

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102819.D
 Acq On : 7 Feb 2018 17:37
 Operator : SJ/JU
 Sample : PB106347BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 02:17:40 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	189259	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	794328	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	363507	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	630768	20.00	ng	0.00
75) Chrysene-d12	14.05	240	442460	20.00	ng	0.00
86) Perylene-d12	15.53	264	389697	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1470963	118.03	ng	0.02
7) Phenol-d6	6.52	99	1790055	119.29	ng	0.01
23) Nitrobenzene-d5	7.45	82	1136698	99.27	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	385991	131.93	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1849279	84.42	ng	0.00
78) Terphenyl-d14	12.99	244	1688191	90.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.74	88	229407	37.27	ng	87
3) Pyridine	3.51	79	679680	39.97	ng	86
4) n-Nitrosodimethylamine	3.46	42	321013	44.12	ng	# 99
6) Aniline	6.55	93	510784	23.05	ng	98
8) 2-Chlorophenol	6.67	128	550201	42.88	ng	96
9) Benzaldehyde	6.43	77	173261	15.55	ng	97
10) Phenol	6.53	94	692038	43.03	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	540083	40.36	ng	91
12) 1,3-Dichlorobenzene	6.82	146	585166	39.39	ng	98
13) 1,4-Dichlorobenzene	6.90	146	581714	39.31	ng	99
14) 1,2-Dichlorobenzene	7.05	146	537869	39.02	ng	100
15) Benzyl Alcohol	7.02	79	492860	42.72	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	980471	38.57	ng	97
17) 2-Methylphenol	7.13	107	496443	41.95	ng	98
18) Hexachloroethane	7.39	117	211603	41.69	ng	94
19) n-Nitroso-di-n-propylamine	7.30	70	377447	38.15	ng	96
20) 3+4-Methylphenols	7.29	107	568273	38.94	ng	# 75
22) Acetophenone	7.29	105	751156	38.64	ng	# 94
24) Nitrobenzene	7.46	77	600294	44.57	ng	98
25) Isophorone	7.70	82	1106607	41.97	ng	100
26) 2-Nitrophenol	7.78	139	319040	55.91	ng	97
27) 2,4-Dimethylphenol	7.82	122	534332	47.97	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	675746	43.26	ng	99
29) 2,4-Dichlorophenol	8.02	162	463013	45.72	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	454740	39.70	ng	98
31) Naphthalene	8.19	128	1566838	40.37	ng	100
32) Benzoic acid	7.94	122	374501	47.71	ng	97
33) 4-Chloroaniline	8.23	127	186488	11.15	ng	98
34) Hexachlorobutadiene	8.30	225	228026	38.84	ng	100
35) Caprolactam	8.61	113	110883	31.53	ng	# 70
36) 4-Chloro-3-methylphenol	8.72	107	514940	45.26	ng	97
37) 2-Methylnaphthalene	8.88	142	1040549	40.95	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	381218	38.52	ng	97
40) Hexachlorocyclopentadiene	9.03	237	429495	91.28	ng	99

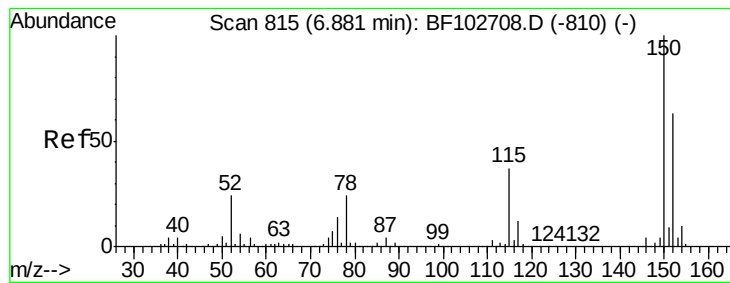
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102819.D
 Acq On : 7 Feb 2018 17:37
 Operator : SJ/JU
 Sample : PB106347BS
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Quant Time: Feb 08 02:17:40 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	303757	46.72	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	319743	43.64	ng	96
45) 1,1'-Biphenyl	9.35	154	1192845	38.96	ng	99
46) 2-Chloronaphthalene	9.37	162	960889	39.86	ng	99
47) 2-Nitroaniline	9.46	65	358820	48.22	ng	91
48) Acenaphthylene	9.79	152	1463600	39.09	ng	99
49) Dimethylphthalate	9.65	163	1130576	39.89	ng	100
50) 2,6-Dinitrotoluene	9.70	165	256775	47.62	ng	95
51) Acenaphthene	9.96	154	979891	43.77	ng	100
52) 3-Nitroaniline	9.87	138	177399	26.74	ng	95
53) 2,4-Dinitrophenol	9.98	184	234628	105.61	ng	# 18
54) Dibenzofuran	10.13	168	1284588	40.71	ng	96
55) 4-Nitrophenol	10.04	139	473543	86.50	ng	94
56) 2,4-Dinitrotoluene	10.11	165	348497	48.18	ng	96
57) Fluorene	10.47	166	960934	41.86	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	243431	47.93	ng	99
59) Diethylphthalate	10.35	149	1103619	39.43	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	419737	41.33	ng	98
61) 4-Nitroaniline	10.49	138	301461	47.73	ng	93
62) Azobenzene	10.62	77	1120331	40.07	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	155799	56.11	ng	95
65) n-Nitrosodiphenylamine	10.58	169	884398	39.75	ng	99
66) 4-Bromophenyl-phenylether	10.95	248	273193	40.94	ng	96
67) Hexachlorobenzene	11.02	284	292457	39.73	ng	100
68) Atrazine	11.11	200	271378	41.35	ng	98
69) Pentachlorophenol	11.22	266	321201	74.34	ng	99
70) Phenanthrene	11.43	178	1395414	39.72	ng	99
71) Anthracene	11.49	178	1456869	40.77	ng	100
72) Carbazole	11.64	167	1385264	39.57	ng	99
73) Di-n-butylphthalate	11.97	149	1712048	40.26	ng	100
74) Fluoranthene	12.62	202	1449715	41.02	ng	98
76) Benzidine	12.74	184	425056	20.90	ng	99
77) Pyrene	12.85	202	1455817	41.96	ng	100
79) Butylbenzylphthalate	13.46	149	709699	42.87	ng	97
80) Benzo(a)anthracene	14.04	228	1181554	42.46	ng	100
81) 3,3'-Dichlorobenzidine	14.00	252	288585	27.97	ng	99
82) Chrysene	14.08	228	1131506	40.34	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	900985	42.39	ng	98
84) Di-n-octyl phthalate	14.63	149	1388468	43.51	ng	99
85) Indeno(1,2,3-cd)pyrene	17.02	276	992471	42.66	ng	99
87) Benzo(b)fluoranthene	15.09	252	1108974	43.89	ng	96
88) Benzo(k)fluoranthene	15.12	252	937080	38.82	ng	99
89) Benzo(a)pyrene	15.47	252	956843	42.07	ng	98
90) Dibenzo(a,h)anthracene	17.04	278	821698	44.51	ng	98
91) Benzo(g,h,i)perylene	17.48	276	856144	47.39	ng	98

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

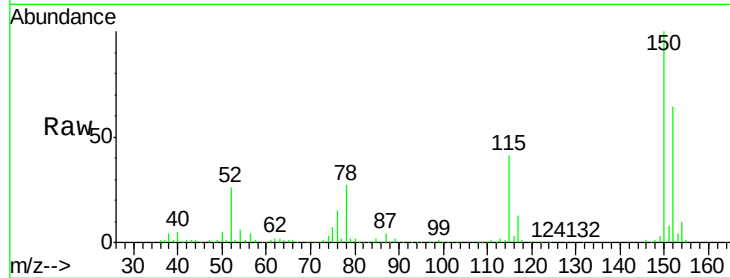


#1

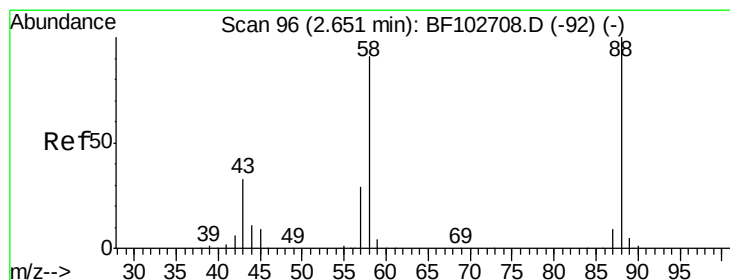
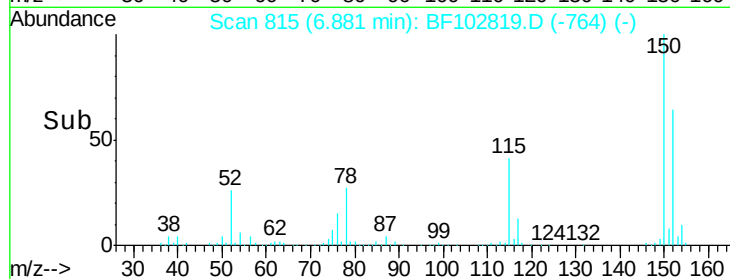
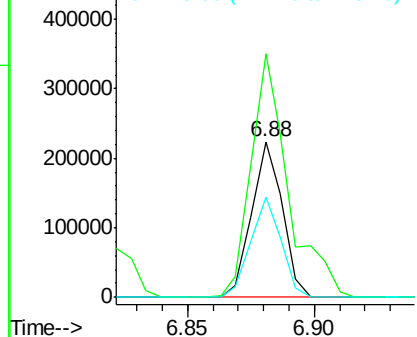
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 189259
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 64.1 50.1 75.1



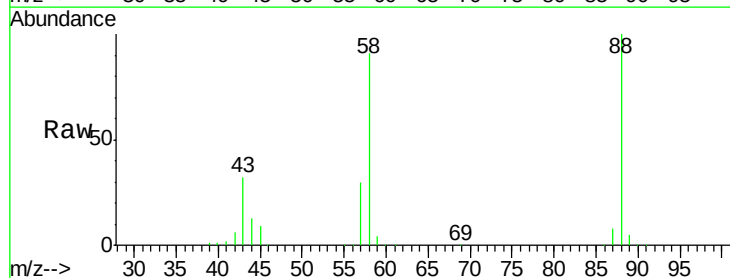
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



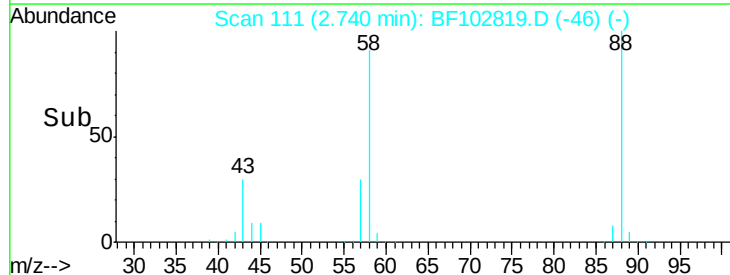
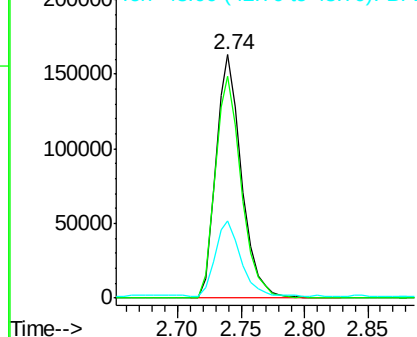
#2

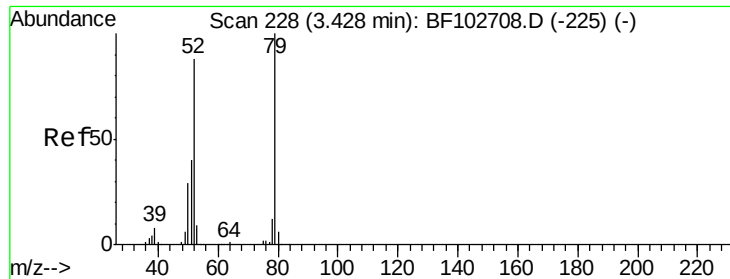
1,4-Dioxane
Concen: 37.27 ng
RT: 2.74 min Scan# 111
Delta R.T. 0.08 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Tgt Ion: 88 Resp: 229407
Ion Ratio Lower Upper
88 100
58 93.3 62.6 93.8
43 31.0 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

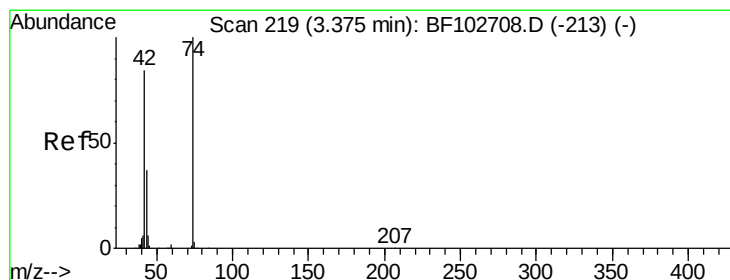
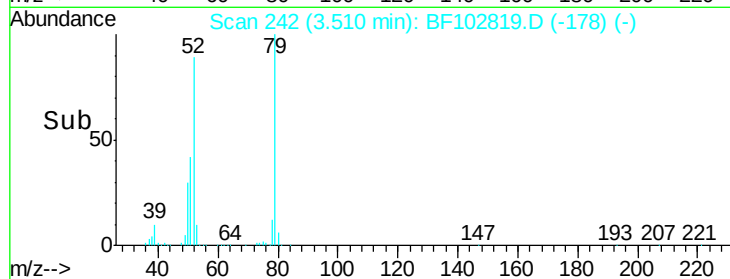
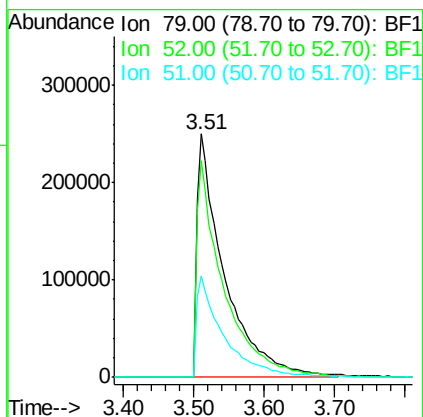
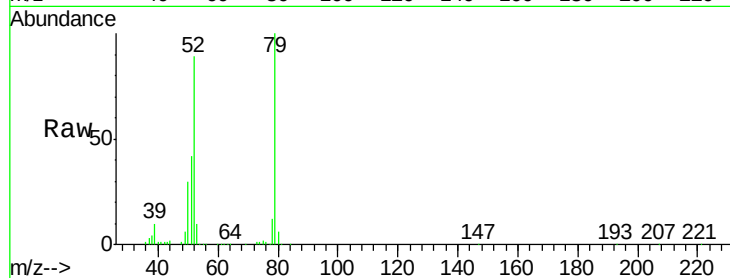




#3
 Pvridine
 Concen: 39.97 ng
 RT: 3.51 min Scan# 242
 Delta R.T. 0.08 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

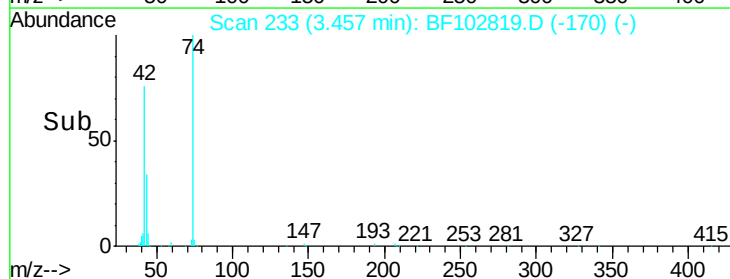
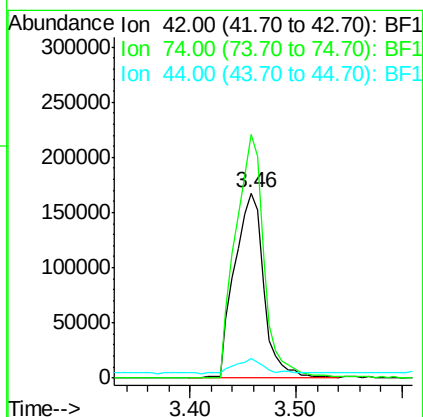
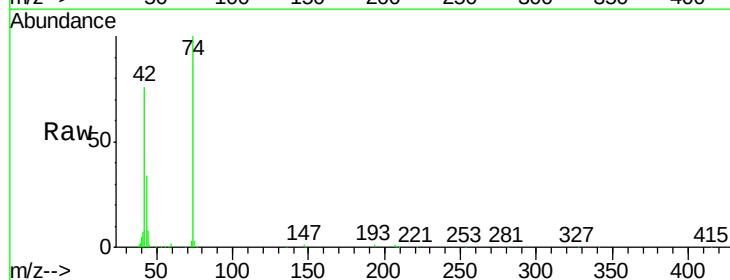
Instrument :
 BNA_F
 ClientSampleId :

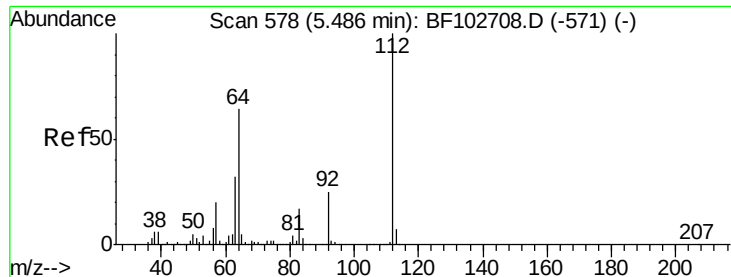
Tot Ion: 79 Resp: 679680
 Ion Ratio Lower Upper
 79 100
 52 89.0 59.8 89.6
 51 41.9 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 44.12 ng
 RT: 3.46 min Scan# 233
 Delta R.T. 0.07 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Tgt Ion: 42 Resp: 321013
 Ion Ratio Lower Upper
 42 100
 74 131.4 104.9 157.3
 44 10.5 6.9 10.3#





#5

2-Fluorophenol

Concen: 118.03 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

ClientSampleId :

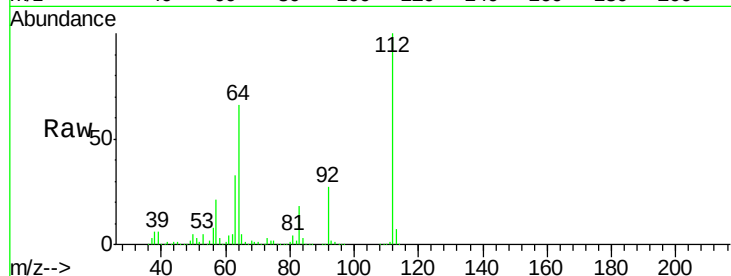
Tot Ion:112 Resp: 1470963

Ion Ratio Lower Upper

112 100

64 65.9 47.9 71.9

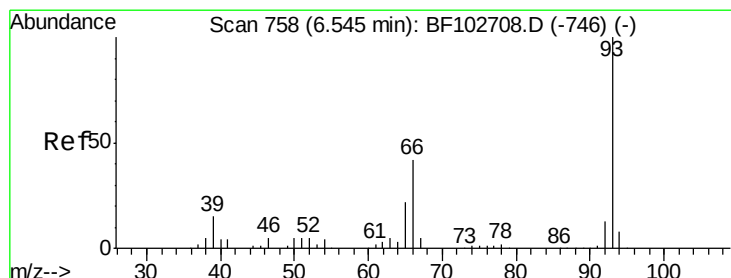
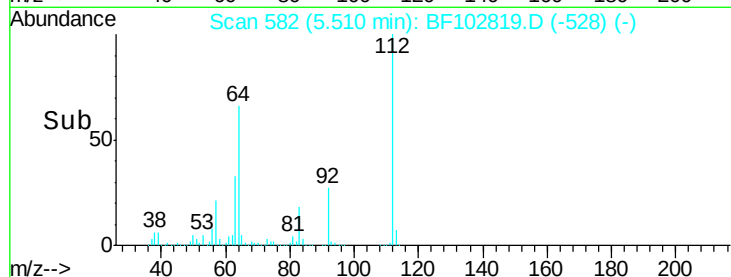
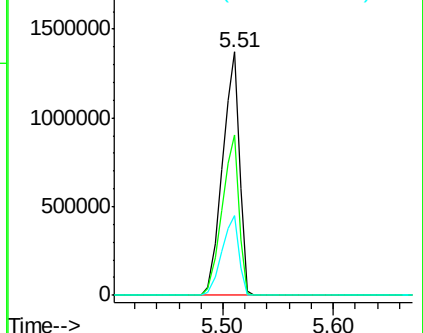
63 33.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.05 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

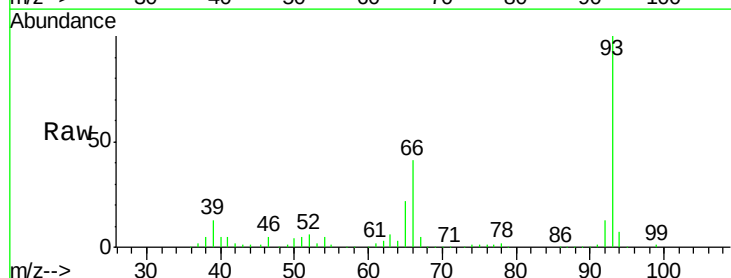
Tgt Ion: 93 Resp: 510784

Ion Ratio Lower Upper

93 100

66 41.4 32.2 48.2

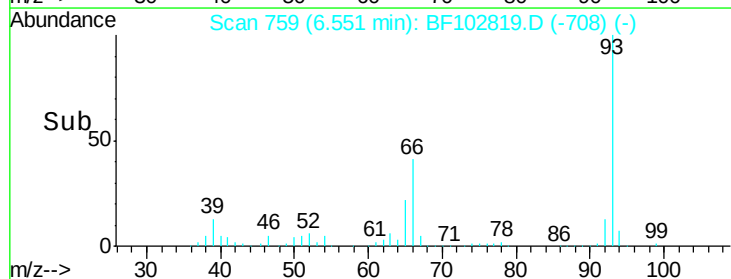
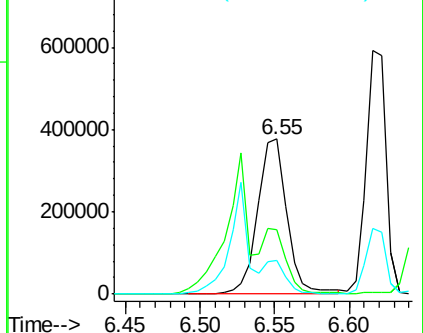
65 21.7 16.4 24.6

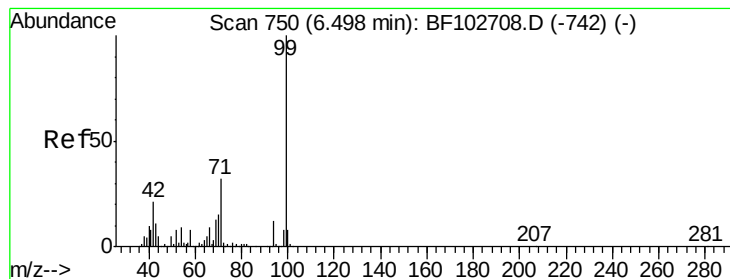


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.29 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

ClientSampleId :

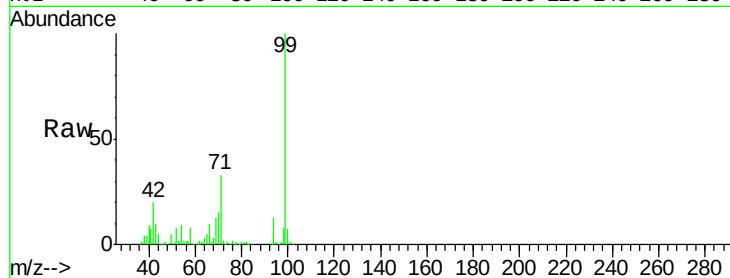
Tot Ion: 99 Resp: 1790055

Ion Ratio Lower Upper

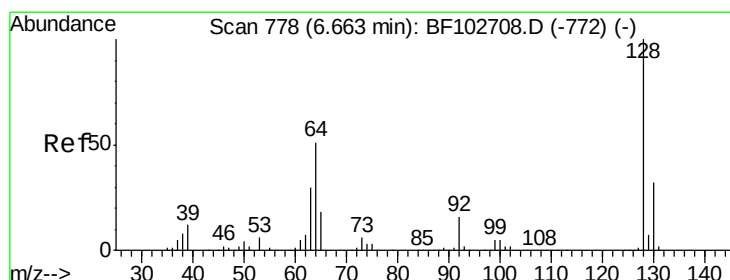
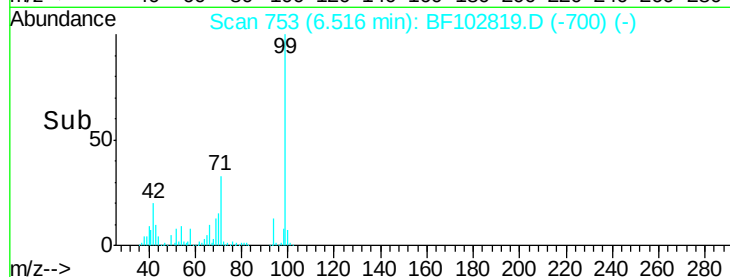
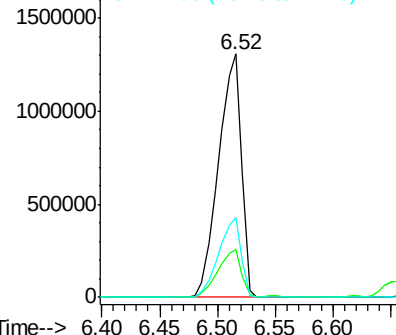
99 100

42 19.9 14.5 21.7

71 33.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.88 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

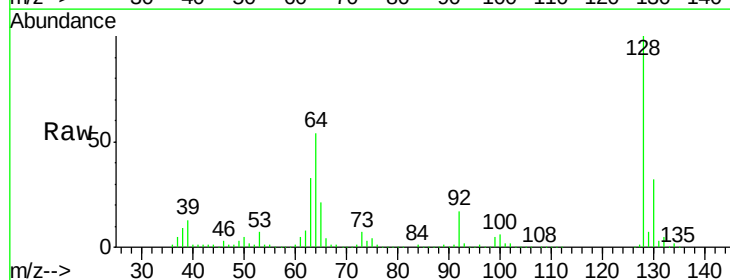
Tgt Ion: 128 Resp: 550201

Ion Ratio Lower Upper

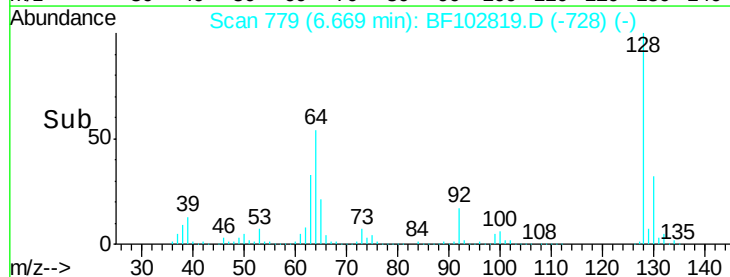
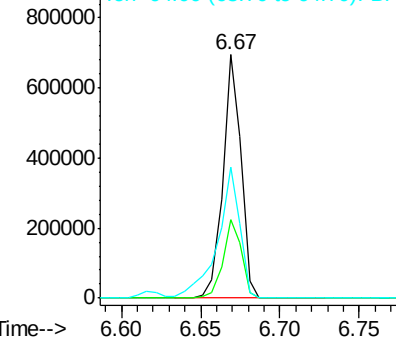
128 100

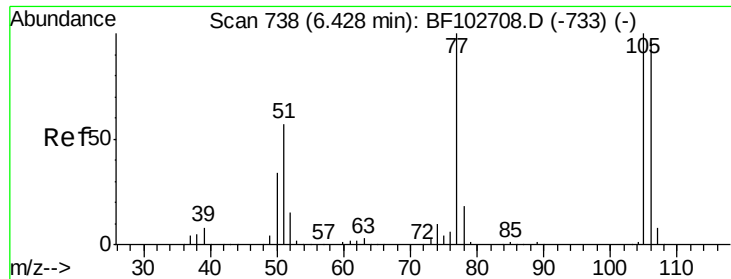
130 32.3 13.0 53.0

64 54.0 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 15.55 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

ClientSampled :

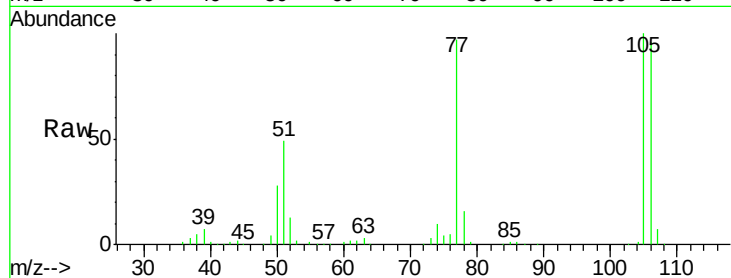
Tot Ion: 77 Resp: 173261

Ion Ratio Lower Upper

77 100

105 103.1 81.1 121.1

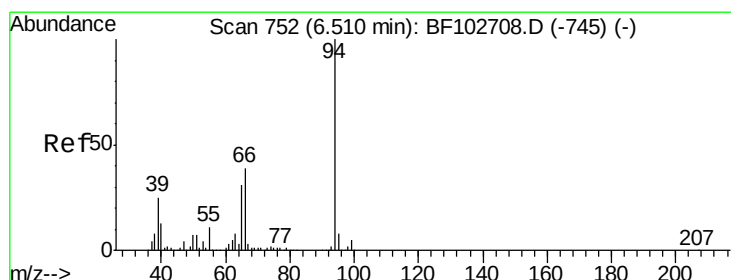
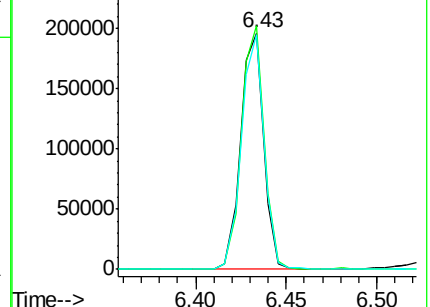
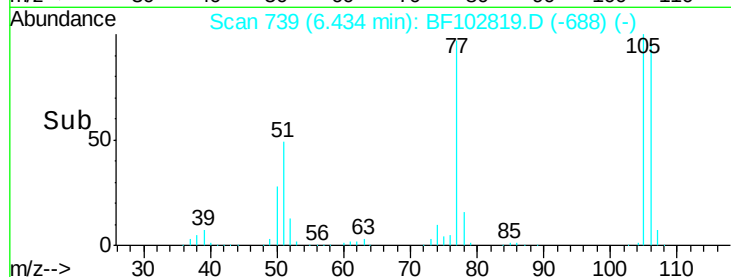
106 99.2 74.5 114.5



