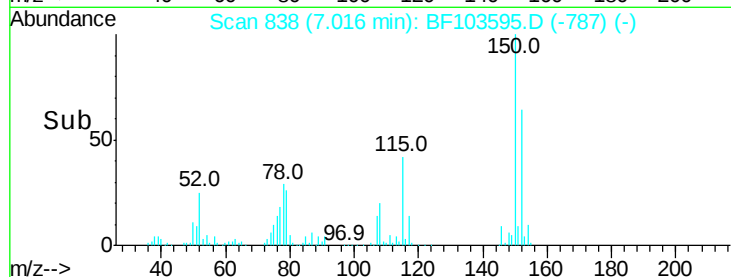
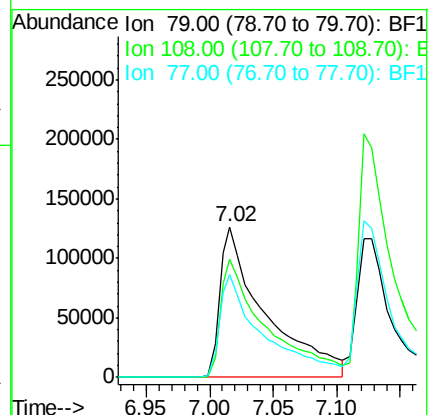
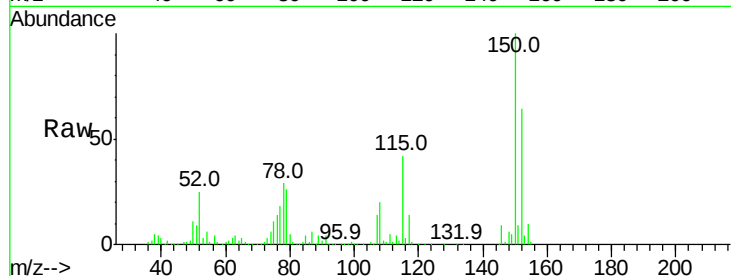
Tot Ion: 79 Resp: 314085

Ion Ratio Lower Upper

79 100

108 78.4 65.1 97.7

77 68.4 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.616 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

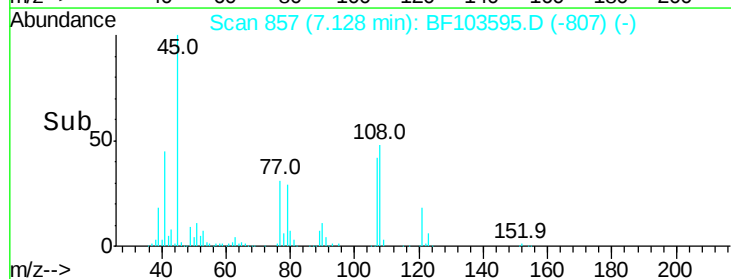
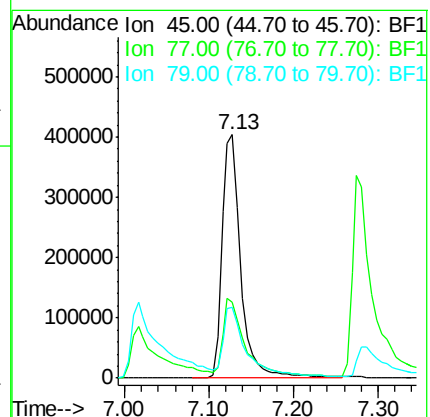
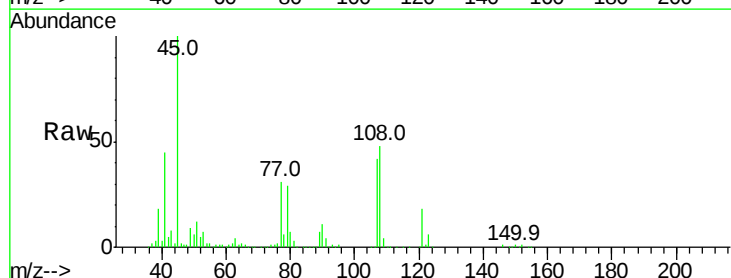
Tgt Ion: 45 Resp: 630400

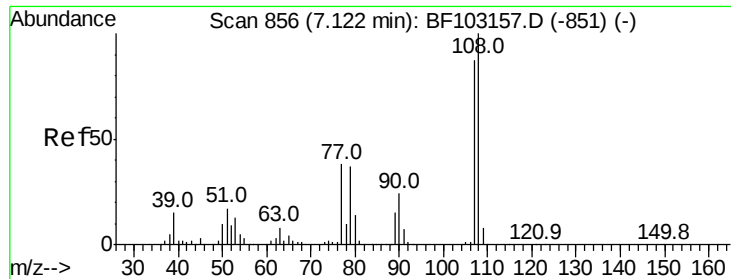
Ion Ratio Lower Upper

45 100

77 31.1 0.0 32.9

79 29.0 0.0 29.6

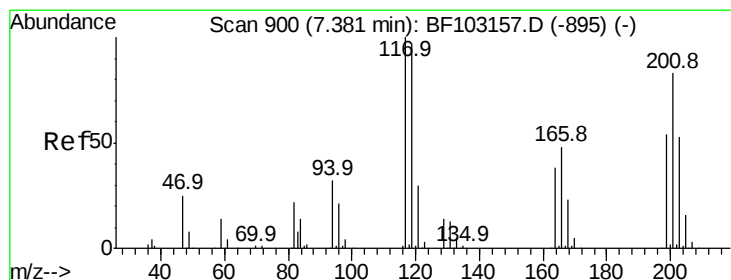
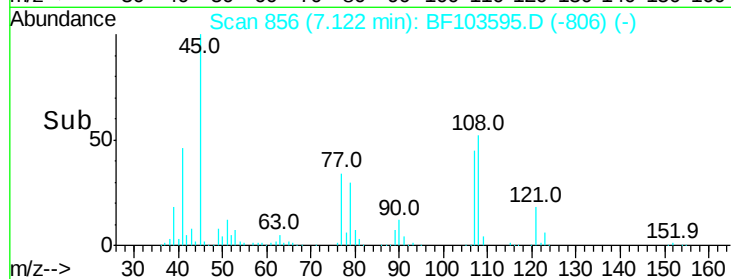
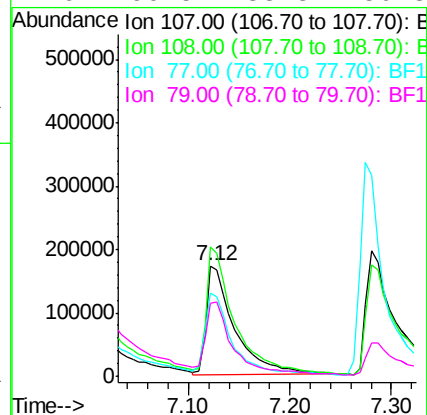
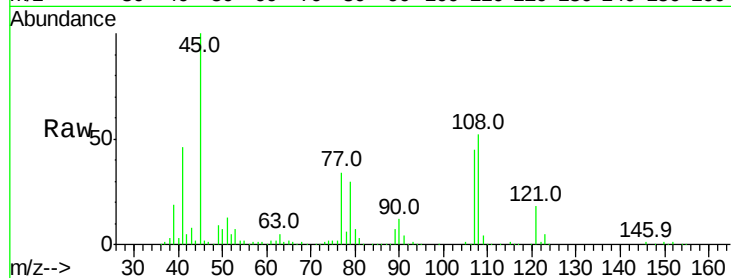




#17
2-Methylphenol
Concen: 38.226 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF103595.D
Acq: 12 Mar 2018 21:17

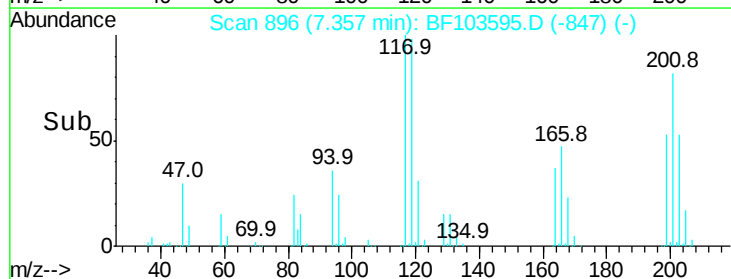
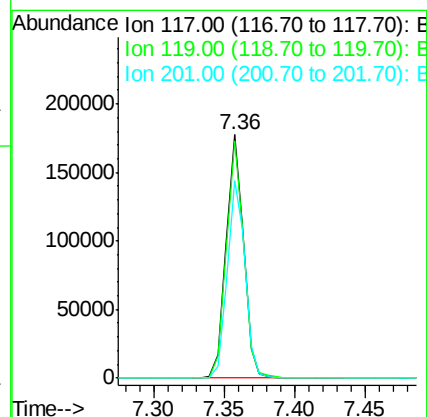
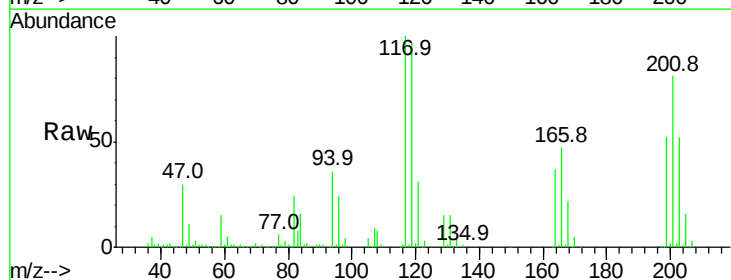
Instrument :
BNA_F
ClientSampled :

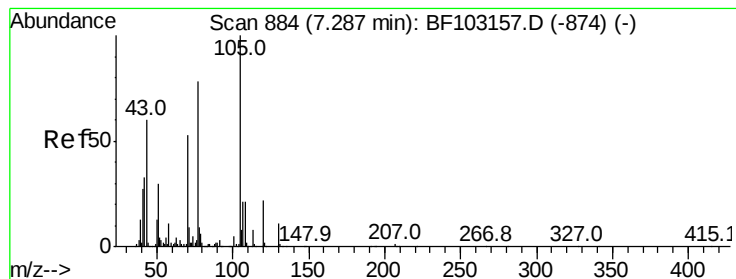
Tot Ion	Ratio	Lower	Upper
107	100		
108	117.3	91.7	137.5
77	75.7	33.8	50.8#
79	66.5	33.8	50.8#



#18
Hexachloroethane
Concen: 38.015 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF103595.D
Acq: 12 Mar 2018 21:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	75.8	113.8
201	81.0	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 43.285 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 306537

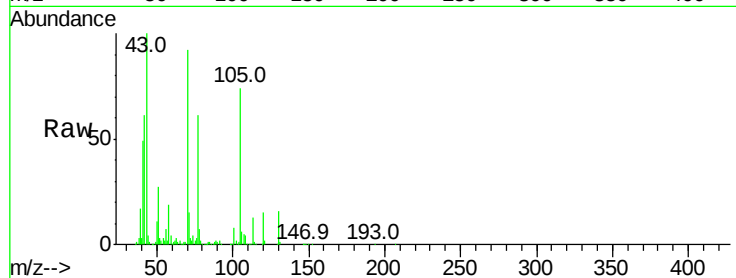
Ion Ratio Lower Upper

70 100

42 66.1 47.5 71.3

101 8.6 7.4 11.2

130 17.9 16.6 25.0

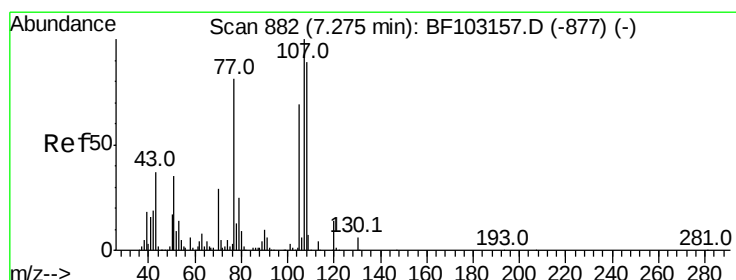
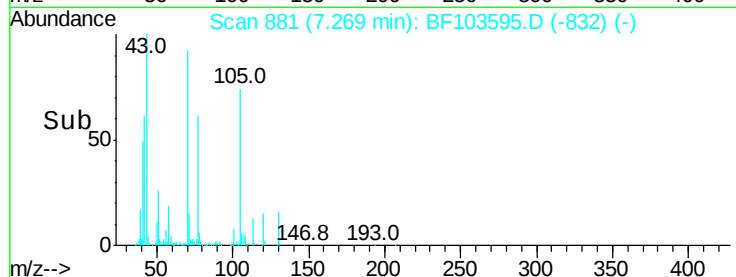
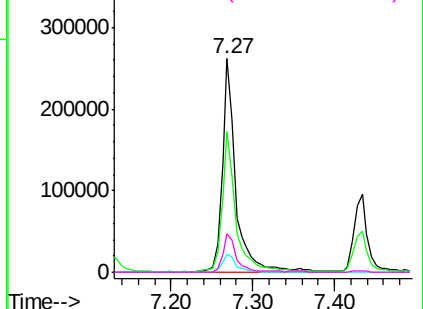


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 41.967 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

Tgt Ion:107 Resp: 449103

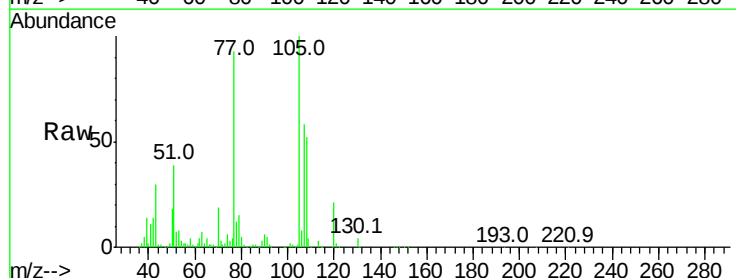
Ion Ratio Lower Upper

107 100

108 89.4 68.2 108.2

77 160.3 26.7 66.7#

79 26.3 6.3 46.3

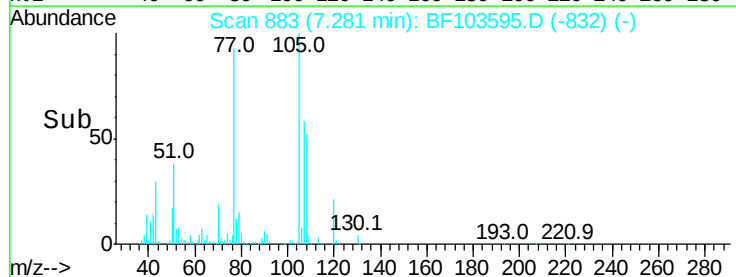
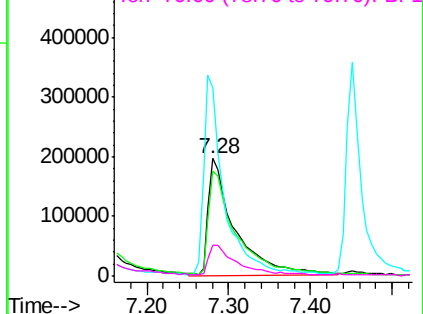


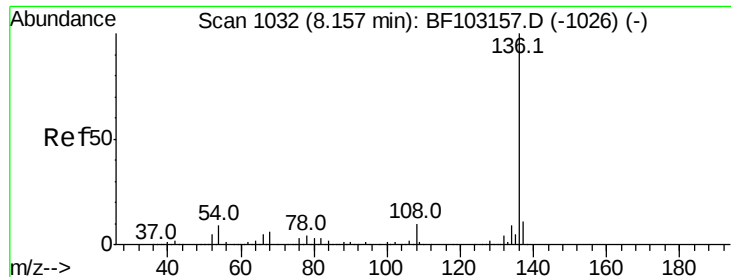
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

Instrument :

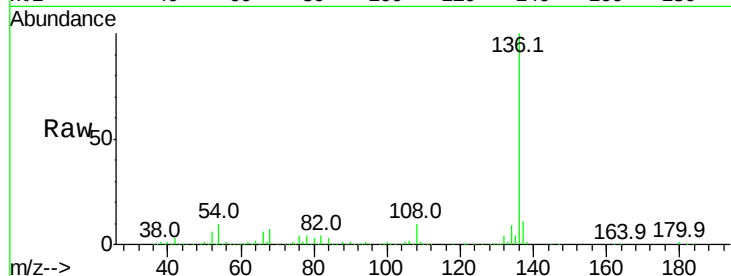
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 607065

Ion Ratio Lower Upper

136	100		
137	10.6	8.9	13.3
54	9.9	6.6	9.8#
68	6.6	5.0	7.4

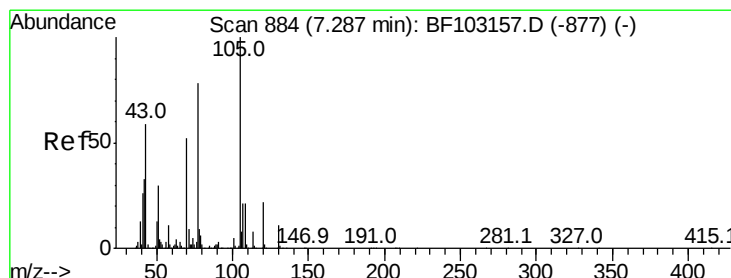
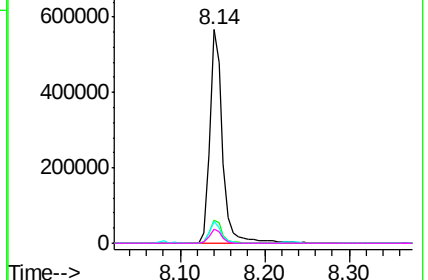
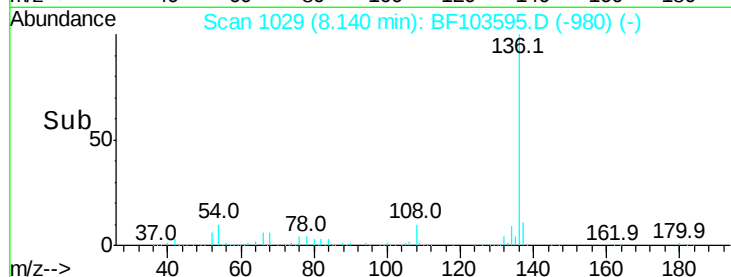


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.532 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

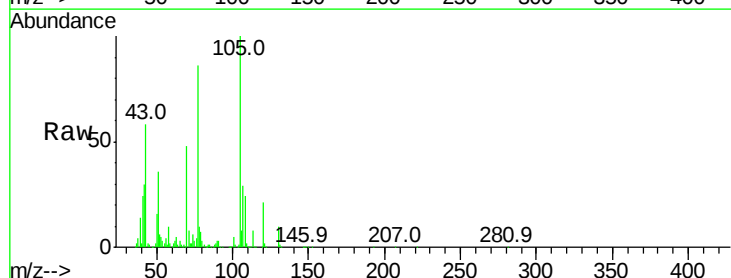
Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

Tgt Ion:105 Resp: 588502

Ion Ratio Lower Upper

105	100		
71	8.1	4.4	6.6#
51	36.1	22.3	33.5#
120	21.0	16.9	25.3

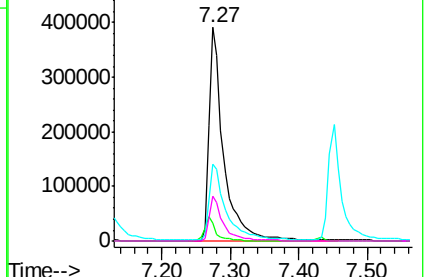
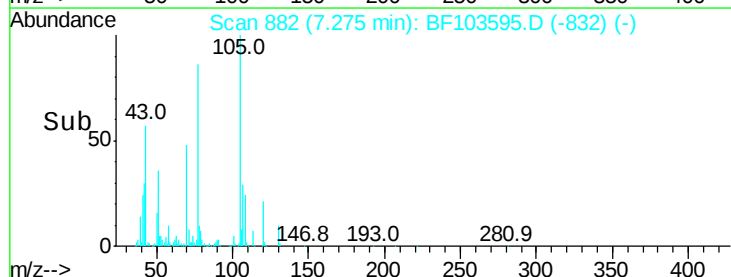


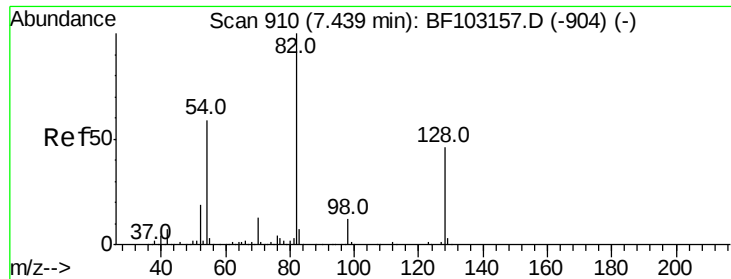
Abundance Ion 105.00 (104.70 to 105.70): E

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

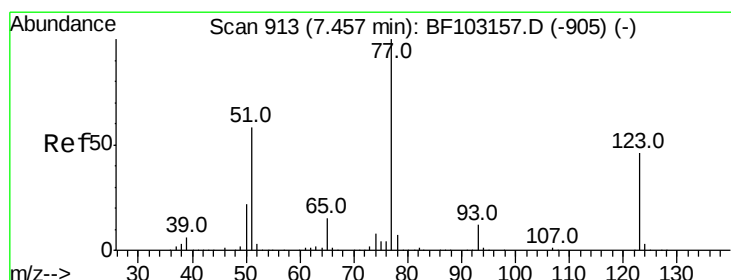
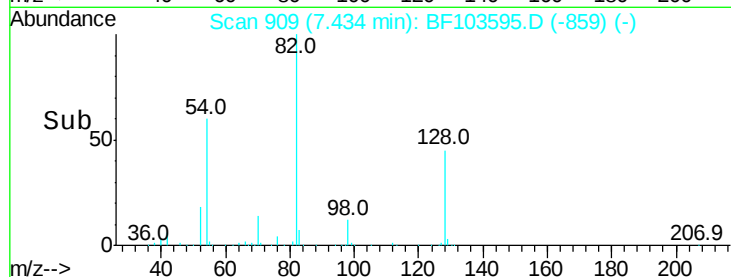
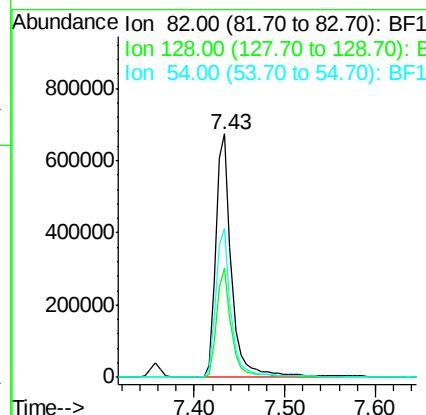
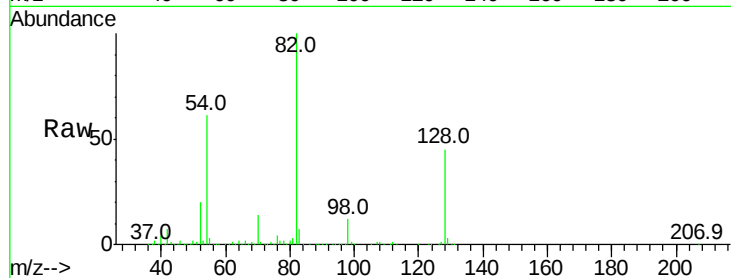




#23
 Nitrobenzene-d5
 Concen: 77.475 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103595.D
 Acq: 12 Mar 2018 21:17

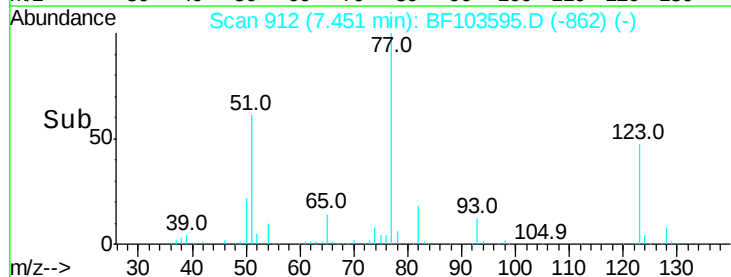
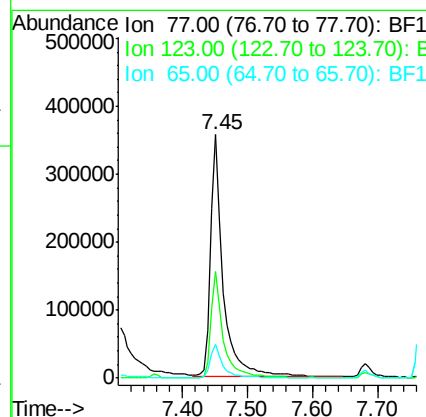
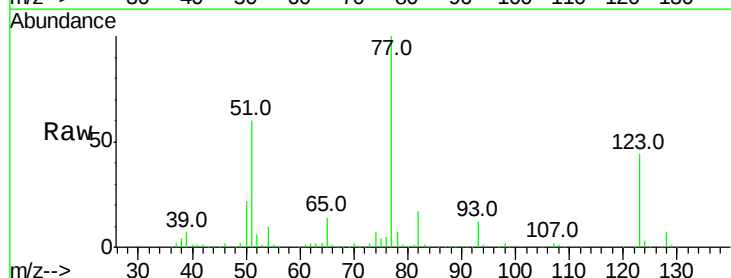
Instrument :
 BNA_F
 ClientSampled :

