

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102815.D
 Acq On : 7 Feb 2018 15:09
 Operator : SJ/JU
 Sample : J1455-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 02:15:25 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	192414	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	806157	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	362776	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	636823	20.00	ng	0.00
75) Chrysene-d12	14.05	240	401492	20.00	ng	0.00
86) Perylene-d12	15.53	264	330069	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	755983	59.67	ng	0.00
7) Phenol-d6	6.50	99	569131	37.31	ng	0.00
23) Nitrobenzene-d5	7.45	82	1220776	105.05	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	406717	139.29	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1928704	88.22	ng	0.00
78) Terphenyl-d14	13.00	244	1666778	98.30	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.70	88	101416	16.21	ng	86
3) Pyridine	3.49	79	199774	11.55	ng	90
4) n-Nitrosodimethylamine	3.41	42	134168	18.14	ng	95
6) Aniline	6.55	93	349510	15.51	ng	96
8) 2-Chlorophenol	6.67	128	503686	38.61	ng	99
9) Benzaldehyde	6.43	77	205627	18.15	ng	96
10) Phenol	6.52	94	231526	14.16	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	602142	44.26	ng	91
12) 1,3-Dichlorobenzene	6.82	146	608222	40.27	ng	98
13) 1,4-Dichlorobenzene	6.90	146	614658	40.85	ng	99
14) 1,2-Dichlorobenzene	7.06	146	559849	39.95	ng	97
15) Benzyl Alcohol	7.02	79	337225	28.75	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1112489	43.05	ng	98
17) 2-Methylphenol	7.13	107	360285	29.94	ng	100
18) Hexachloroethane	7.39	117	221033	42.84	ng	91
19) n-Nitroso-di-n-propylamine	7.30	70	438023	43.55	ng	97
20) 3+4-Methylphenols	7.28	107	370483	24.97	ng	# 78
22) Acetophenone	7.29	105	843847	42.78	ng	# 96
24) Nitrobenzene	7.47	77	668892	48.94	ng	96
25) Isophorone	7.70	82	1257816	47.00	ng	100
26) 2-Nitrophenol	7.78	139	343839	58.84	ng	98
27) 2,4-Dimethylphenol	7.82	122	510790	45.18	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	778608	49.12	ng	100
29) 2,4-Dichlorophenol	8.02	162	482428	46.94	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	489420	42.10	ng	99
31) Naphthalene	8.19	128	1691414	42.94	ng	99
32) Benzoic acid	7.89	122	108618	21.02	ng	99
33) 4-Chloroaniline	8.23	127	225723	13.30	ng	98
34) Hexachlorobutadiene	8.30	225	237657	39.89	ng	98
35) Caprolactam	8.62	113	15366	4.31	ng	90
36) 4-Chloro-3-methylphenol	8.71	107	496370	42.99	ng	96
37) 2-Methylnaphthalene	8.88	142	1152494	44.69	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	429650	43.50	ng	98
40) Hexachlorocyclopentadiene	9.03	237	413937	88.15	ng	98

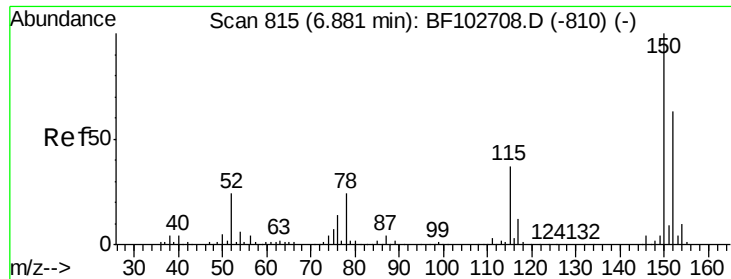
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102815.D
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Quant Time: Feb 08 02:15:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	331181	51.05	nq	98
43) 2,4,5-Trichlorophenol	9.19	196	354257	48.44	nq	98
45) 1,1'-Biphenyl	9.35	154	1327650	43.45	nq	100
46) 2-Chloronaphthalene	9.37	162	1067251	44.37	nq	99
47) 2-Nitroaniline	9.46	65	404180	53.98	nq	87
48) Acenaphthylene	9.79	152	1612491	43.16	nq	99
49) Dimethylphthalate	9.65	163	1278677	45.20	nq	99
50) 2,6-Dinitrotoluene	9.71	165	298397	55.45	nq	93
51) Acenaphthene	9.96	154	983283	44.01	nq	99
52) 3-Nitroaniline	9.87	138	134378	20.29	nq	92
53) 2,4-Dinitrophenol	9.99	184	274085	115.53	nq	# 19
54) Dibenzofuran	10.13	168	1430401	45.43	nq	97
55) 4-Nitrophenol	10.03	139	184561	36.23	nq	92
56) 2,4-Dinitrotoluene	10.11	165	397417	54.61	nq	97
57) Fluorene	10.47	166	1047372	45.72	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	271632	53.59	nq	91
59) Diethylphthalate	10.35	149	1247273	44.66	nq	98
60) 4-Chlorophenyl-phenylether	10.46	204	471893	46.56	nq	100
61) 4-Nitroaniline	10.49	138	302366	47.97	nq	91
62) Azobenzene	10.63	77	1245441	44.64	nq	94
64) 4,6-Dinitro-2-methylphenol	10.52	198	184721	63.22	nq	85
65) n-Nitrosodiphenylamine	10.59	169	987176	43.95	nq	99
66) 4-Bromophenyl-phenylether	10.96	248	308589	45.81	nq	# 89
67) Hexachlorobenzene	11.02	284	332334	44.72	nq	92
68) Atrazine	11.12	200	300284	45.31	nq	97
69) Pentachlorophenol	11.22	266	360635	82.67	nq	99
70) Phenanthrene	11.44	178	1551635	43.75	nq	99
71) Anthracene	11.49	178	1588997	44.05	nq	100
72) Carbazole	11.64	167	1548657	43.82	nq	99
73) Di-n-butylphthalate	11.97	149	1869198	43.54	nq	99
74) Fluoranthene	12.63	202	1578847	44.25	nq	99
76) Benzidine	12.74	184	154416	8.37	nq	98
77) Pyrene	12.86	202	1589315	50.48	nq	100
79) Butylbenzylphthalate	13.46	149	776346	51.48	nq	98
80) Benzo(a)anthracene	14.04	228	1229065	48.68	nq	98
81) 3,3'-Dichlorobenzidine	14.00	252	242414	25.89	nq	98
82) Chrysene	14.08	228	1157538	45.48	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	979143	50.77	nq	99
84) Di-n-octyl phthalate	14.63	149	1504553	51.95	nq	98
85) Indeno(1,2,3-cd)pyrene	17.03	276	1094161	51.83	nq	99
87) Benzo(b)fluoranthene	15.09	252	1070273	50.01	nq	97
88) Benzo(k)fluoranthene	15.13	252	947850	46.36	nq	98
89) Benzo(a)pyrene	15.47	252	949035	49.27	nq	98
90) Dibenzo(a,h)anthracene	17.04	278	890095	56.93	nq	99
91) Benzo(g,h,i)perylene	17.49	276	970650	63.43	nq	98

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

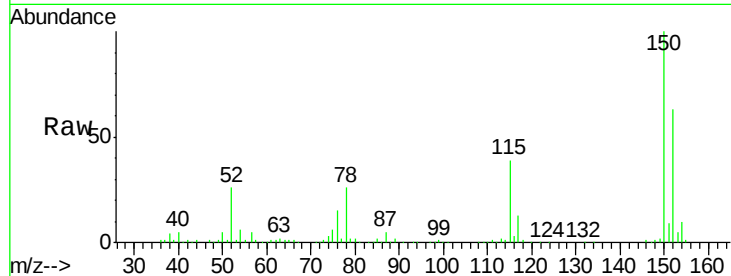


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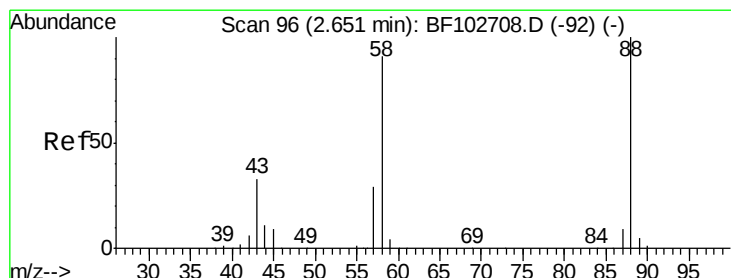
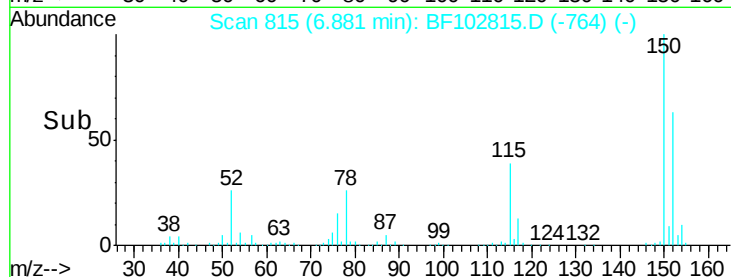
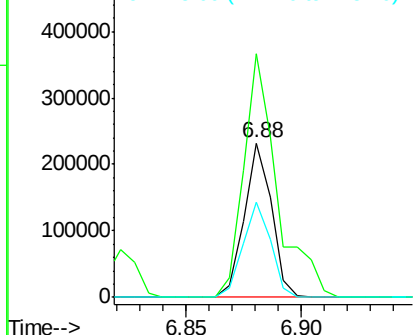
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 192414
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 61.8 50.1 75.1



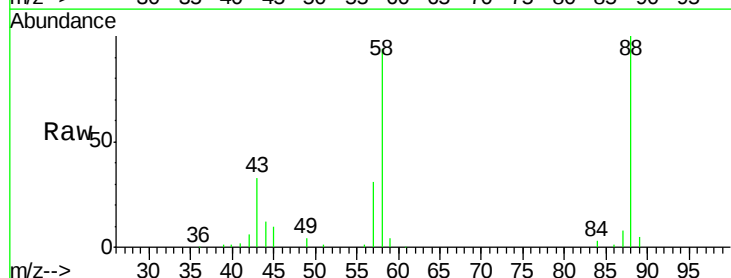
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



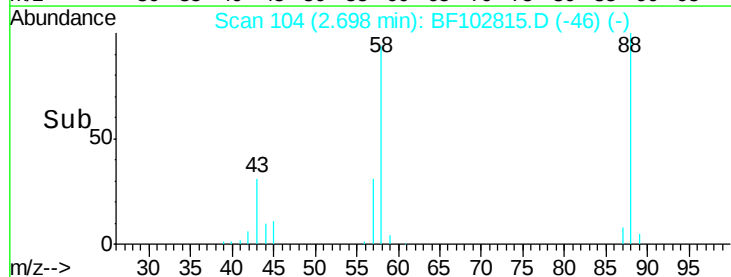
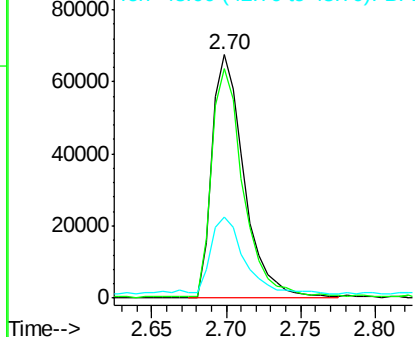
#2

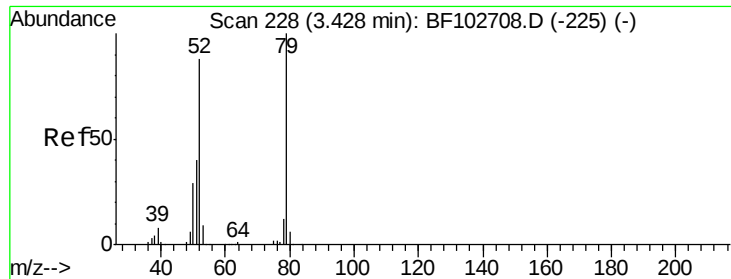
1,4-Dioxane
Concen: 16.21 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.04 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

Tgt Ion: 88 Resp: 101416
Ion Ratio Lower Upper
88 100
58 92.6 62.6 93.8
43 34.7 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: 11.55 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.05 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Instrument :

BNA_F

ClientSampleId :

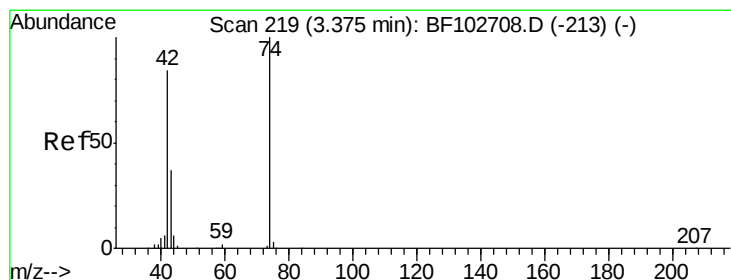
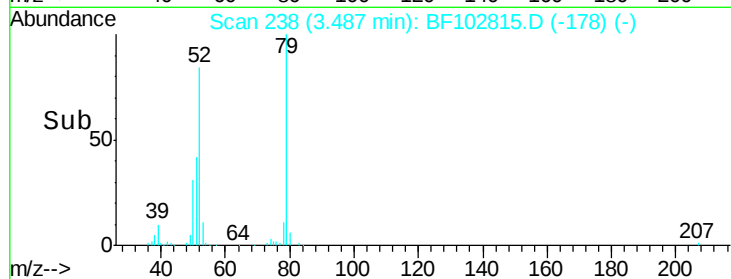
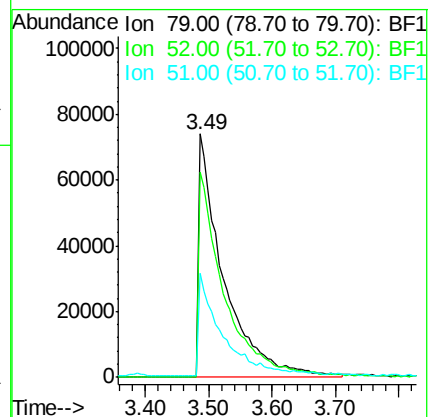
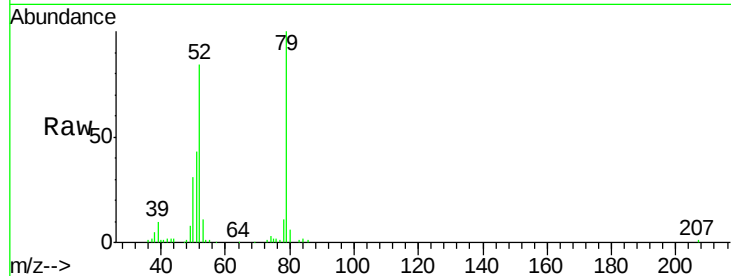
Tot Ion: 79 Resp: 199774

Ion Ratio Lower Upper

79 100

52 84.1 59.8 89.6

51 42.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 18.14 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.02 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

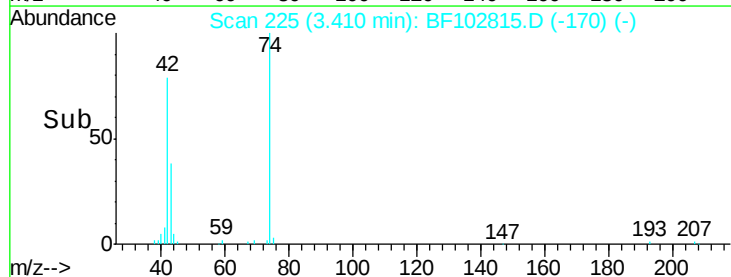
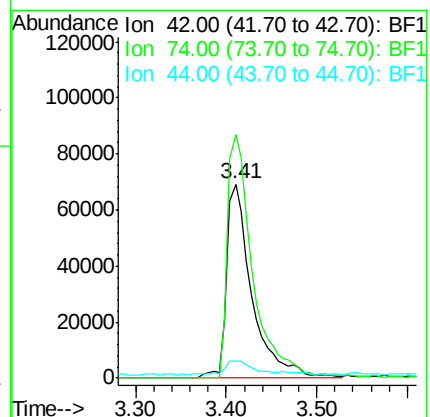
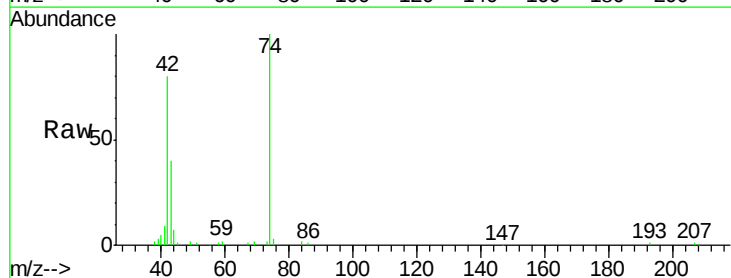
Tgt Ion: 42 Resp: 134168

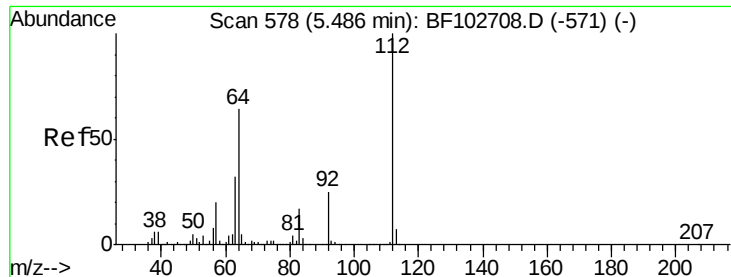
Ion Ratio Lower Upper

42 100

74 125.4 104.9 157.3

44 8.8 6.9 10.3





#5

2-Fluorophenol

Concen: 59.67 ng

RT: 5.50 min Scan# 580

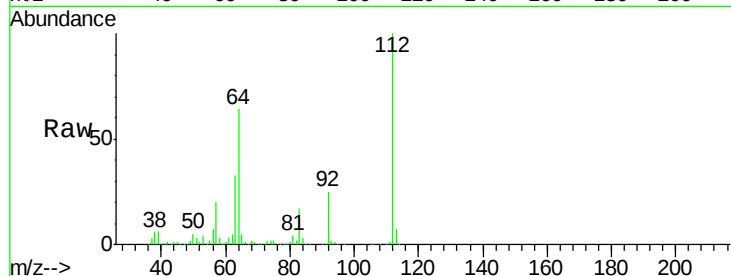
Delta R.T. 0.01 min

Lab File: BF102815.D

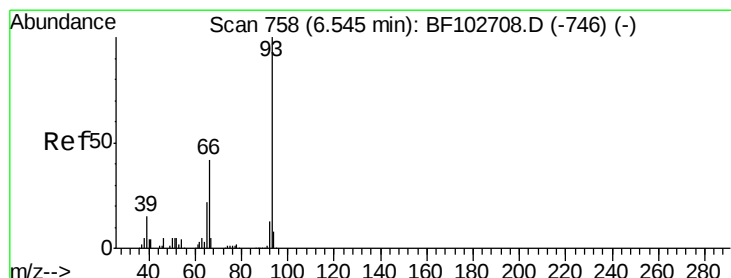
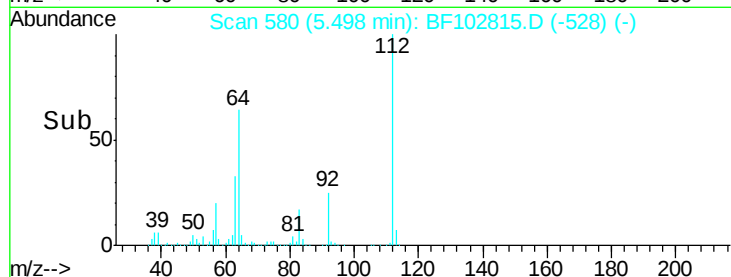
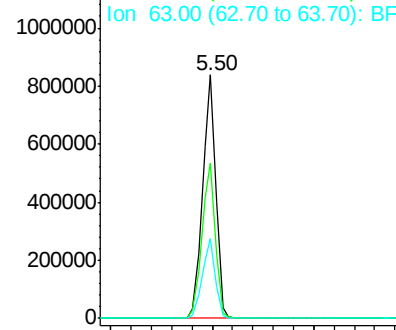
Acq: 7 Feb 2018 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	755983
Ion	Ratio	Lower	Upper
112	100		
64	63.6	47.9	71.9
63	32.8	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1



#6

Aniline

Concen: 15.51 ng

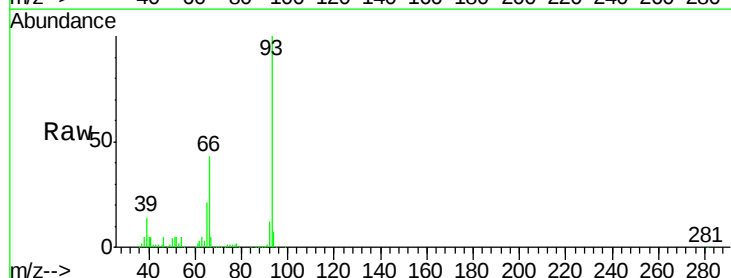
RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

