

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102816.D
 Acq On : 7 Feb 2018 15:36
 Operator : SJ/JU
 Sample : J1455-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 02:16:12 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	203683	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	865546	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	397294	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	684121	20.00	ng	0.00
75) Chrysene-d12	14.05	240	431679	20.00	ng	0.00
86) Perylene-d12	15.53	264	357112	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	815930	60.84	ng	0.00
7) Phenol-d6	6.50	99	628522	38.92	ng	0.00
23) Nitrobenzene-d5	7.45	82	1307262	104.77	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	448682	140.31	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	2030208	84.79	ng	0.00
78) Terphenyl-d14	13.00	244	1828692	100.30	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.69	88	104664	15.80	ng	88
3) Pyridine	3.48	79	213919	11.69	ng	89
4) n-Nitrosodimethylamine	3.40	42	139005	17.75	ng	98
6) Aniline	6.55	93	469415	19.68	ng	98
8) 2-Chlorophenol	6.67	128	516893	37.44	ng	96
9) Benzaldehyde	6.43	77	210733	17.57	ng	96
10) Phenol	6.52	94	253345	14.64	ng	97
11) bis(2-Chloroethyl)ether	6.62	93	621007	43.12	ng	90
12) 1,3-Dichlorobenzene	6.82	146	617512	38.62	ng	97
13) 1,4-Dichlorobenzene	6.90	146	623332	39.13	ng	99
14) 1,2-Dichlorobenzene	7.06	146	577123	38.90	ng	97
15) Benzyl Alcohol	7.02	79	356667	28.73	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1137509	41.58	ng	98
17) 2-Methylphenol	7.13	107	376778	29.58	ng	99
18) Hexachloroethane	7.39	117	223552	40.93	ng	92
19) n-Nitroso-di-n-propylamine	7.30	70	455032	42.74	ng	95
20) 3+4-Methylphenols	7.28	107	382485	24.35	ng	# 76
22) Acetophenone	7.29	105	867468	40.96	ng	95
24) Nitrobenzene	7.47	77	688940	46.94	ng	97
25) Isophorone	7.70	82	1304518	45.41	ng	99
26) 2-Nitrophenol	7.78	139	356289	57.09	ng	99
27) 2,4-Dimethylphenol	7.82	122	530133	43.68	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	808846	47.52	ng	98
29) 2,4-Dichlorophenol	8.02	162	498053	45.14	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	500064	40.06	ng	98
31) Naphthalene	8.19	128	1731817	40.95	ng	99
32) Benzoic acid	7.89	122	119063	21.27	ng	99
33) 4-Chloroaniline	8.23	127	404704	22.21	ng	98
34) Hexachlorobutadiene	8.30	225	238524	37.29	ng	98
35) Caprolactam	8.62	113	14976	3.91	ng	# 68
36) 4-Chloro-3-methylphenol	8.70	107	516004	41.62	ng	98
37) 2-Methylnaphthalene	8.88	142	1173563	42.39	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	448153	41.43	ng	99
40) Hexachlorocyclopentadiene	9.03	237	420618	81.79	ng	96

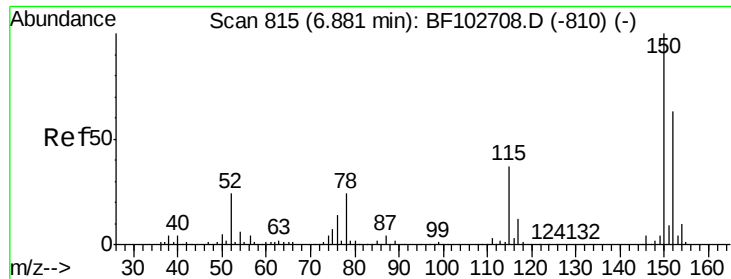
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	344847	48.53	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	369160	46.10	nq	98
45) 1,1'-Biphenyl	9.35	154	1353680	40.45	nq	100
46) 2-Chloronaphthalene	9.37	162	1105908	41.98	nq	99
47) 2-Nitroaniline	9.46	65	422886	51.73	nq	88
48) Acenaphthylene	9.79	152	1653678	40.42	nq	98
49) Dimethylphthalate	9.65	163	1345629	43.44	nq	99
50) 2,6-Dinitrotoluene	9.71	165	311318	52.82	nq	96
51) Acenaphthene	9.96	154	1010622	41.30	nq	99
52) 3-Nitroaniline	9.87	138	208795	28.79	nq	98
53) 2,4-Dinitrophenol	9.99	184	298812	115.23	nq	# 21
54) Dibenzofuran	10.13	168	1496177	43.39	nq	98
55) 4-Nitrophenol	10.03	139	198097	35.59	nq	91
56) 2,4-Dinitrotoluene	10.11	165	417238	52.48	nq	# 95
57) Fluorene	10.47	166	1092948	43.56	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	283277	51.04	nq	# 98
59) Diethylphthalate	10.35	149	1304449	42.65	nq	98
60) 4-Chlorophenyl-phenylether	10.46	204	492786	44.40	nq	98
61) 4-Nitroaniline	10.50	138	327788	47.49	nq	89
62) Azobenzene	10.63	77	1294552	42.36	nq	95
64) 4,6-Dinitro-2-methylphenol	10.52	198	195327	62.48	nq	92
65) n-Nitrosodiphenylamine	10.59	169	1045221	43.31	nq	100
66) 4-Bromophenyl-phenylether	10.96	248	321918	44.48	nq	91
67) Hexachlorobenzene	11.02	284	345294	43.25	nq	92
68) Atrazine	11.12	200	316714	44.49	nq	99
69) Pentachlorophenol	11.22	266	377278	80.50	nq	99
70) Phenanthrene	11.44	178	1619765	42.51	nq	98
71) Anthracene	11.49	178	1688863	43.58	nq	99
72) Carbazole	11.65	167	1582135	41.67	nq	99
73) Di-n-butylphthalate	11.97	149	1989435	43.14	nq	100
74) Fluoranthene	12.63	202	1608828	41.97	nq	99
76) Benzidine	12.74	184	183573	9.25	nq	97
77) Pyrene	12.86	202	1644452	48.58	nq	100
79) Butylbenzylphthalate	13.47	149	803113	49.57	nq	95
80) Benzo(a)anthracene	14.04	228	1262523	46.50	nq	100
81) 3,3'-Dichlorobenzidine	14.00	252	288511	28.66	nq	98
82) Chrysene	14.08	228	1201260	43.89	nq	100
83) Bis(2-ethylhexyl)phthalate	14.02	149	1017562	49.07	nq	100
84) Di-n-octyl phthalate	14.63	149	1570458	50.44	nq	99
85) Indeno(1,2,3-cd)pyrene	17.03	276	1148715	50.61	nq	99
87) Benzo(b)fluoranthene	15.09	252	1117849	48.28	nq	98
88) Benzo(k)fluoranthene	15.13	252	960332	43.41	nq	98
89) Benzo(a)pyrene	15.47	252	983824	47.21	nq	98
90) Dibenzo(a,h)anthracene	17.04	278	940705	55.61	nq	99
91) Benzo(g,h,i)perylene	17.49	276	1020077	61.61	nq	98

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

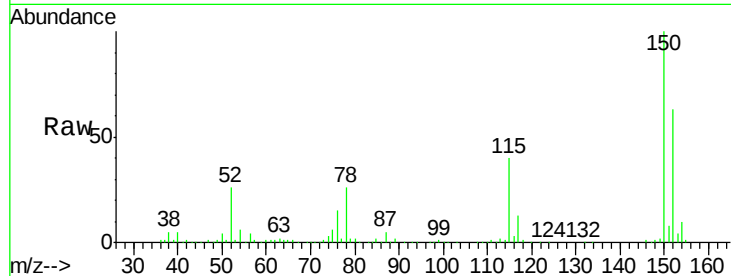


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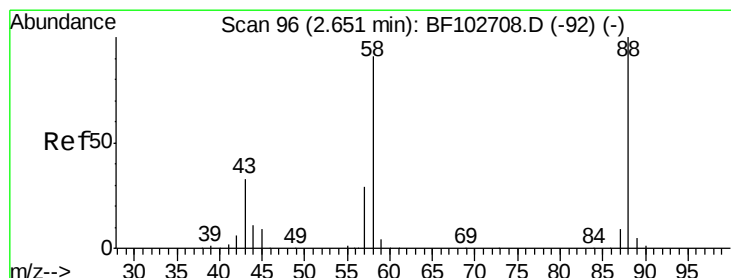
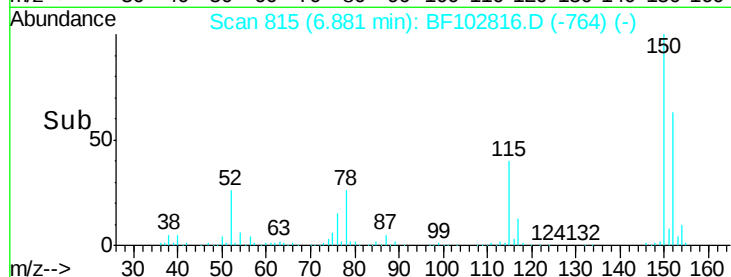
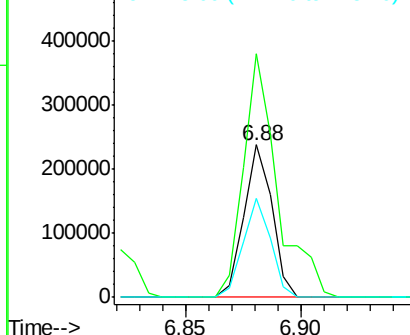
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 203683
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 64.4 50.1 75.1



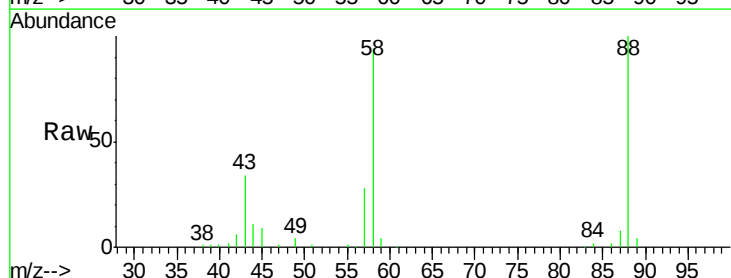
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



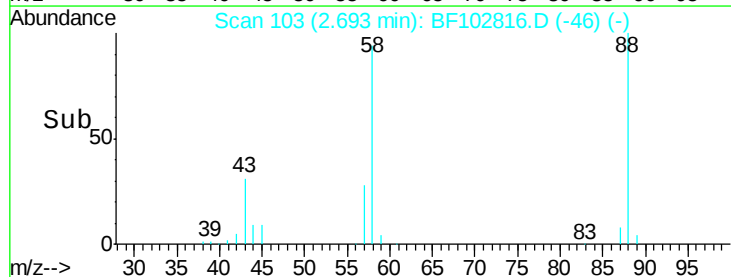
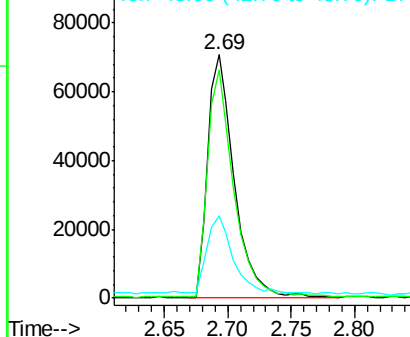
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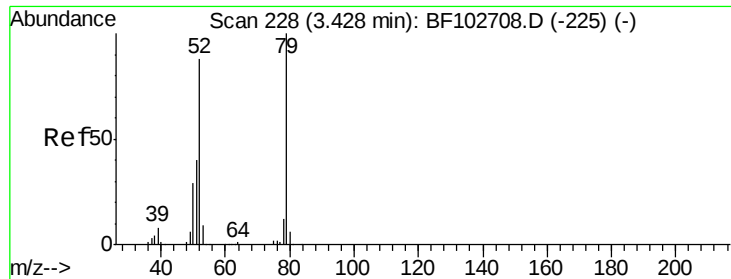
1,4-Dioxane
Concen: 15.80 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.04 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion: 88 Resp: 104664
Ion Ratio Lower Upper
88 100
58 91.7 62.6 93.8
43 32.7 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 11.69 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.05 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

ClientSampled :

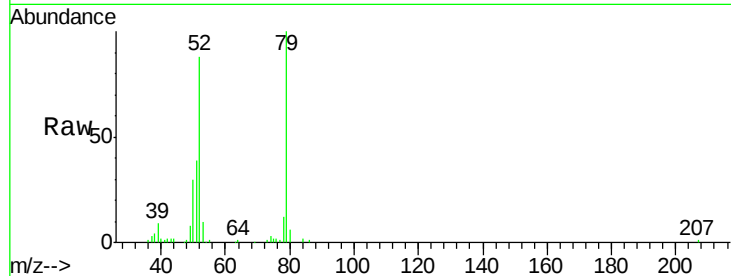
Tot Ion: 79 Resp: 213919

Ion Ratio Lower Upper

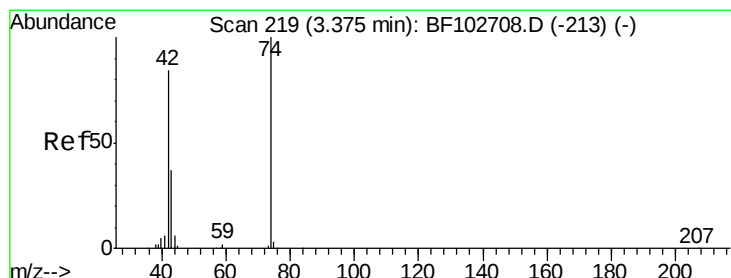
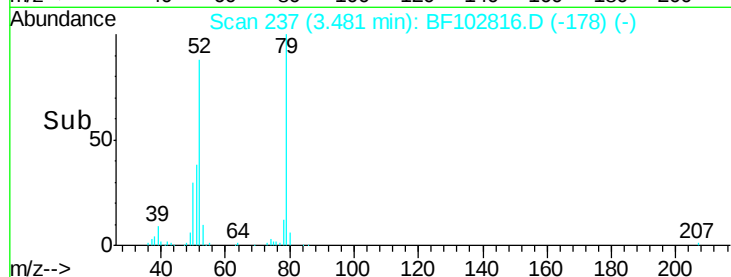
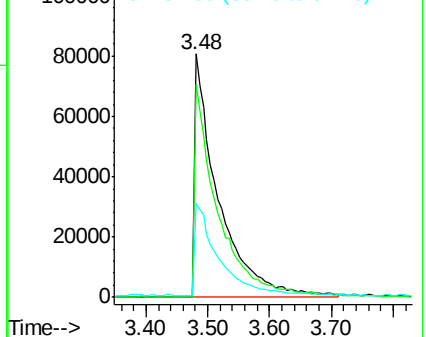
79 100

52 87.7 59.8 89.6

51 38.8 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 17.75 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.02 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

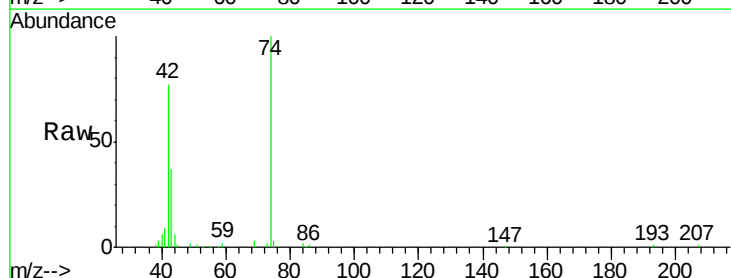
Tgt Ion: 42 Resp: 139005

Ion Ratio Lower Upper

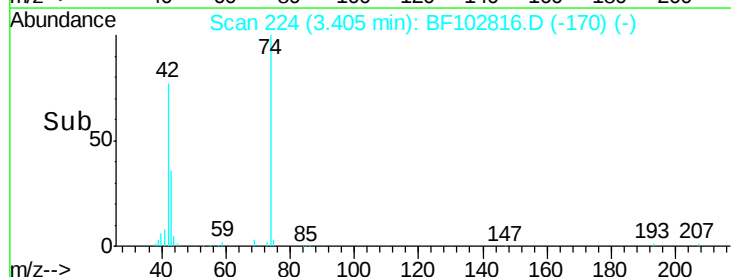
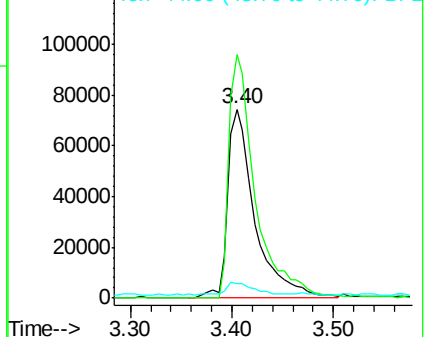
42 100

74 129.1 104.9 157.3

44 7.8 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 60.84 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

ClientSampleId :

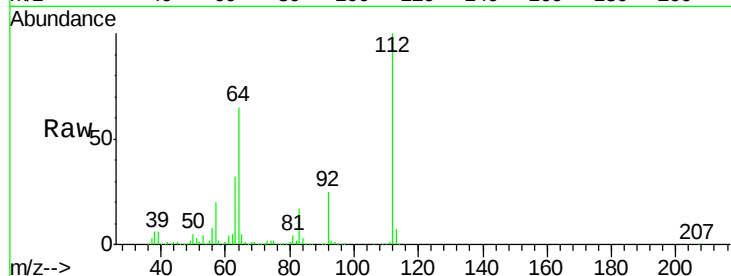
Tot Ion:112 Resp: 815930

Ion Ratio Lower Upper

112 100

64 64.9 47.9 71.9

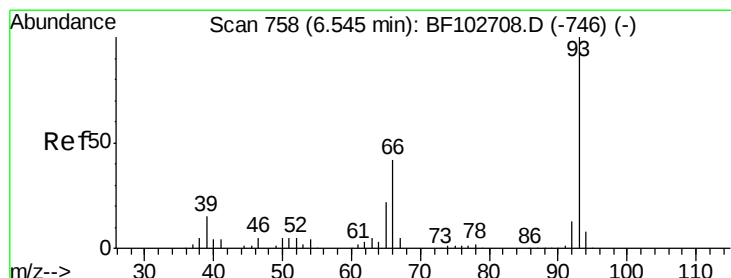
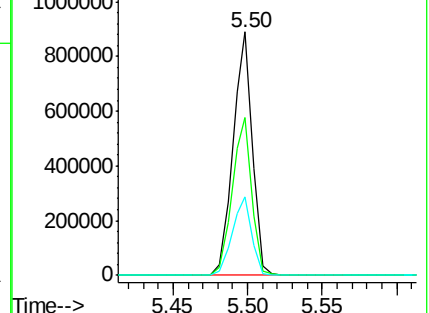
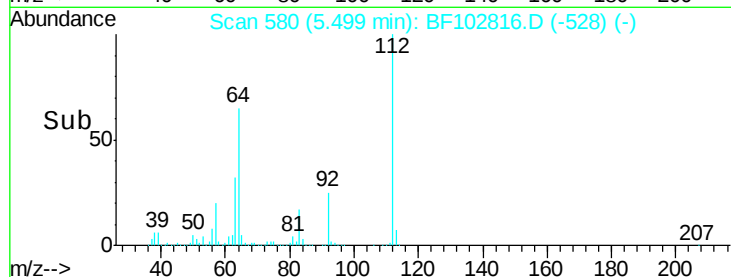
63 32.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.68 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

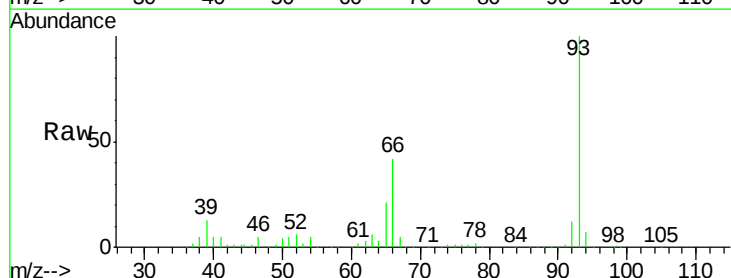
Tgt Ion: 93 Resp: 469415

Ion Ratio Lower Upper

93 100

66 41.8 32.2 48.2

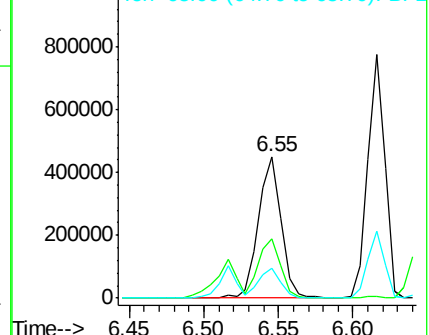
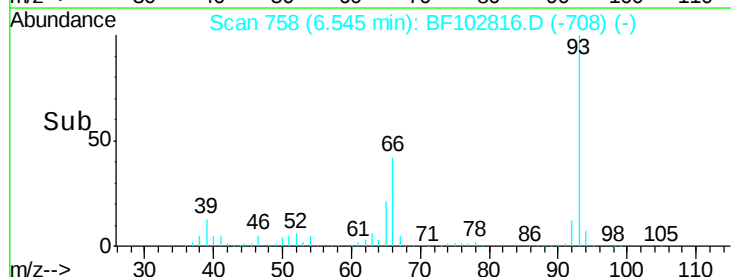
65 21.3 16.4 24.6

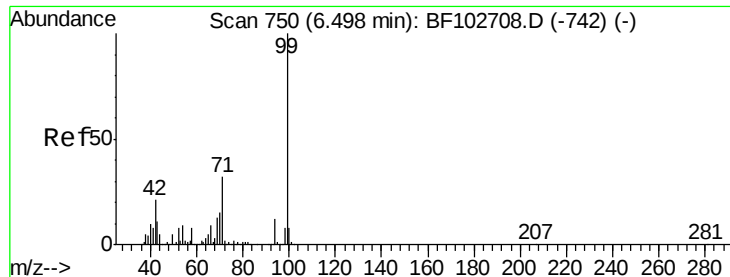


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 38.92 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

ClientSampleId :

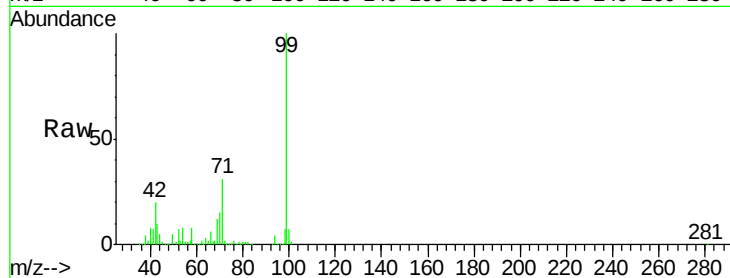
Tot Ion: 99 Resp: 628522

Ion Ratio Lower Upper

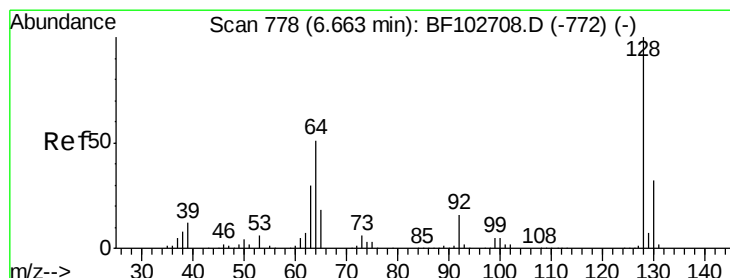
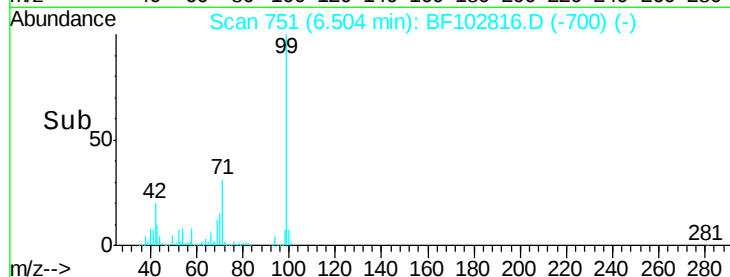
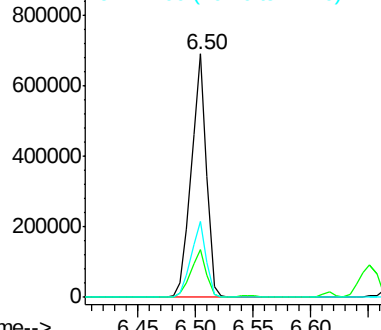
99 100

42 19.8 14.5 21.7

71 31.3 25.4 38.0



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



#8

2-Chlorophenol

Concen: 37.44 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

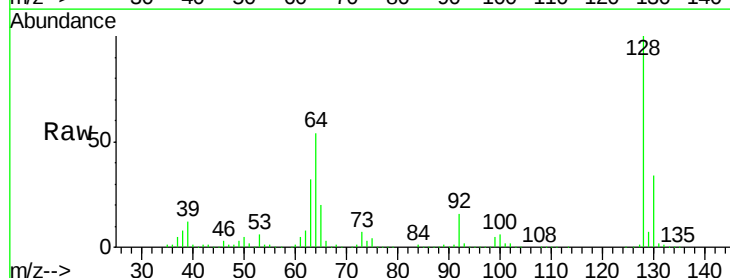
Tgt Ion: 128 Resp: 516893

Ion Ratio Lower Upper

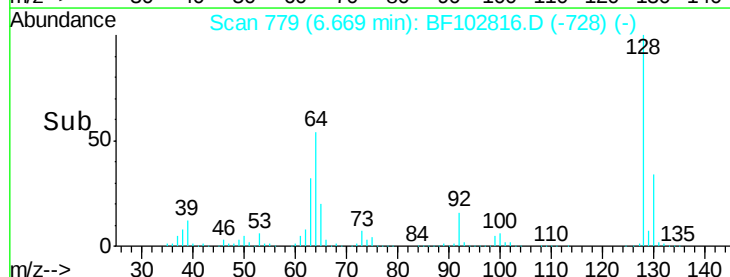
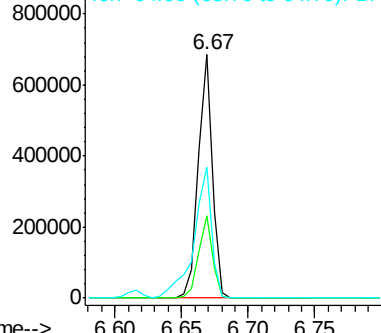
128 100

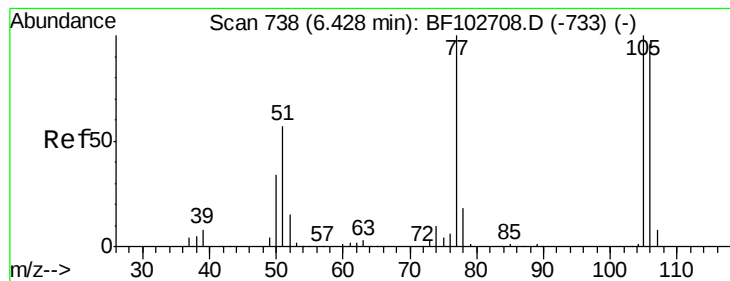
130 33.7 13.0 53.0

64 53.7 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: 17.57 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

ClientSampleId :

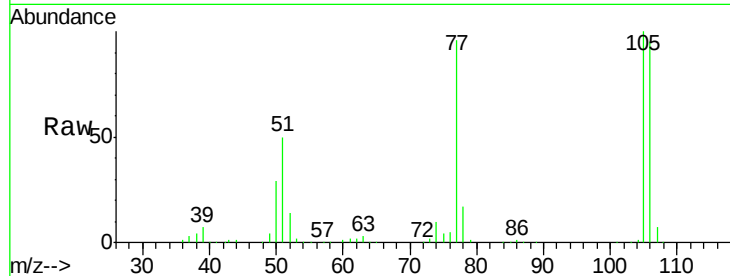
Tot Ion: 77 Resp: 210733

Ion Ratio Lower Upper

77 100

105 104.3 81.1 121.1

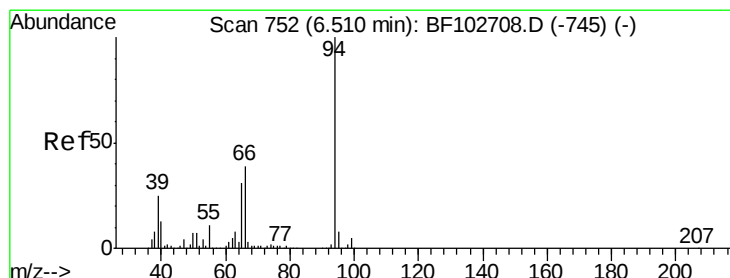
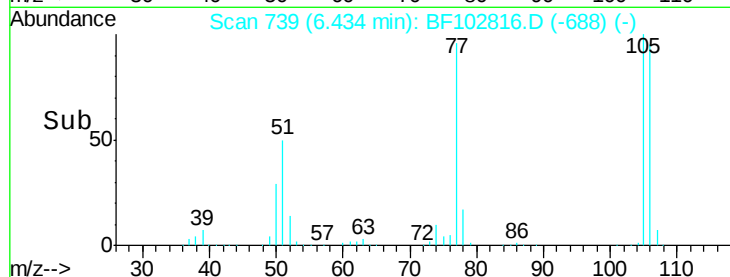
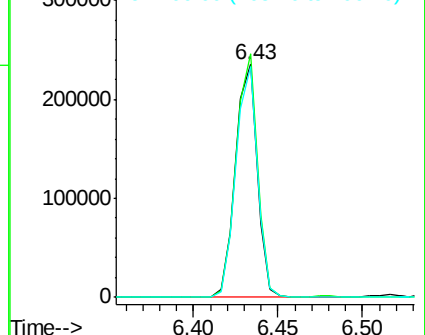
106 99.2 74.5 114.5



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: 14.64 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