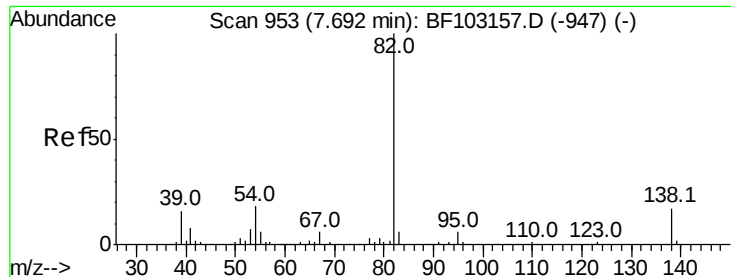
Tot Ion: 82 Resp: 823566
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.1 54.1
 54 61.1 41.4 62.2



#24
 Nitrobenzene
 Concen: 41.087 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF103595.D
 Acq: 12 Mar 2018 21:17

Tgt Ion: 77 Resp: 480873
 Ion Ratio Lower Upper
 77 100
 123 44.0 37.9 56.9
 65 14.1 11.0 16.4





#25

Isophorone

Concen: 38.585 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

Instrument :

BNA_F

ClientSampleId :

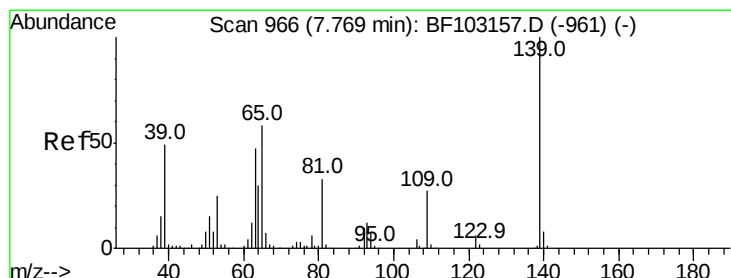
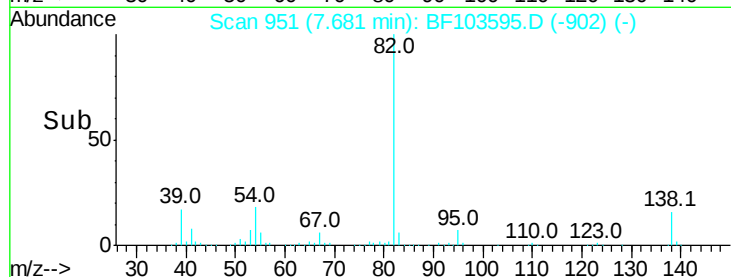
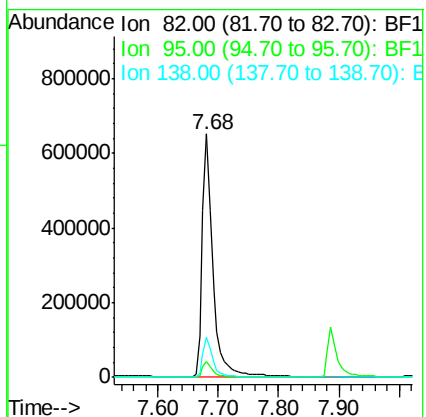
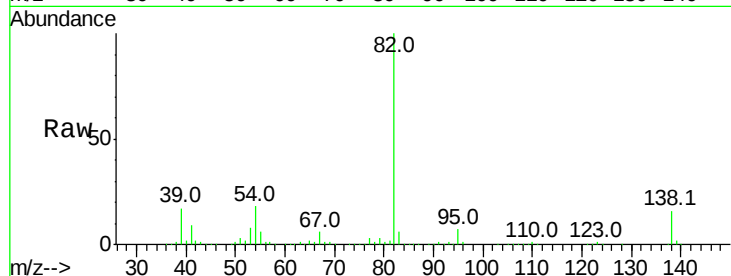
Tot Ion: 82 Resp: 807807

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 16.4 14.9 22.3



#26

2-Nitrophenol

Concen: 39.209 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

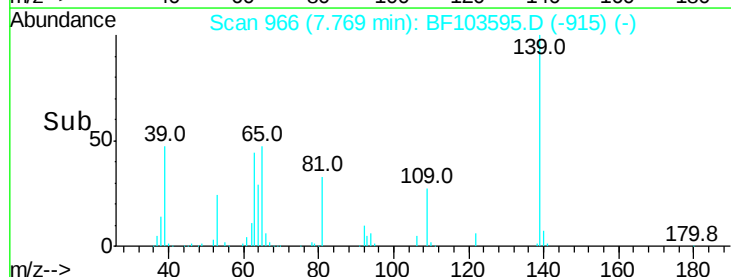
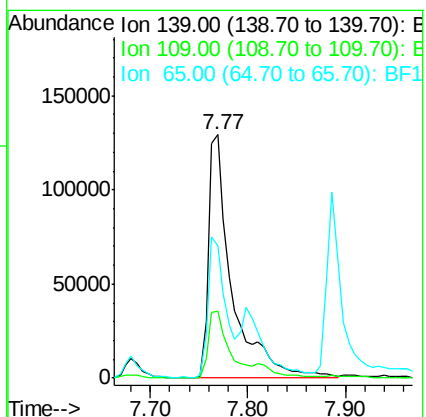
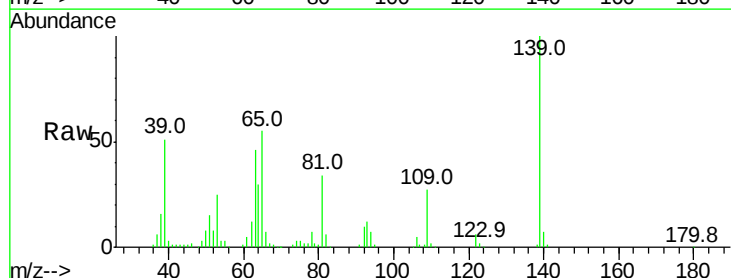
Tgt Ion: 139 Resp: 216028

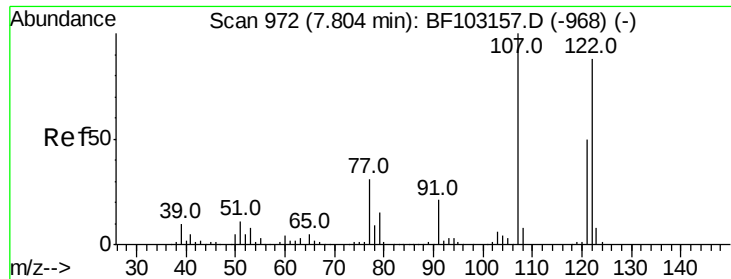
Ion Ratio Lower Upper

139 100

109 27.3 22.7 34.1

65 54.5 40.5 60.7

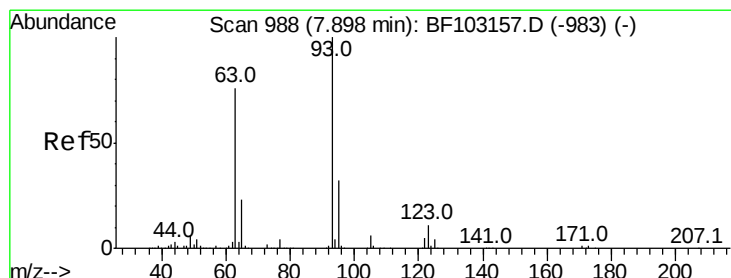
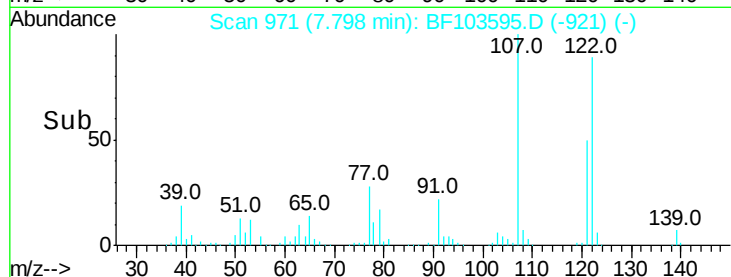
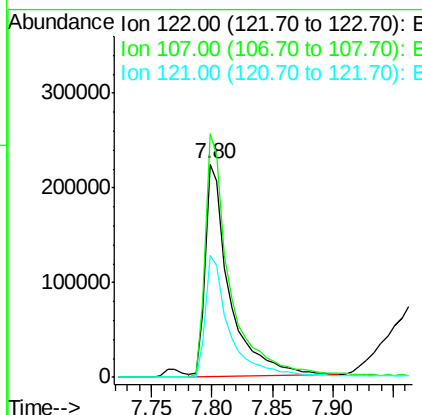
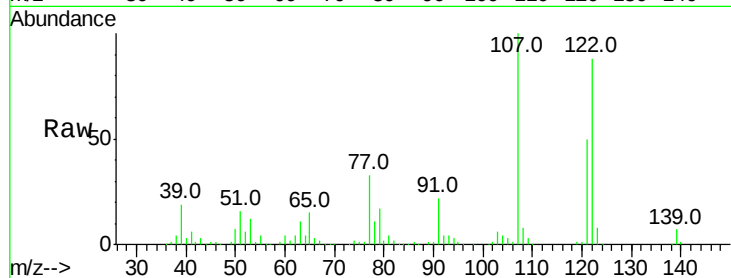




#27
 2,4-Dimethylphenol
 Concen: 36.885 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF103595.D
 Acq: 12 Mar 2018 21:17

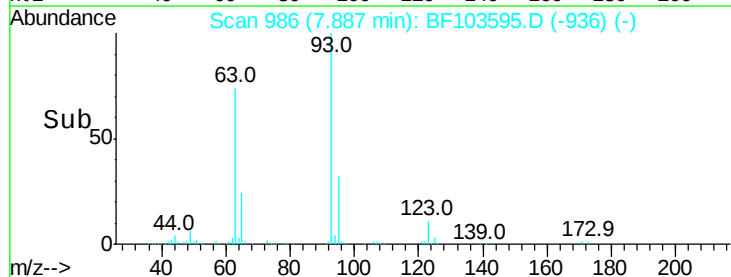
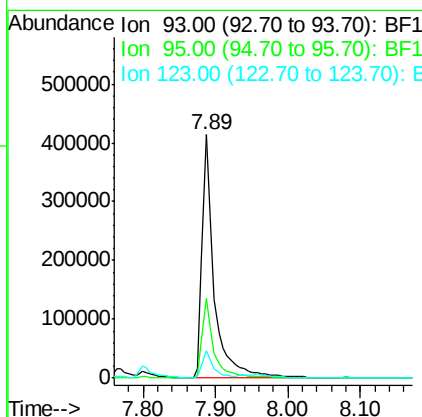
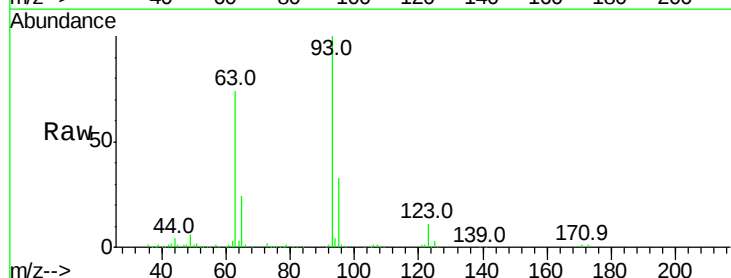
Instrument :
 BNA_F
 ClientSampleId :

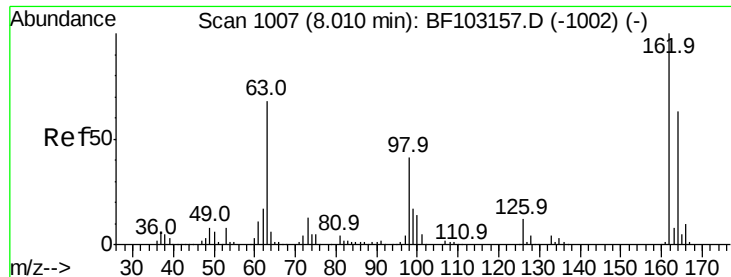
Tot Ion:122 Resp: 310633
 Ion Ratio Lower Upper
 122 100
 107 114.1 91.2 136.8
 121 57.1 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.703 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF103595.D
 Acq: 12 Mar 2018 21:17

Tgt Ion: 93 Resp: 476404
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.3 39.5
 123 11.0 9.8 14.6

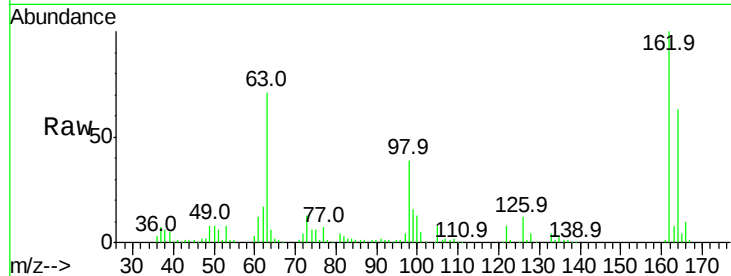




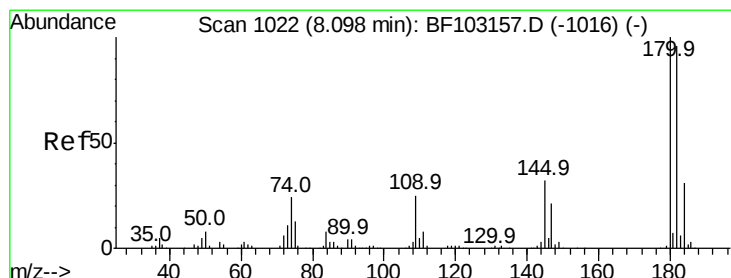
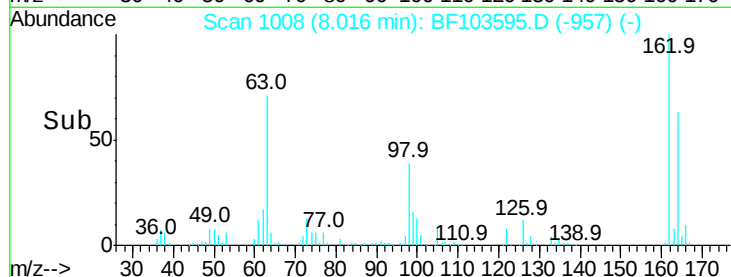
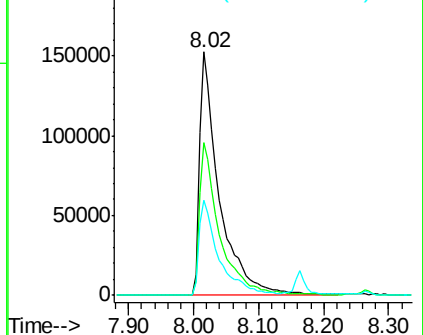
#29
2,4-Dichlorophenol
Concen: 39.729 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF103595.D
Acq: 12 Mar 2018 21:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 320334
Ion Ratio Lower Upper
162 100
164 62.8 42.7 82.7
98 38.8 18.1 58.1

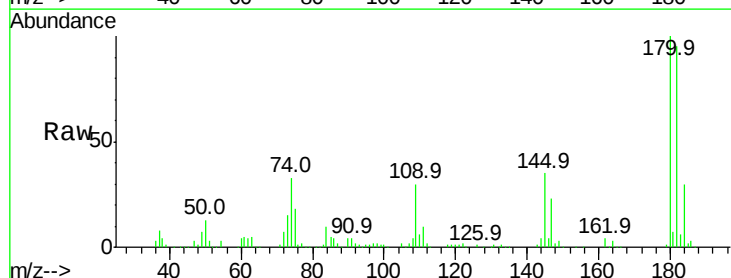


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

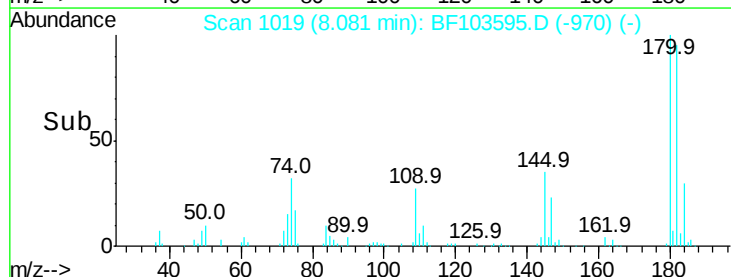
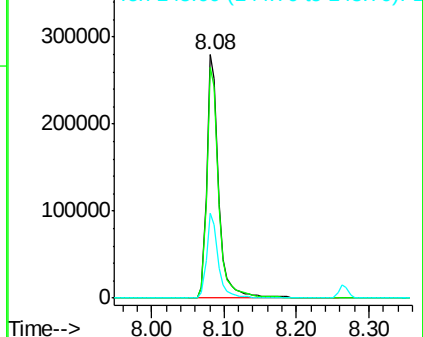


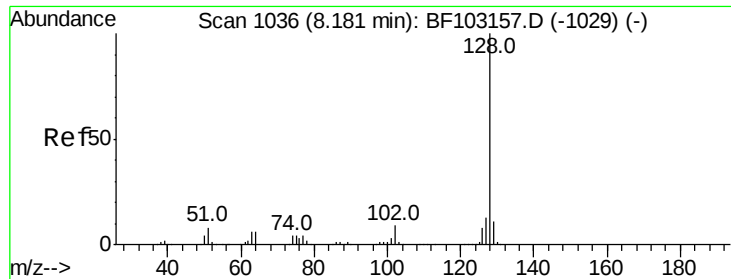
#30
1,2,4-Trichlorobenzene
Concen: 36.982 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF103595.D
Acq: 12 Mar 2018 21:17

Tgt Ion:180 Resp: 317538
Ion Ratio Lower Upper
180 100
182 94.7 76.8 115.2
145 34.8 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

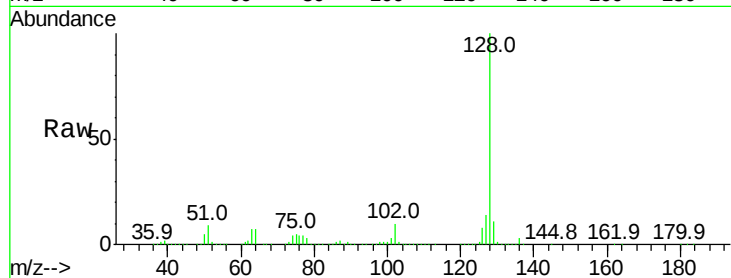




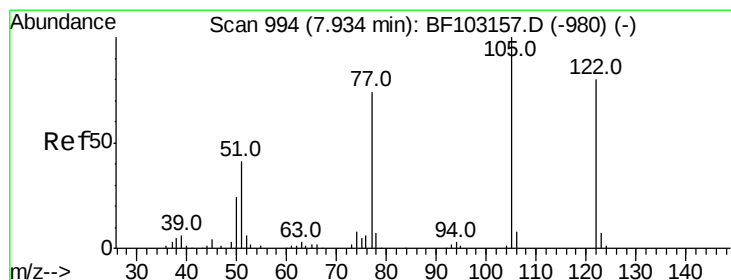
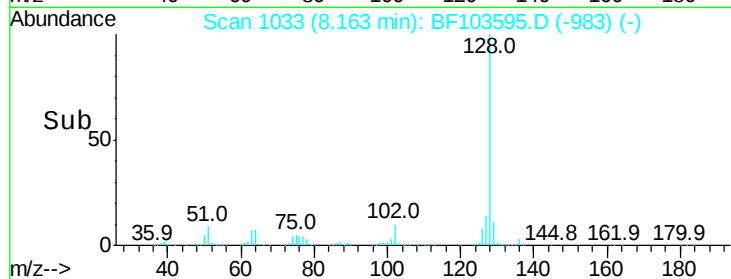
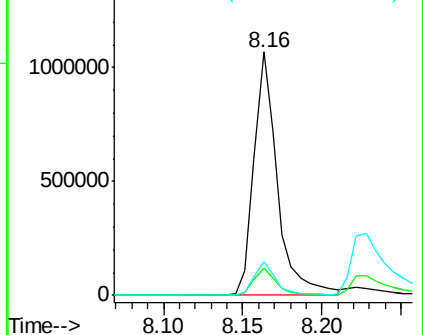
#31
Naphthalene
Concen: 37.077 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF103595.D
Acq: 12 Mar 2018 21:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1101966
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.6 10.9 16.3

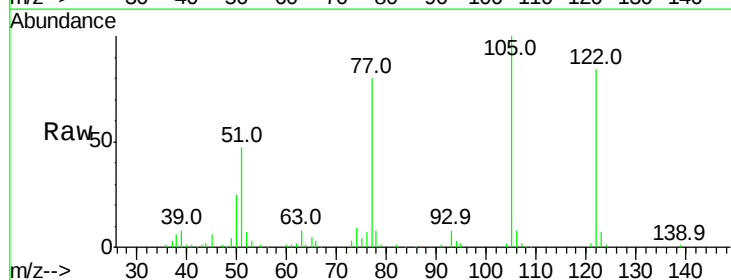


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

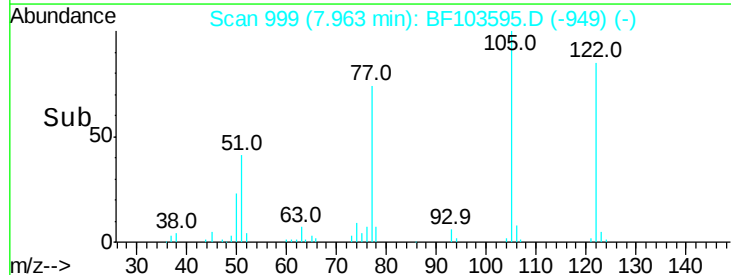
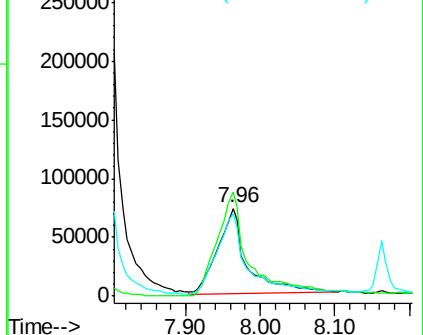


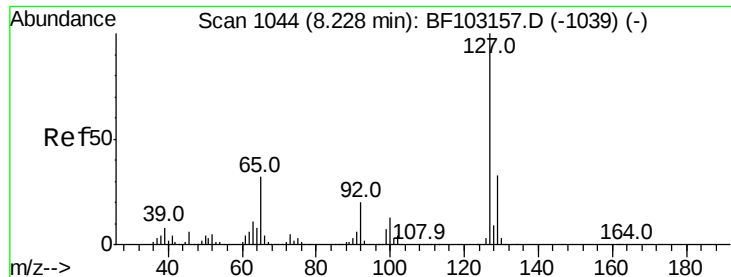
#32
Benzoic acid
Concen: 34.421 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF103595.D
Acq: 12 Mar 2018 21:17

Tgt Ion:122 Resp: 200785
Ion Ratio Lower Upper
122 100
105 118.6 101.1 141.1
77 94.4 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

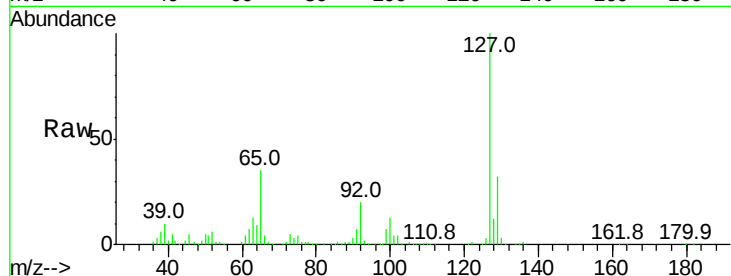




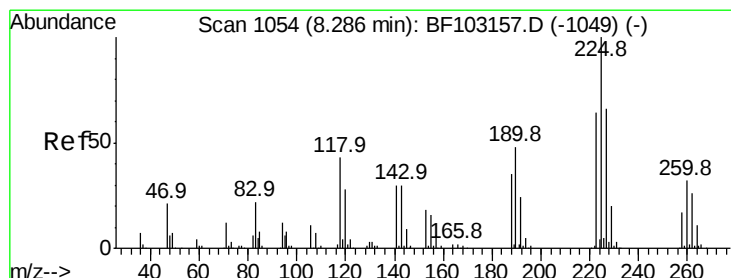
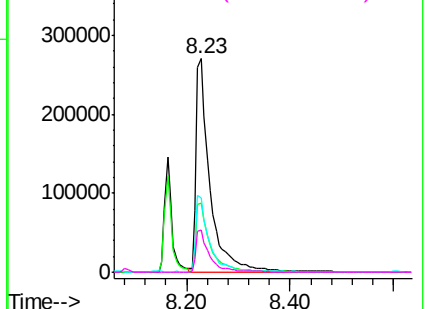
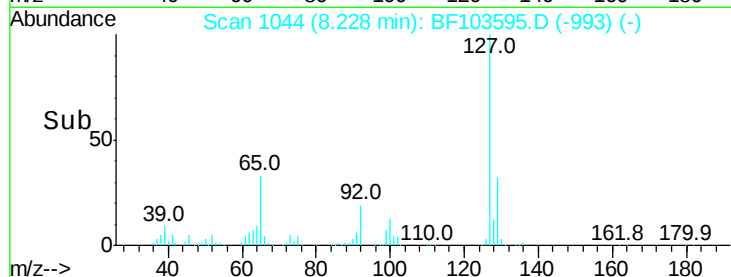
#33
 4-Chloroaniline
 Concen: 39.167 ng
 RT: 8.23 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF103595.D
 Acq: 12 Mar 2018 21:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:127	Resp:	502317
Ion Ratio	Lower	Upper
127	100	
129	32.5	25.9 38.9
65	35.1	25.0 37.4
92	19.6	15.2 22.8