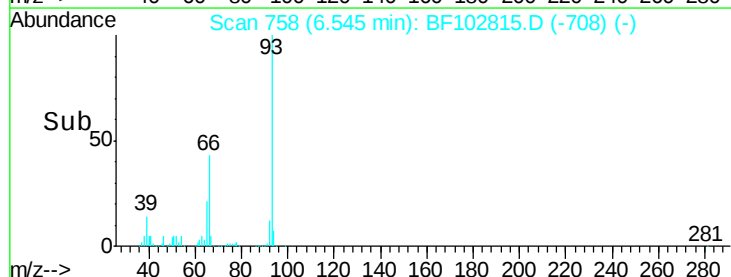
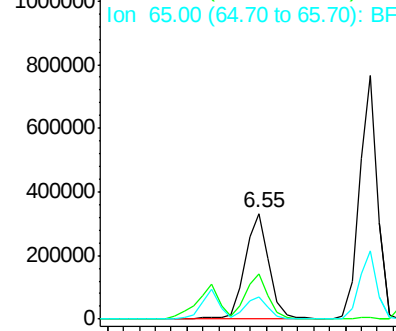
Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Tgt Ion:	93	Resp:	349510
Ion	Ratio	Lower	Upper
93	100		
66	43.1	32.2	48.2
65	21.2	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1





#7

Phenol-d6

Concen: 37.31 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Instrument :

BNA_F

ClientSampleId :

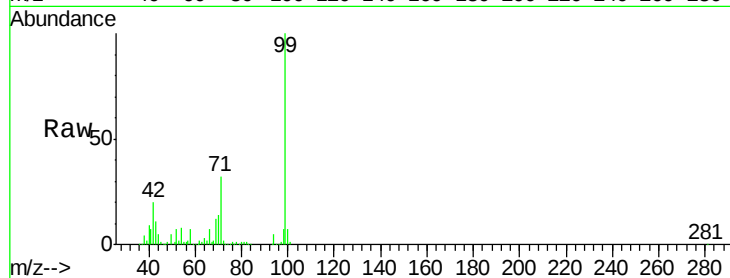
Tot Ion: 99 Resp: 569131

Ion Ratio Lower Upper

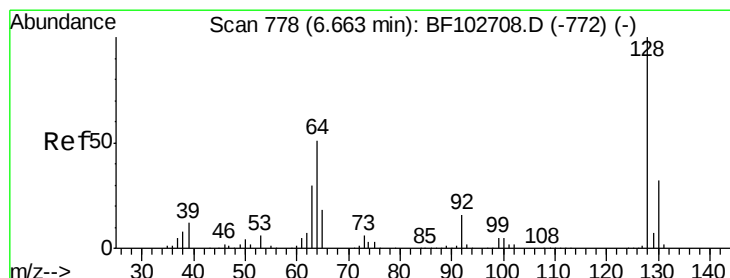
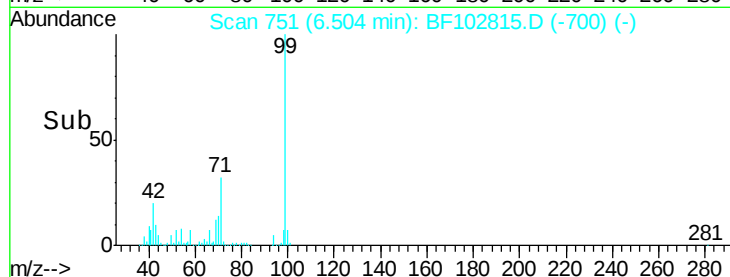
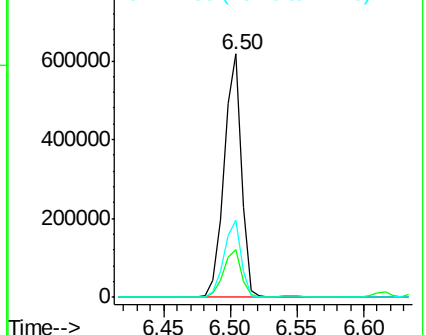
99 100

42 19.5 14.5 21.7

71 31.5 25.4 38.0



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



#8

2-Chlorophenol

Concen: 38.61 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

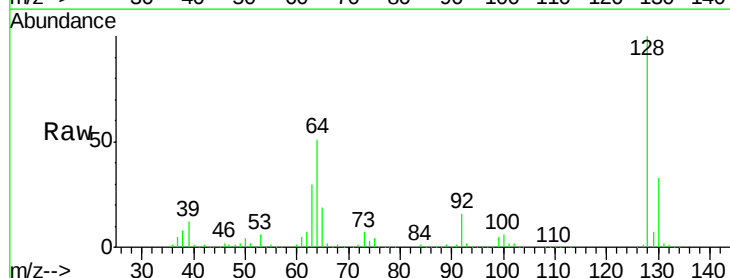
Tgt Ion: 128 Resp: 503686

Ion Ratio Lower Upper

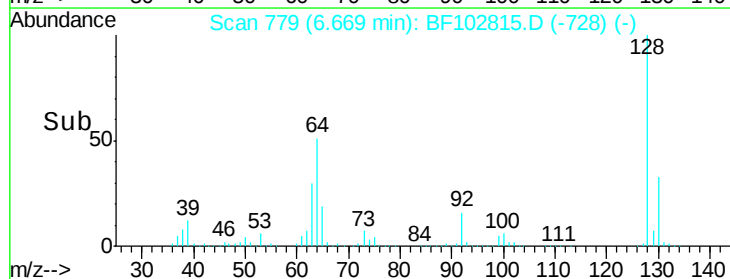
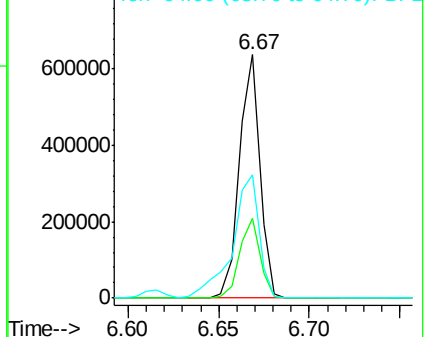
128 100

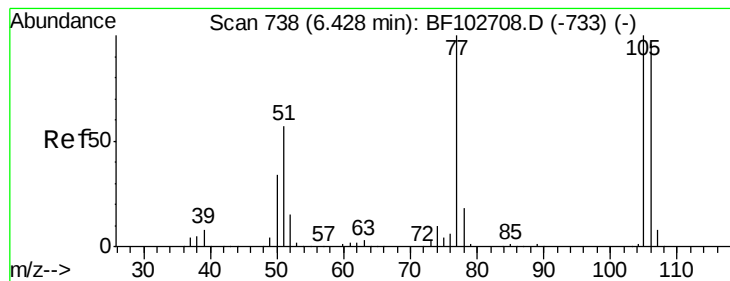
130 32.5 13.0 53.0

64 50.7 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: 18.15 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Instrument :

BNA_F

ClientSampleId :

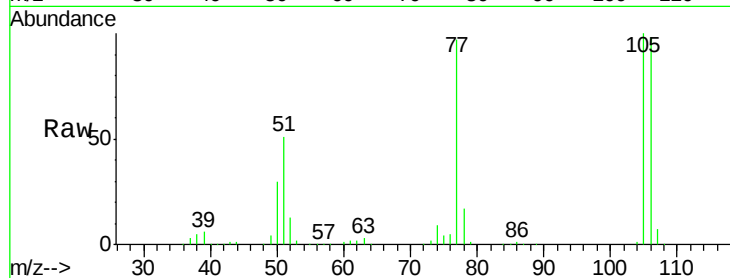
Tot Ion: 77 Resp: 205627

Ion Ratio Lower Upper

77 100

105 102.8 81.1 121.1

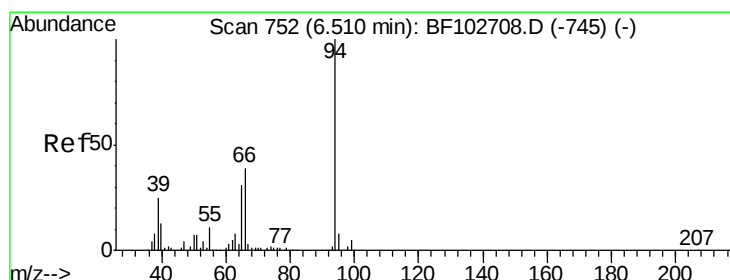
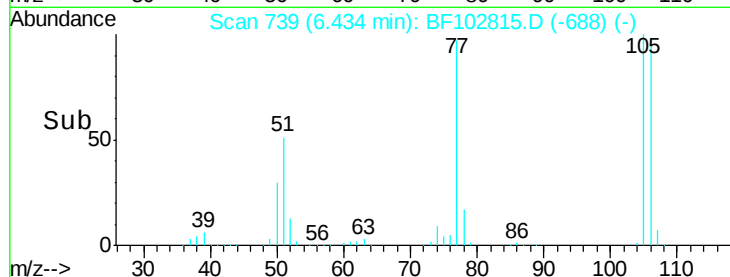
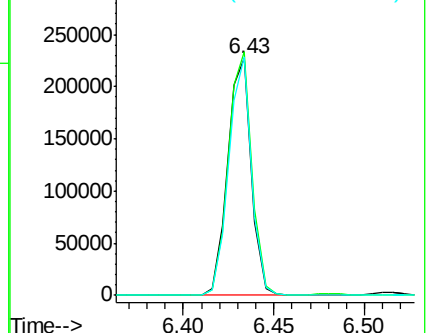
106 100.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 14.16 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

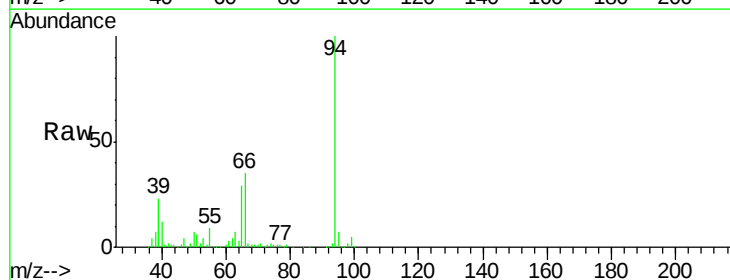
Tgt Ion: 94 Resp: 231526

Ion Ratio Lower Upper

94 100

65 29.1 7.9 47.9

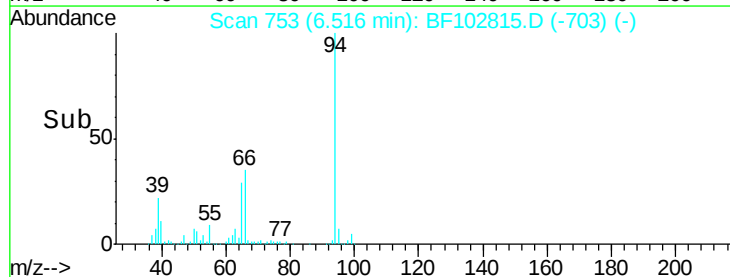
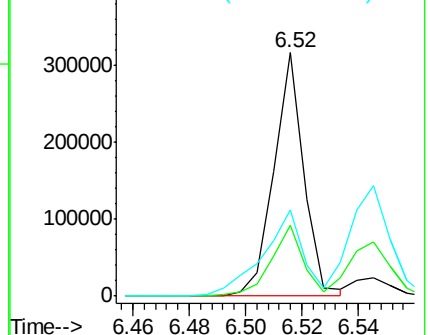
66 35.3 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

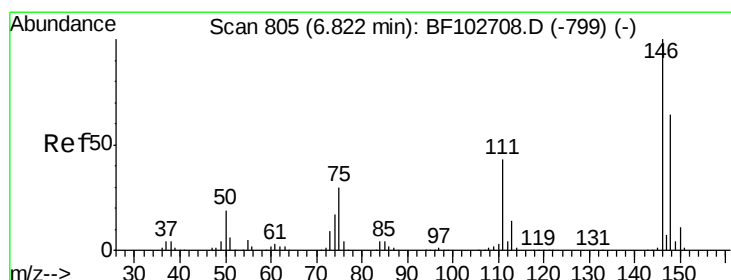
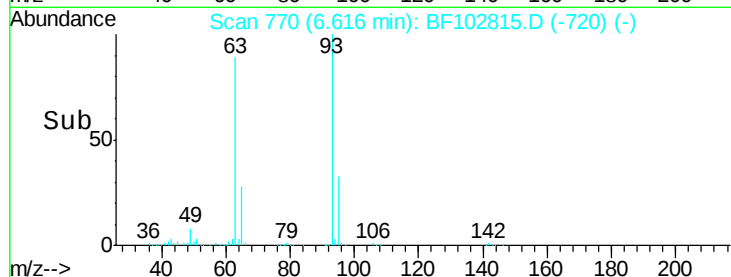
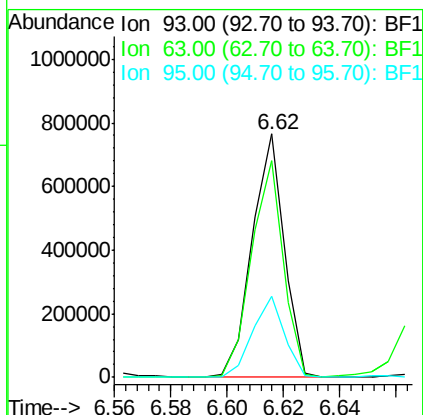
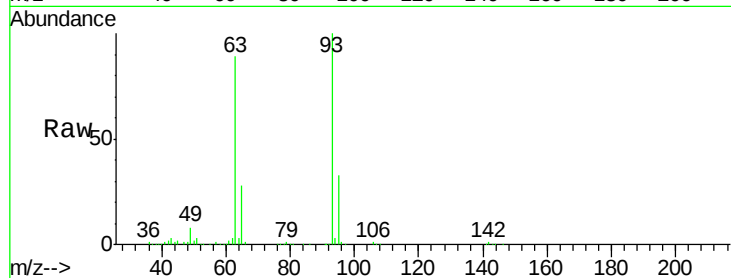




#11
bis(2-Chloroethyl)ether
Concen: 44.26 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

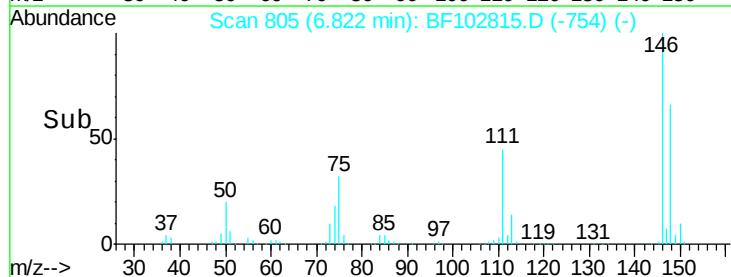
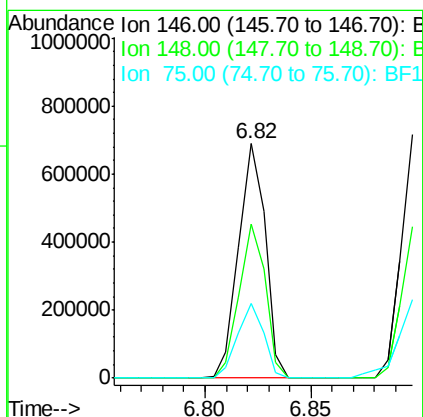
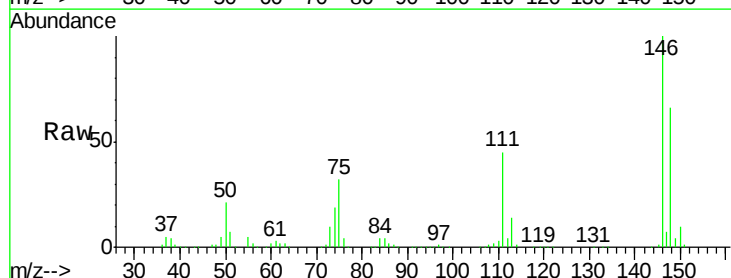
Instrument :
BNA_F
ClientSampleId :

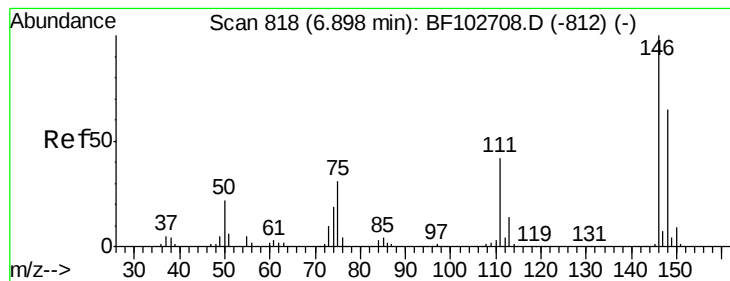
Tot Ion: 93 Resp: 602142
Ion Ratio Lower Upper
93 100
63 89.0 58.6 98.6
95 33.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.27 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

Tgt Ion: 146 Resp: 608222
Ion Ratio Lower Upper
146 100
148 65.8 51.8 77.8
75 31.8 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 40.85 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Instrument :

BNA_F

ClientSampleId :

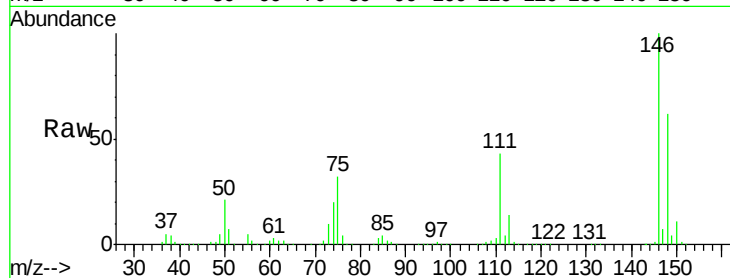
Tot Ion:146 Resp: 614658

Ion Ratio Lower Upper

146 100

148 62.0 50.8 76.2

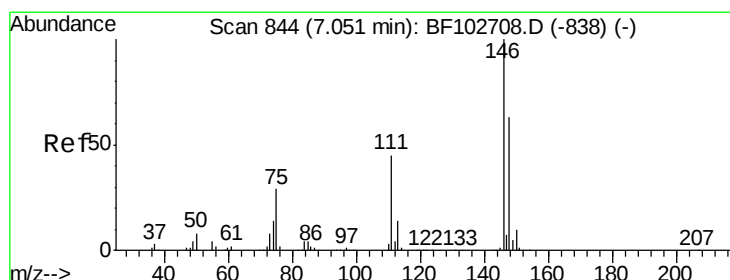
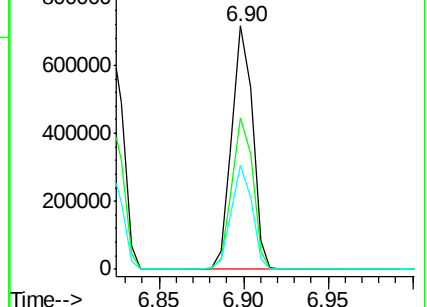
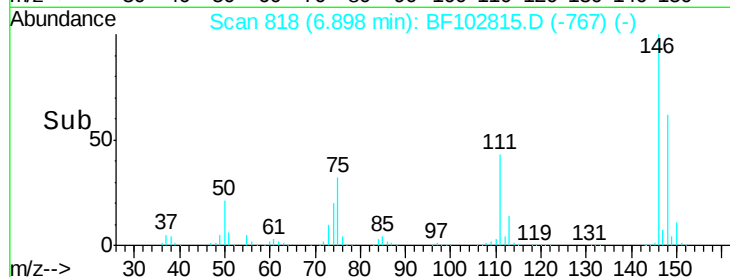
111 42.7 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.95 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

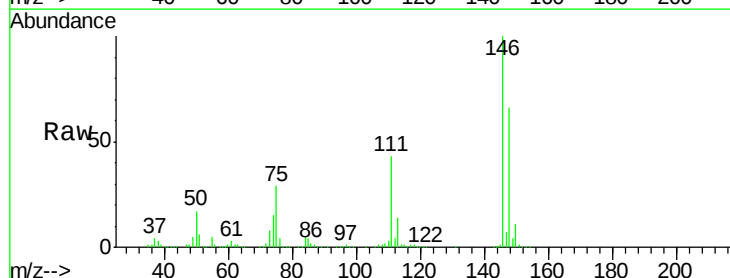
Tgt Ion:146 Resp: 559849

Ion Ratio Lower Upper

146 100

148 65.8 50.6 75.8

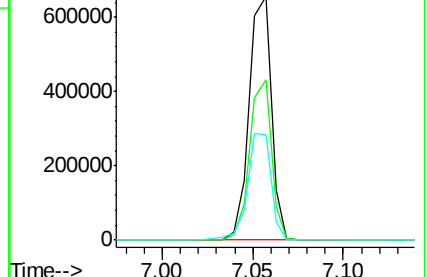
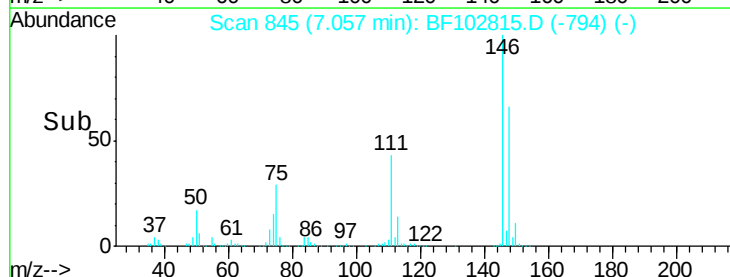
111 43.2 36.0 54.0