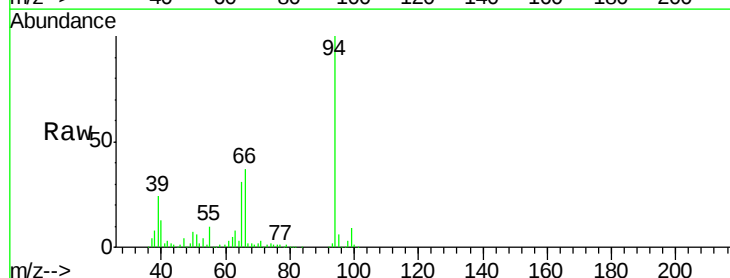
Tgt Ion: 94 Resp: 253345

Ion Ratio Lower Upper

94 100

65 30.5 7.9 47.9

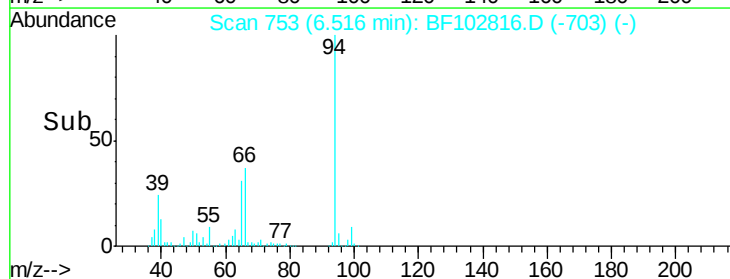
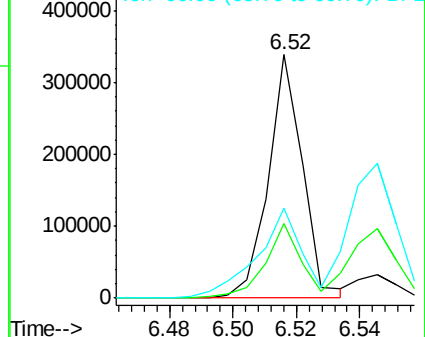
66 36.9 16.2 56.2

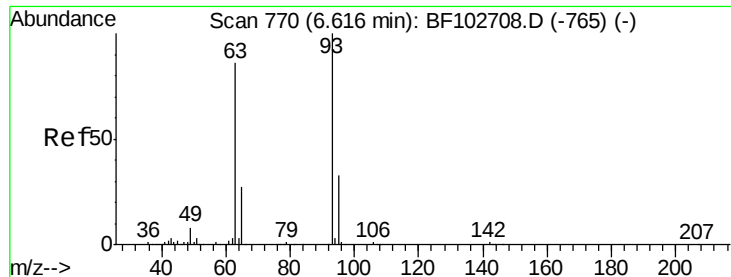


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 43.12 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

ClientSampled :

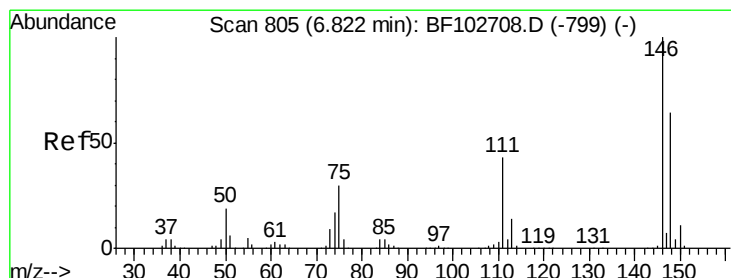
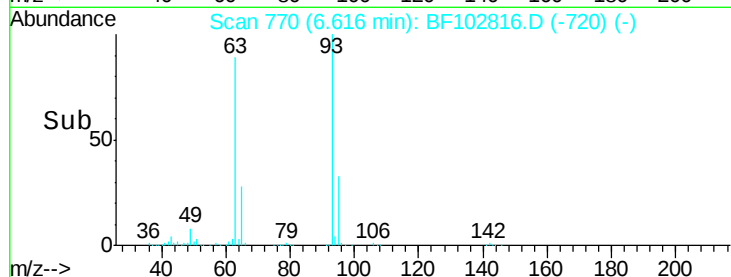
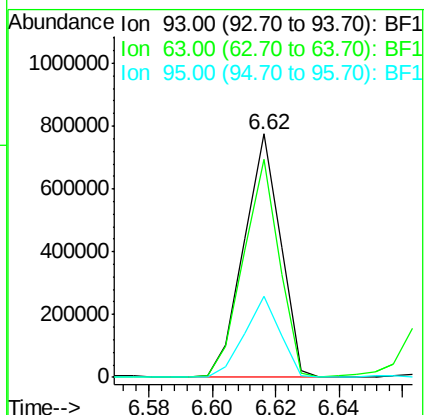
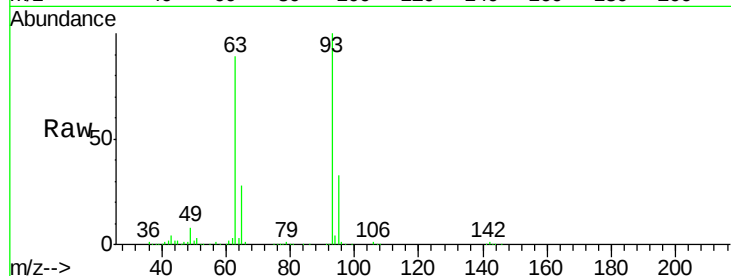
Tot Ion: 93 Resp: 621007

Ion Ratio Lower Upper

93 100

63 89.4 58.6 98.6

95 33.2 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 38.62 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

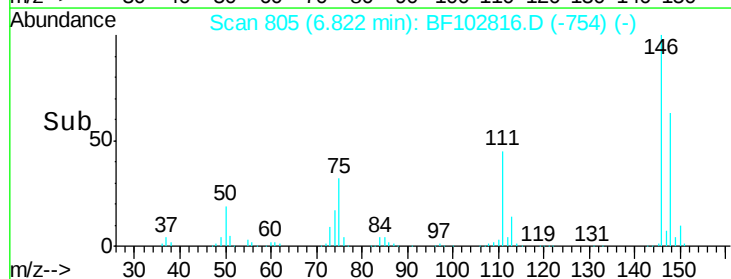
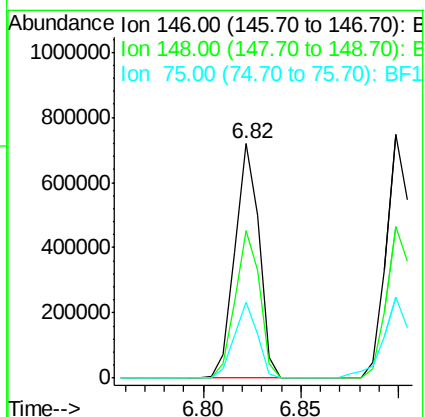
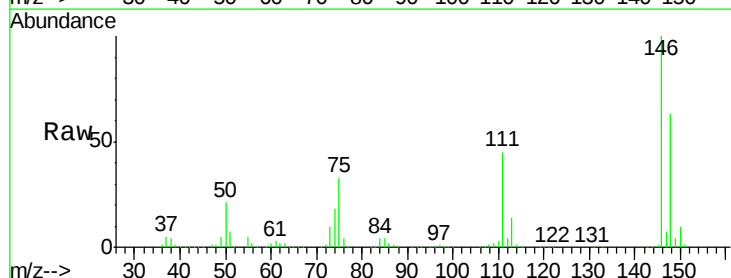
Tgt Ion: 146 Resp: 617512

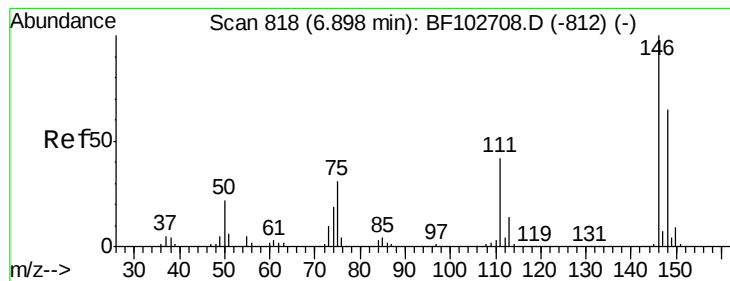
Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.8

75 32.7 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.13 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

ClientSampled :

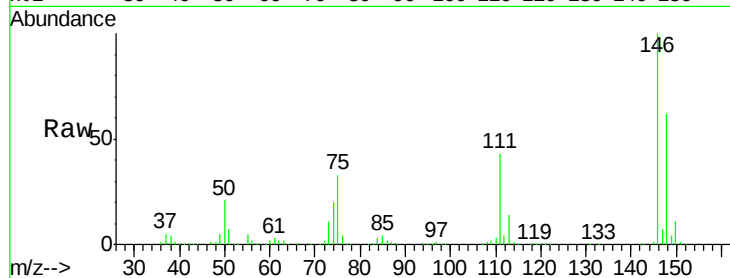
Tot Ion:146 Resp: 623332

Ion Ratio Lower Upper

146 100

148 62.4 50.8 76.2

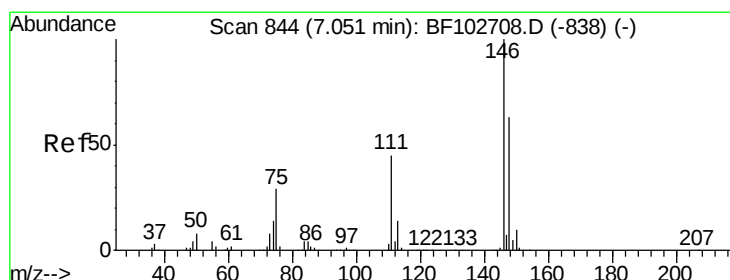
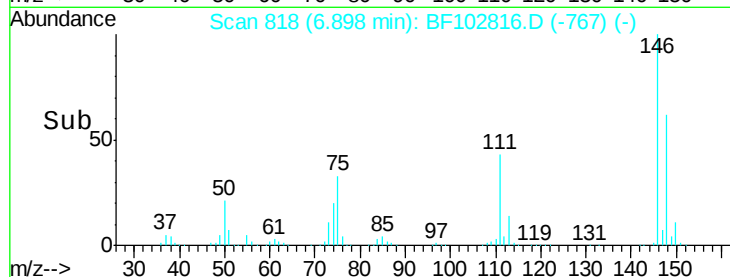
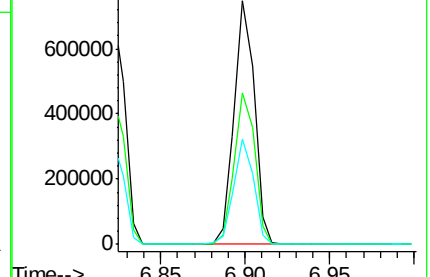
111 43.3 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.90 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

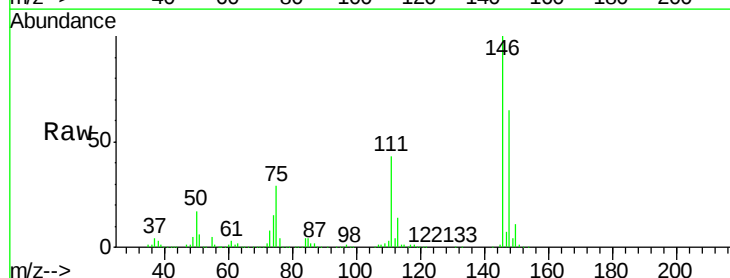
Tgt Ion:146 Resp: 577123

Ion Ratio Lower Upper

146 100

148 64.9 50.6 75.8

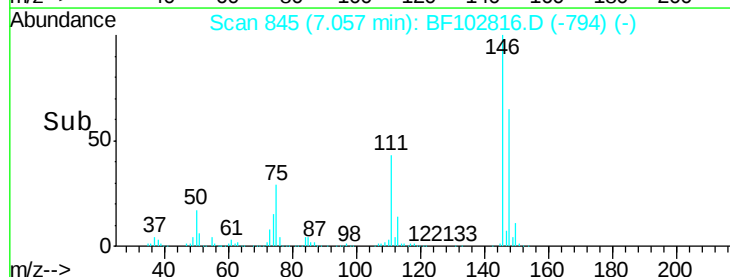
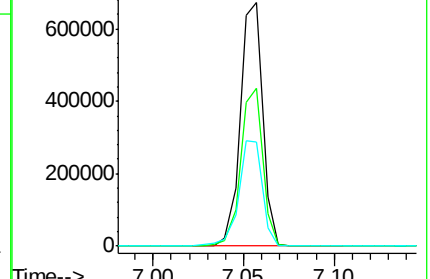
111 42.8 36.0 54.0

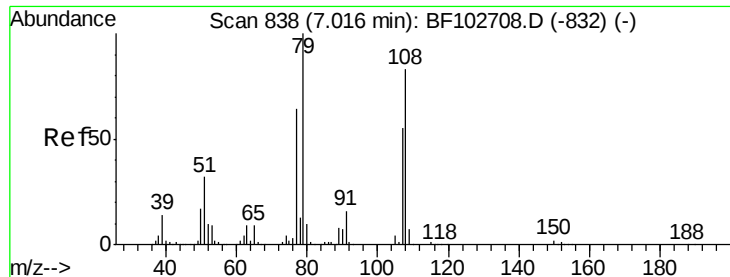


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

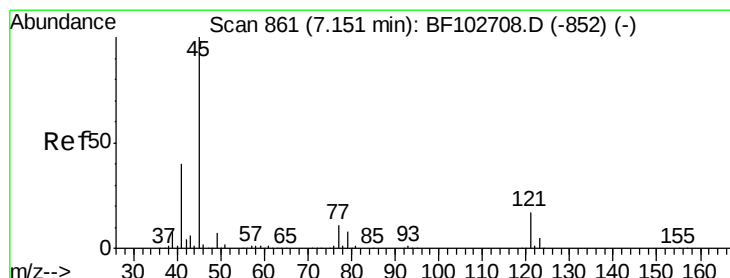
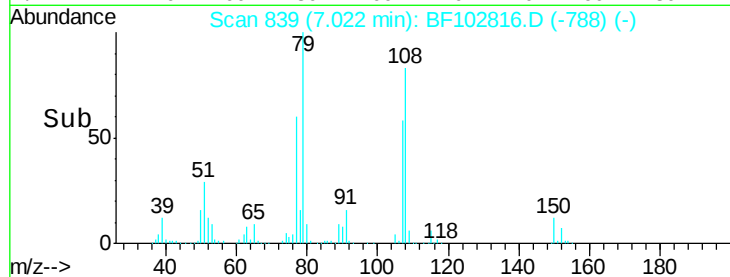
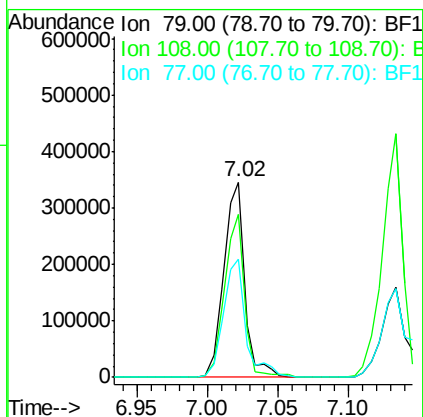
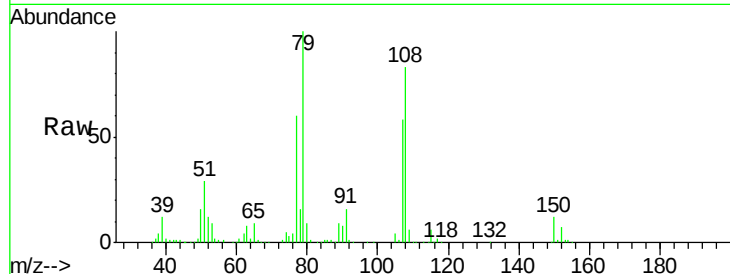




#15
Benzyl Alcohol
Concen: 28.73 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

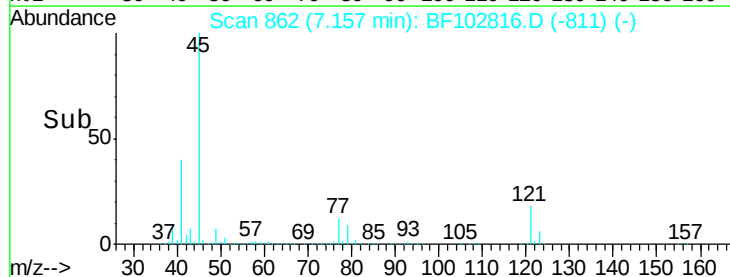
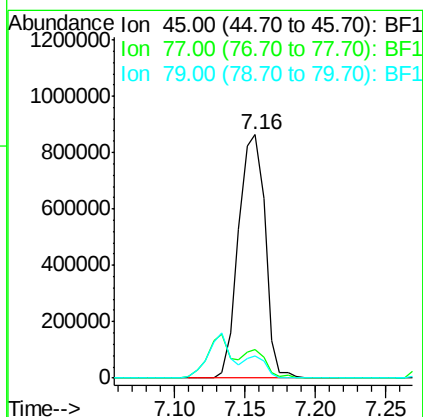
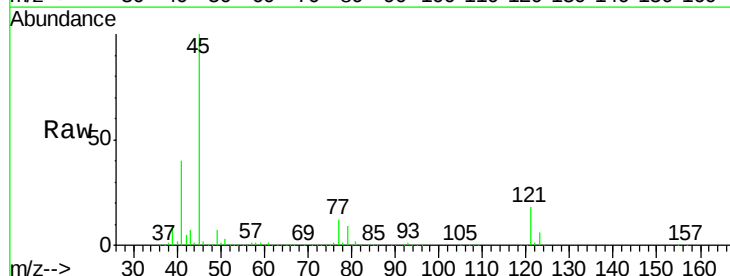
Instrument :
BNA_F
ClientSampled :

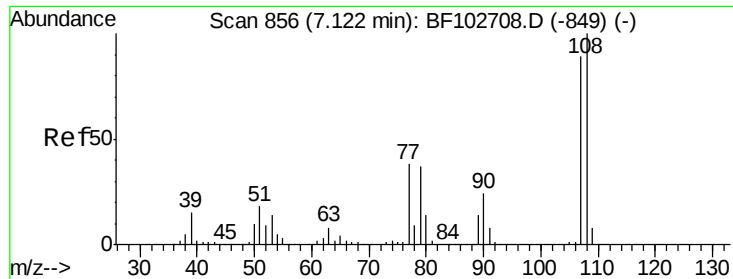
Tot Ion	Ratio	Lower	Upper
79	100		
108	83.2	65.1	97.7
77	60.4	50.6	75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.58 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	32.9
79	9.1	0.0	29.6

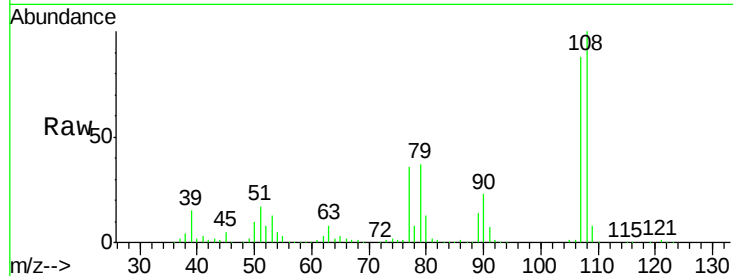




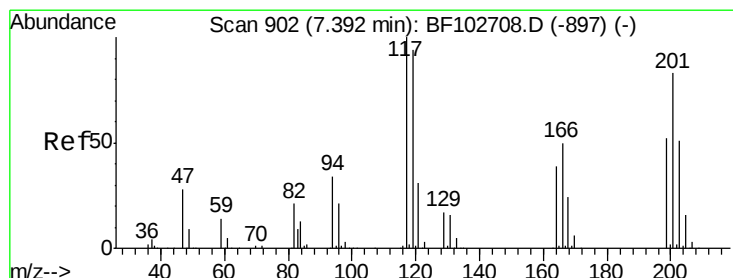
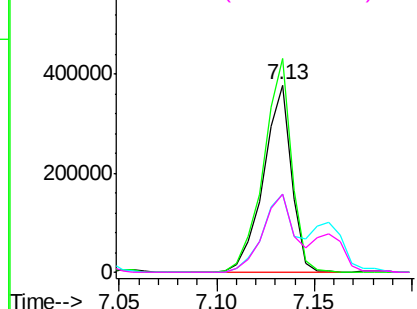
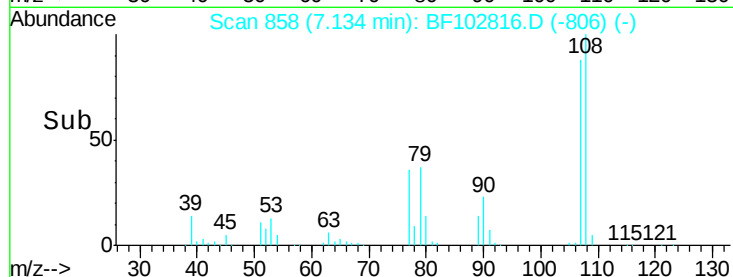
#17
2-Methylphenol
Concen: 29.58 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 376778
Ion Ratio Lower Upper
107 100
108 114.2 91.7 137.5
77 41.4 33.8 50.8
79 42.0 33.8 50.8

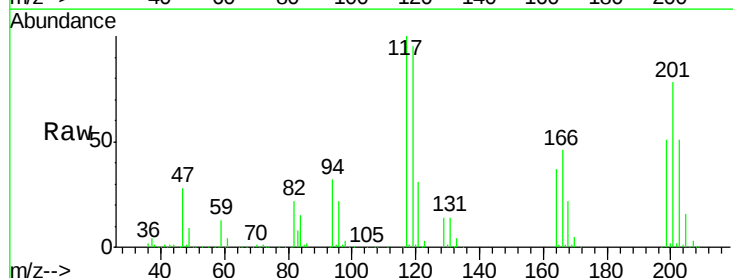


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

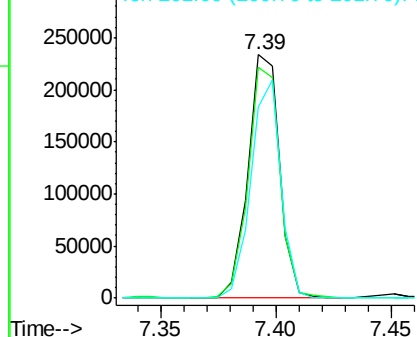
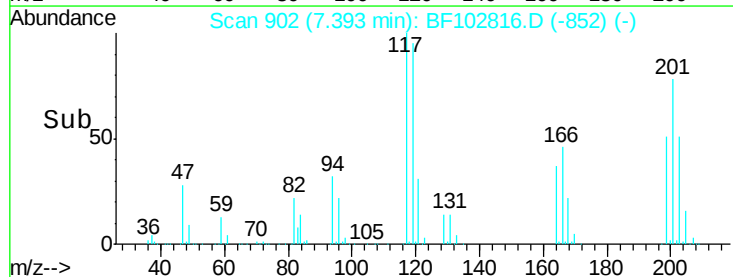


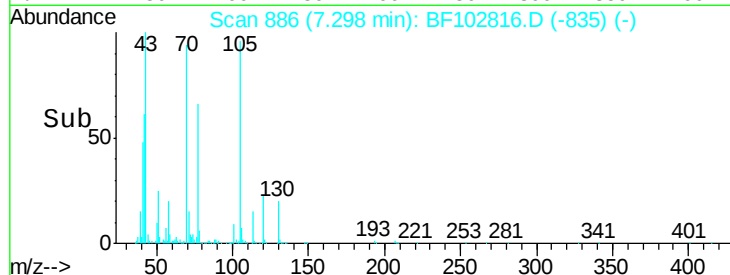
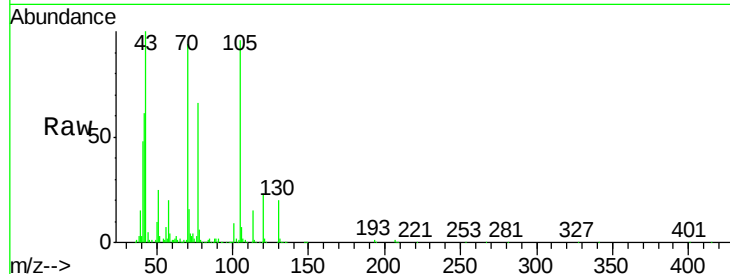
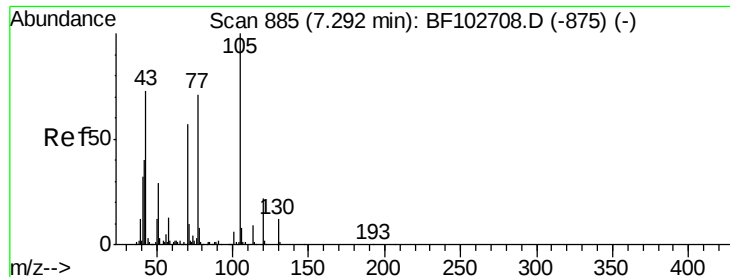
#18
Hexachloroethane
Concen: 40.93 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion:117 Resp: 223552
Ion Ratio Lower Upper
117 100
119 95.0 75.8 113.8
201 78.3 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

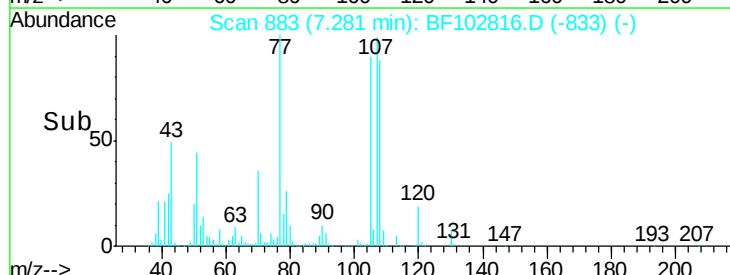
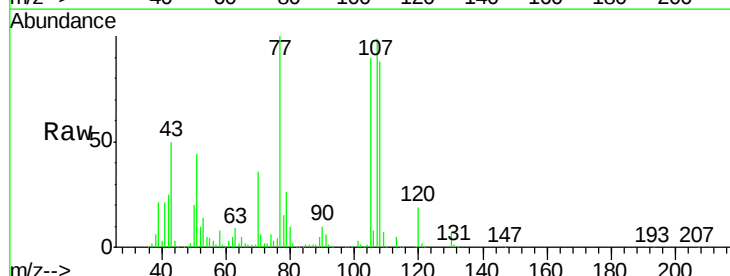
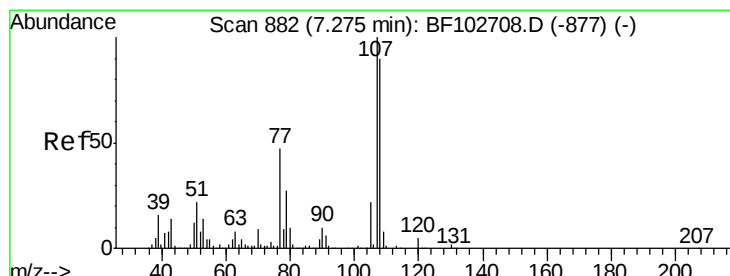
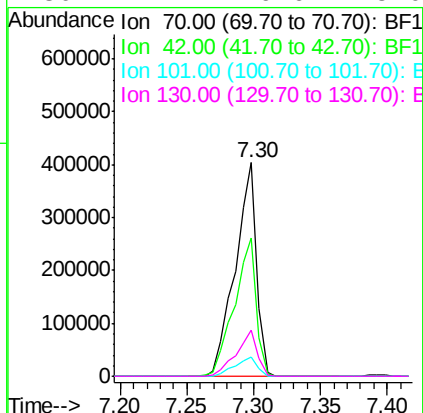




#19
n-Nitroso-di-n-propylamine
Concen: 42.74 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

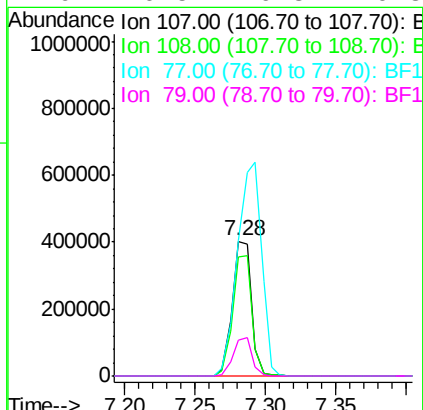
Instrument :
BNA_F
ClientSampleId :

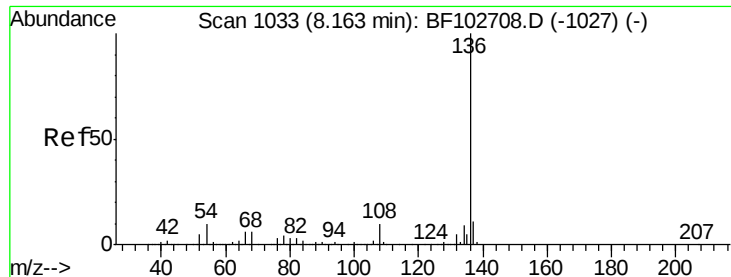
Tot Ion	Ratio	Lower	Upper
70	100		
42	64.5	47.5	71.3
101	9.2	7.4	11.2
130	21.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 24.35 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.2	108.2
77	101.0	26.7	66.7
79	26.5	6.3	46.3