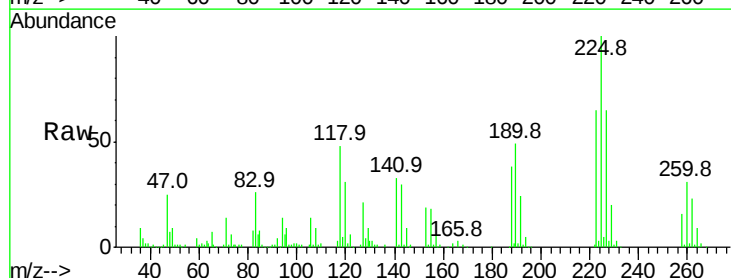


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

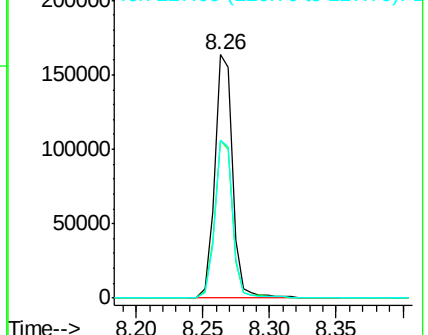
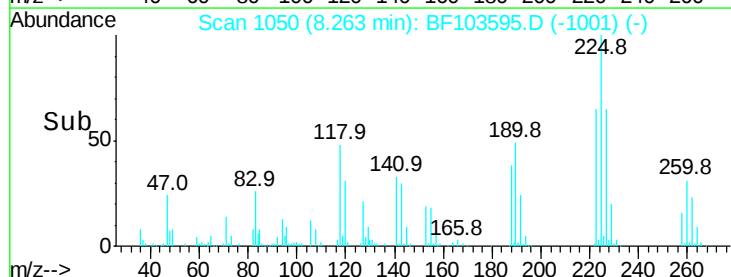


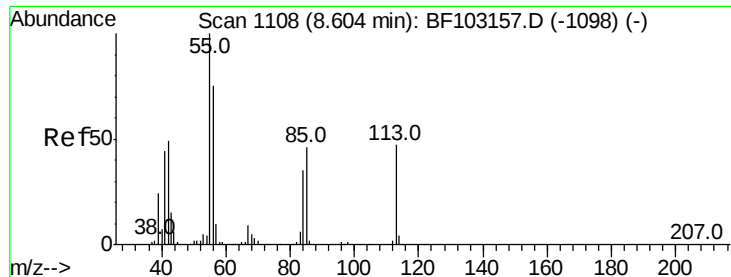
#34
 Hexachlorobutadiene
 Concen: 34.909 ng
 RT: 8.26 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF103595.D
 Acq: 12 Mar 2018 21:17

Tgt Ion:225	Resp:	156084
Ion Ratio	Lower	Upper
225	100	
223	65.1	50.6 76.0
227	64.8	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: 36.743 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

Instrument :

BNA_F

ClientSampleId :

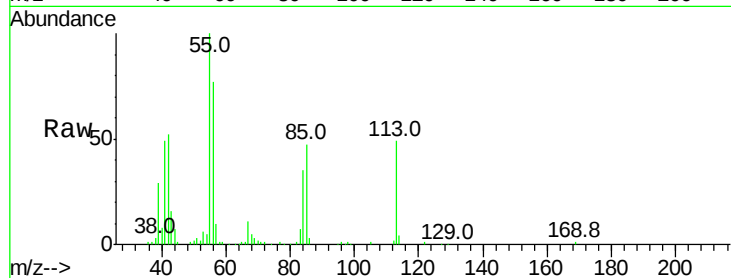
Tot Ion:113 Resp: 104123

Ion Ratio Lower Upper

113 100

55 203.9 163.3 203.3#

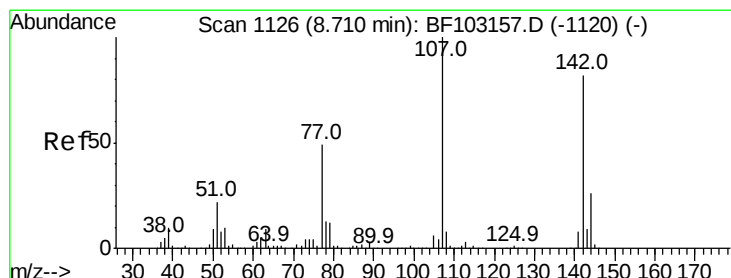
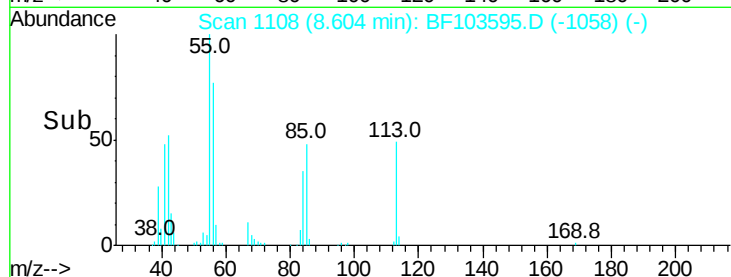
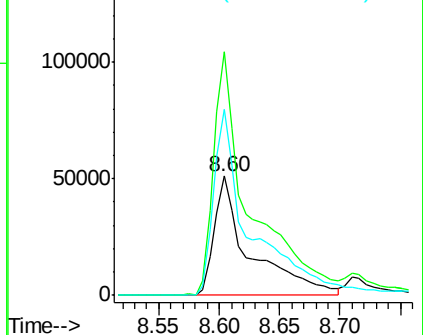
56 156.0 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.928 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

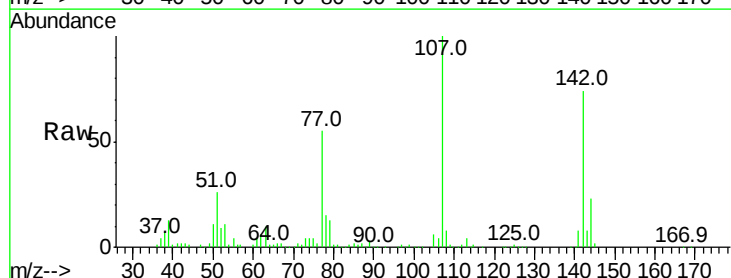
Tgt Ion:107 Resp: 363123

Ion Ratio Lower Upper

107 100

144 22.9 20.5 30.7

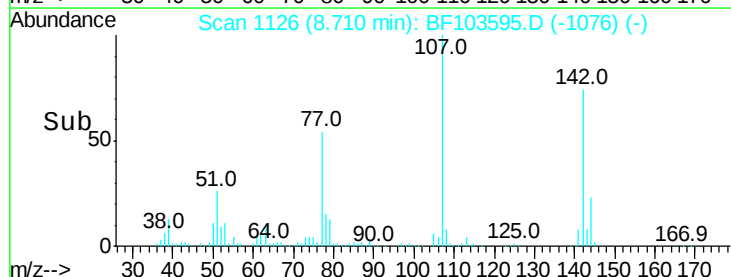
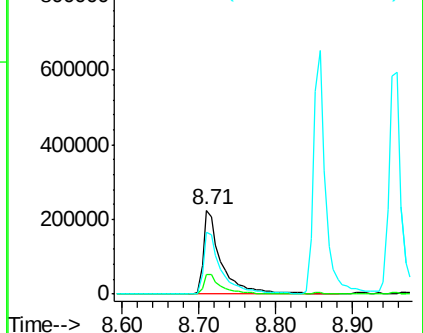
142 73.7 62.0 93.0

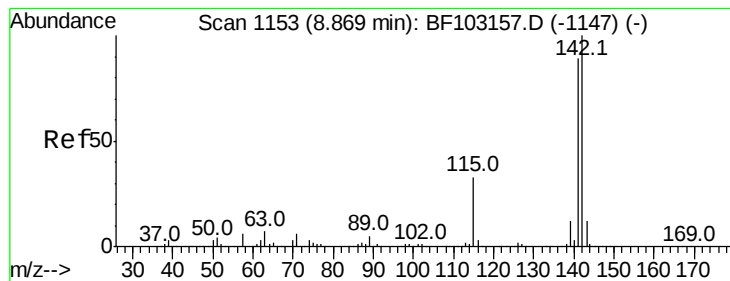


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.056 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

Instrument :

BNA_F

ClientSampleId :

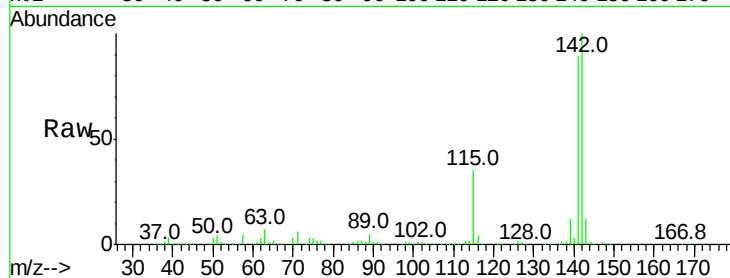
Tot Ion:142 Resp: 711761

Ion Ratio Lower Upper

142 100

141 89.5 70.8 106.2

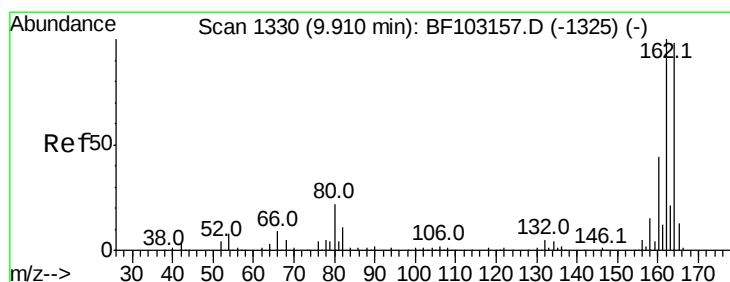
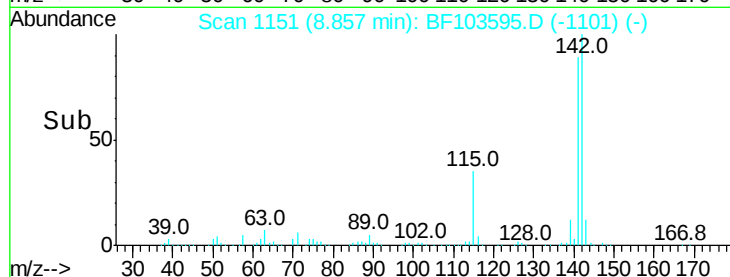
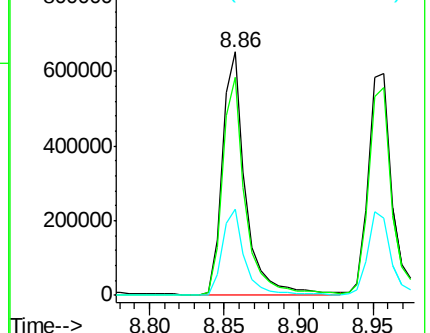
115 35.5 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

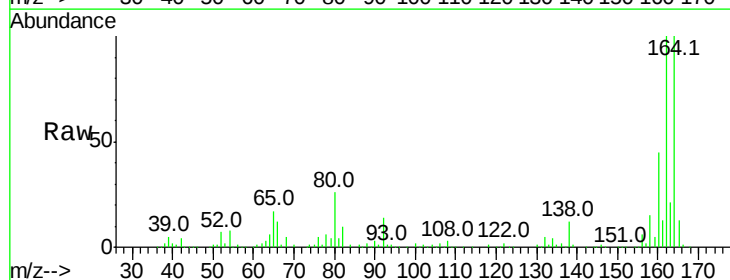
Tgt Ion:164 Resp: 276755

Ion Ratio Lower Upper

164 100

162 100.2 86.1 129.1

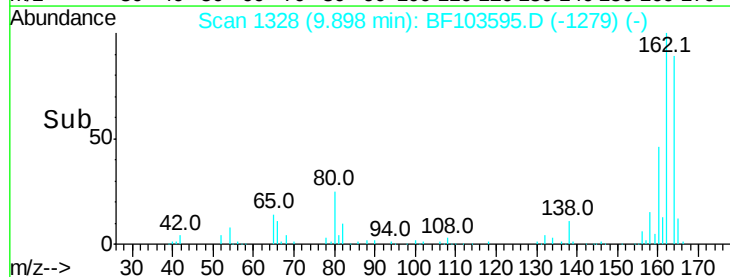
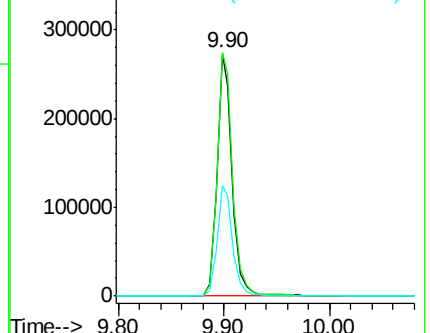
160 45.5 38.3 57.5

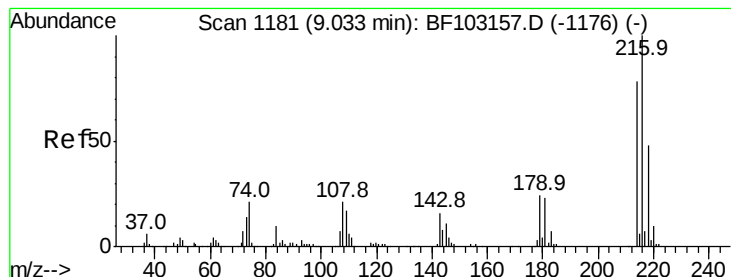


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.398 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 282954

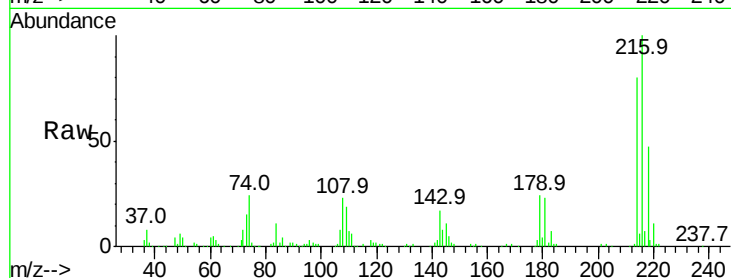
Ion Ratio Lower Upper

216 100

214 80.1 63.0 94.4

179 23.4 18.1 27.1

108 23.5 17.2 25.8

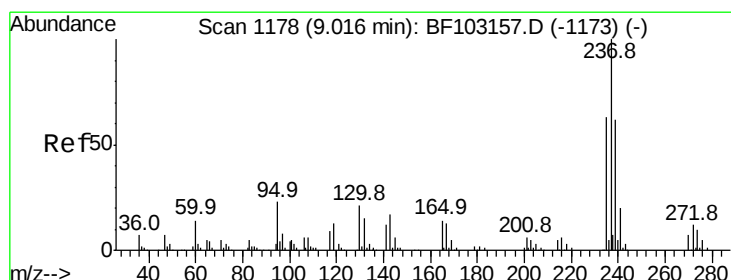
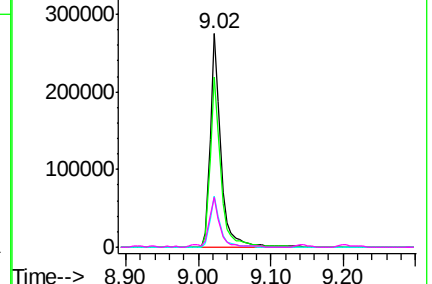
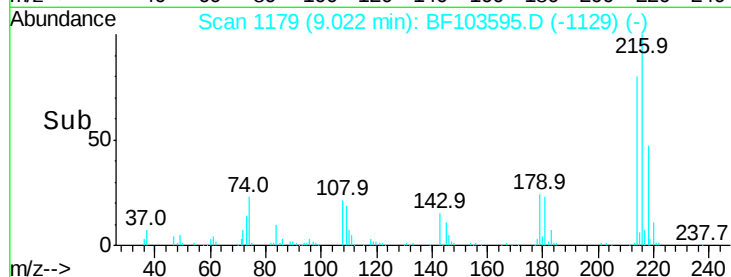


Abundance Ion 216.00 (215.70 to 216.70): E

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: 28.840 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

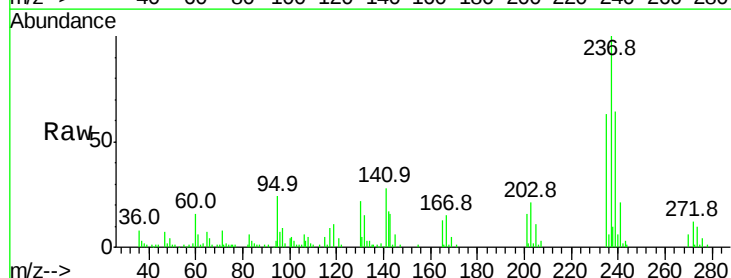
Tgt Ion:237 Resp: 59874

Ion Ratio Lower Upper

237 100

235 62.6 44.8 84.8

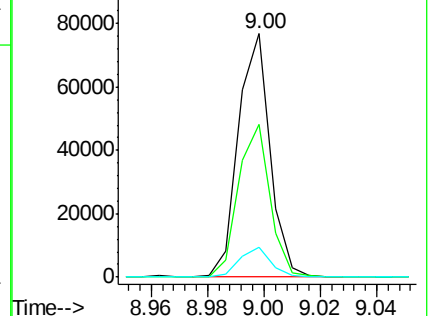
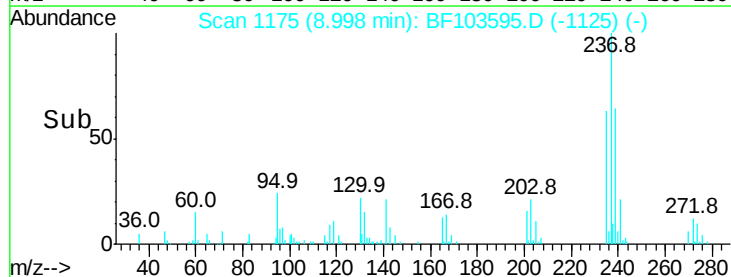
272 12.1 0.0 33.3

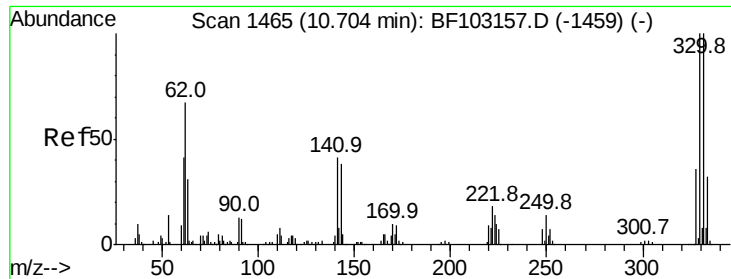


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

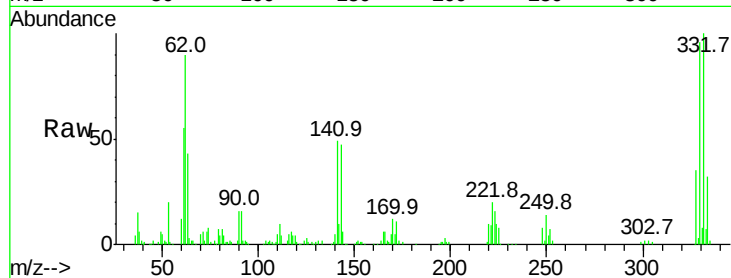




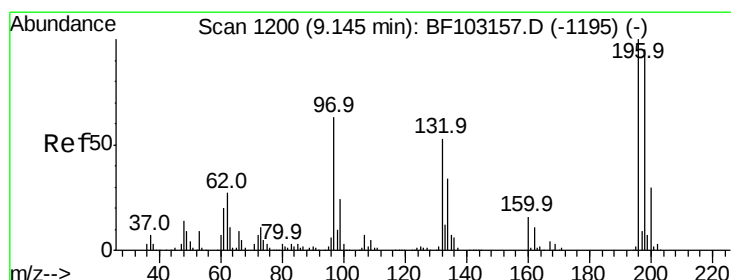
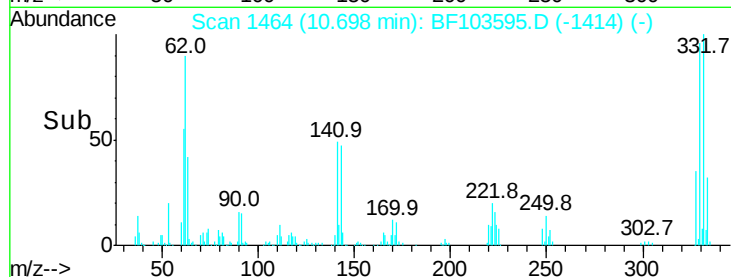
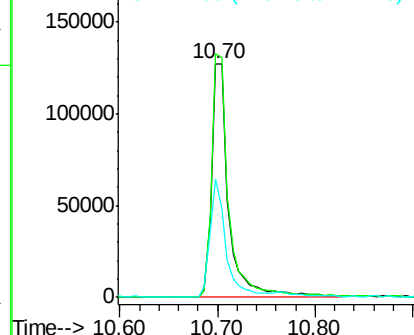
#41
 2,4,6-Tribromophenol
 Concen: 67.061 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103595.D
 Acq: 12 Mar 2018 21:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 157095
 Ion Ratio Lower Upper
 330 100
 332 105.1 77.0 115.6
 141 46.6 29.9 44.9#

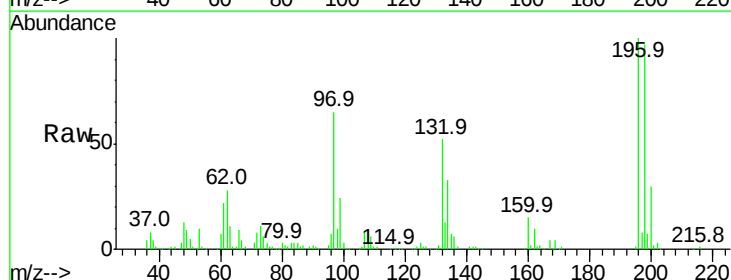


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

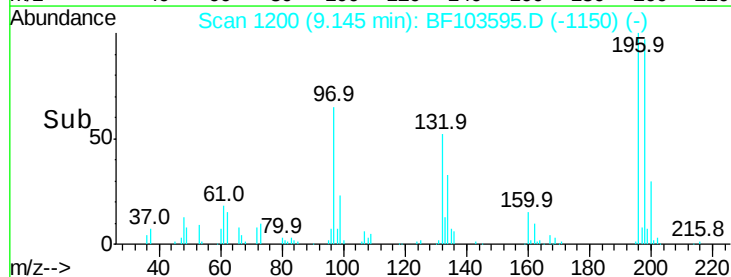
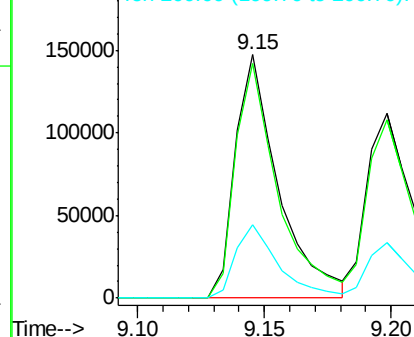


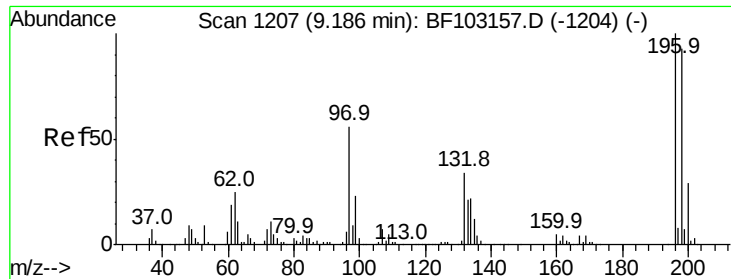
#42
 2,4,6-Trichlorophenol
 Concen: 34.393 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF103595.D
 Acq: 12 Mar 2018 21:17

Tgt Ion:196 Resp: 175093
 Ion Ratio Lower Upper
 196 100
 198 96.6 75.7 113.5
 200 30.0 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

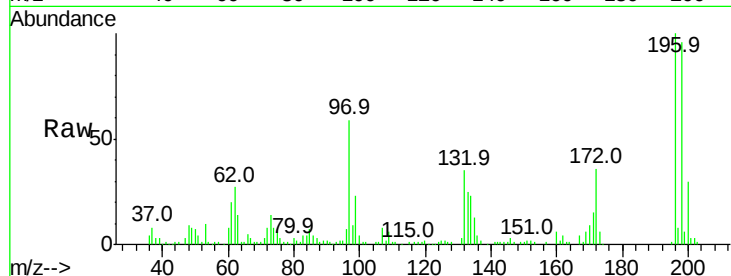




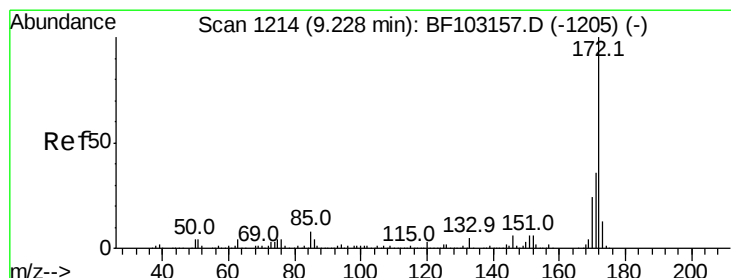
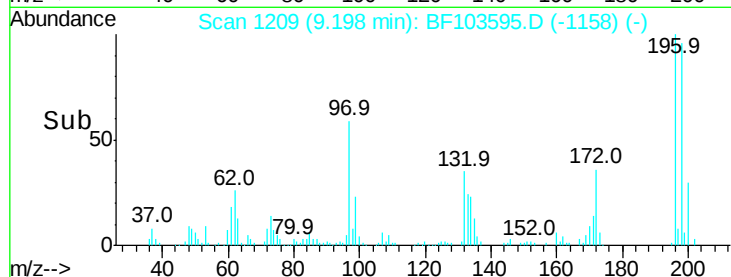
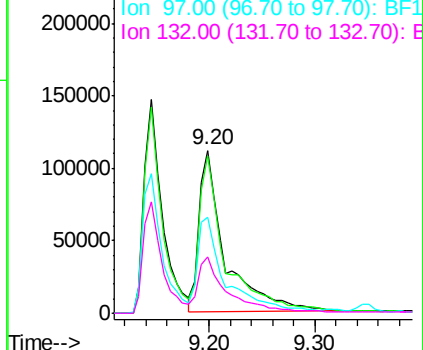
#43
 2,4,5-Trichlorophenol
 Concen: 32.513 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF103595.D
 Acq: 12 Mar 2018 21:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 190373
 Ion Ratio Lower Upper
 196 100
 198 96.5 74.6 112.0
 97 59.2 42.9 64.3
 132 34.8 26.3 39.5