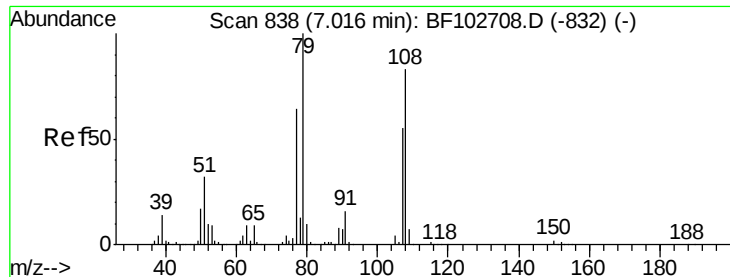


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 28.75 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Instrument :

BNA_F

ClientSampleId :

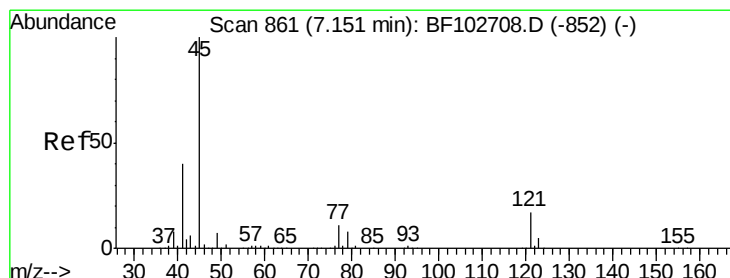
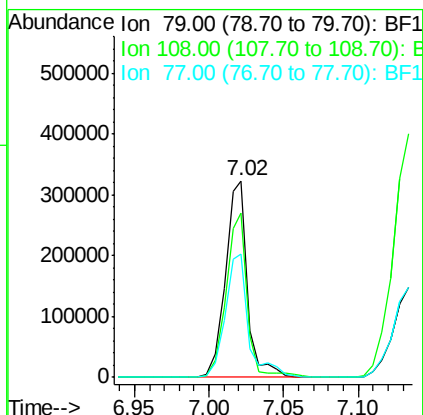
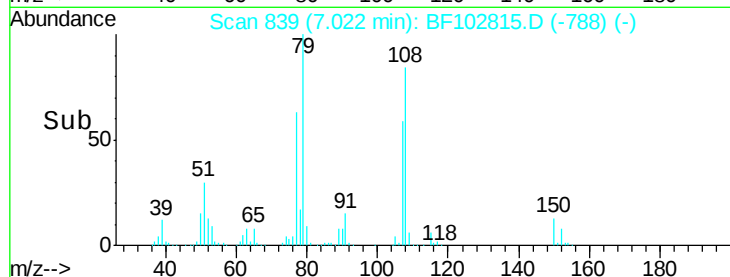
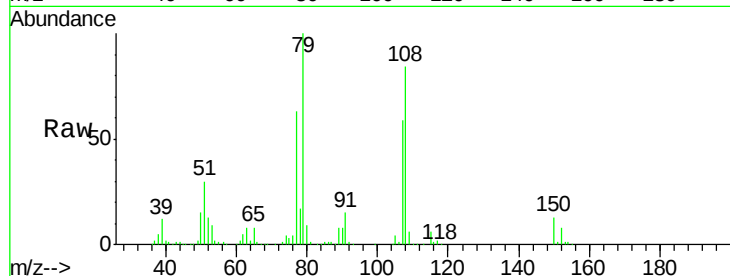
Tot Ion: 79 Resp: 337225

Ion Ratio Lower Upper

79 100

108 83.6 65.1 97.7

77 62.8 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.05 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

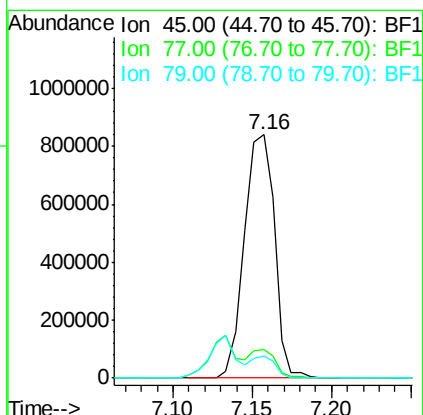
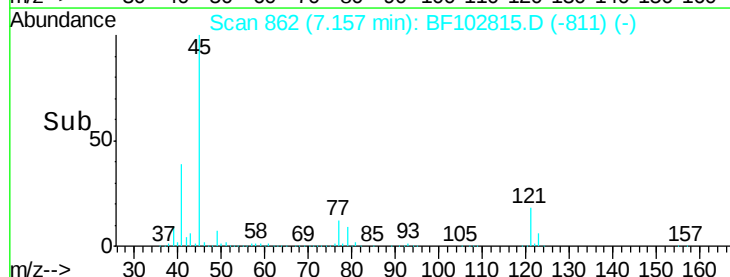
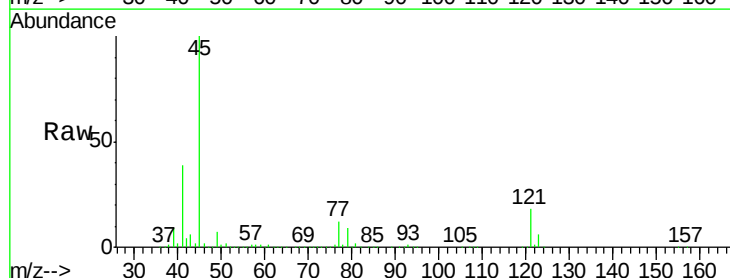
Tgt Ion: 45 Resp: 1112489

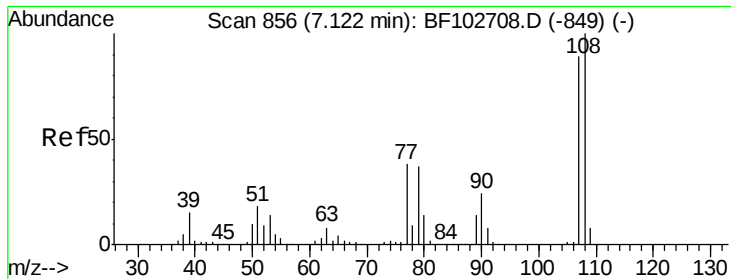
Ion Ratio Lower Upper

45 100

77 11.9 0.0 32.9

79 9.3 0.0 29.6





#17

2-Methylphenol

Concen: 29.94 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 360285

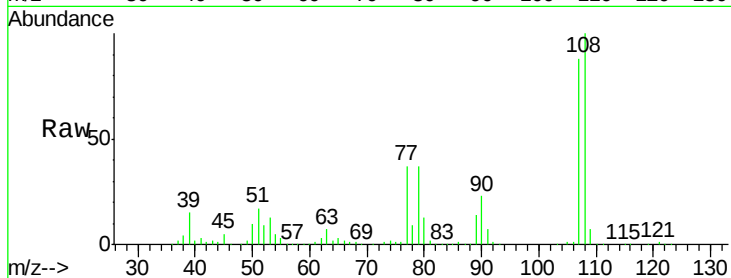
Ion Ratio Lower Upper

107 100

108 114.1 91.7 137.5

77 42.0 33.8 50.8

79 41.9 33.8 50.8

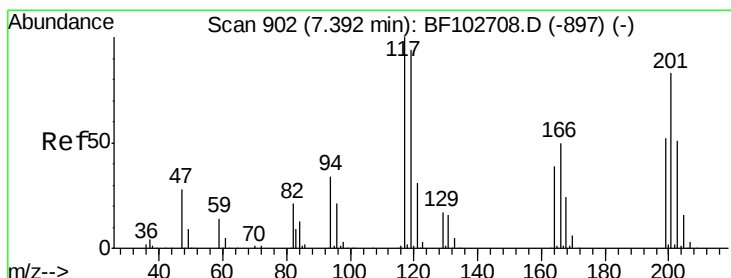
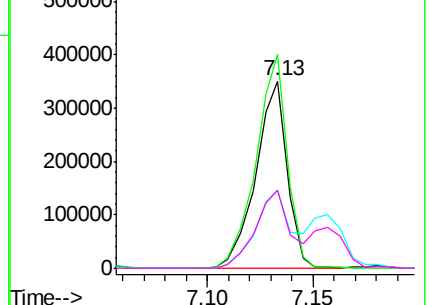
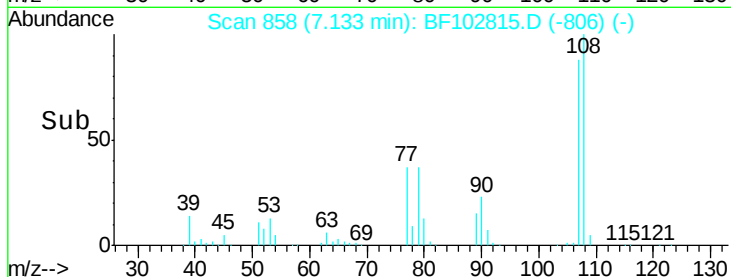


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.84 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

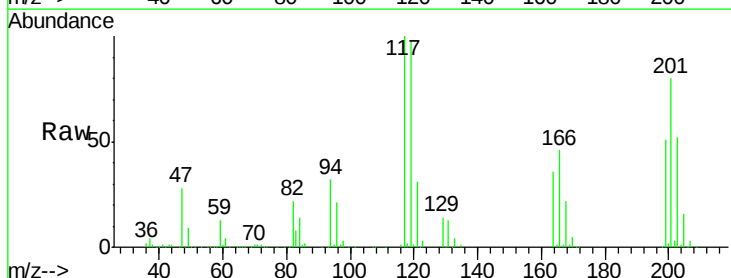
Tgt Ion:117 Resp: 221033

Ion Ratio Lower Upper

117 100

119 97.7 75.8 113.8

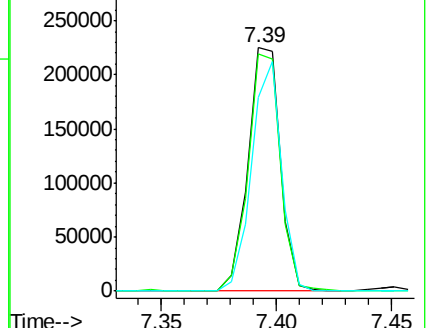
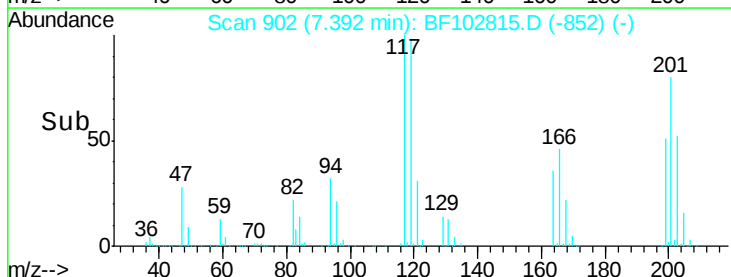
201 79.8 75.7 113.5

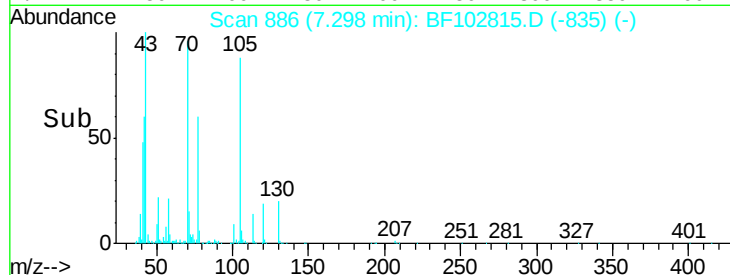
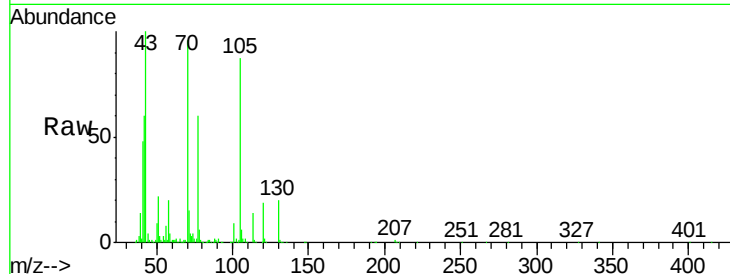
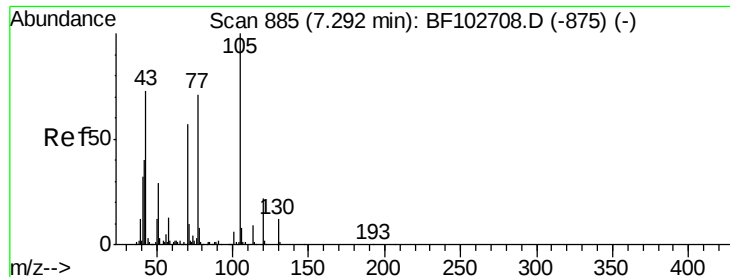


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

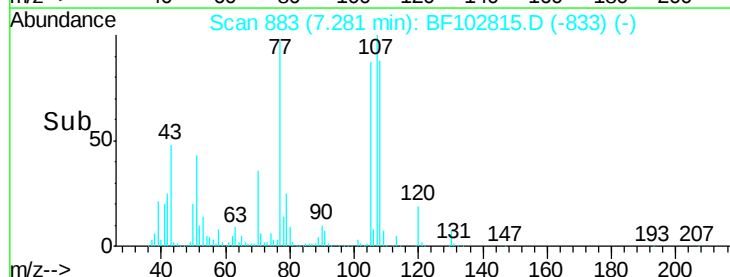
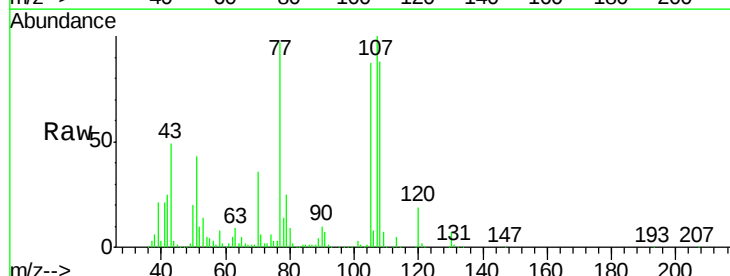
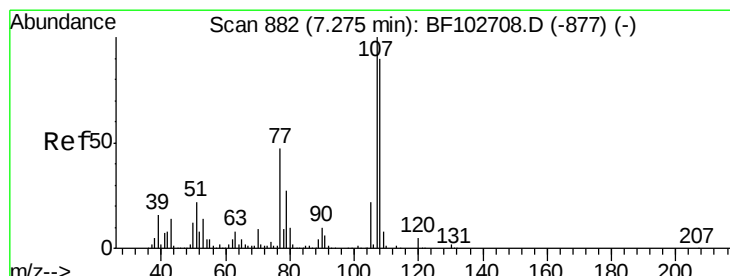
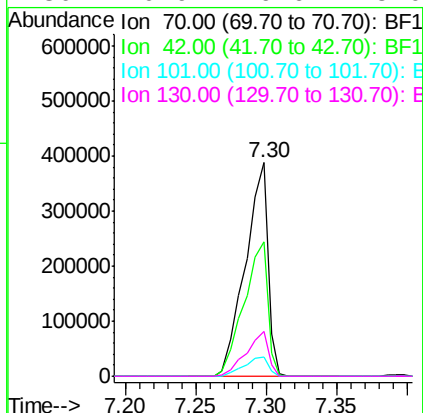




#19
n-Nitroso-di-n-propylamine
Concen: 43.55 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

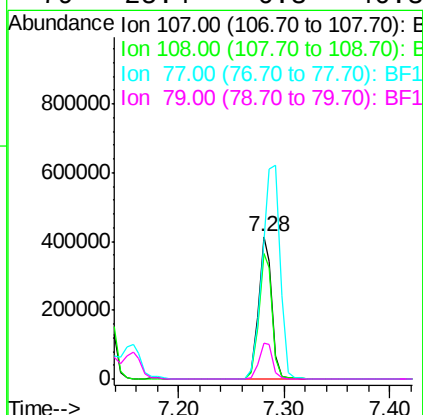
Instrument :
BNA_F
ClientSampled :

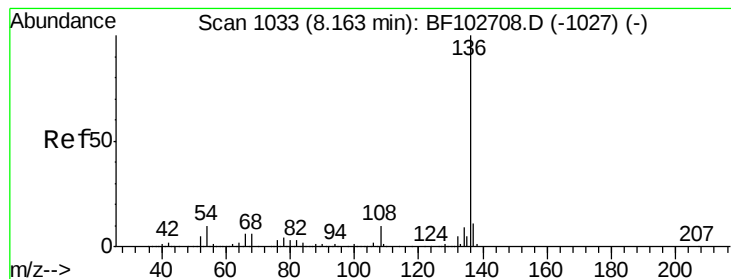
Tot Ion	70	Resp	438023
Ion Ratio	Lower	Upper	
70	100		
42	62.7	47.5	71.3
101	9.3	7.4	11.2
130	20.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 24.97 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

Tgt Ion	107	Resp	370483
Ion Ratio	Lower	Upper	
107	100		
108	88.1	68.2	108.2
77	97.1	26.7	66.7#
79	25.4	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: BF102815.D

Acq: 7 Feb 2018 15:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 806157

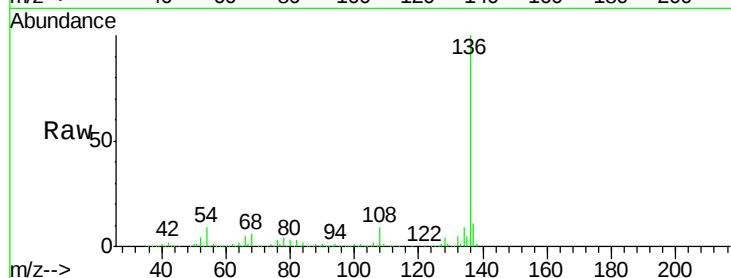
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.1 6.6 9.8

68 6.2 5.0 7.4

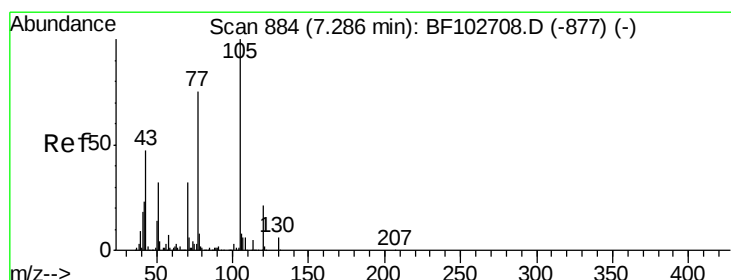
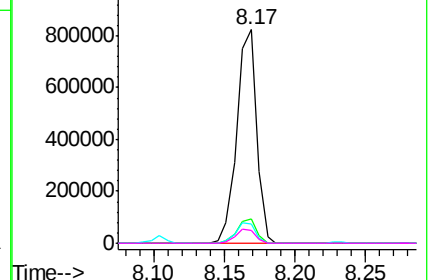
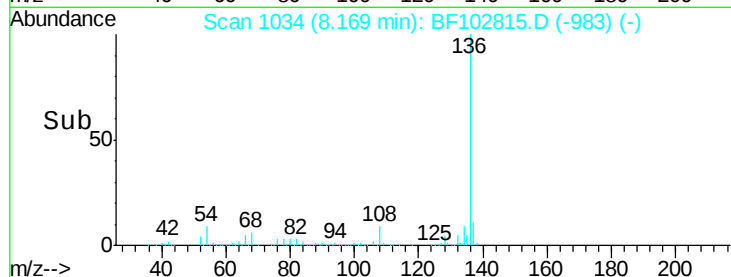


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.78 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Tgt Ion:105 Resp: 843847

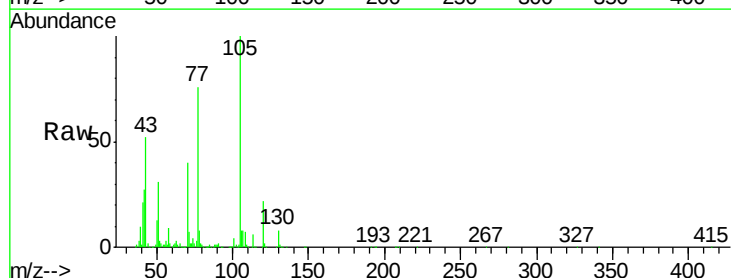
Ion Ratio Lower Upper

105 100

71 6.8 4.4 6.6#

51 30.7 22.3 33.5

120 22.0 16.9 25.3

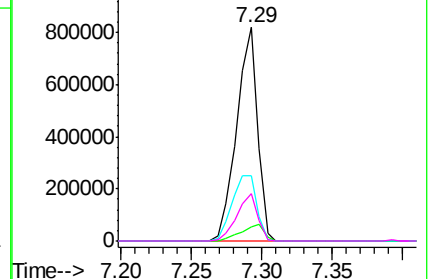
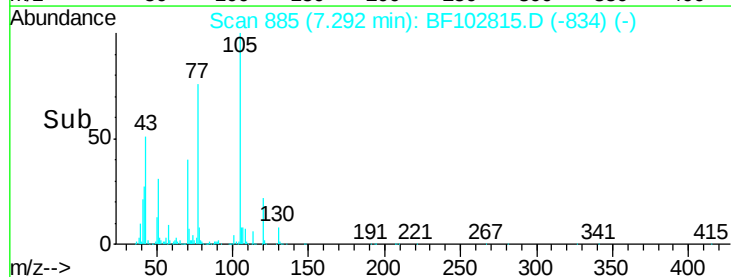