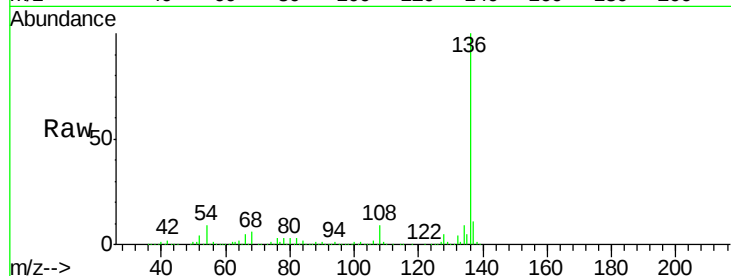




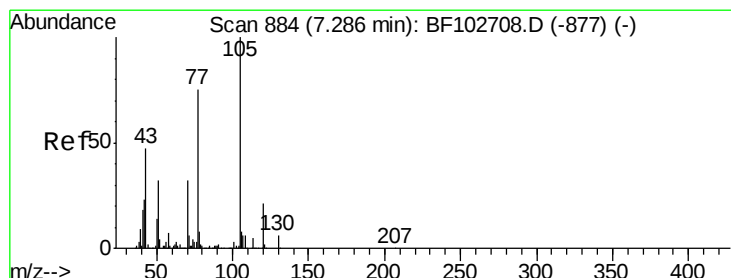
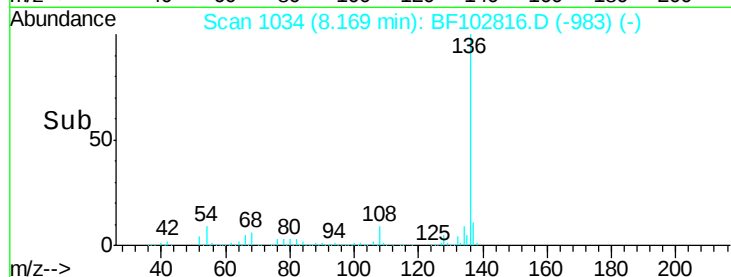
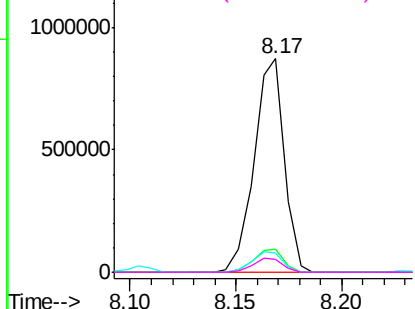
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	865546
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.9	13.3
54 8.8	6.6	9.8
68 5.9	5.0	7.4

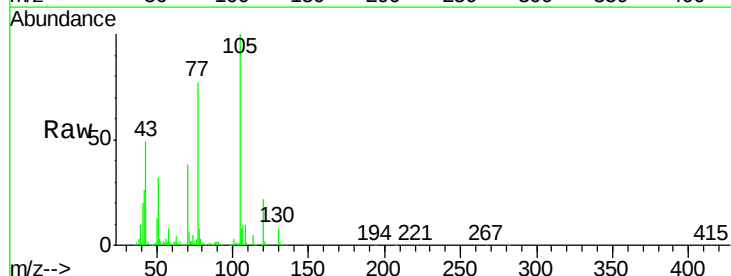


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

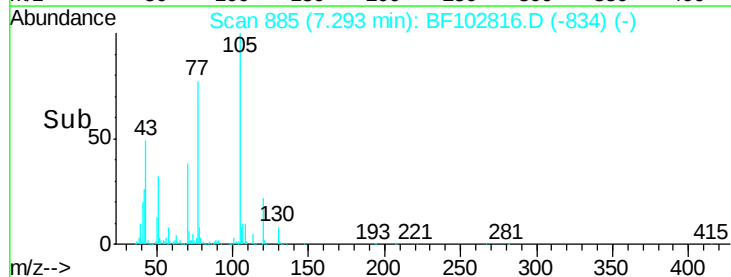
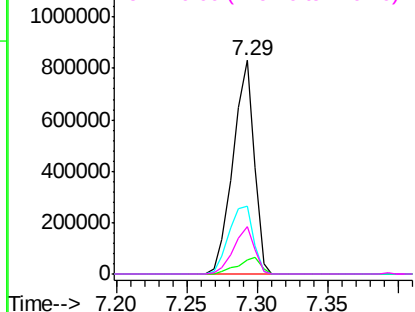


#22
Acetophenone
Concen: 40.96 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion:105	Resp:	867468	
Ion Ratio	Lower	Upper	
105 100			
71	6.4	4.4	6.6
51	31.6	22.3	33.5
120	22.1	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

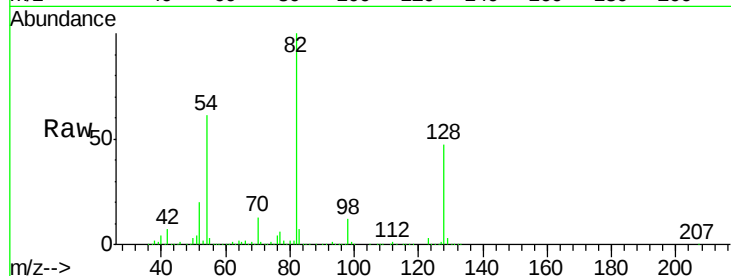




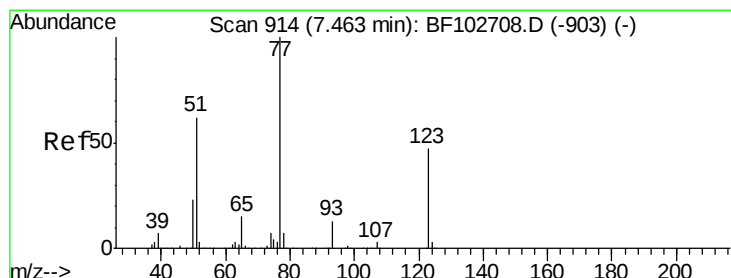
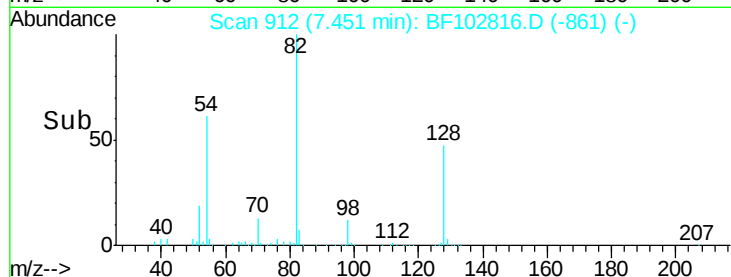
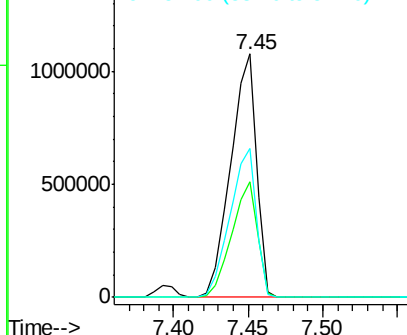
#23
Nitrobenzene-d5
Concen: 104.77 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Instrument :
BNA_F
ClientSampleID :

Tot Ion: 82 Resp: 1307262
Ion Ratio Lower Upper
82 100
128 47.5 36.1 54.1
54 61.0 41.4 62.2

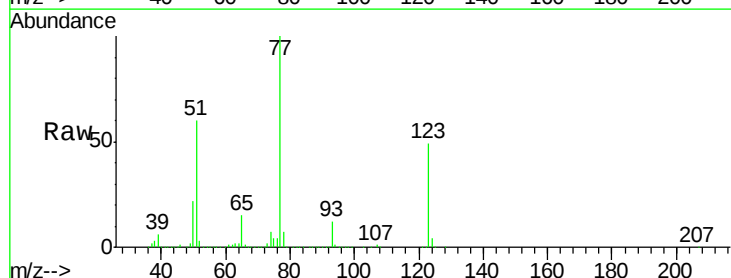


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

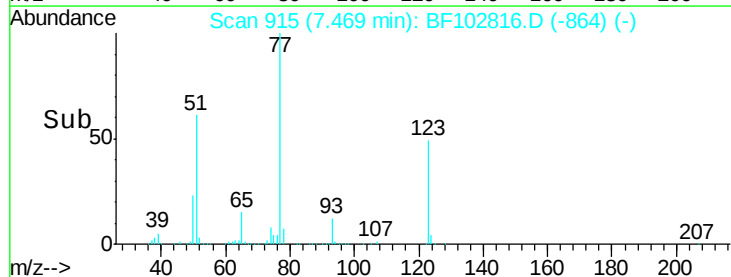
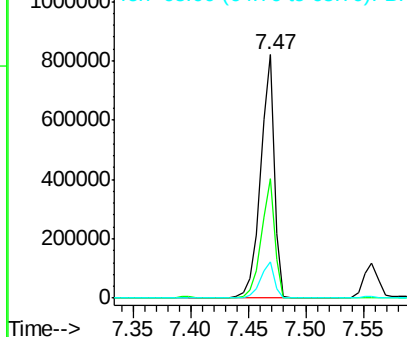


#24
Nitrobenzene
Concen: 46.94 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion: 77 Resp: 688940
Ion Ratio Lower Upper
77 100
123 49.2 37.9 56.9
65 14.8 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 45.41 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :
BNA_F
ClientSampleId :

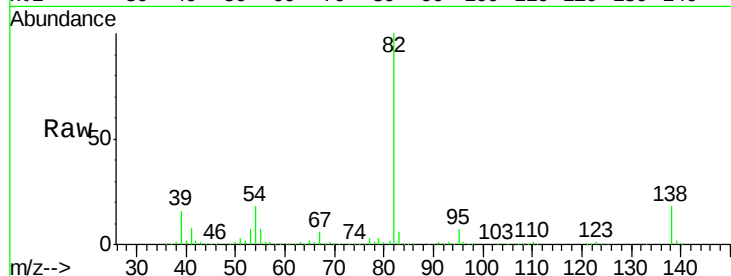
Tot Ion: 82 Resp: 1304518

Ion Ratio Lower Upper

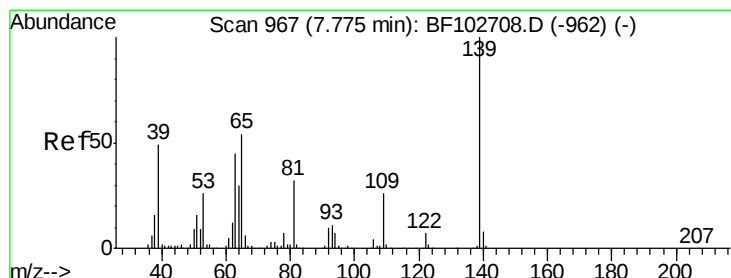
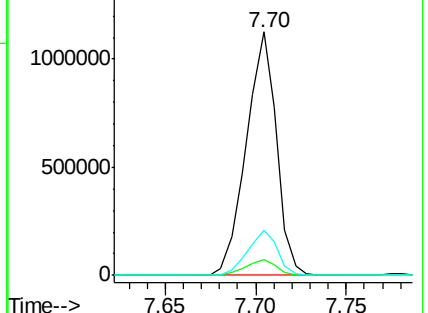
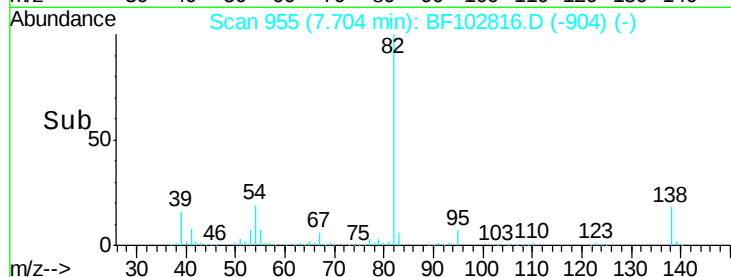
82 100

95 6.7 5.2 7.8

138 18.3 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 57.09 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

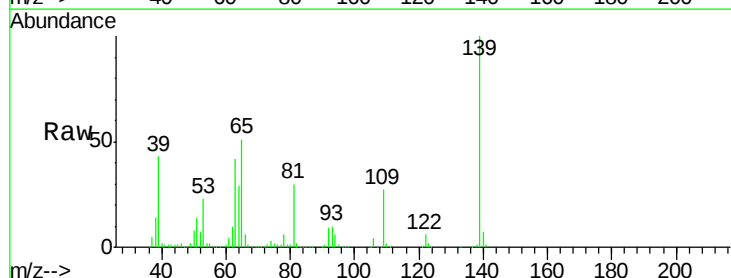
Tgt Ion: 139 Resp: 356289

Ion Ratio Lower Upper

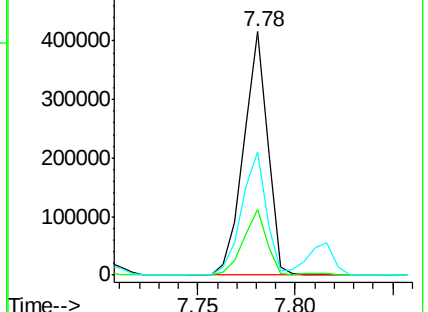
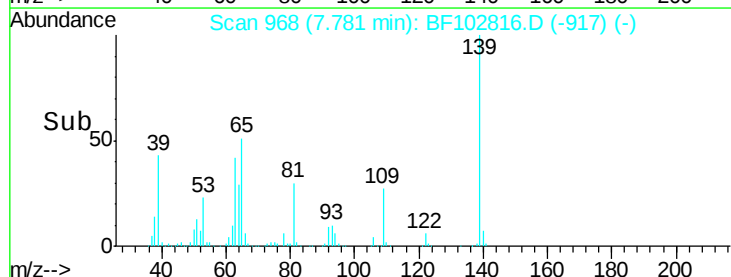
139 100

109 26.8 22.7 34.1

65 50.7 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 43.68 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

ClientSampleId :

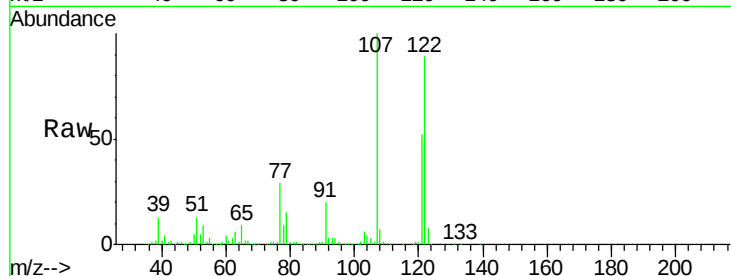
Tot Ion:122 Resp: 530133

Ion Ratio Lower Upper

122 100

107 113.0 91.2 136.8

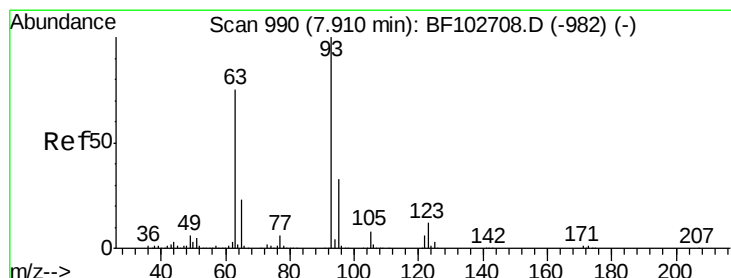
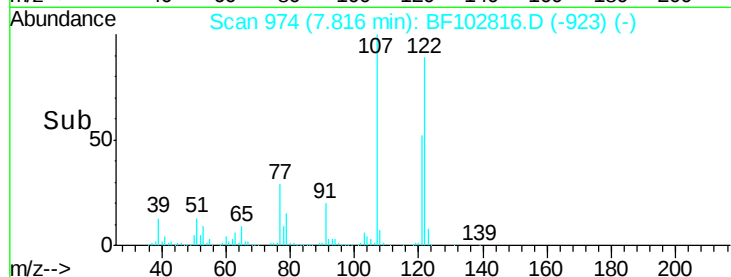
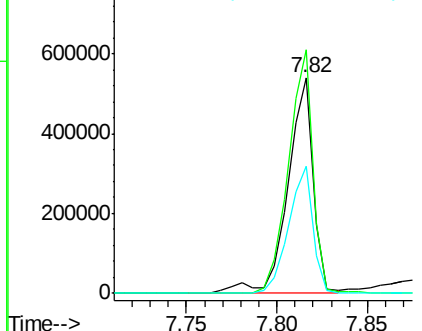
121 59.1 47.2 70.8



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: 47.52 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

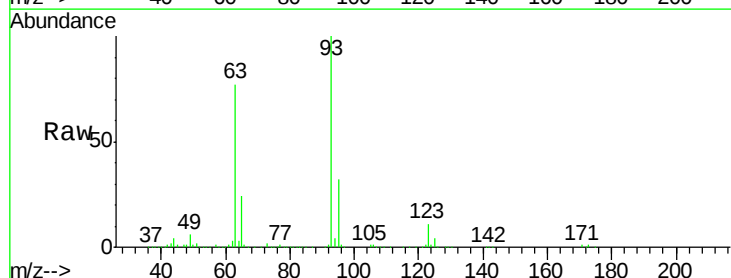
Tgt Ion: 93 Resp: 808846

Ion Ratio Lower Upper

93 100

95 31.9 26.3 39.5

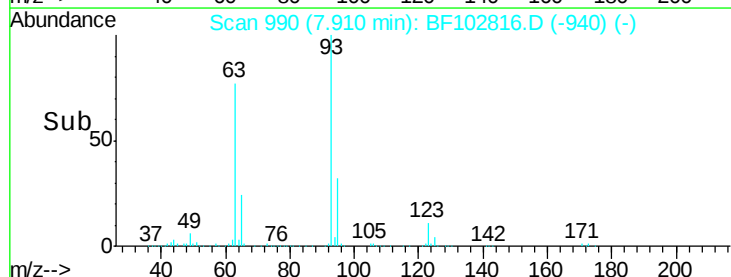
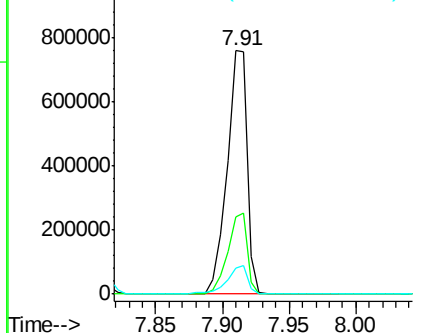
123 10.8 9.8 14.6



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

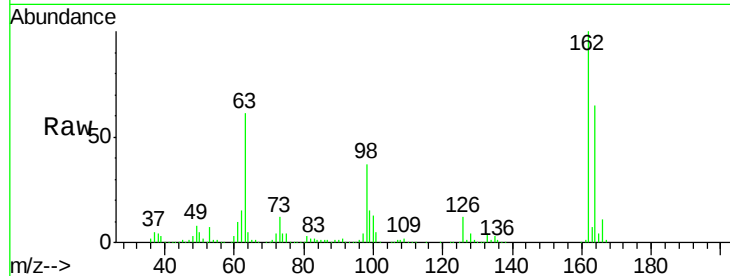




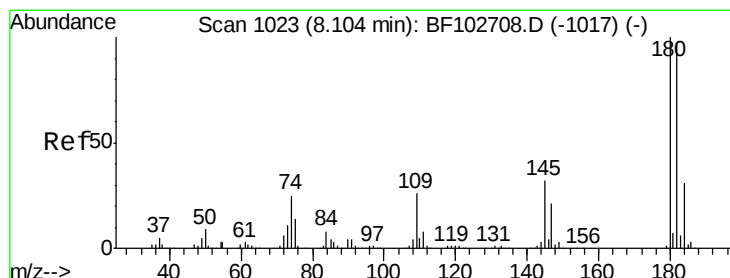
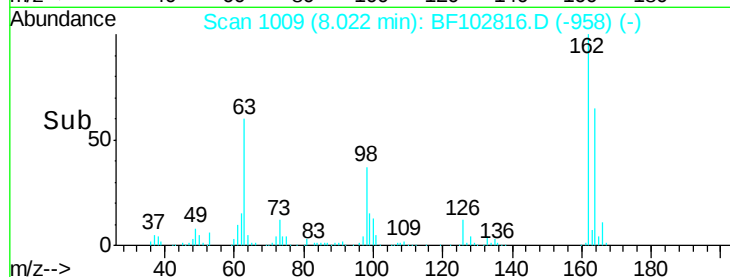
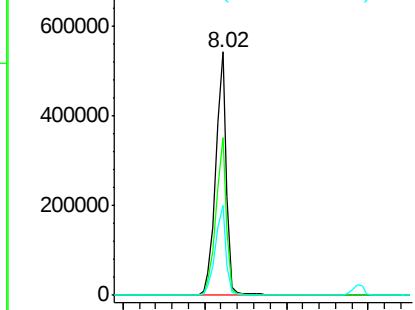
#29
 2,4-Dichlorophenol
 Concen: 45.14 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF102816.D
 Acq: 7 Feb 2018 15:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	42.7	82.7
98	37.1	18.1	58.1

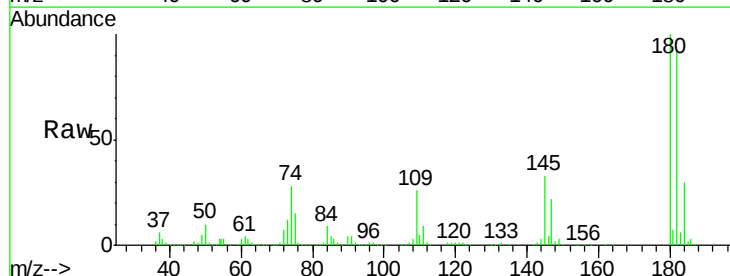


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

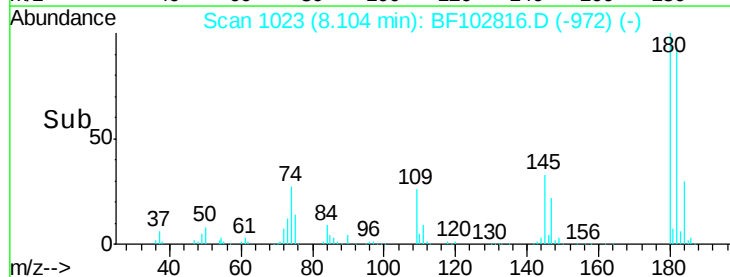
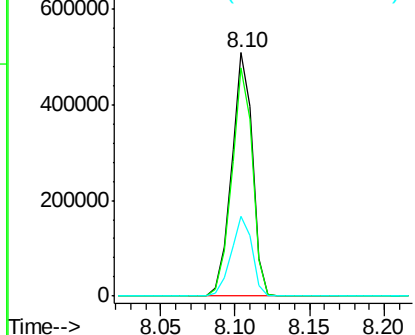


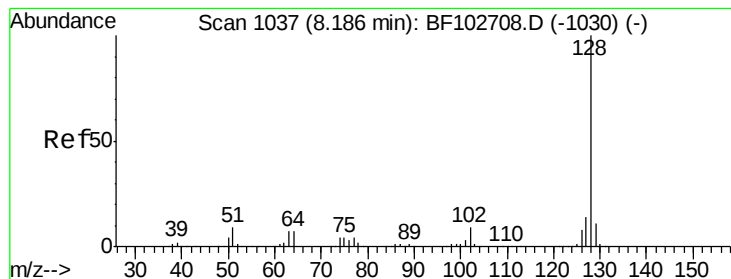
#30
 1,2,4-Trichlorobenzene
 Concen: 40.06 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF102816.D
 Acq: 7 Feb 2018 15:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.8	115.2
145	32.9	26.5	39.7



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





#31

Naphthalene

Concen: 40.95 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

ClientSampleId :

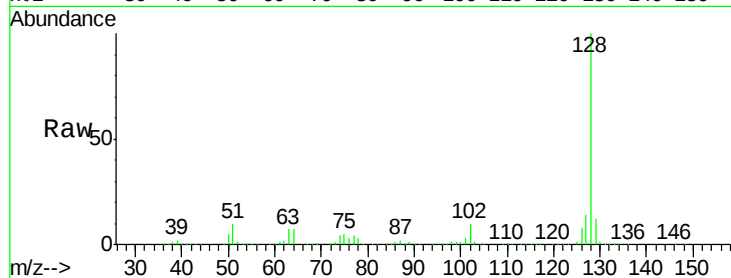
Tot Ion:128 Resp: 1731817

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

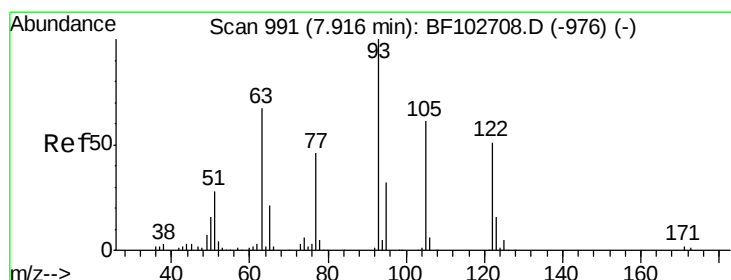
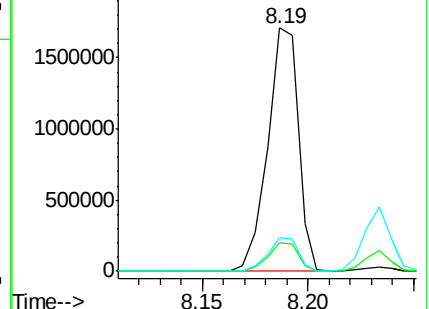
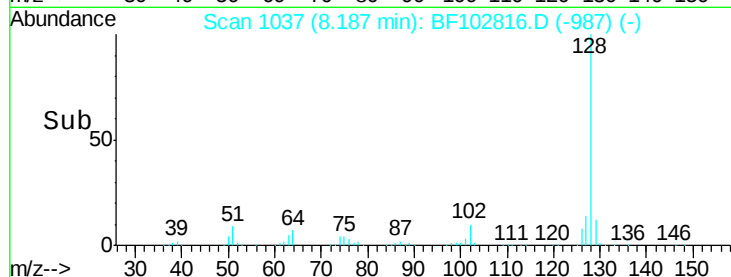
127 13.6 10.9 16.3



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: 21.27 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.04 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

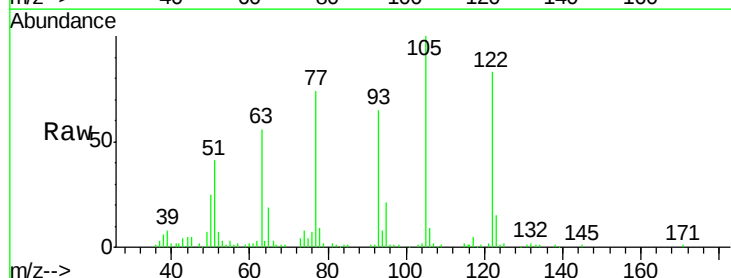
Tgt Ion:122 Resp: 119063

Ion Ratio Lower Upper

122 100

105 120.5 101.1 141.1

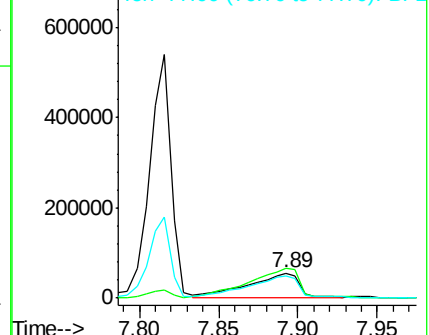
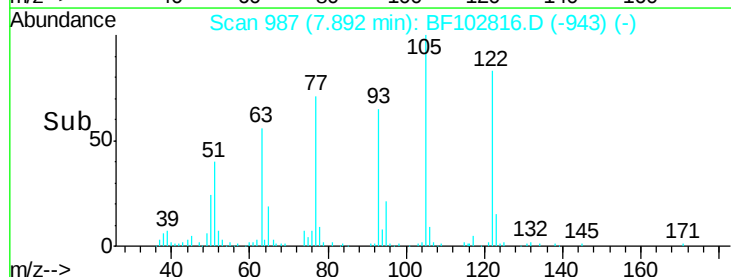
77 88.8 70.7 110.7

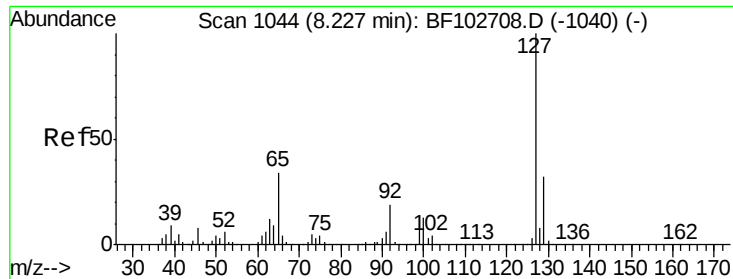


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

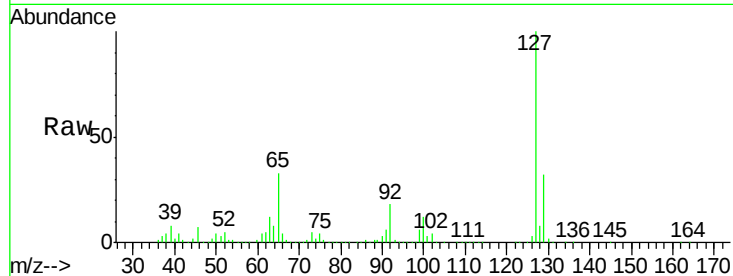




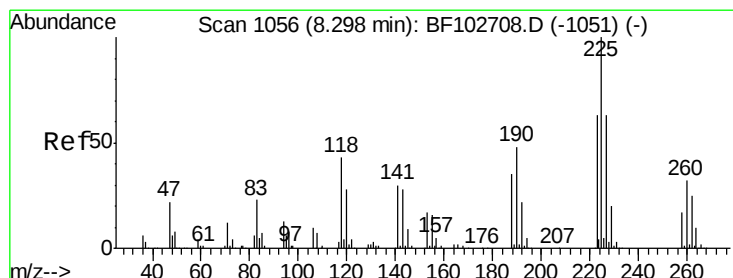
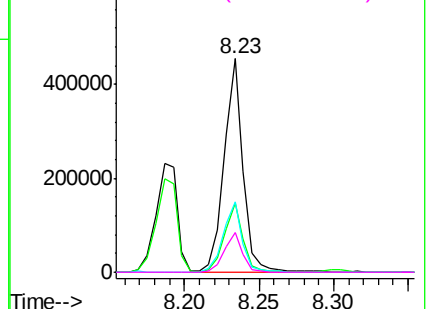
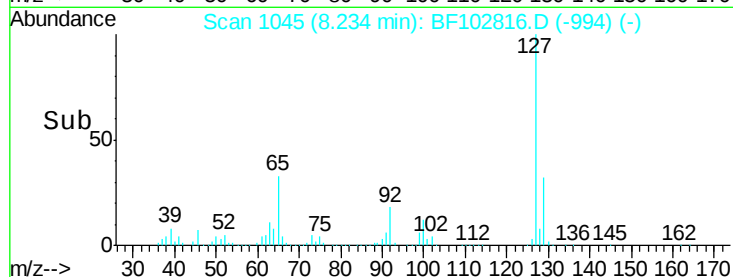
#33
4-Chloroaniline
Concen: 22.21 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 404704
Ion Ratio Lower Upper
127 100
129 32.1 25.9 38.9
65 32.7 25.0 37.4
92 18.4 15.2 22.8