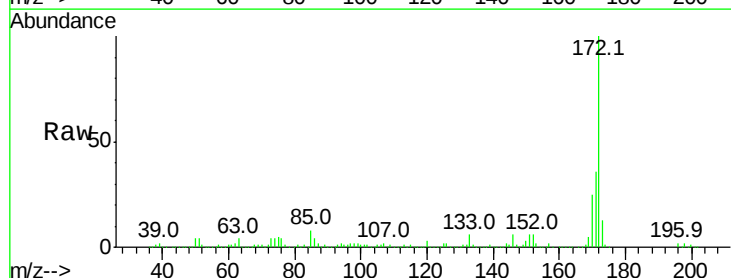


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

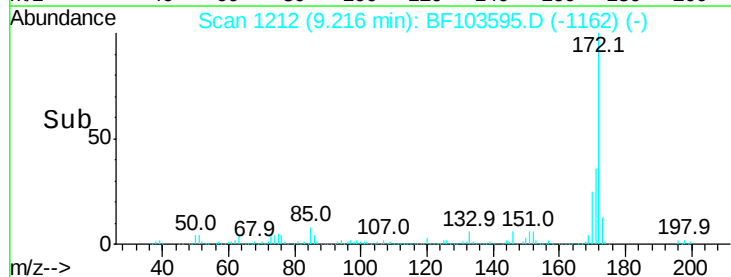
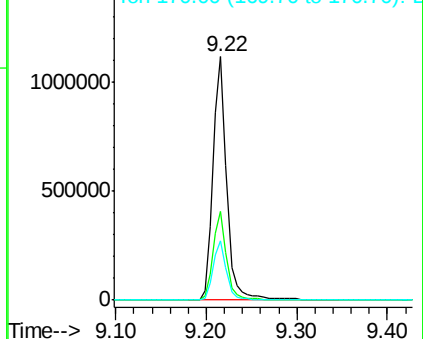


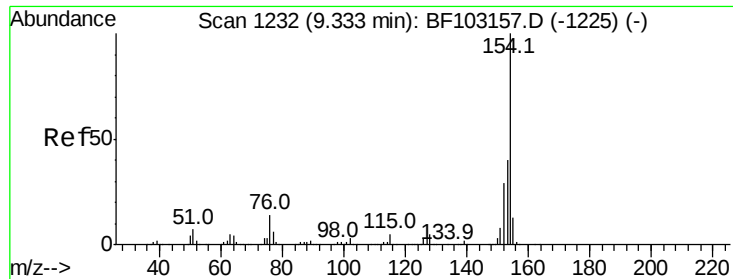
#44
 2-Fluorobiphenyl
 Concen: 71.303 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF103595.D
 Acq: 12 Mar 2018 21:17

Tgt Ion:172 Resp: 1190797
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.6 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 37.308 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

Instrument :

BNA_F

ClientSampled :

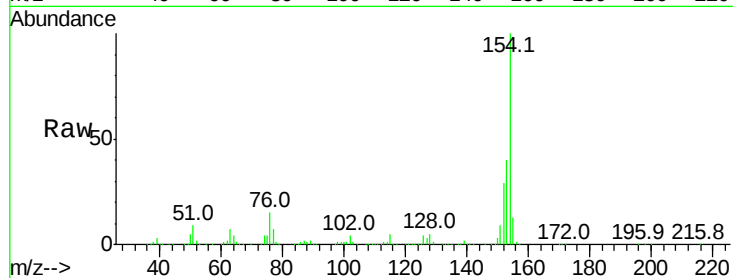
Tot Ion:154 Resp: 865193

Ion Ratio Lower Upper

154 100

153 40.2 21.3 61.3

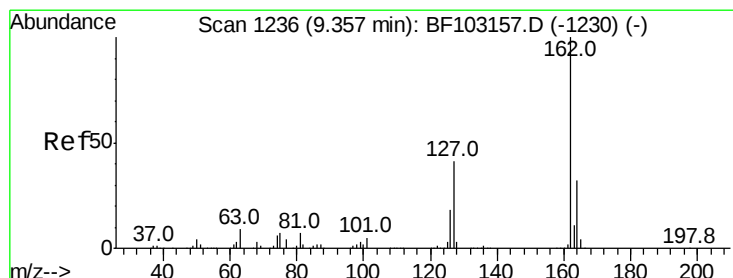
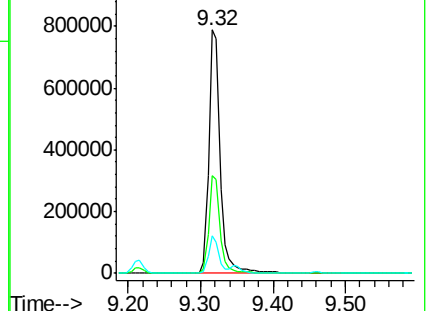
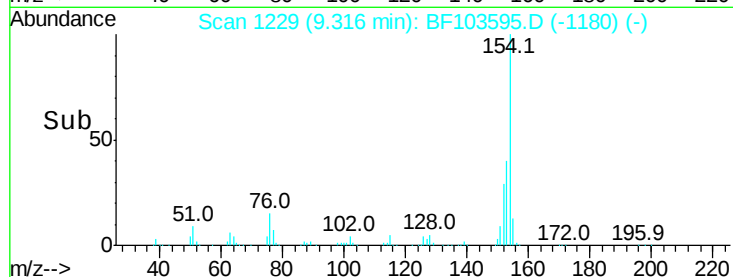
76 15.2 0.0 34.0



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: 37.220 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

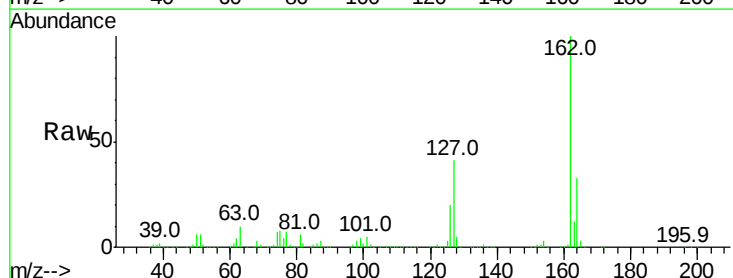
Tgt Ion:162 Resp: 682873

Ion Ratio Lower Upper

162 100

127 40.7 33.9 50.9

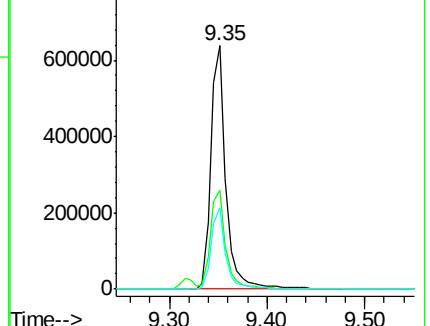
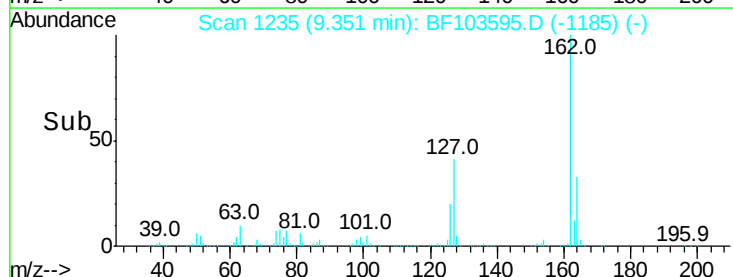
164 33.0 26.5 39.7

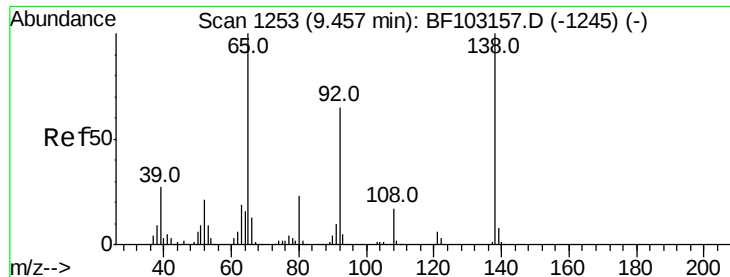


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.918 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

Instrument :

BNA_F

ClientSampled :

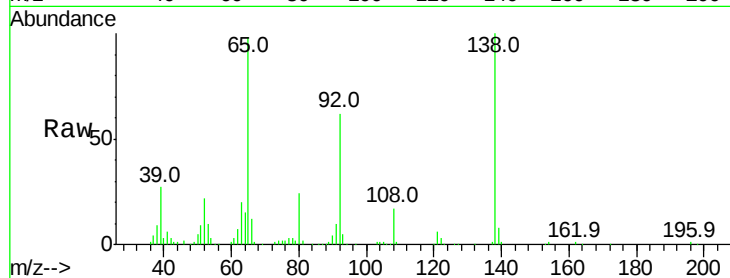
Tot Ion: 65 Resp: 278082

Ion Ratio Lower Upper

65 100

92 63.4 55.8 83.6

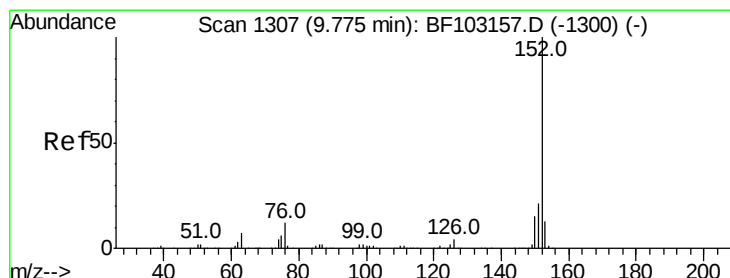
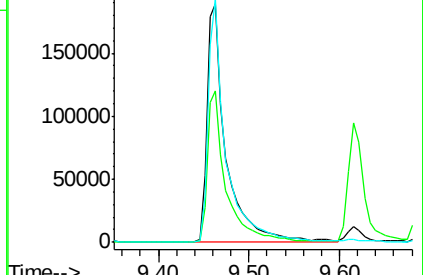
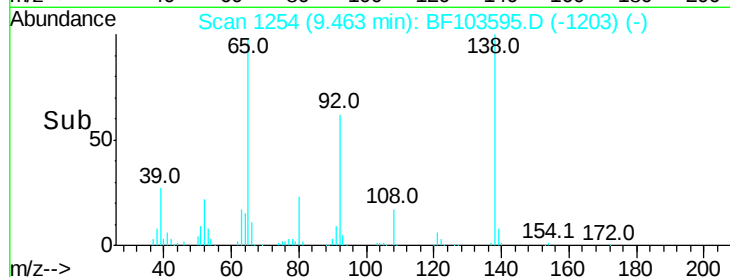
138 101.9 91.2 136.8



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: 36.001 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

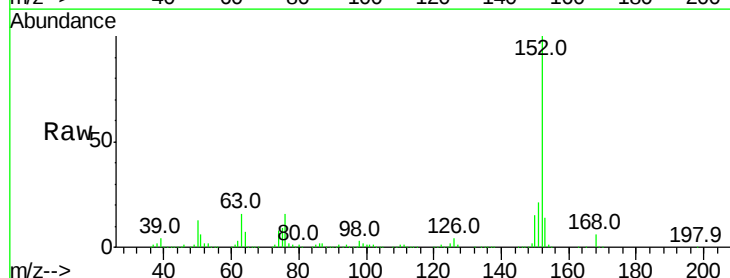
Tgt Ion: 152 Resp: 1016275

Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

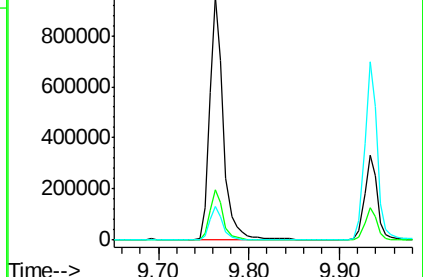
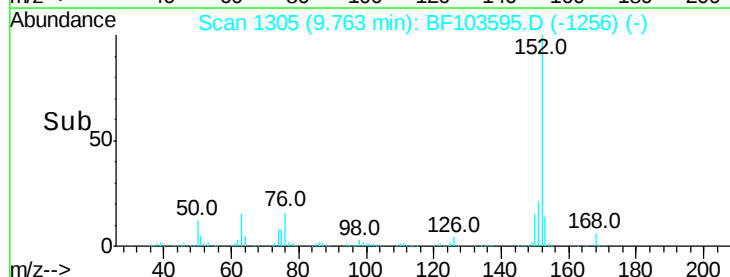
153 13.8 10.7 16.1

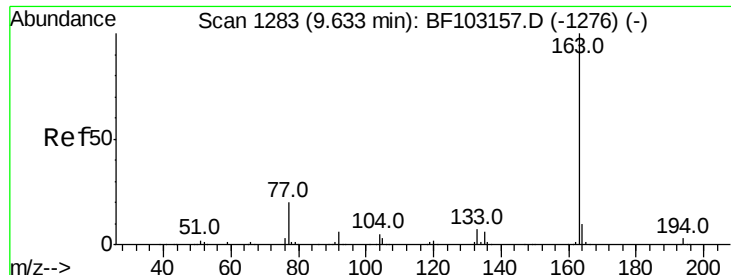


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 34.302 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

Instrument :

BNA_F

ClientSampleId :

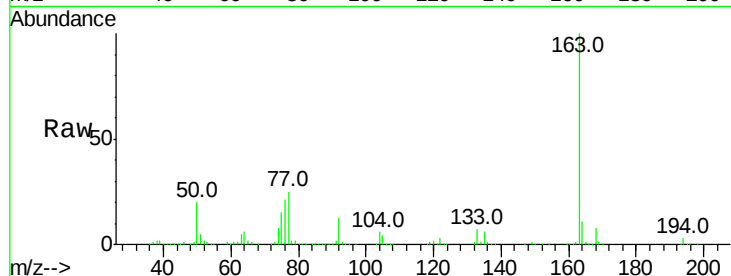
Tot Ion:163 Resp: 761570

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

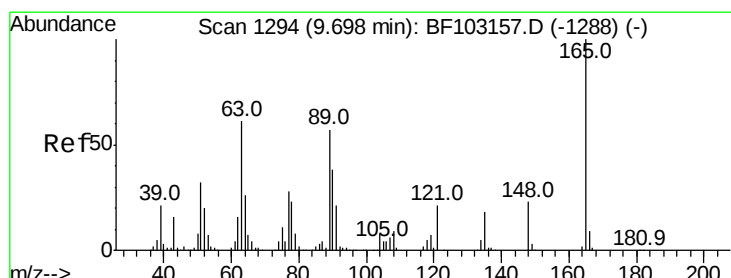
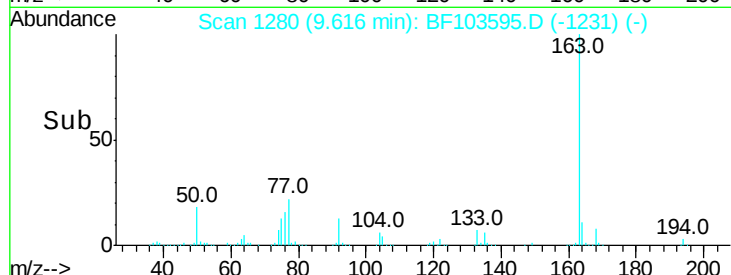
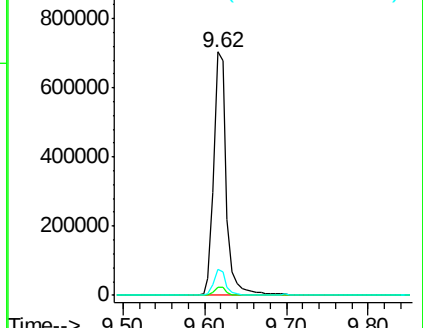
164 10.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.005 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

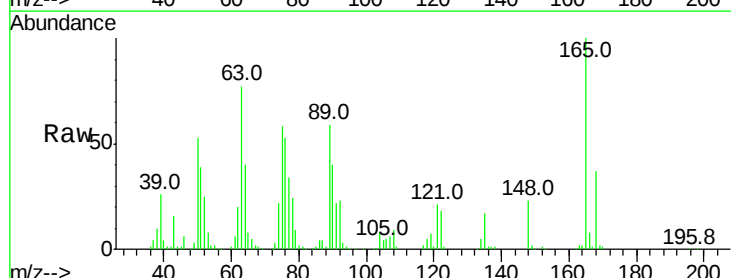
Tgt Ion:165 Resp: 167753

Ion Ratio Lower Upper

165 100

63 77.2 44.7 67.1#

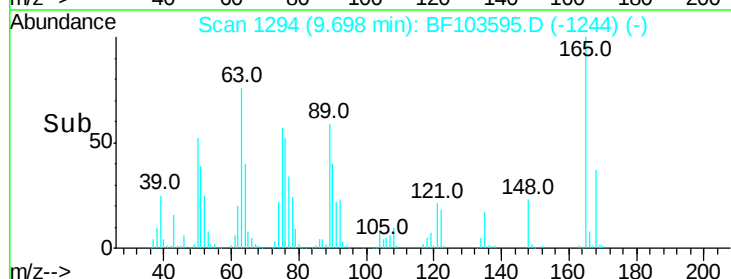
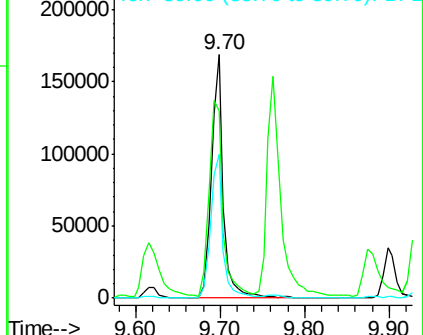
89 59.2 44.0 66.0

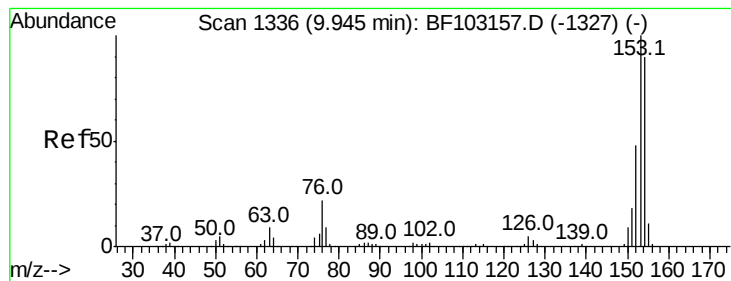


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 36.307 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

Instrument :

BNA_F

ClientSampleId :

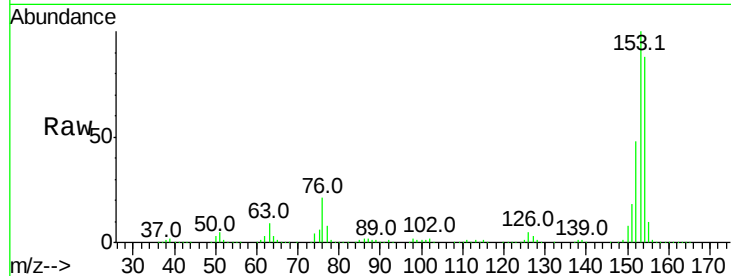
Tot Ion:154 Resp: 597631

Ion Ratio Lower Upper

154 100

153 113.6 91.2 136.8

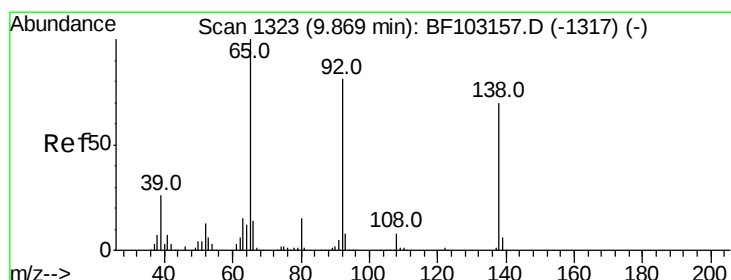
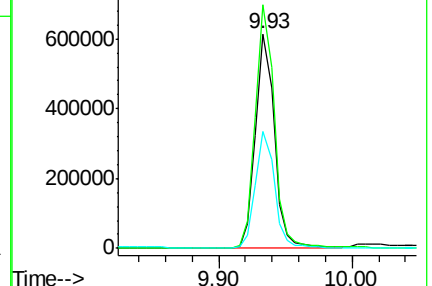
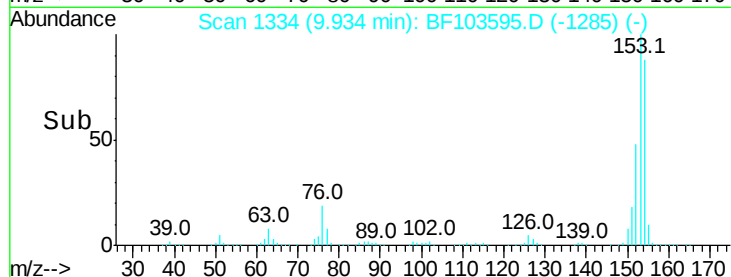
152 54.4 43.8 65.8



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: 37.833 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

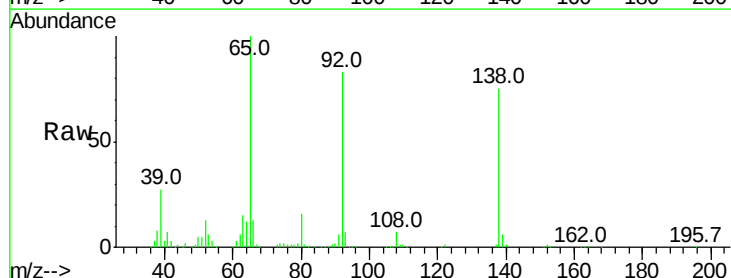
Tgt Ion:138 Resp: 223637

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

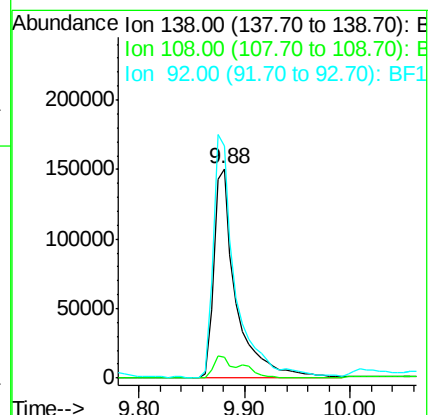
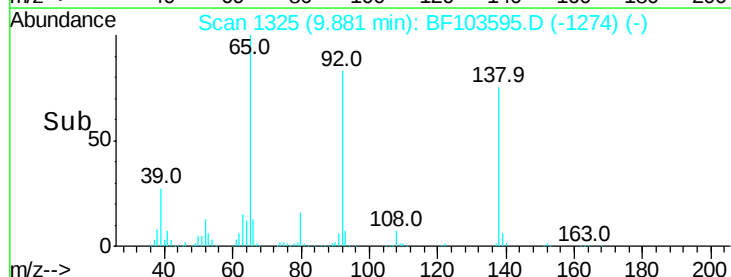
92 110.9 89.4 134.2

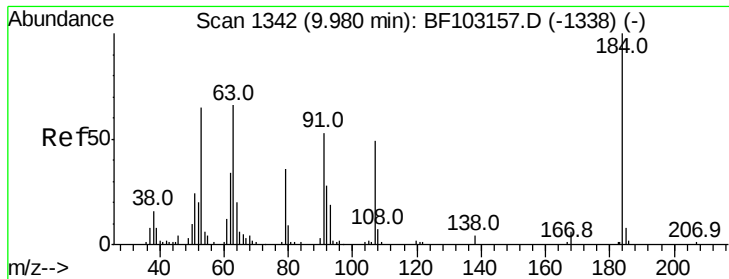


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

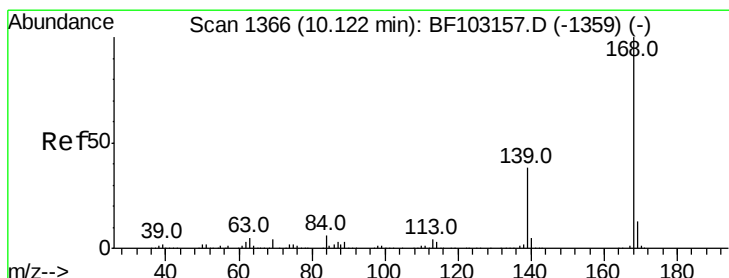
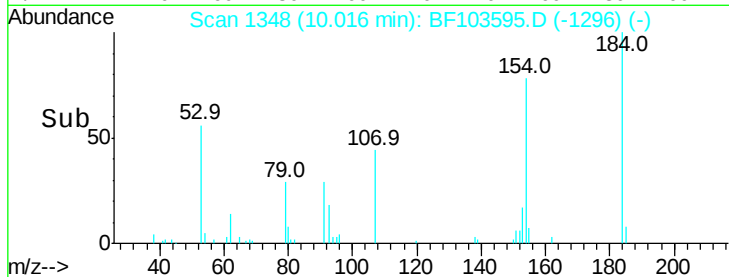
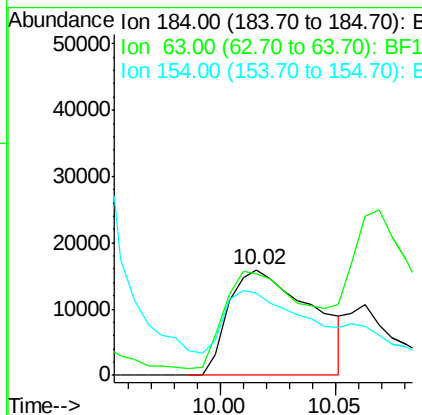
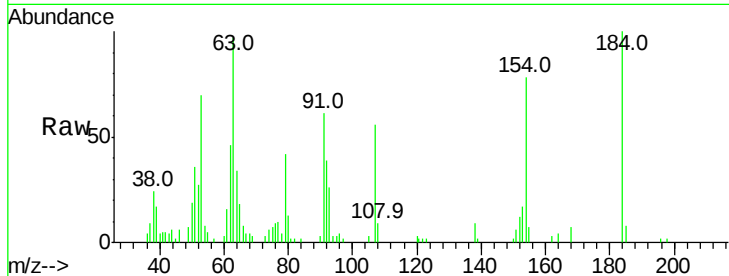