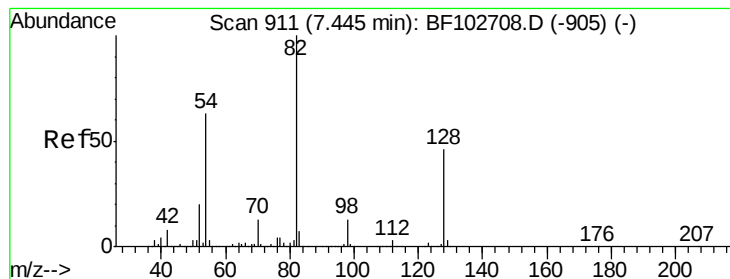
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 105.05 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Instrument :

BNA_F

ClientSampleId :

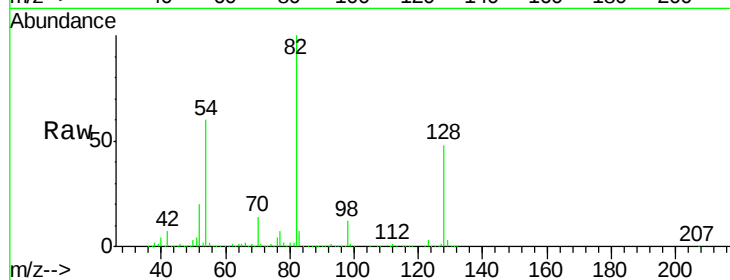
Tot Ion: 82 Resp: 1220776

Ion Ratio Lower Upper

82 100

128 48.2 36.1 54.1

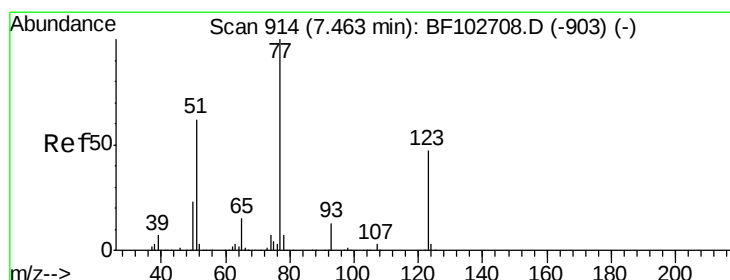
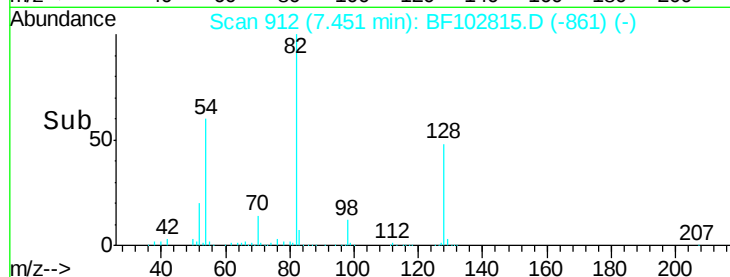
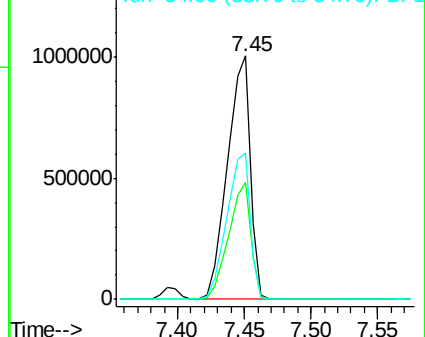
54 60.0 41.4 62.2



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: 48.94 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

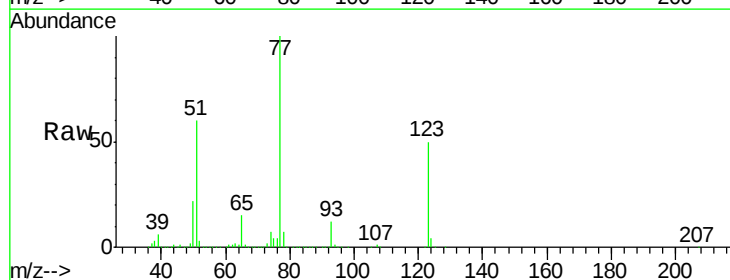
Tgt Ion: 77 Resp: 668892

Ion Ratio Lower Upper

77 100

123 50.5 37.9 56.9

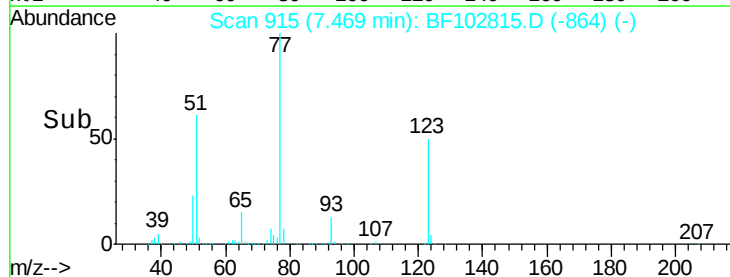
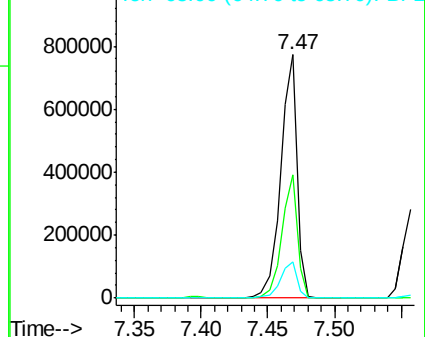
65 14.9 11.0 16.4



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: 47.00 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Instrument :

BNA_F

ClientSampleId :

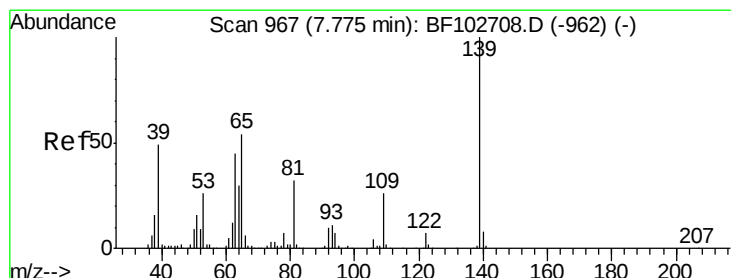
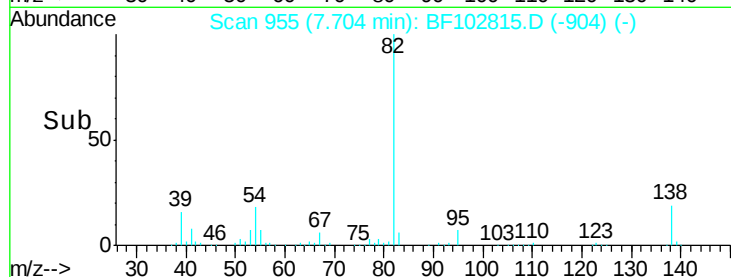
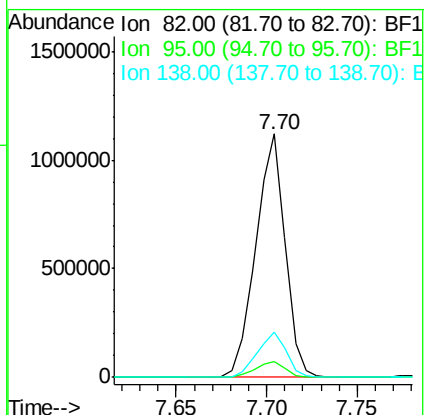
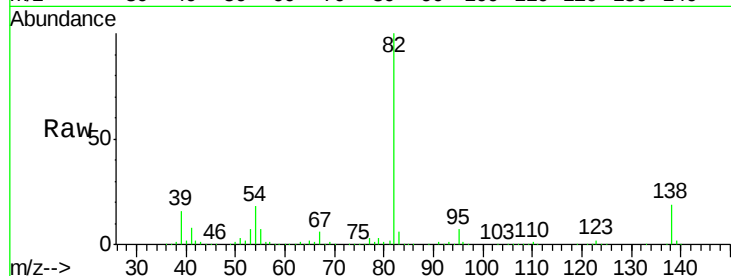
Tot Ion: 82 Resp: 1257816

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 18.7 14.9 22.3



#26

2-Nitrophenol

Concen: 58.84 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

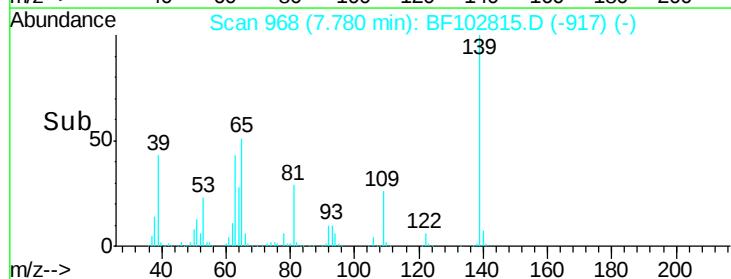
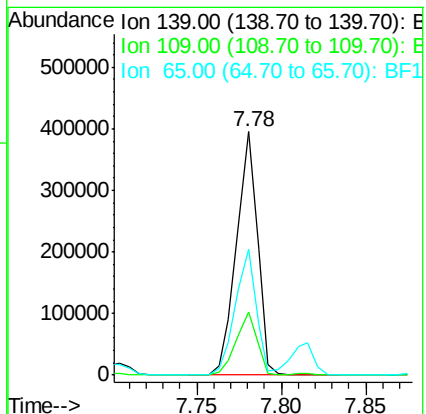
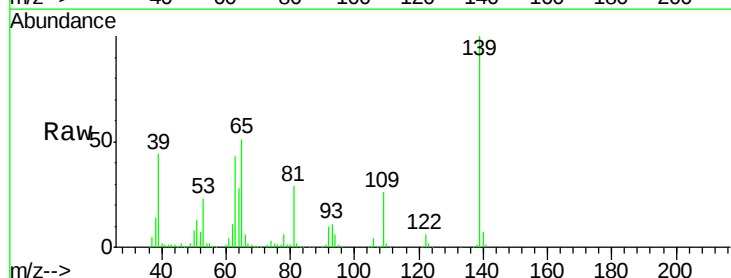
Tgt Ion: 139 Resp: 343839

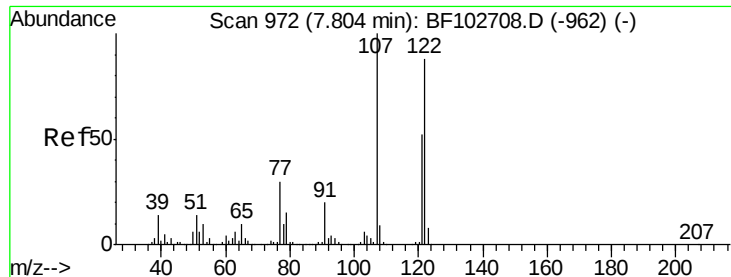
Ion Ratio Lower Upper

139 100

109 26.0 22.7 34.1

65 51.5 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 45.18 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Instrument :

BNA_F

ClientSampleId :

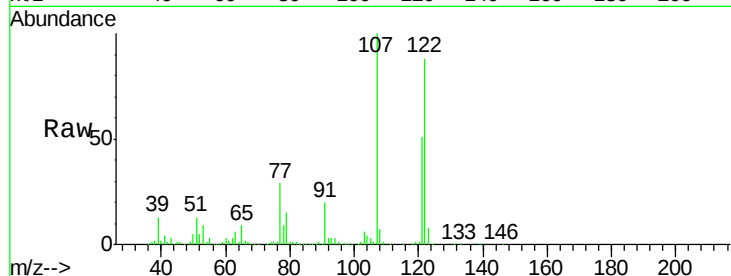
Tot Ion:122 Resp: 510790

Ion Ratio Lower Upper

122 100

107 114.2 91.2 136.8

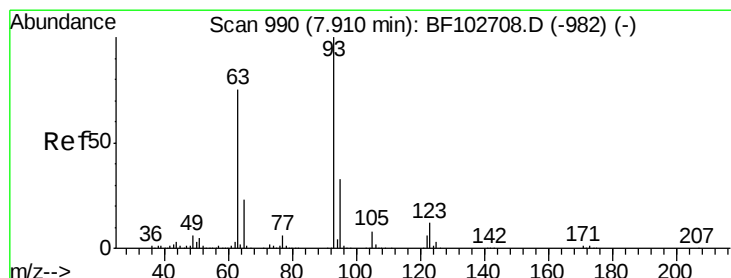
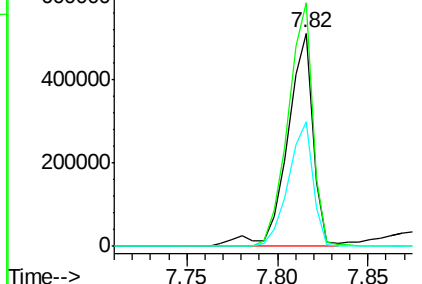
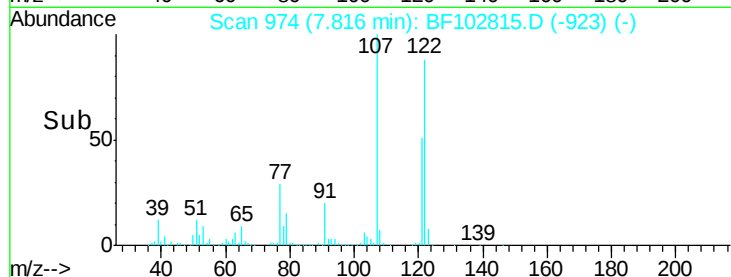
121 58.4 47.2 70.8



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: 49.12 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

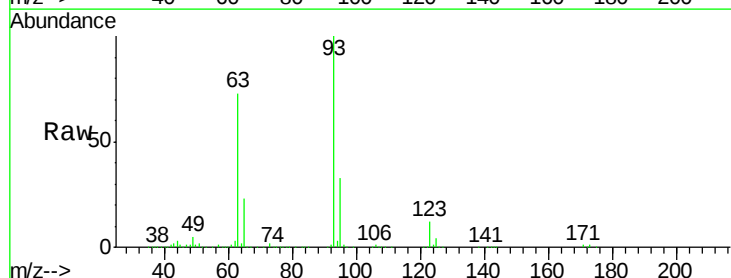
Tgt Ion: 93 Resp: 778608

Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

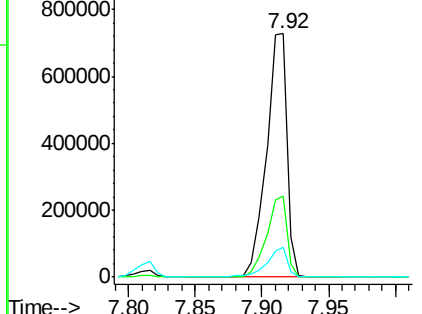
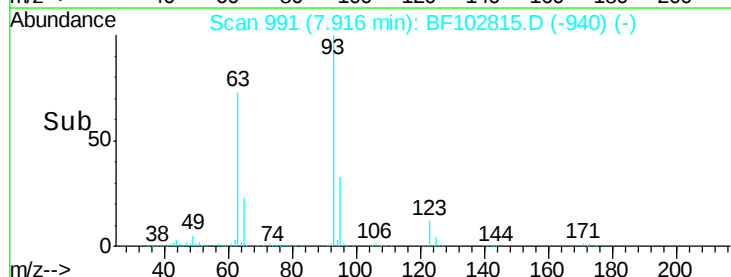
123 12.1 9.8 14.6

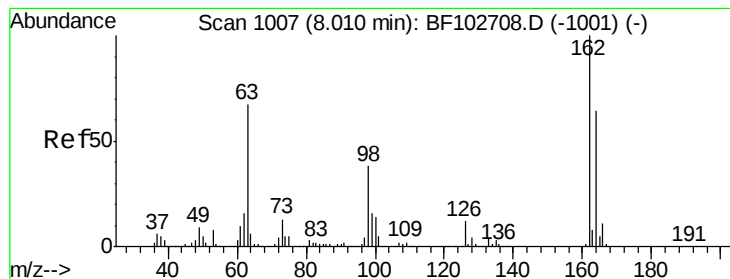


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 46.94 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Instrument :

BNA_F

ClientSampleId :

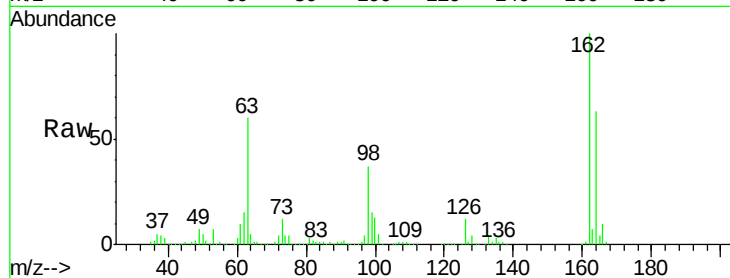
Tot Ion:162 Resp: 482428

Ion Ratio Lower Upper

162 100

164 63.5 42.7 82.7

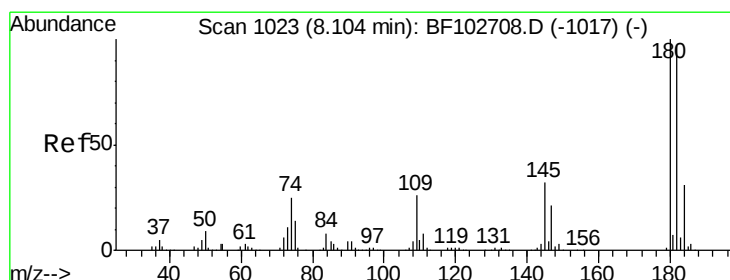
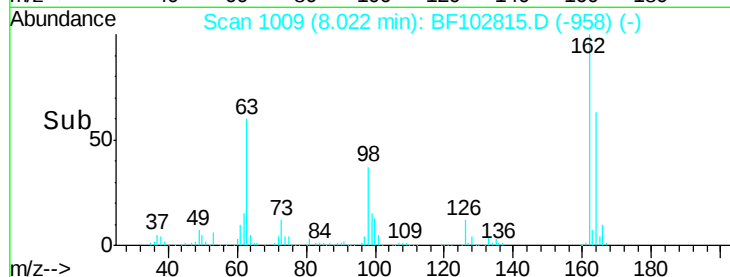
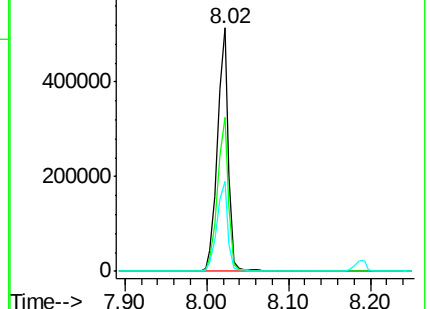
98 36.9 18.1 58.1



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: 42.10 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

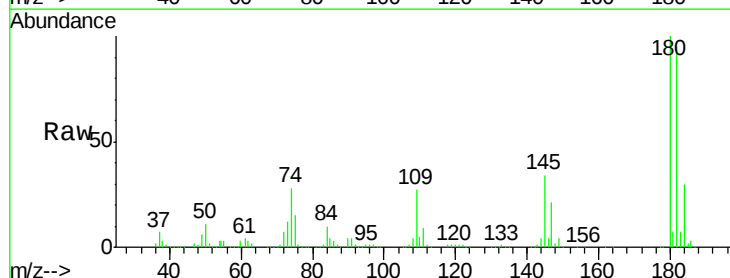
Tgt Ion:180 Resp: 489420

Ion Ratio Lower Upper

180 100

182 94.8 76.8 115.2

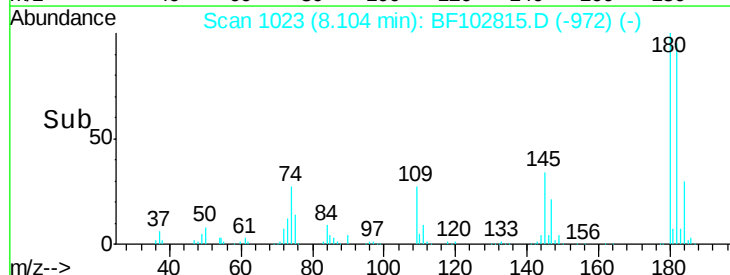
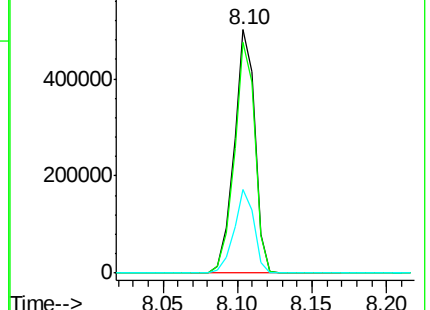
145 34.2 26.5 39.7