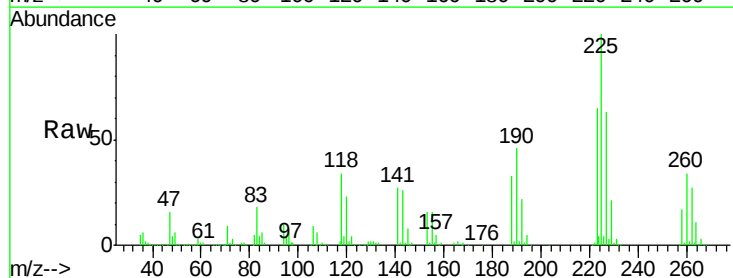


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

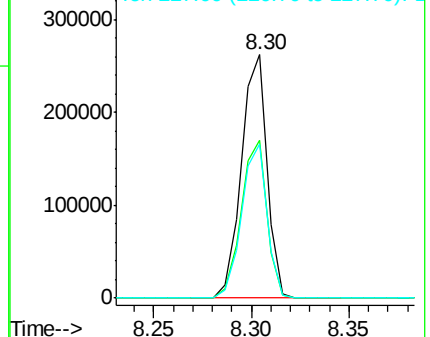
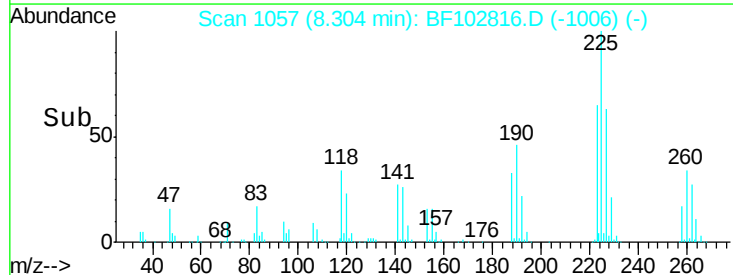


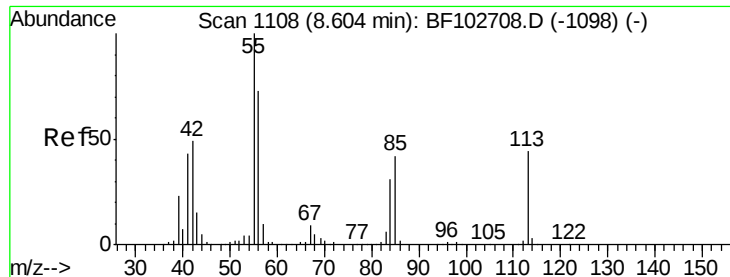
#34
Hexachlorobutadiene
Concen: 37.29 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion:225 Resp: 238524
Ion Ratio Lower Upper
225 100
223 64.6 50.6 76.0
227 63.4 51.9 77.9



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

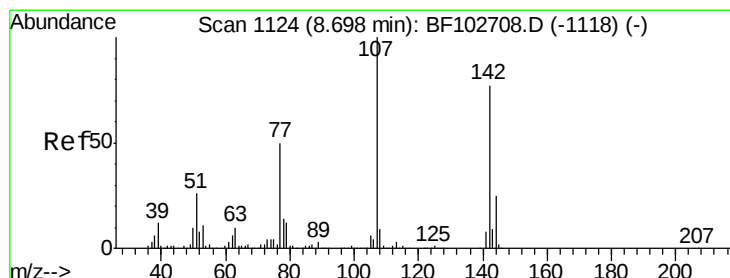
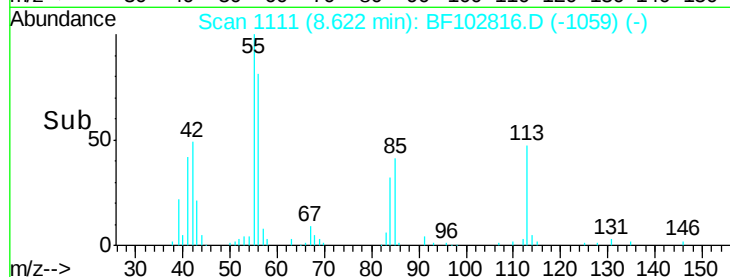
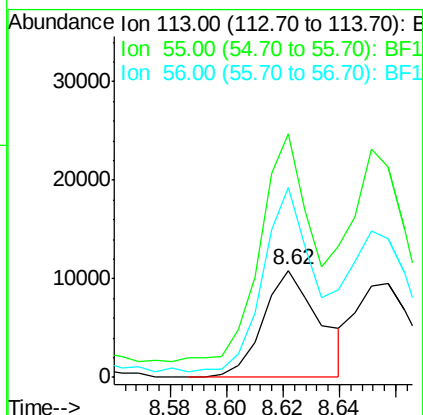
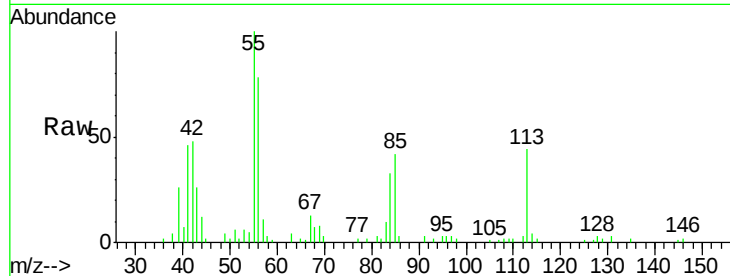




#35
 Caprolactam
 Concen: 3.91 ng
 RT: 8.62 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: BF102816.D
 Acq: 7 Feb 2018 15:36

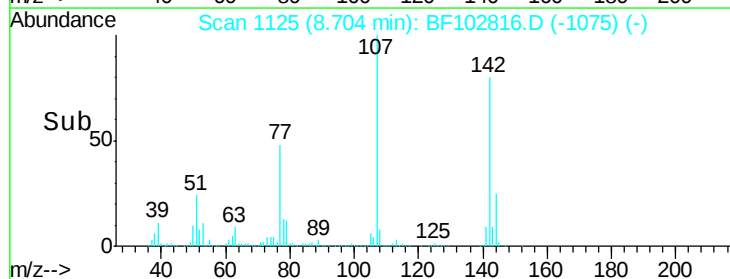
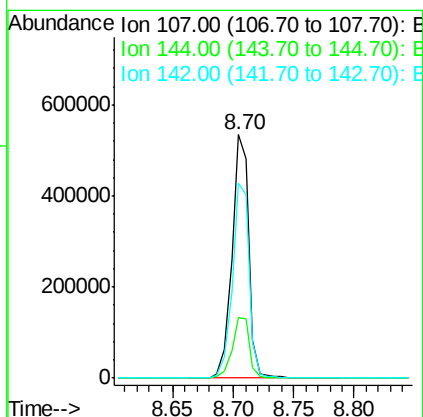
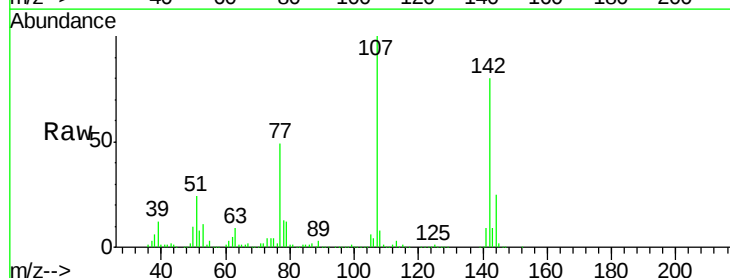
Instrument :
 BNA_F
 ClientSampled :

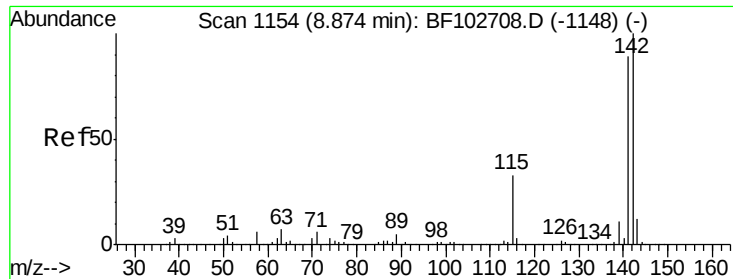
Tot Ion:113 Resp: 14976
 Ion Ratio Lower Upper
 113 100
 55 226.9 163.3 203.3#
 56 176.5 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 41.62 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF102816.D
 Acq: 7 Feb 2018 15:36

Tgt Ion:107 Resp: 516004
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.5 30.7
 142 79.9 62.0 93.0

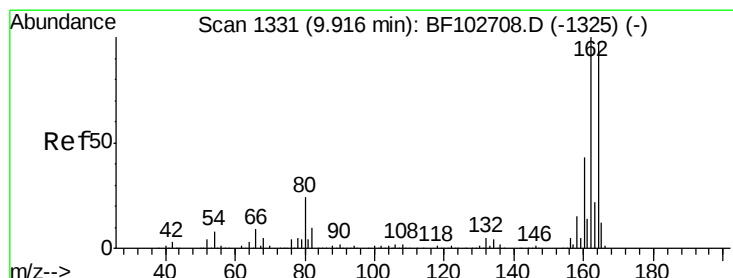
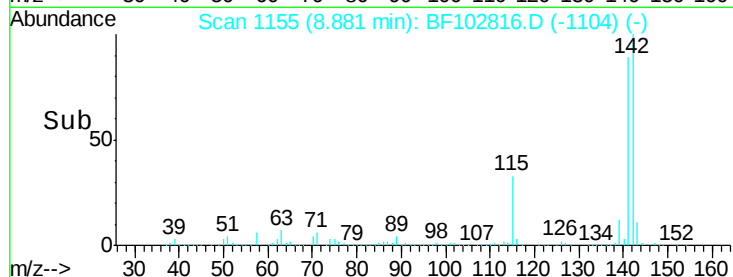
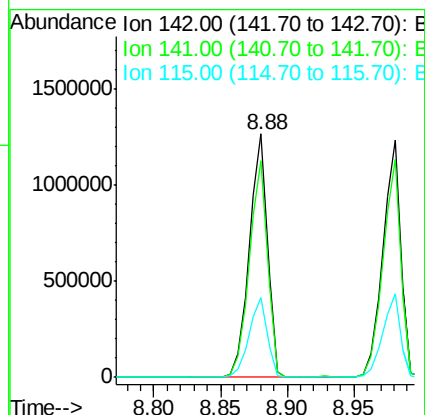
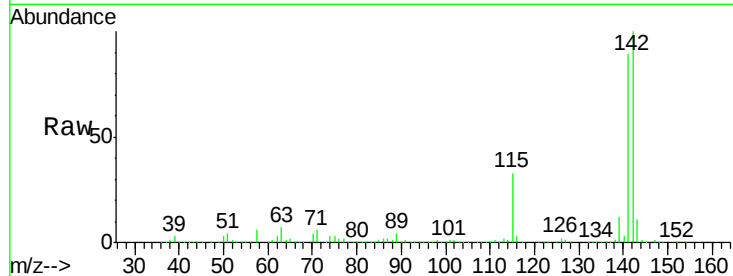




#37
2-Methylnaphthalene
Concen: 42.39 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

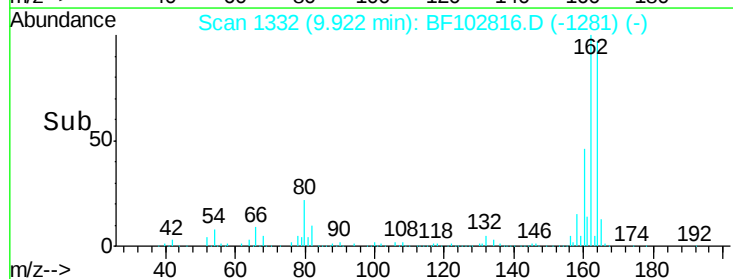
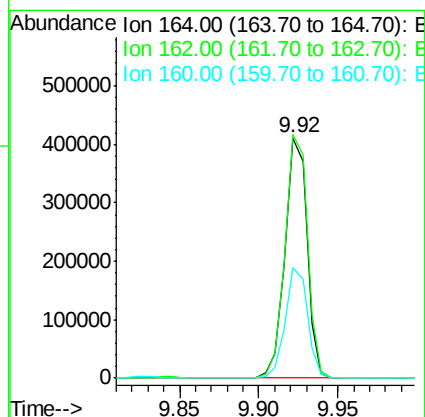
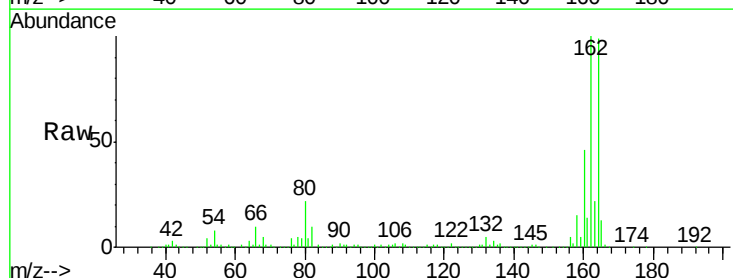
Instrument :
BNA_F
ClientSampleId :

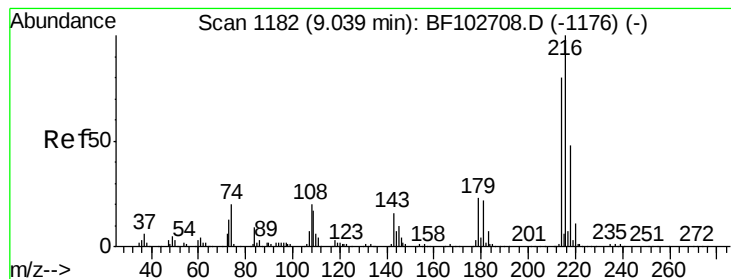
Tot Ion:142 Resp: 1173563
Ion Ratio Lower Upper
142 100
141 88.9 70.8 106.2
115 32.9 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion:164 Resp: 397294
Ion Ratio Lower Upper
164 100
162 101.3 86.1 129.1
160 46.2 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.43 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF102816.D

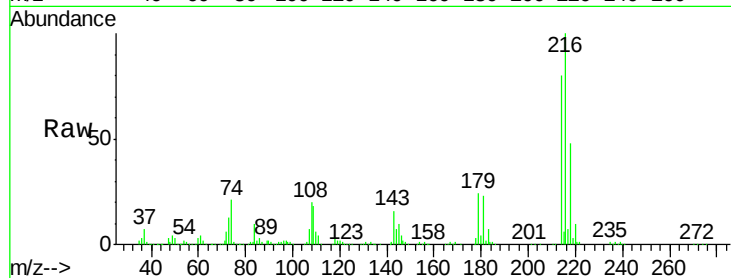
Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	448153
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	22.8	18.1	27.1
108	23.5	17.2	25.8



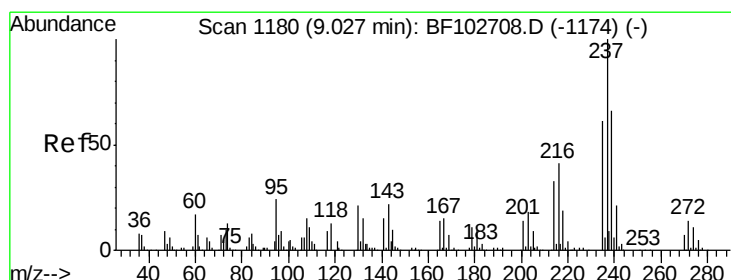
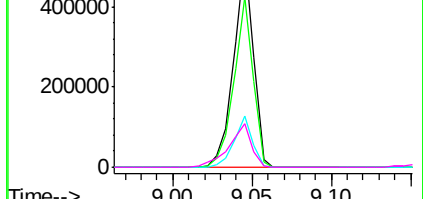
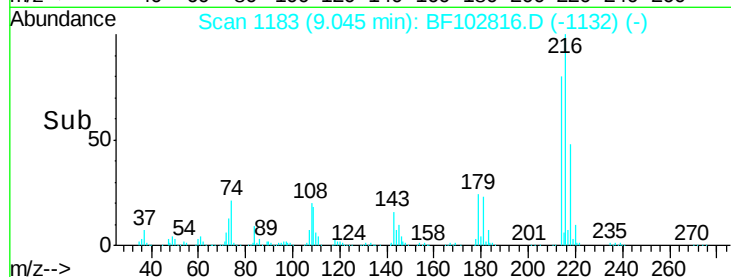
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

Time-->



#40

Hexachlorocyclopentadiene

Concen: 81.79 ng

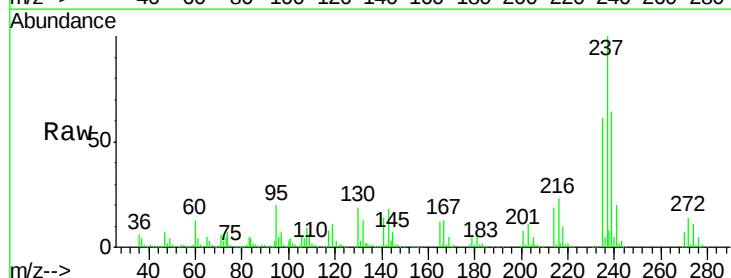
RT: 9.03 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Tgt Ion:	237	Resp:	420618
Ion	Ratio	Lower	Upper
237	100		
235	61.4	44.8	84.8
272	13.6	0.0	33.3

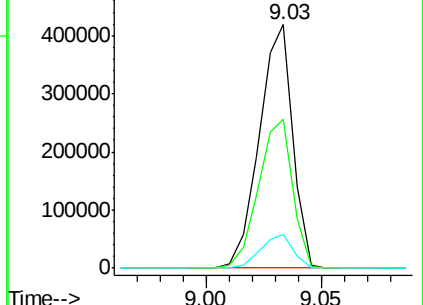
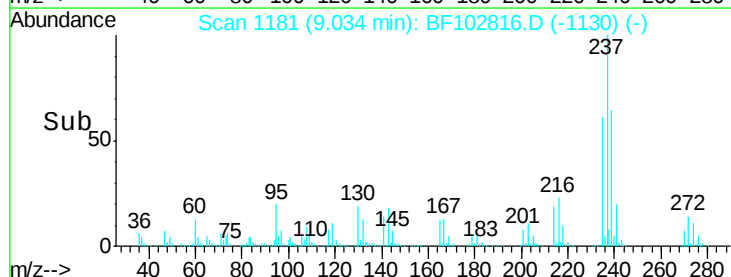


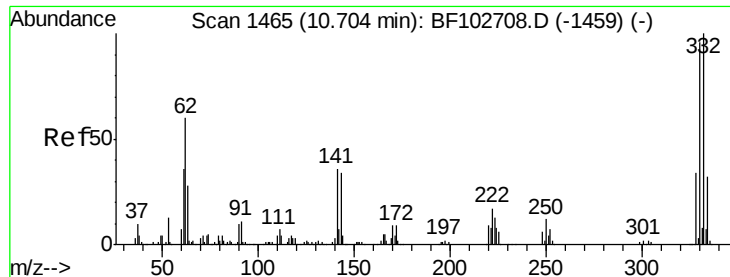
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

Time-->

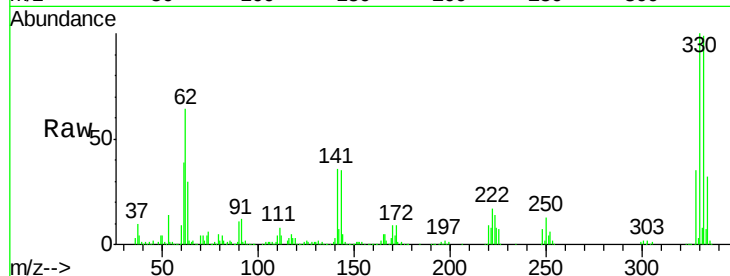




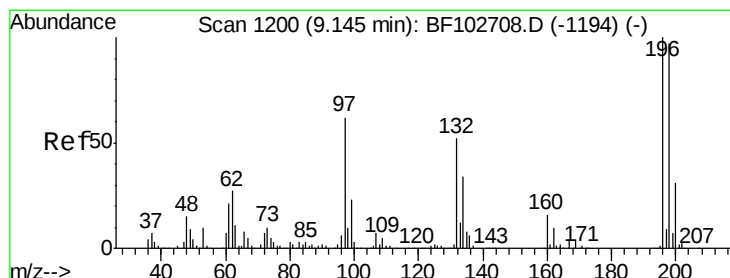
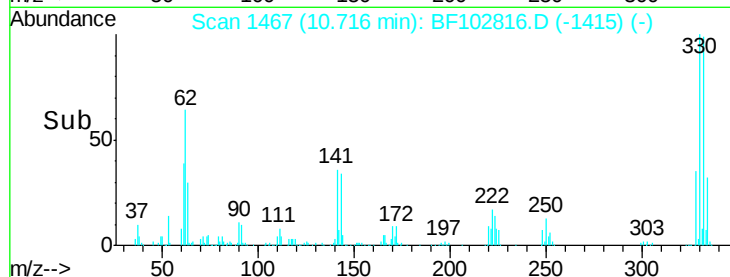
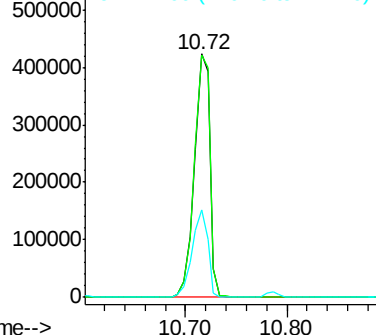
#41
 2,4,6-Tribromophenol
 Concen: 140.31 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102816.D
 Acq: 7 Feb 2018 15:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 448682
 Ion Ratio Lower Upper
 330 100
 332 101.2 77.0 115.6
 141 36.1 29.9 44.9

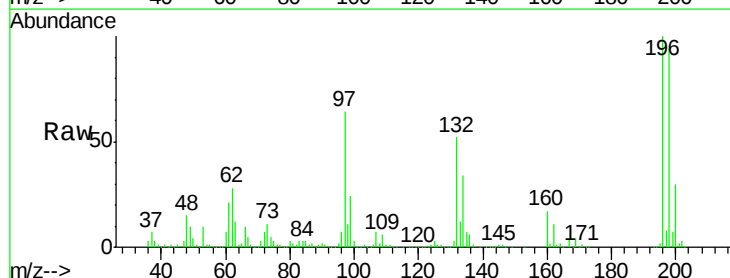


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

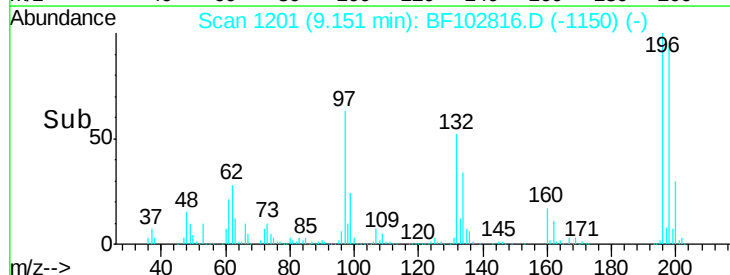
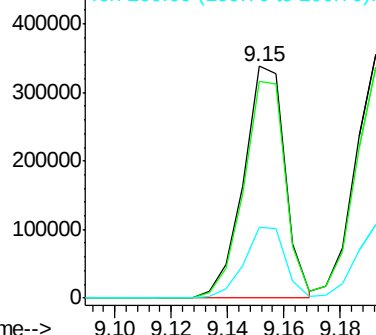


#42
 2,4,6-Trichlorophenol
 Concen: 48.53 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF102816.D
 Acq: 7 Feb 2018 15:36

Tgt Ion:196 Resp: 344847
 Ion Ratio Lower Upper
 196 100
 198 93.5 75.7 113.5
 200 30.3 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

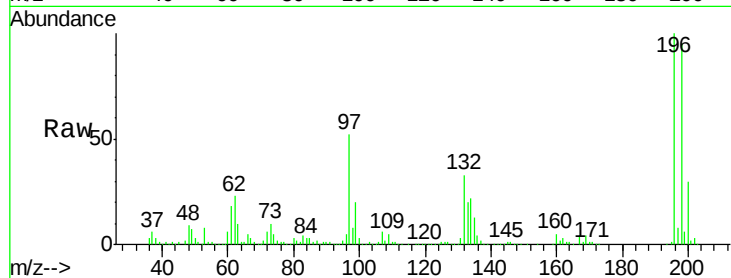




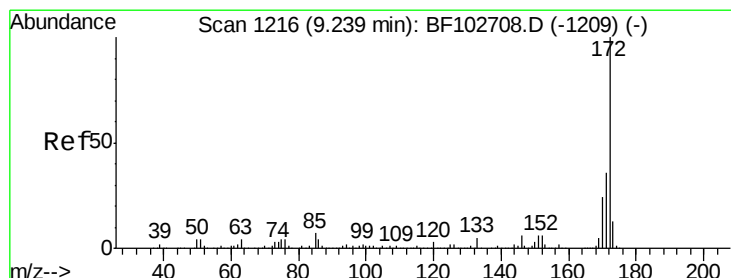
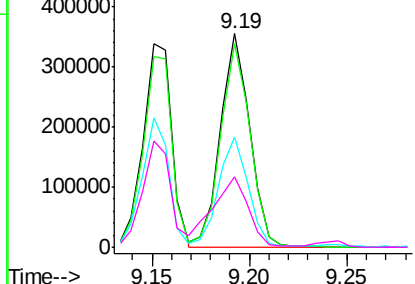
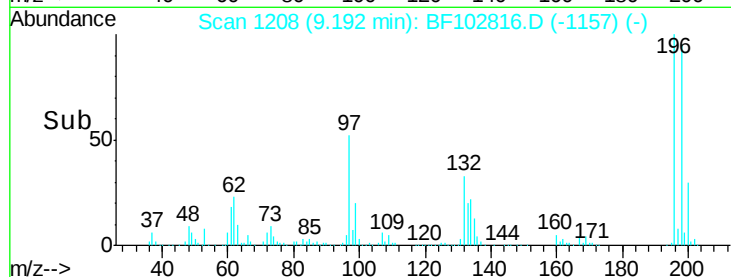
#43
 2,4,5-Trichlorophenol
 Concen: 46.10 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF102816.D
 Acq: 7 Feb 2018 15:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 369160
 Ion Ratio Lower Upper
 196 100
 198 95.0 74.6 112.0
 97 51.8 42.9 64.3
 132 32.8 26.3 39.5

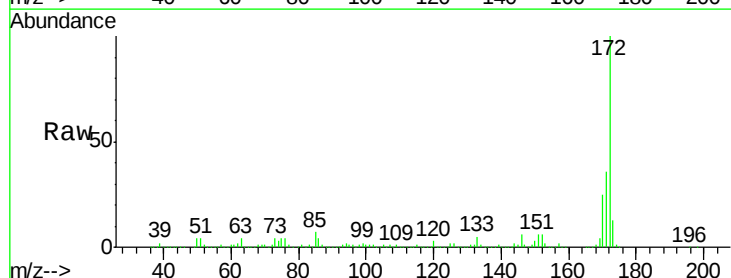


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

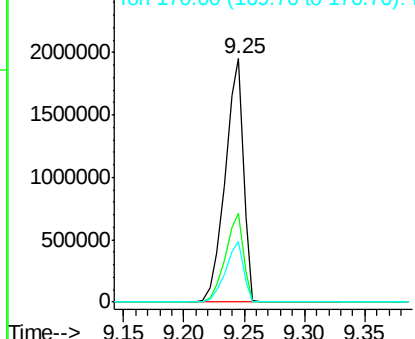
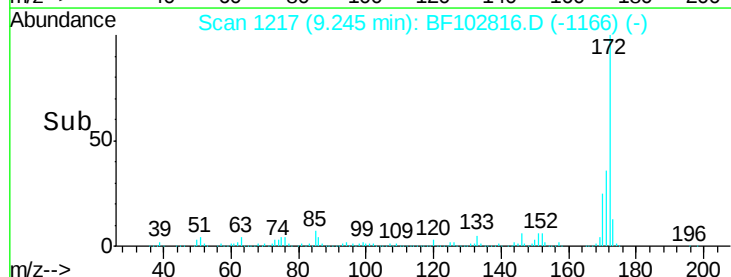


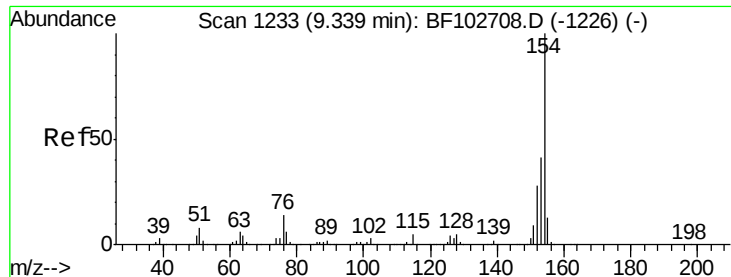
#44
 2-Fluorobiphenyl
 Concen: 84.79 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF102816.D
 Acq: 7 Feb 2018 15:36

Tgt Ion:172 Resp: 2030208
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.7 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: 40.45 ng

RT: 9.35 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

ClientSampleId :