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: 43.03 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

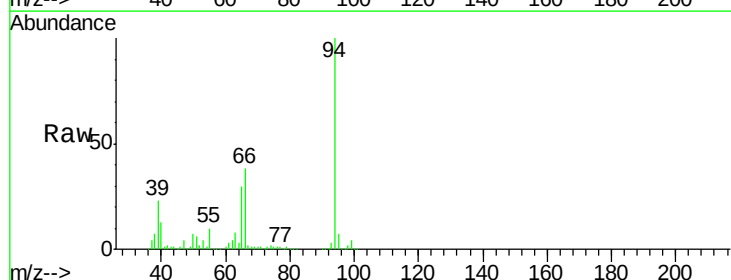
Tgt Ion: 94 Resp: 692038

Ion Ratio Lower Upper

94 100

65 30.3 7.9 47.9

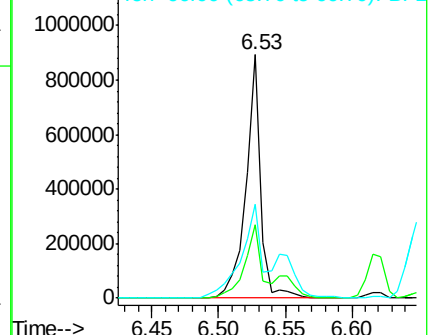
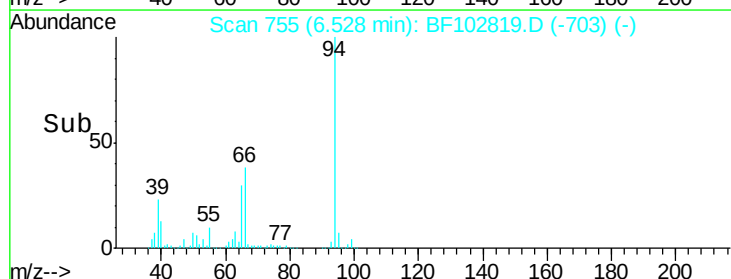
66 38.4 16.2 56.2

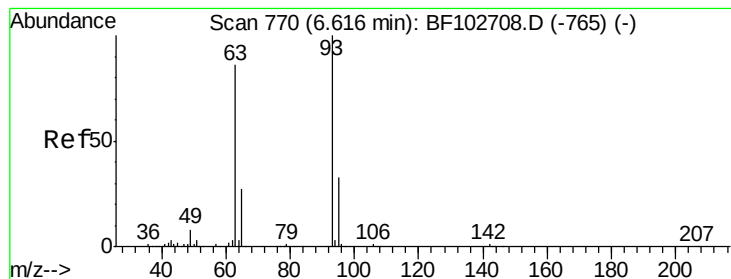


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

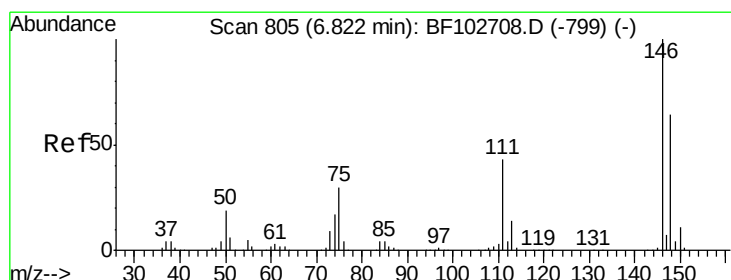
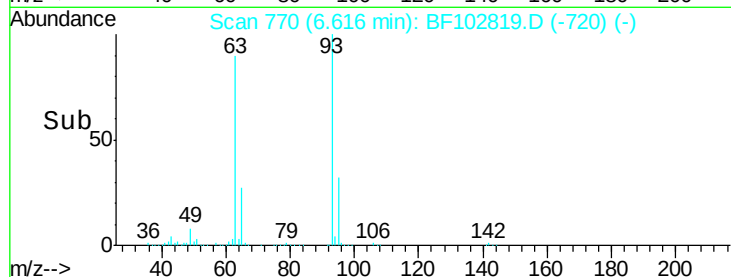
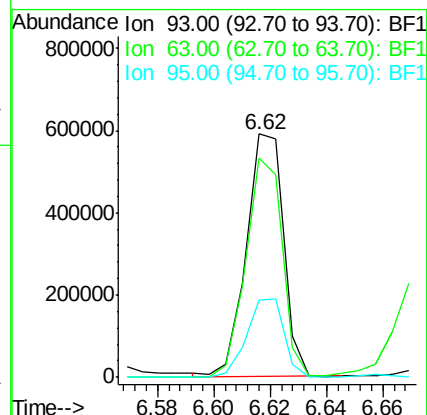
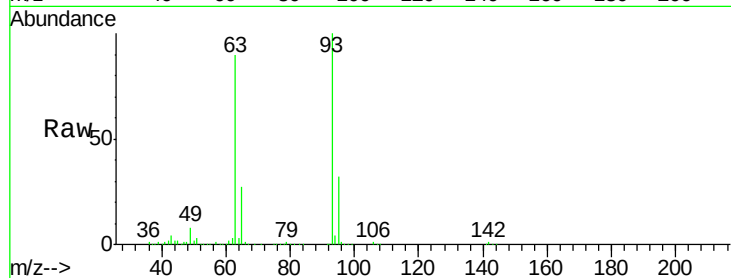




#11
bis(2-Chloroethyl)ether
Concen: 40.36 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

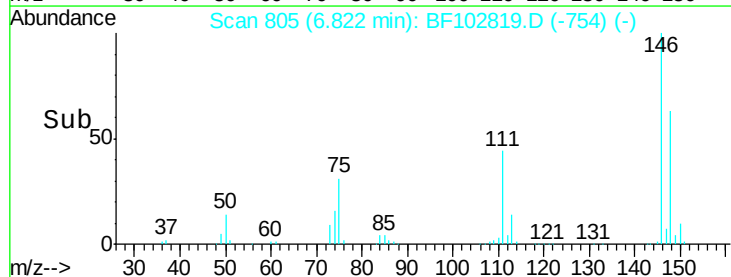
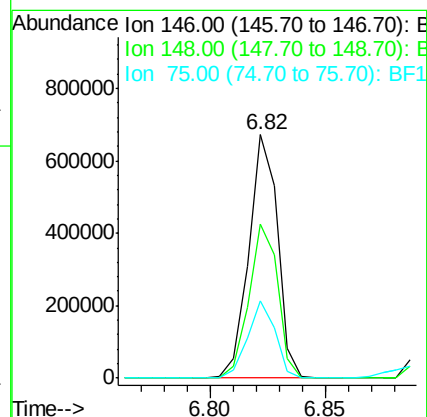
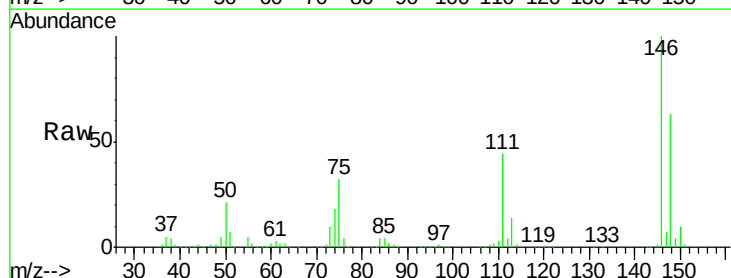
Instrument :
BNA_F
ClientSampleId :

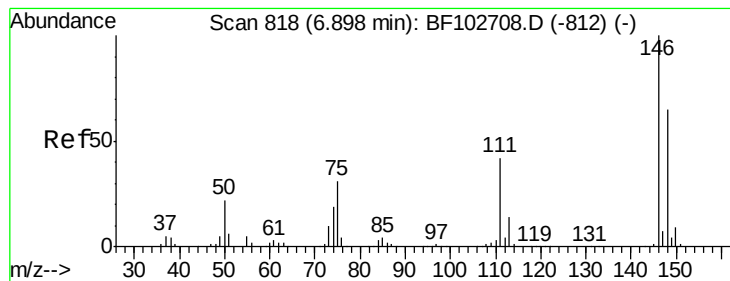
Tot Ion	93	Resp	540083
Ion	Ratio	Lower	Upper
93	100		
63	90.1	58.6	98.6
95	31.9	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 39.39 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Tgt Ion	146	Resp	585166
Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.8
75	31.8	24.2	36.4

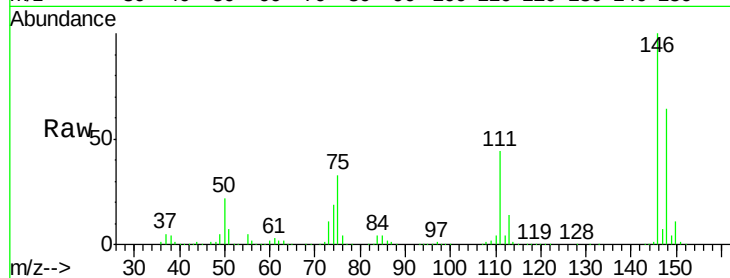




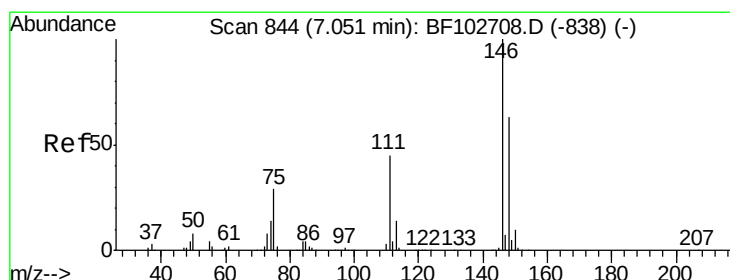
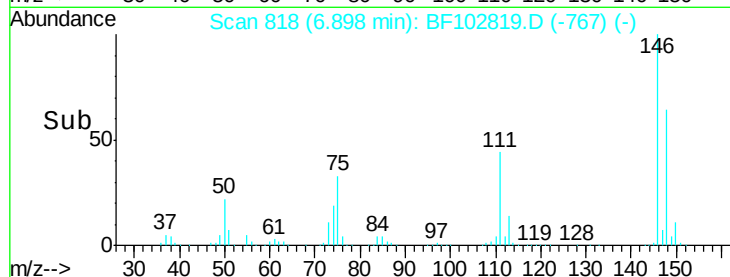
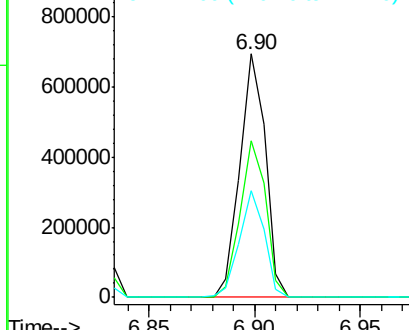
#13
 1,4-Dichlorobenzene
 Concen: 39.31 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 581714
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.8 76.2
 111 43.7 34.2 51.2

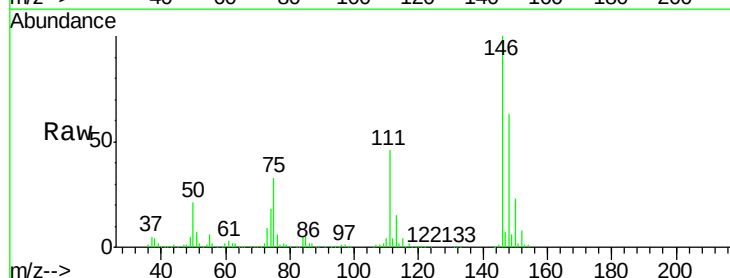


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

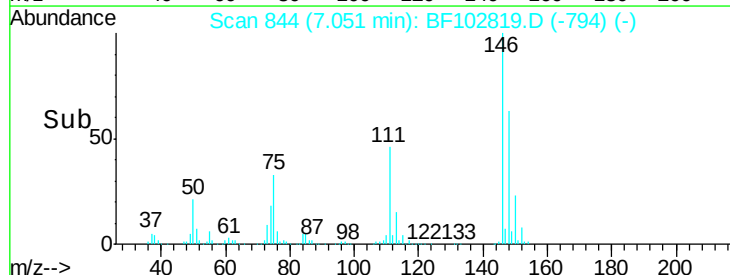
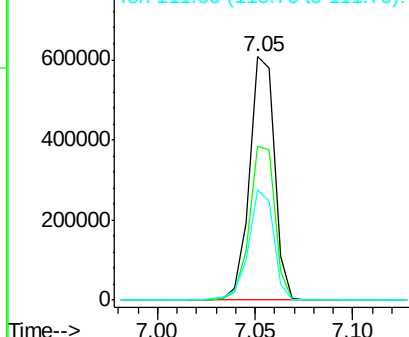


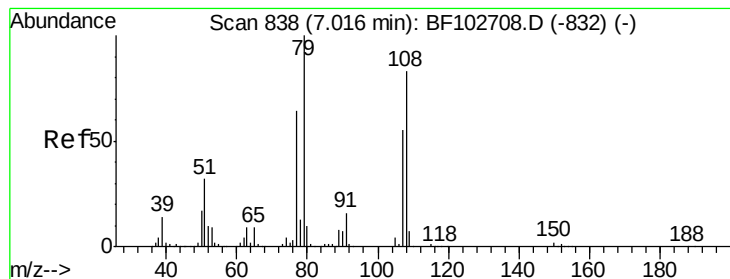
#14
 1,2-Dichlorobenzene
 Concen: 39.02 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Tgt Ion:146 Resp: 537869
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.6 75.8
 111 45.6 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: 42.72 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

ClientSampleId :

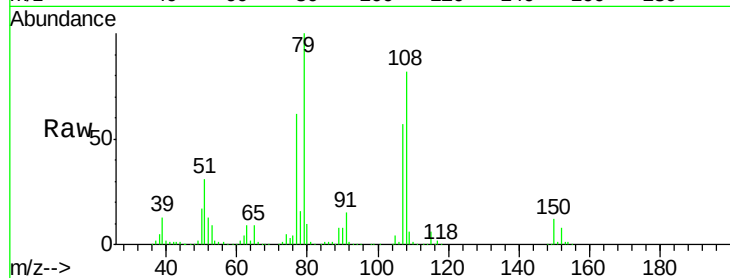
Tot Ion: 79 Resp: 492860

Ion Ratio Lower Upper

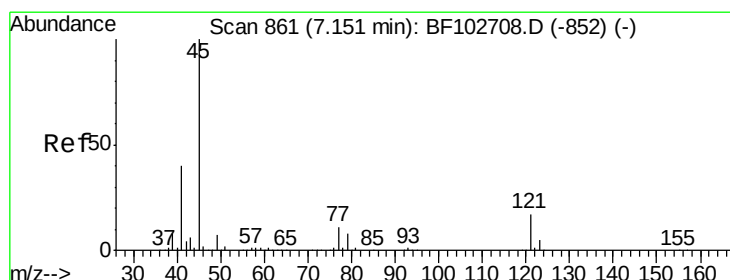
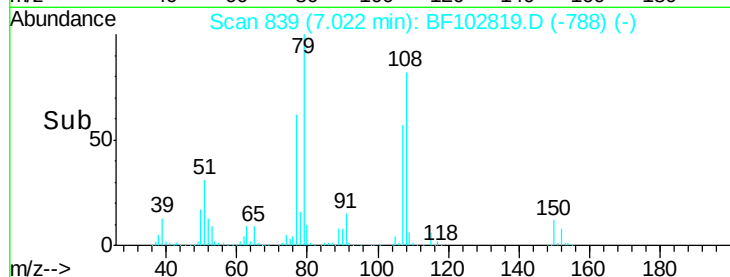
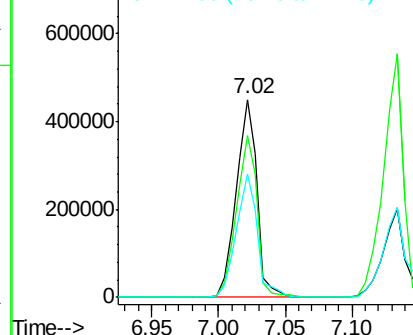
79 100

108 81.8 65.1 97.7

77 62.3 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.57 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

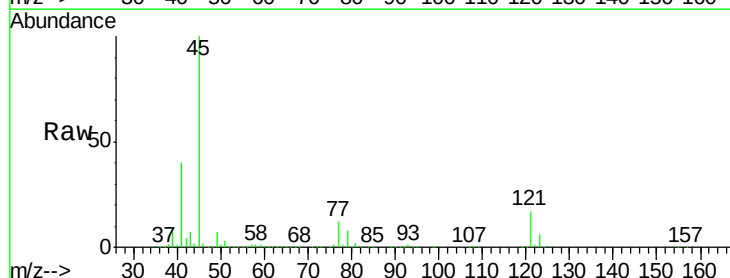
Tgt Ion: 45 Resp: 980471

Ion Ratio Lower Upper

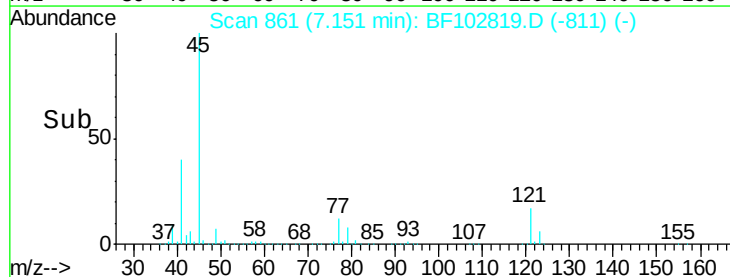
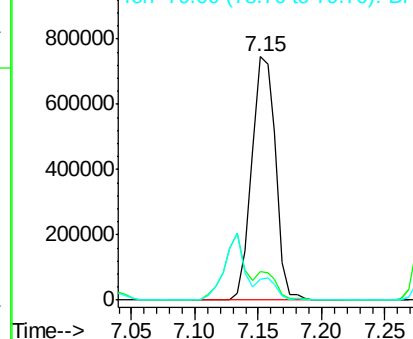
45 100

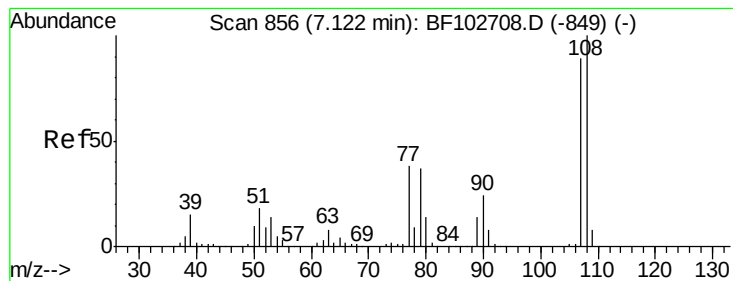
77 11.9 0.0 32.9

79 8.4 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

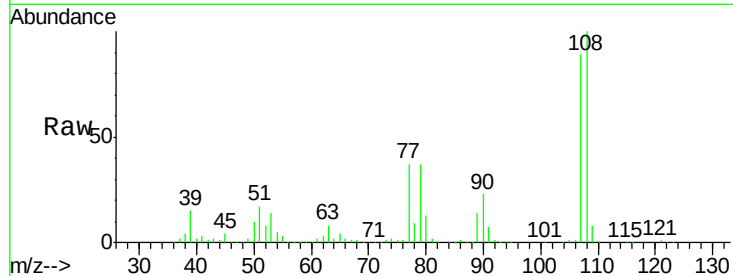




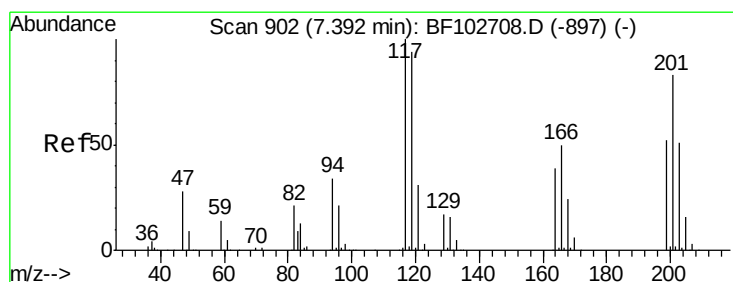
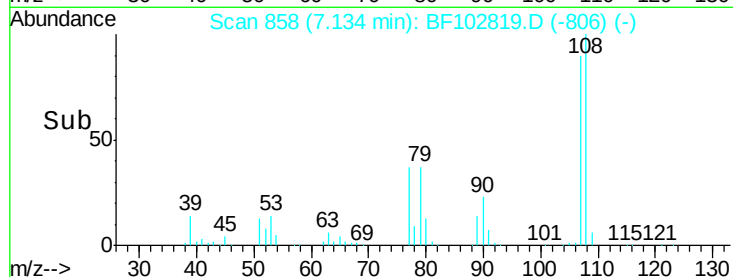
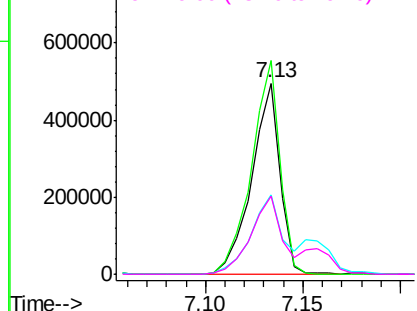
#17
2-Methylphenol
Concen: 41.95 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 496443
Ion Ratio Lower Upper
107 100
108 111.8 91.7 137.5
77 41.4 33.8 50.8
79 41.0 33.8 50.8

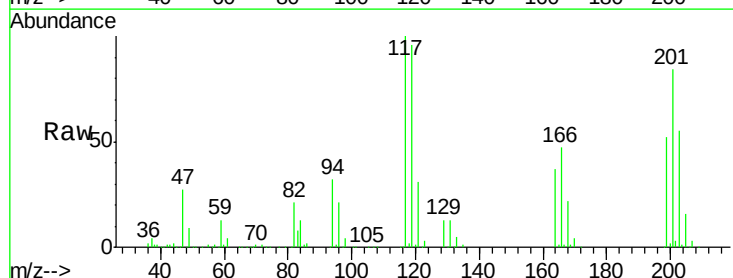


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

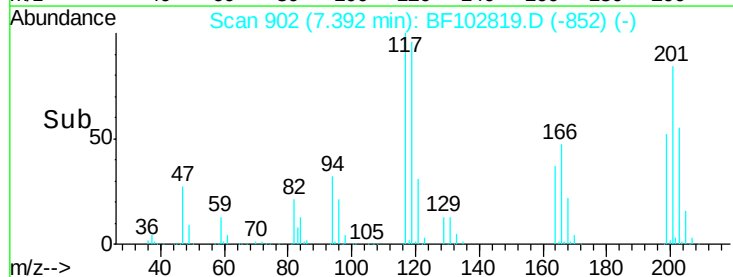
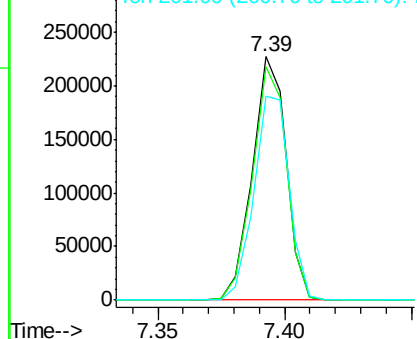


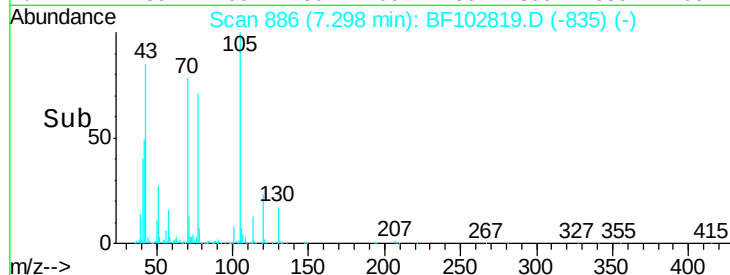
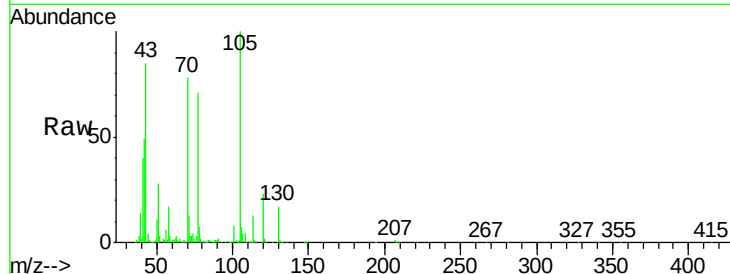
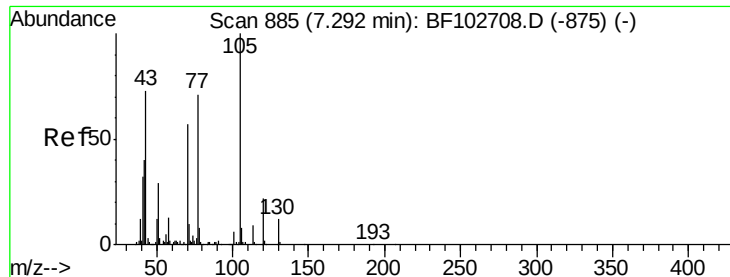
#18
Hexachloroethane
Concen: 41.69 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Tgt Ion:117 Resp: 211603
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.8
201 83.5 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

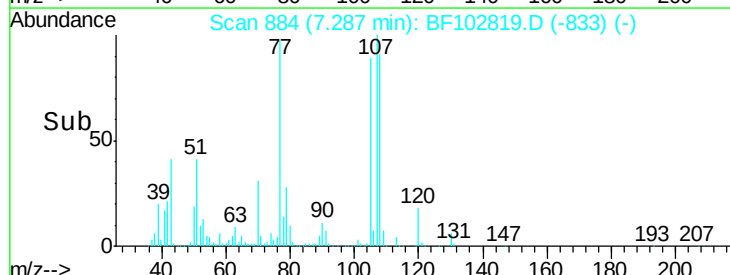
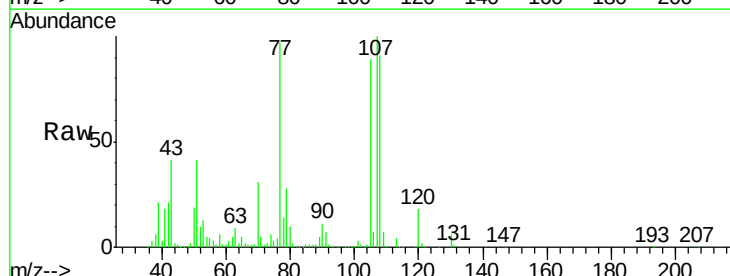
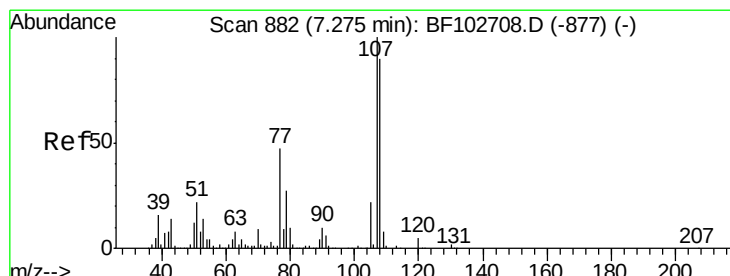
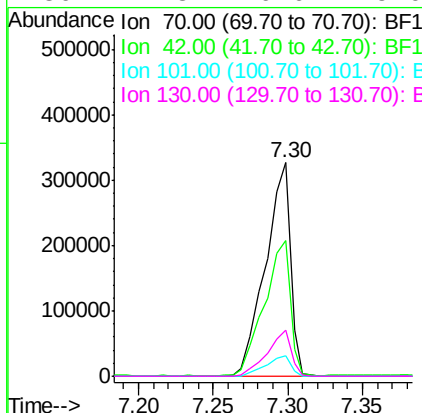




#19
n-Nitroso-di-n-propylamine
Concen: 38.15 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

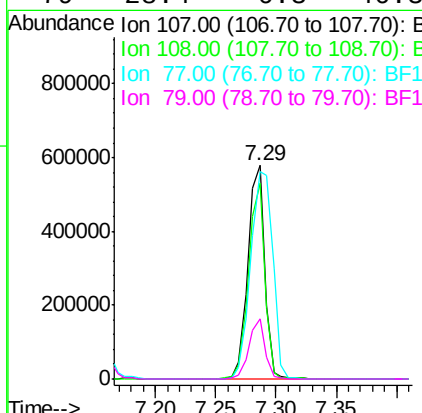
Instrument :
BNA_F
ClientSampled :

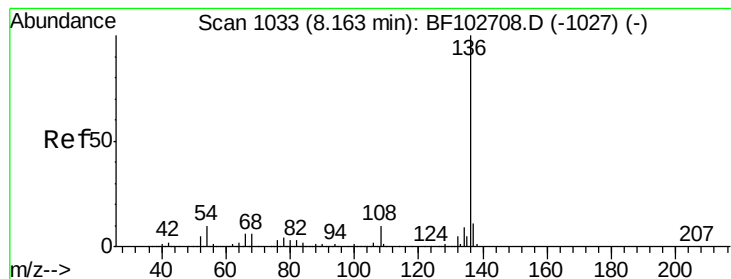
Tot Ion: 70 Resp: 377447
Ion Ratio Lower Upper
70 100
42 63.6 47.5 71.3
101 9.7 7.4 11.2
130 21.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 38.94 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Tgt Ion: 107 Resp: 568273
Ion Ratio Lower Upper
107 100
108 91.4 68.2 108.2
77 97.2 26.7 66.7#
79 28.4 6.3 46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 794328

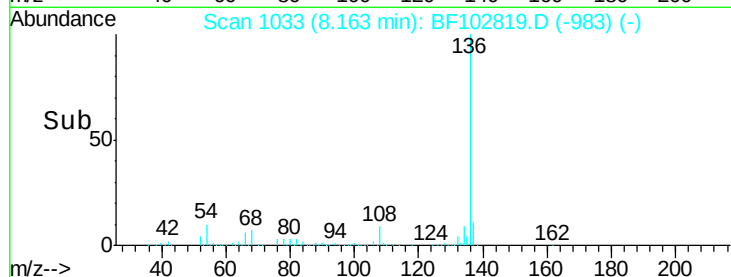
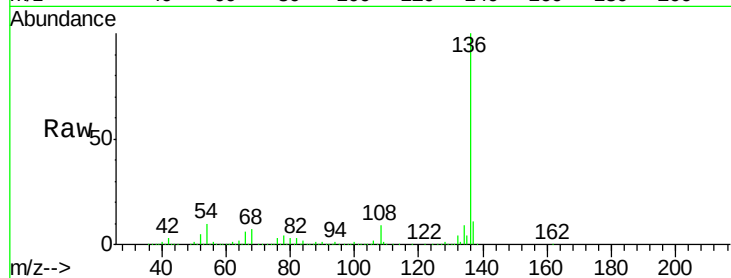
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 10.2 6.6 9.8#