#53
2,4-Dinitrophenol
Concen: 30.448 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF103595.D
Acq: 12 Mar 2018 21:17

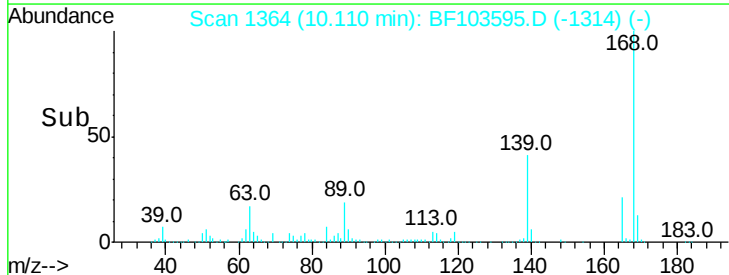
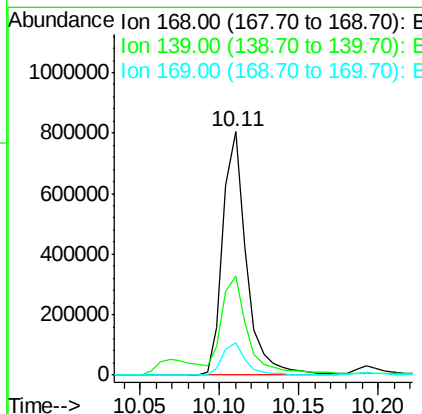
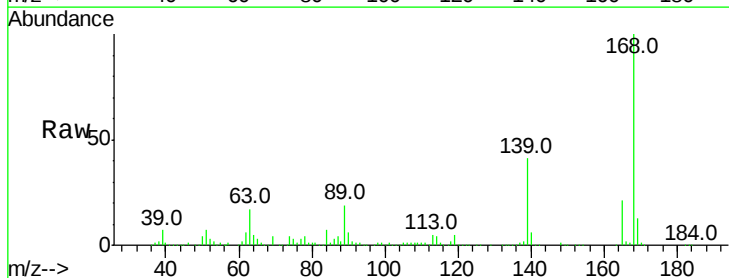
Instrument :
BNA_F
ClientSampled :

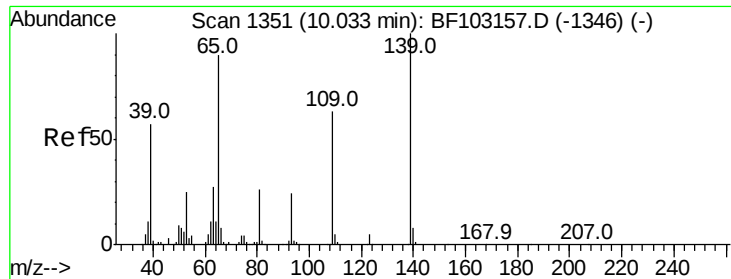
Tot Ion:184 Resp: 39842
Ion Ratio Lower Upper
184 100
63 96.8 54.2 81.2#
154 78.5 184.0 276.0#



#54
Dibenzofuran
Concen: 36.898 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF103595.D
Acq: 12 Mar 2018 21:17

Tgt Ion:168 Resp: 833748
Ion Ratio Lower Upper
168 100
139 40.6 30.1 45.1
169 13.3 10.9 16.3





#55

4-Nitrophenol

Concen: 22.285 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

Instrument :

BNA_F

ClientSampleId :

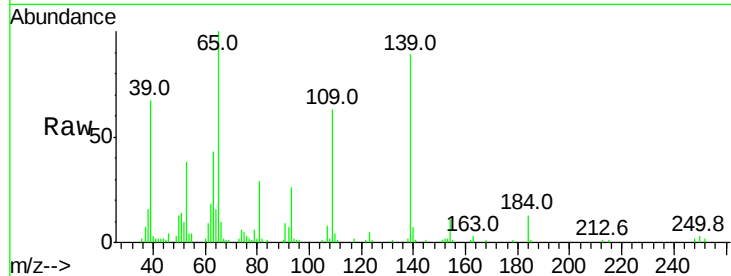
Tot Ion:139 Resp: 81643

Ion Ratio Lower Upper

139 100

109 70.4 48.4 88.4

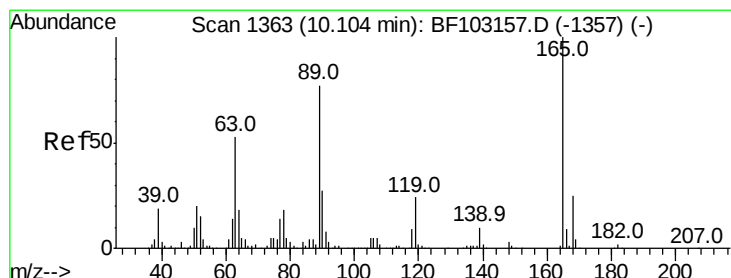
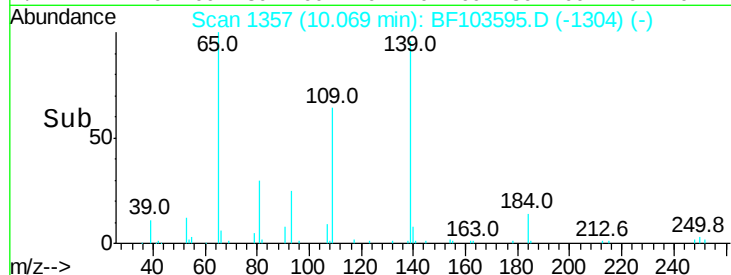
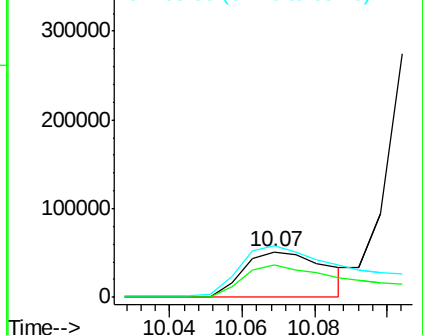
65 112.5 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 35.996 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

Tgt Ion:165 Resp: 212108

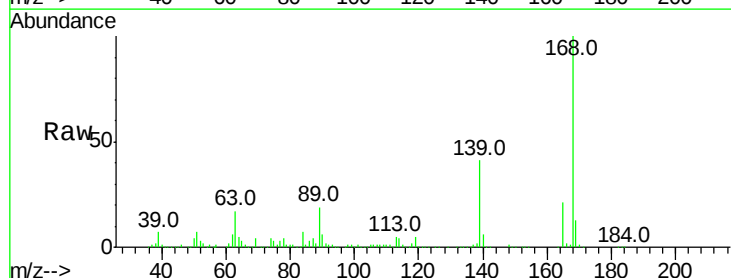
Ion Ratio Lower Upper

165 100

63 84.6 36.4 54.6#

89 94.3 57.8 86.6#

182 2.2 1.6 2.4

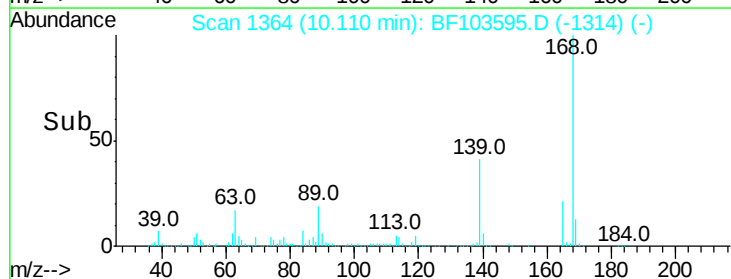
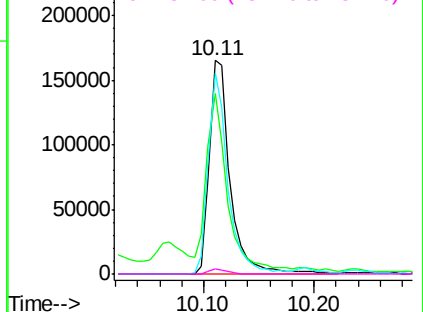


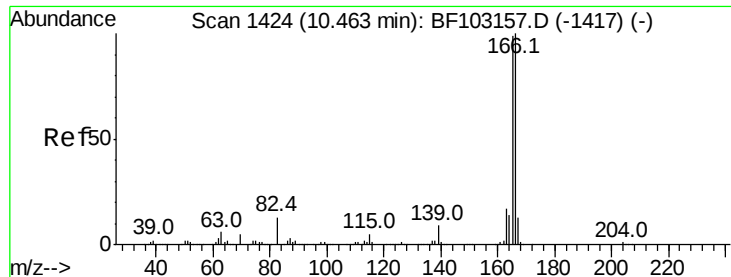
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 35.407 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

Instrument :

BNA_F

ClientSampled :

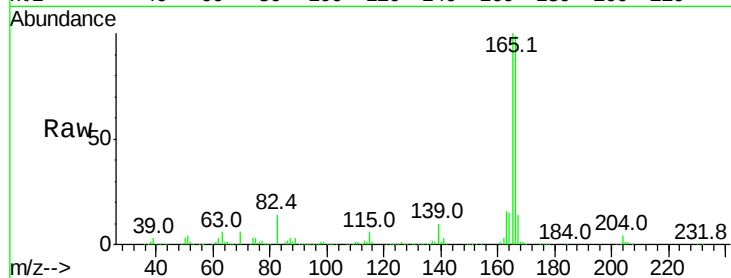
Tot Ion:166 Resp: 681549

Ion Ratio Lower Upper

166 100

165 100.7 79.8 119.8

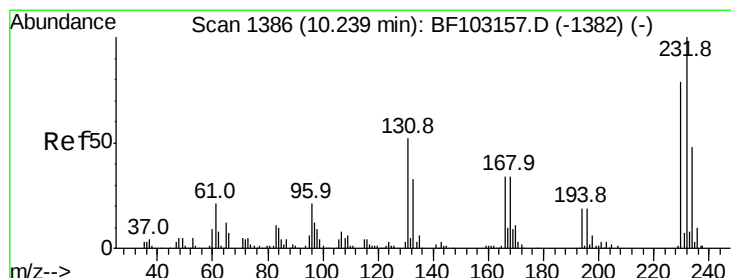
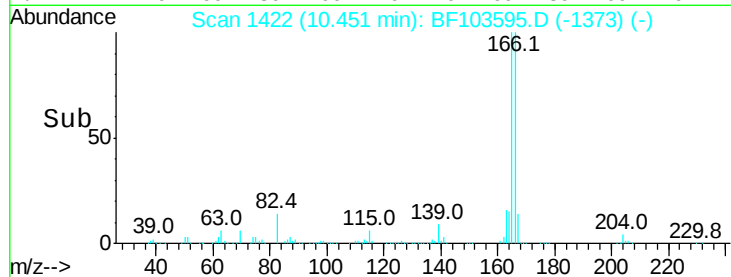
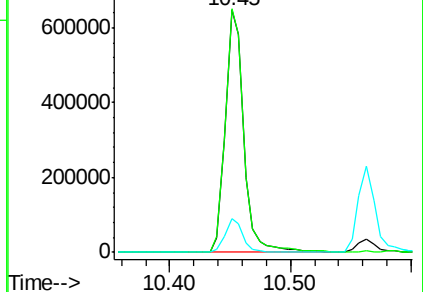
167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 28.615 ng

RT: 10.19 min Scan# 1378

Delta R.T. -0.05 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

Tgt Ion:232 Resp: 112555

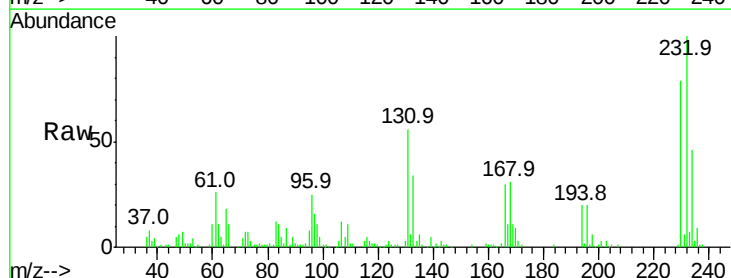
Ion Ratio Lower Upper

232 100

131 57.0 43.8 65.8

130 3.1 2.1 3.1

166 29.9 27.8 41.6

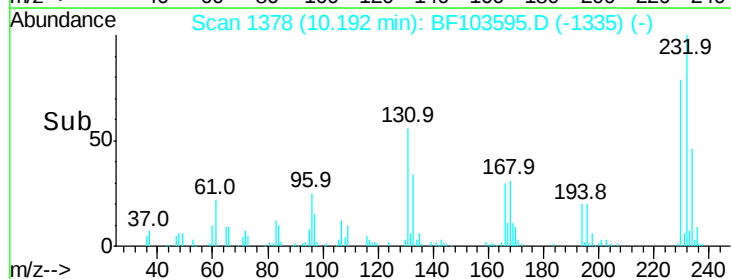
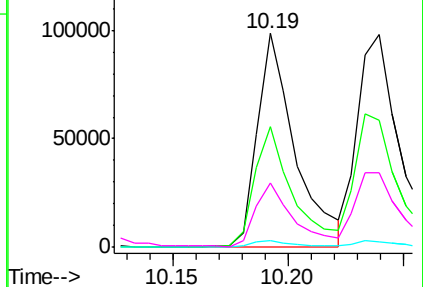


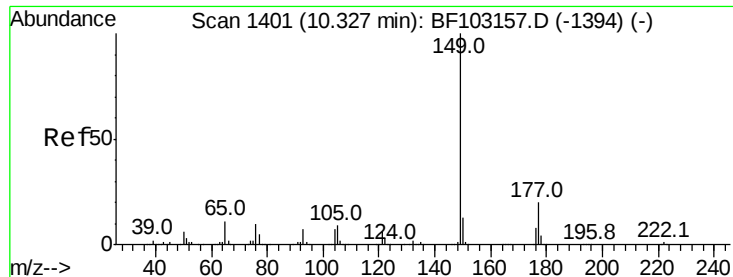
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 36.568 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

Instrument :

BNA_F

ClientSampled :

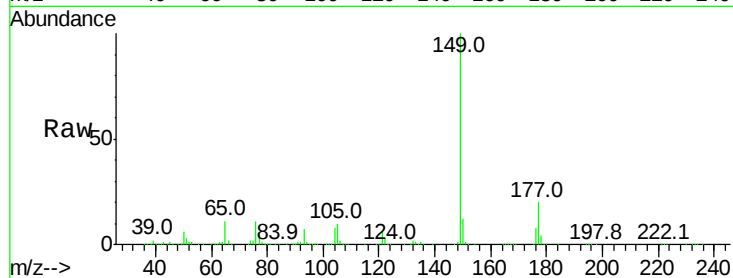
Tot Ion:149 Resp: 776480

Ion Ratio Lower Upper

149 100

177 19.9 16.1 24.1

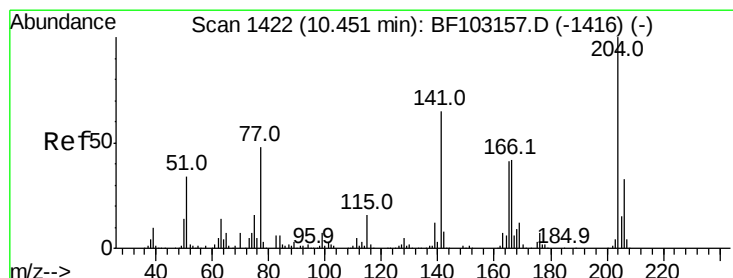
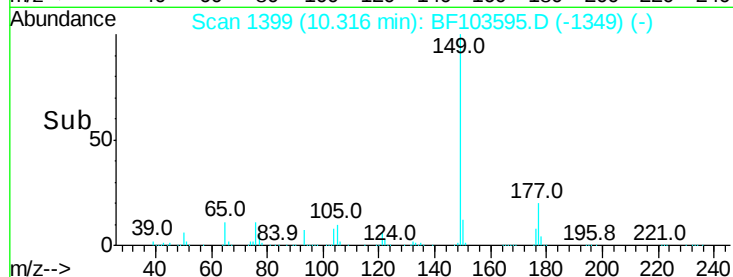
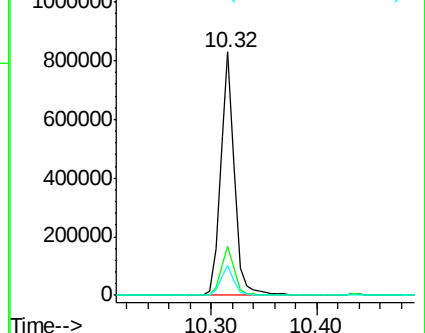
150 12.4 10.1 15.1



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: 37.007 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

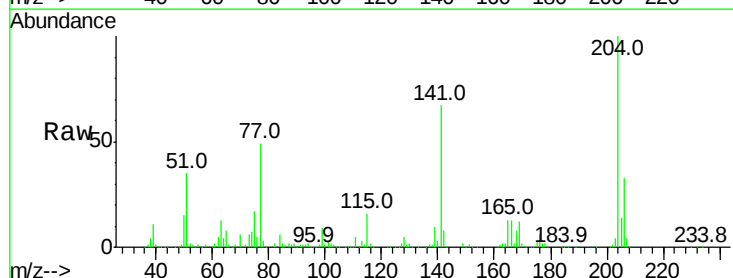
Tgt Ion:204 Resp: 302074

Ion Ratio Lower Upper

204 100

206 33.2 26.5 39.7

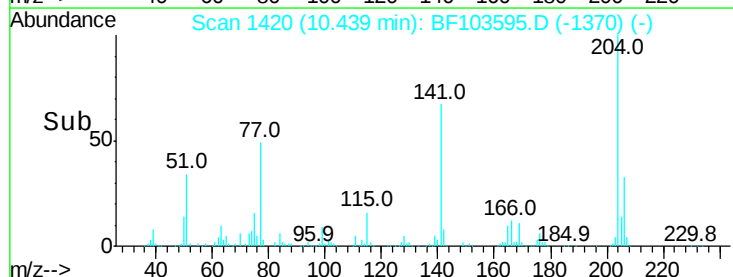
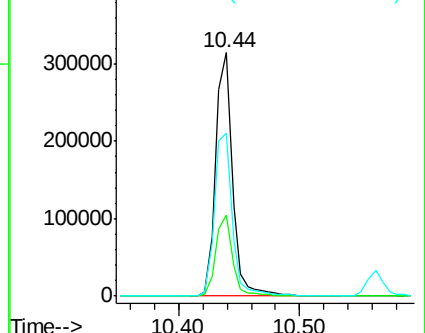
141 66.9 54.6 81.8

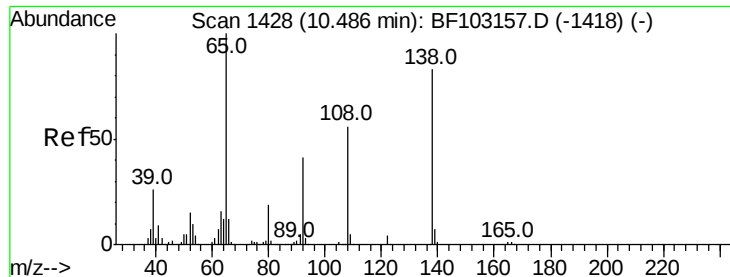


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

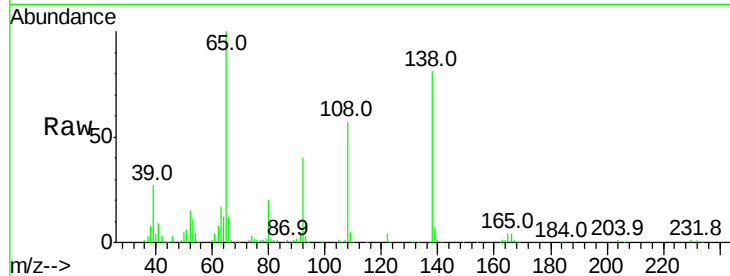




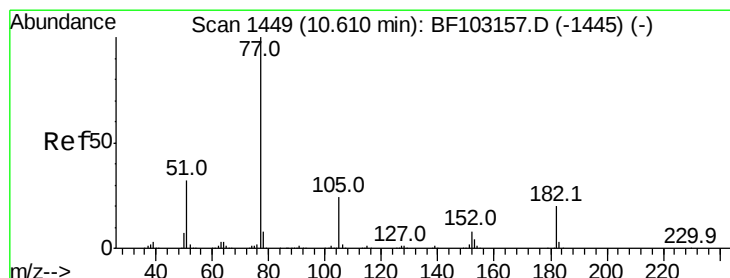
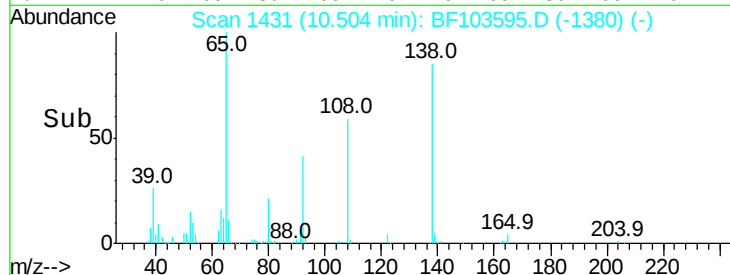
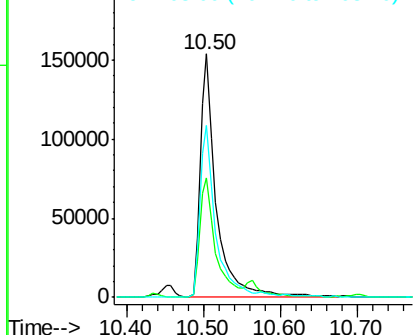
#61
4-Nitroaniline
Concen: 37.282 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF103595.D
Acq: 12 Mar 2018 21:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 220117
Ion Ratio Lower Upper
138 100
92 49.3 30.2 70.2
108 70.7 52.5 92.5

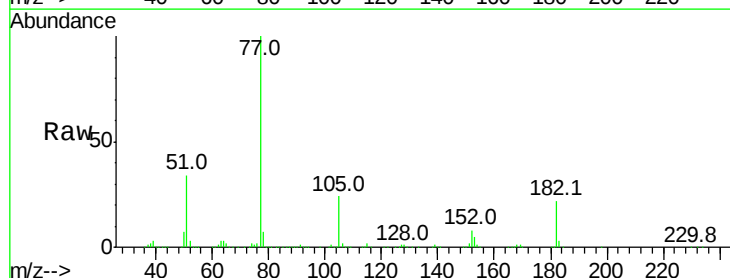


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

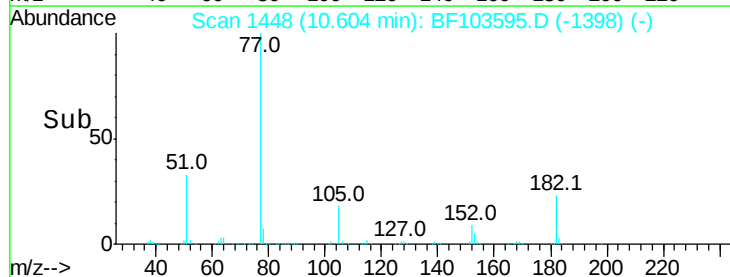
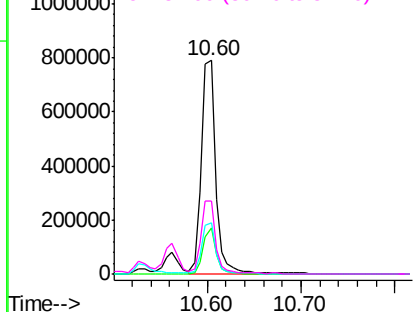


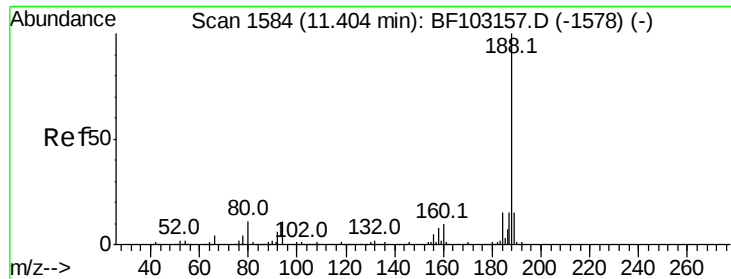
#62
Azobenzene
Concen: 38.906 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF103595.D
Acq: 12 Mar 2018 21:17

Tgt Ion: 77 Resp: 840908
Ion Ratio Lower Upper
77 100
182 21.8 1.7 41.7
105 24.2 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