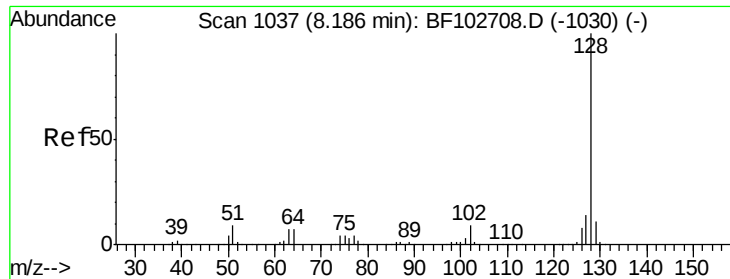


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

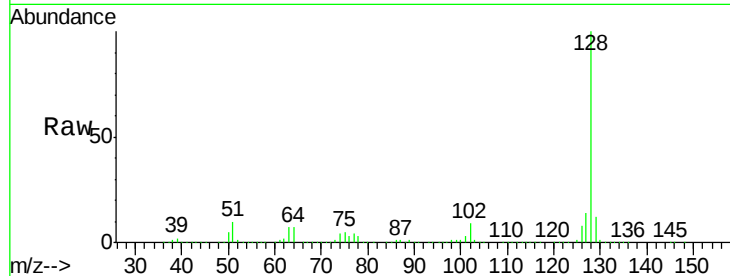




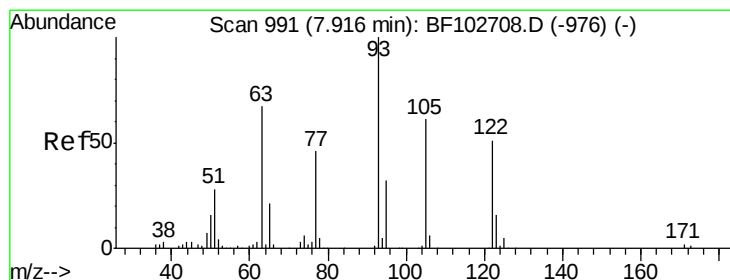
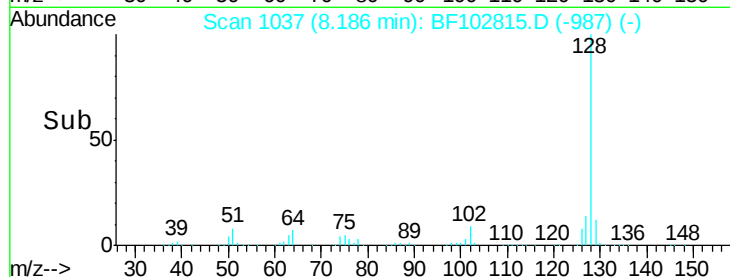
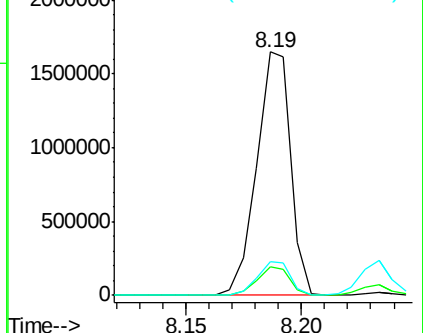
#31
Naphthalene
Concen: 42.94 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1691414
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 13.9 10.9 16.3

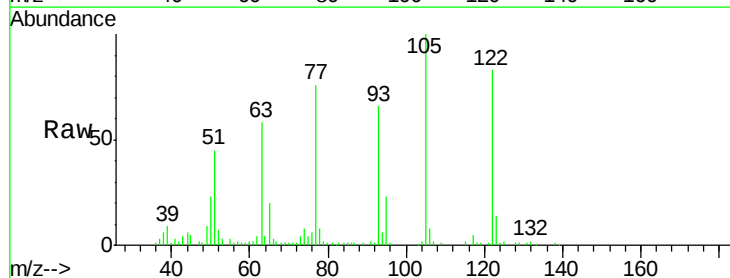


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

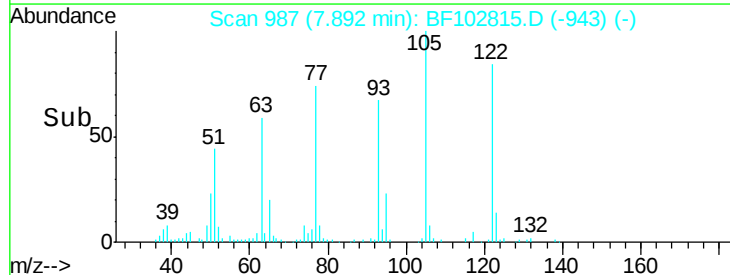
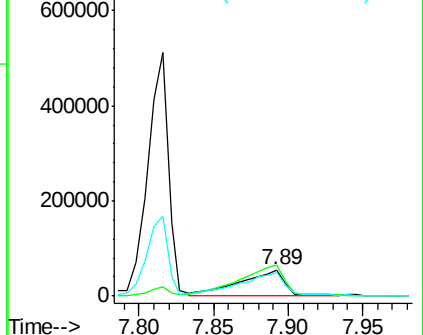


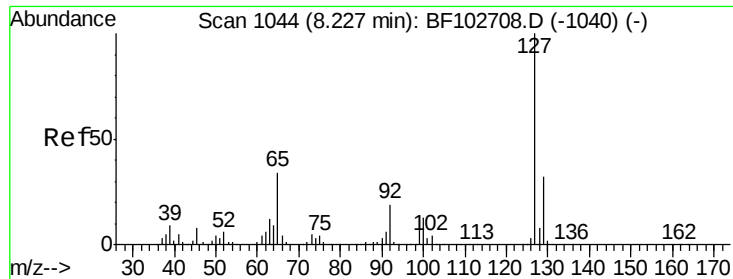
#32
Benzoic acid
Concen: 21.02 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.04 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

Tgt Ion:122 Resp: 108618
Ion Ratio Lower Upper
122 100
105 120.0 101.1 141.1
77 90.8 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

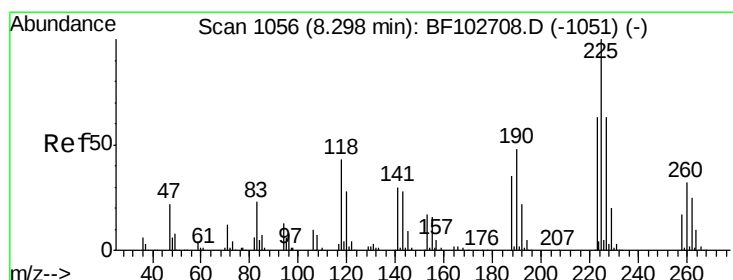
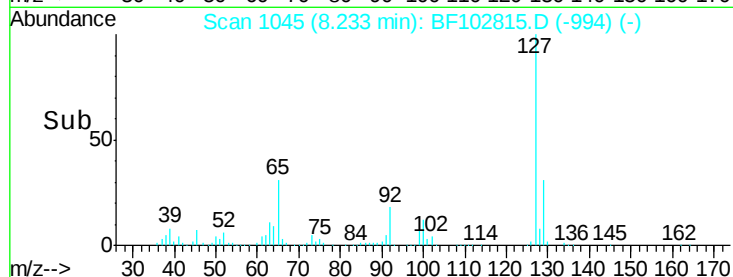
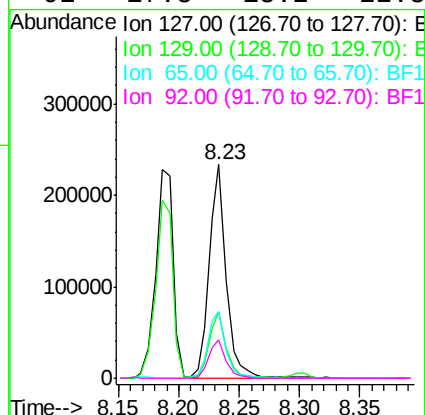
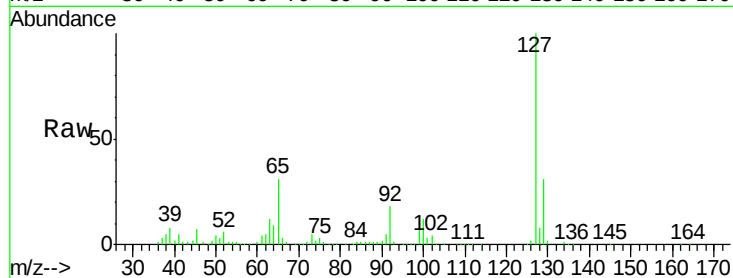




#33
4-Chloroaniline
Concen: 13.30 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

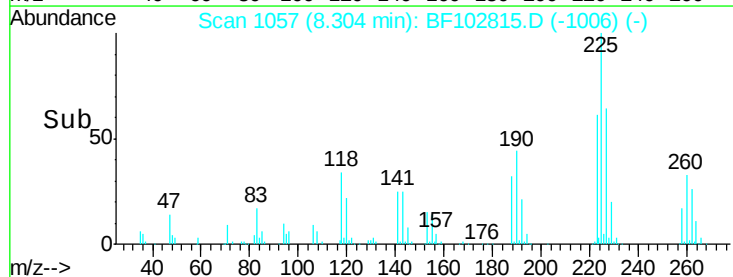
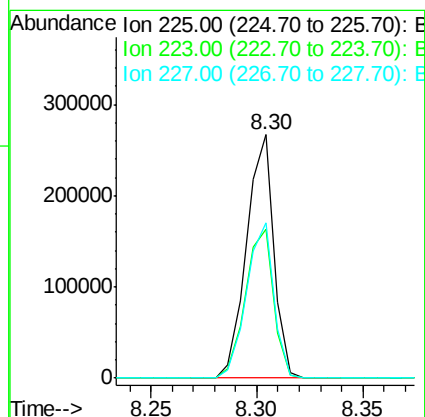
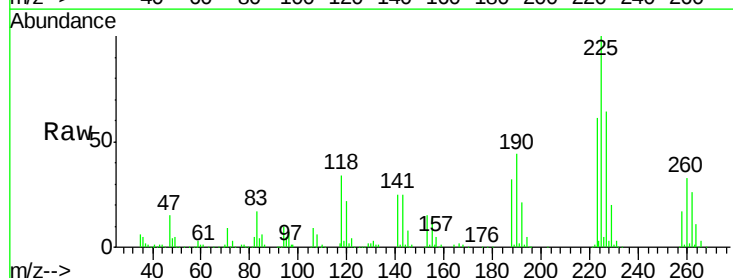
Instrument :
BNA_F
ClientSampleId :

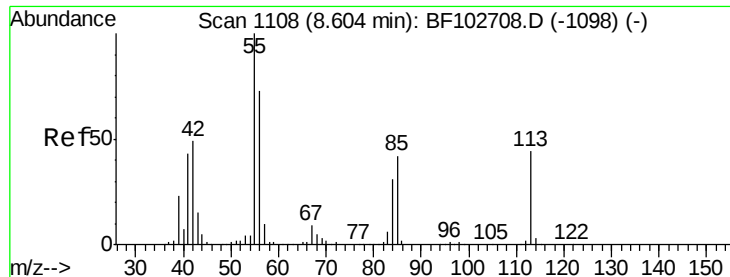
Tot Ion:	127	Resp:	225723
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.9	38.9
65	31.4	25.0	37.4
92	17.8	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.89 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

Tgt Ion:	225	Resp:	237657
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.6	76.0
227	63.8	51.9	77.9

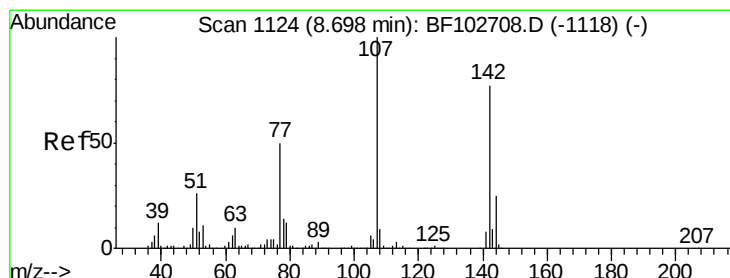
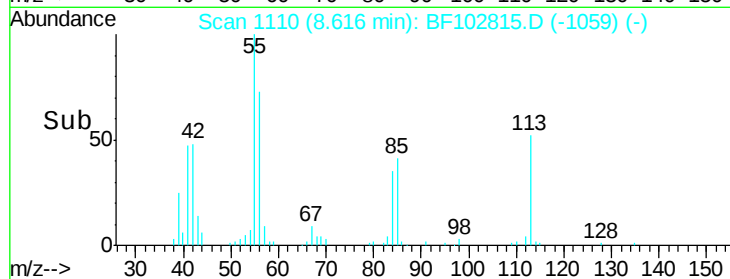
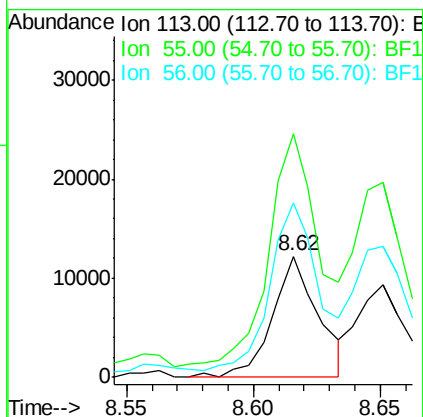
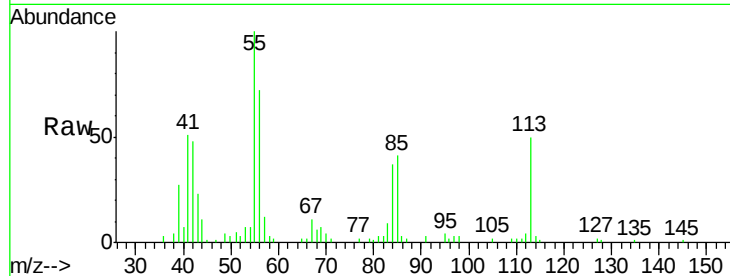




#35
 Caprolactam
 Concen: 4.31 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF102815.D
 Acq: 7 Feb 2018 15:09

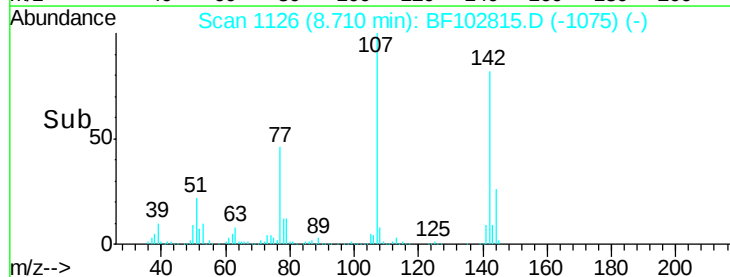
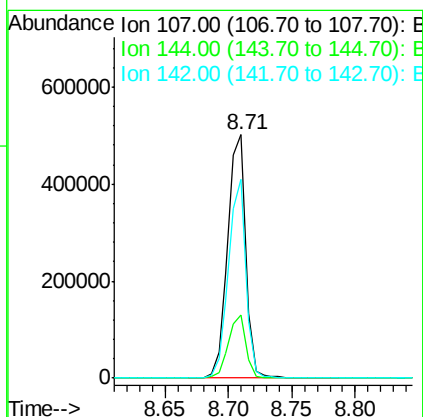
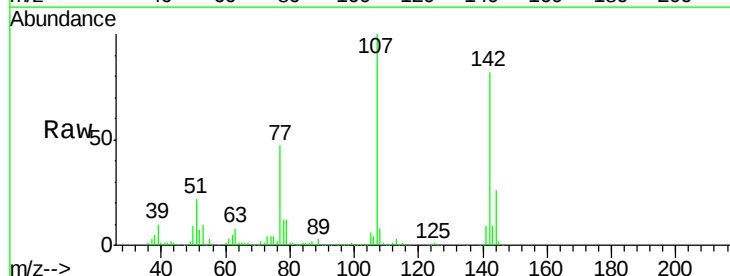
Instrument :
 BNA_F
 ClientSampleId :

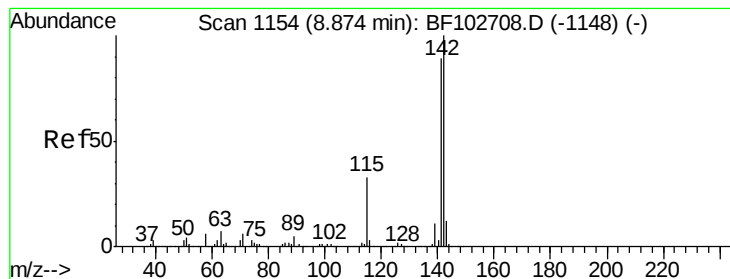
Tot Ion:113 Resp: 15366
 Ion Ratio Lower Upper
 113 100
 55 201.7 163.3 203.3
 56 144.4 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 42.99 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BF102815.D
 Acq: 7 Feb 2018 15:09

Tgt Ion:107 Resp: 496370
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.5 30.7
 142 81.7 62.0 93.0

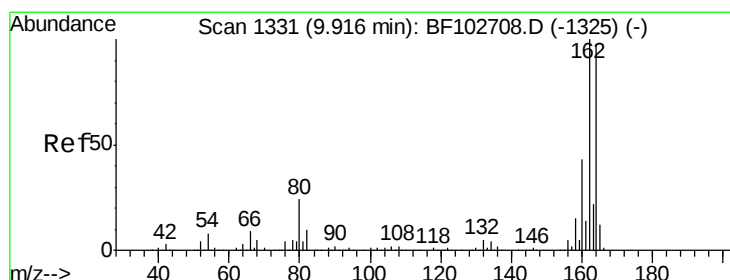
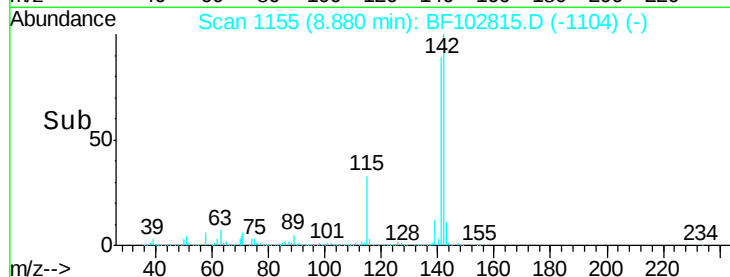
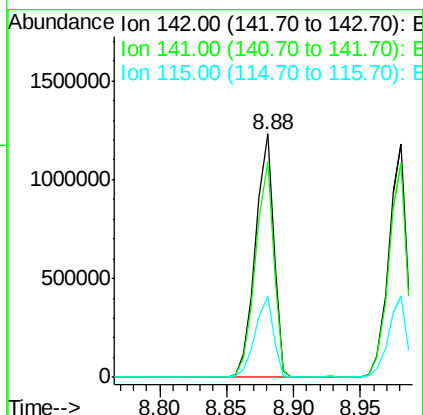
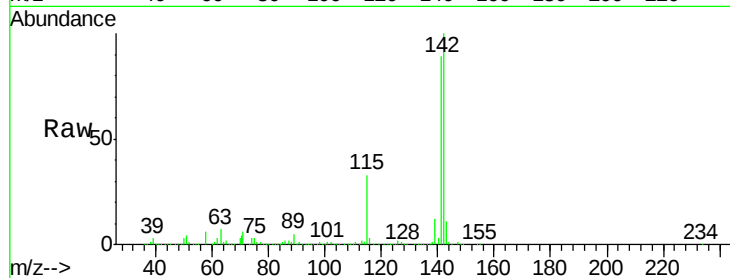




#37
2-Methylnaphthalene
Concen: 44.69 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

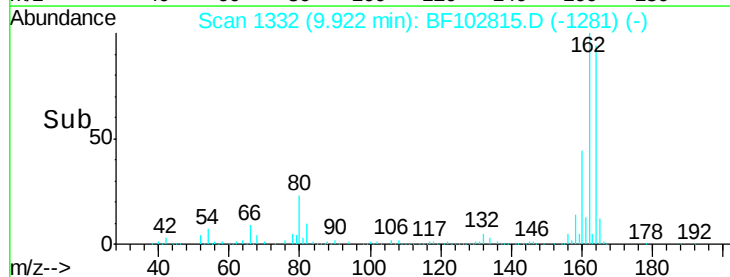
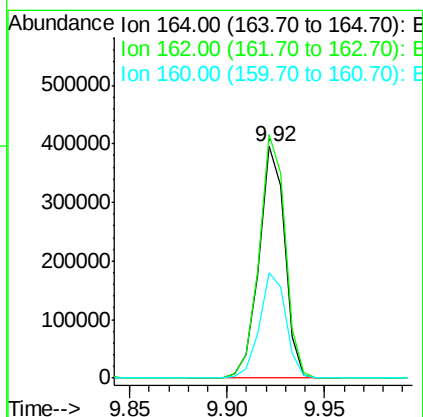
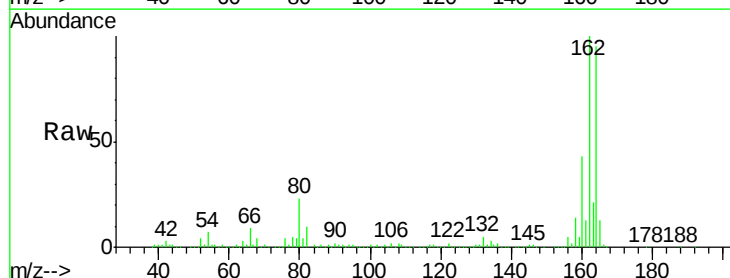
Instrument :
BNA_F
ClientSampleId :

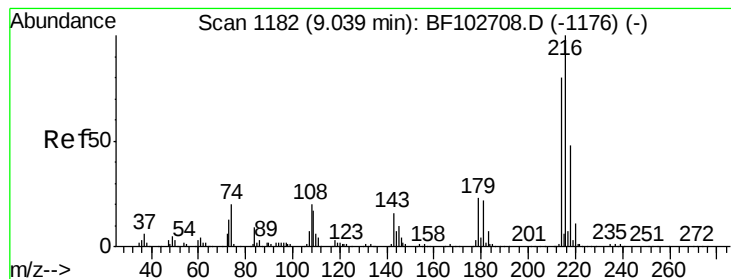
Tot Ion:142 Resp: 1152494
Ion Ratio Lower Upper
142 100
141 88.6 70.8 106.2
115 33.3 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