68 7.0 5.0 7.4

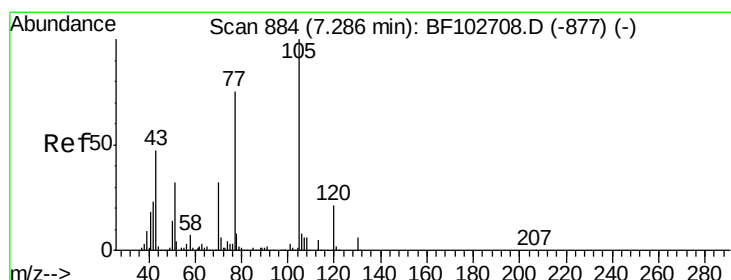
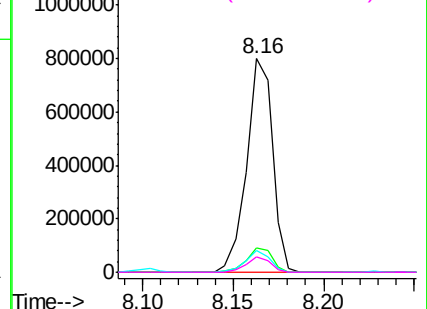


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.64 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Tgt Ion:105 Resp: 751156

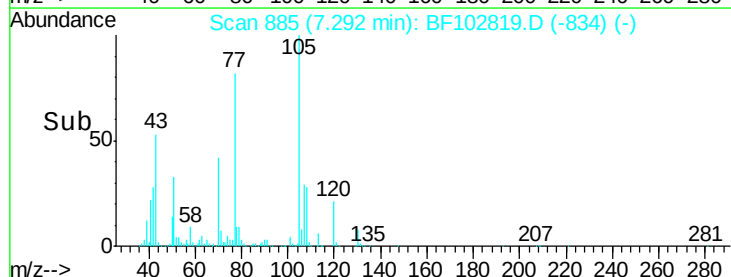
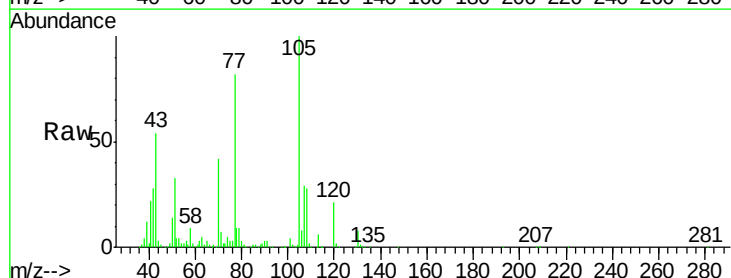
Ion Ratio Lower Upper

105 100

71 7.1 4.4 6.6#

51 33.1 22.3 33.5

120 21.4 16.9 25.3

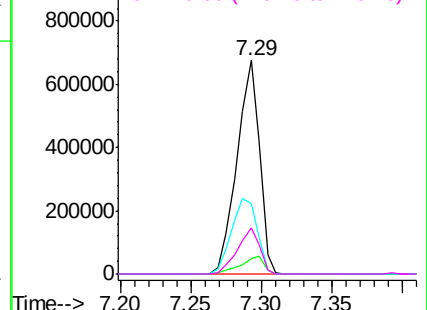


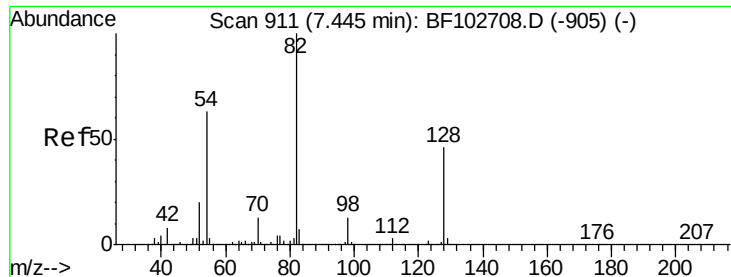
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

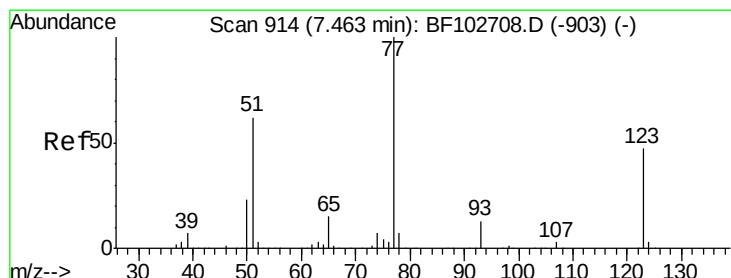
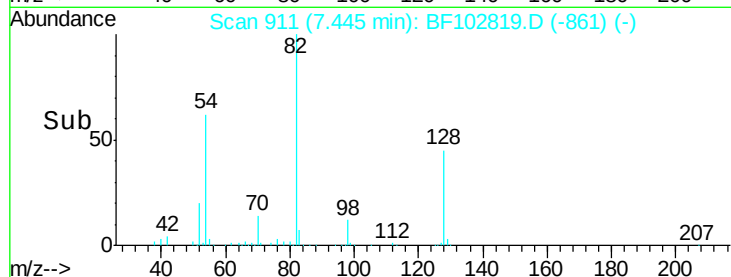
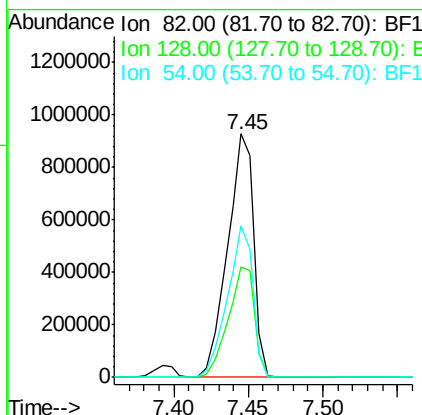
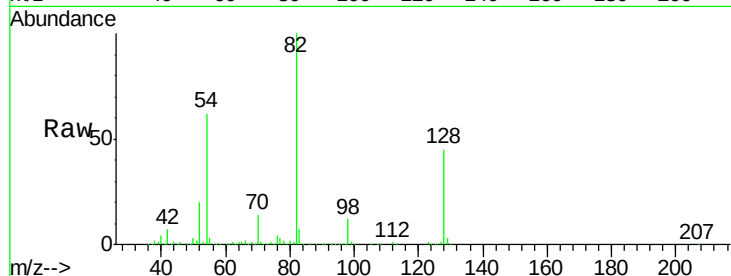




#23
 Nitrobenzene-d5
 Concen: 99.27 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

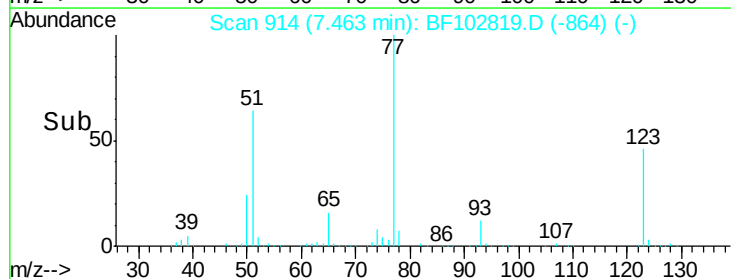
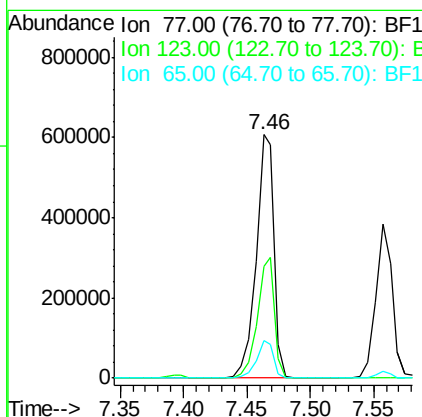
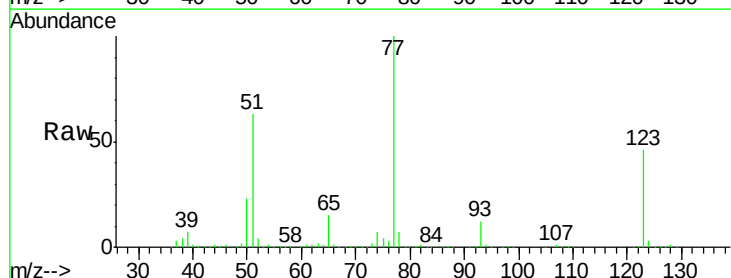
Instrument :
 BNA_F
 ClientSampleId :

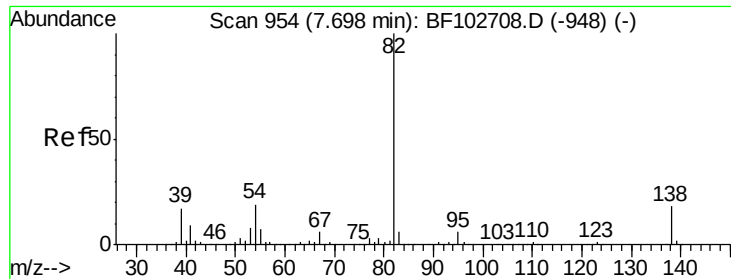
Tot Ion: 82 Resp: 1136698
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.1 54.1
 54 62.3 41.4 62.2#



#24
 Nitrobenzene
 Concen: 44.57 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Tgt Ion: 77 Resp: 600294
 Ion Ratio Lower Upper
 77 100
 123 46.0 37.9 56.9
 65 15.2 11.0 16.4





#25

Isophorone

Concen: 41.97 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :
BNA_F
ClientSampleId :

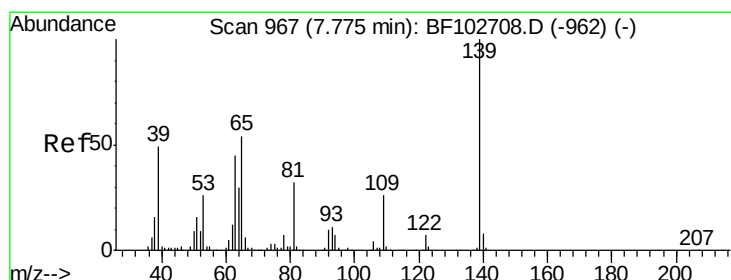
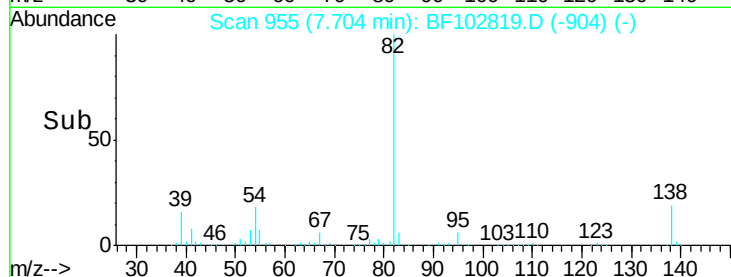
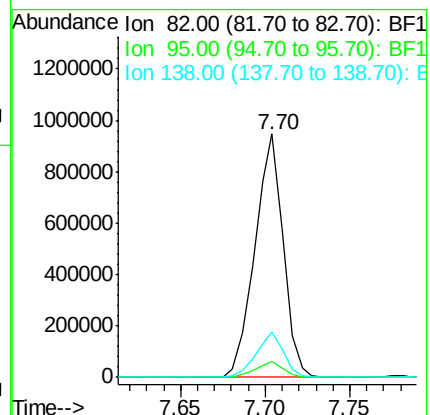
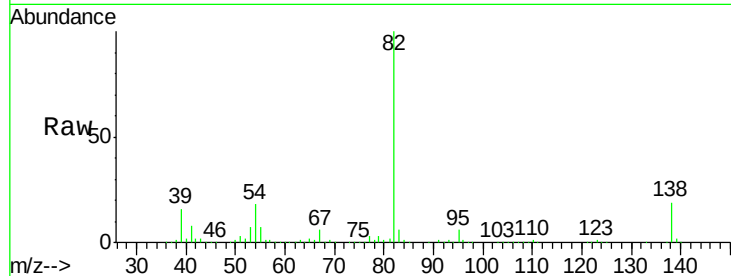
Tot Ion: 82 Resp: 1106607

Ion	Ratio	Lower	Upper
82	100		
95	6.3	5.2	7.8
138	18.6	14.9	22.3

82 100

95 6.3 5.2 7.8

138 18.6 14.9 22.3



#26

2-Nitrophenol

Concen: 55.91 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

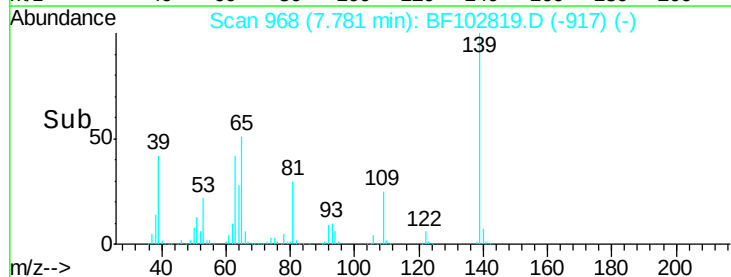
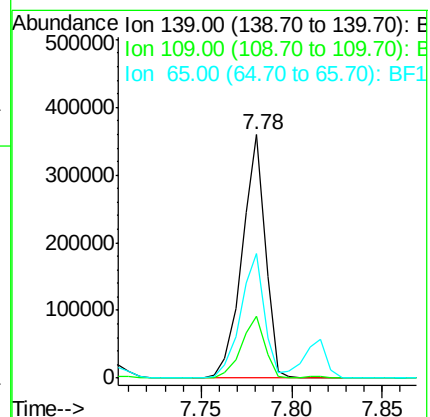
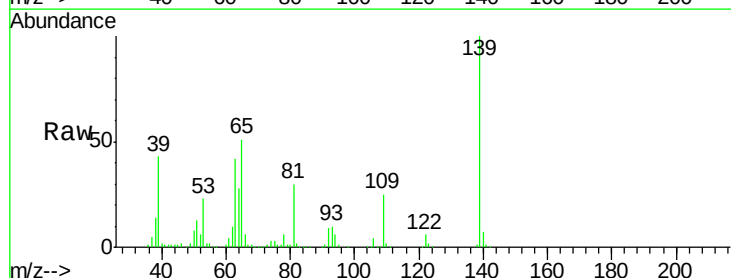
Tgt Ion: 139 Resp: 319040

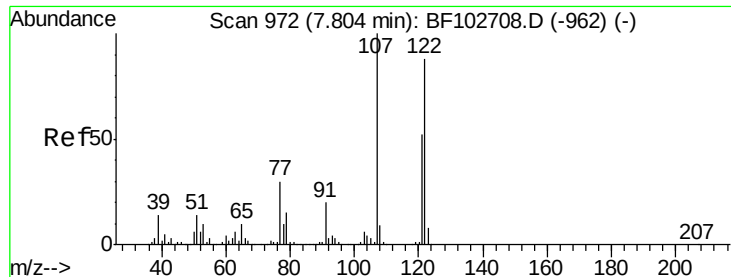
Ion	Ratio	Lower	Upper
139	100		
109	25.4	22.7	34.1
65	51.3	40.5	60.7

139 100

109 25.4 22.7 34.1

65 51.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 47.97 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

ClientSampleId :

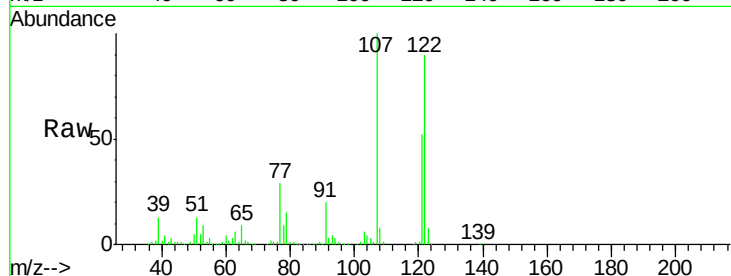
Tot Ion:122 Resp: 534332

Ion Ratio Lower Upper

122 100

107 111.5 91.2 136.8

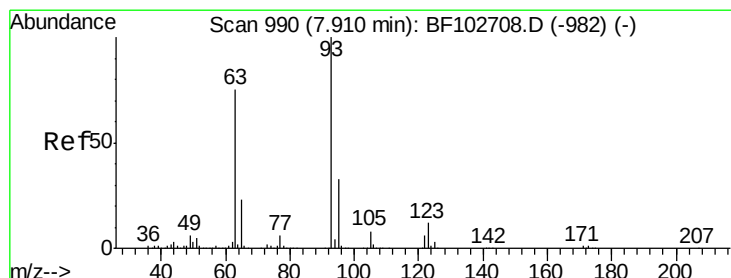
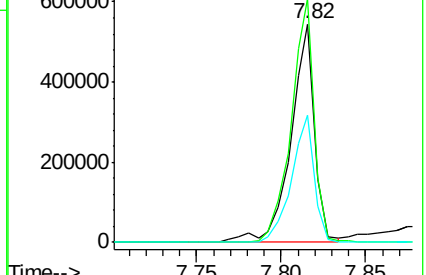
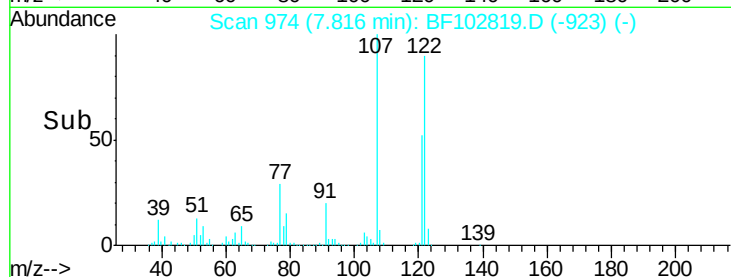
121 58.3 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.26 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

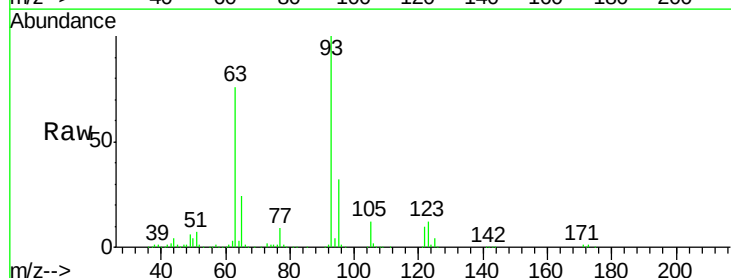
Tgt Ion: 93 Resp: 675746

Ion Ratio Lower Upper

93 100

95 32.3 26.3 39.5

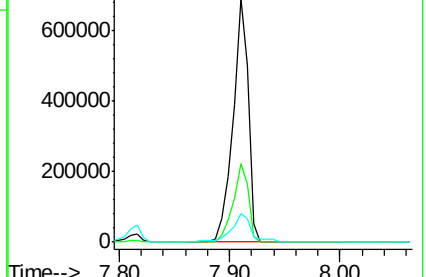
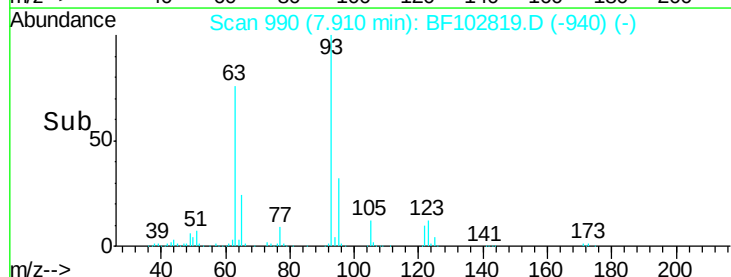
123 12.0 9.8 14.6

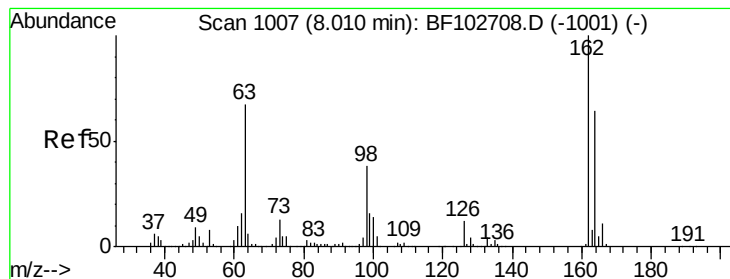


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.72 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :
BNA_F
ClientSampleId :

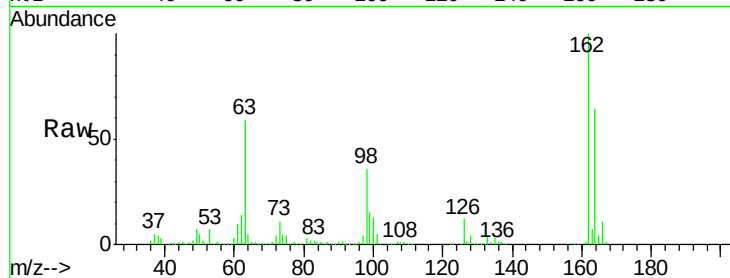
Tot Ion:162 Resp: 463013

Ion Ratio Lower Upper

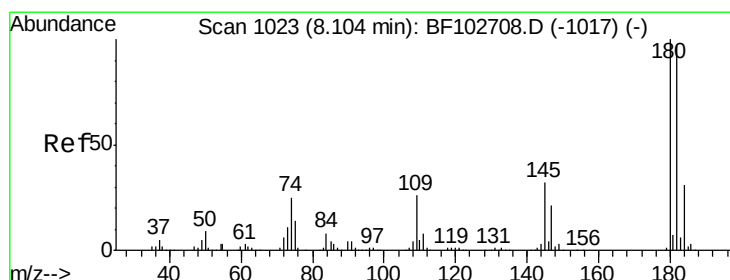
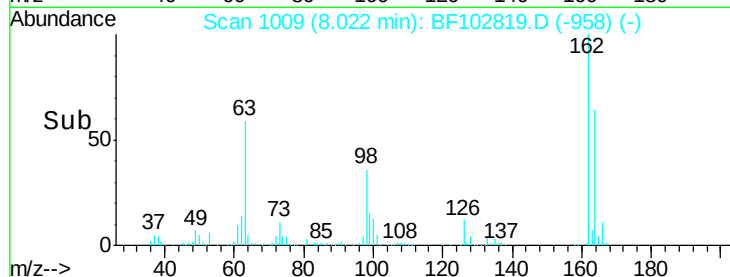
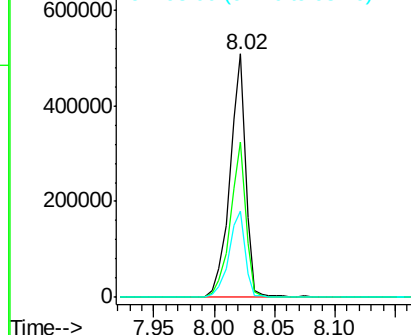
162 100

164 63.7 42.7 82.7

98 35.6 18.1 58.1



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



#30

1,2,4-Trichlorobenzene

Concen: 39.70 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

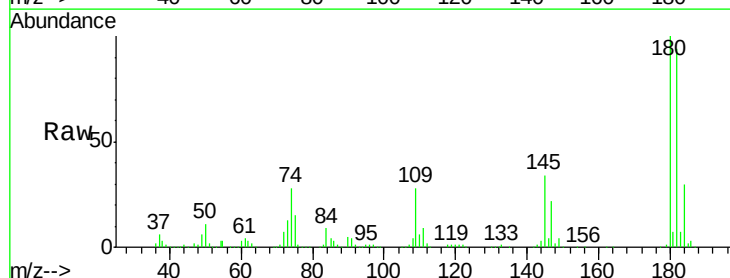
Tgt Ion:180 Resp: 454740

Ion Ratio Lower Upper

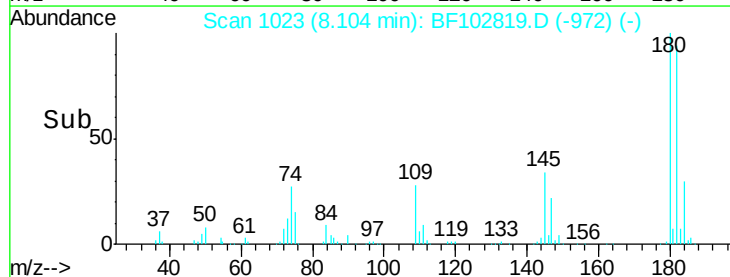
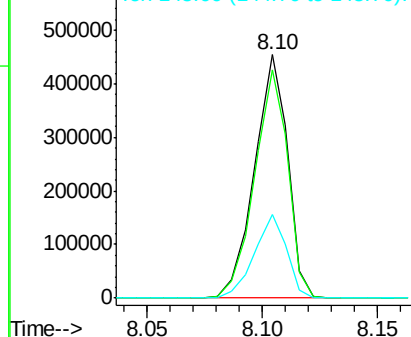
180 100

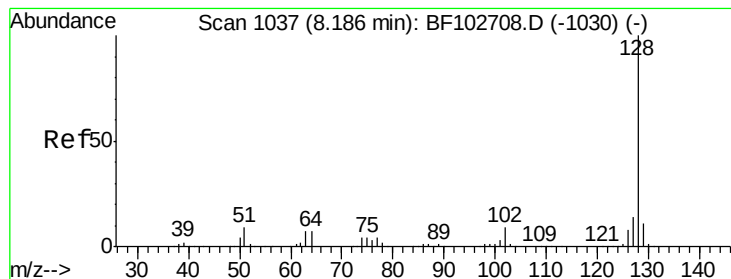
182 93.6 76.8 115.2

145 34.2 26.5 39.7



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





#31

Naphthalene

Concen: 40.37 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

ClientSampleId :

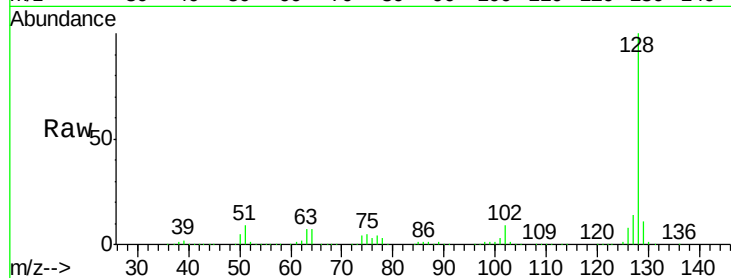
Tot Ion:128 Resp: 1566838

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

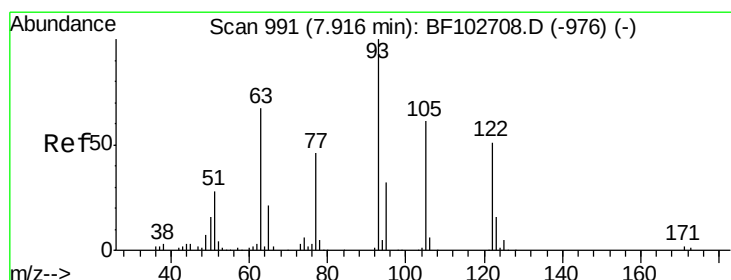
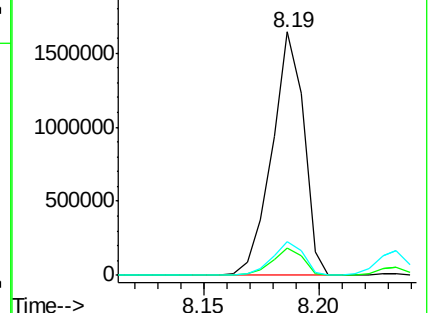
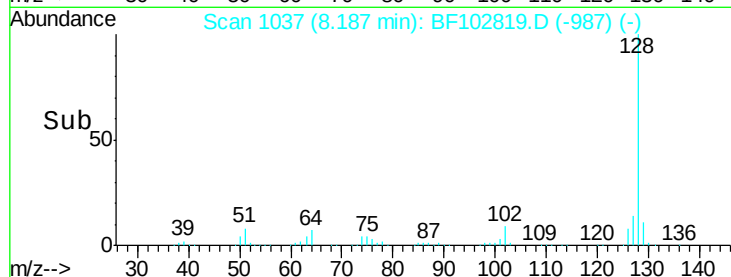
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 47.71 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

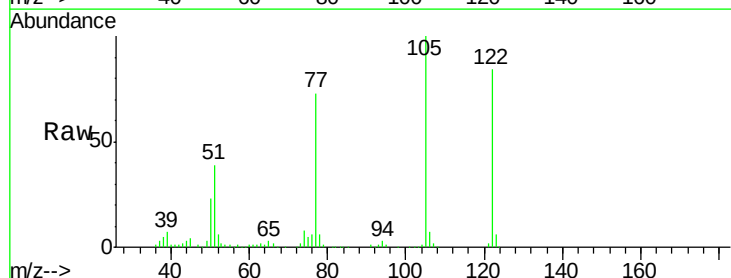
Tgt Ion:122 Resp: 374501

Ion Ratio Lower Upper

122 100

105 118.8 101.1 141.1

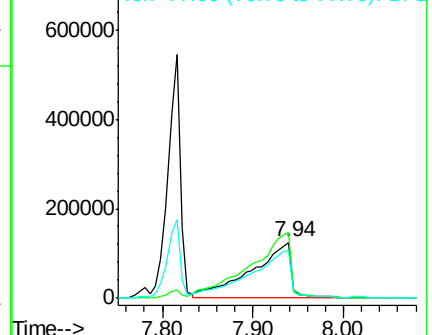
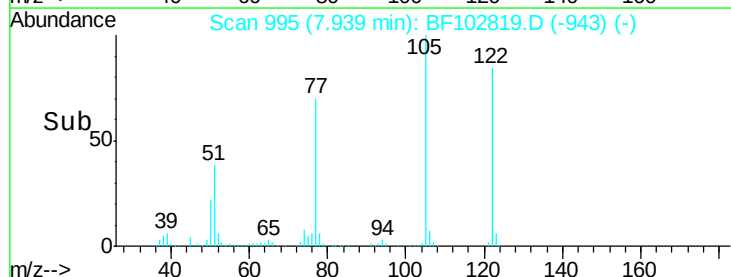
77 86.4 70.7 110.7