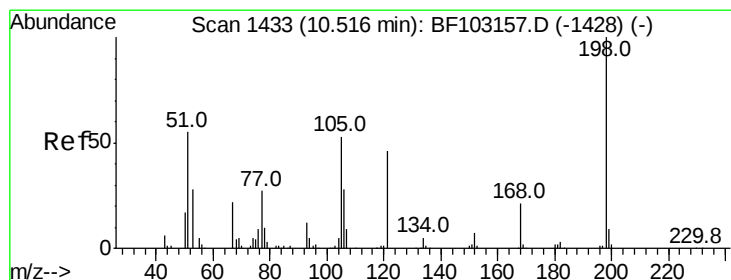
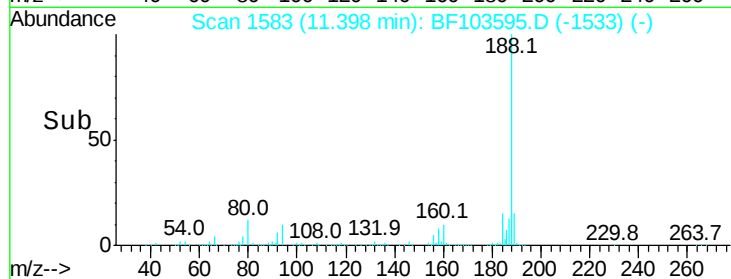
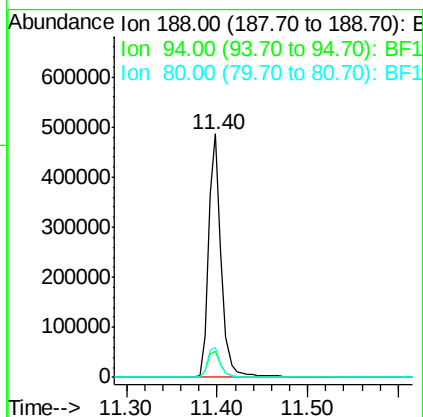
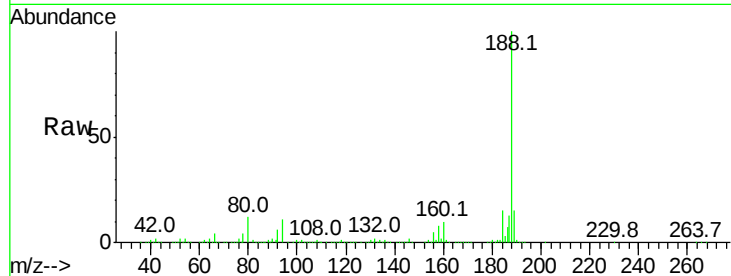




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103595.D
Acq: 12 Mar 2018 21:17

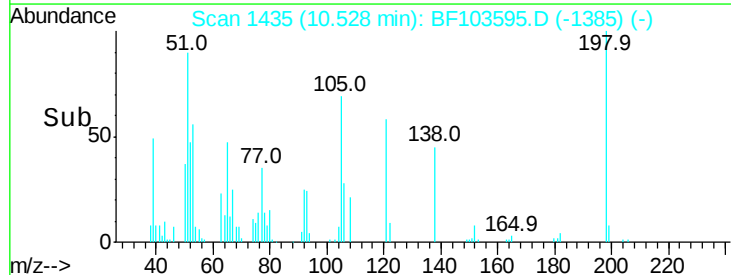
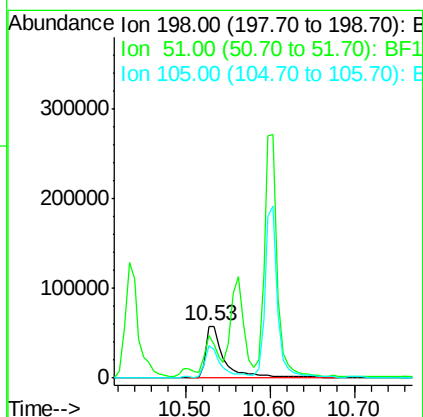
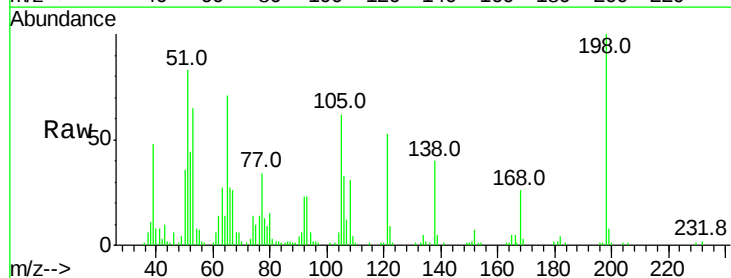
Instrument :
BNA_F
ClientSampleId :

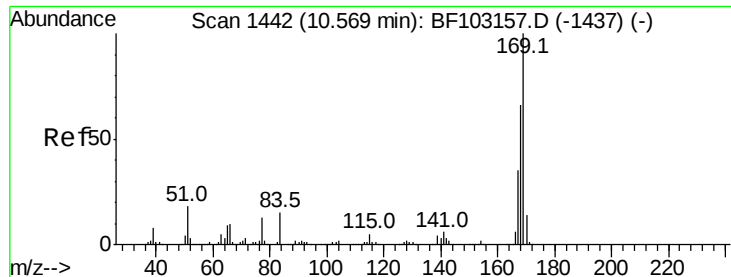
Tot Ion:188 Resp: 479957
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 12.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 33.331 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF103595.D
Acq: 12 Mar 2018 21:17

Tgt Ion:198 Resp: 92416
Ion Ratio Lower Upper
198 100
51 82.6 37.7 77.7#
105 62.1 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 35.944 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

Instrument :

BNA_F

ClientSampleId :

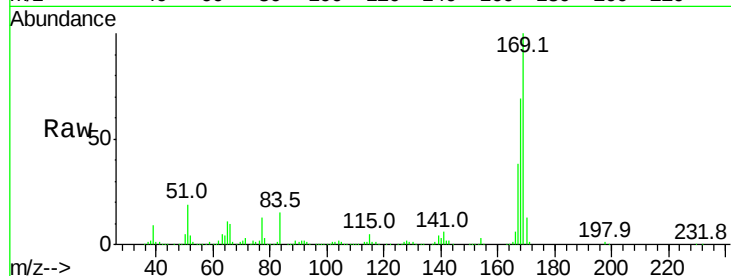
Tot Ion:169 Resp: 600679

Ion Ratio Lower Upper

169 100

168 69.3 54.4 81.6

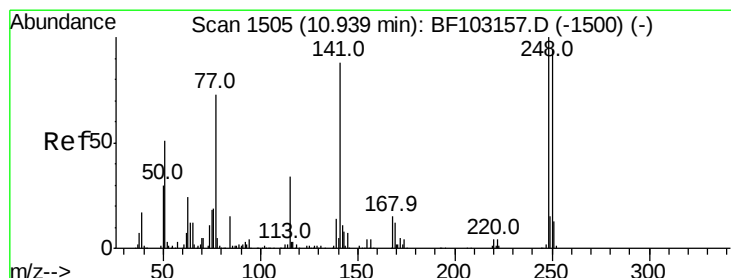
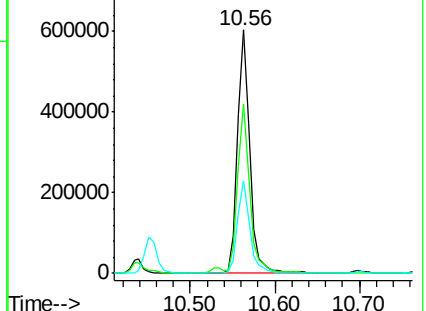
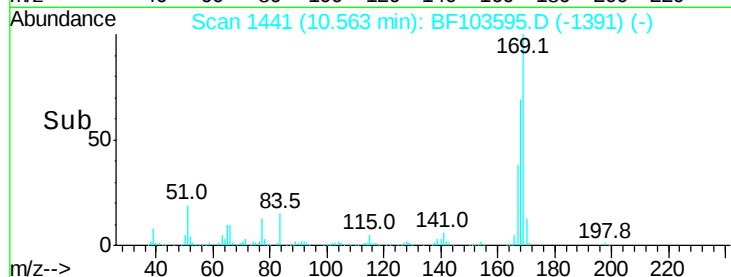
167 37.9 29.8 44.6



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: 34.759 ng

RT: 10.93 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

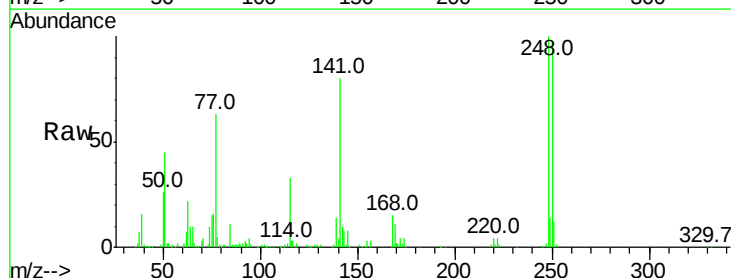
Tgt Ion:248 Resp: 173783

Ion Ratio Lower Upper

248 100

250 97.2 76.9 115.3

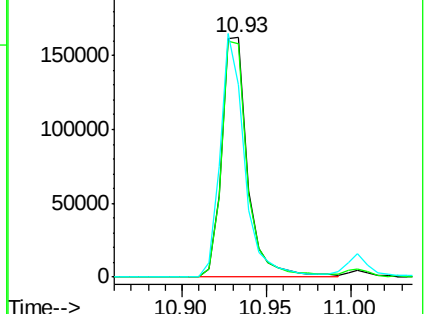
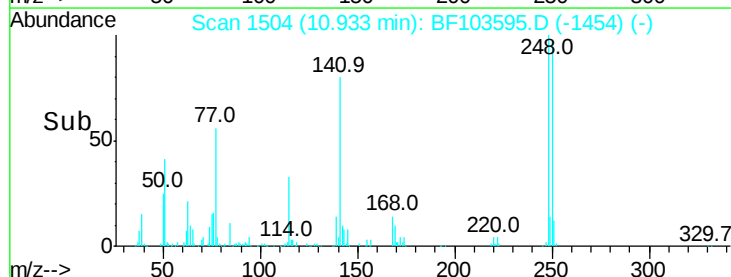
141 80.1 74.4 111.6

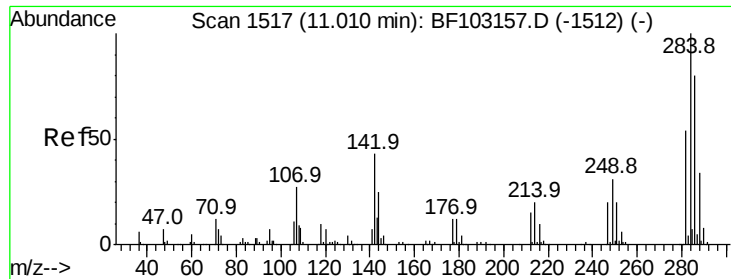


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

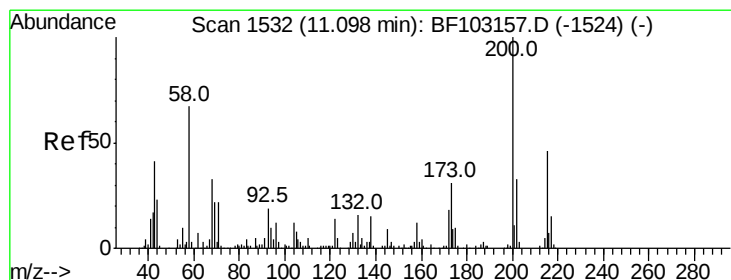
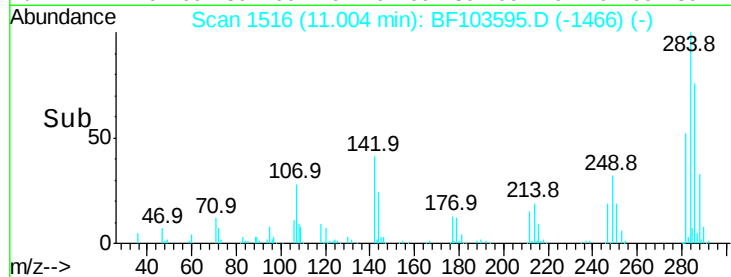
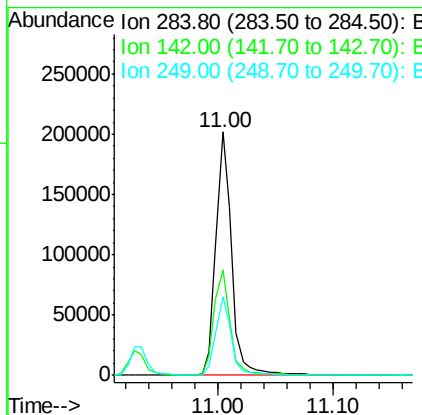
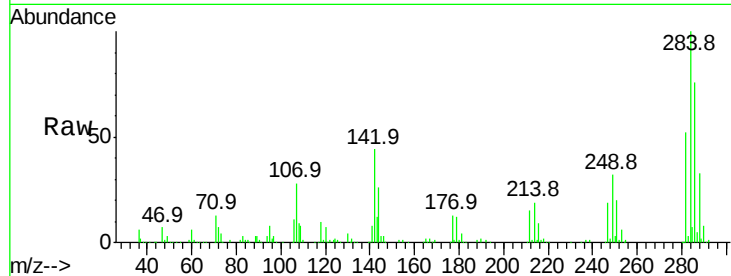




#67
Hexachlorobenzene
Concen: 35.136 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF103595.D
Acq: 12 Mar 2018 21:17

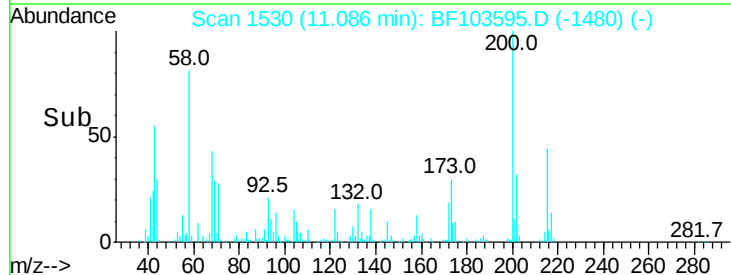
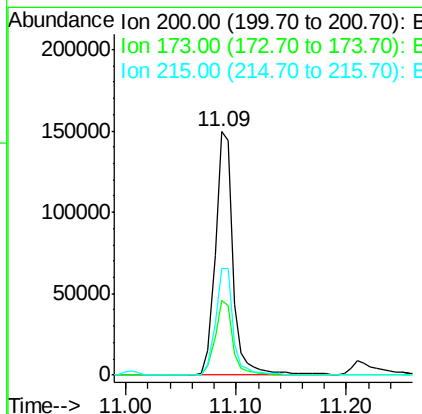
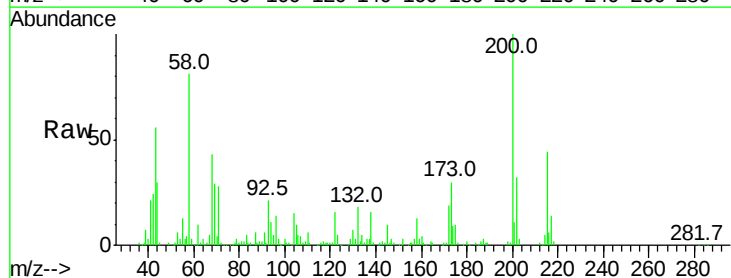
Instrument :
BNA_F
ClientSampled :

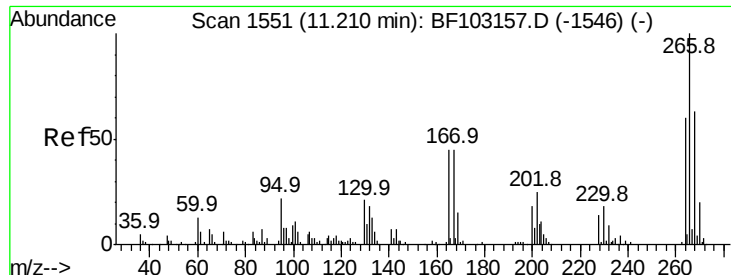
Tot Ion:284 Resp: 190674
Ion Ratio Lower Upper
284 100
142 43.5 34.6 52.0
249 32.1 24.8 37.2



#68
Atrazine
Concen: 33.085 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF103595.D
Acq: 12 Mar 2018 21:17

Tgt Ion:200 Resp: 166185
Ion Ratio Lower Upper
200 100
173 30.5 8.6 48.6
215 43.9 25.1 65.1

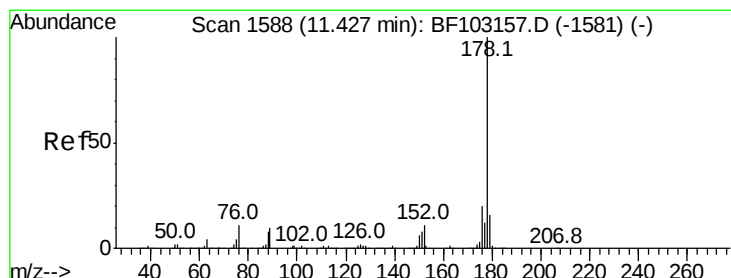
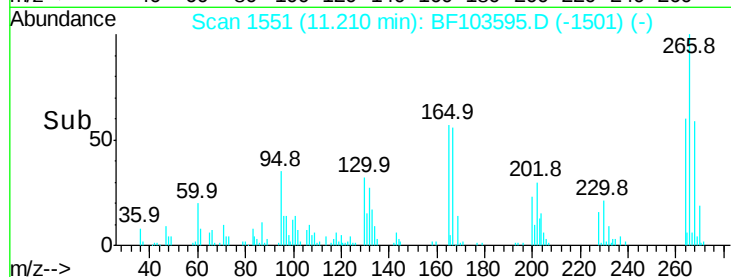
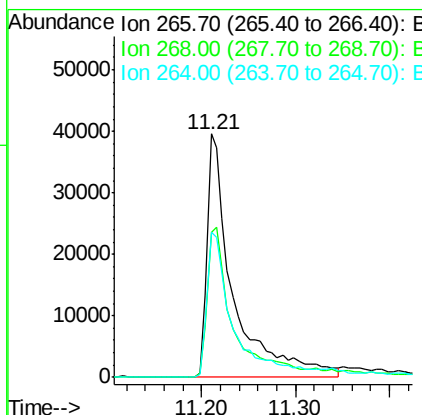
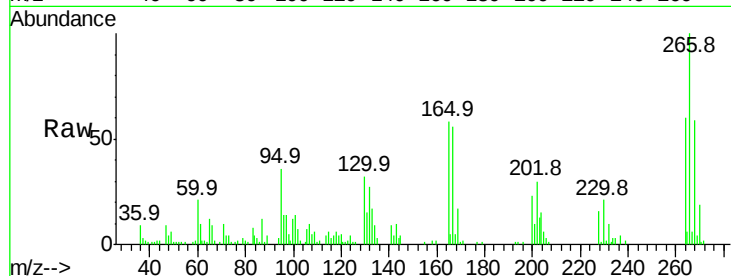




#69
 Pentachlorophenol
 Concen: 29.532 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF103595.D
 Acq: 12 Mar 2018 21:17

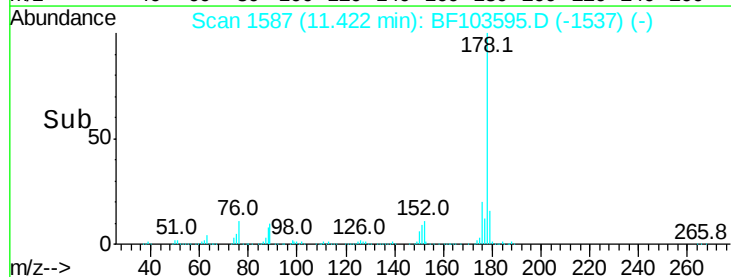
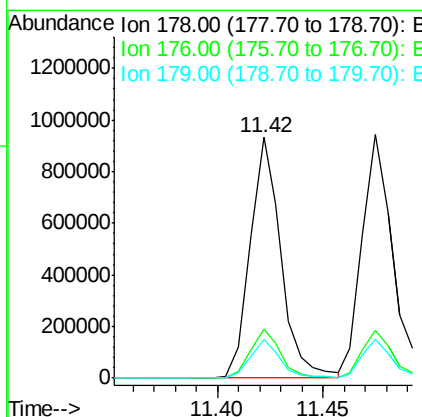
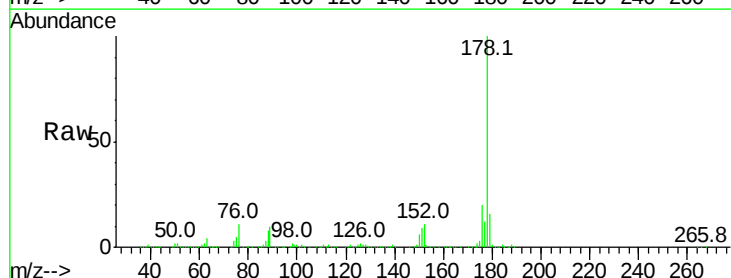
Instrument :
 BNA_F
 ClientSampleId :

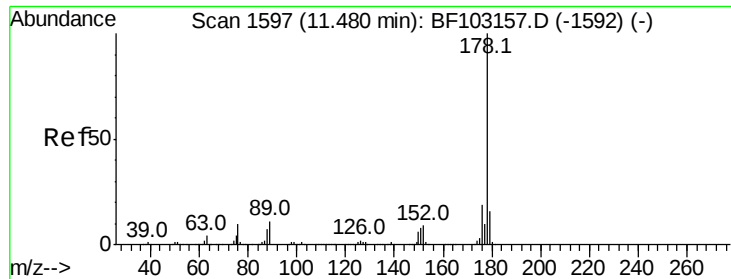
Tot Ion:266 Resp: 77488
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.1 76.7
 264 59.8 49.5 74.3



#70
 Phenanthrene
 Concen: 35.828 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF103595.D
 Acq: 12 Mar 2018 21:17

Tgt Ion:178 Resp: 946351
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.8
 179 16.0 13.0 19.6

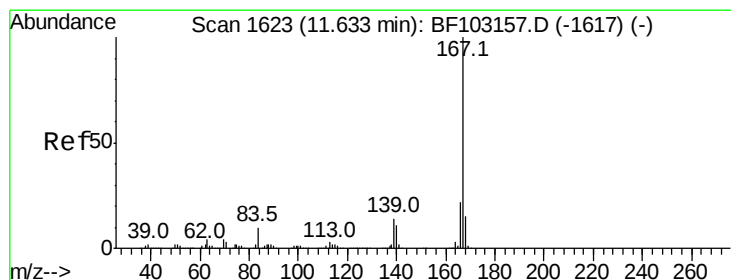
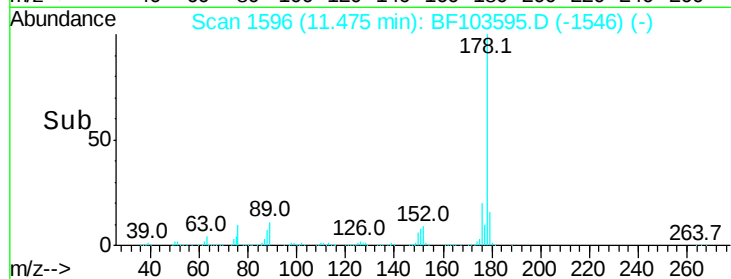
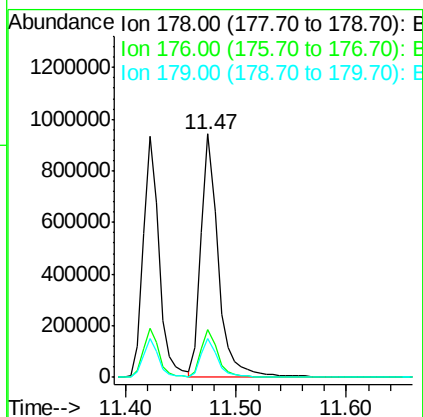
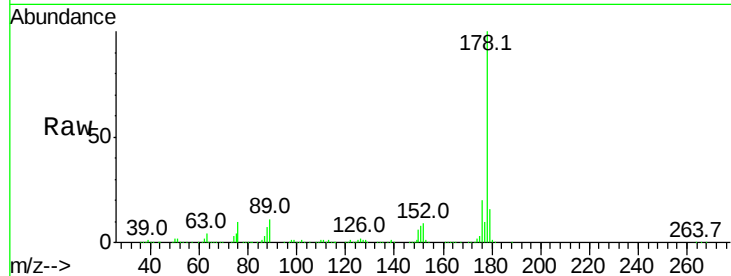




#71
 Anthracene
 Concen: 36.827 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF103595.D
 Acq: 12 Mar 2018 21:17

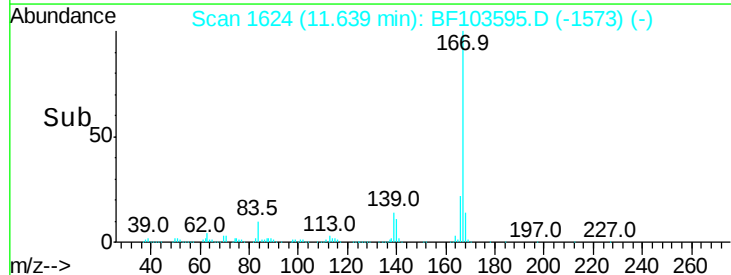
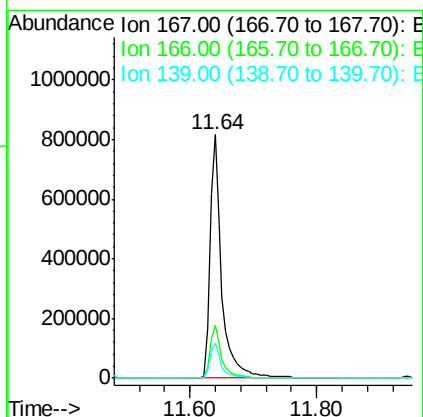
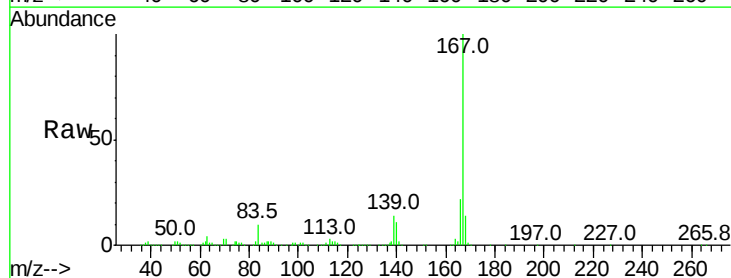
Instrument :
 BNA_F
 ClientSampleId :