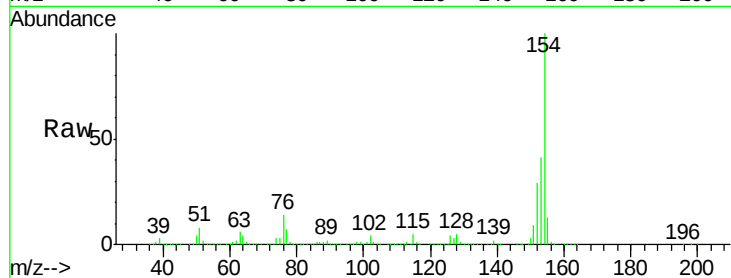
Tot Ion:154 Resp: 1353680

Ion Ratio Lower Upper

154 100

153 41.4 21.3 61.3

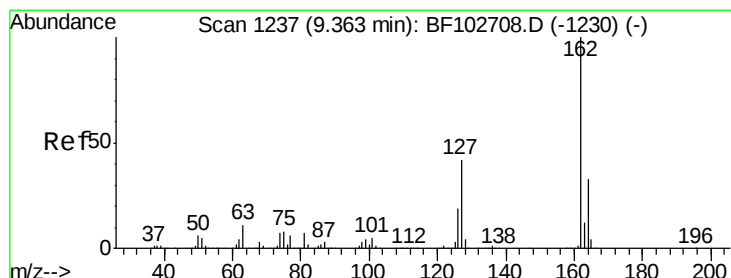
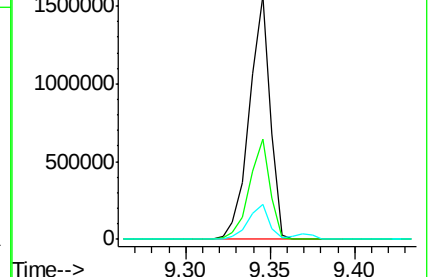
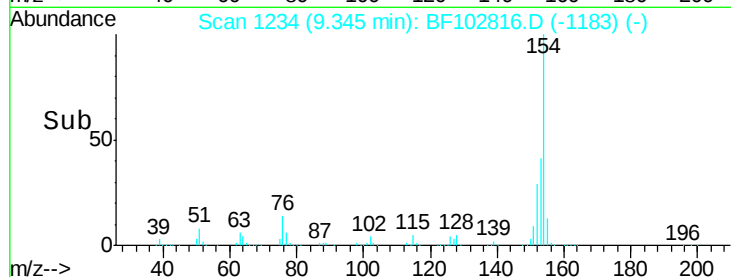
76 14.4 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 41.98 ng

RT: 9.37 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

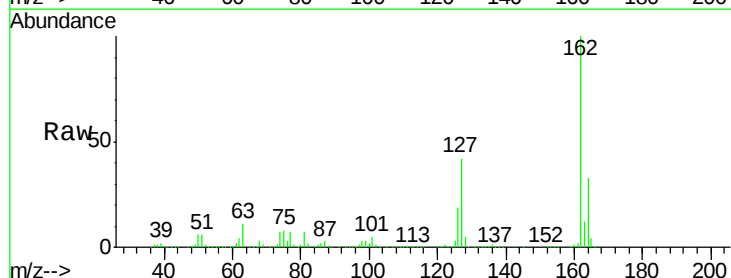
Tgt Ion:162 Resp: 1105908

Ion Ratio Lower Upper

162 100

127 42.0 33.9 50.9

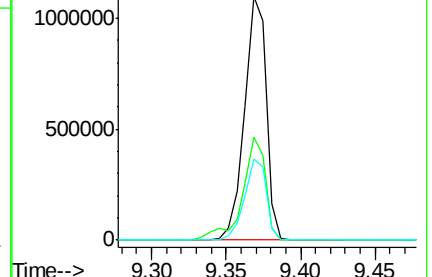
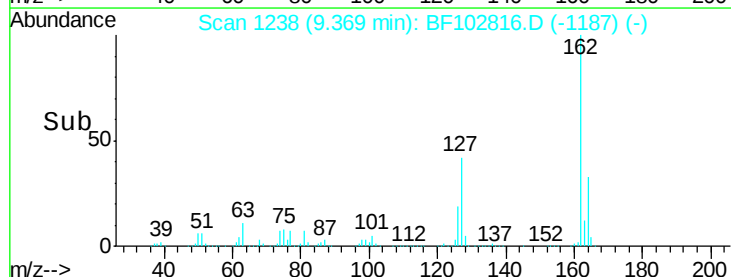
164 33.4 26.5 39.7

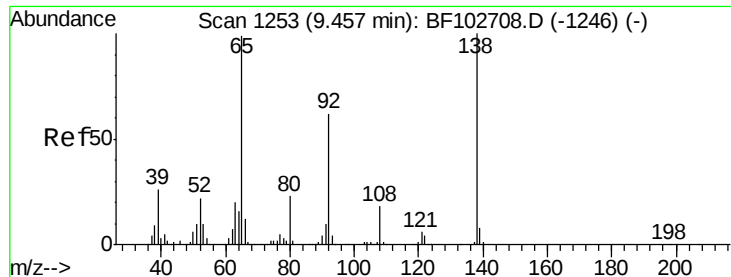


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 51.73 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

ClientSampleId :

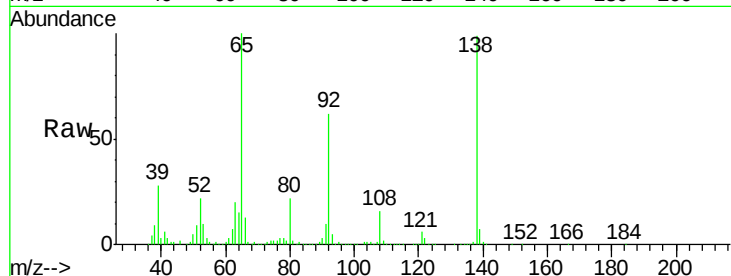
Tot Ion: 65 Resp: 422886

Ion Ratio Lower Upper

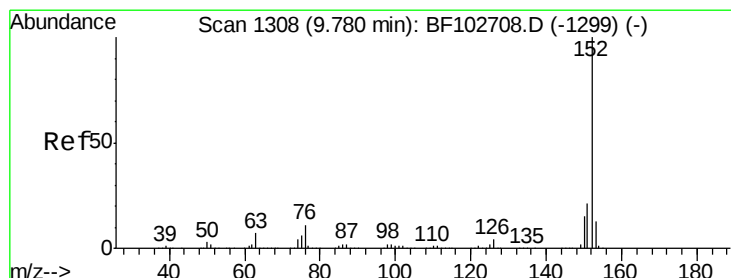
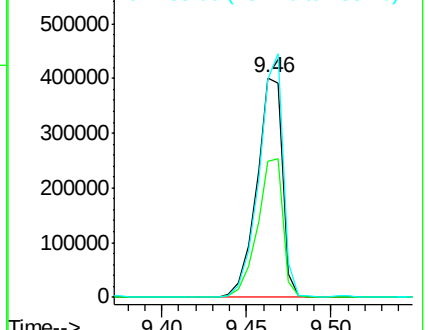
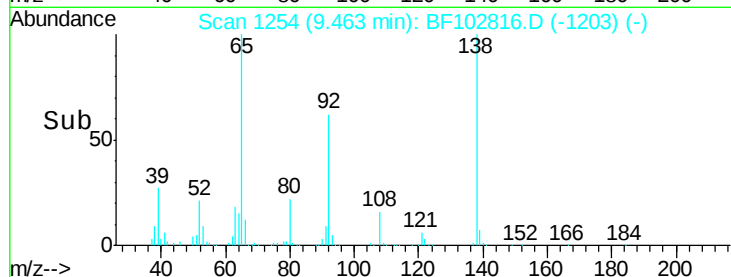
65 100

92 62.1 55.8 83.6

138 99.4 91.2 136.8



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



#48

Acenaphthylene

Concen: 40.42 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

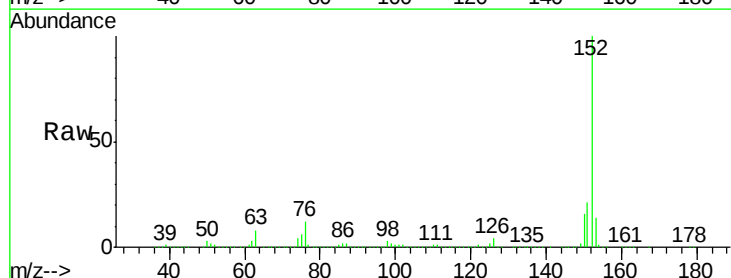
Tgt Ion: 152 Resp: 1653678

Ion Ratio Lower Upper

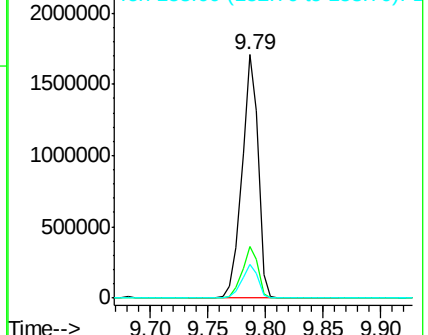
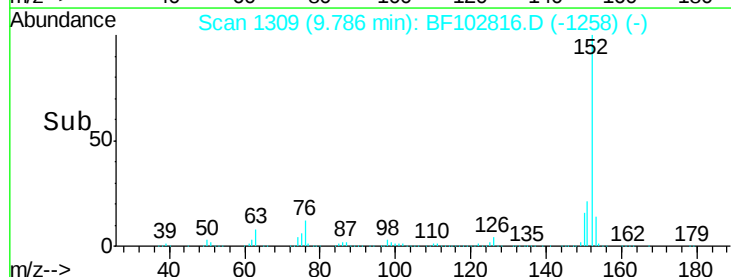
152 100

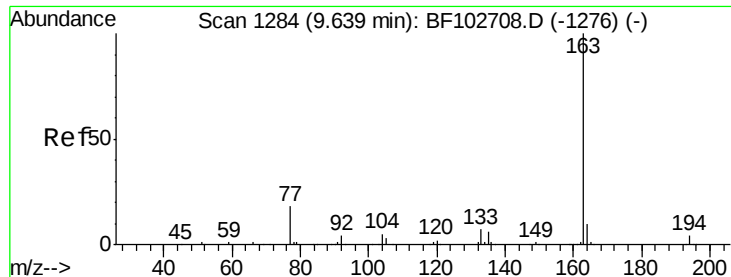
151 21.4 16.3 24.5

153 13.7 10.7 16.1



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

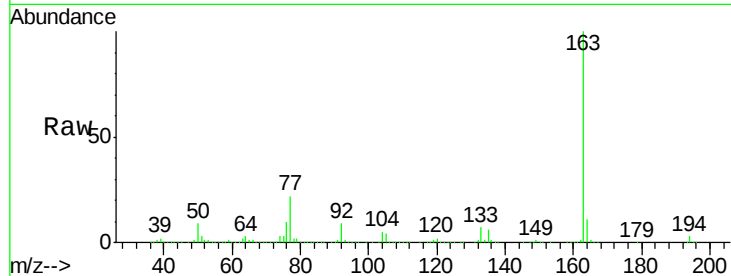




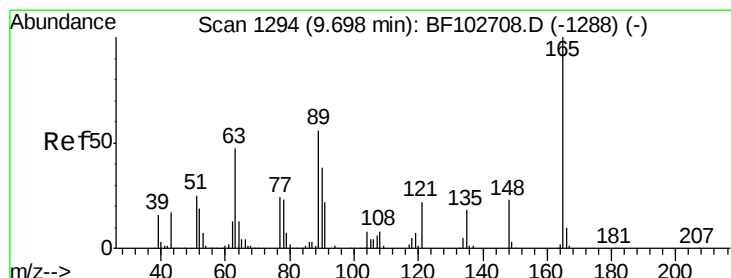
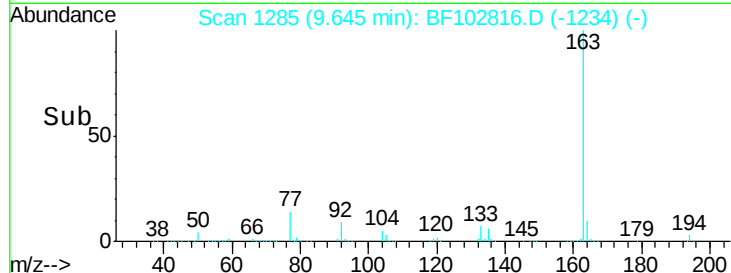
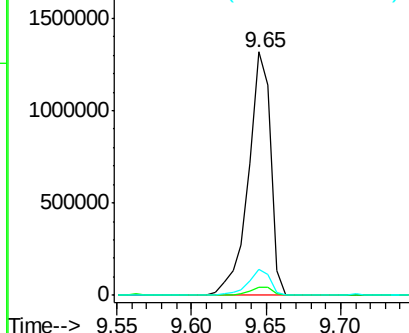
#49
Dimethylphthalate
Concen: 43.44 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1345629
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.6 8.2 12.2

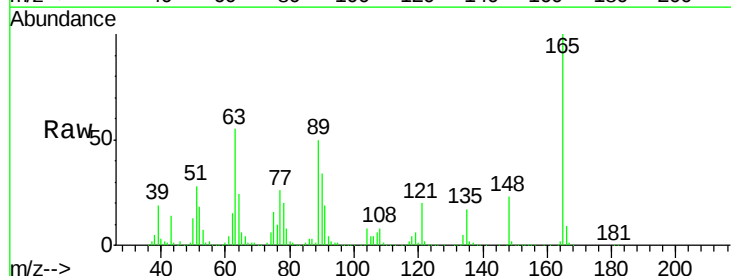


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

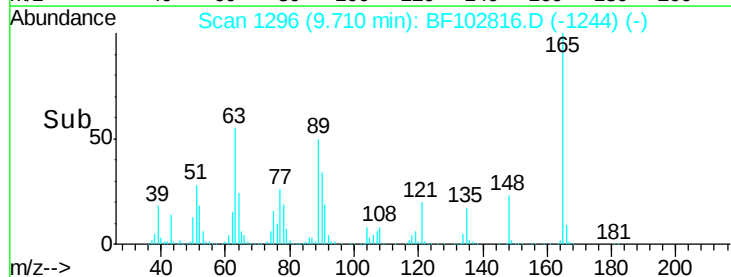
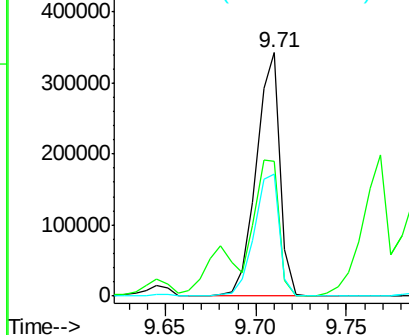


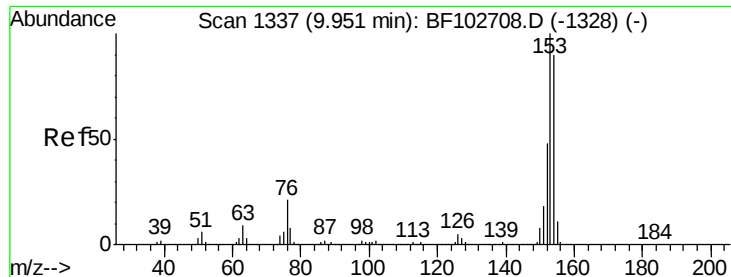
#50
2,6-Dinitrotoluene
Concen: 52.82 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion:165 Resp: 311318
Ion Ratio Lower Upper
165 100
63 55.4 44.7 67.1
89 50.2 44.0 66.0



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





#51

Acenaphthene

Concen: 41.30 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

ClientSampled :

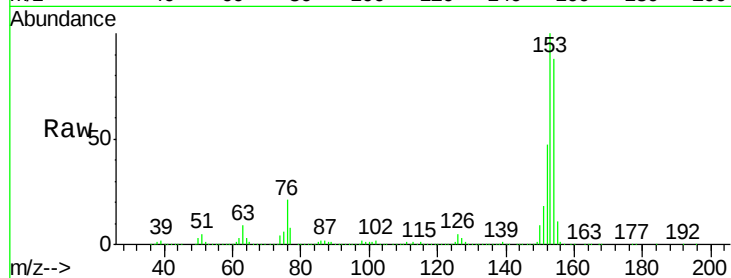
Tot Ion:154 Resp: 1010622

Ion Ratio Lower Upper

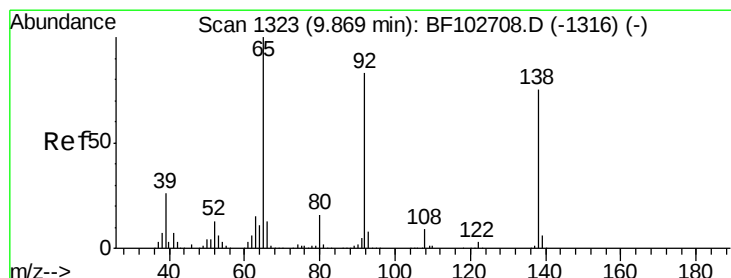
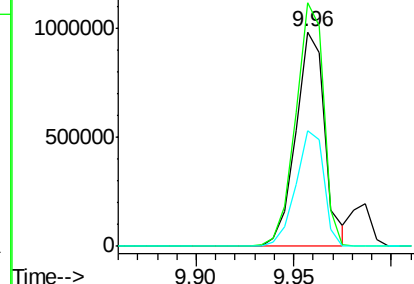
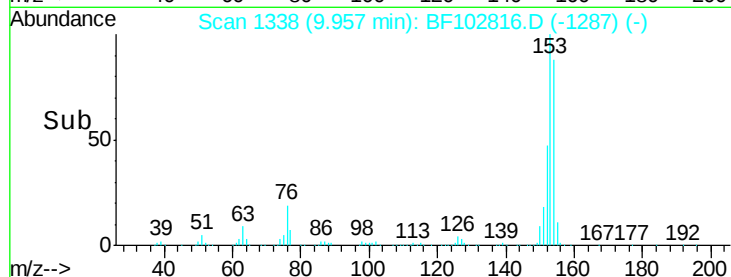
154 100

153 113.6 91.2 136.8

152 53.8 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: 28.79 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

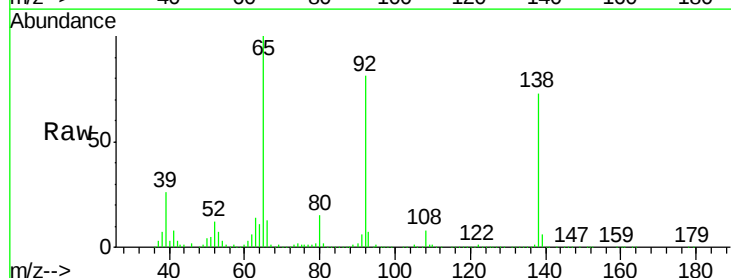
Tgt Ion:138 Resp: 208795

Ion Ratio Lower Upper

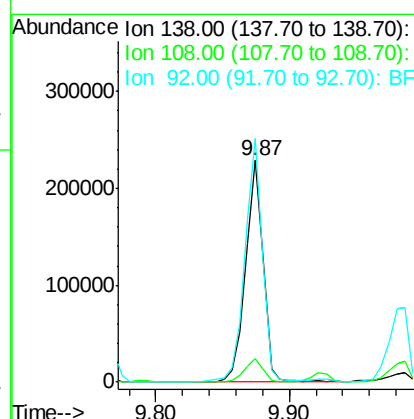
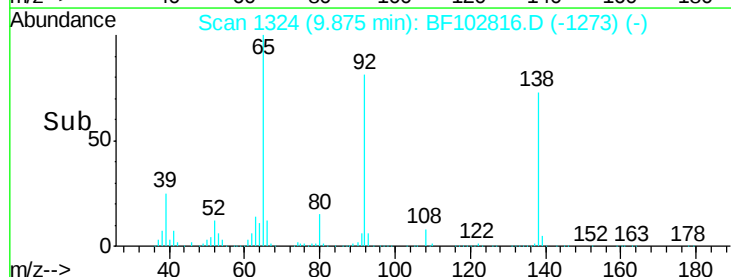
138 100

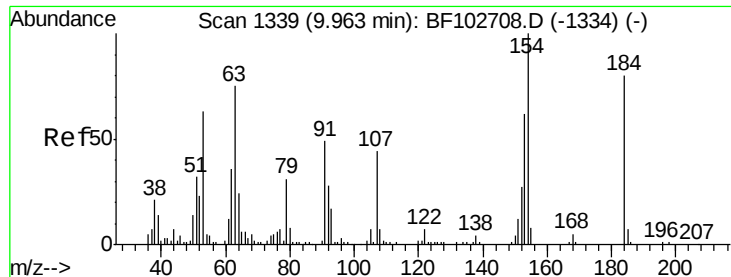
108 10.6 9.4 14.0

92 110.0 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

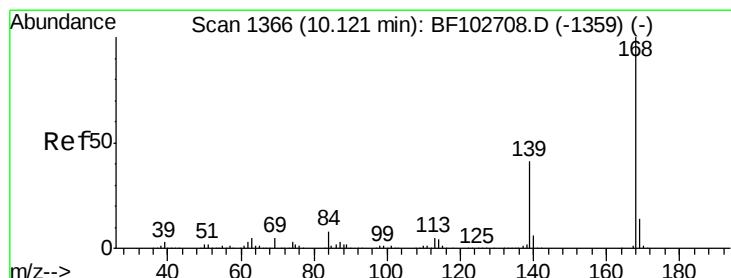
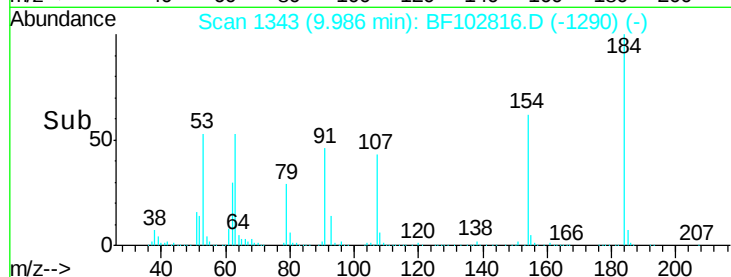
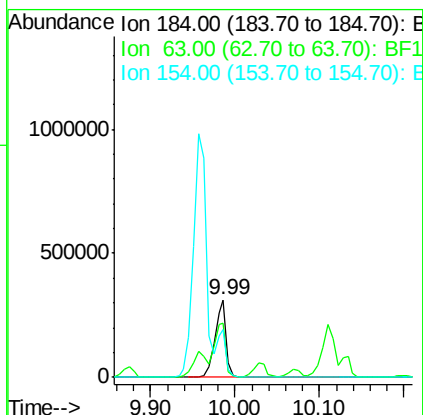
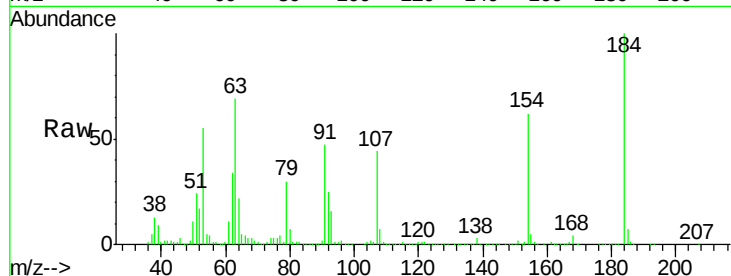




#53
2,4-Dinitrophenol
Concen: 115.23 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

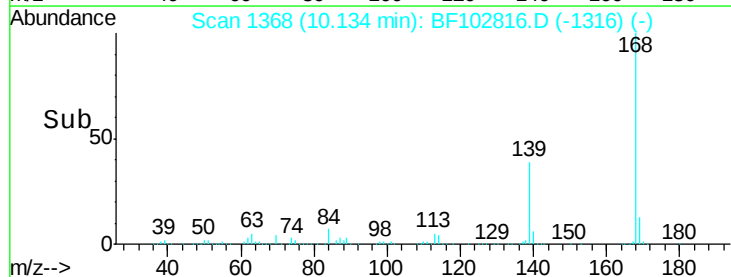
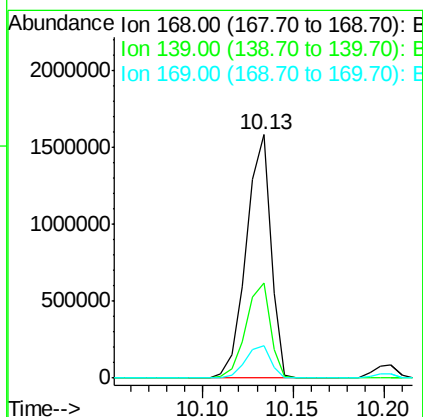
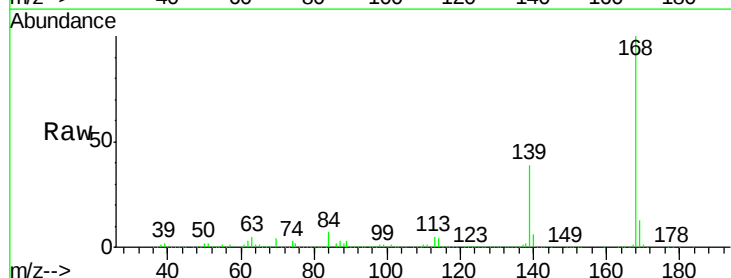
Instrument :
BNA_F
ClientSampled :

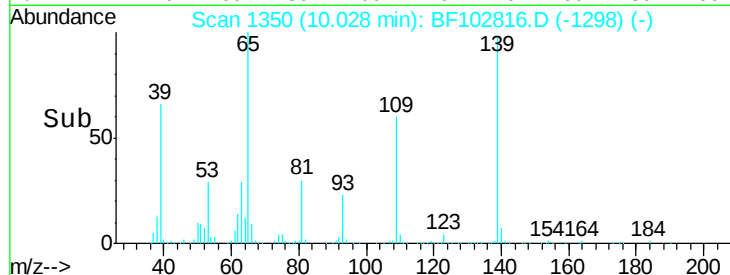
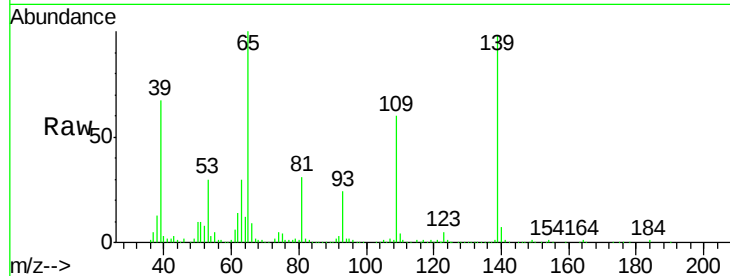
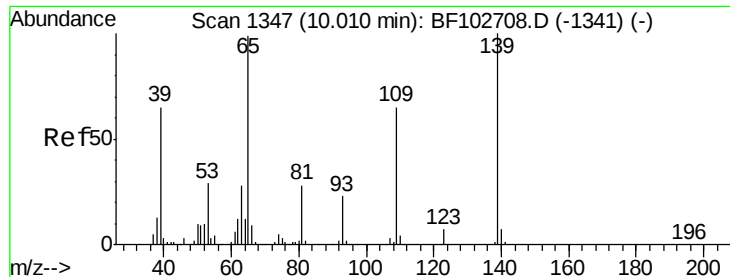
Tot Ion:184 Resp: 298812
Ion Ratio Lower Upper
184 100
63 69.2 54.2 81.2
154 61.7 184.0 276.0#



#54
Dibenzofuran
Concen: 43.39 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion:168 Resp: 1496177
Ion Ratio Lower Upper
168 100
139 39.3 30.1 45.1
169 13.1 10.9 16.3

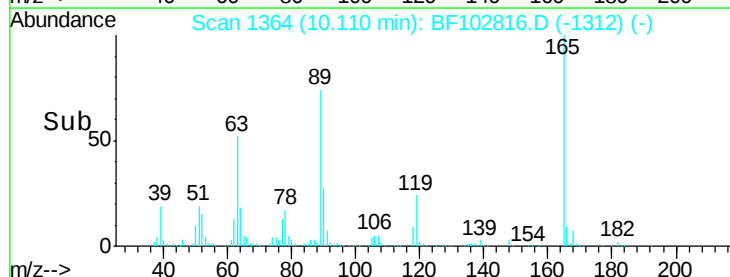
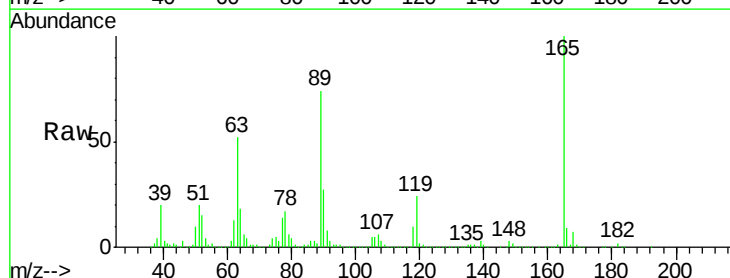
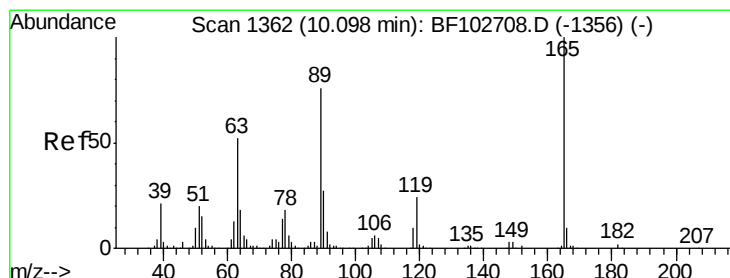
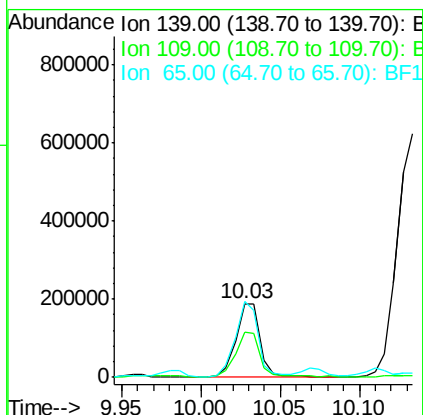




#55
4-Nitrophenol
Concen: 35.59 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

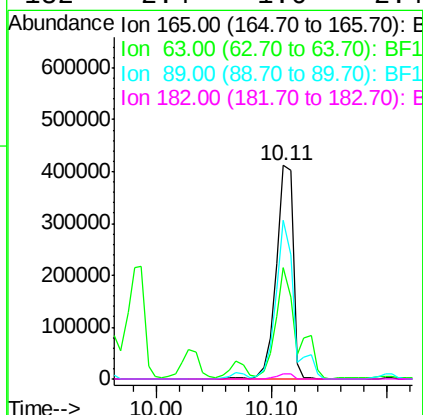
Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 198097
Ion Ratio Lower Upper
139 100
109 61.8 48.4 88.4
65 102.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 52.48 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion:165 Resp: 417238
Ion Ratio Lower Upper
165 100
63 52.3 36.4 54.6
89 74.1 57.8 86.6
182 2.4 1.6 2.4#