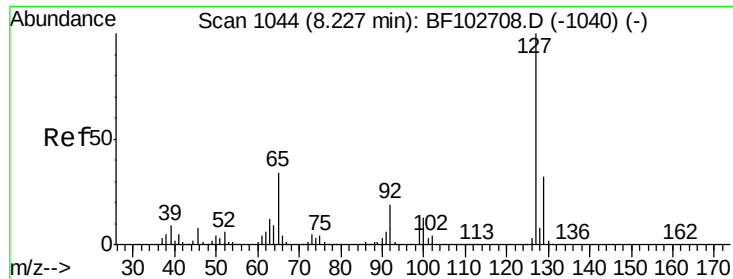


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

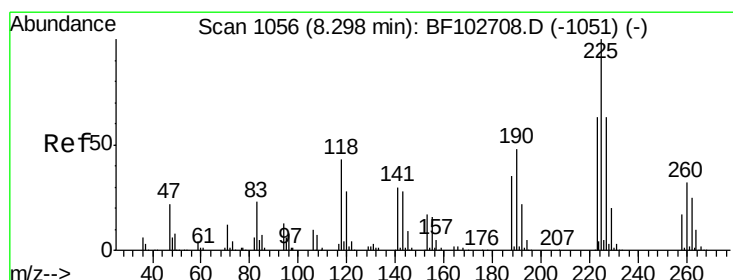
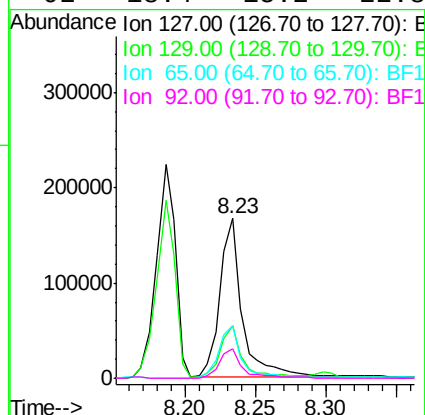
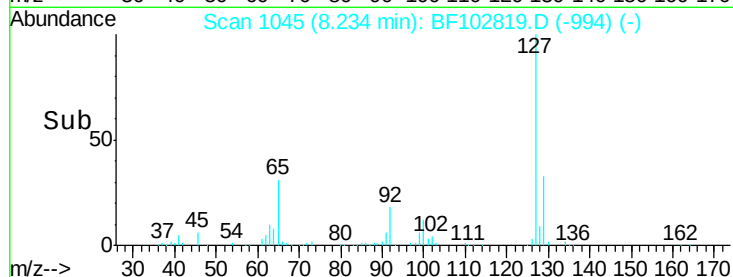
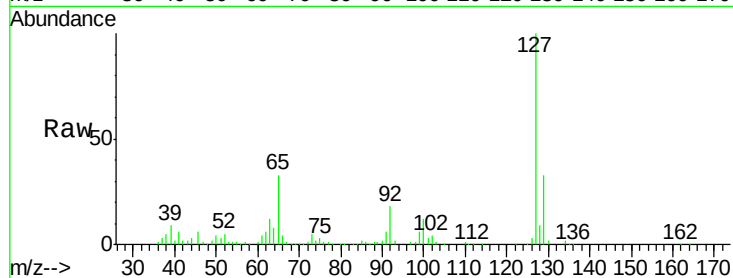




#33
4-Chloroaniline
Concen: 11.15 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

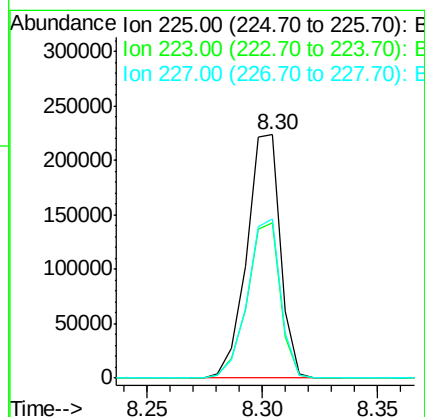
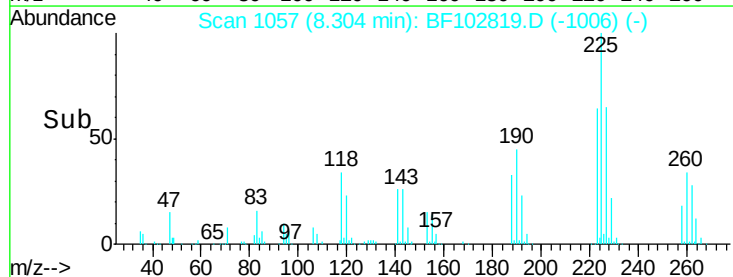
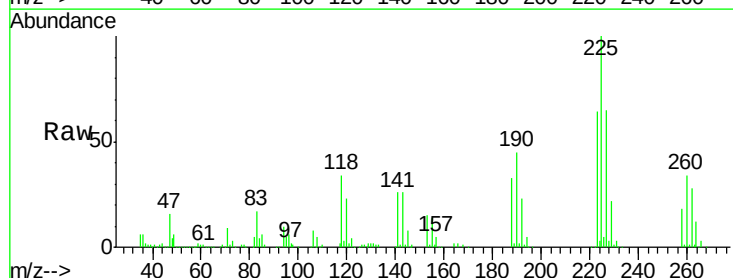
Instrument :
BNA_F
ClientSampleId :

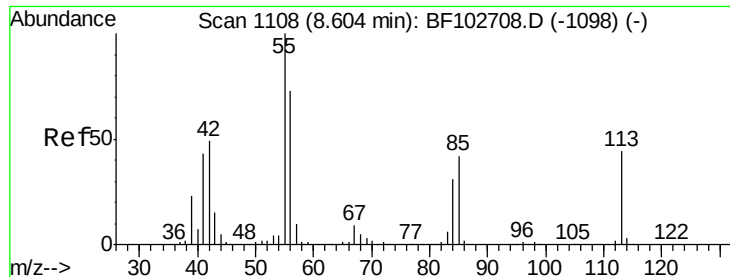
Tot Ion:	127	Resp:	186488
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	33.1	25.0	37.4
92	18.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.84 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Tgt Ion:	225	Resp:	228026
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	65.3	51.9	77.9

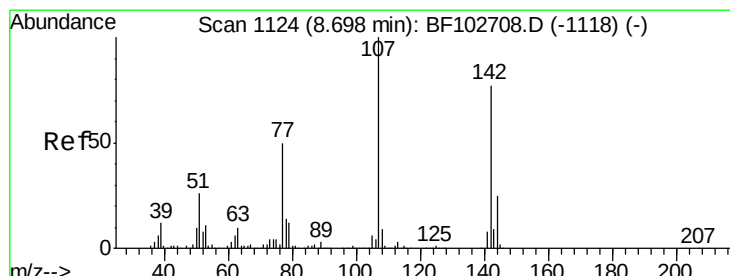
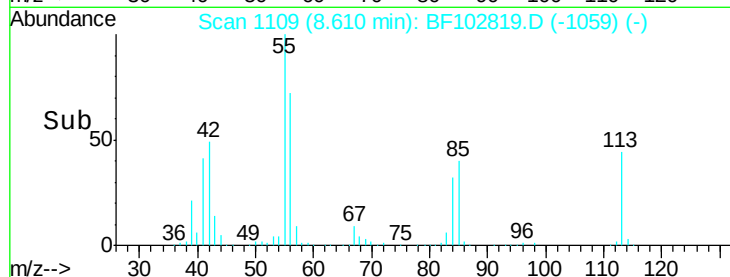
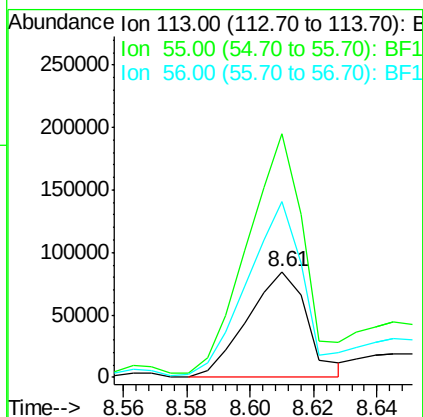
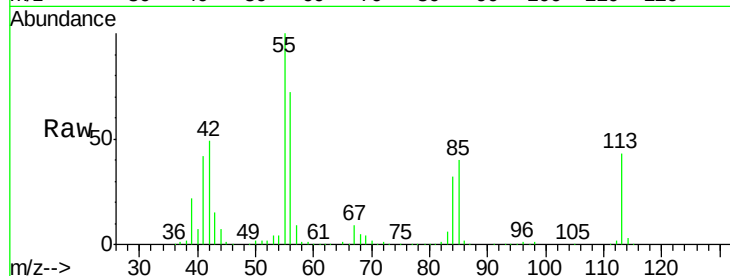




#35
Caprolactam
Concen: 31.53 ng
RT: 8.61 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

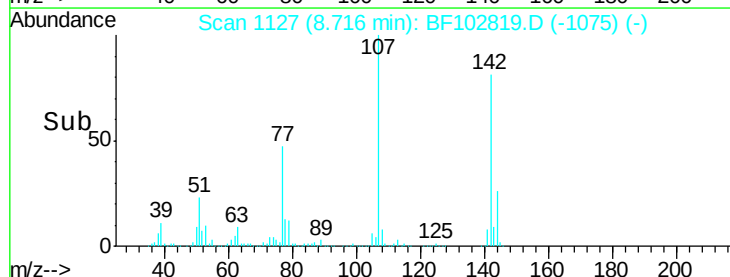
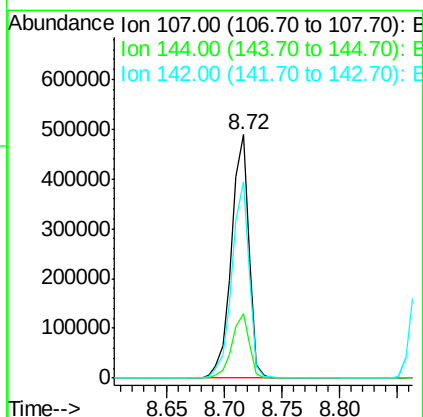
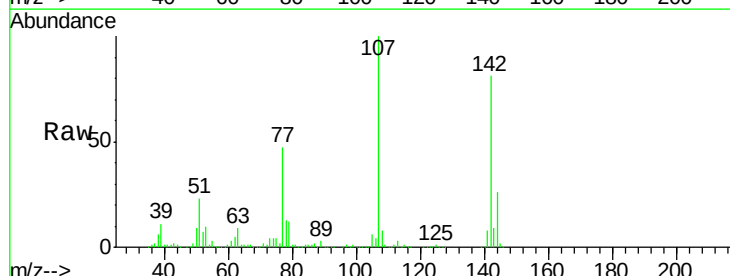
Instrument :
BNA_F
ClientSampleId :

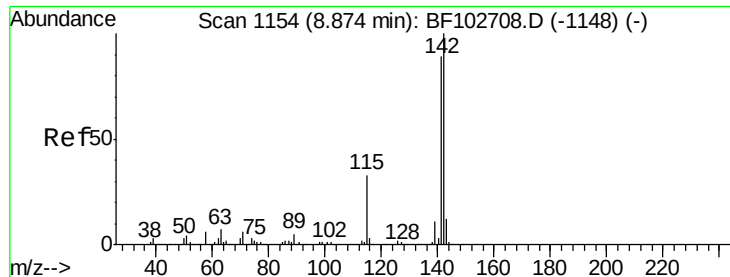
Tot Ion:113 Resp: 110883
Ion Ratio Lower Upper
113 100
55 230.2 163.3 203.3#
56 166.4 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 45.26 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Tgt Ion:107 Resp: 514940
Ion Ratio Lower Upper
107 100
144 26.3 20.5 30.7
142 80.6 62.0 93.0

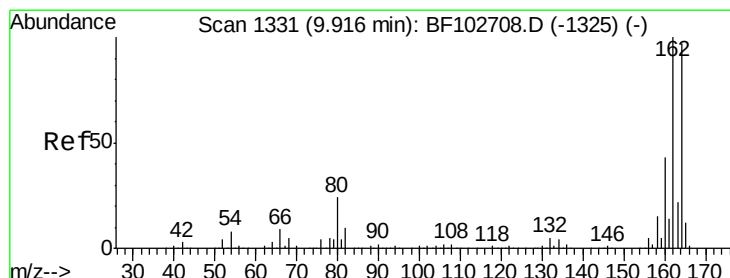
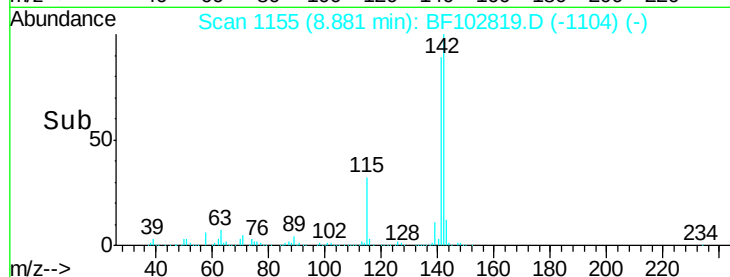
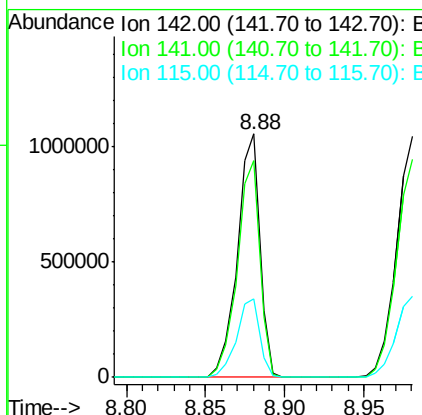
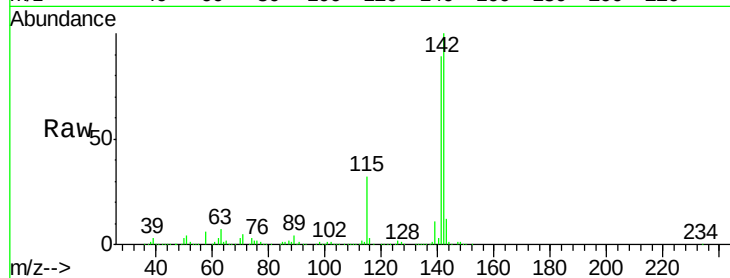




#37
 2-Methylnaphthalene
 Concen: 40.95 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

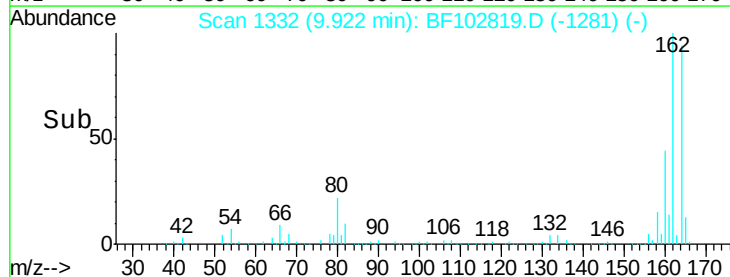
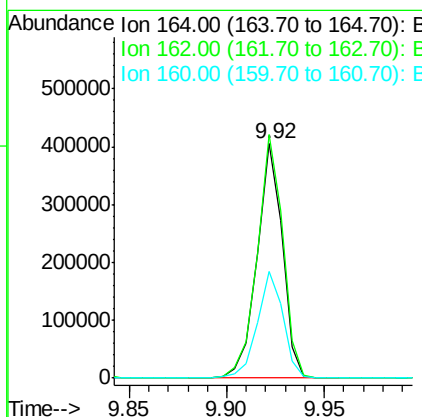
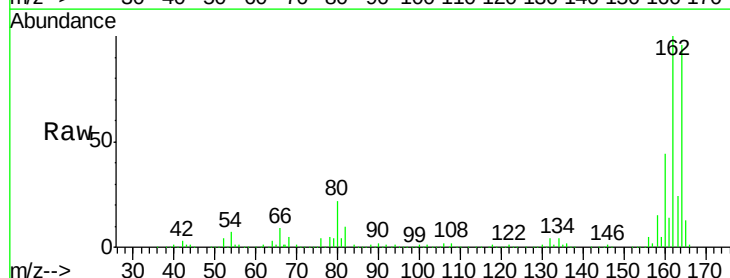
Instrument :
 BNA_F
 ClientSampleId :

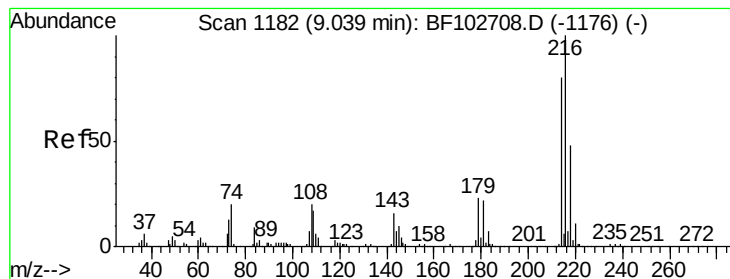
Tot Ion:142 Resp: 1040549
 Ion Ratio Lower Upper
 142 100
 141 89.0 70.8 106.2
 115 32.3 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Tgt Ion:164 Resp: 363507
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 45.4 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.52 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 381218

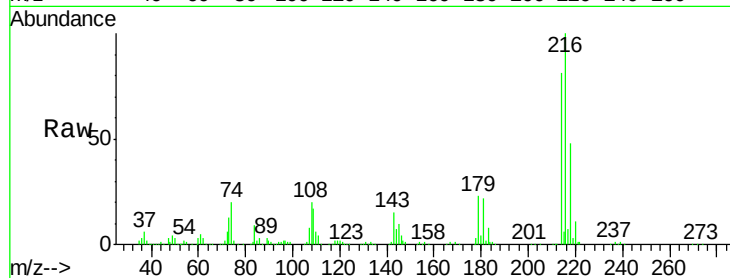
Ion Ratio Lower Upper

216 100

214 81.0 63.0 94.4

179 23.0 18.1 27.1

108 25.4 17.2 25.8

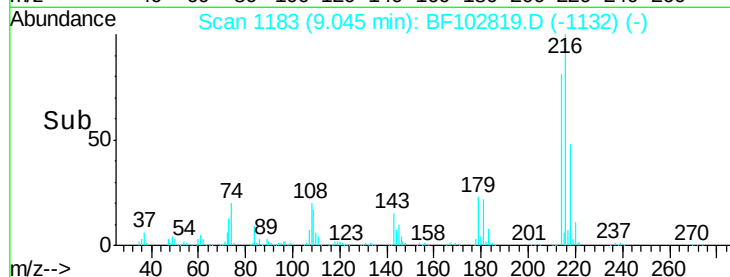


Abundance Ion 216.00 (215.70 to 216.70): E

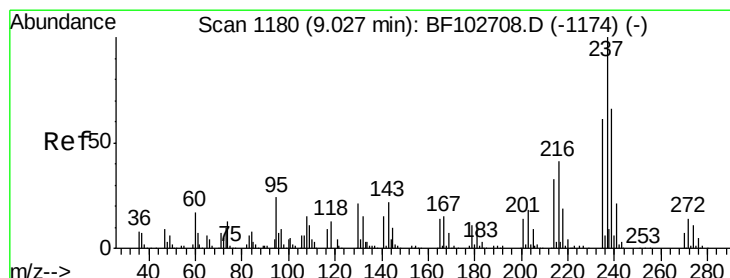
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 91.28 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

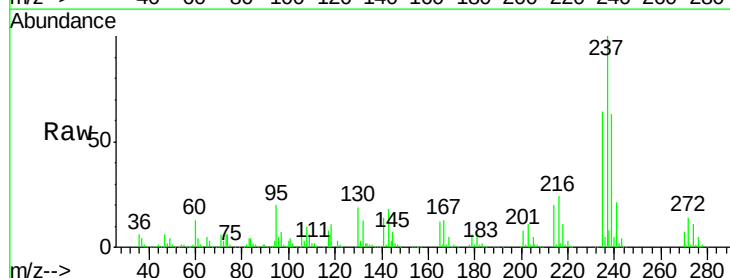
Tgt Ion:237 Resp: 429495

Ion Ratio Lower Upper

237 100

235 64.4 44.8 84.8

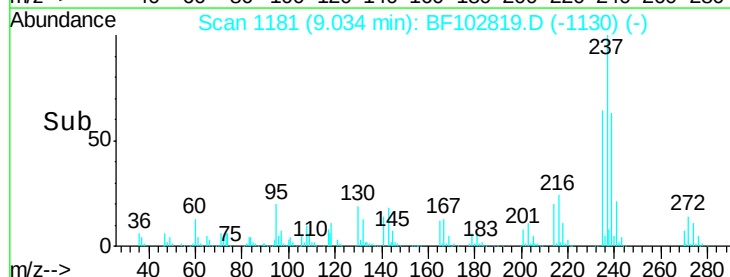
272 13.5 0.0 33.3



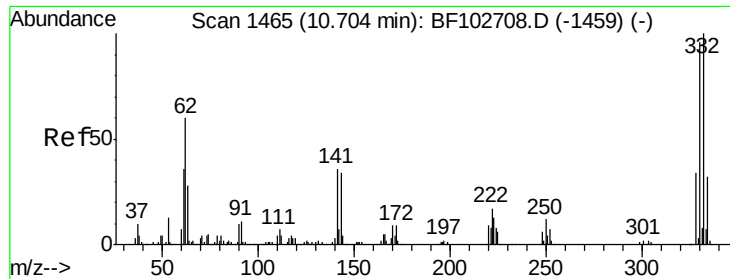
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



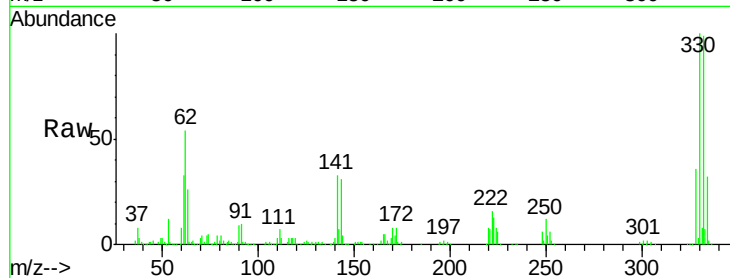
Time-->



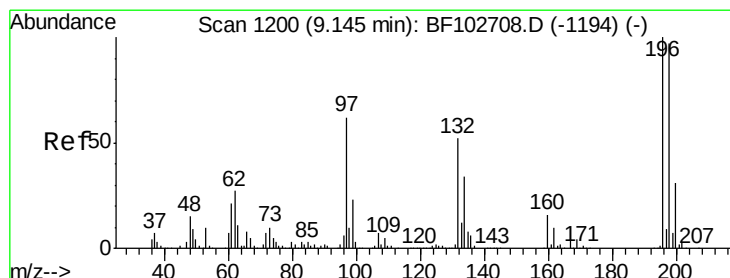
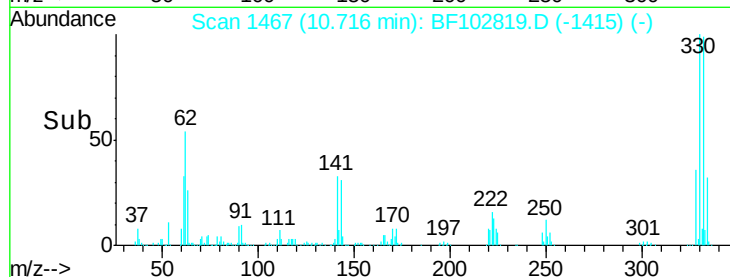
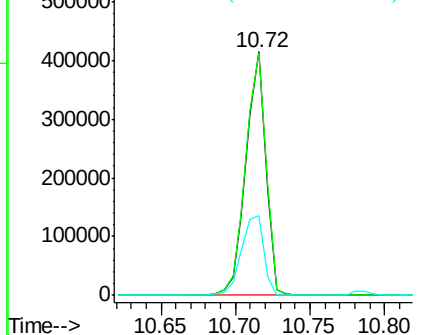
#41
 2,4,6-Tribromophenol
 Concen: 131.93 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 385991
 Ion Ratio Lower Upper
 330 100
 332 101.6 77.0 115.6
 141 37.3 29.9 44.9

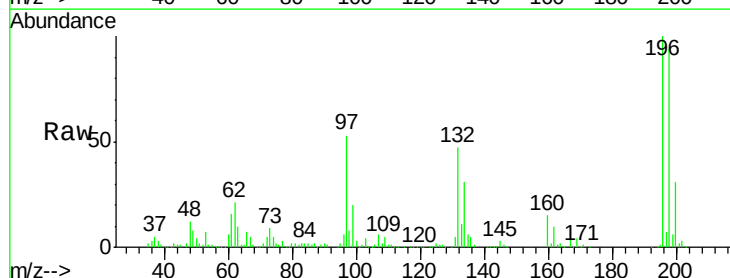


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

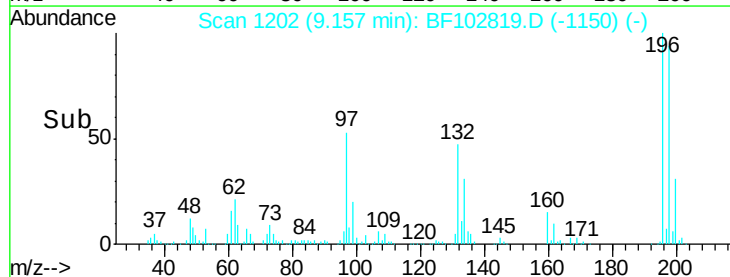
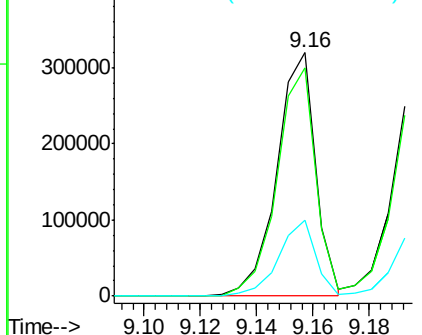


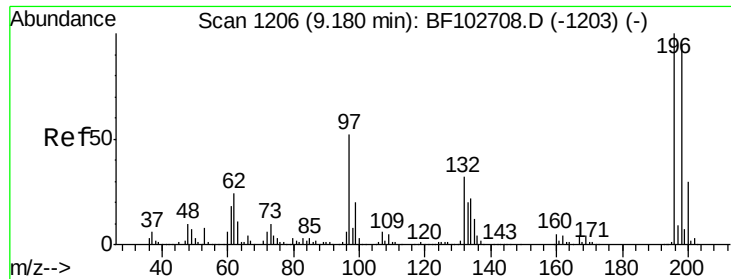
#42
 2,4,6-Trichlorophenol
 Concen: 46.72 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Tgt Ion:196 Resp: 303757
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.7 113.5
 200 31.4 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

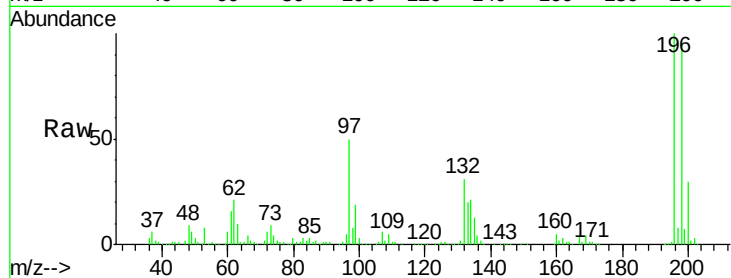




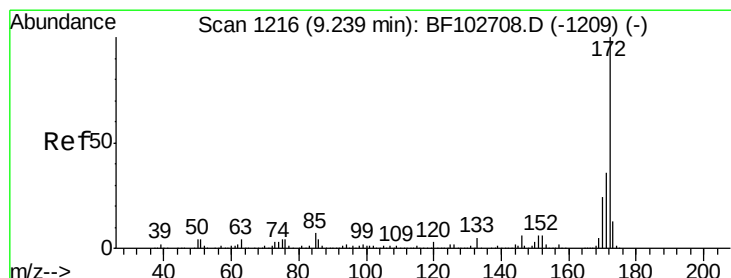
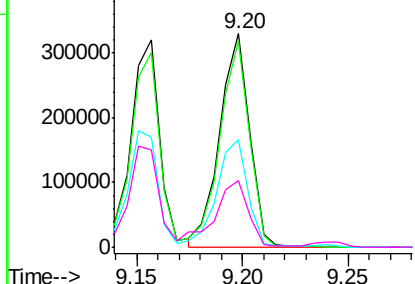
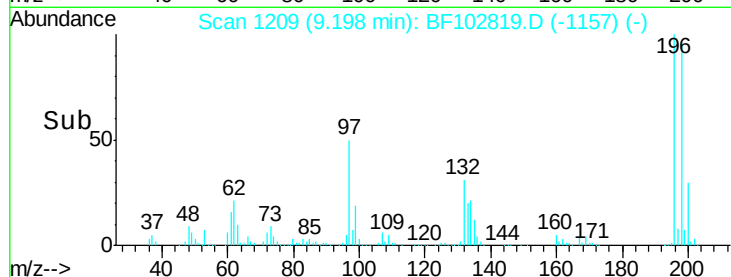
#43
 2,4,5-Trichlorophenol
 Concen: 43.64 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 319743
 Ion Ratio Lower Upper
 196 100
 198 96.5 74.6 112.0
 97 50.3 42.9 64.3
 132 31.1 26.3 39.5

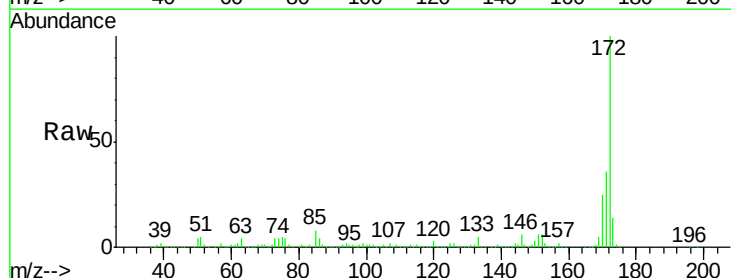


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

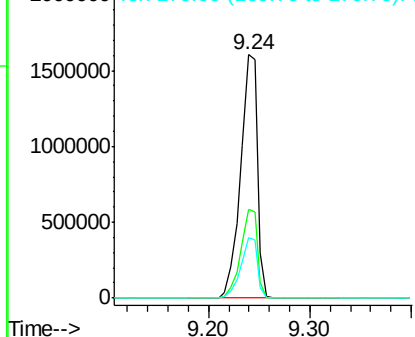
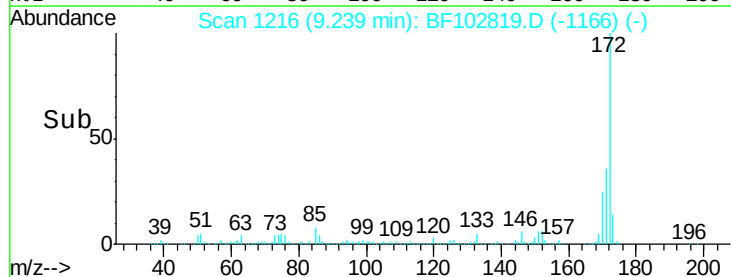


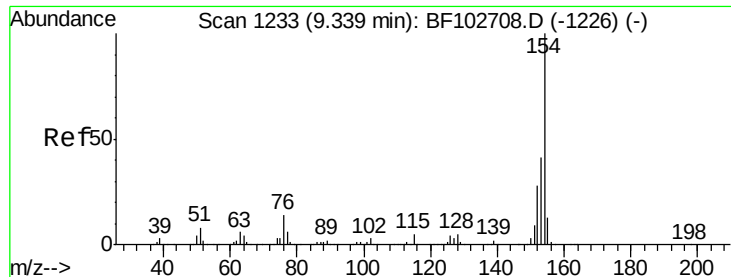
#44
 2-Fluorobiphenyl
 Concen: 84.42 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Tgt Ion:172 Resp: 1849279
 Ion Ratio Lower Upper
 172 100
 171 36.4 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