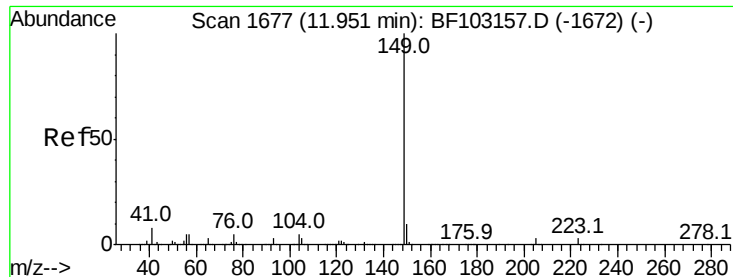
Tot Ion:178 Resp: 997486
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 38.876 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103595.D
 Acq: 12 Mar 2018 21:17

Tgt Ion:167 Resp: 1048577
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 14.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 36.704 ng

RT: 11.94 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

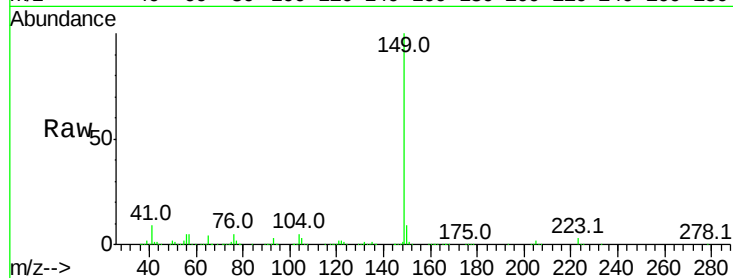
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1238801

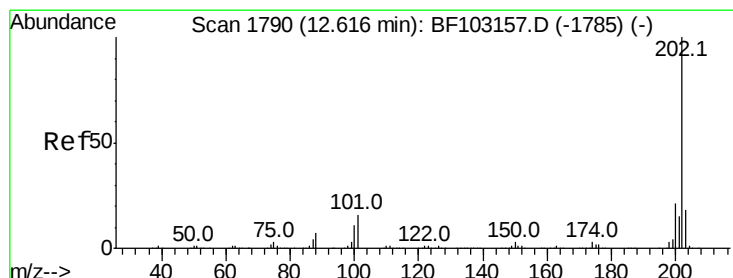
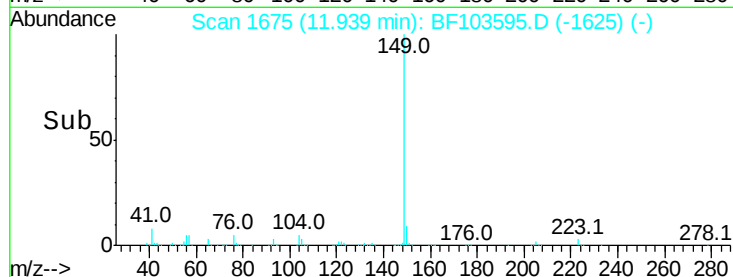
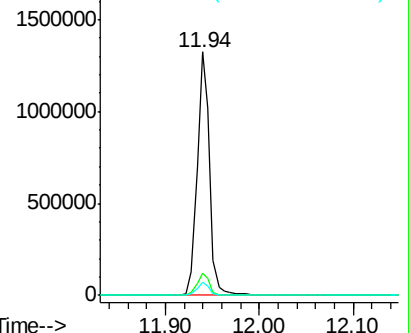
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	5.3	3.8	5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.406 ng

RT: 12.62 min Scan# 1791

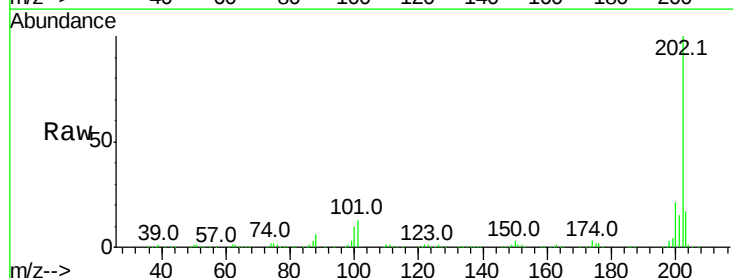
Delta R.T. 0.00 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

Tgt Ion:202 Resp: 992849

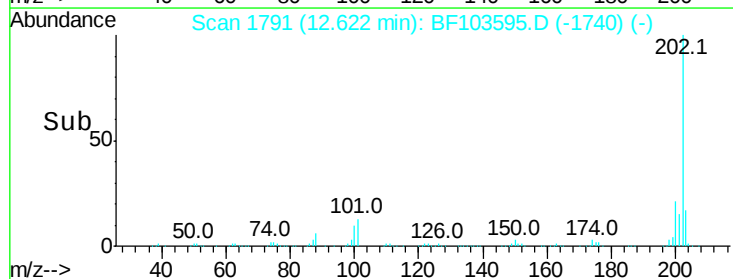
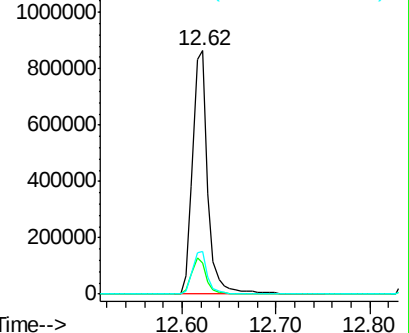
Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.1
203	17.4	0.0	38.1

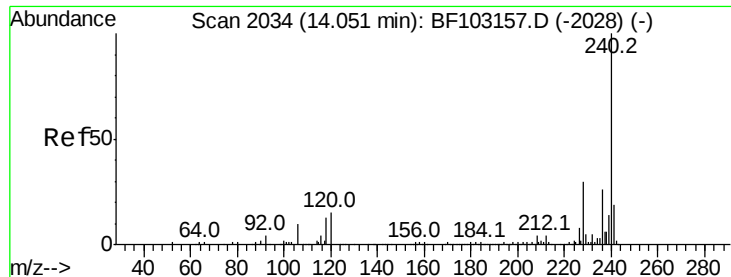


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

Instrument :

BNA_F

ClientSampleId :

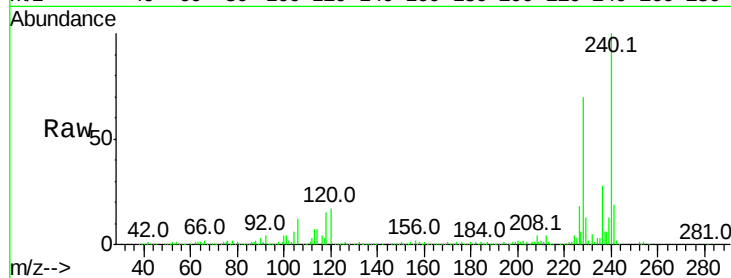
Tot Ion:240 Resp: 340623

Ion Ratio Lower Upper

240 100

120 16.7 9.5 14.3#

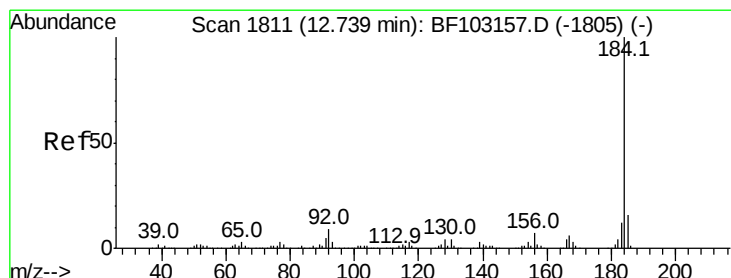
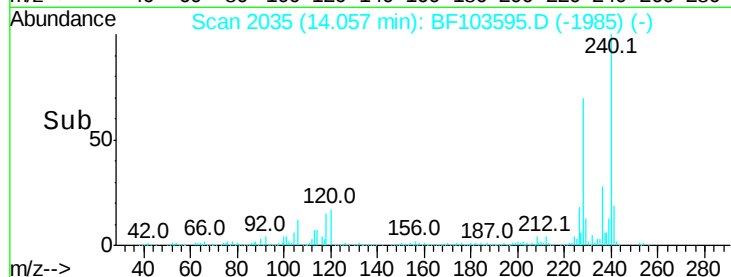
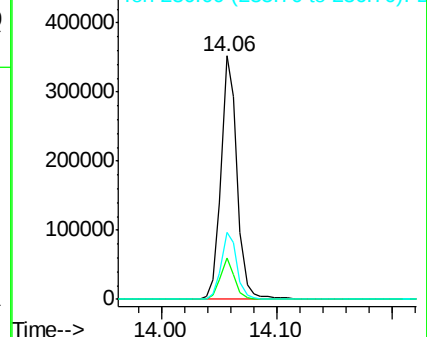
236 27.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.303 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

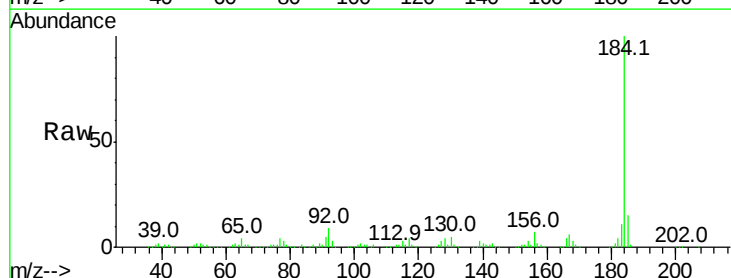
Tgt Ion:184 Resp: 487767

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

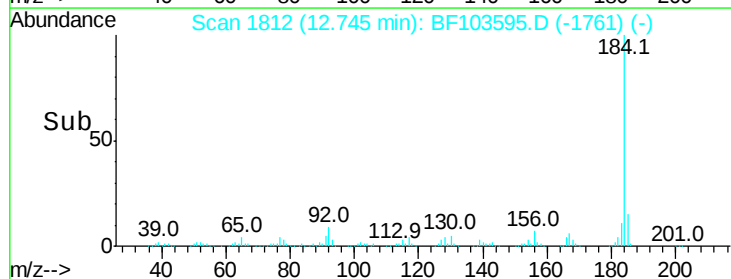
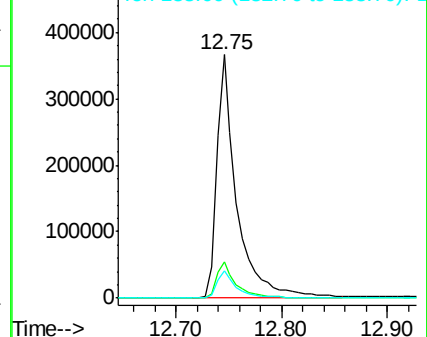
183 11.1 9.3 13.9

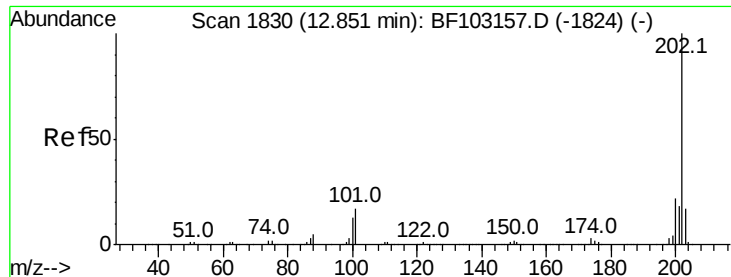


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

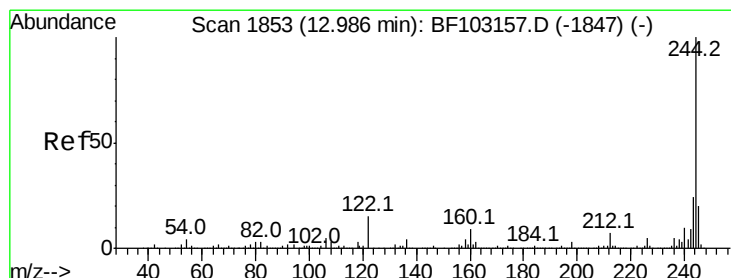
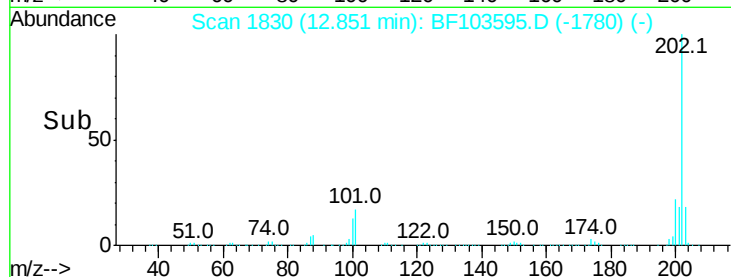
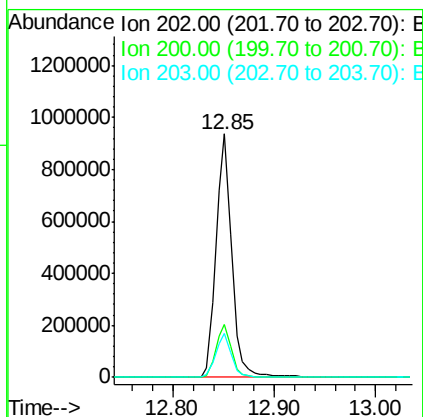
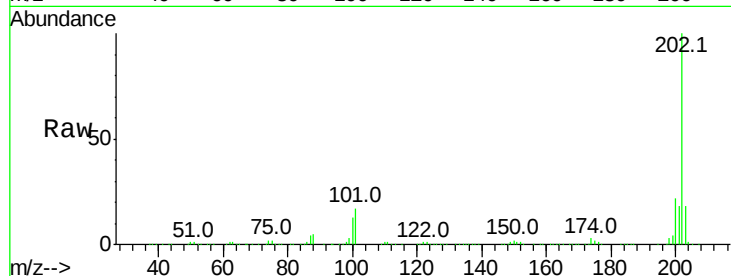




#77
Pvrene
Concen: 37.959 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103595.D
Acq: 12 Mar 2018 21:17

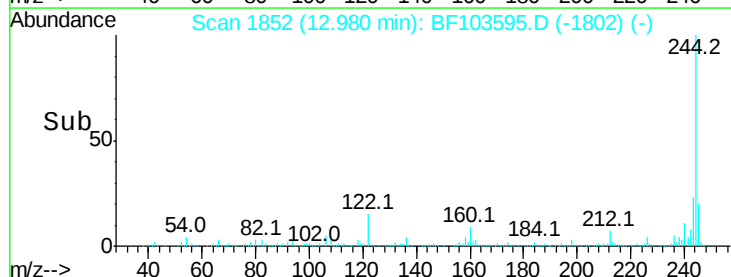
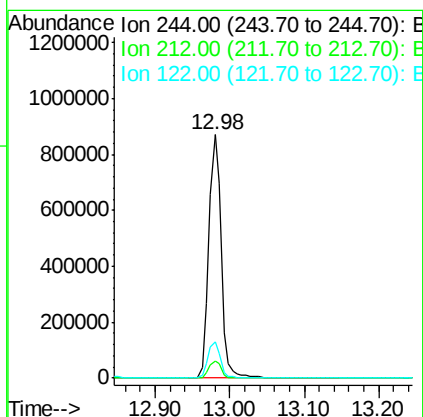
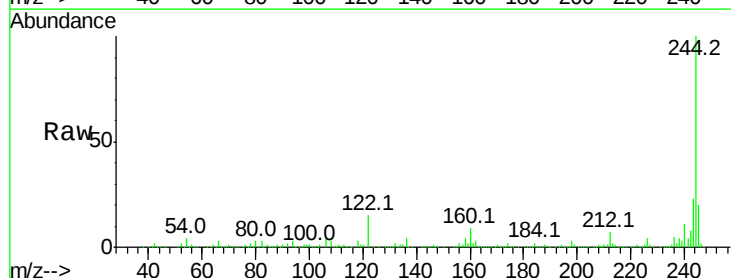
Instrument :
BNA_F
ClientSampleId :

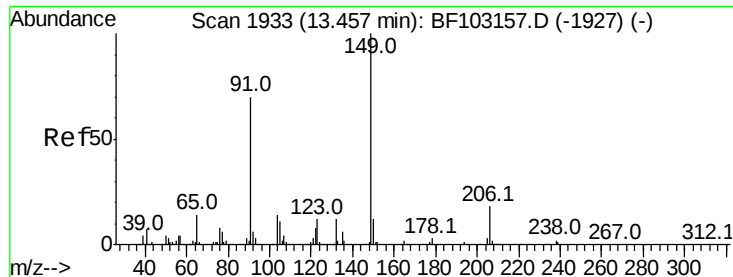
Tot Ion:202 Resp: 1008080
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.2
203 17.9 14.3 21.5



#78
Terphenyl-d14
Concen: 71.188 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF103595.D
Acq: 12 Mar 2018 21:17

Tgt Ion:244 Resp: 1008722
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 14.9 11.0 16.4

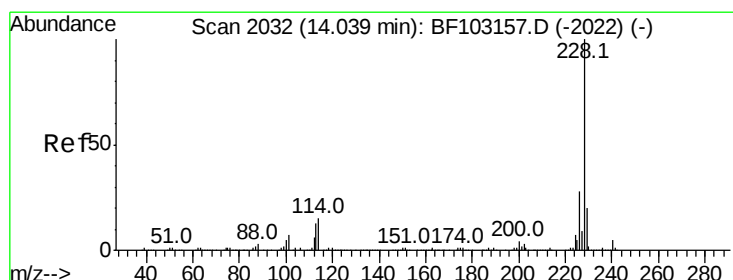
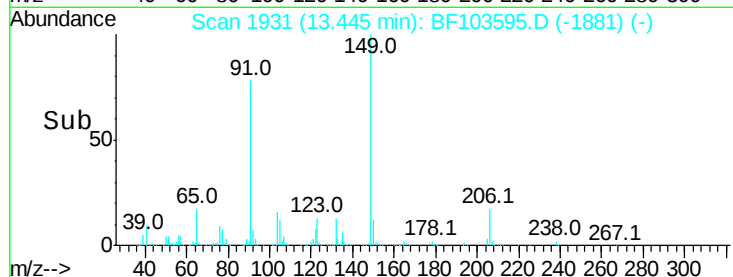
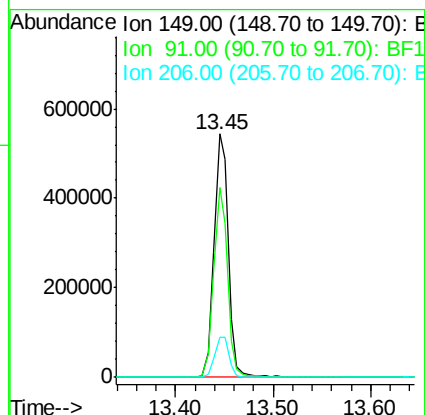
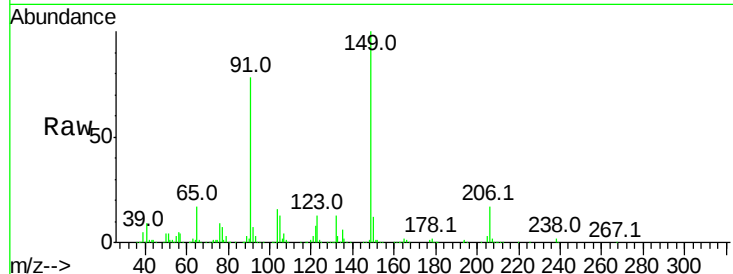




#79
Butylbenzylphthalate
Concen: 39.336 ng
RT: 13.45 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BF103595.D
Acq: 12 Mar 2018 21:17

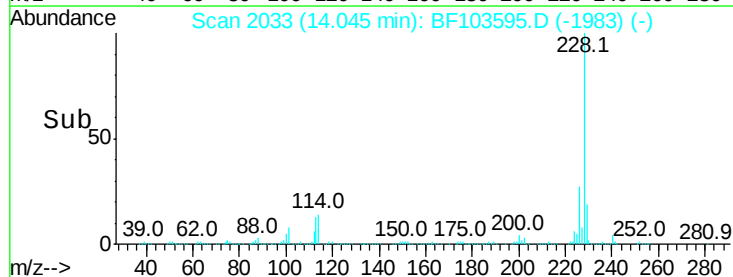
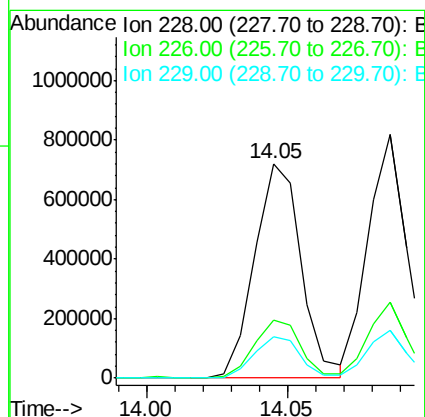
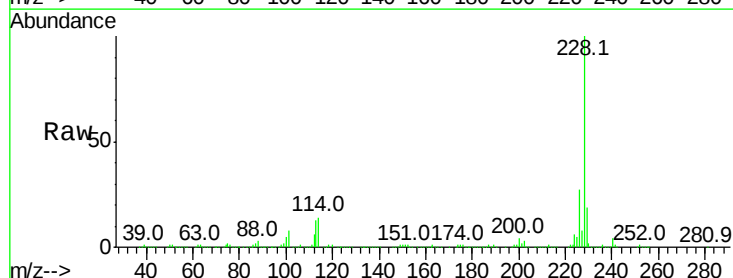
Instrument :
BNA_F
ClientSampleId :

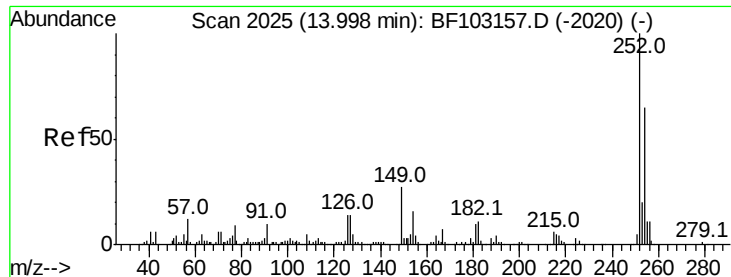
Tot Ion:149 Resp: 551932
Ion Ratio Lower Upper
149 100
91 77.9 56.8 85.2
206 16.5 14.1 21.1



#80
Benzo(a)anthracene
Concen: 37.450 ng
RT: 14.05 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103595.D
Acq: 12 Mar 2018 21:17

Tgt Ion:228 Resp: 827686
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 19.5 15.8 23.6

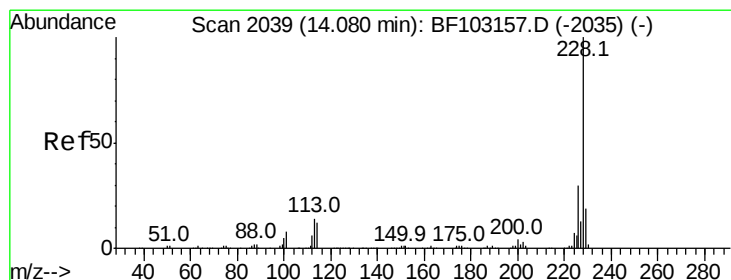
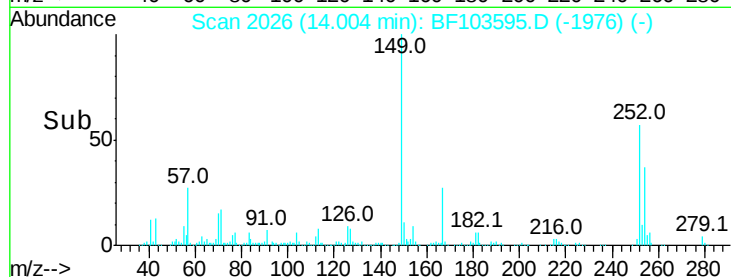
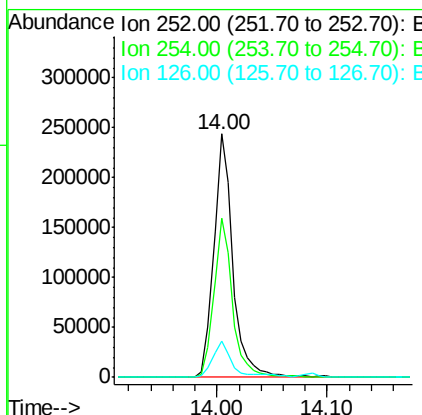
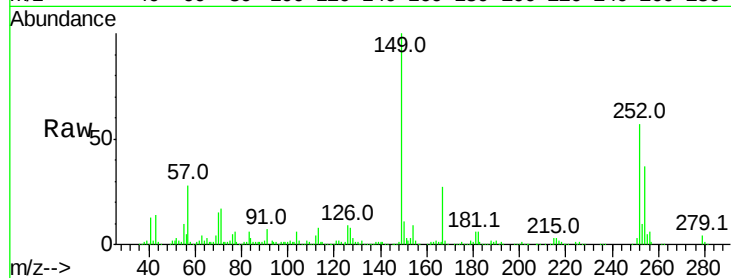




#81
 3,3'-Dichlorobenzidine
 Concen: 36.682 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF103595.D
 Acq: 12 Mar 2018 21:17