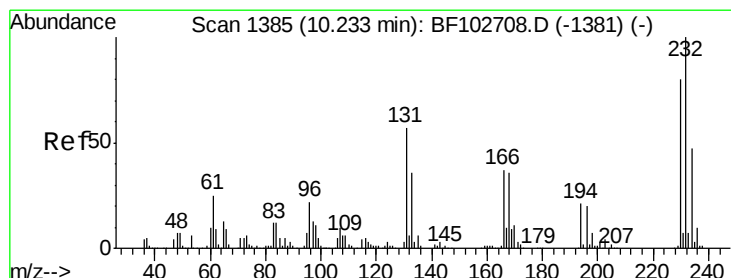
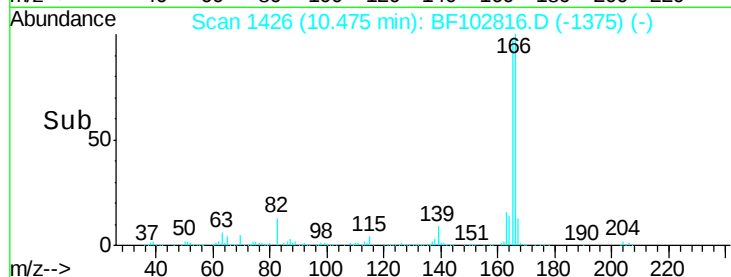
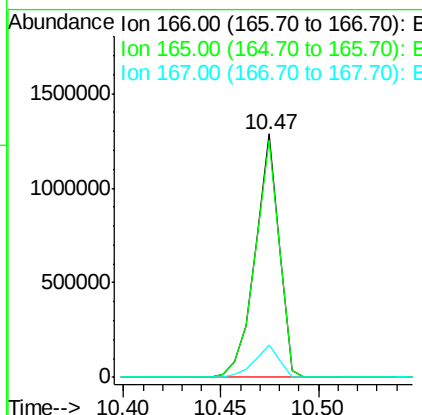
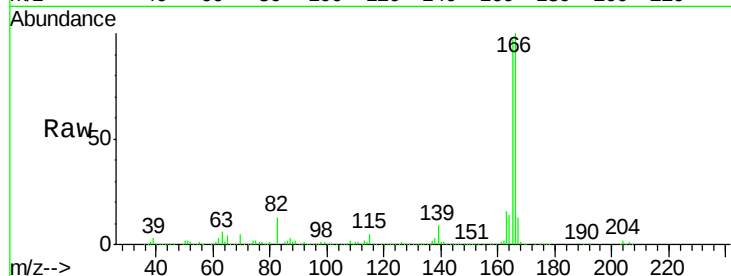




#57
 Fluorene
 Concen: 43.56 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF102816.D
 Acq: 7 Feb 2018 15:36

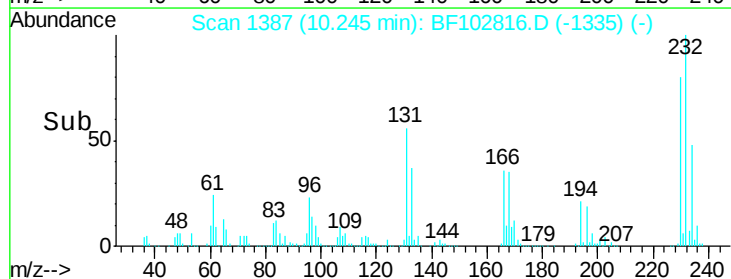
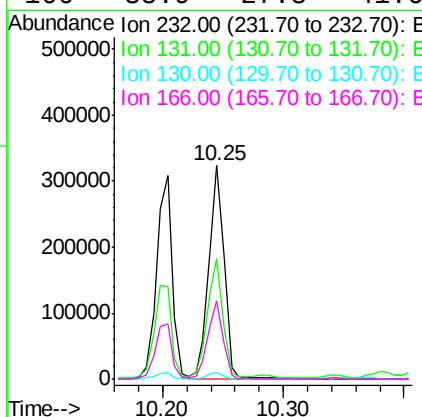
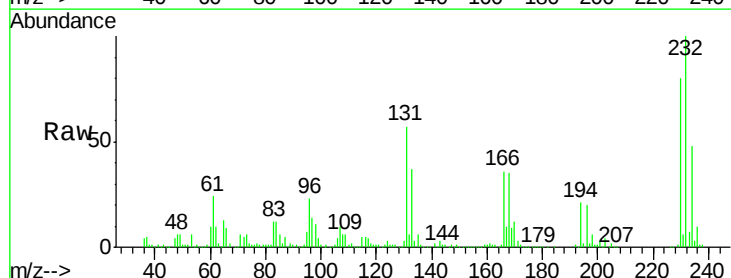
Instrument :
 BNA_F
 ClientSampleId :

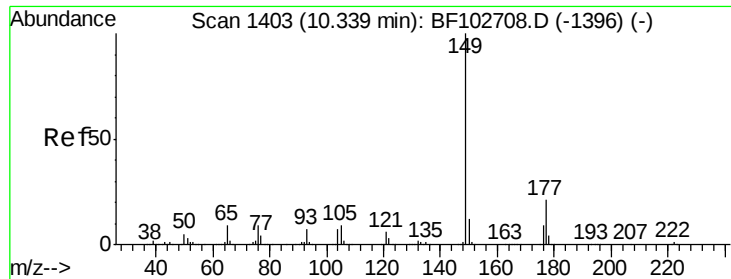
Tot Ion:166 Resp: 1092948
 Ion Ratio Lower Upper
 166 100
 165 97.5 79.8 119.8
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.04 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF102816.D
 Acq: 7 Feb 2018 15:36

Tgt Ion:232 Resp: 283277
 Ion Ratio Lower Upper
 232 100
 131 54.0 43.8 65.8
 130 3.7 2.1 3.1#
 166 35.9 27.8 41.6

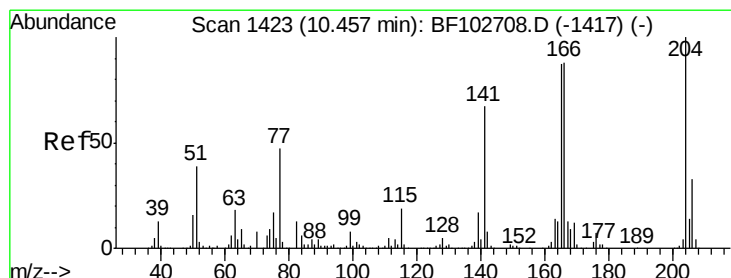
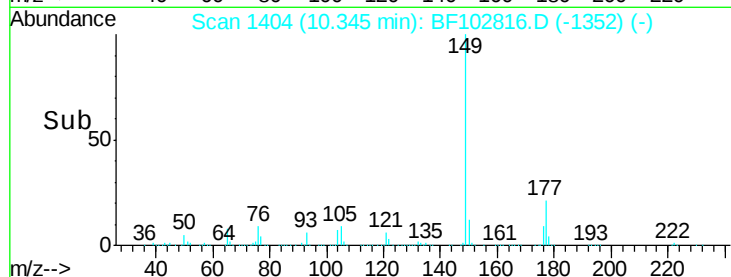
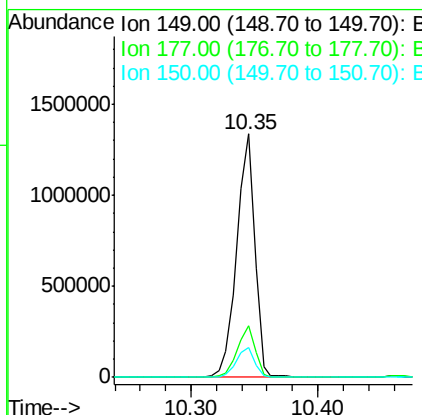
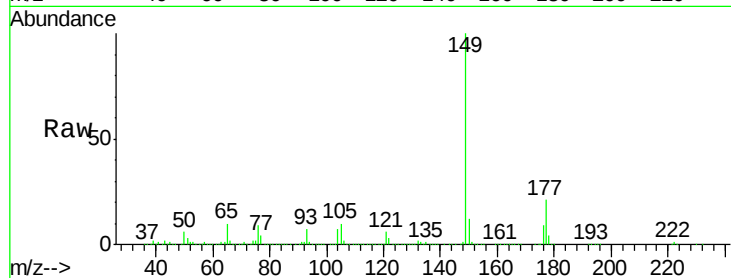




#59
Diethylphthalate
Concen: 42.65 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

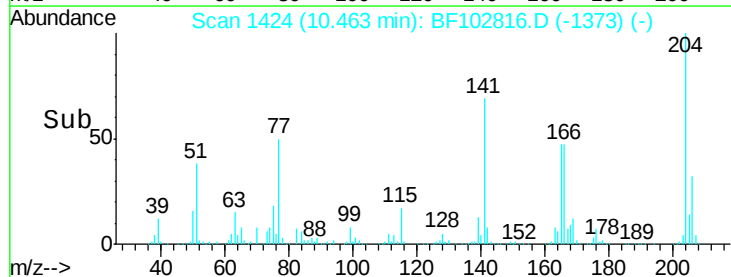
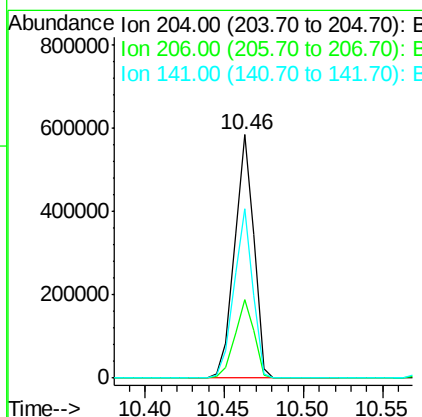
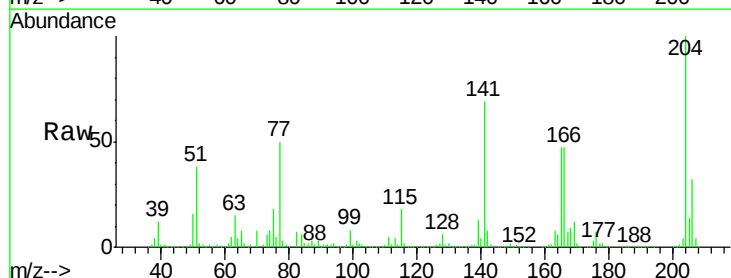
Instrument :
BNA_F
ClientSampleId :

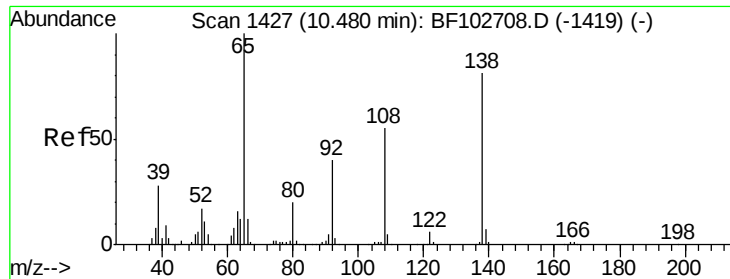
Tot Ion:149 Resp: 1304449
Ion Ratio Lower Upper
149 100
177 21.2 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 44.40 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion:204 Resp: 492786
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 69.4 54.6 81.8

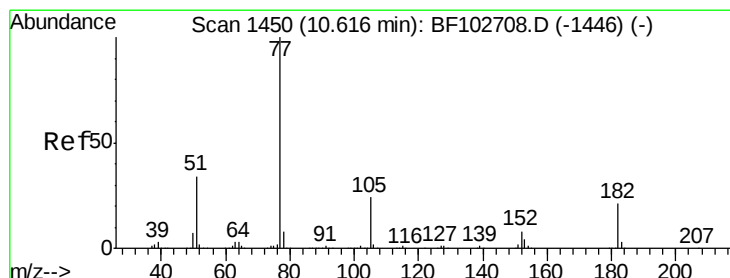
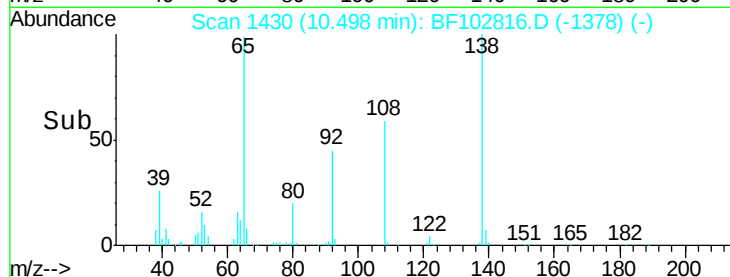
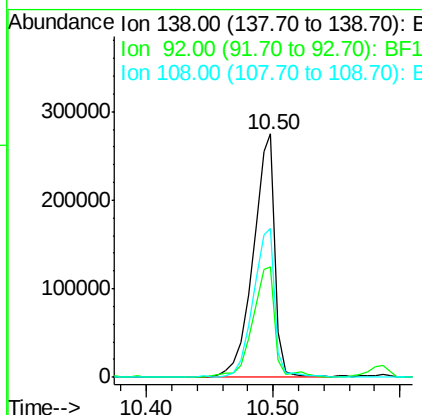
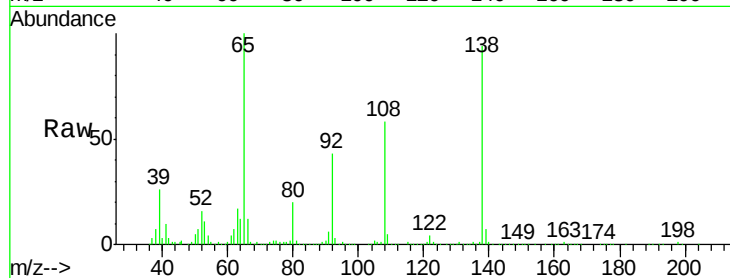




#61
4-Nitroaniline
Concen: 47.49 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

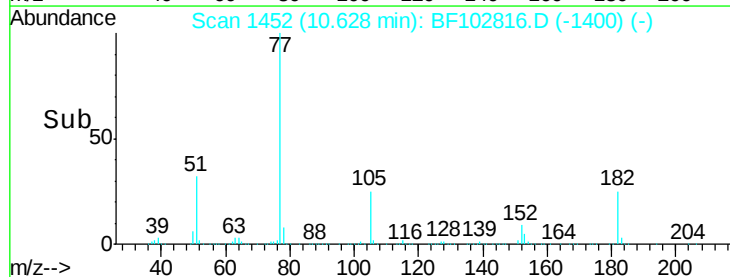
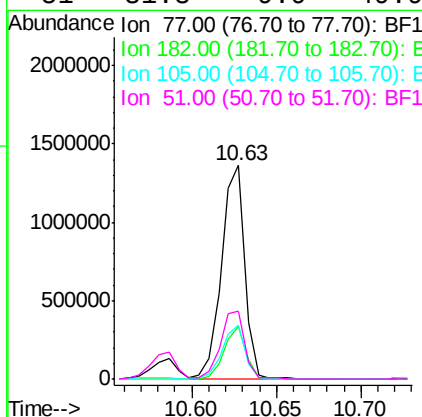
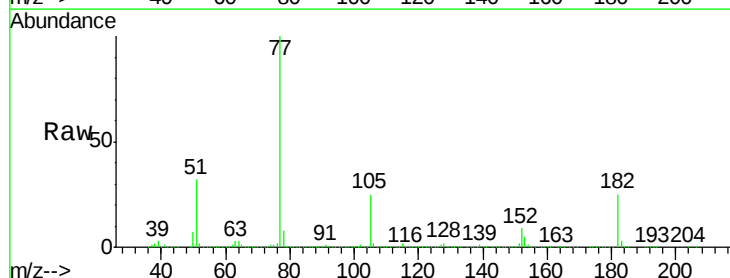
Instrument :
BNA_F
ClientSampleId :

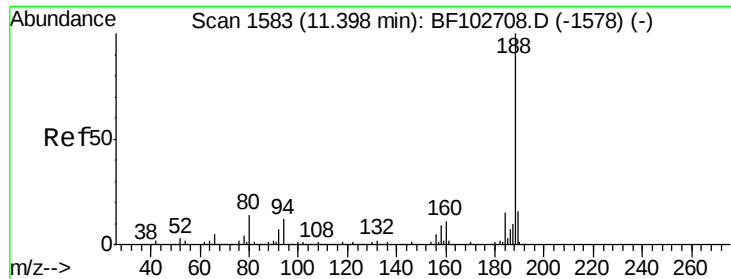
Tot Ion:138 Resp: 327788
Ion Ratio Lower Upper
138 100
92 45.2 30.2 70.2
108 61.0 52.5 92.5



#62
Azobenzene
Concen: 42.36 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion: 77 Resp: 1294552
Ion Ratio Lower Upper
77 100
182 24.5 1.7 41.7
105 25.2 3.0 43.0
51 31.8 9.9 49.9

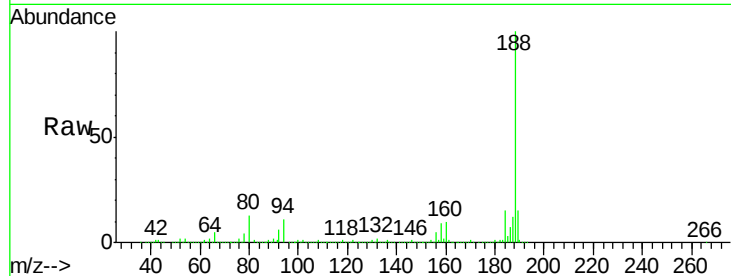




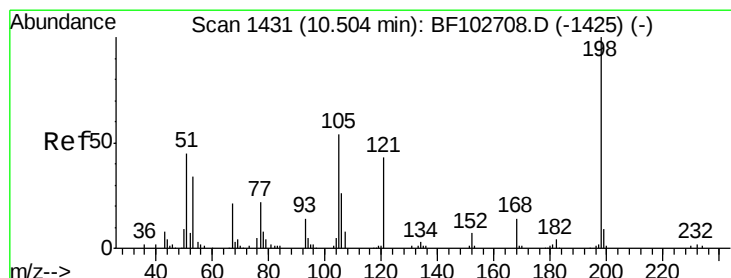
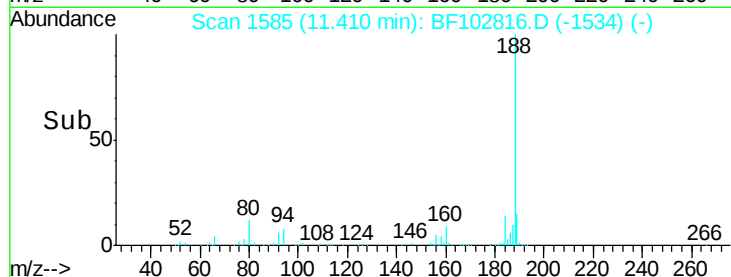
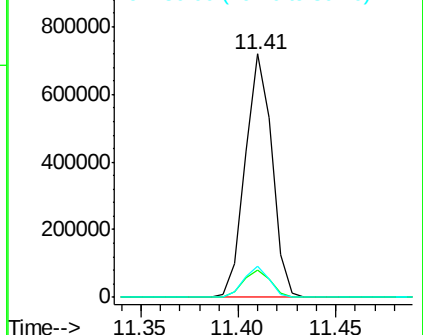
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 684121
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.6 9.2 13.8

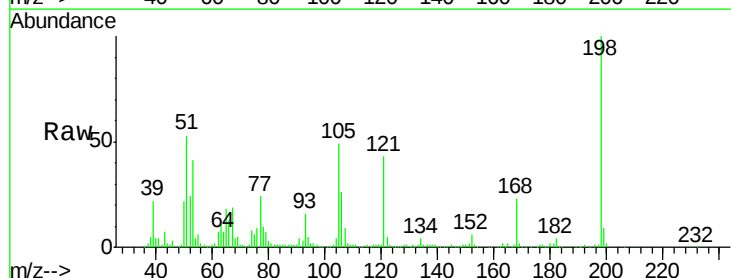


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

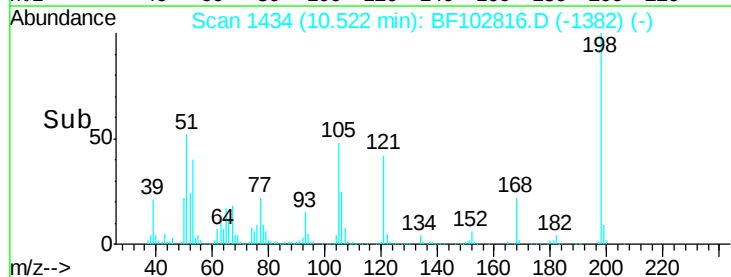
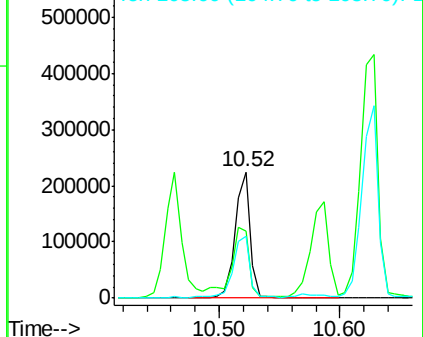


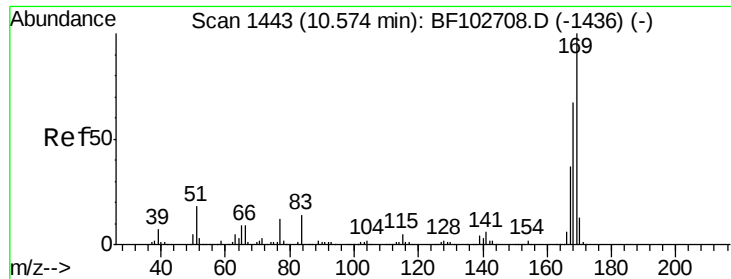
#64
4,6-Dinitro-2-methylphenol
Concen: 62.48 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion:198 Resp: 195327
Ion Ratio Lower Upper
198 100
51 53.0 37.7 77.7
105 49.5 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: 43.31 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

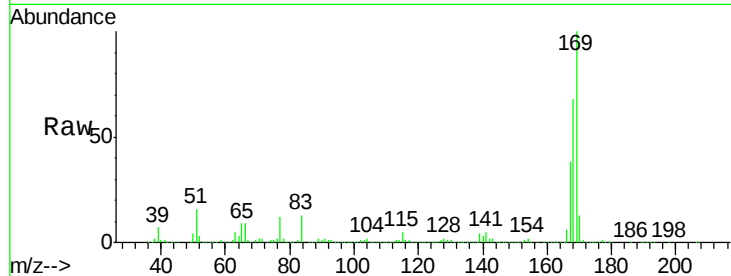
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 1045221

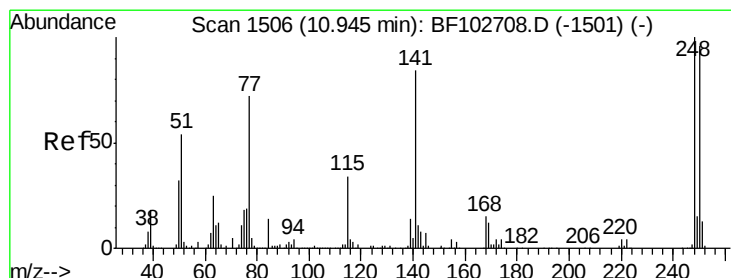
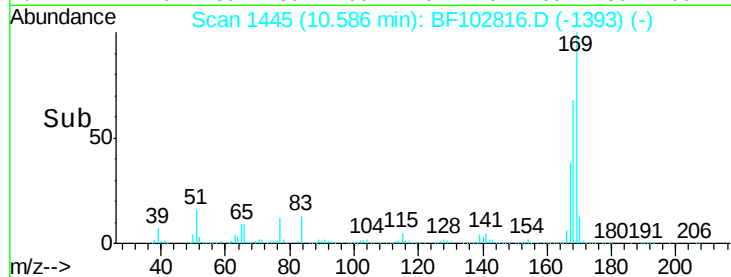
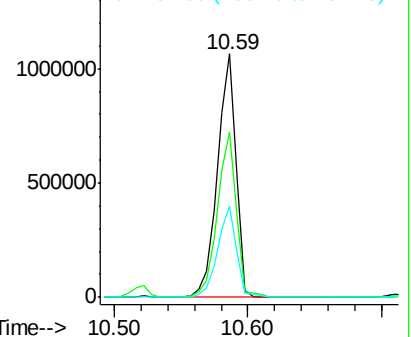
Ion	Ratio	Lower	Upper
169	100		
168	68.1	54.4	81.6
167	37.7	29.8	44.6



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: 44.48 ng

RT: 10.96 min Scan# 1508

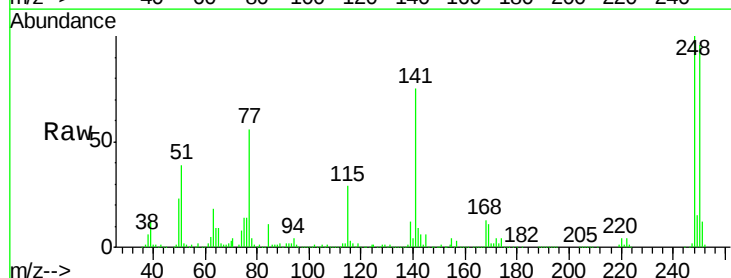
Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Tgt Ion:248 Resp: 321918

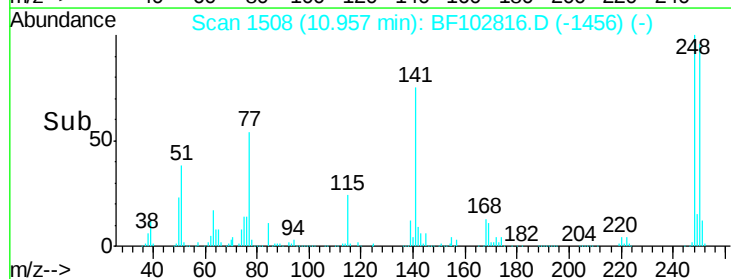
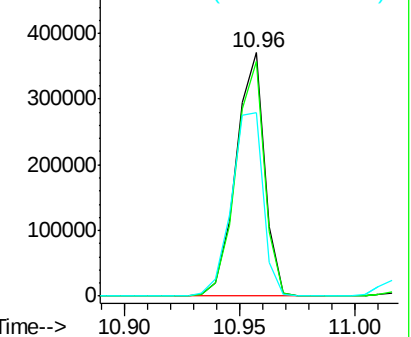
Ion	Ratio	Lower	Upper
248	100		
250	96.2	76.9	115.3
141	75.1	74.4	111.6

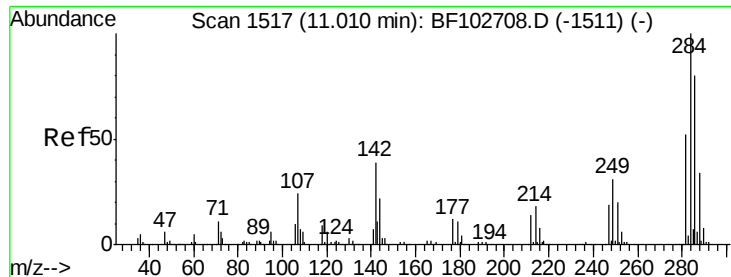


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

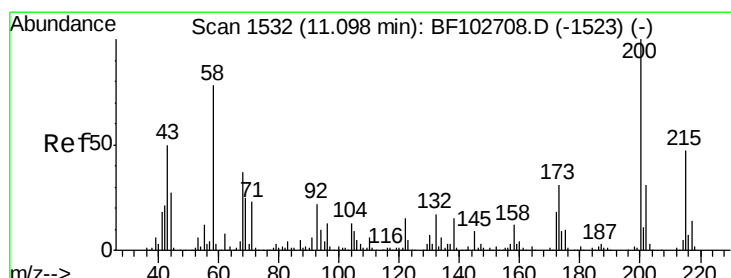
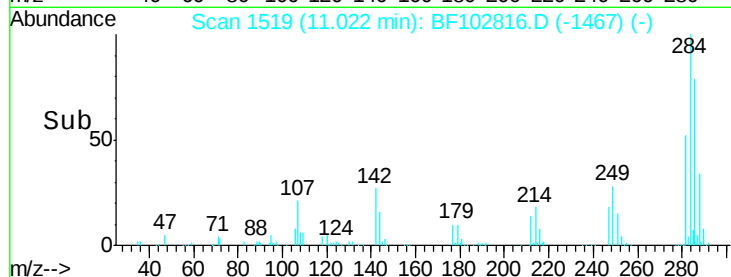
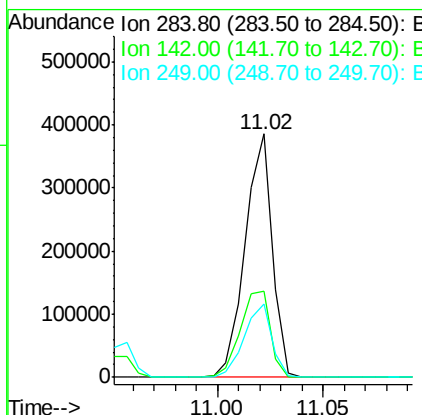
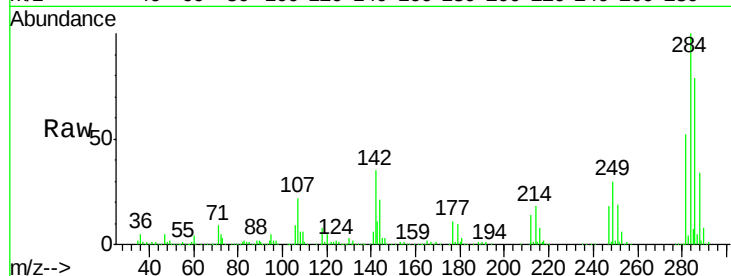




#67
Hexachlorobenzene
Concen: 43.25 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