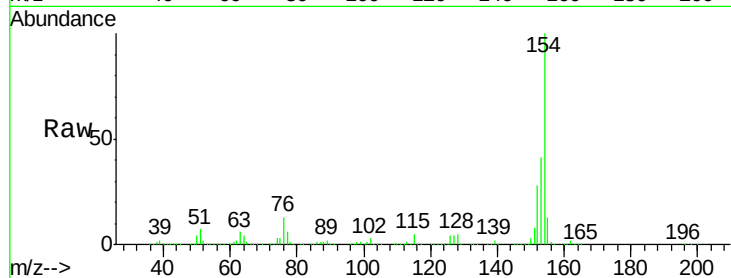




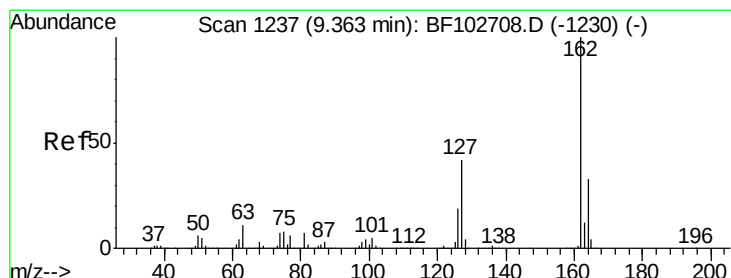
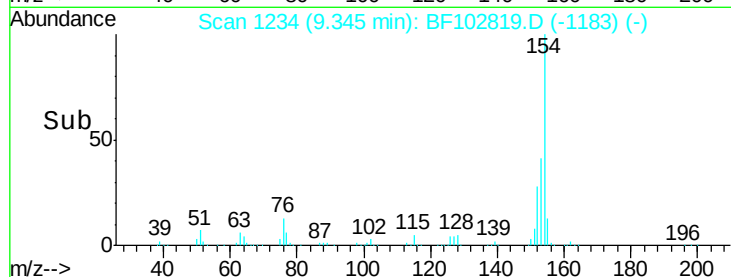
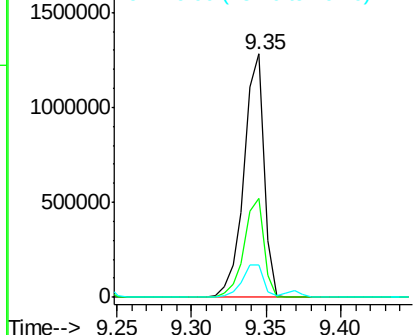
#45
 1,1'-Biphenyl
 Concen: 38.96 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1192845
 Ion Ratio Lower Upper
 154 100
 153 40.6 21.3 61.3
 76 13.5 0.0 34.0

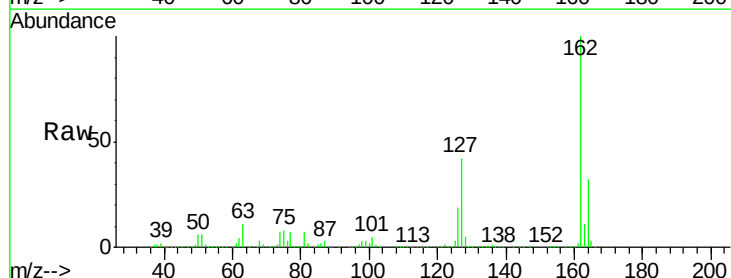


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

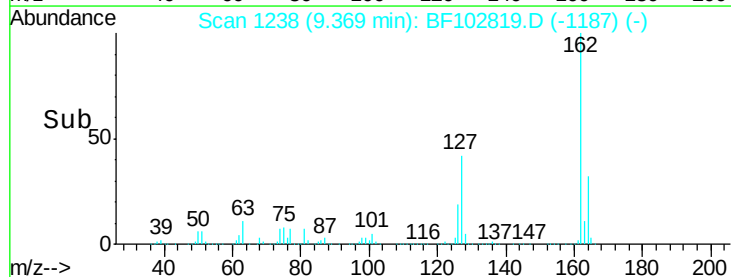
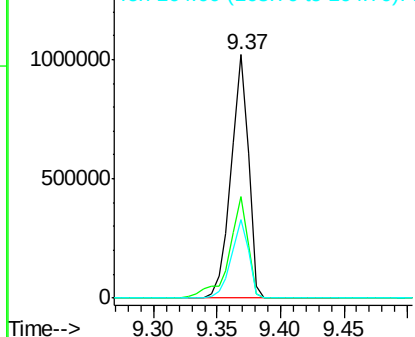


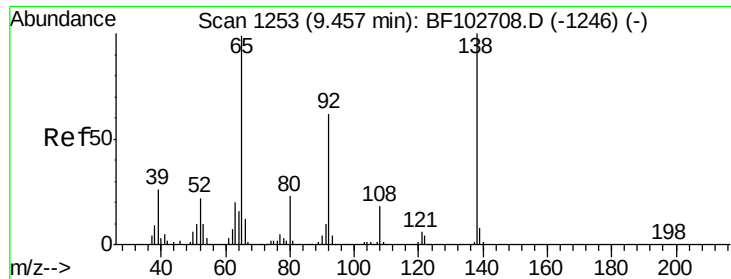
#46
 2-Chloronaphthalene
 Concen: 39.86 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Tgt Ion:162 Resp: 960889
 Ion Ratio Lower Upper
 162 100
 127 41.6 33.9 50.9
 164 32.4 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 48.22 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

ClientSampled :

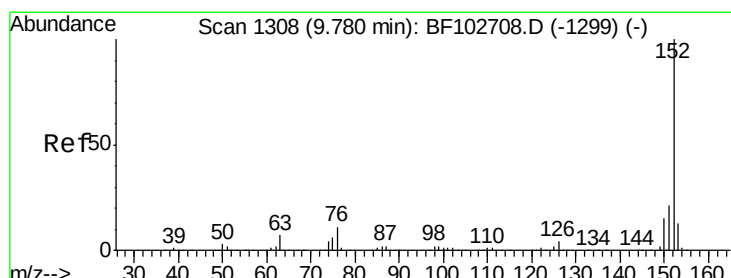
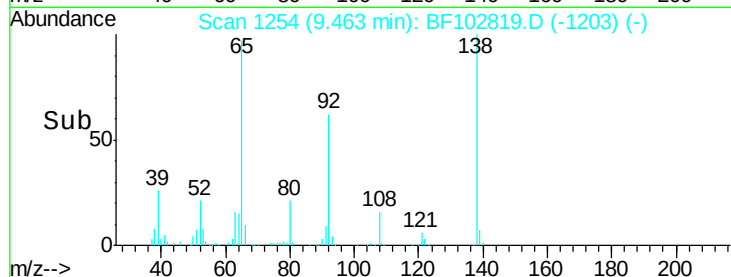
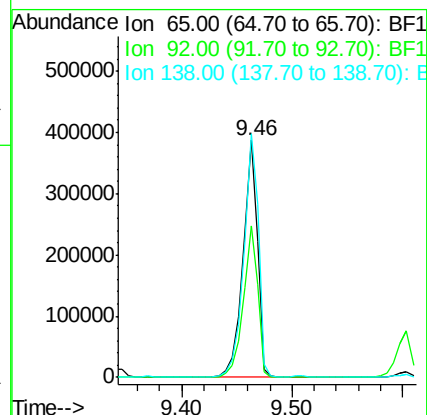
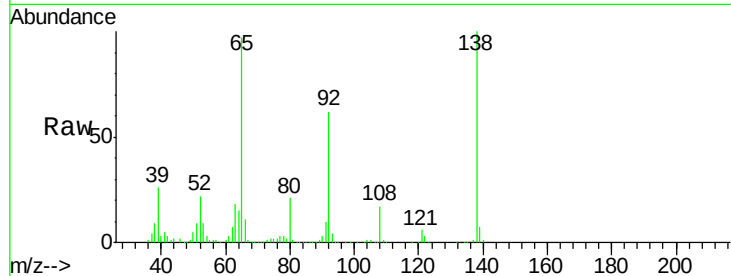
Tot Ion: 65 Resp: 358820

Ion Ratio Lower Upper

65 100

92 64.0 55.8 83.6

138 102.9 91.2 136.8



#48

Acenaphthylene

Concen: 39.09 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

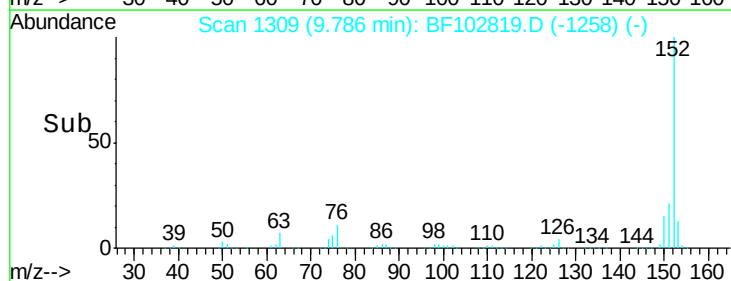
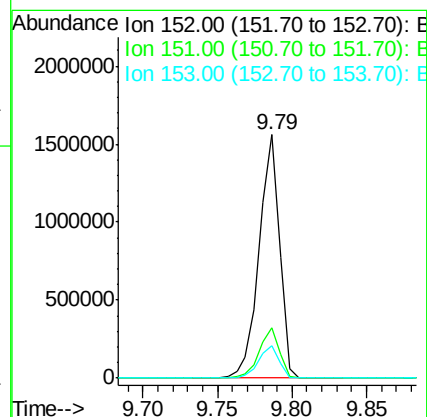
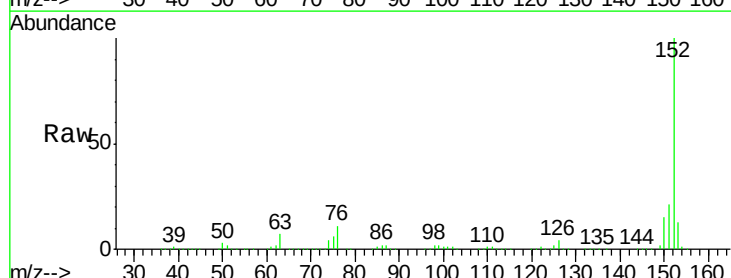
Tgt Ion: 152 Resp: 1463600

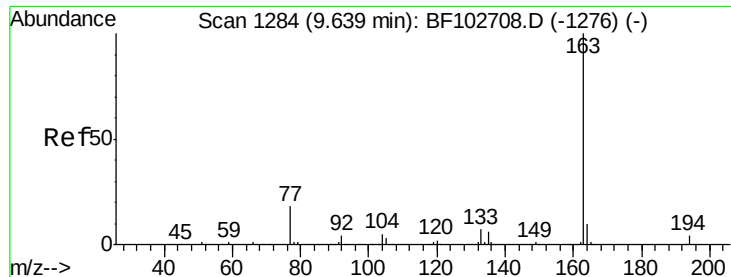
Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

153 13.2 10.7 16.1

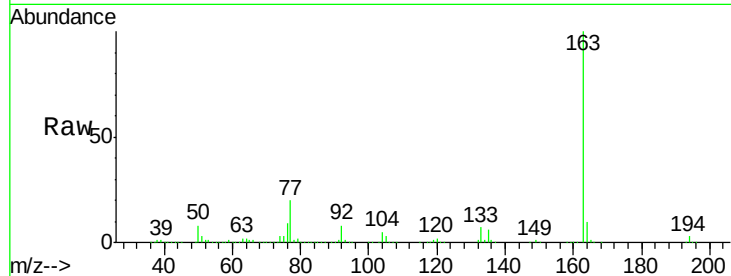




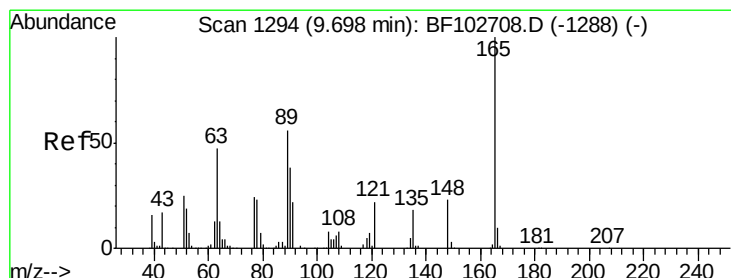
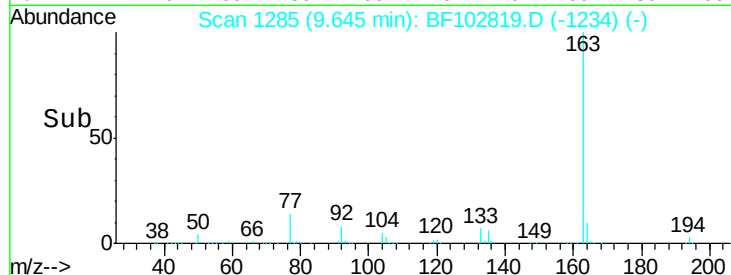
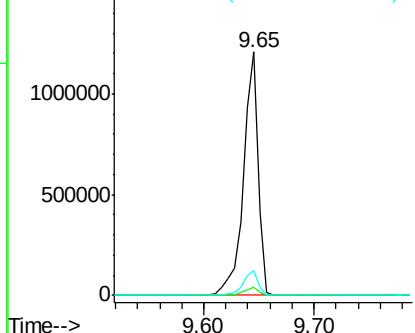
#49
 Dimethylphthalate
 Concen: 39.89 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163 Resp: 1130576
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.7 4.1
 164 10.1 8.2 12.2

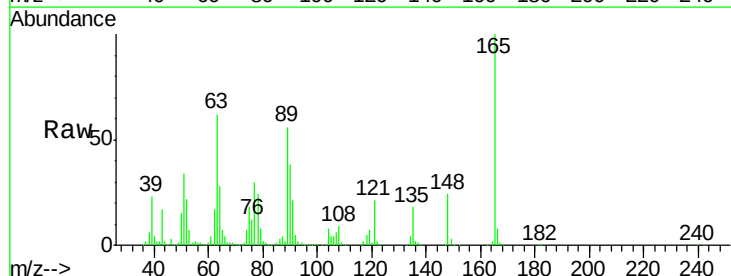


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

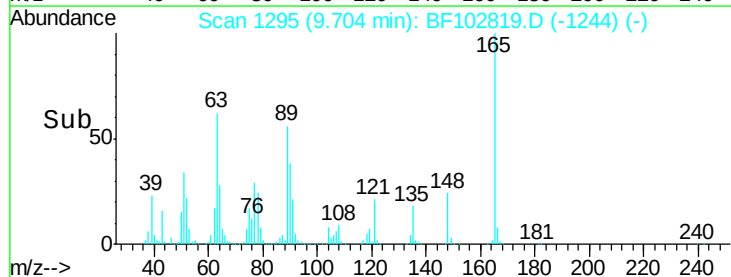
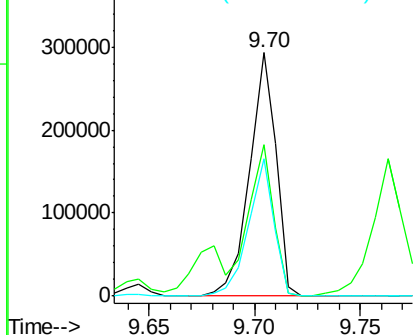


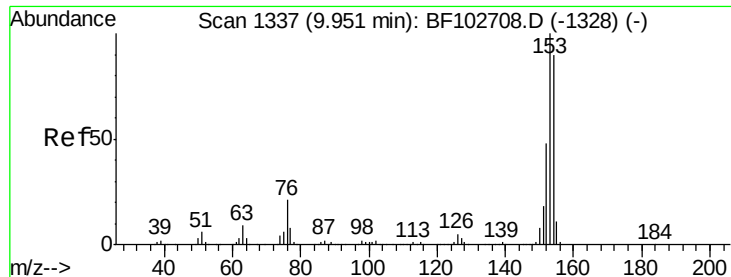
#50
 2,6-Dinitrotoluene
 Concen: 47.62 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Tgt Ion:165 Resp: 256775
 Ion Ratio Lower Upper
 165 100
 63 62.2 44.7 67.1
 89 56.3 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 43.77 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

ClientSampled :

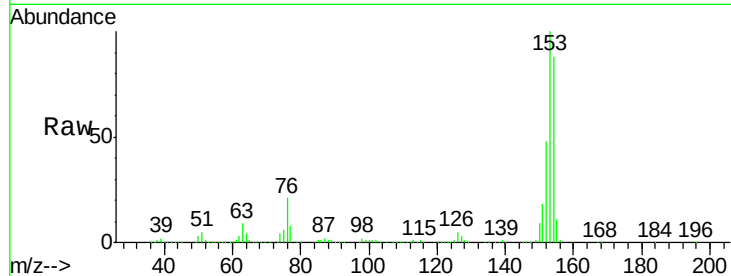
Tot Ion:154 Resp: 979891

Ion Ratio Lower Upper

154 100

153 113.5 91.2 136.8

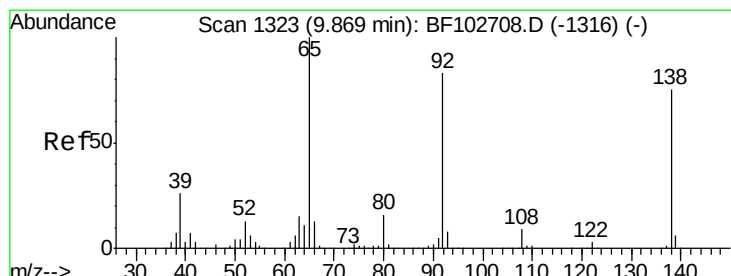
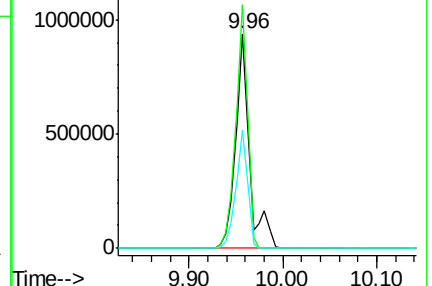
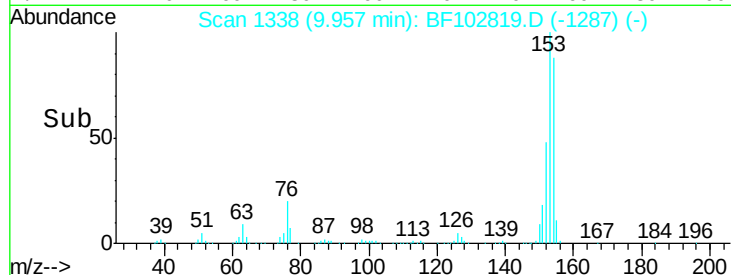
152 55.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.74 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

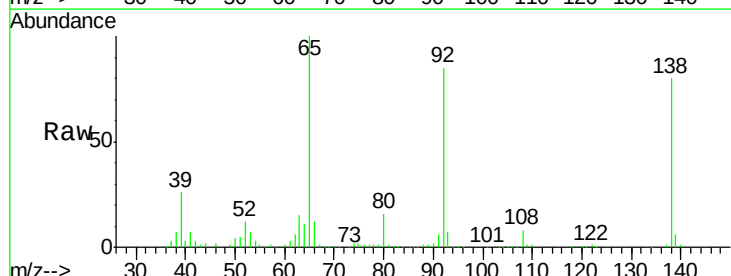
Tgt Ion:138 Resp: 177399

Ion Ratio Lower Upper

138 100

108 9.6 9.4 14.0

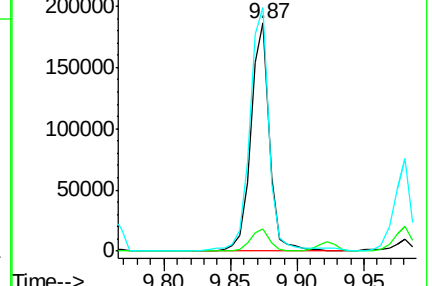
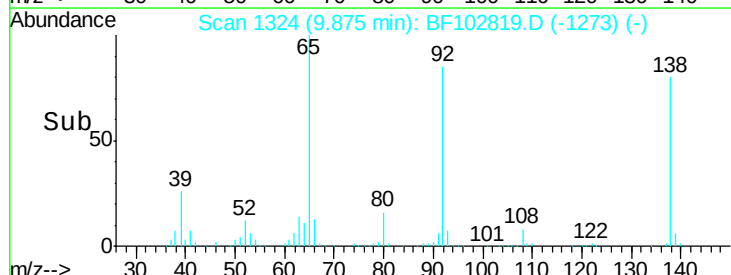
92 106.8 89.4 134.2

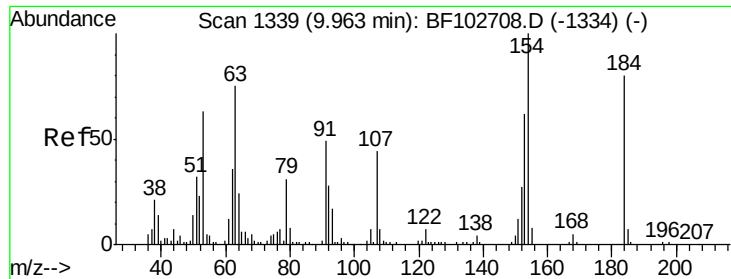


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

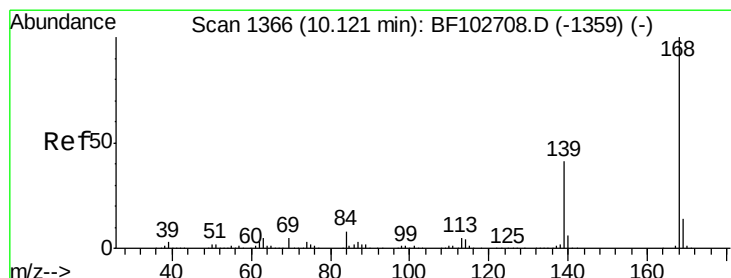
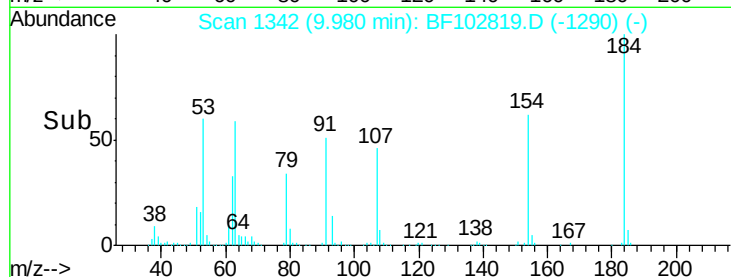
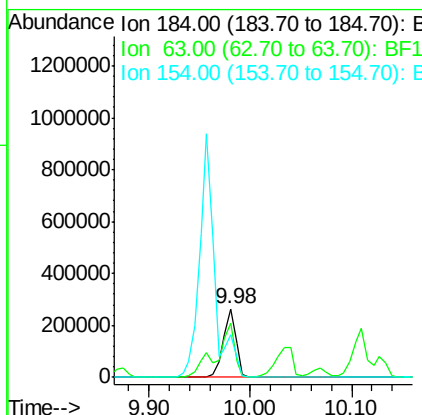
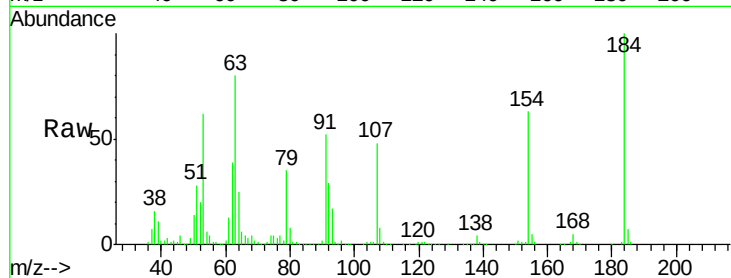




#53
 2,4-Dinitrophenol
 Concen: 105.61 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

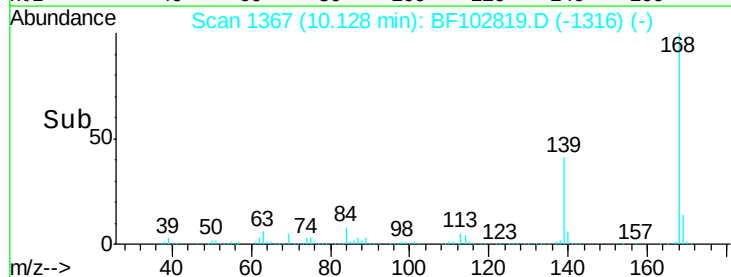
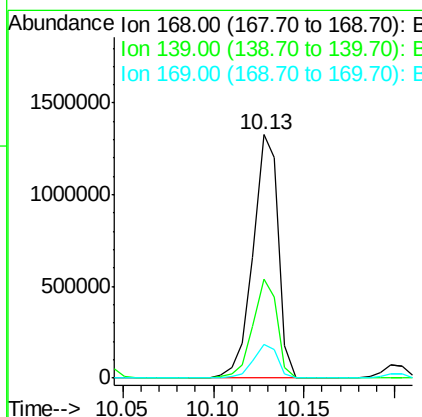
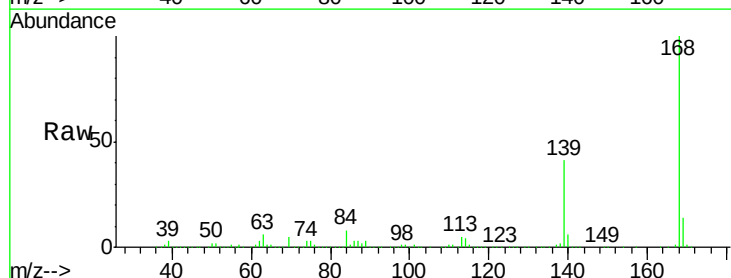
Instrument :
 BNA_F
 ClientSampled :

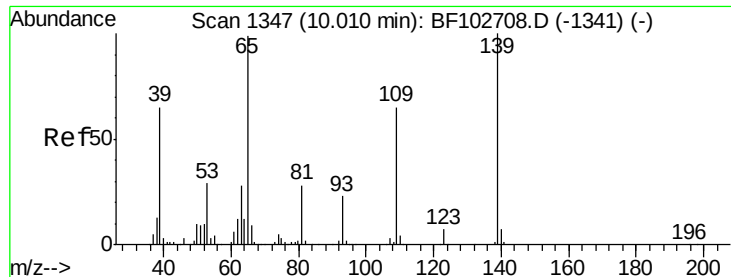
Tot Ion:184 Resp: 234628
 Ion Ratio Lower Upper
 184 100
 63 79.6 54.2 81.2
 154 62.6 184.0 276.0#



#54
 Dibenzofuran
 Concen: 40.71 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Tgt Ion:168 Resp: 1284588
 Ion Ratio Lower Upper
 168 100
 139 40.7 30.1 45.1
 169 13.8 10.9 16.3

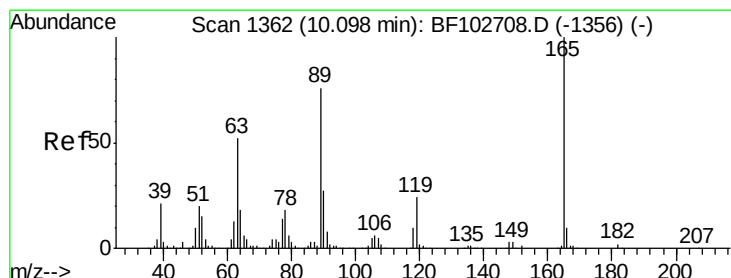
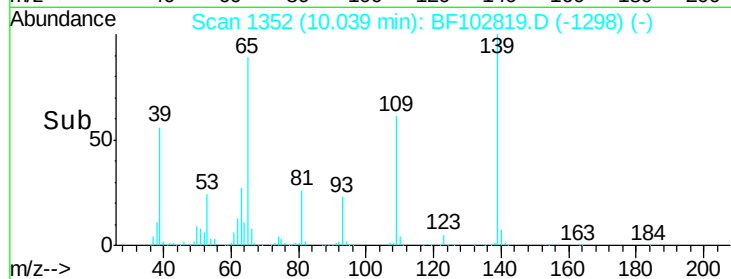
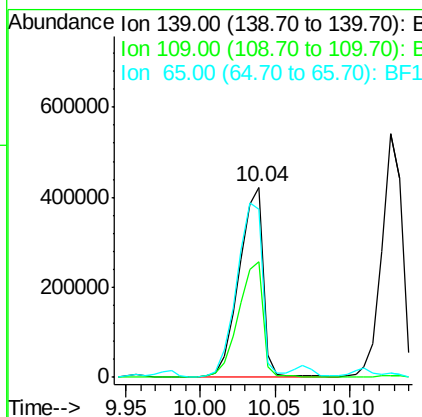
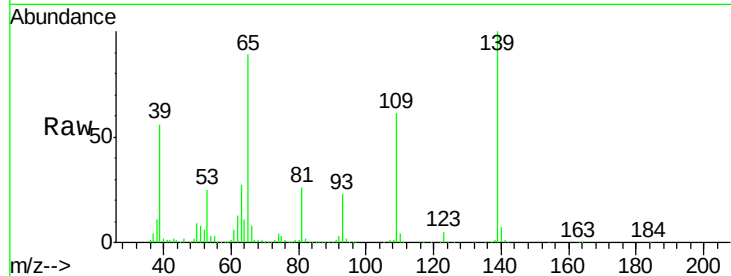




#55
4-Nitrophenol
Concen: 86.50 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

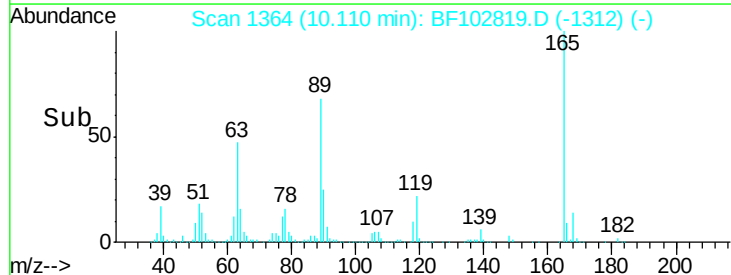
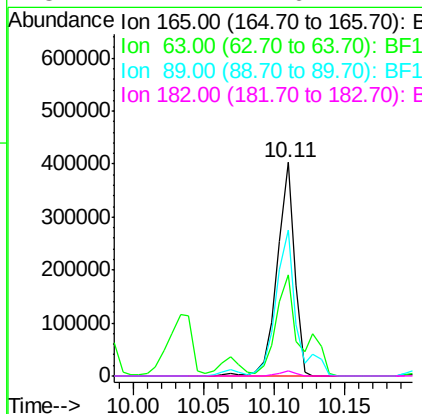
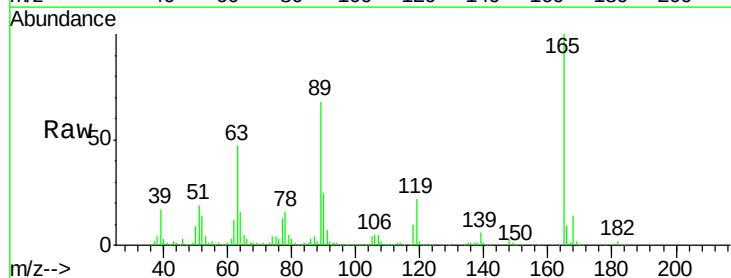
Instrument :
BNA_F
ClientSampled :