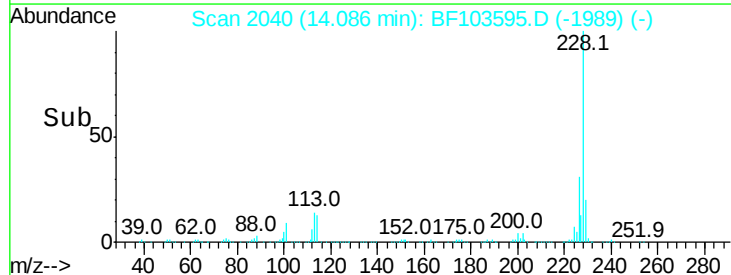
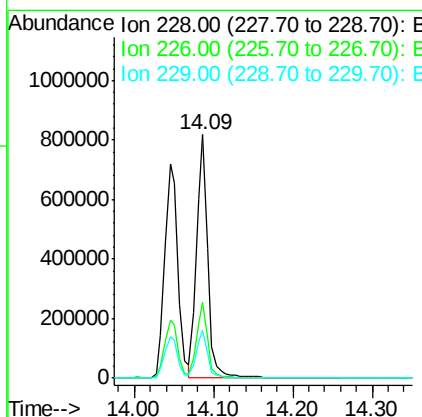
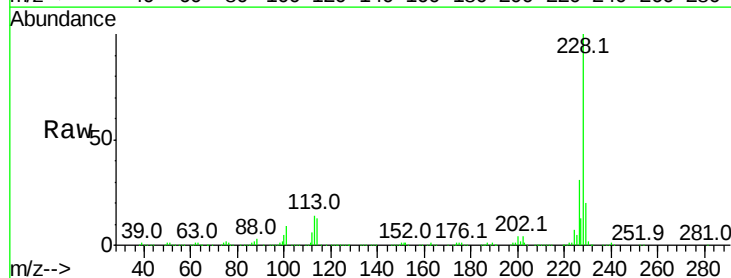
Instrument :
 BNA_F
 ClientSampleId :

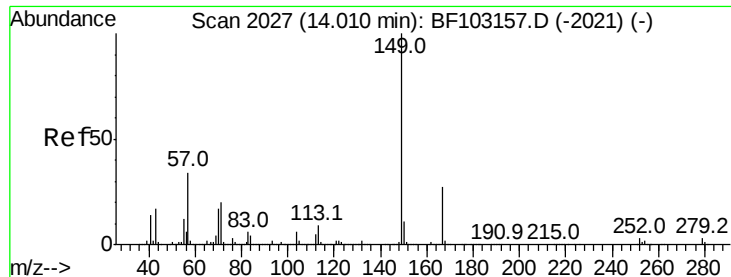
Tot Ion:252 Resp: 289325
 Ion Ratio Lower Upper
 252 100
 254 65.4 50.4 75.6
 126 15.0 11.3 16.9



#82
 Chrysene
 Concen: 38.132 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF103595.D
 Acq: 12 Mar 2018 21:17

Tgt Ion:228 Resp: 818279
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.6
 229 19.6 16.2 24.4

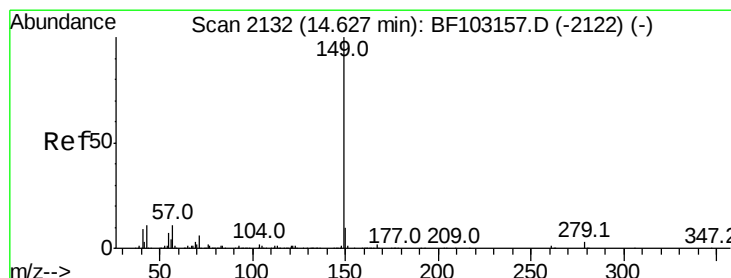
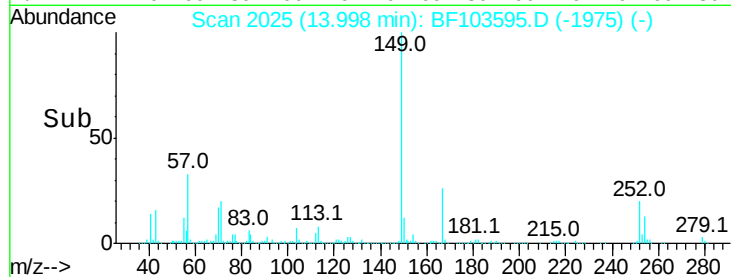
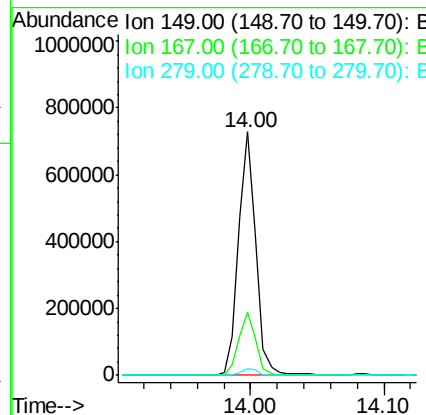
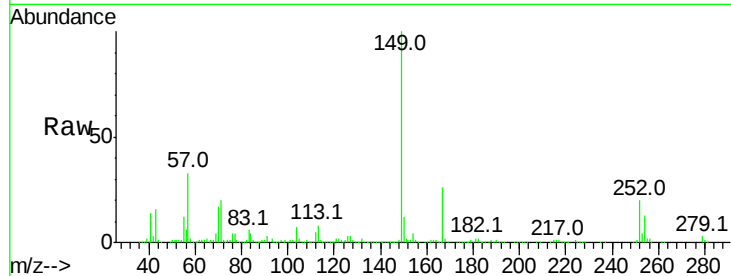




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.305 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF103595.D
 Acq: 12 Mar 2018 21:17

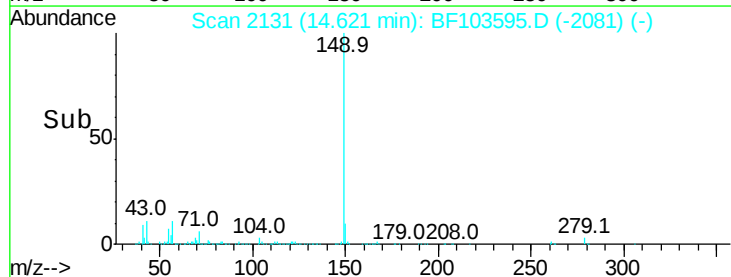
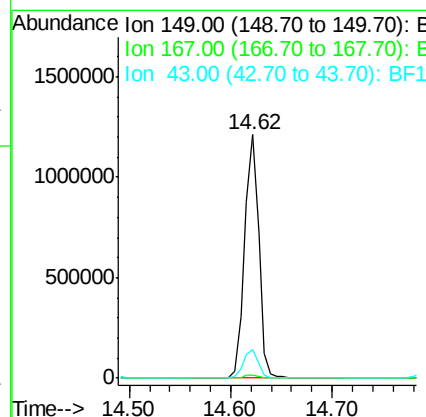
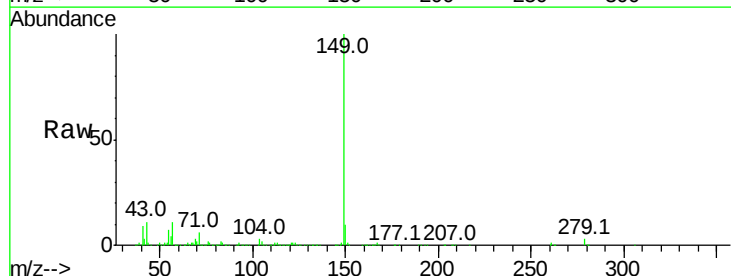
Instrument :
 BNA_F
 ClientSampled :

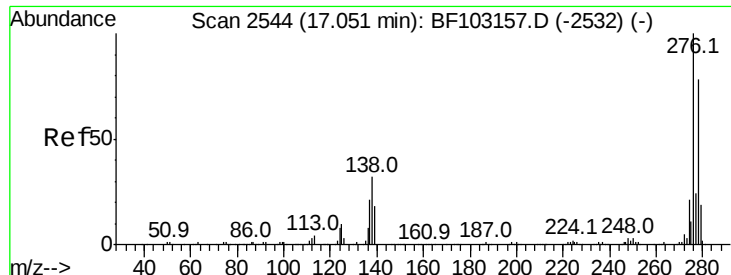
Tot Ion:149 Resp: 668483
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.3 31.9
 279 2.7 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 38.400 ng
 RT: 14.62 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BF103595.D
 Acq: 12 Mar 2018 21:17

Tgt Ion:149 Resp: 1174738
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.9 8.4 12.6

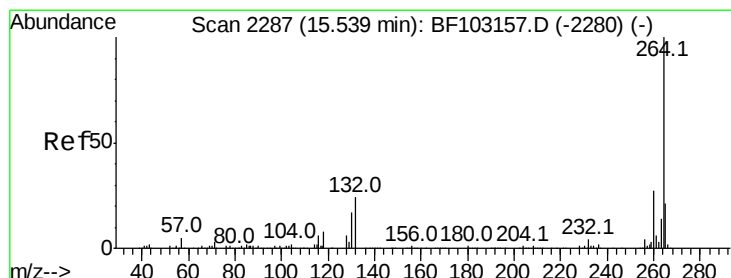
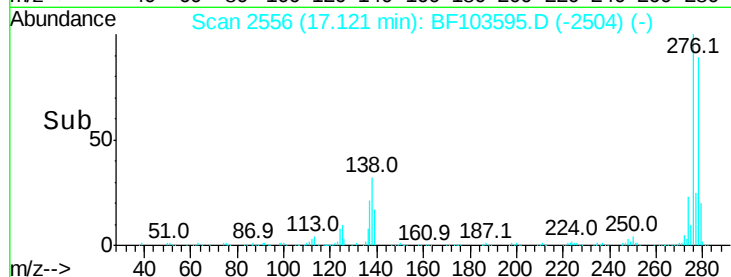
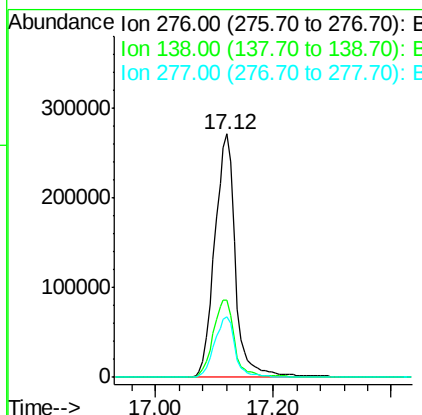
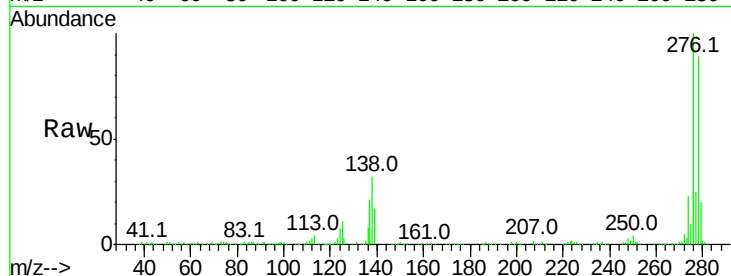




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.885 ng
 RT: 17.12 min Scan# 2556
 Delta R.T. 0.01 min
 Lab File: BF103595.D
 Acq: 12 Mar 2018 21:17

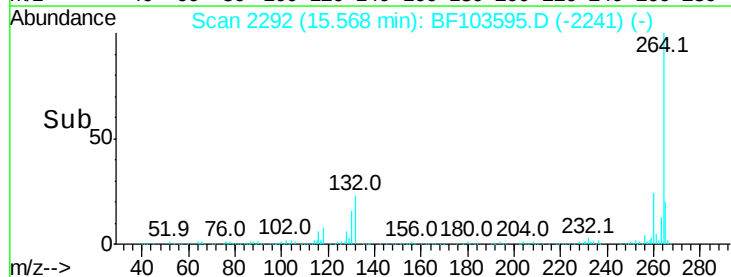
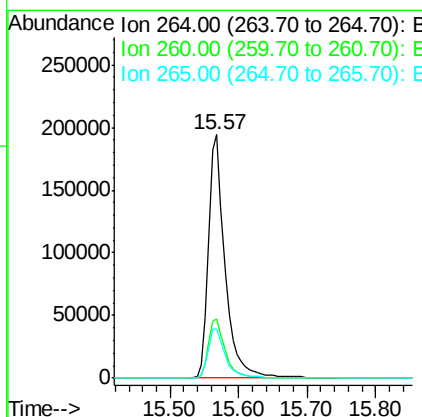
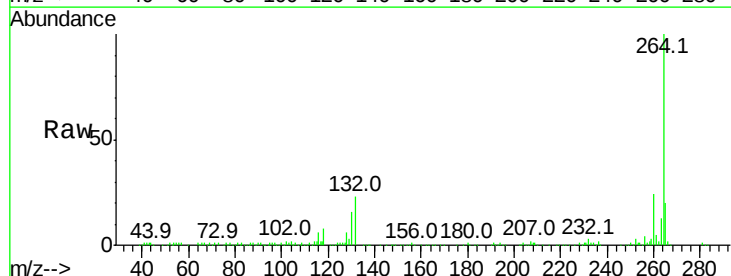
Instrument :
 BNA_F
 ClientSampleId :

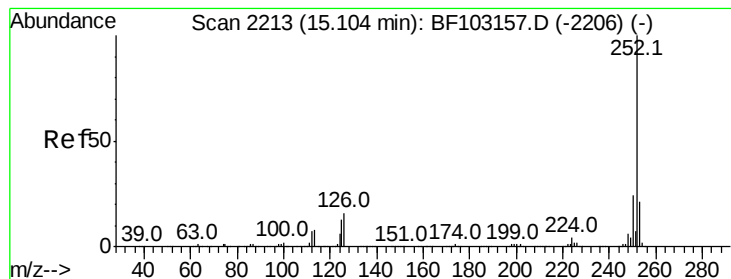
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.1	25.0	37.6
277	24.8	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BF103595.D
 Acq: 12 Mar 2018 21:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	20.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 35.334 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

Instrument :

BNA_F

ClientSampleId :

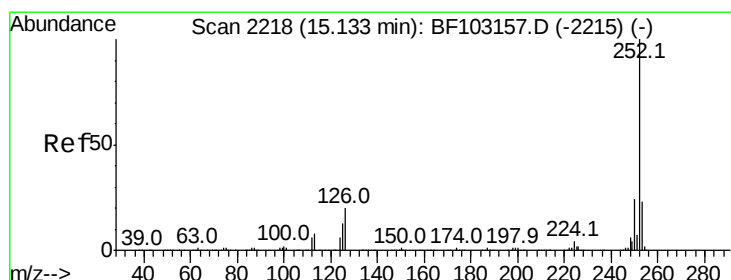
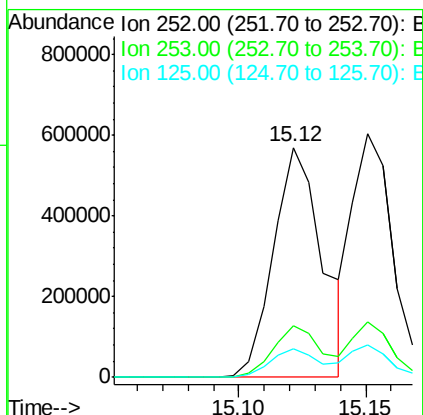
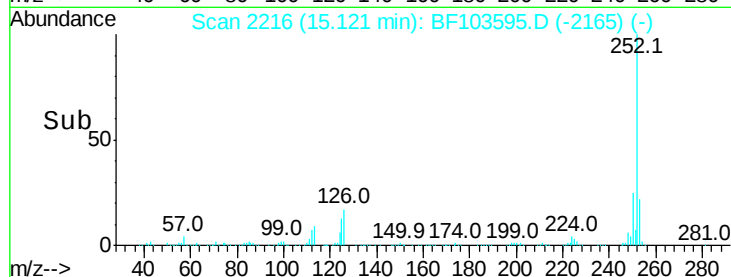
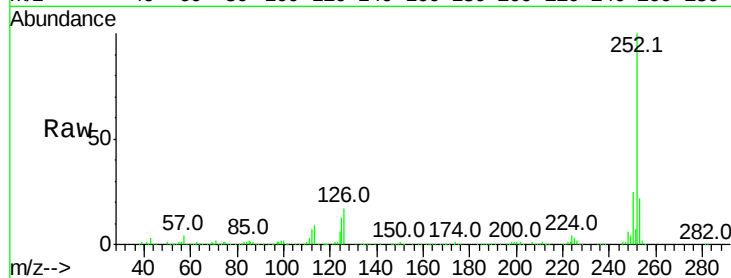
Tot Ion:252 Resp: 764319

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

125 12.7 9.0 13.6



#88

Benzo(k)fluoranthene

Concen: 35.174 ng

RT: 15.15 min Scan# 2221

Delta R.T. 0.00 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

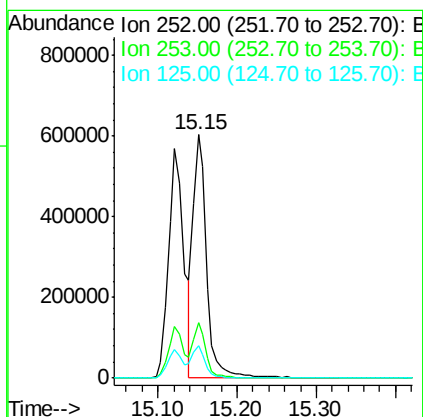
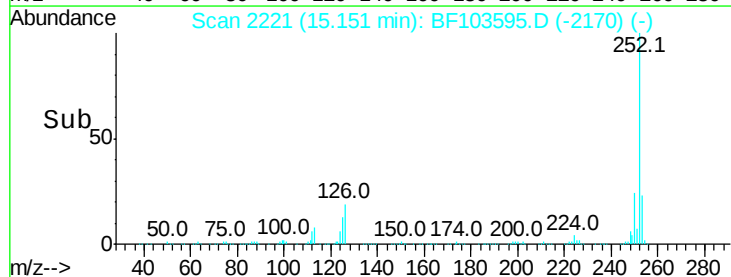
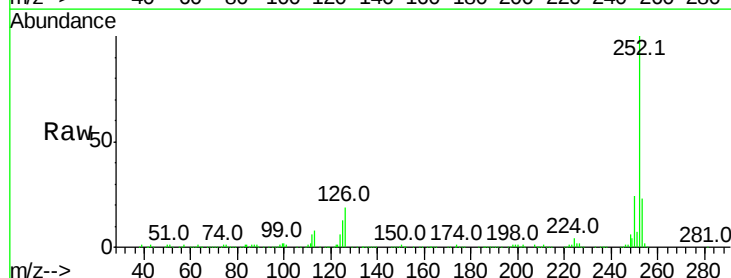
Tgt Ion:252 Resp: 716482

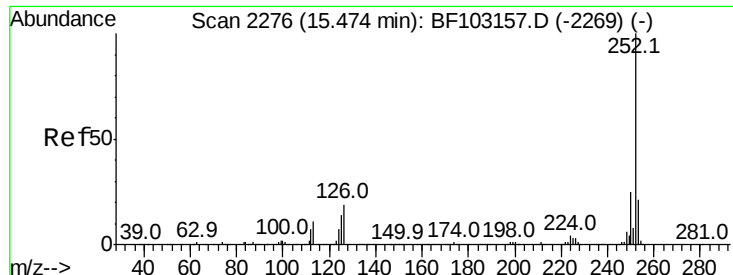
Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

125 13.2 10.2 15.2

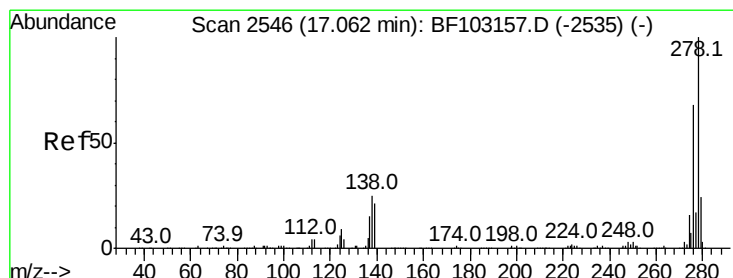
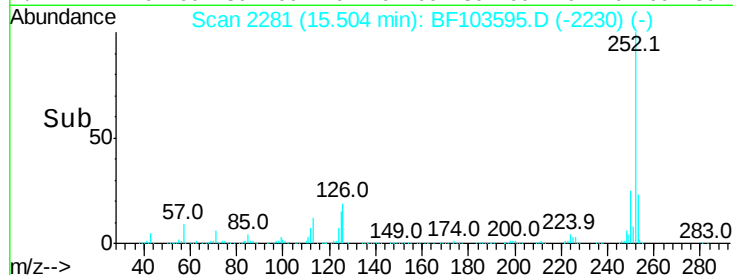
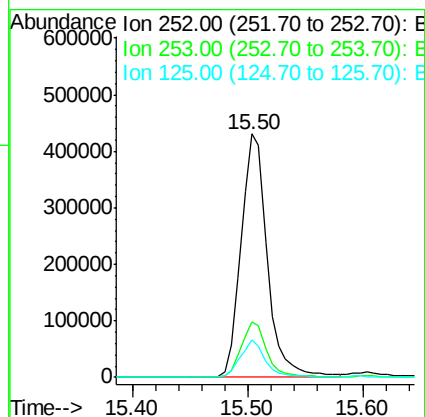
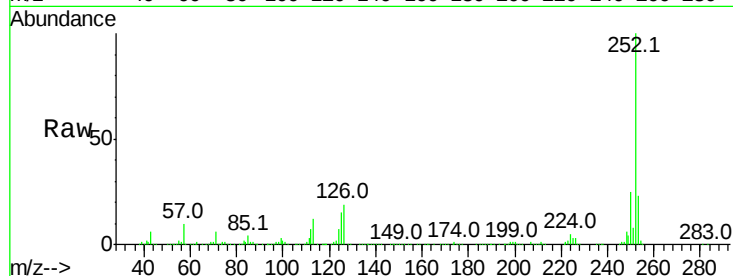




#89
Benzo(a)pyrene
Concen: 35.026 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF103595.D
Acq: 12 Mar 2018 21:17

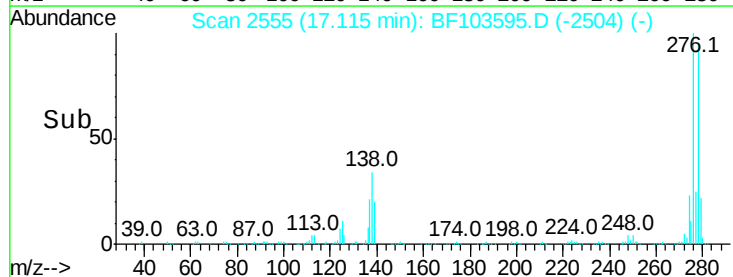
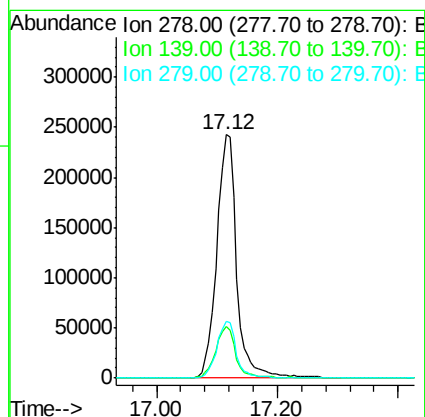
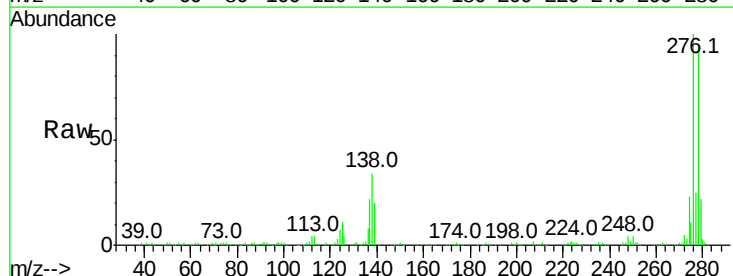
Instrument :
BNA_F
ClientSampled :

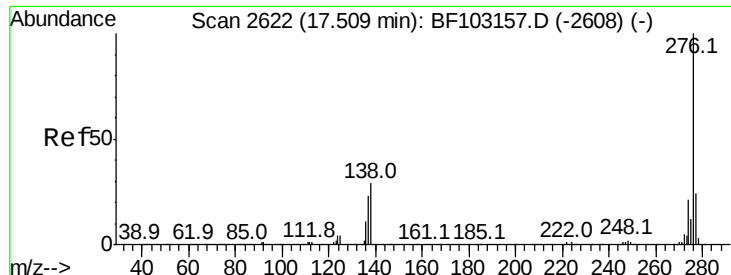
Tot Ion:252 Resp: 676594
Ion Ratio Lower Upper
252 100
253 22.8 17.1 25.7
125 15.2 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 37.094 ng
RT: 17.12 min Scan# 2555
Delta R.T. 0.00 min
Lab File: BF103595.D
Acq: 12 Mar 2018 21:17

Tgt Ion:278 Resp: 553671
Ion Ratio Lower Upper
278 100
139 21.1 15.9 23.9
279 23.4 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 38.684 ng

RT: 17.59 min Scan# 2635

Delta R.T. 0.00 min

Lab File: BF103595.D

Acq: 12 Mar 2018 21:17

Instrument :

BNA_F

ClientSampleId :

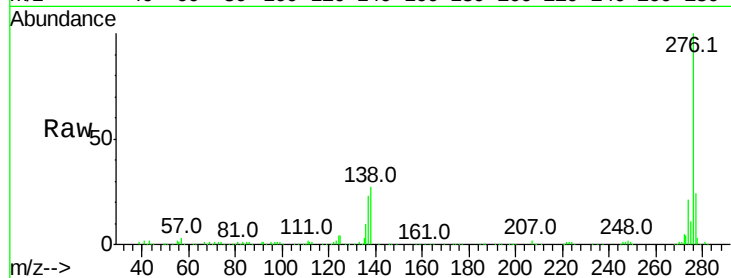
Tot Ion:276 Resp: 564323

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 27.4 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