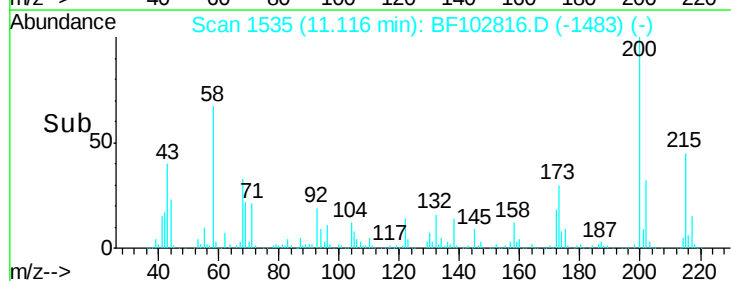
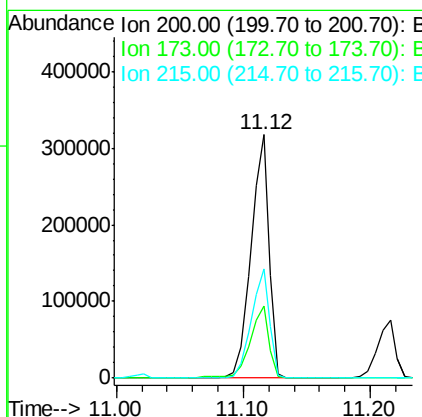
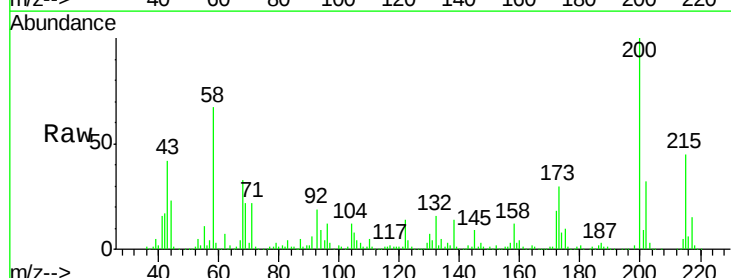
Instrument :
BNA_F
ClientSampled :

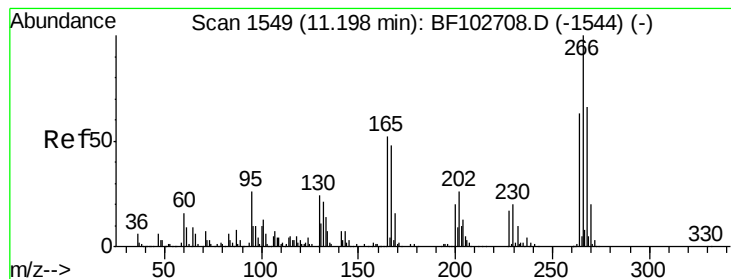
Tot Ion:284 Resp: 345294
Ion Ratio Lower Upper
284 100
142 35.3 34.6 52.0
249 30.2 24.8 37.2



#68
Atrazine
Concen: 44.49 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion:200 Resp: 316714
Ion Ratio Lower Upper
200 100
173 29.7 8.6 48.6
215 45.0 25.1 65.1





#69

Pentachlorophenol

Concen: 80.50 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

ClientSampled :

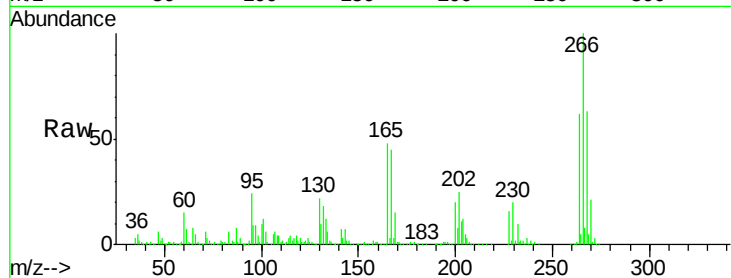
Tot Ion:266 Resp: 377278

Ion Ratio Lower Upper

266 100

268 62.7 51.1 76.7

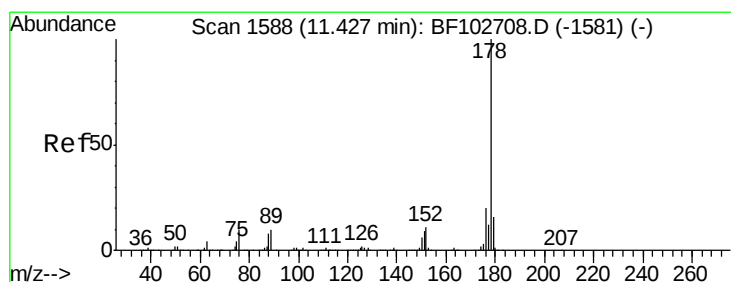
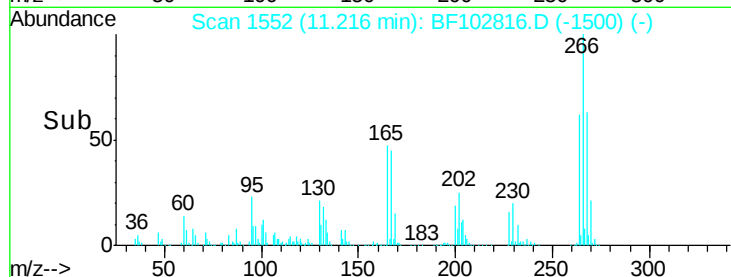
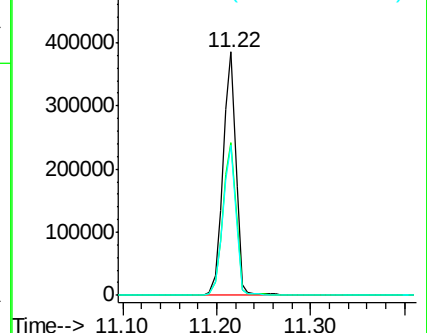
264 61.8 49.5 74.3



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: 42.51 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

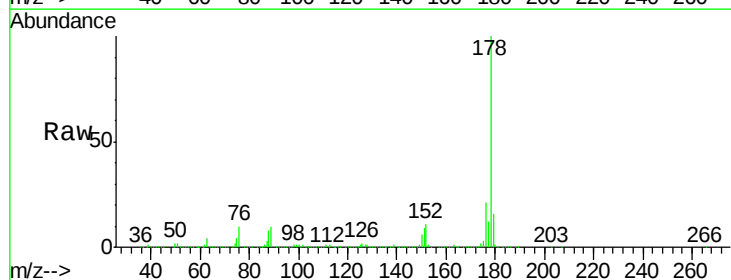
Tgt Ion:178 Resp: 1619765

Ion Ratio Lower Upper

178 100

176 20.5 15.8 23.8

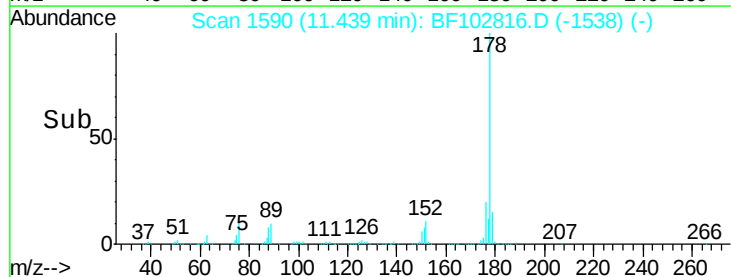
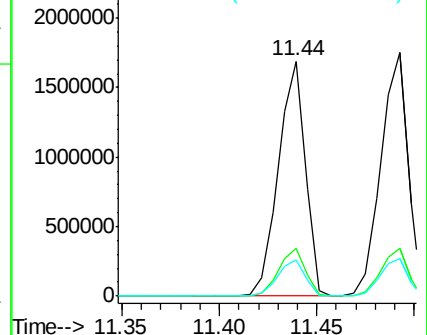
179 15.6 13.0 19.6

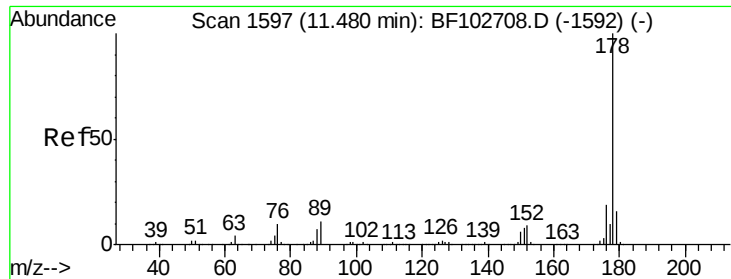


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

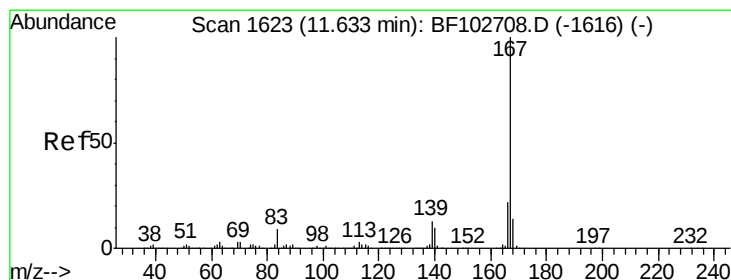
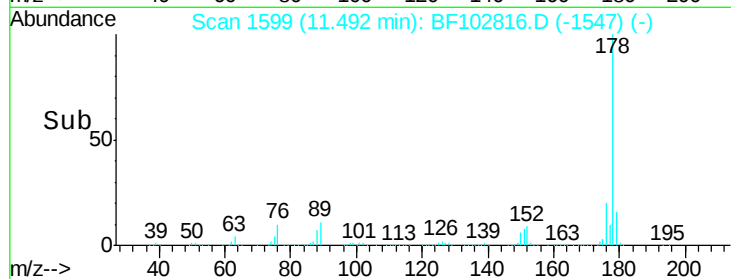
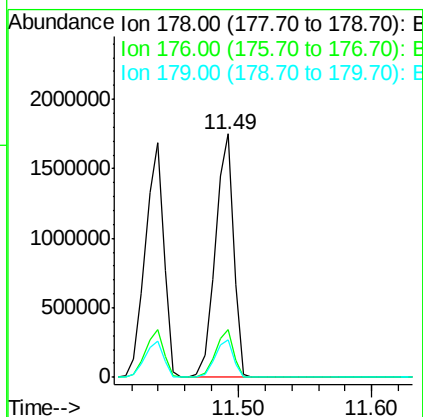
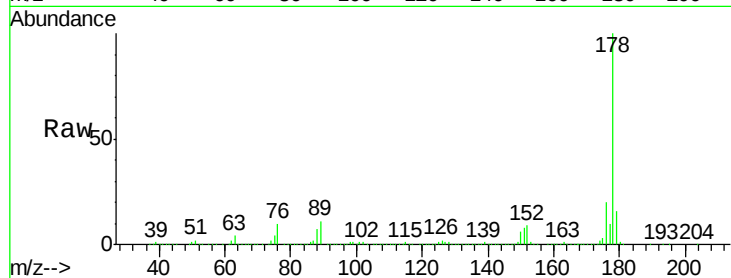




#71
 Anthracene
 Concen: 43.58 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF102816.D
 Acq: 7 Feb 2018 15:36

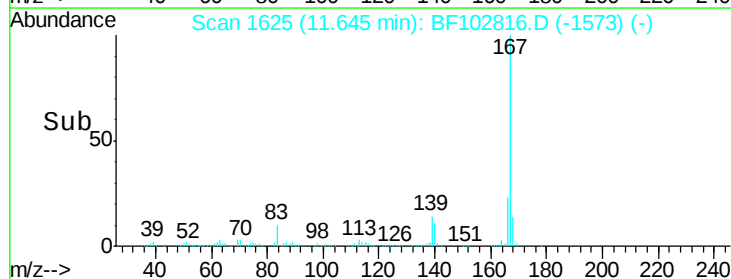
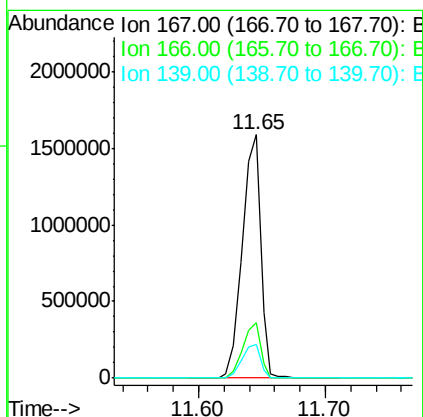
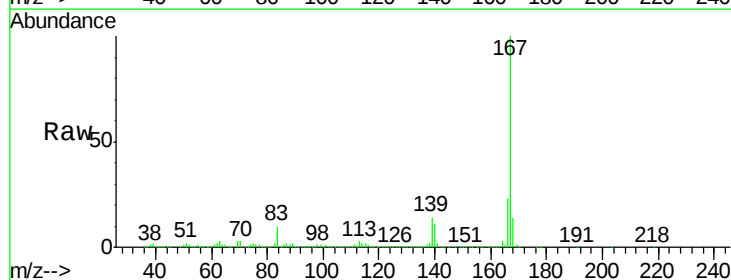
Instrument :
 BNA_F
 ClientSampleId :

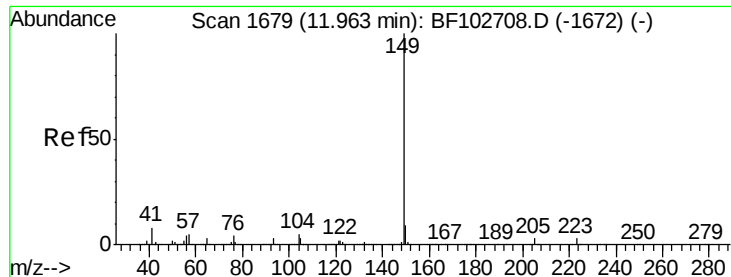
Tot Ion:178 Resp: 1688863
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 41.67 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF102816.D
 Acq: 7 Feb 2018 15:36

Tgt Ion:167 Resp: 1582135
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 13.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 43.14 ng

RT: 11.97 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

ClientSampleId :

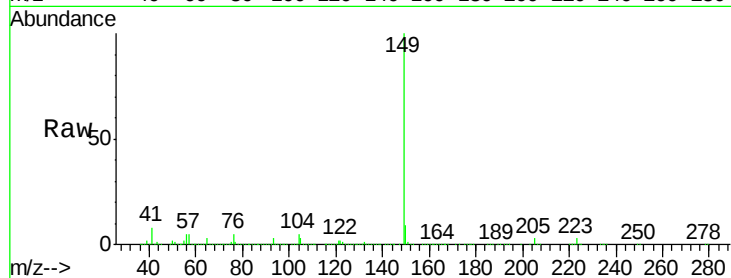
Tot Ion:149 Resp: 1989435

Ion Ratio Lower Upper

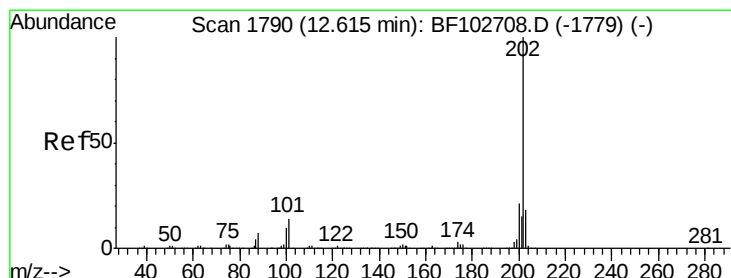
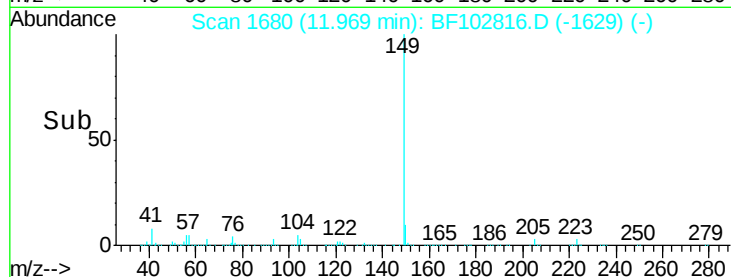
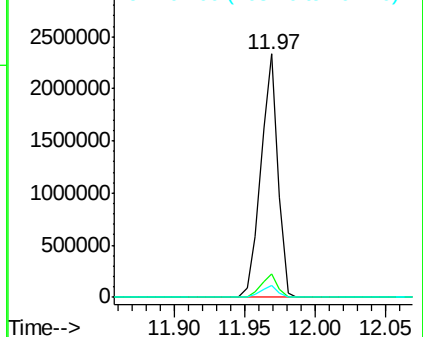
149 100

150 9.5 7.8 11.6

104 4.8 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: 41.97 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

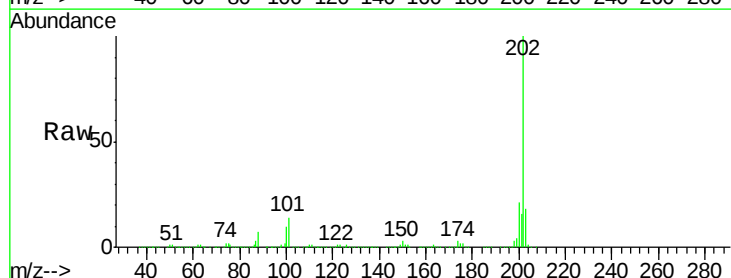
Tgt Ion:202 Resp: 1608828

Ion Ratio Lower Upper

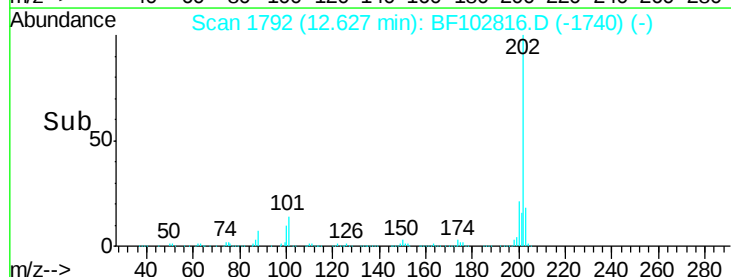
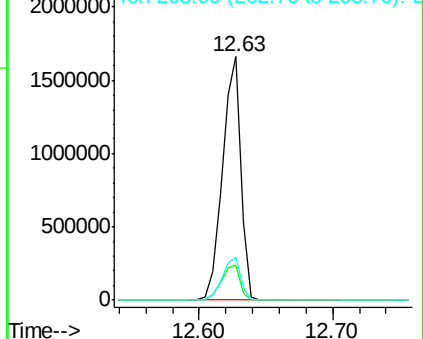
202 100

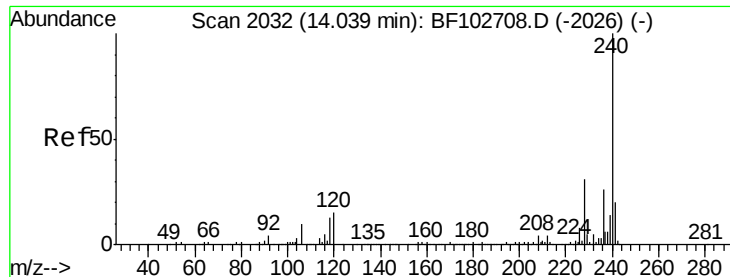
101 14.3 0.0 34.1

203 17.6 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: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

ClientSampleId :

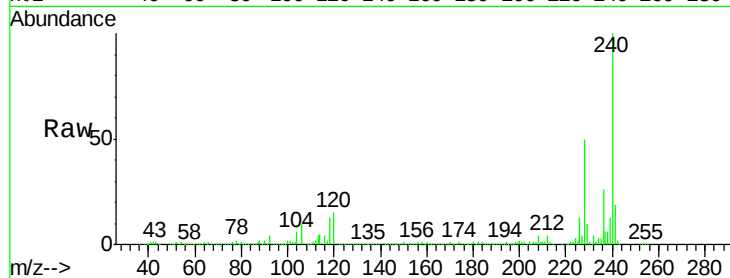
Tot Ion:240 Resp: 431679

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

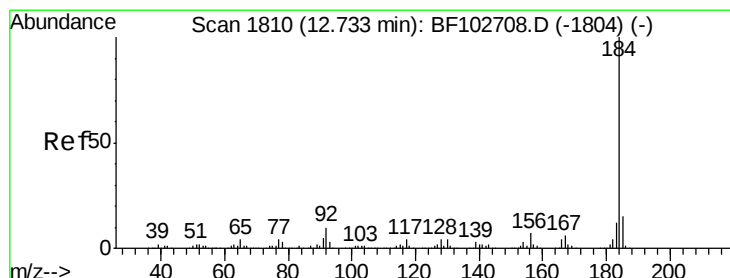
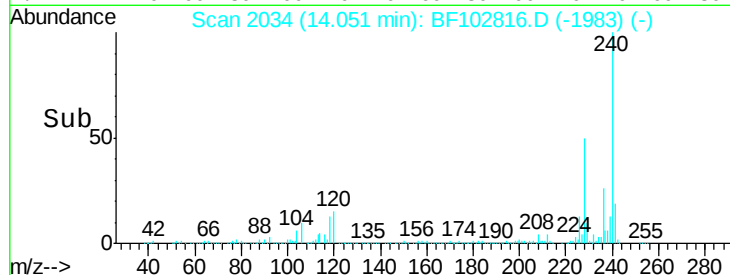
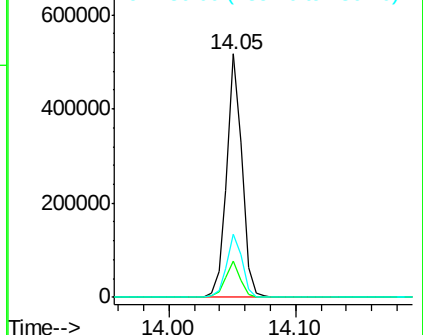
236 25.8 20.7 31.1



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: 9.25 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

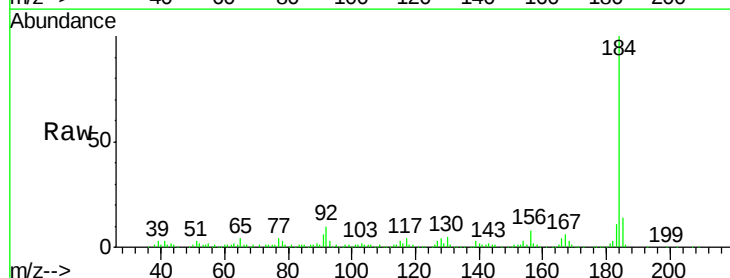
Tgt Ion:184 Resp: 183573

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

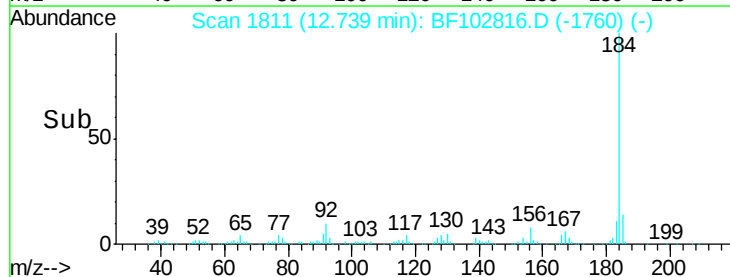
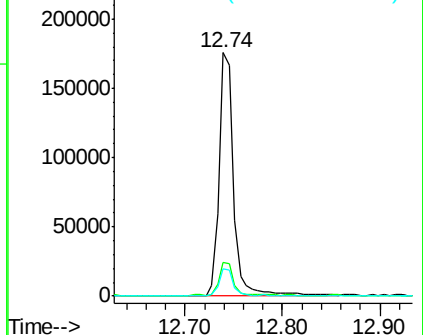
183 11.4 9.3 13.9



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: 48.58 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

ClientSampleId :

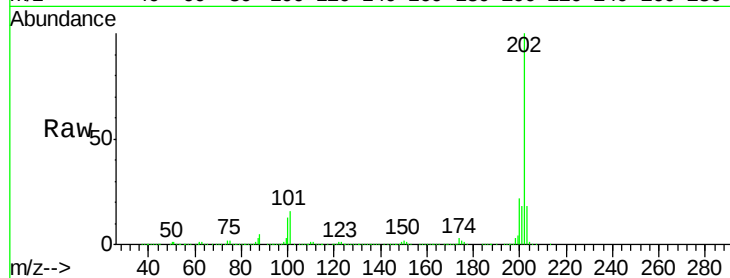
Tot Ion:202 Resp: 1644452

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

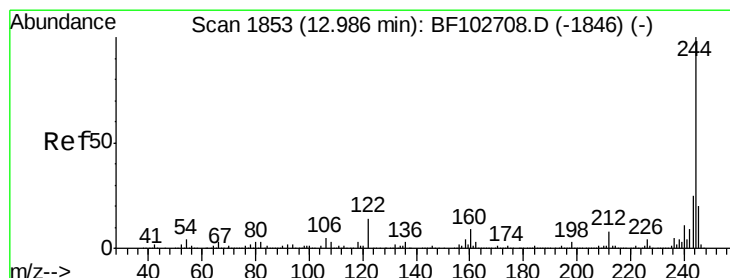
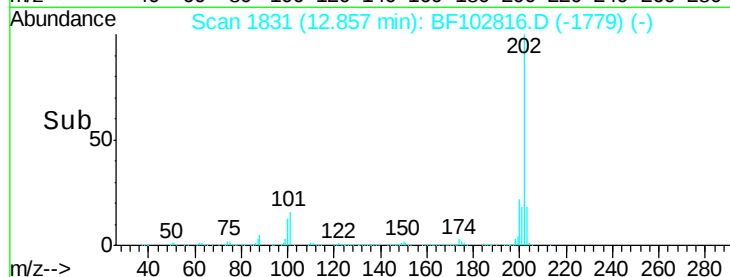
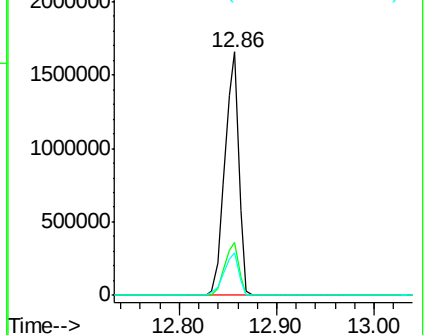
203 17.7 14.3 21.5



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: 100.30 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

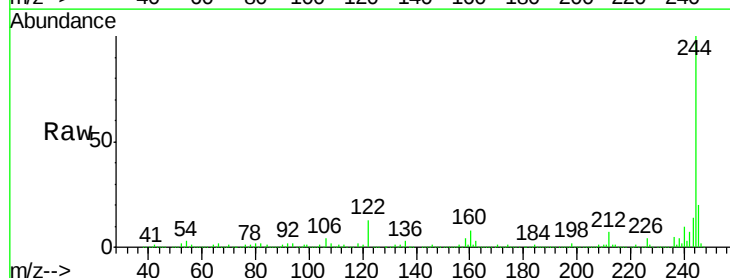
Tgt Ion:244 Resp: 1828692

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

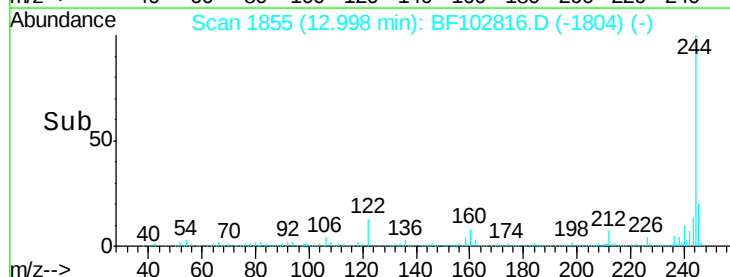
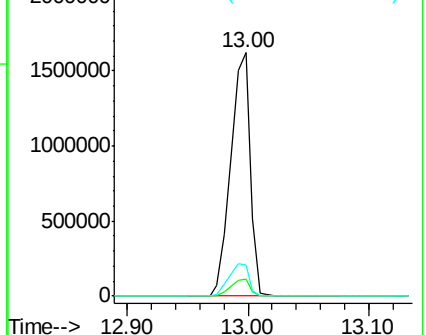
122 12.8 11.0 16.4



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

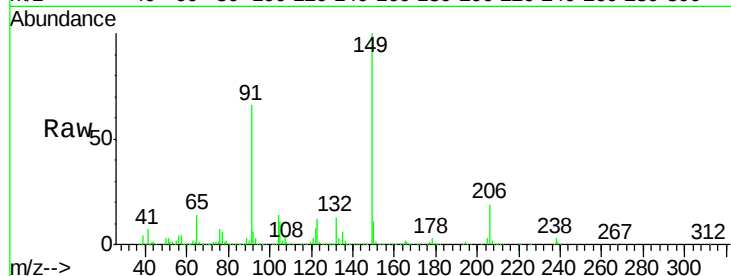




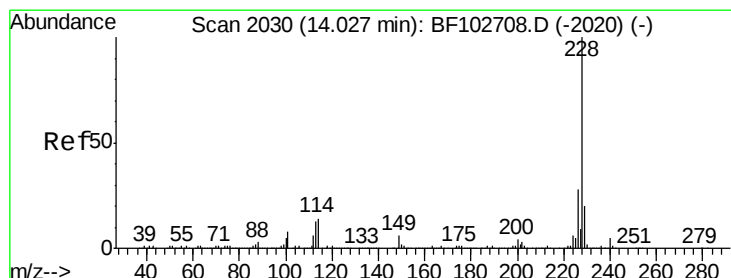
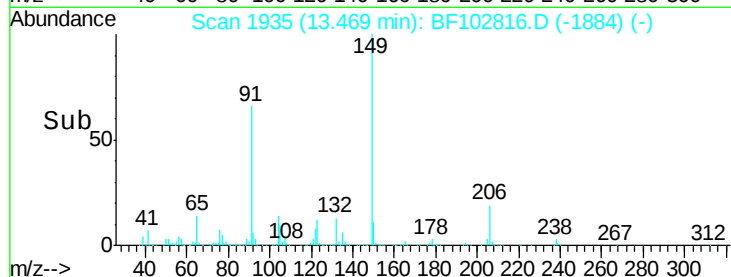
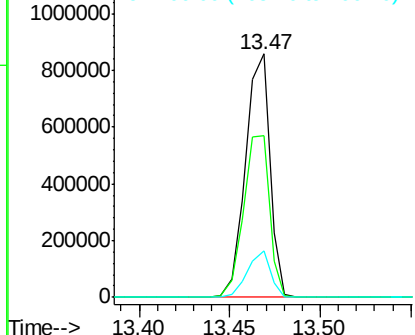
#79
Butylbenzylphthalate
Concen: 49.57 ng
RT: 13.47 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 803113
Ion Ratio Lower Upper
149 100
91 66.5 56.8 85.2
206 18.9 14.1 21.1