Tgt Ion:164 Resp: 362776
Ion Ratio Lower Upper
164 100
162 104.9 86.1 129.1
160 45.6 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.50 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 429650

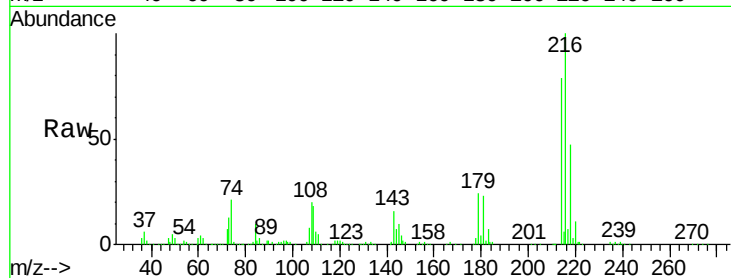
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 23.4 18.1 27.1

108 24.1 17.2 25.8

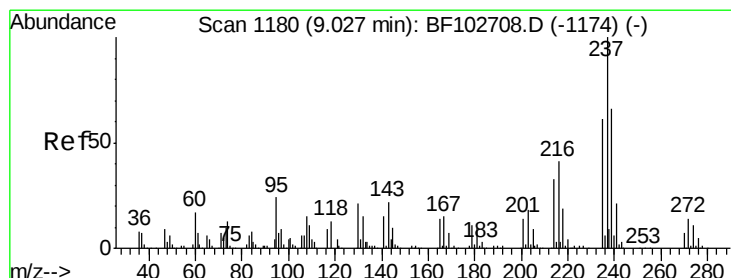
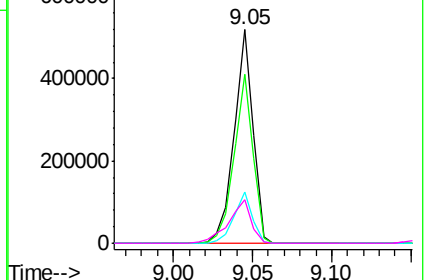
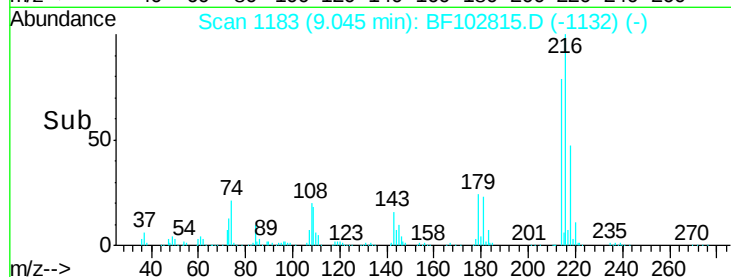


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 88.15 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

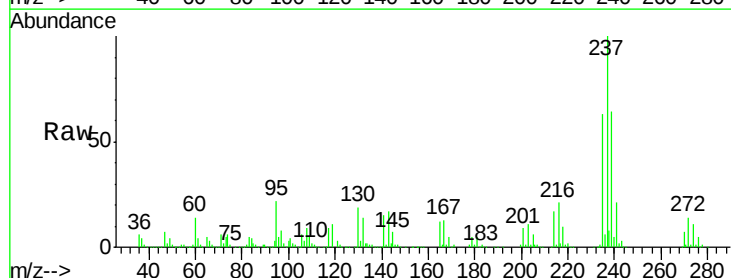
Tgt Ion:237 Resp: 413937

Ion Ratio Lower Upper

237 100

235 63.0 44.8 84.8

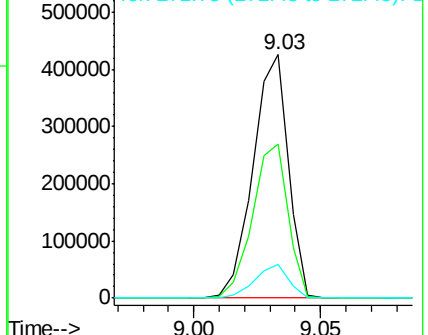
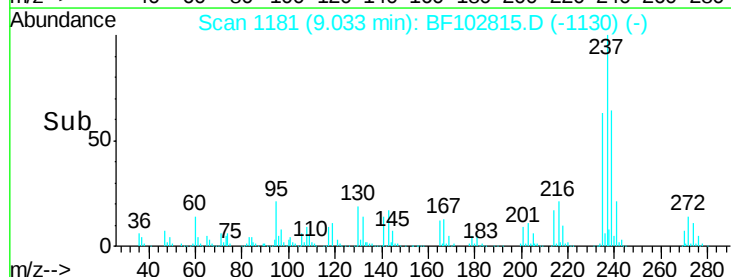
272 13.9 0.0 33.3

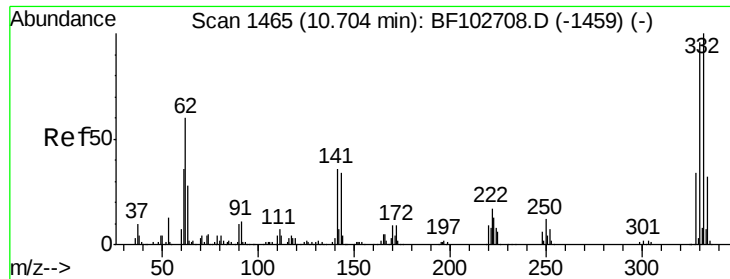


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

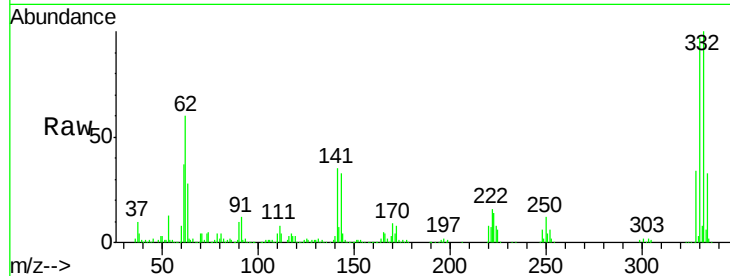




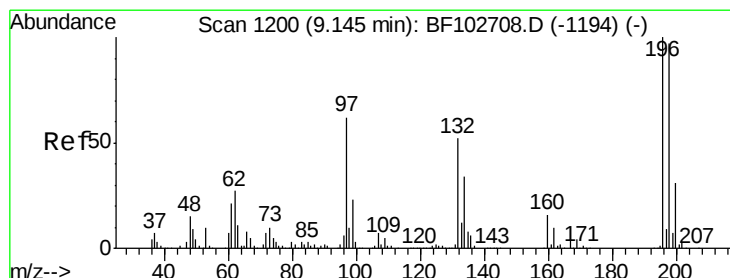
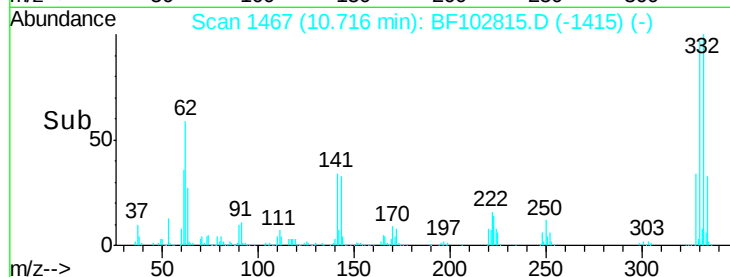
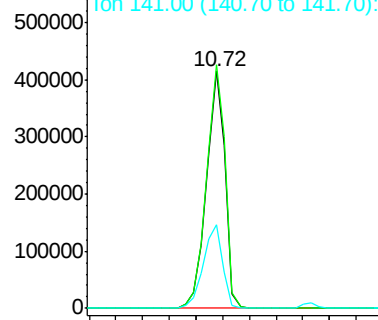
#41
 2,4,6-Tribromophenol
 Concen: 139.29 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102815.D
 Acq: 7 Feb 2018 15:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.4	77.0	115.6
141	36.9	29.9	44.9

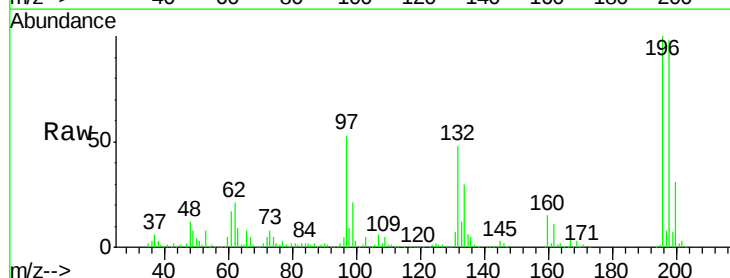


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

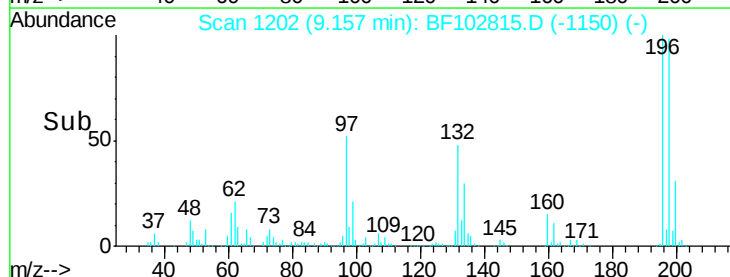
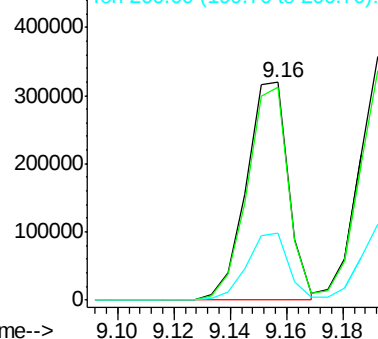


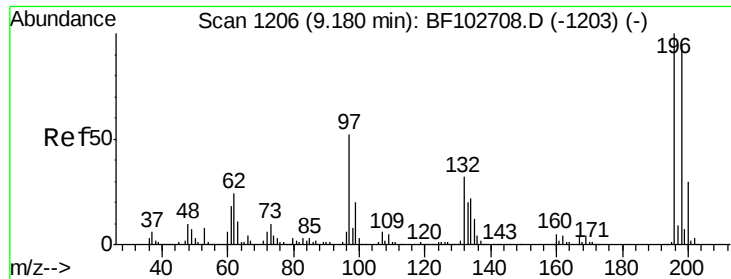
#42
 2,4,6-Trichlorophenol
 Concen: 51.05 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF102815.D
 Acq: 7 Feb 2018 15:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.6	75.7	113.5
200	30.7	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

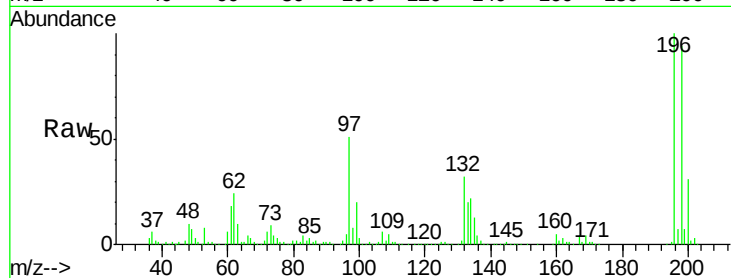




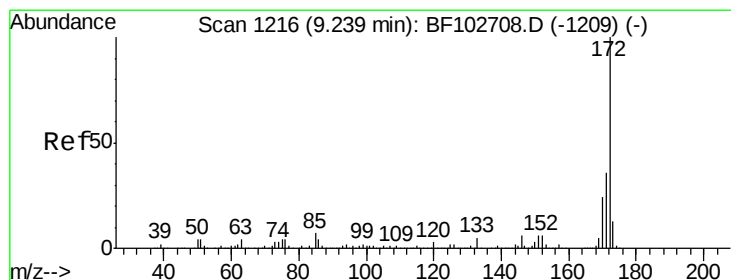
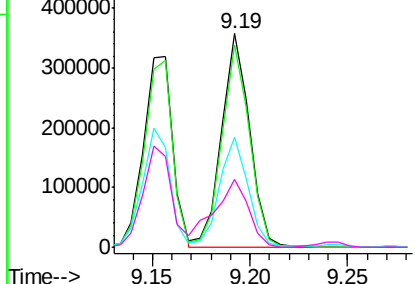
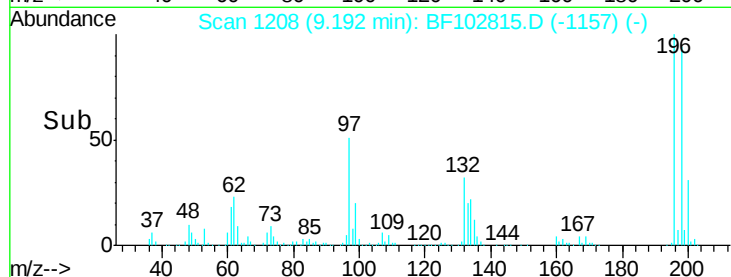
#43
 2,4,5-Trichlorophenol
 Concen: 48.44 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF102815.D
 Acq: 7 Feb 2018 15:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 354257
 Ion Ratio Lower Upper
 196 100
 198 94.5 74.6 112.0
 97 51.4 42.9 64.3
 132 31.8 26.3 39.5

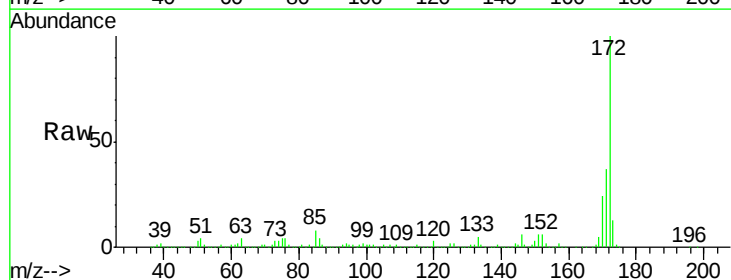


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

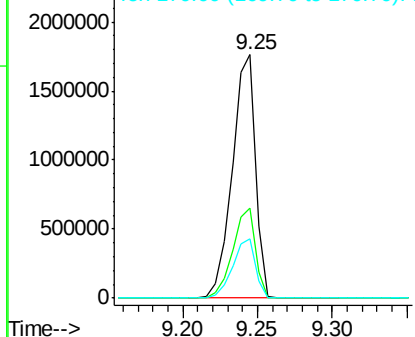
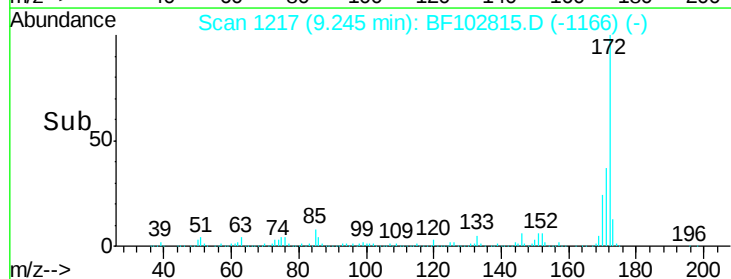


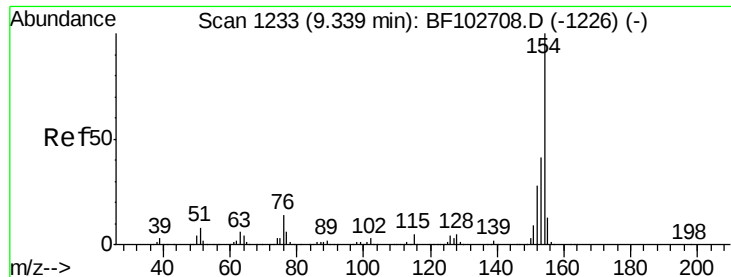
#44
 2-Fluorobiphenyl
 Concen: 88.22 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF102815.D
 Acq: 7 Feb 2018 15:09

Tgt Ion:172 Resp: 1928704
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 24.4 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

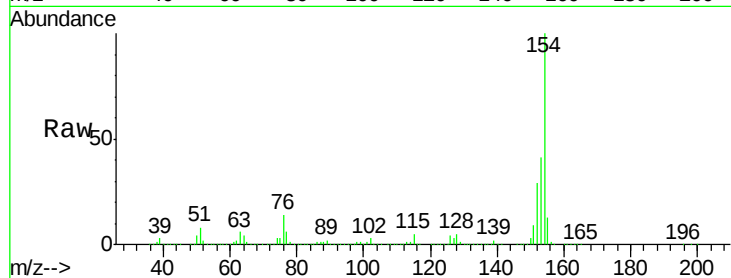




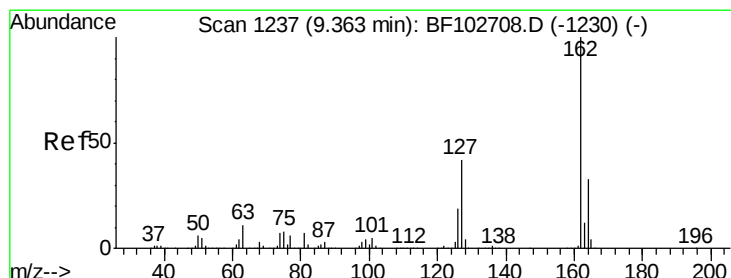
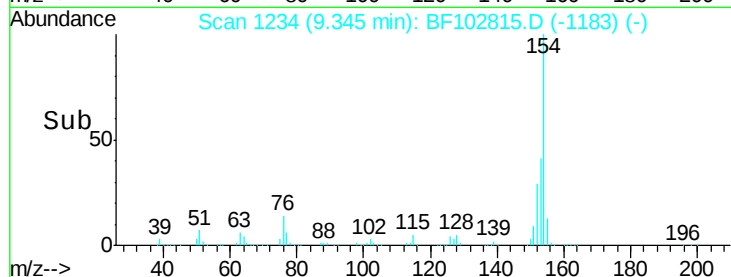
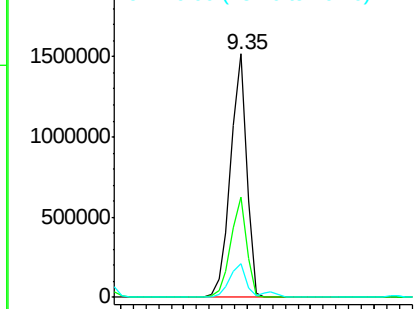
#45
 1,1'-Biphenyl
 Concen: 43.45 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BF102815.D
 Acq: 7 Feb 2018 15:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1327650
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.3 61.3
 76 13.7 0.0 34.0

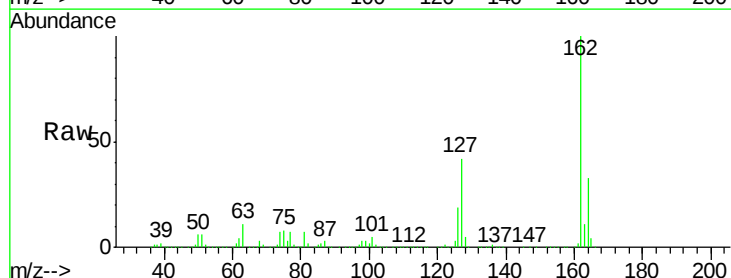


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

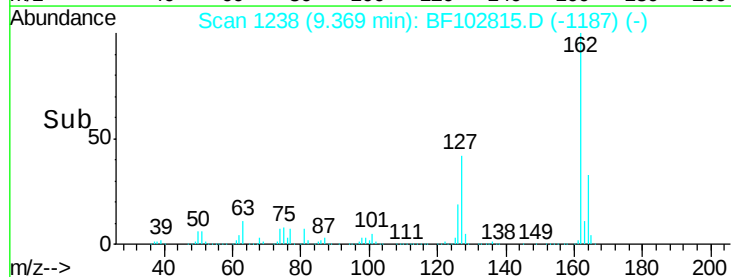
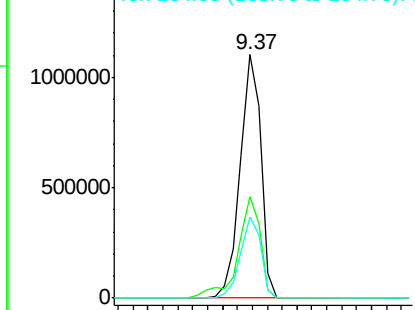


#46
 2-Chloronaphthalene
 Concen: 44.37 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BF102815.D
 Acq: 7 Feb 2018 15:09

Tgt Ion:162 Resp: 1067251
 Ion Ratio Lower Upper
 162 100
 127 41.6 33.9 50.9
 164 33.1 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: 53.98 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Instrument :

BNA_F

ClientSampleId :