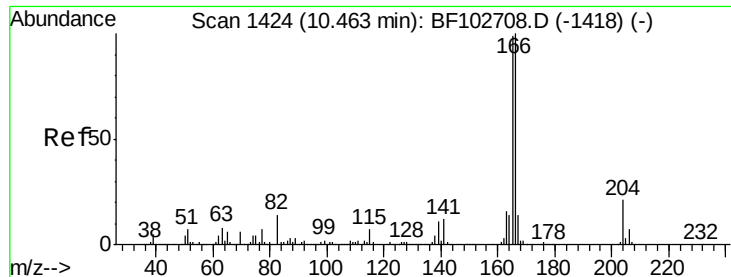
Tot Ion:139 Resp: 473543
Ion Ratio Lower Upper
139 100
109 60.8 48.4 88.4
65 88.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 48.18 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Tgt Ion:165 Resp: 348497
Ion Ratio Lower Upper
165 100
63 47.2 36.4 54.6
89 68.5 57.8 86.6
182 2.2 1.6 2.4

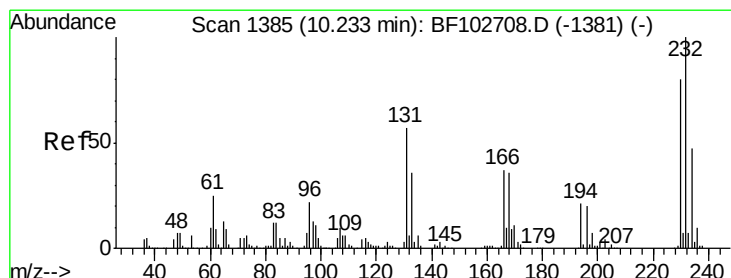
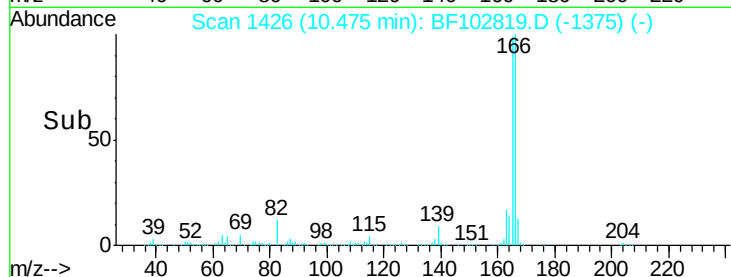
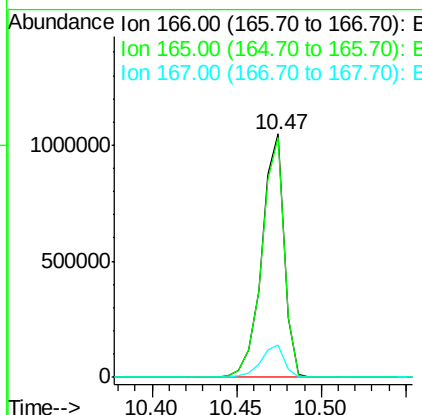
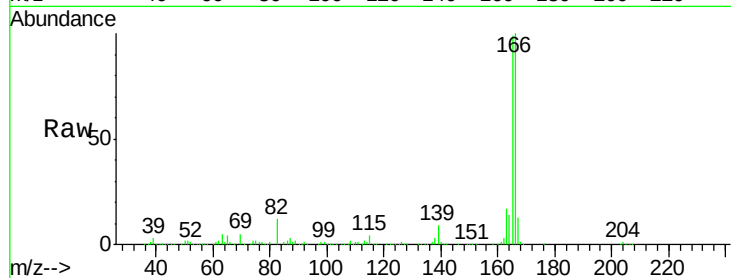




#57
 Fluorene
 Concen: 41.86 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

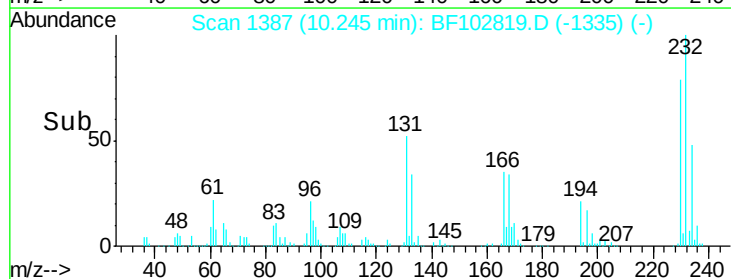
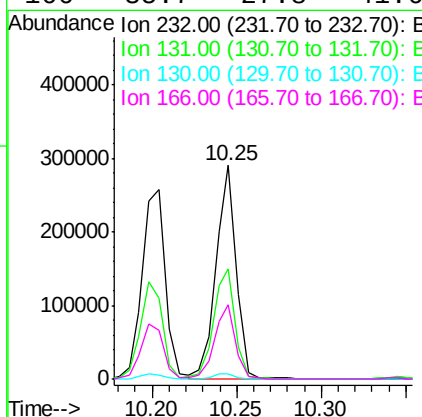
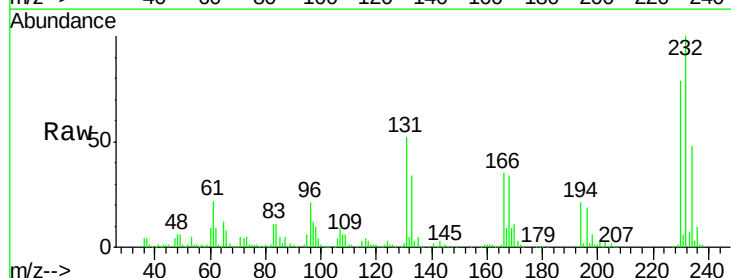
Instrument :
 BNA_F
 ClientSampleId :

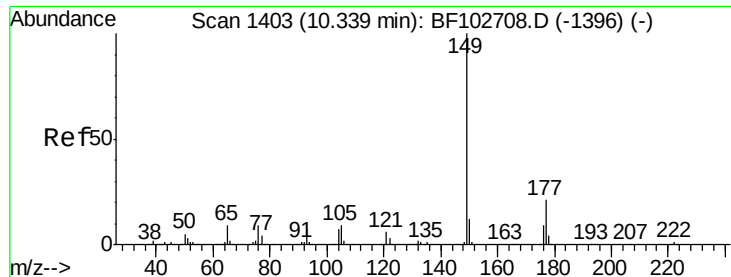
Tot Ion:166 Resp: 960934
 Ion Ratio Lower Upper
 166 100
 165 98.6 79.8 119.8
 167 13.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.93 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Tgt Ion:232 Resp: 243431
 Ion Ratio Lower Upper
 232 100
 131 54.8 43.8 65.8
 130 2.6 2.1 3.1
 166 35.7 27.8 41.6

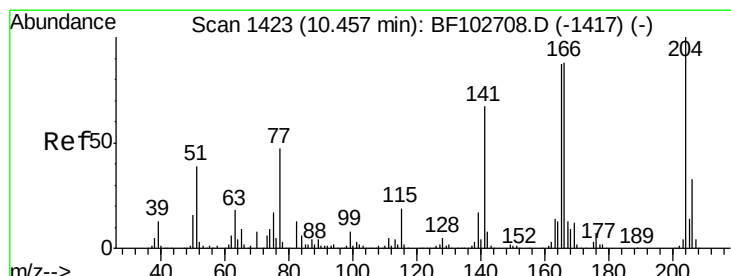
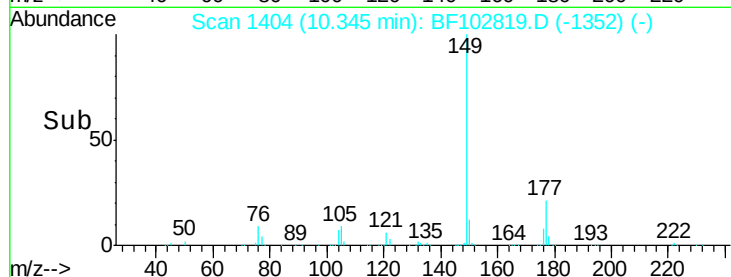
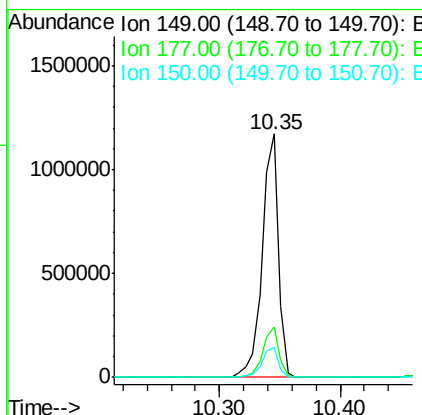
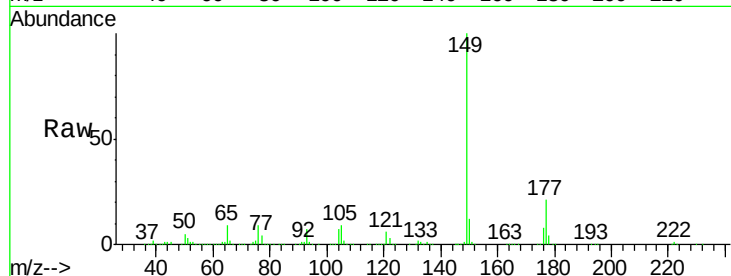




#59
Diethylphthalate
Concen: 39.43 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

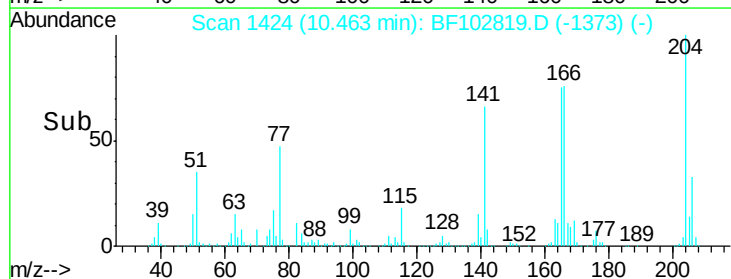
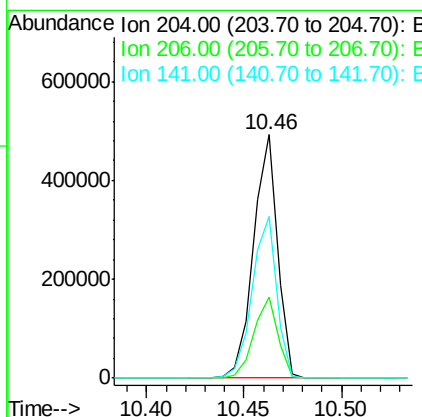
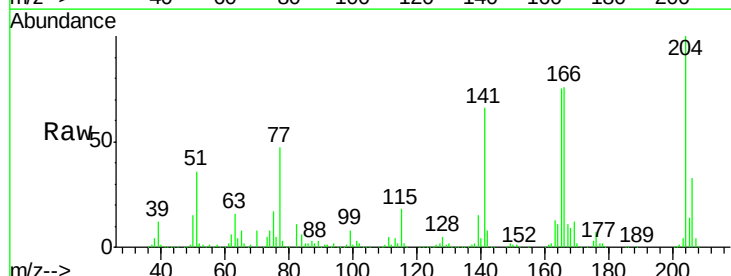
Instrument :
BNA_F
ClientSampleId :

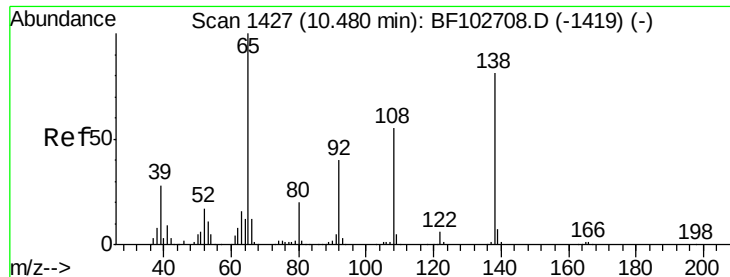
Tot Ion:149 Resp: 1103619
Ion Ratio Lower Upper
149 100
177 20.9 16.1 24.1
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.33 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Tgt Ion:204 Resp: 419737
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 66.5 54.6 81.8

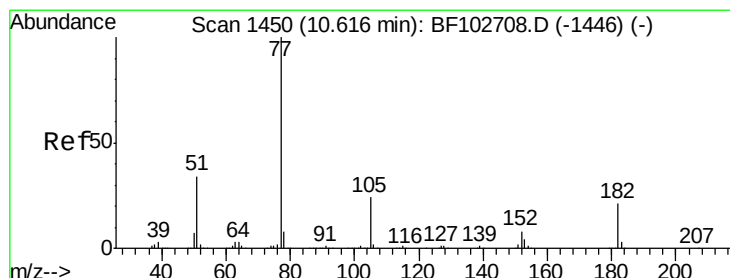
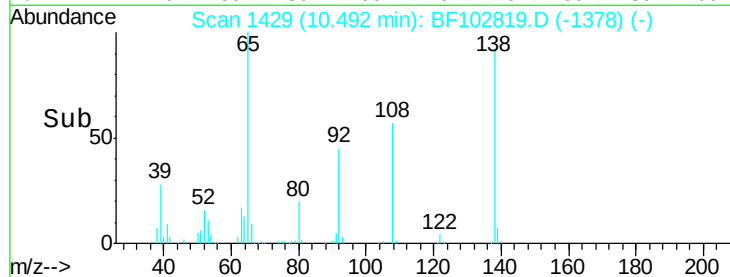
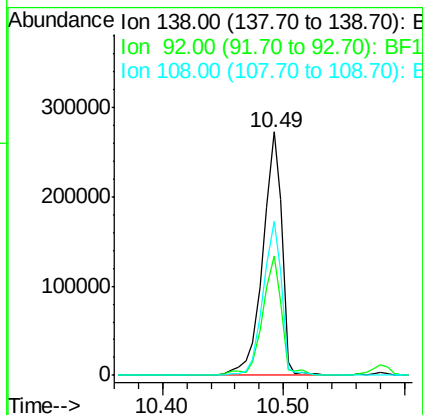
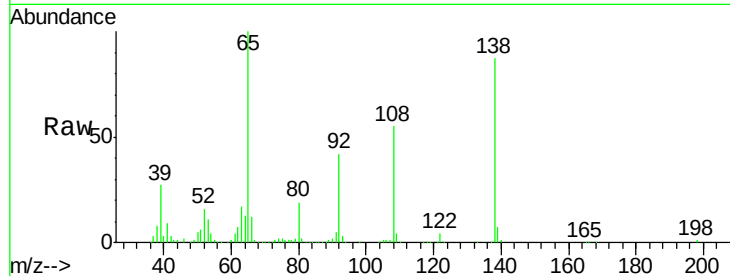




#61
4-Nitroaniline
Concen: 47.73 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

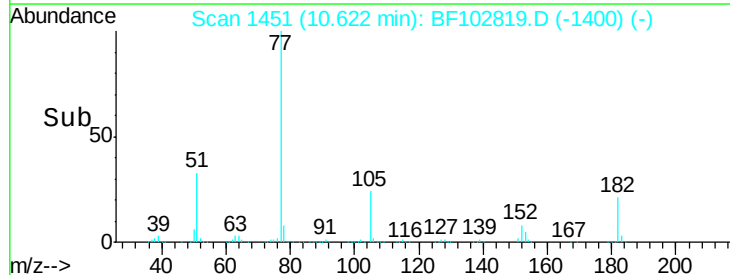
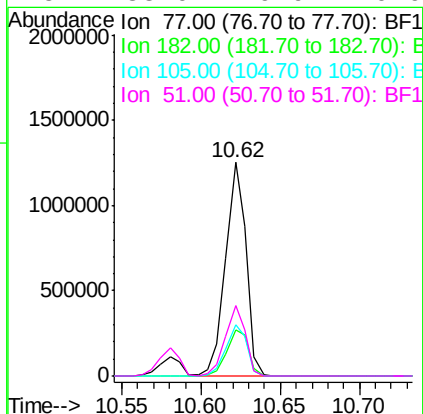
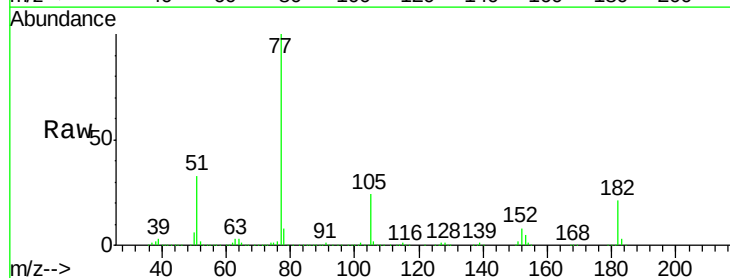
Instrument :
BNA_F
ClientSampleId :

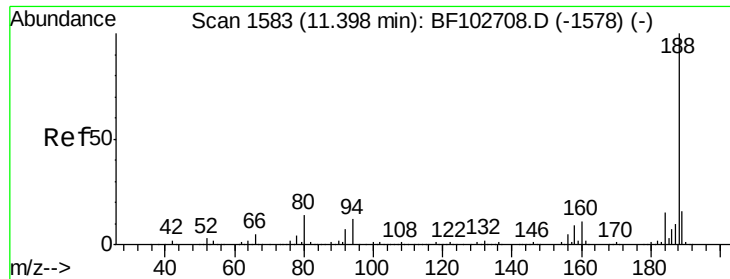
Tot Ion:138 Resp: 301461
Ion Ratio Lower Upper
138 100
92 48.9 30.2 70.2
108 63.3 52.5 92.5



#62
Azobenzene
Concen: 40.07 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Tgt Ion: 77 Resp: 1120331
Ion Ratio Lower Upper
77 100
182 21.4 1.7 41.7
105 24.0 3.0 43.0
51 33.0 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

ClientSampleId :

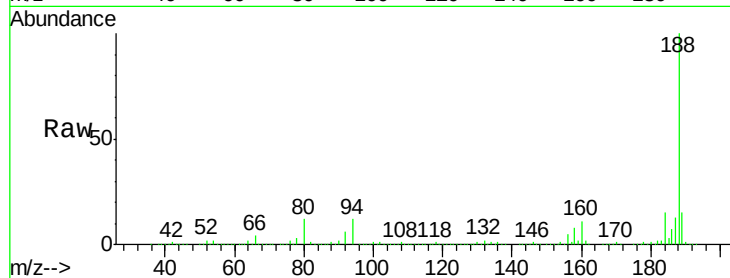
Tot Ion:188 Resp: 630768

Ion Ratio Lower Upper

188 100

94 11.7 8.5 12.7

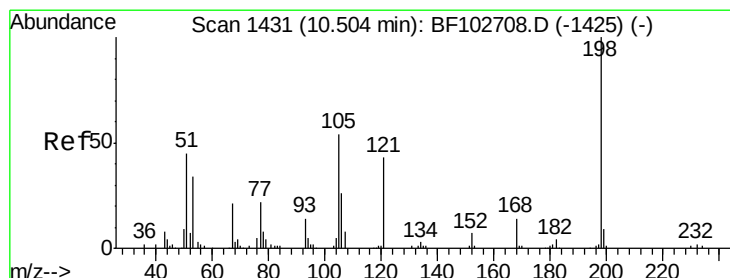
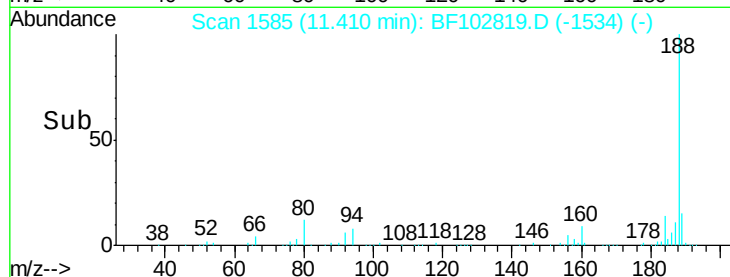
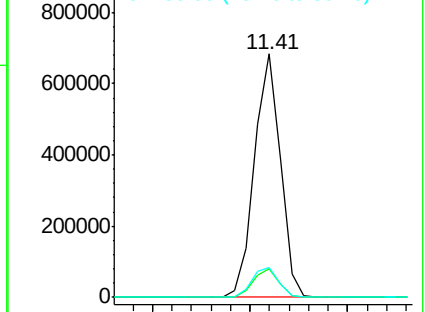
80 12.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 56.11 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

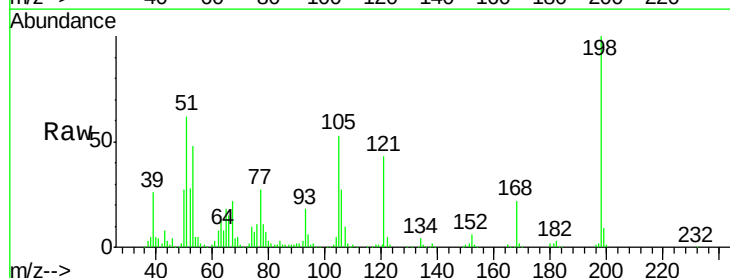
Tgt Ion:198 Resp: 155799

Ion Ratio Lower Upper

198 100

51 62.2 37.7 77.7

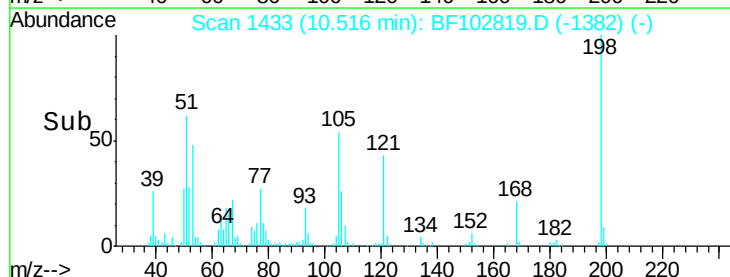
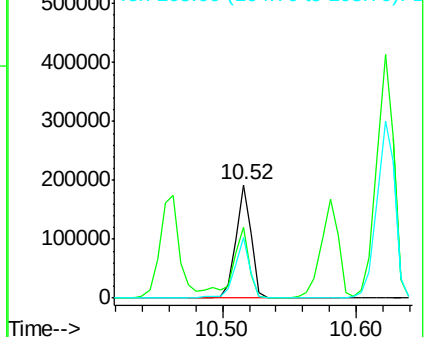
105 53.4 36.3 76.3

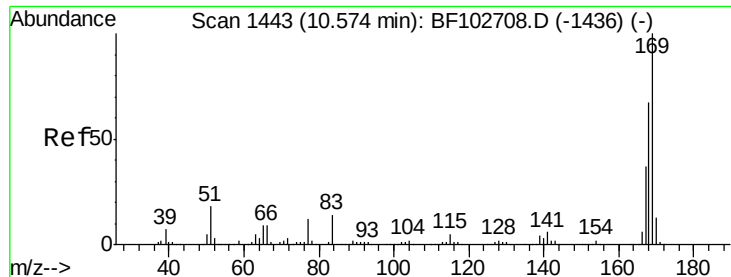


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.75 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

ClientSampleId :

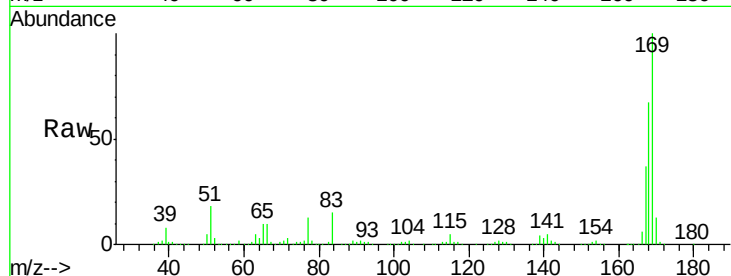
Tot Ion:169 Resp: 884398

Ion Ratio Lower Upper

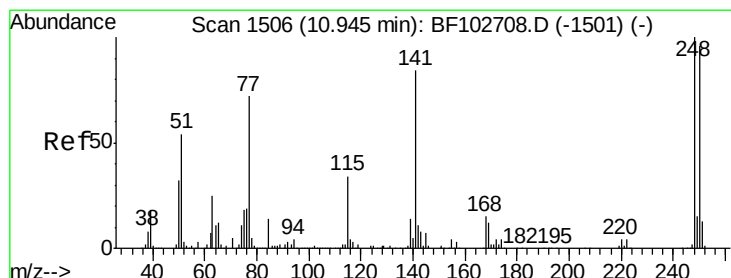
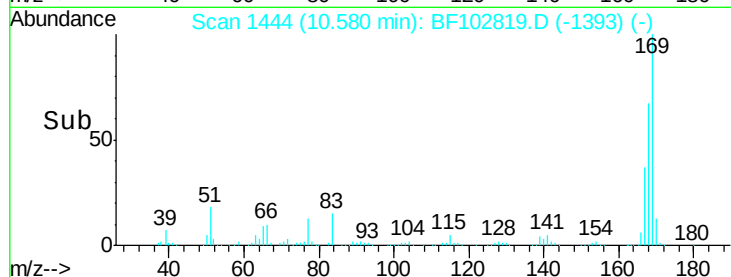
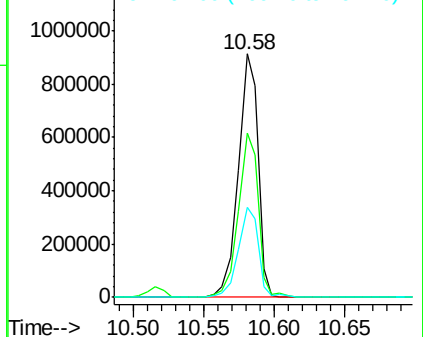
169 100

168 67.2 54.4 81.6

167 37.0 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: 40.94 ng

RT: 10.95 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

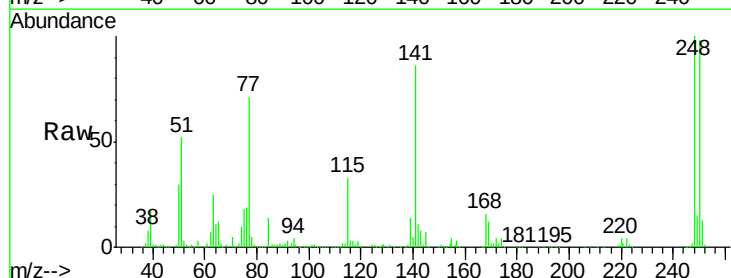
Tgt Ion:248 Resp: 273193

Ion Ratio Lower Upper

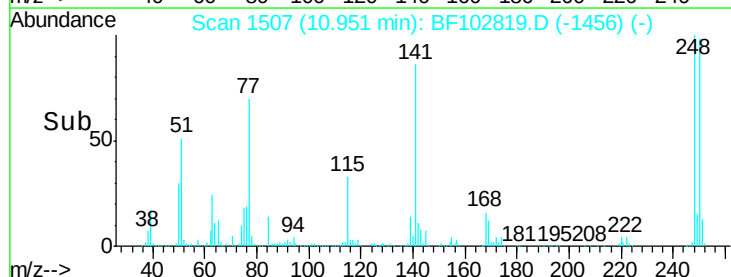
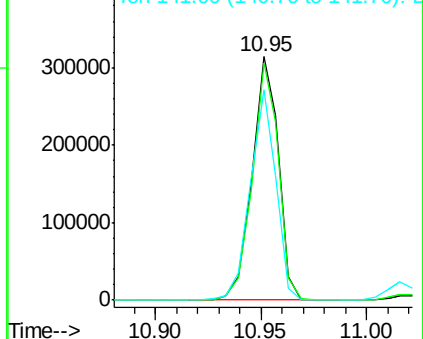
248 100

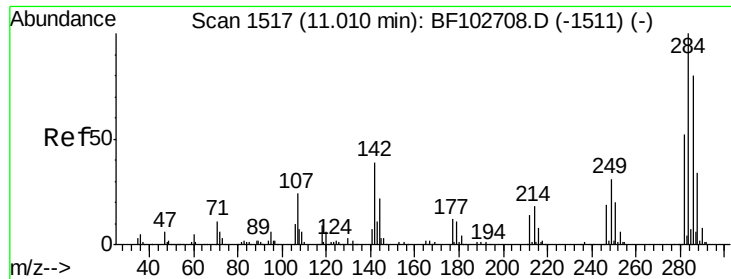
250 97.7 76.9 115.3

141 86.3 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

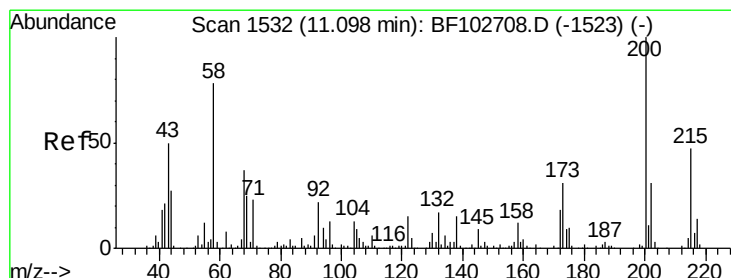
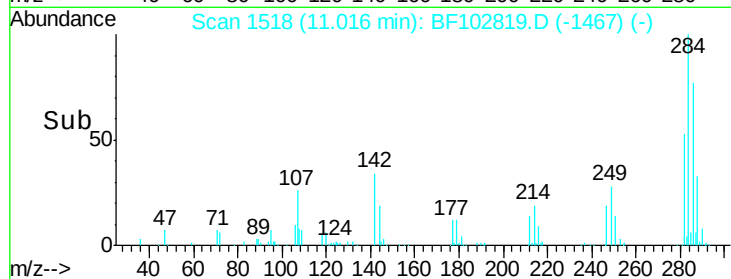
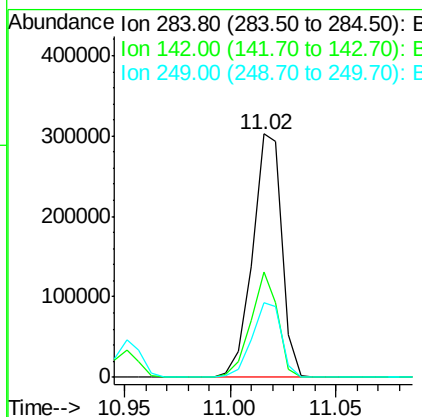
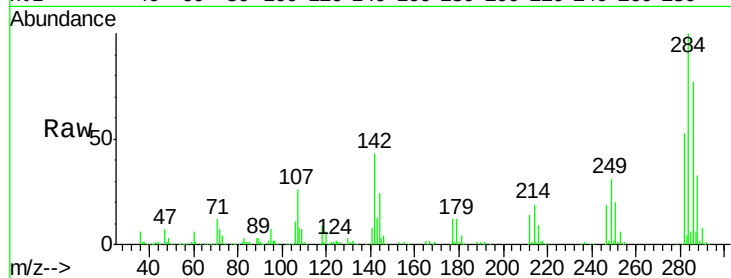