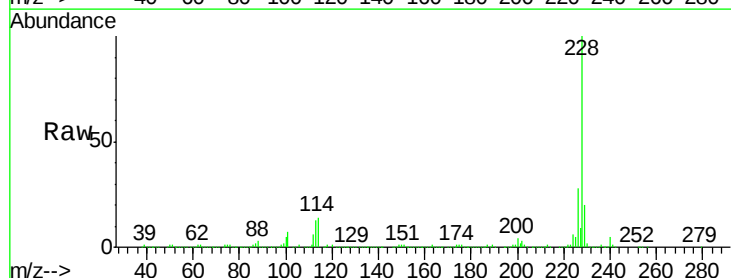


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

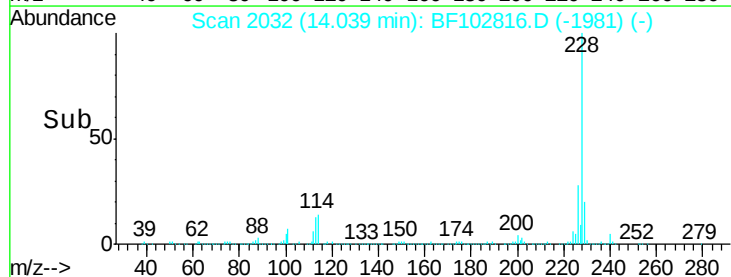
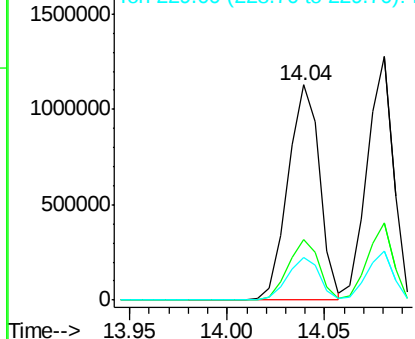


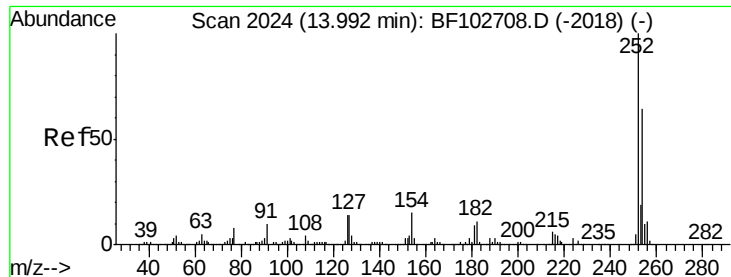
#80
Benzo(a)anthracene
Concen: 46.50 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion:228 Resp: 1262523
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 20.0 15.8 23.6



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

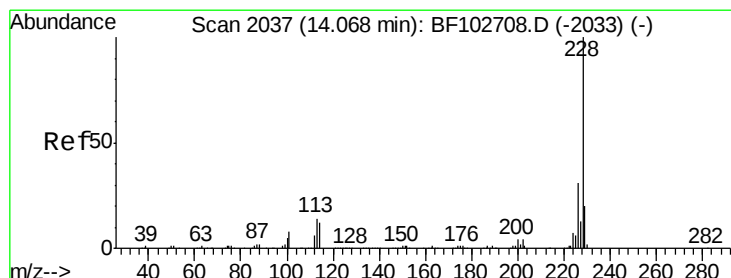
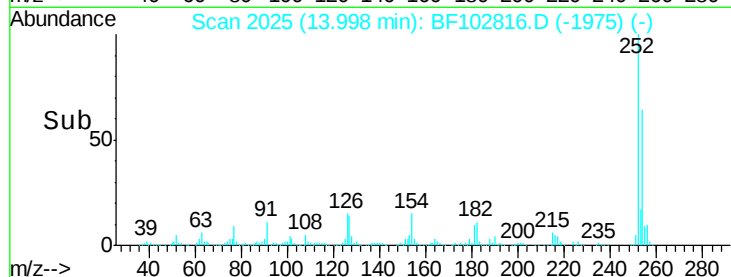
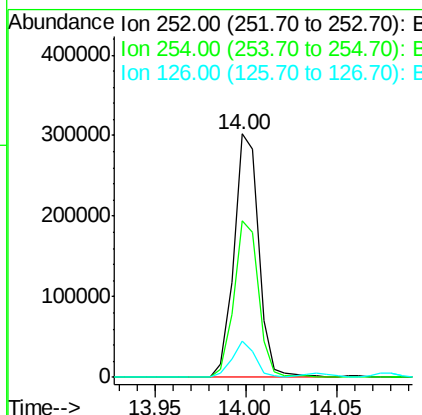
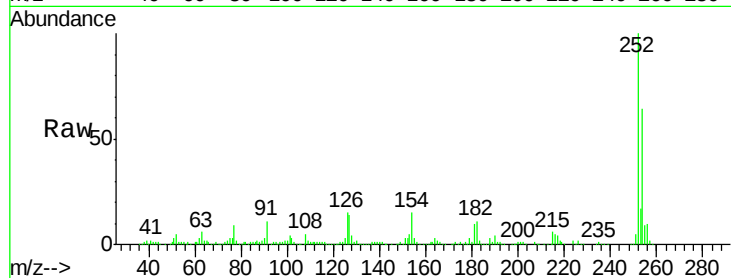




#81
 3,3'-Dichlorobenzidine
 Concen: 28.66 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF102816.D
 Acq: 7 Feb 2018 15:36

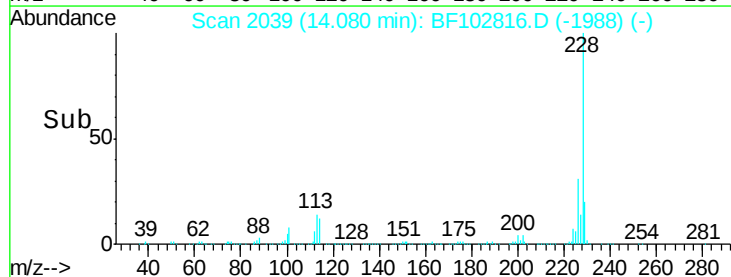
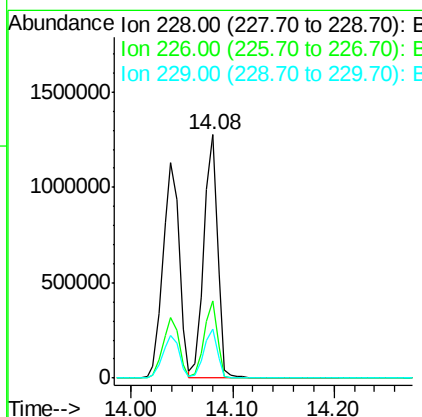
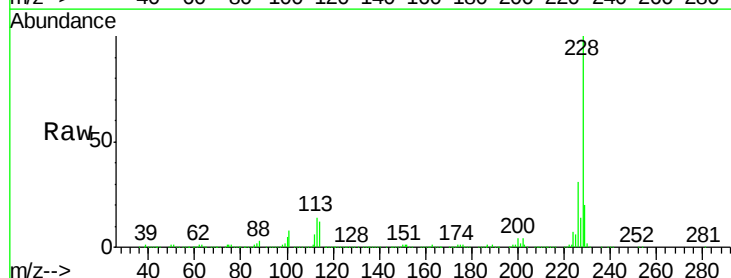
Instrument :
 BNA_F
 ClientSampleId :

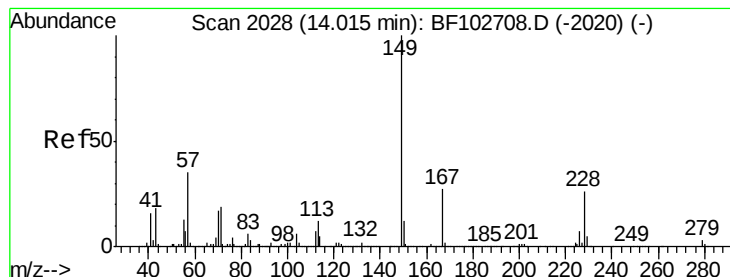
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.4	75.6
126	15.1	11.3	16.9



#82
 Chrysene
 Concen: 43.89 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BF102816.D
 Acq: 7 Feb 2018 15:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	20.0	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.07 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

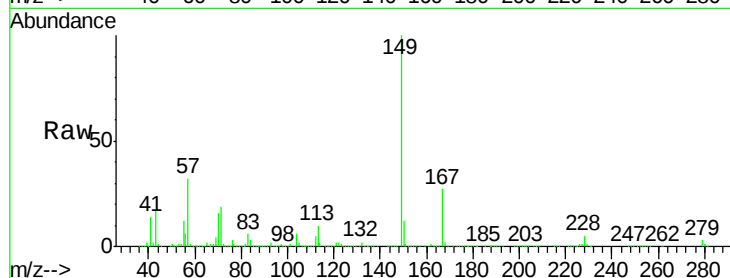
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1017562

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	3.4	3.0	4.4

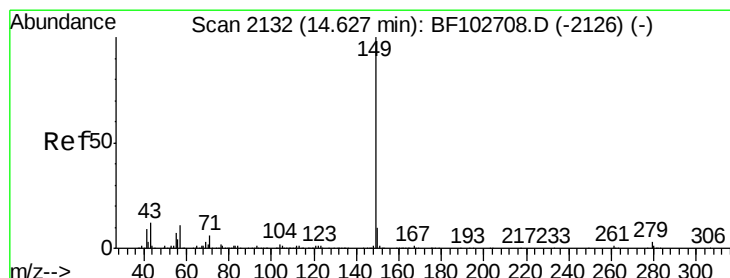
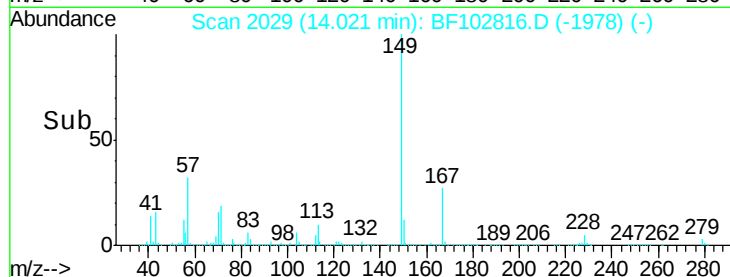
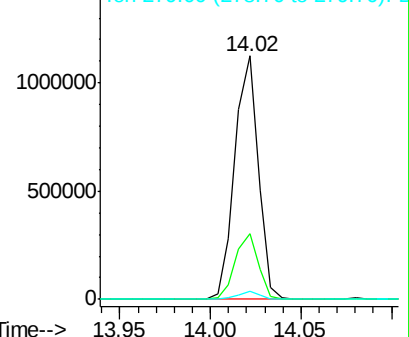


Abundance

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: 50.44 ng

RT: 14.63 min Scan# 2133

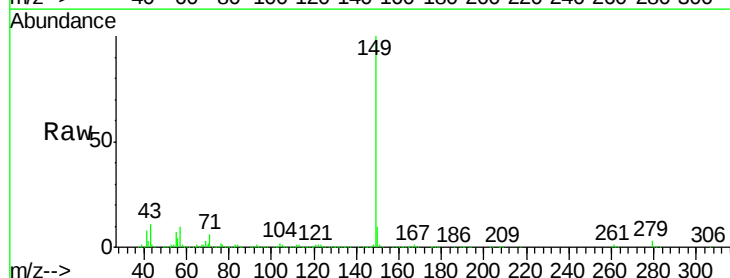
Delta R.T. -0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Tgt Ion:149 Resp: 1570458

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.9	8.4	12.6

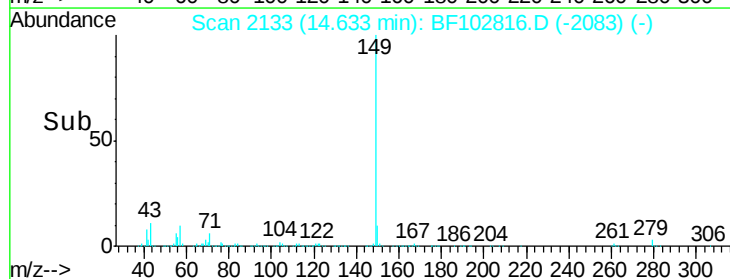
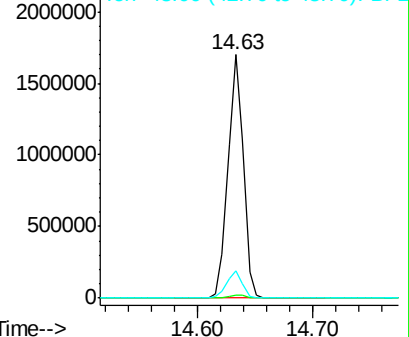


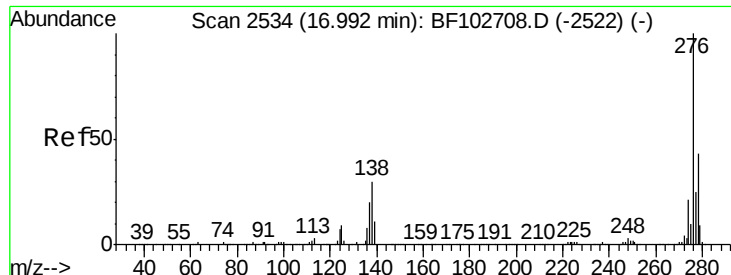
Abundance

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

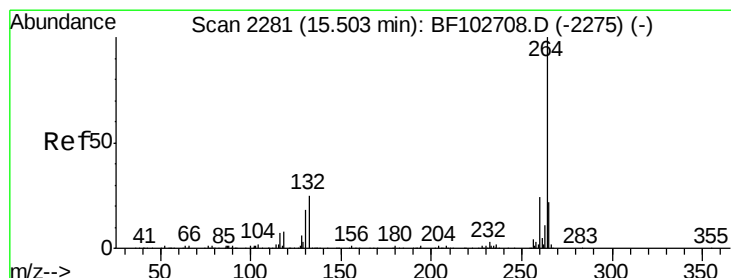
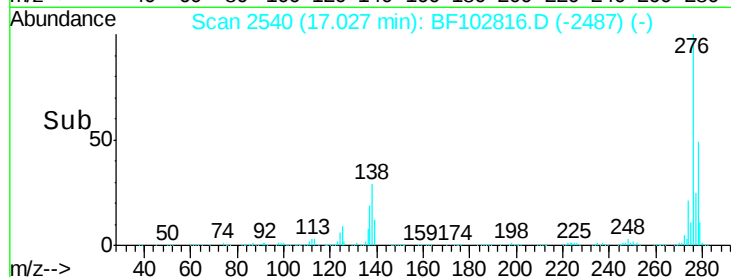
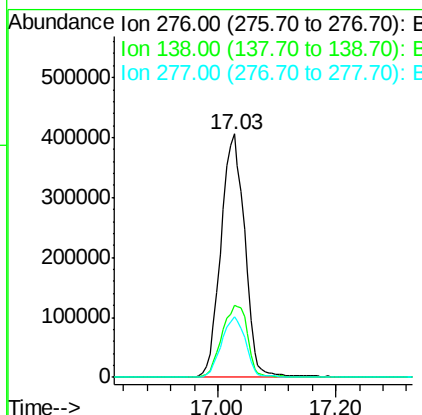
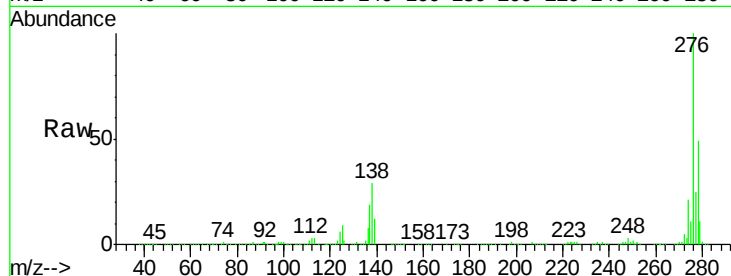




#85
Indeno(1,2,3-cd)pyrene
Concen: 50.61 ng
RT: 17.03 min Scan# 2540
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

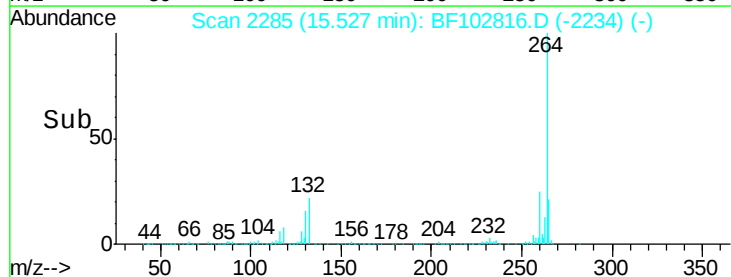
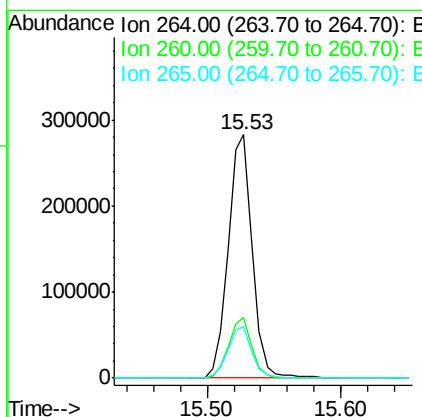
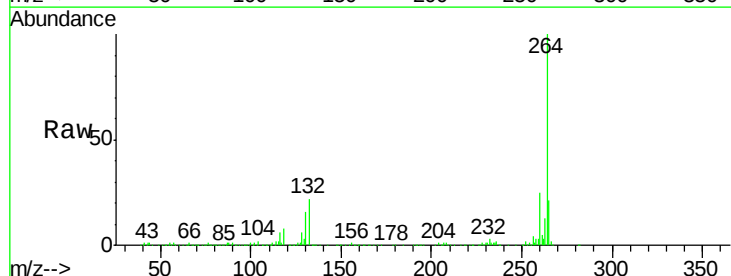
Instrument :
BNA_F
ClientSampled :

Tot Ion:276 Resp: 1148715
Ion Ratio Lower Upper
276 100
138 31.7 25.0 37.6
277 25.3 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: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion:264 Resp: 357112
Ion Ratio Lower Upper
264 100
260 24.7 19.2 28.8
265 21.3 17.5 26.3

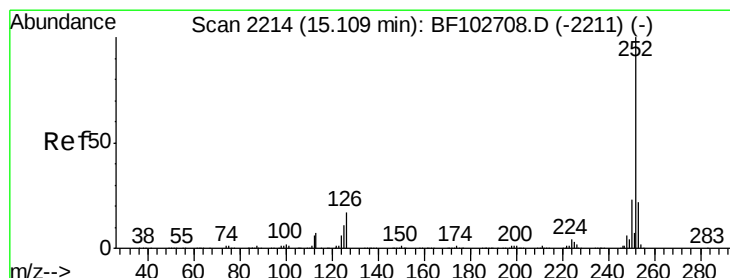
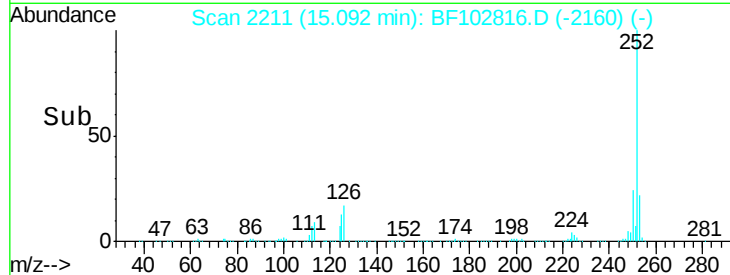
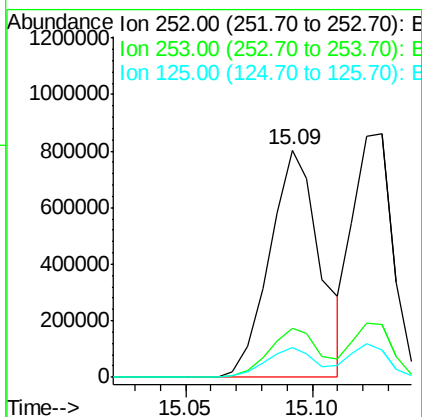
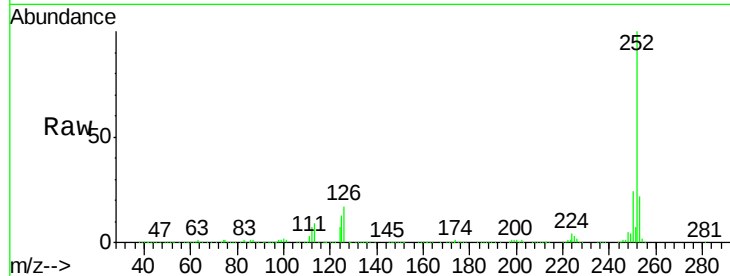




#87
Benzo(b)fluoranthene
Concen: 48.28 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

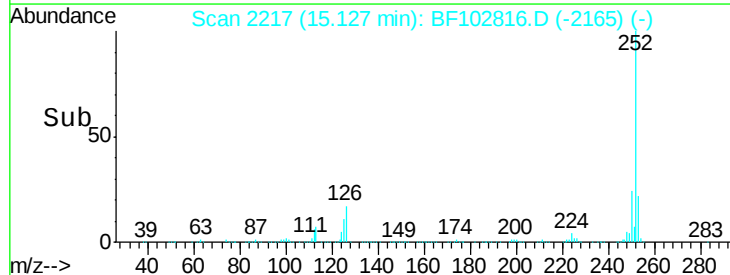
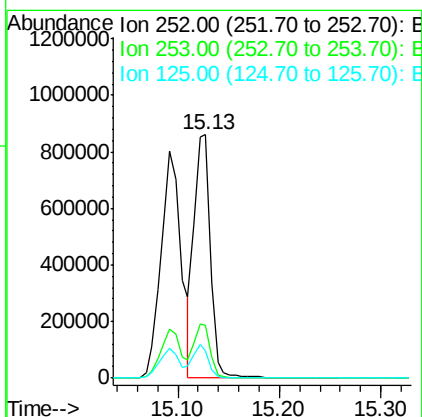
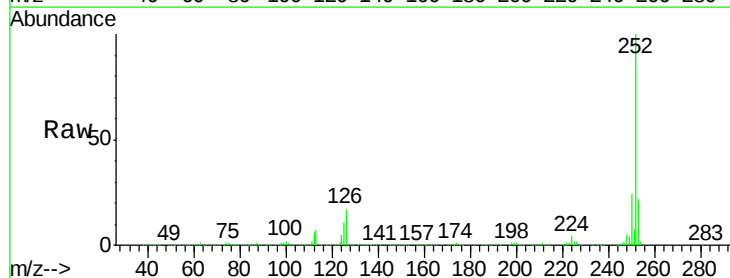
Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1117849
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 13.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 43.41 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion:252 Resp: 960332
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 11.5 10.2 15.2

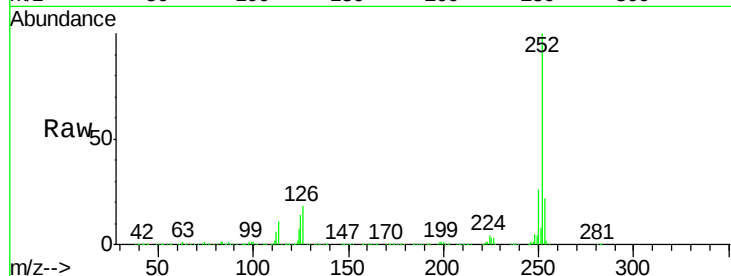




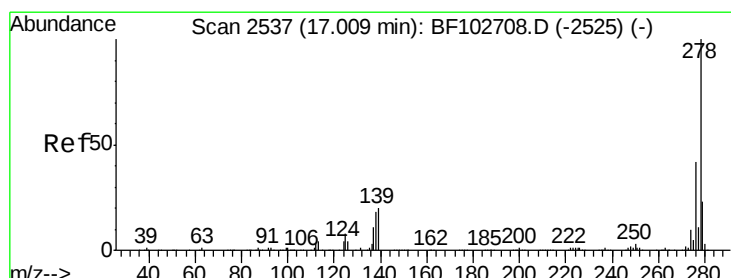
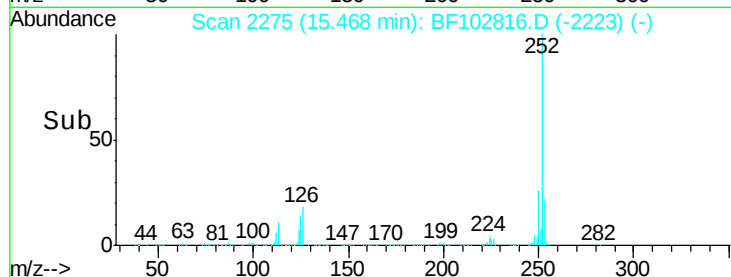
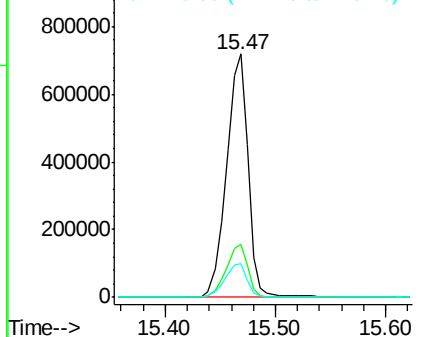
#89
Benzo(a)pyrene
Concen: 47.21 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 983824
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 13.8 9.8 14.6

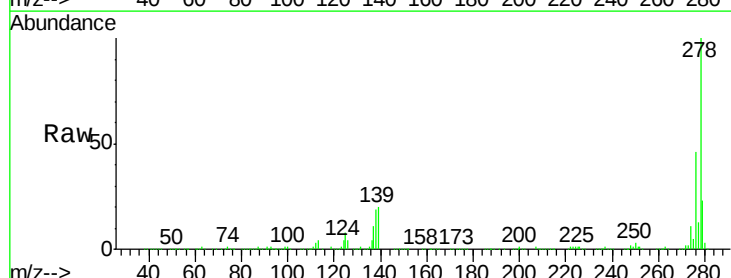


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

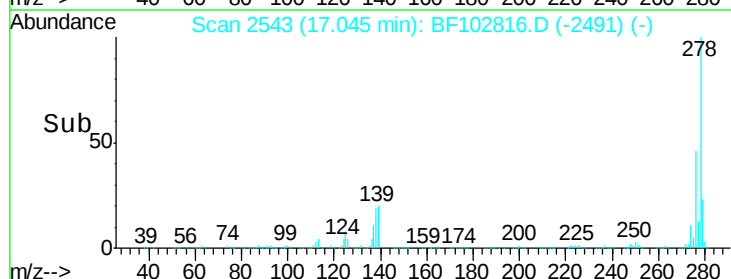
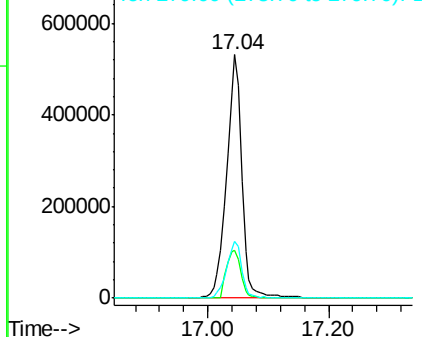


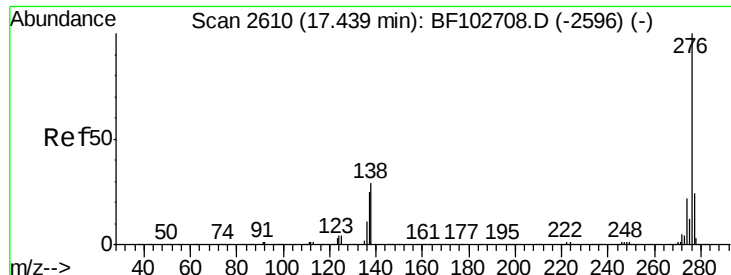
#90
Dibenzo(a,h)anthracene
Concen: 55.61 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion:278 Resp: 940705
Ion Ratio Lower Upper
278 100
139 19.6 15.9 23.9
279 23.5 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: 61.61 ng

RT: 17.49 min Scan# 2618

Delta R.T. 0.01 min

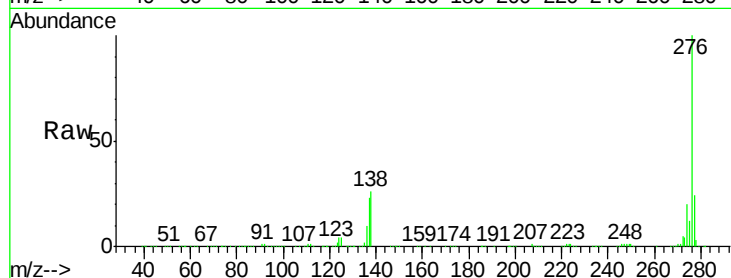
Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

ClientSampleId :



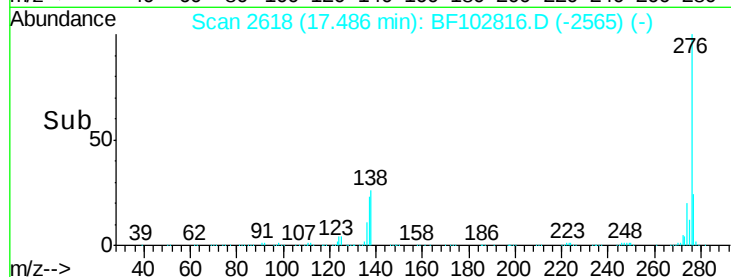
Tot Ion:276 Resp: 1020077

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 26.4 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