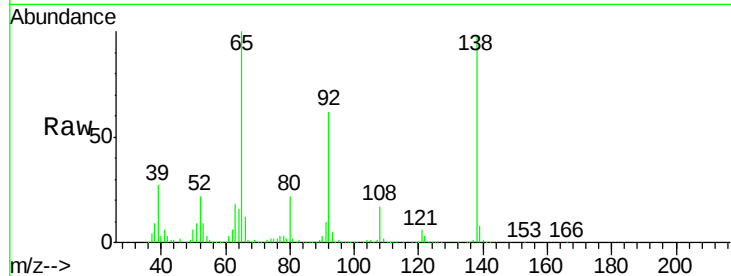
Tot Ion: 65 Resp: 404180

Ion	Ratio	Lower	Upper
65	100		
92	62.0	55.8	83.6
138	98.2	91.2	136.8

65 100

92 62.0 55.8 83.6

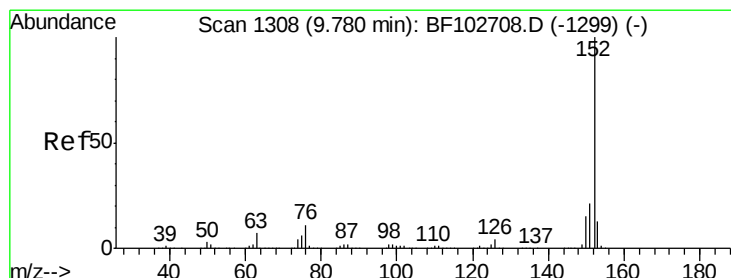
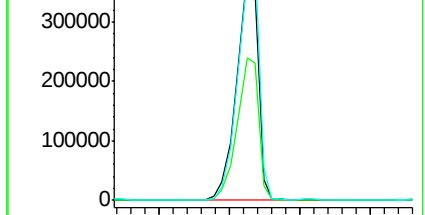
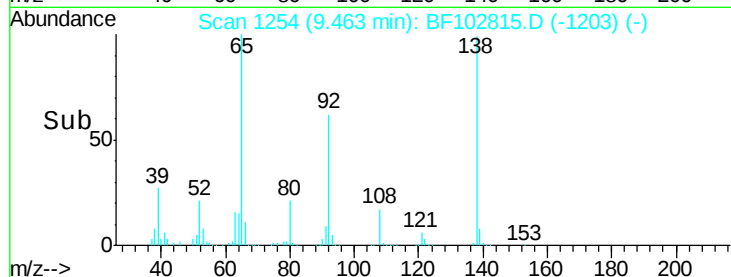
138 98.2 91.2 136.8



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: 43.16 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

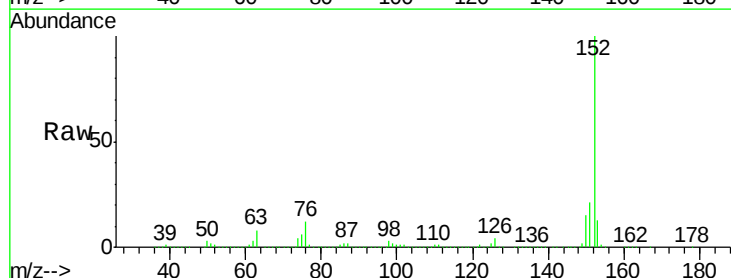
Tgt Ion: 152 Resp: 1612491

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	13.4	10.7	16.1

152 100

151 20.9 16.3 24.5

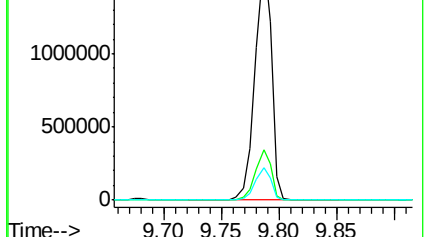
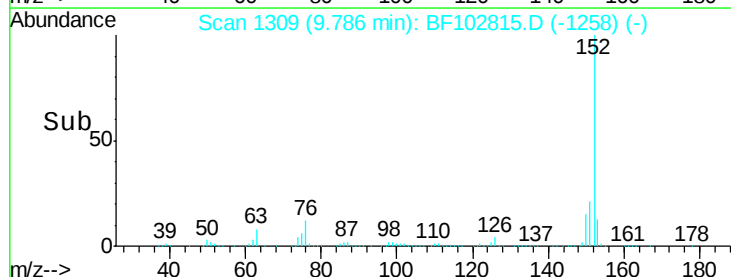
153 13.4 10.7 16.1

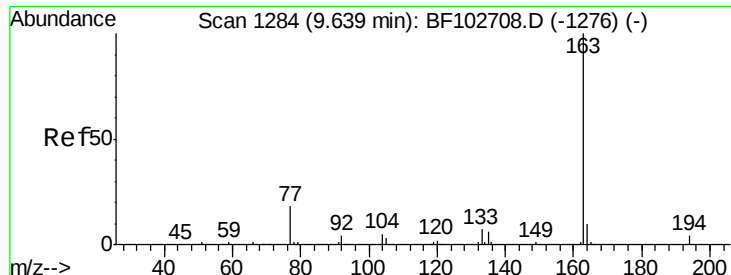


Abundance Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1

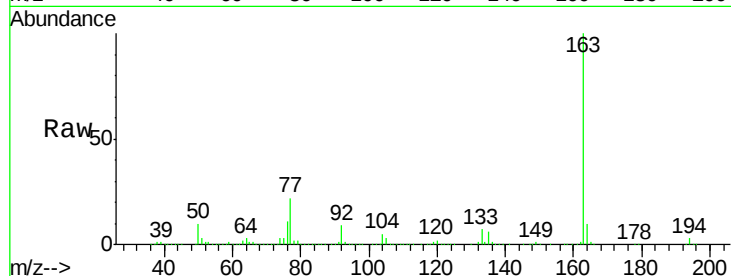




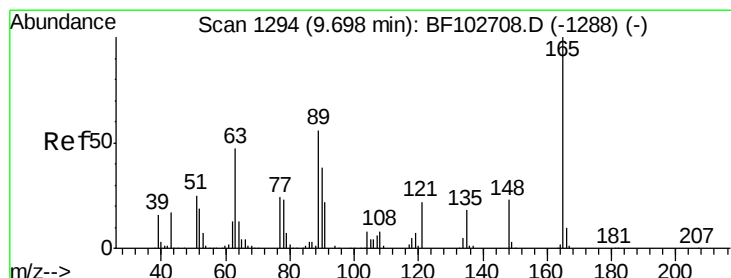
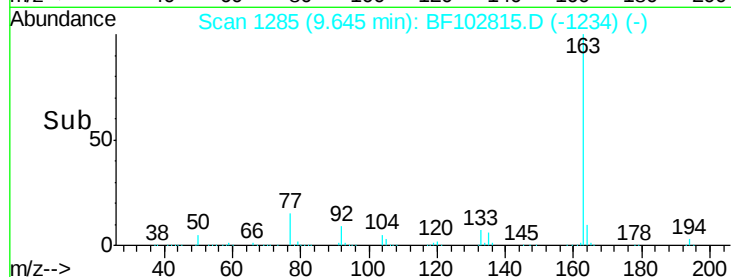
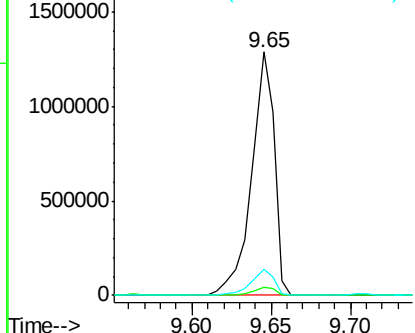
#49
Dimethylphthalate
Concen: 45.20 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1278677
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.5 8.2 12.2

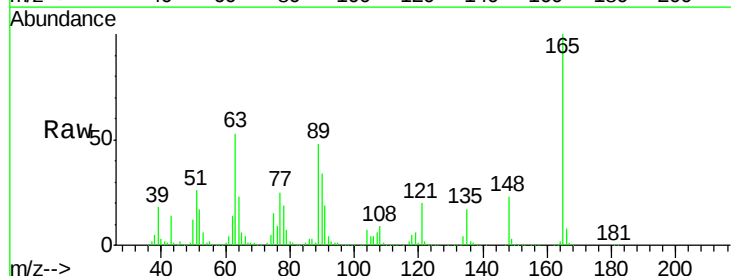


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

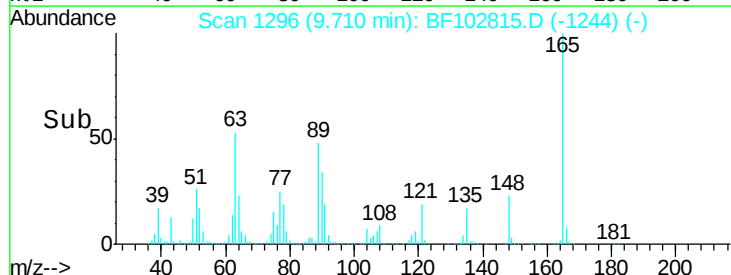
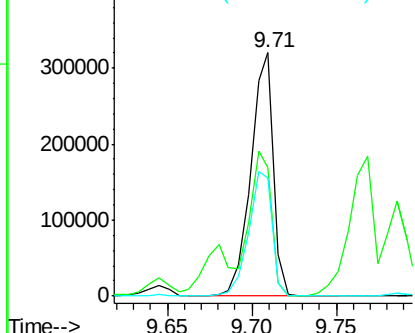


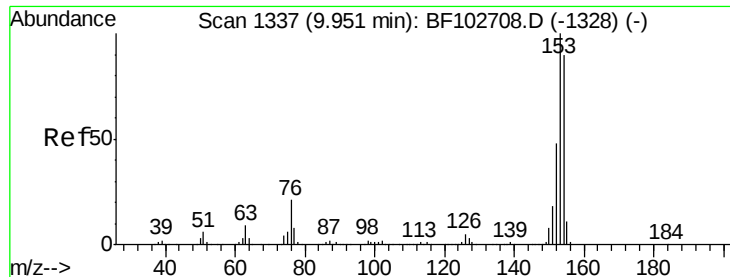
#50
2,6-Dinitrotoluene
Concen: 55.45 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

Tgt Ion:165 Resp: 298397
Ion Ratio Lower Upper
165 100
63 52.8 44.7 67.1
89 48.4 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: 44.01 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Instrument :

BNA_F

ClientSampled :

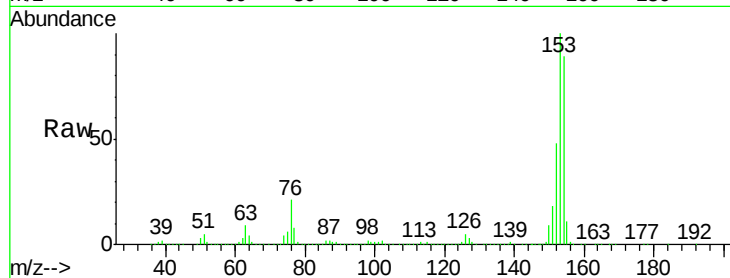
Tot Ion:154 Resp: 983283

Ion Ratio Lower Upper

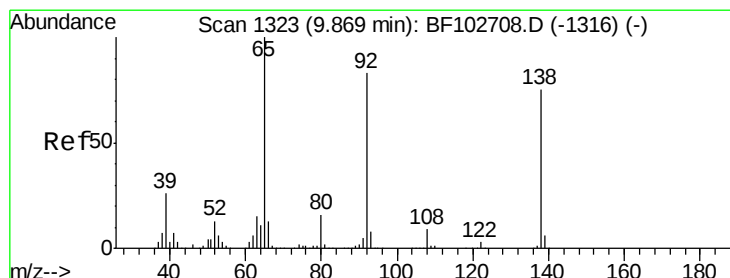
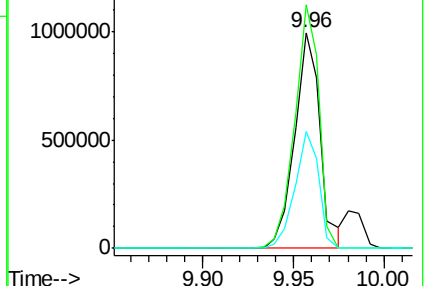
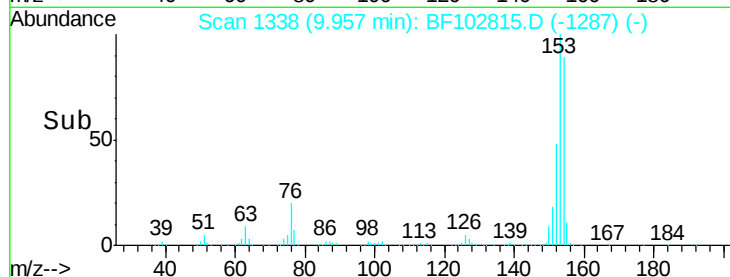
154 100

153 112.7 91.2 136.8

152 54.2 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: 20.29 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

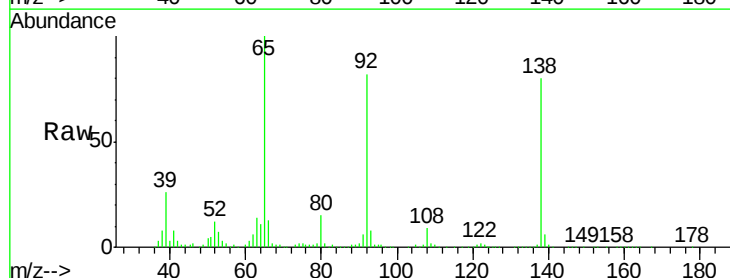
Tgt Ion:138 Resp: 134378

Ion Ratio Lower Upper

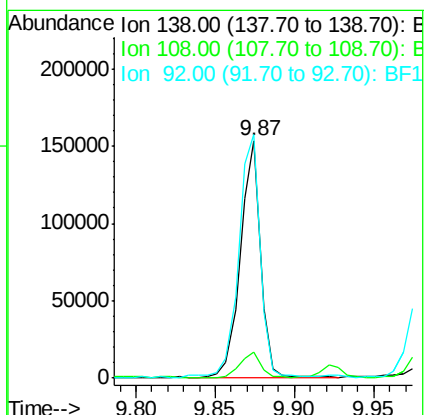
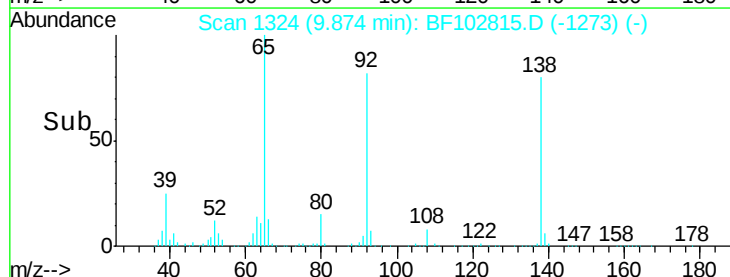
138 100

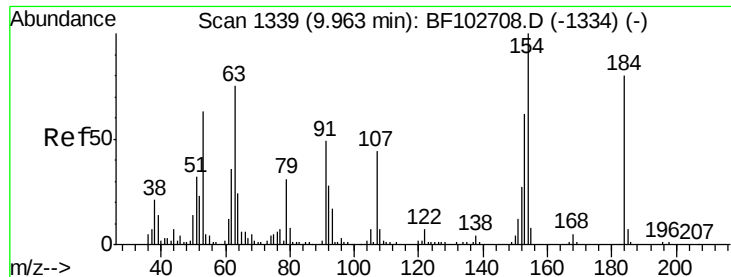
108 10.7 9.4 14.0

92 102.5 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

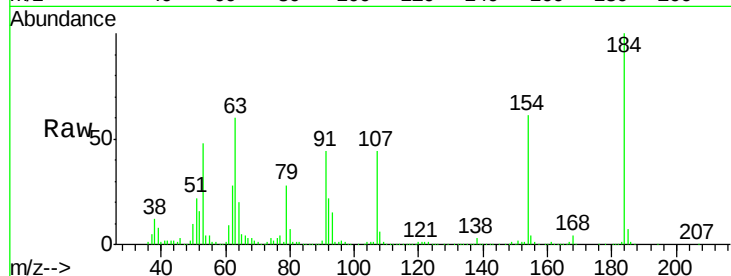




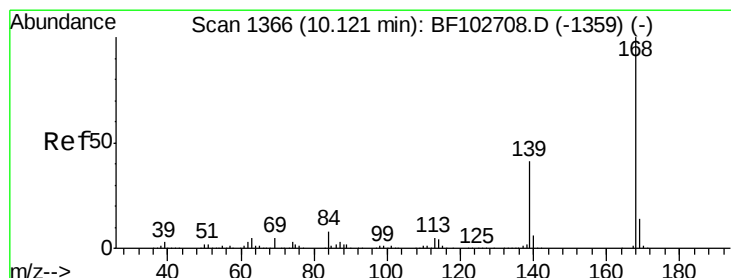
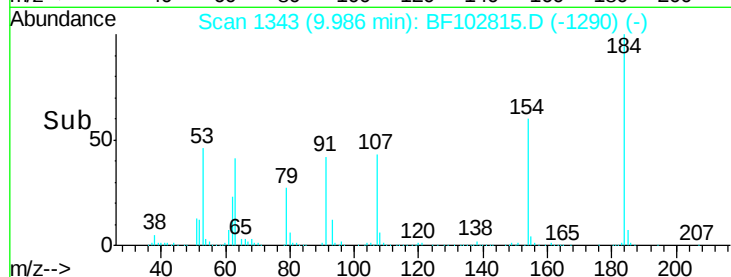
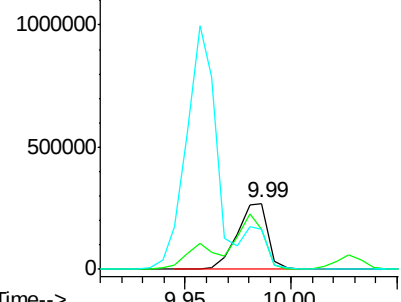
#53
2,4-Dinitrophenol
Concen: 115.53 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 274085
Ion Ratio Lower Upper
184 100
63 60.4 54.2 81.2
154 60.6 184.0 276.0#

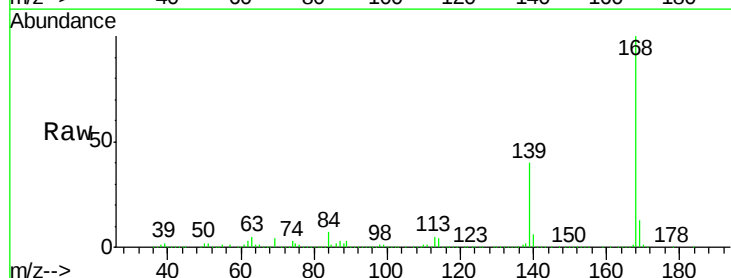


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

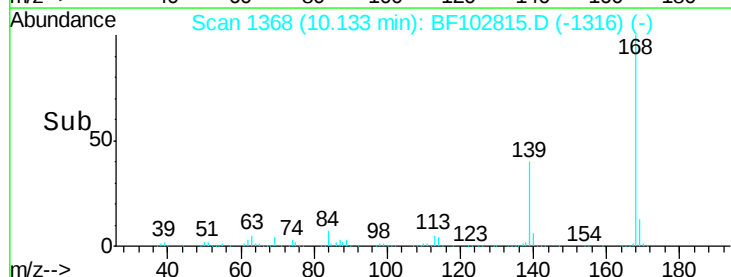
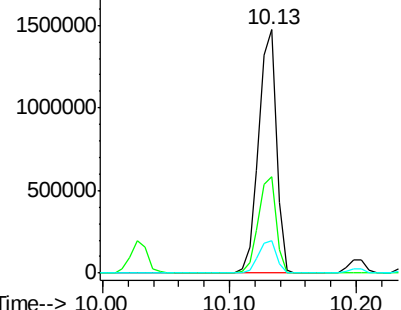


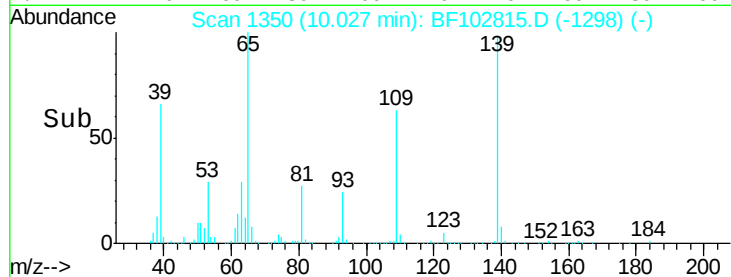
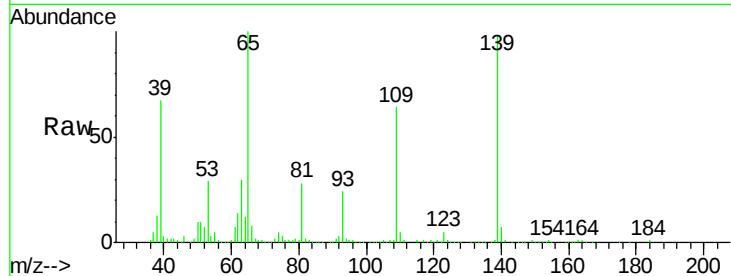
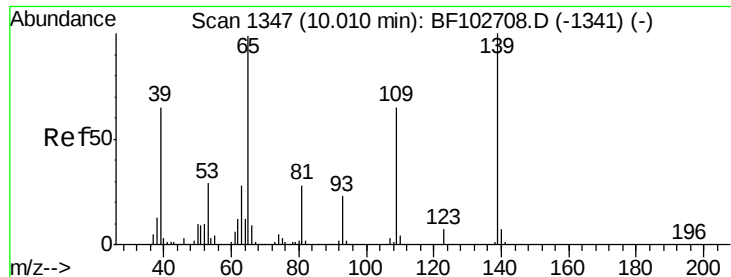
#54
Dibenzofuran
Concen: 45.43 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

Tgt Ion:168 Resp: 1430401
Ion Ratio Lower Upper
168 100
139 39.7 30.1 45.1
169 13.4 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