#67
Hexachlorobenzene
Concen: 39.73 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

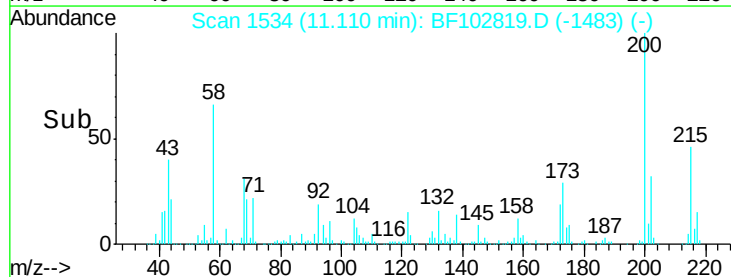
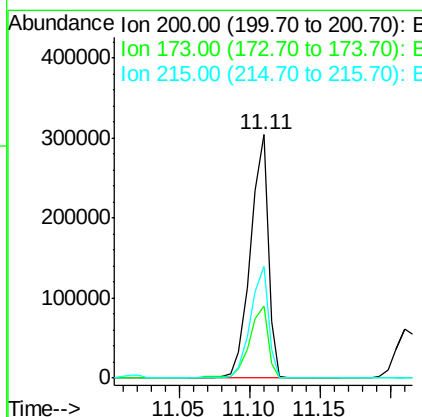
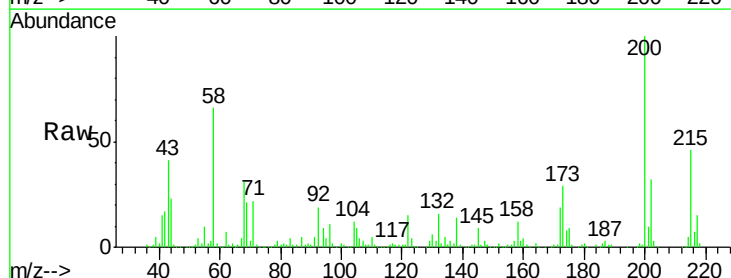
Instrument :
BNA_F
ClientSampleId :

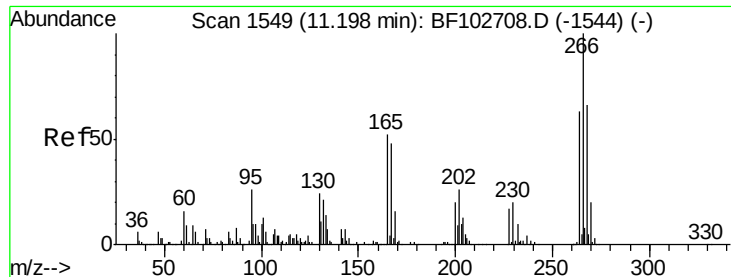
Tot Ion	Ratio	Lower	Upper
284	100		
142	43.2	34.6	52.0
249	30.8	24.8	37.2



#68
Atrazine
Concen: 41.35 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.4	8.6	48.6
215	46.1	25.1	65.1

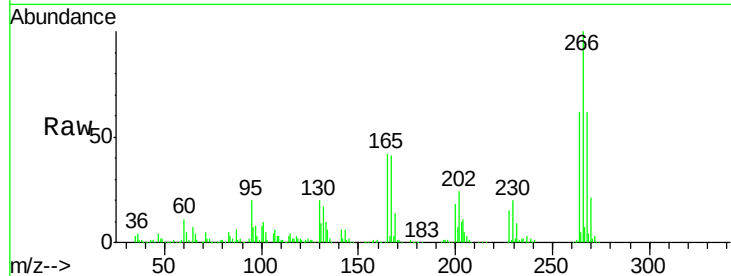




#69
 Pentachlorophenol
 Concen: 74.34 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.1	76.7
264	62.1	49.5	74.3

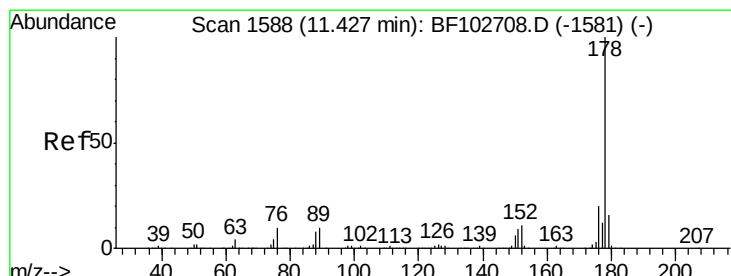
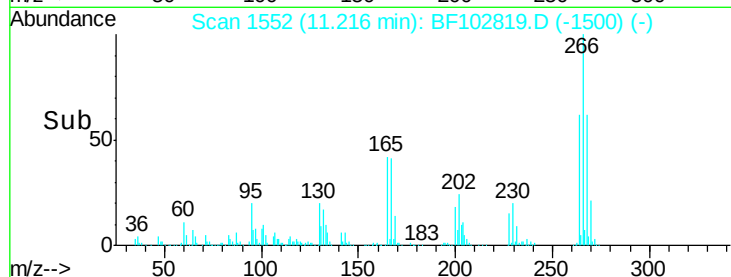
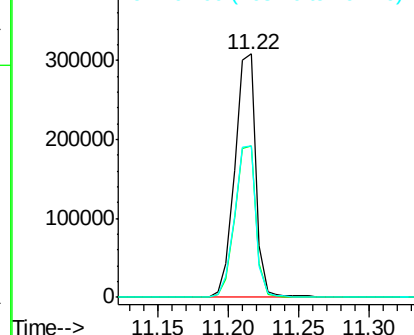


Abundance

Ion 265.70 (265.40 to 266.40): E

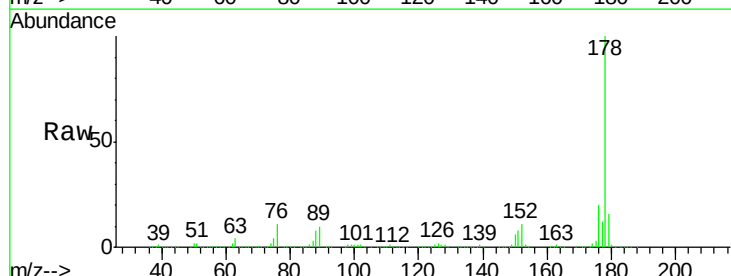
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 39.72 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.7	13.0	19.6

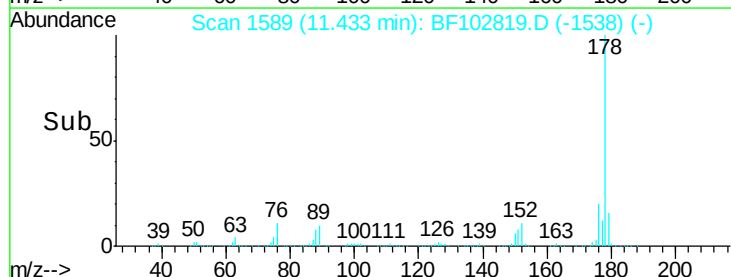
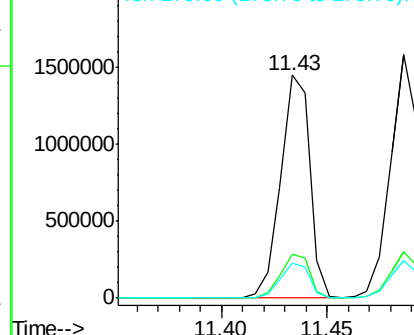


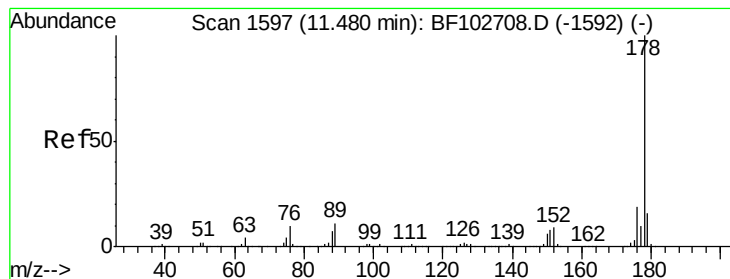
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 40.77 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

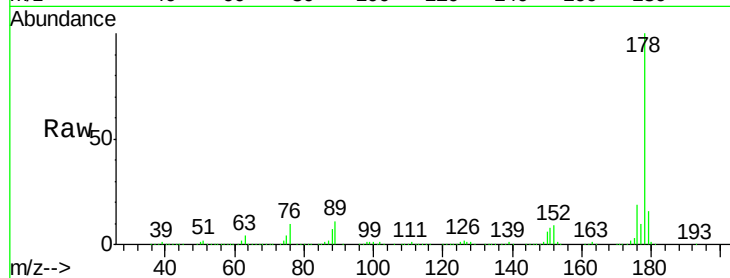
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1456869

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.6	12.6	19.0

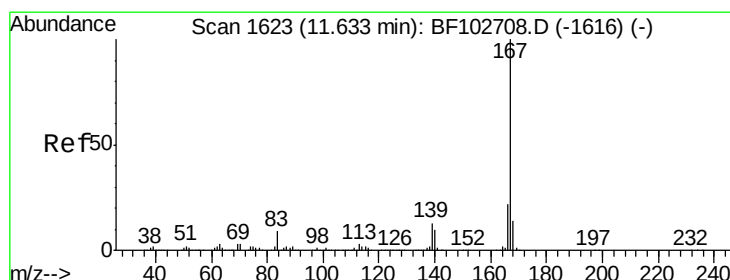
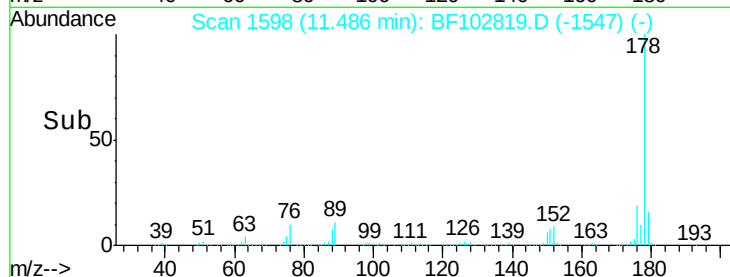
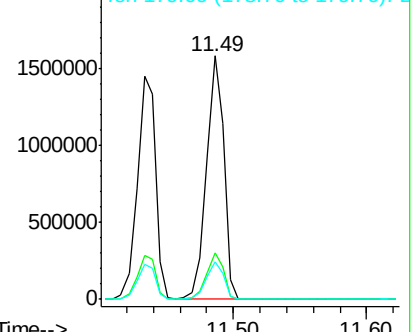


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.57 ng

RT: 11.64 min Scan# 1624

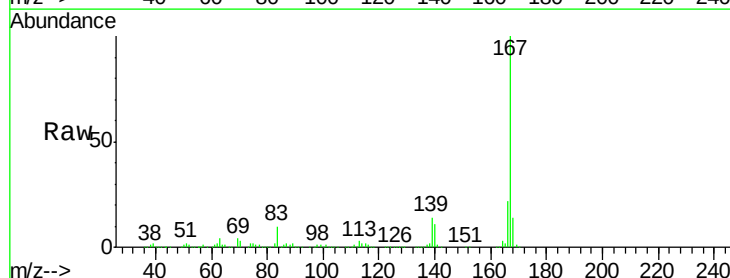
Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Tgt Ion:167 Resp: 1385264

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	14.2	10.9	16.3

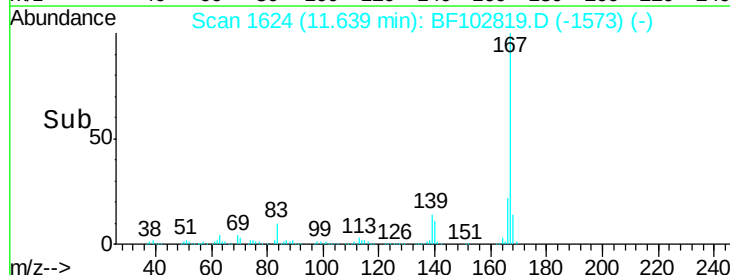
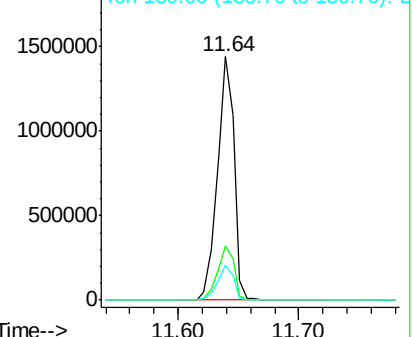


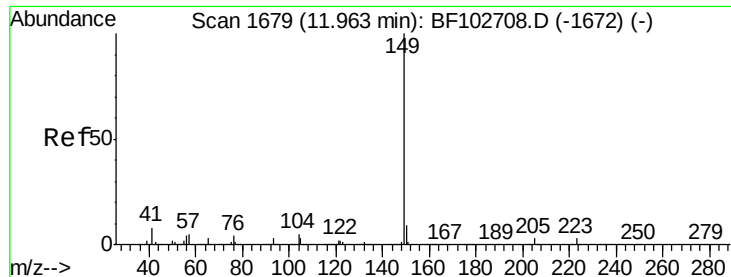
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.26 ng

RT: 11.97 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

ClientSampled :

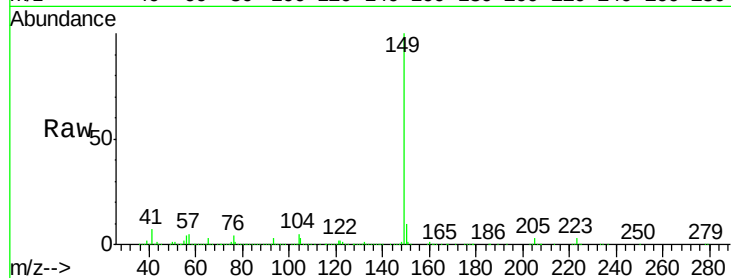
Tot Ion:149 Resp: 1712048

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

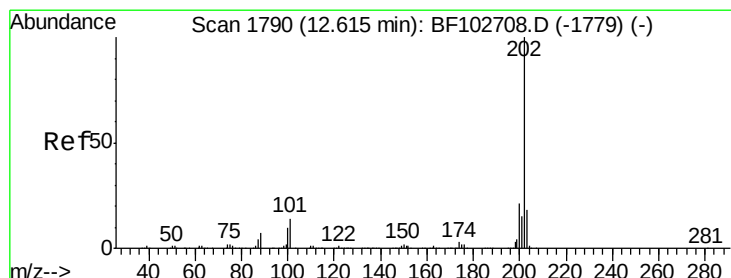
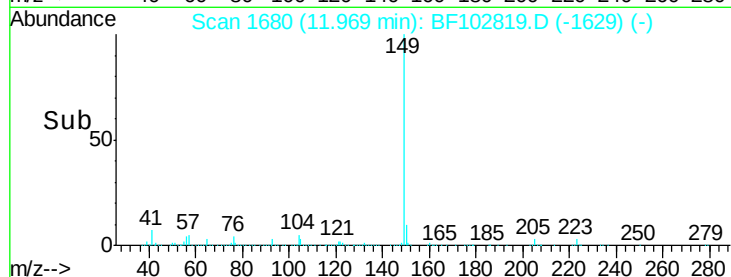
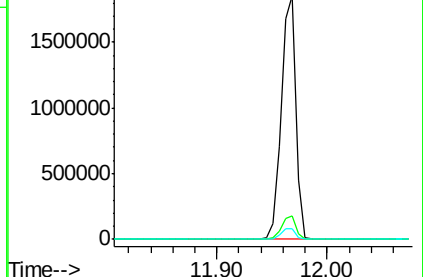
104 4.6 3.8 5.8



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: 41.02 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

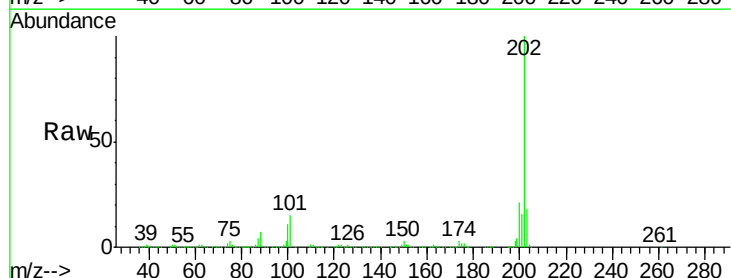
Tgt Ion:202 Resp: 1449715

Ion Ratio Lower Upper

202 100

101 15.1 0.0 34.1

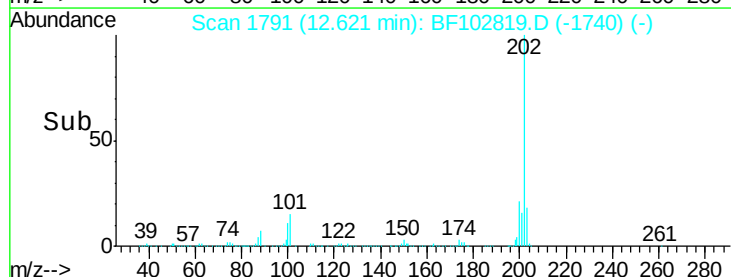
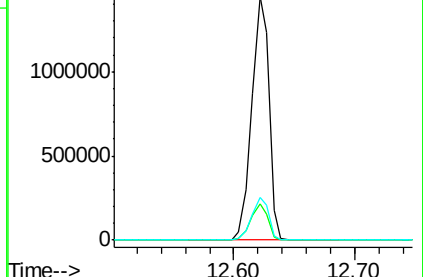
203 17.8 0.0 38.1

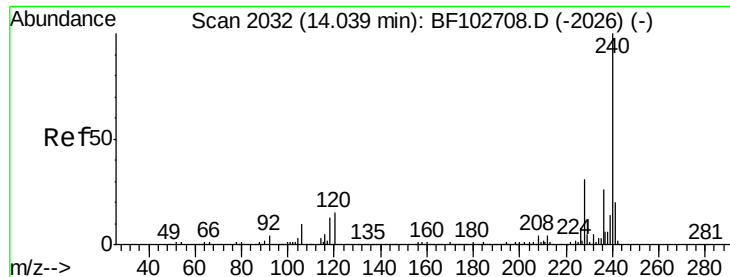


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

ClientSampleId :

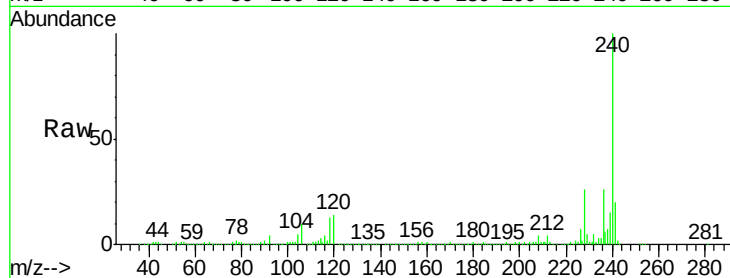
Tot Ion:240 Resp: 442460

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

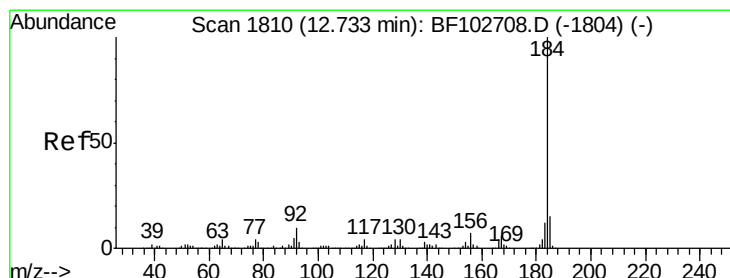
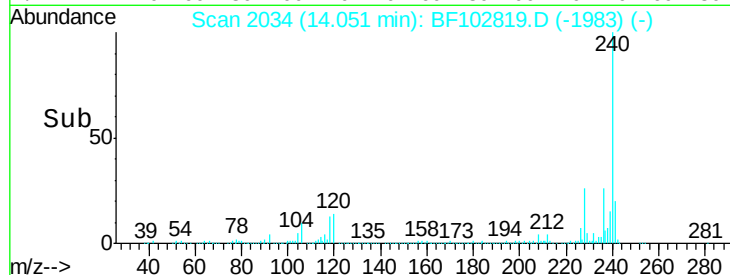
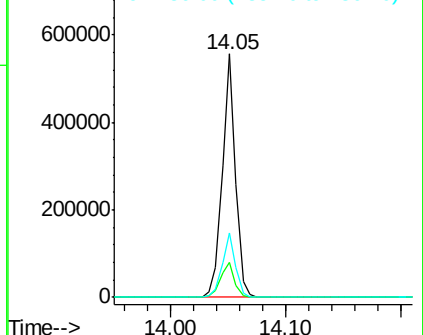
236 26.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.90 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

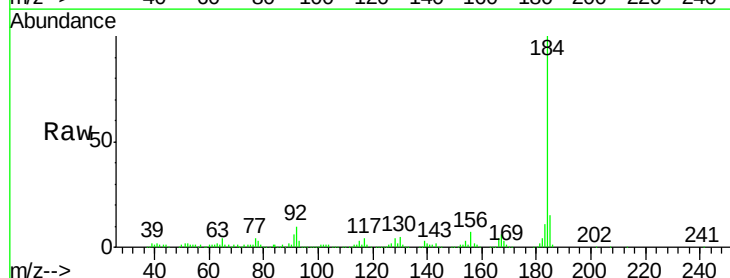
Tgt Ion:184 Resp: 425056

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

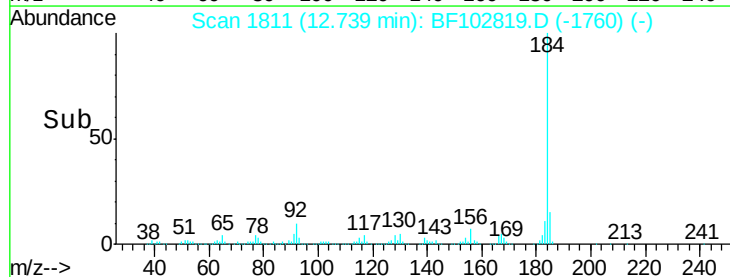
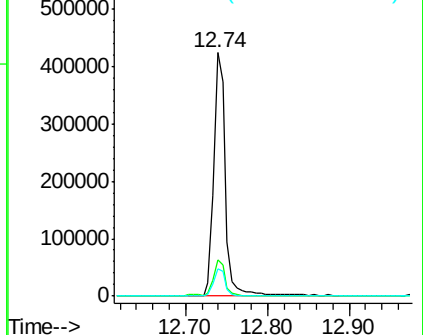
183 11.5 9.3 13.9

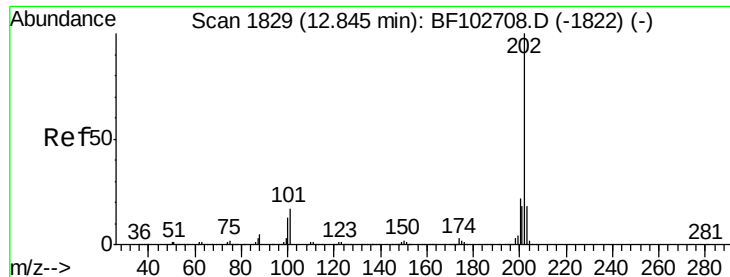


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.96 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

ClientSampleId :

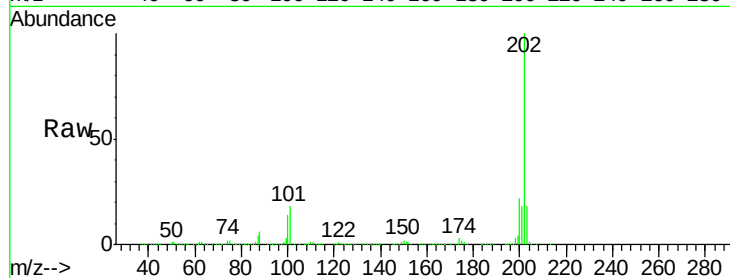
Tot Ion:202 Resp: 1455817

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

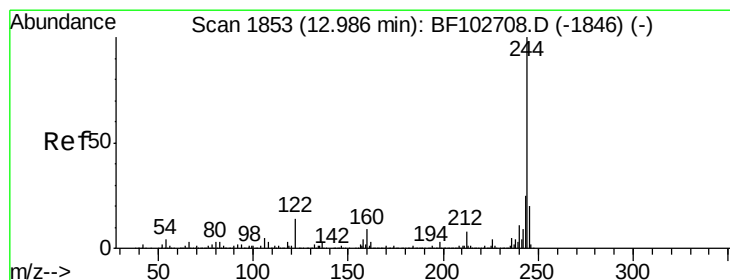
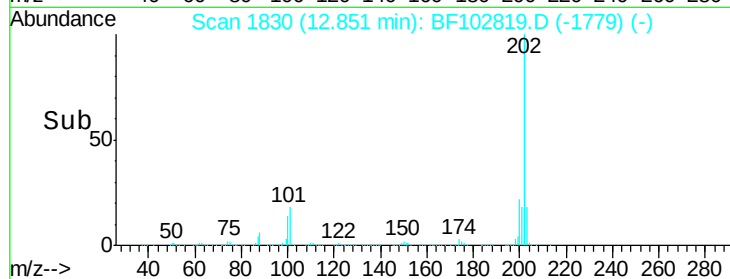
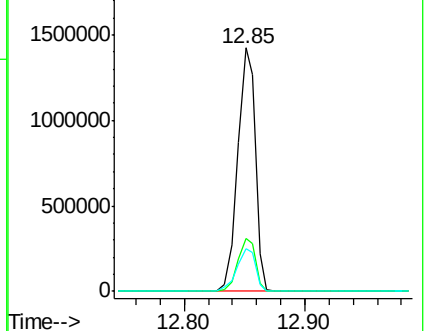
203 17.7 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 90.34 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

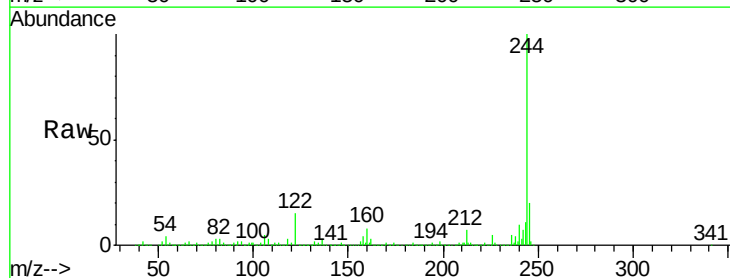
Tgt Ion:244 Resp: 1688191

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

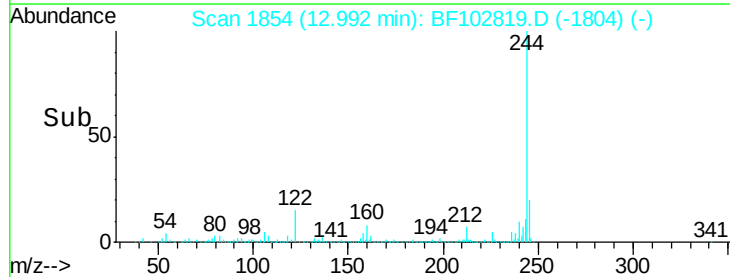
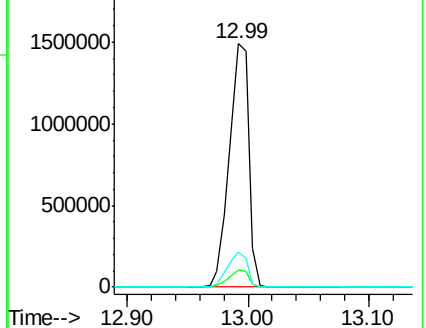
122 14.6 11.0 16.4

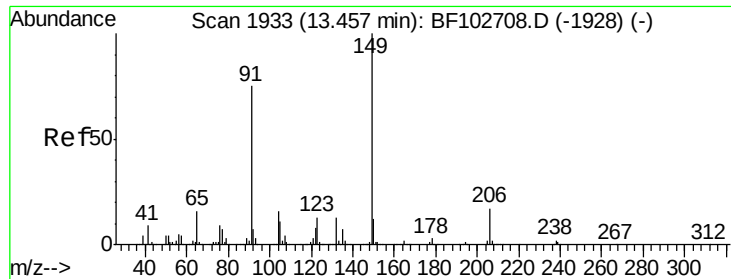


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

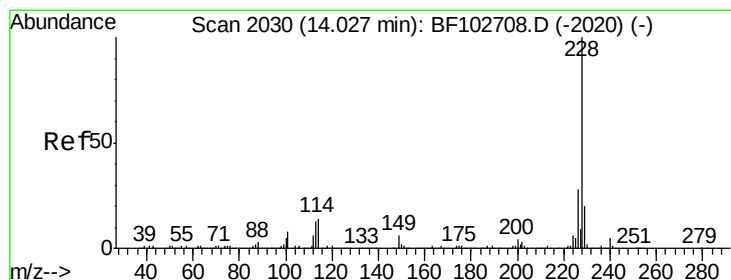
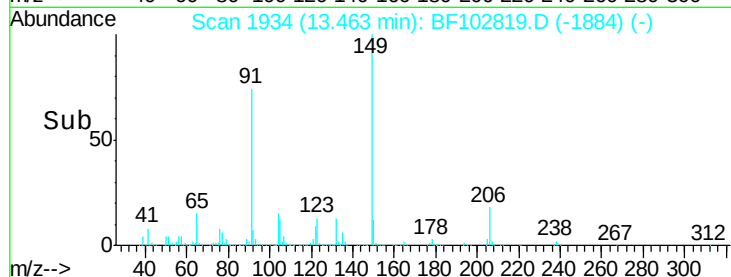
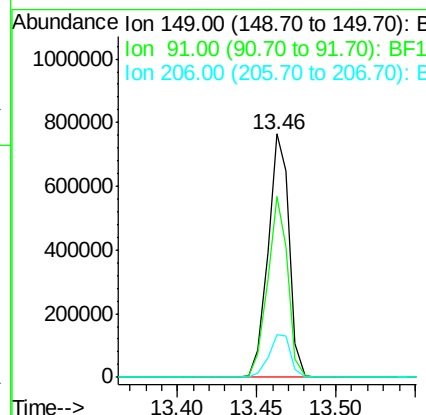
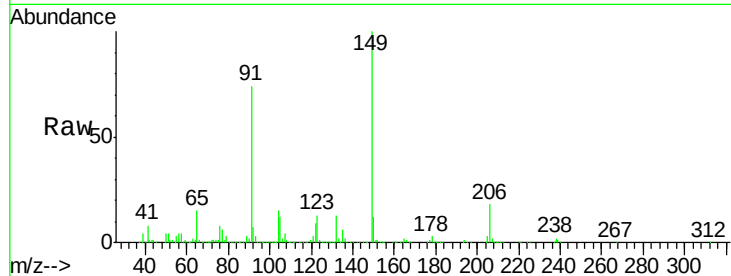




#79
Butylbenzylphthalate
Concen: 42.87 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

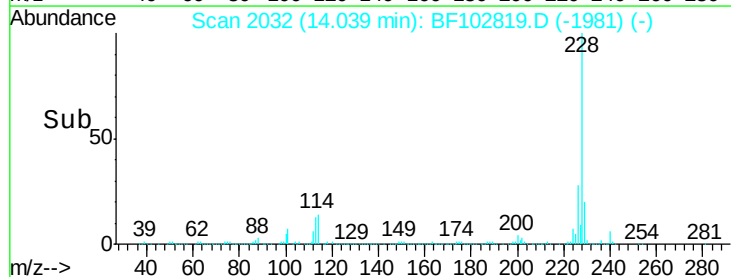
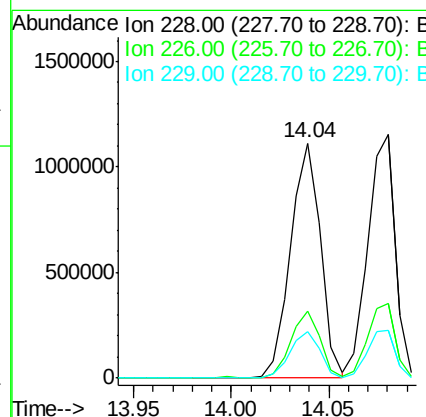
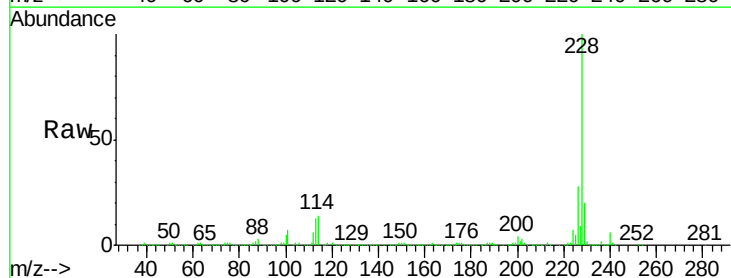
Instrument :
BNA_F
ClientSampled :

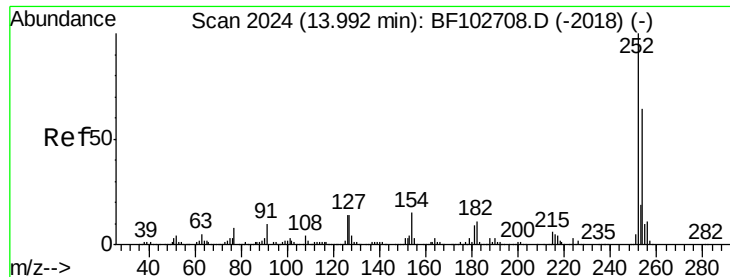
Tot Ion:149 Resp: 709699
Ion Ratio Lower Upper
149 100
91 74.2 56.8 85.2
206 17.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 42.46 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Tgt Ion:228 Resp: 1181554
Ion Ratio Lower Upper
228 100
226 28.5 22.6 33.8
229 19.9 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 27.97 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

ClientSampleId :

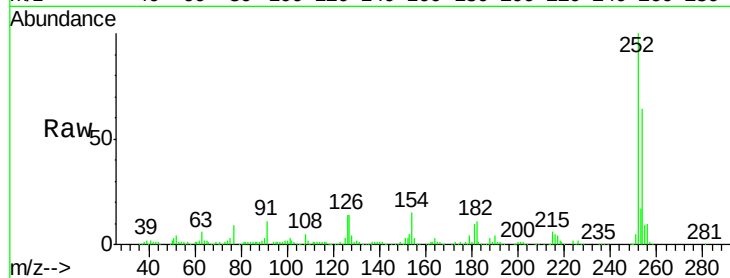
Tot Ion:252 Resp: 288585

Ion Ratio Lower Upper

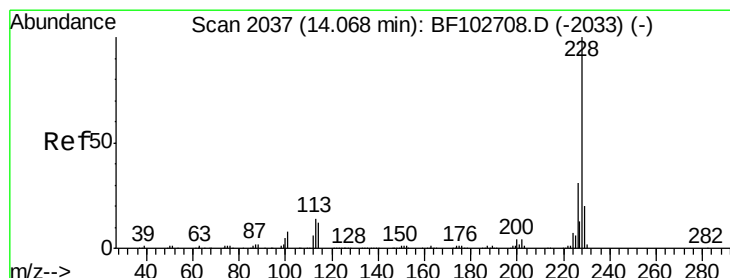
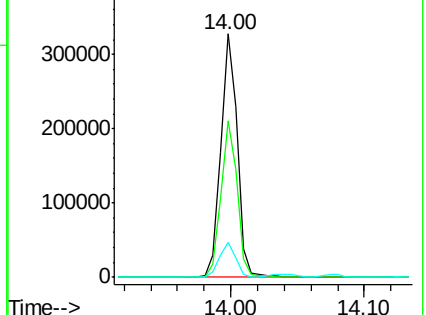
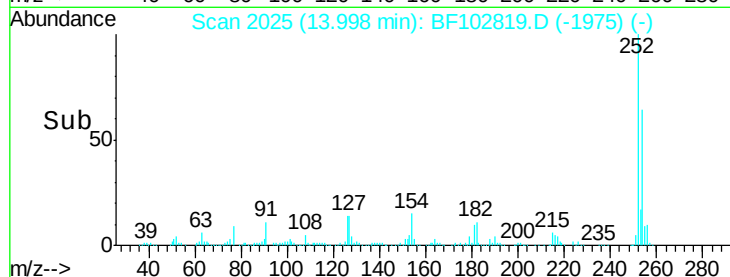
252 100

254 64.2 50.4 75.6

126 14.4 11.3 16.9



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



#82

Chrysene

Concen: 40.34 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

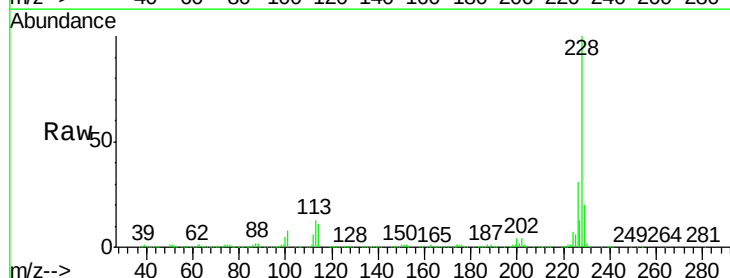
Tgt Ion:228 Resp: 1131506

Ion Ratio Lower Upper

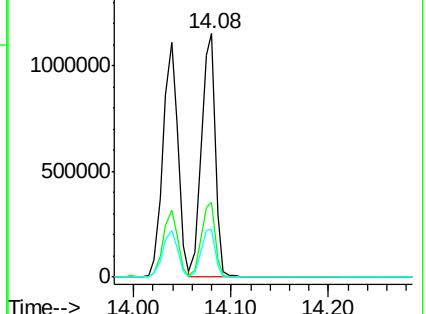
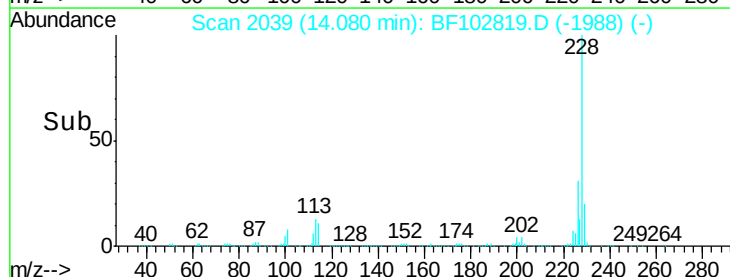
228 100

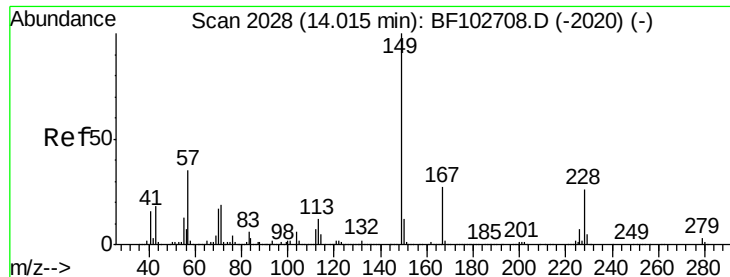
226 30.7 25.0 37.6

229 19.6 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.39 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

ClientSampleId :

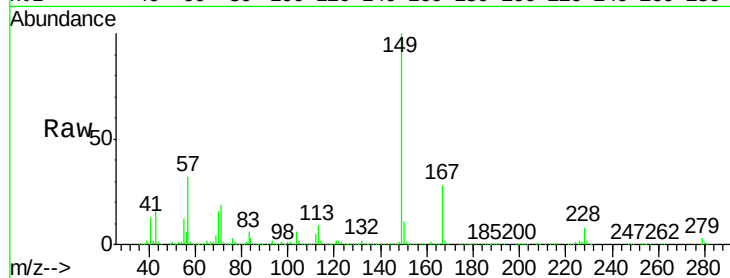
Tot Ion:149 Resp: 900985

Ion Ratio Lower Upper

149 100

167 27.7 21.3 31.9

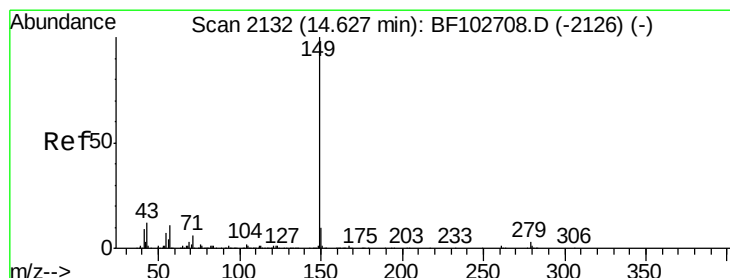
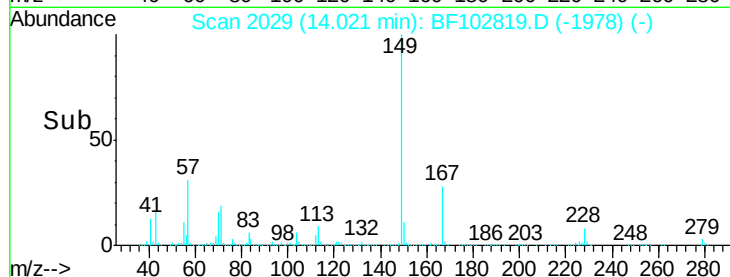
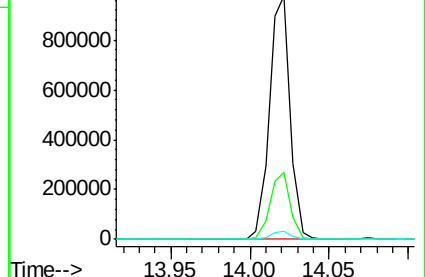
279 3.5 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.51 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

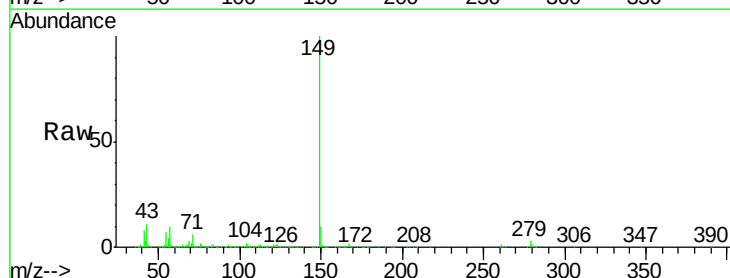
Tgt Ion:149 Resp: 1388468

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

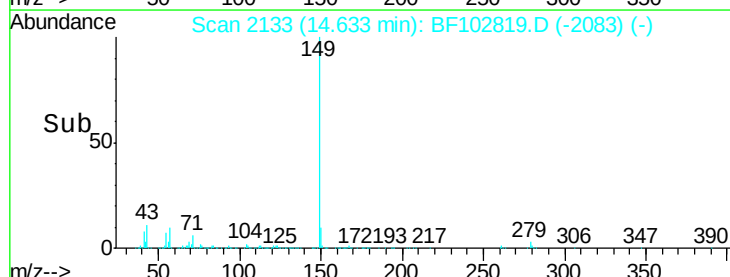
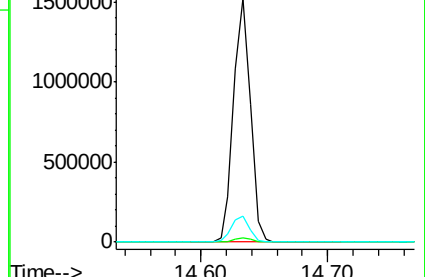
43 10.9 8.4 12.6

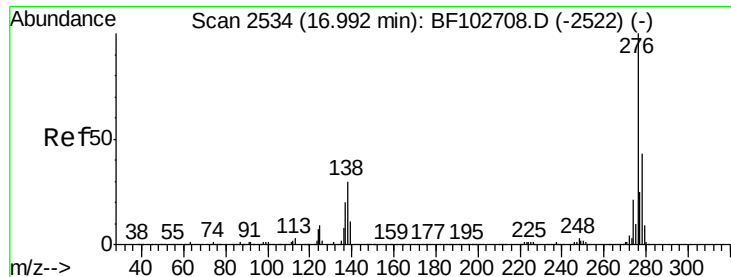


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

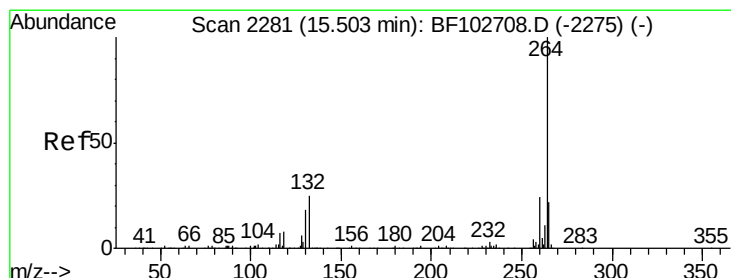
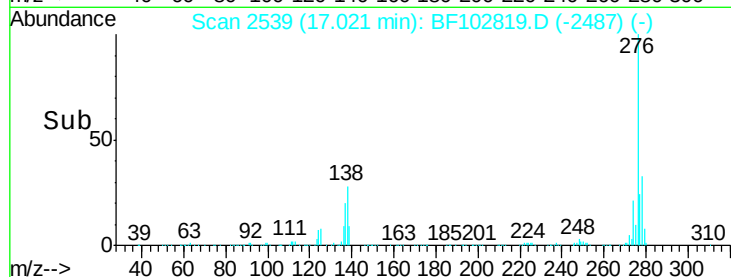
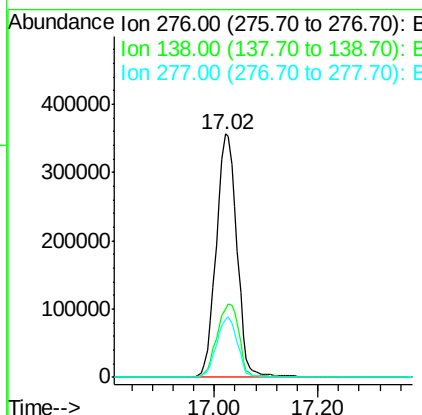
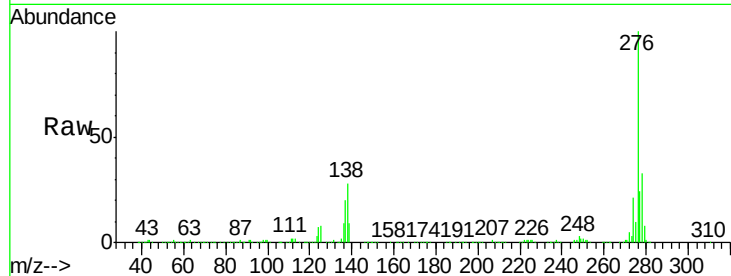




#85
Indeno(1,2,3-cd)pyrene
Concen: 42.66 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.01 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

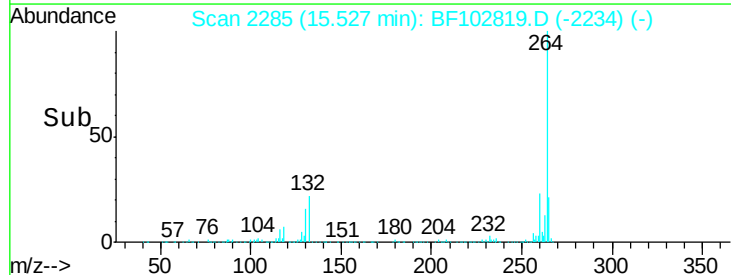
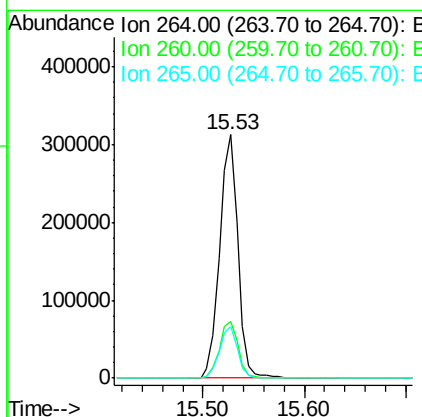
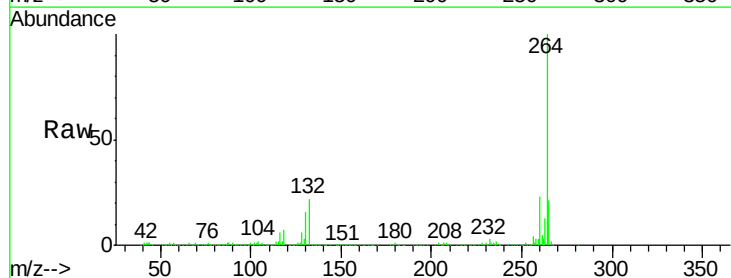
Instrument :
BNA_F
ClientSampleId :

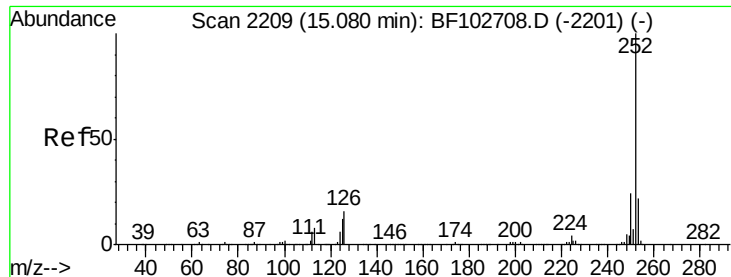
Tot Ion:276 Resp: 992471
Ion Ratio Lower Upper
276 100
138 32.1 25.0 37.6
277 25.1 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Tgt Ion:264 Resp: 389697
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 21.4 17.5 26.3

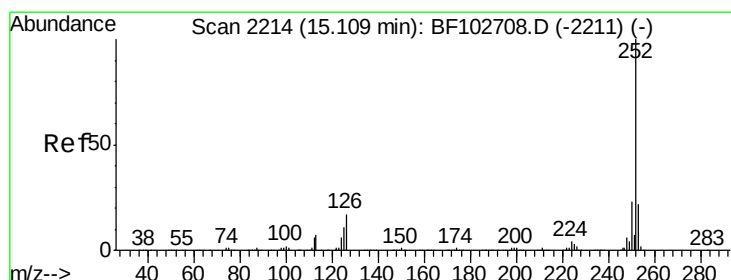
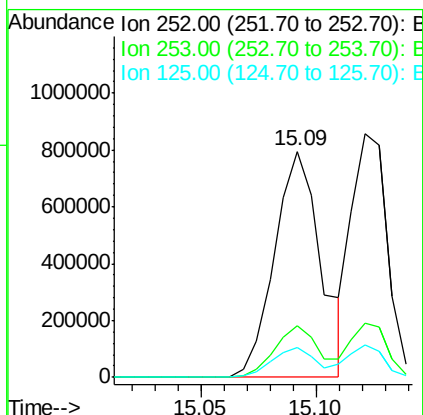
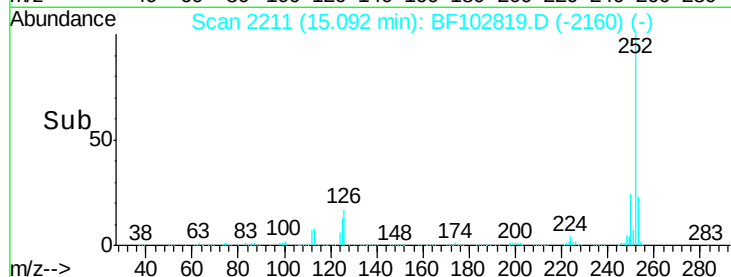
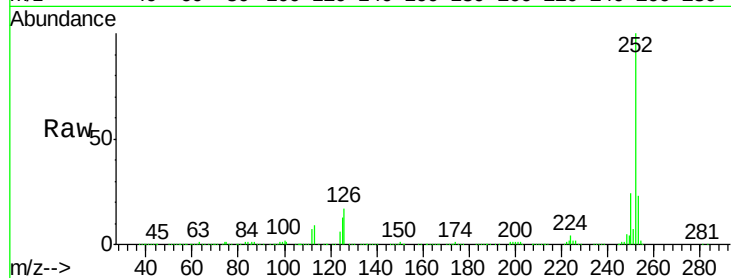




#87
Benzo(b)fluoranthene
Concen: 43.89 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

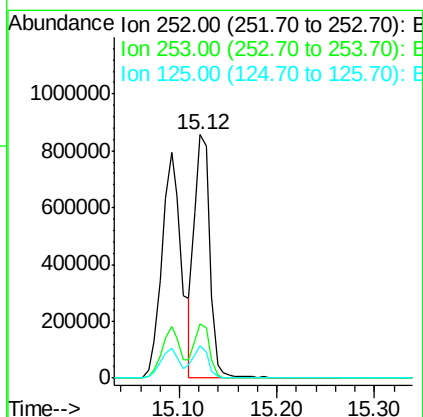
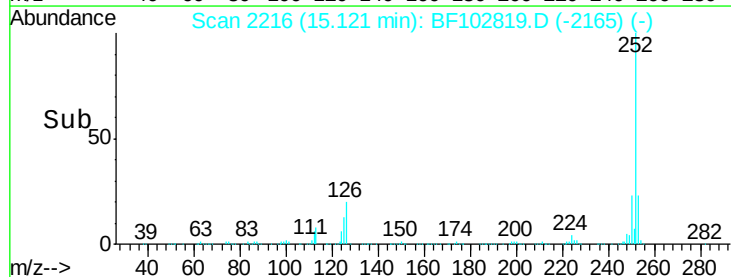
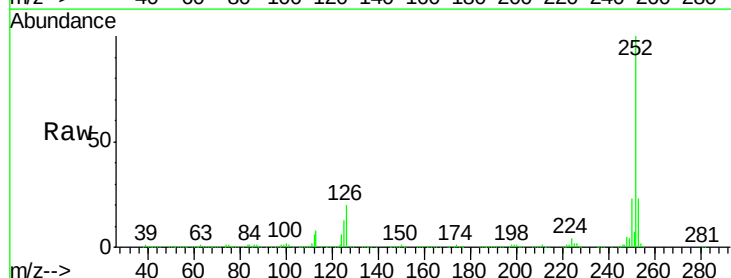
Instrument :
BNA_F
ClientSampleId :

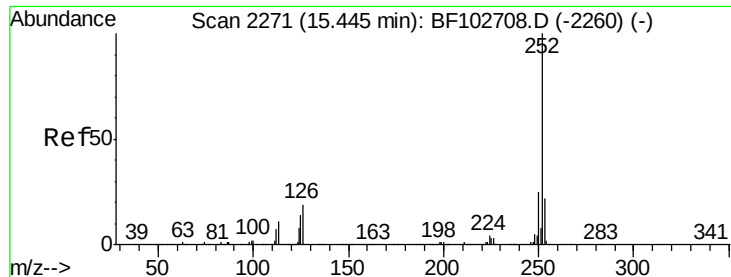
Tot Ion:252 Resp: 1108974
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.6
125 13.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 38.82 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Tgt Ion:252 Resp: 937080
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 13.2 10.2 15.2





#89

Benzo(a)pyrene

Concen: 42.07 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

ClientSampleId :

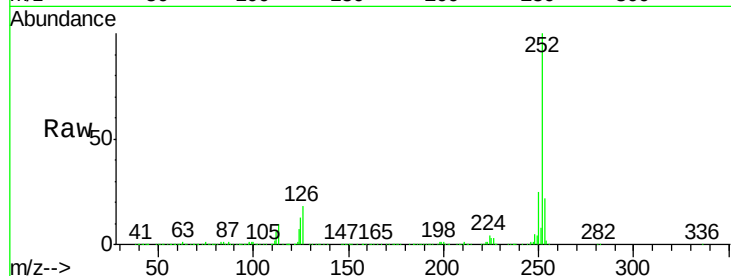
Tot Ion:252 Resp: 956843

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

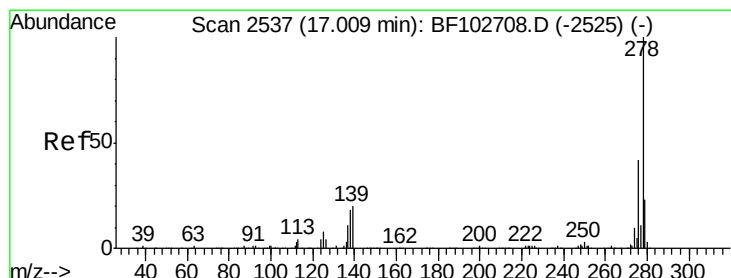
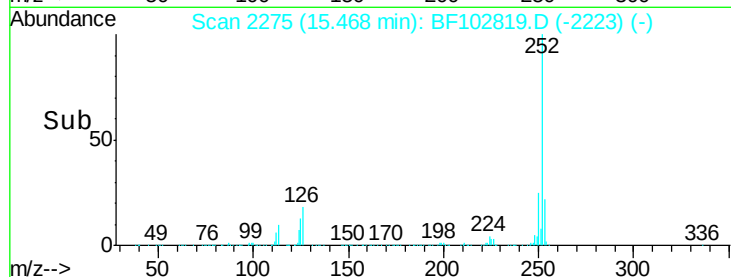
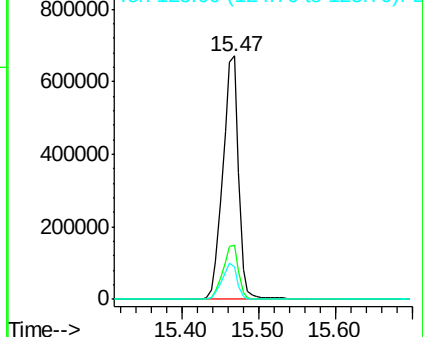
125 13.2 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.51 ng

RT: 17.04 min Scan# 2543

Delta R.T. 0.01 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

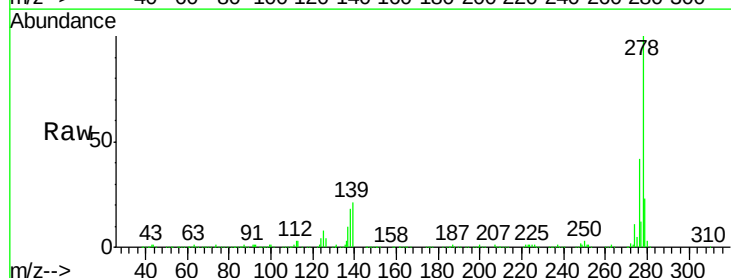
Tgt Ion:278 Resp: 821698

Ion Ratio Lower Upper

278 100

139 21.2 15.9 23.9

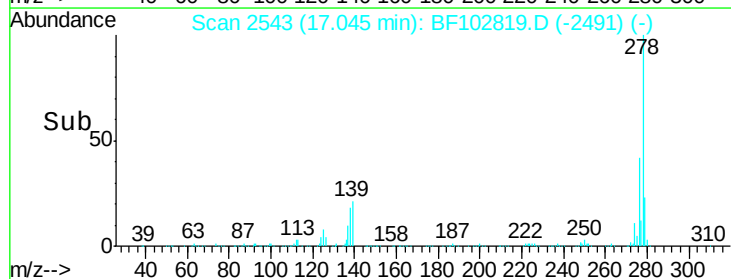
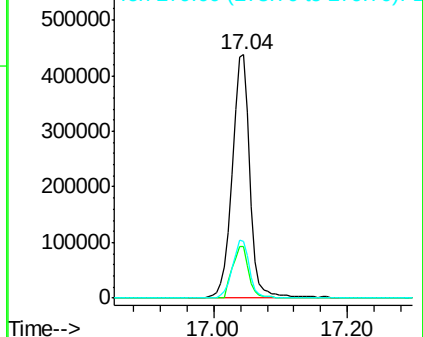
279 23.4 19.0 28.4

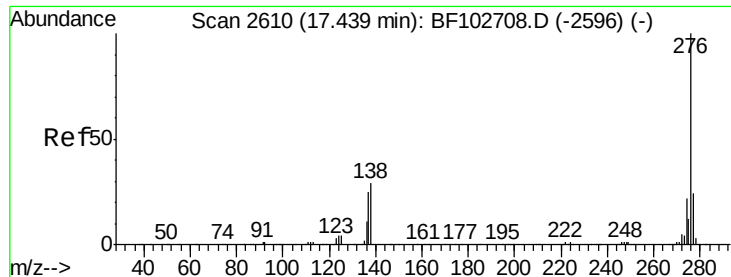


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 47.39 ng

RT: 17.48 min Scan# 2617

Delta R.T. 0.01 min

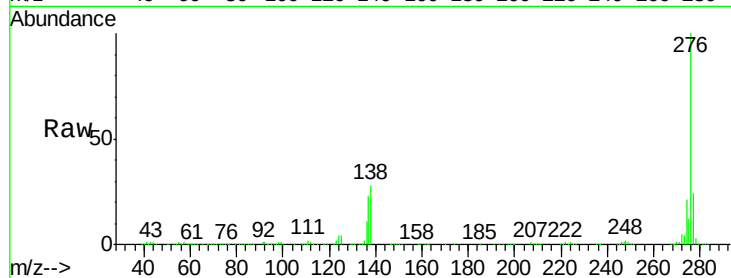
Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 856144

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 27.7 21.8 32.8