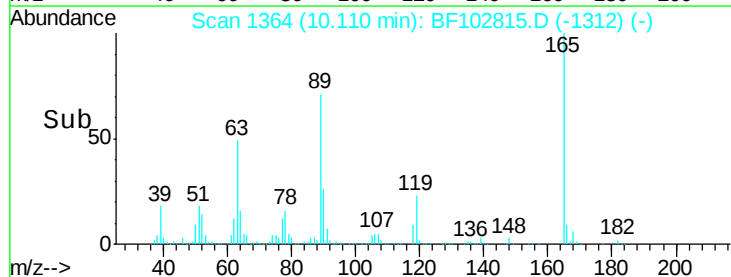
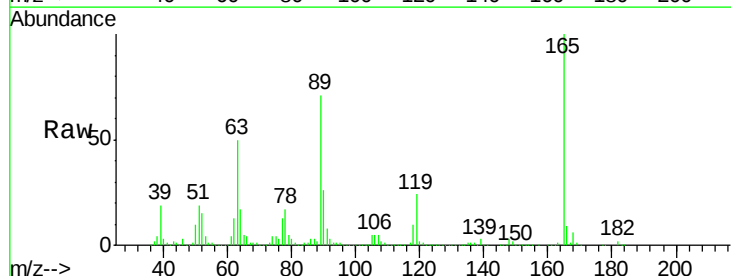
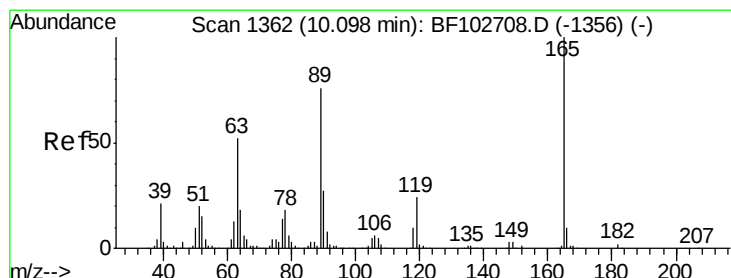
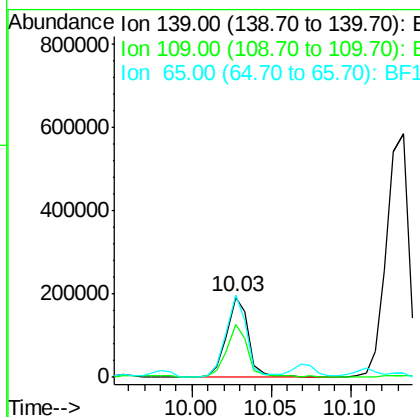




#55
4-Nitrophenol
Concen: 36.23 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

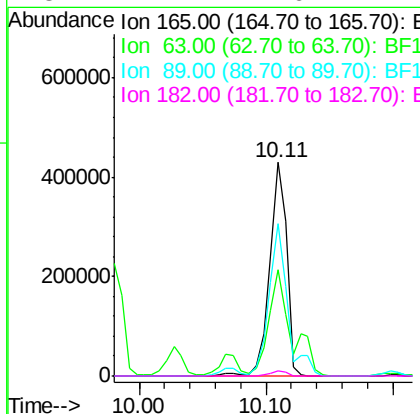
Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 184561
Ion Ratio Lower Upper
139 100
109 65.2 48.4 88.4
65 102.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 54.61 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

Tgt Ion:165 Resp: 397417
Ion Ratio Lower Upper
165 100
63 49.7 36.4 54.6
89 71.4 57.8 86.6
182 2.2 1.6 2.4

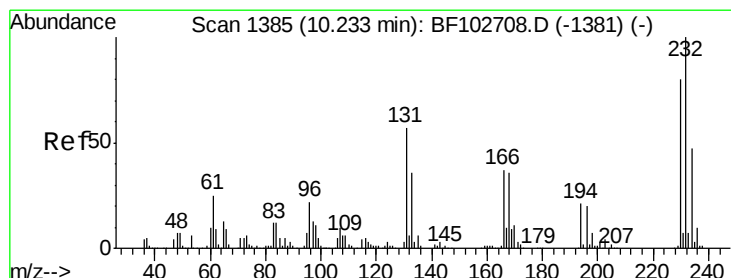
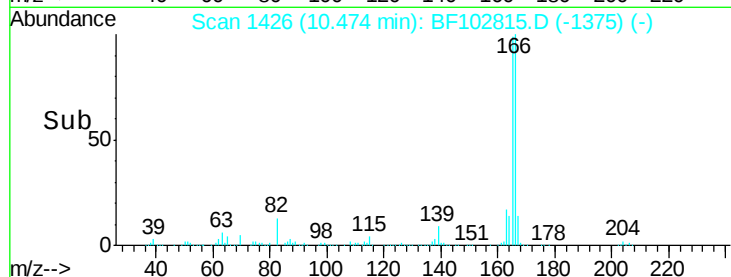
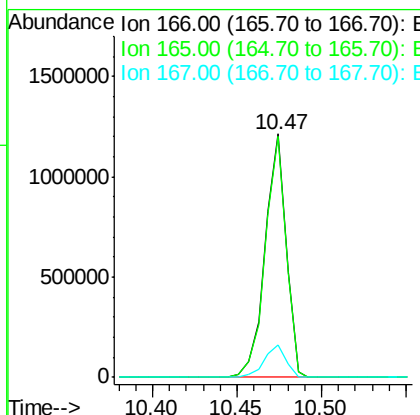
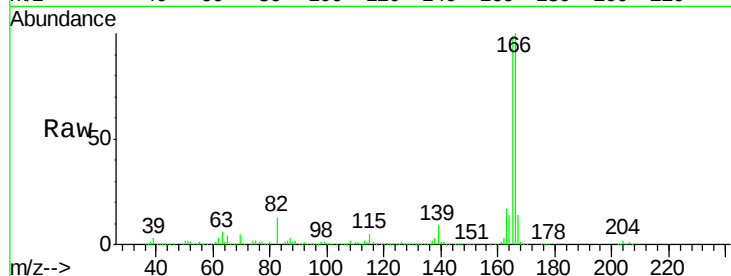




#57
 Fluorene
 Concen: 45.72 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BF102815.D
 Acq: 7 Feb 2018 15:09

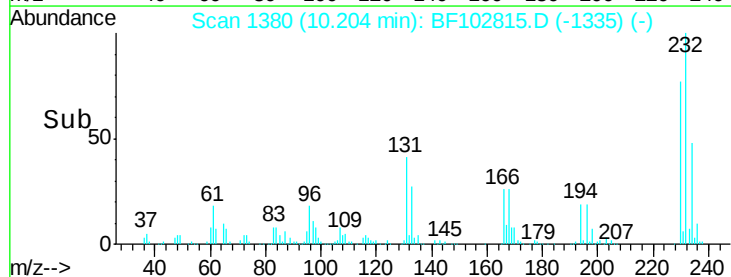
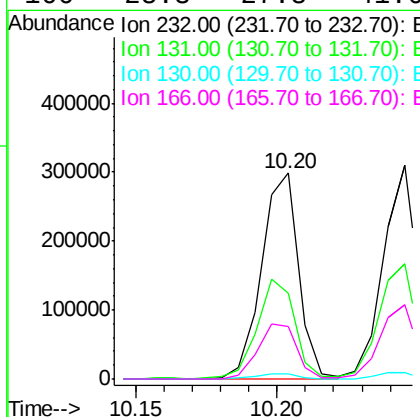
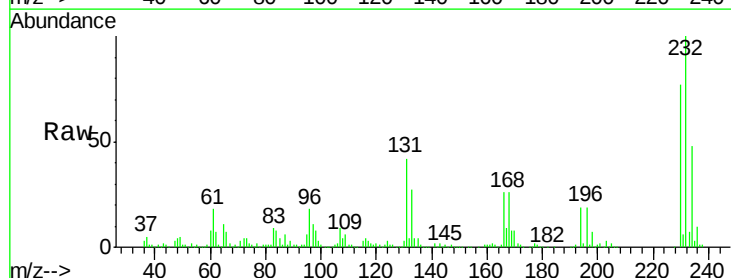
Instrument :
 BNA_F
 ClientSampleId :

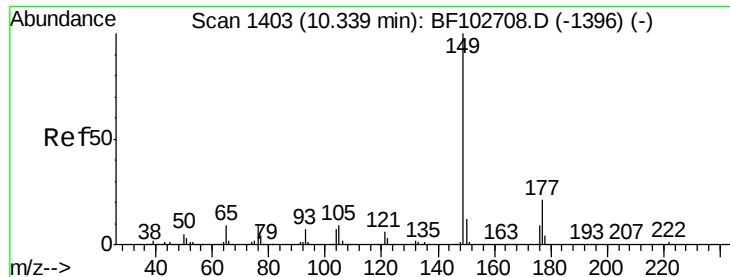
Tot Ion:166 Resp: 1047372
 Ion Ratio Lower Upper
 166 100
 165 99.0 79.8 119.8
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.59 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.04 min
 Lab File: BF102815.D
 Acq: 7 Feb 2018 15:09

Tgt Ion:232 Resp: 271632
 Ion Ratio Lower Upper
 232 100
 131 49.5 43.8 65.8
 130 3.1 2.1 3.1
 166 28.3 27.8 41.6

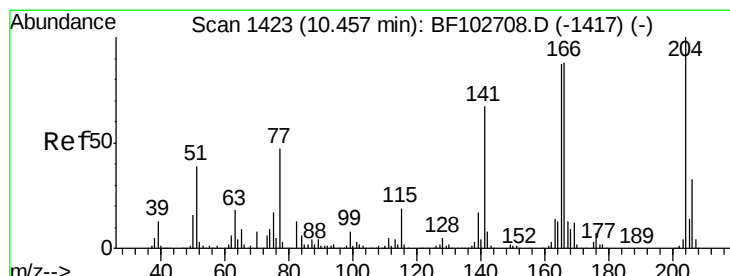
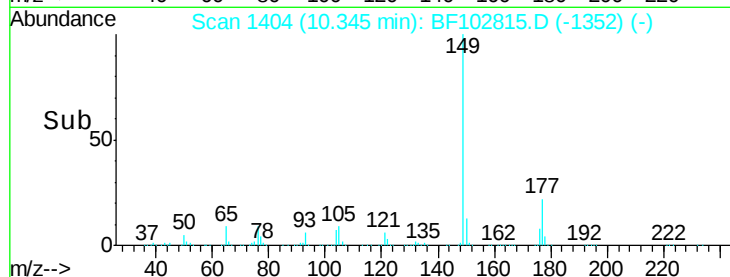
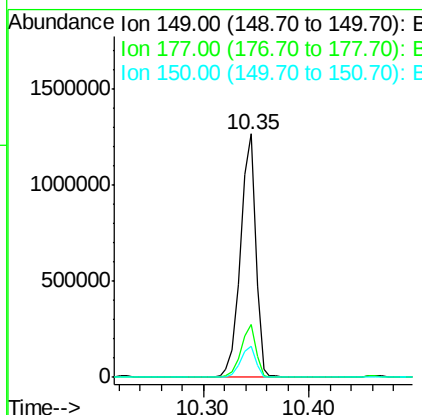
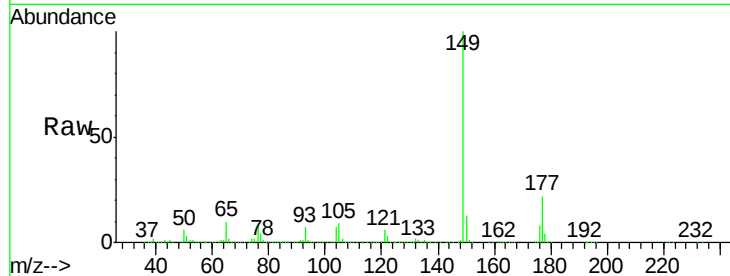




#59
Diethylphthalate
Concen: 44.66 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

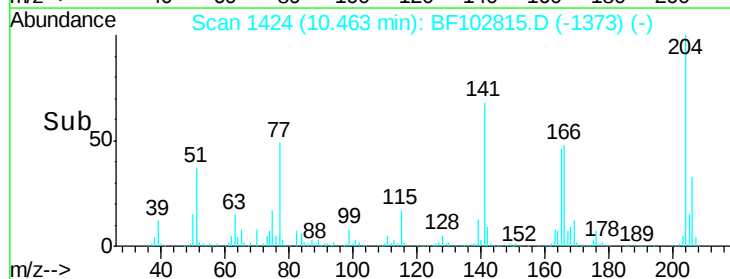
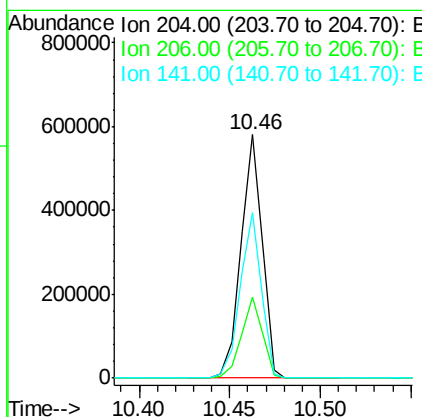
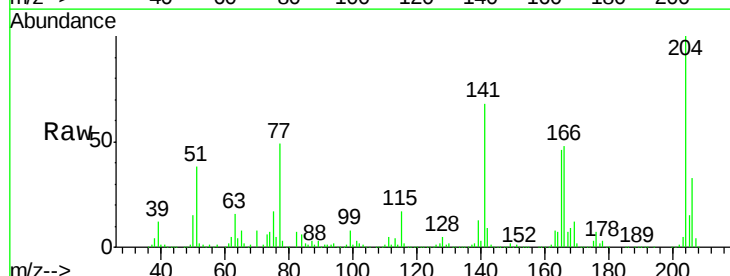
Instrument :
BNA_F
ClientSampleId :

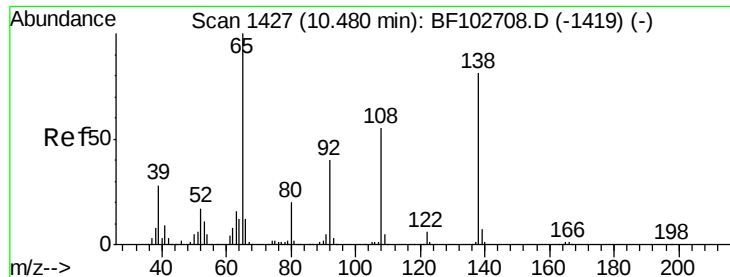
Tot Ion:149 Resp: 1247273
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 13.0 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 46.56 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

Tgt Ion:204 Resp: 471893
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 67.9 54.6 81.8

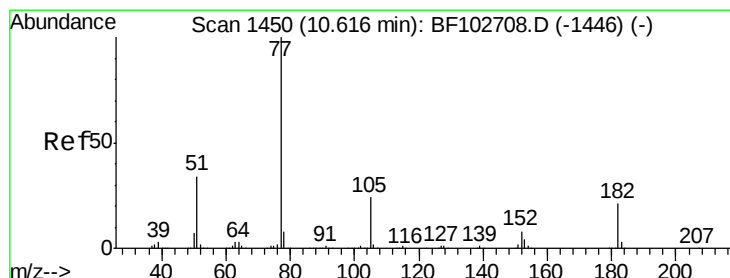
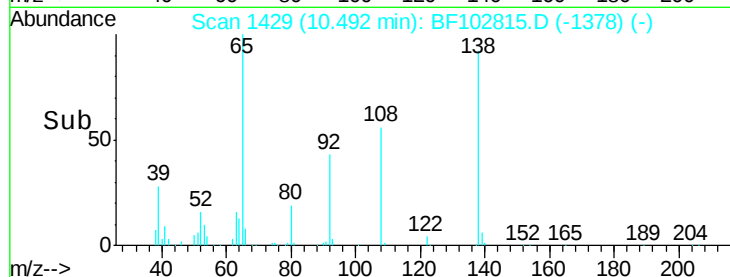
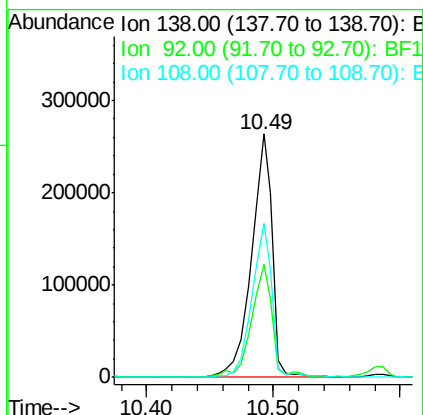
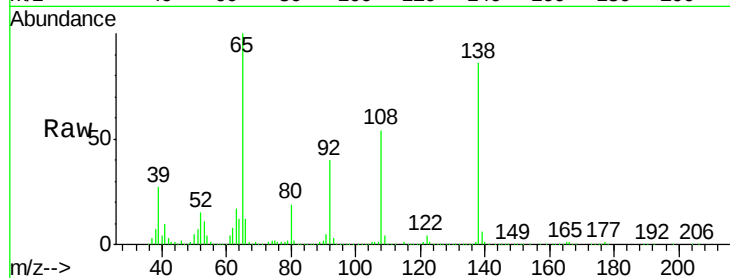




#61
4-Nitroaniline
Concen: 47.97 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

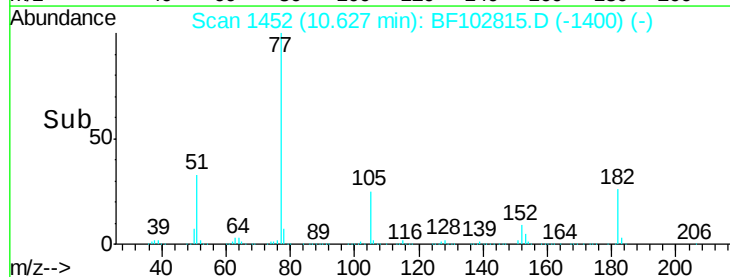
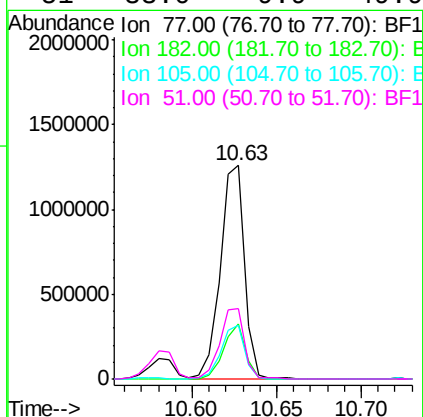
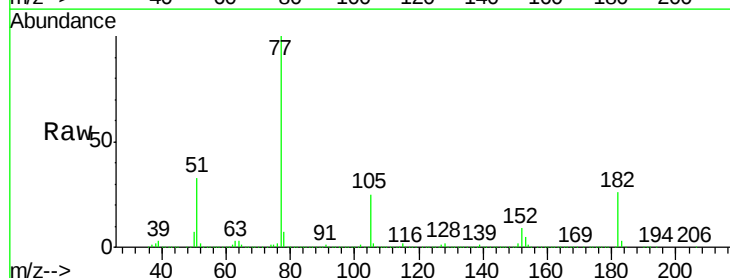
Instrument :
BNA_F
ClientSampleId :

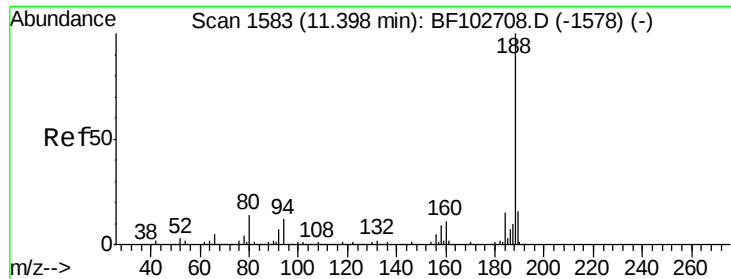
Tot Ion:138 Resp: 302366
Ion Ratio Lower Upper
138 100
92 46.7 30.2 70.2
108 63.4 52.5 92.5



#62
Azobenzene
Concen: 44.64 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

Tgt Ion: 77 Resp: 1245441
Ion Ratio Lower Upper
77 100
182 25.7 1.7 41.7
105 25.4 3.0 43.0
51 33.0 9.9 49.9

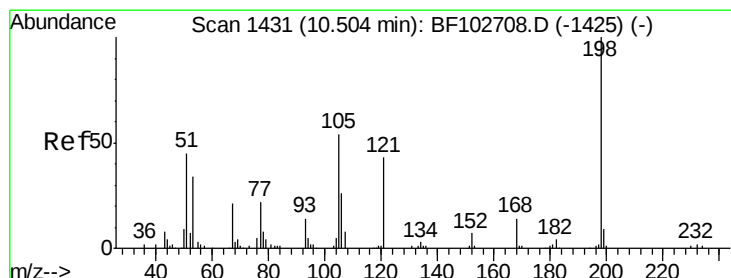
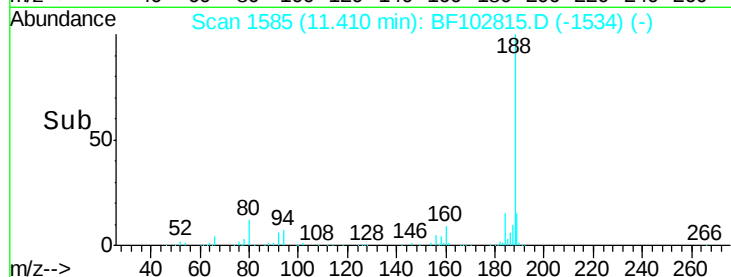
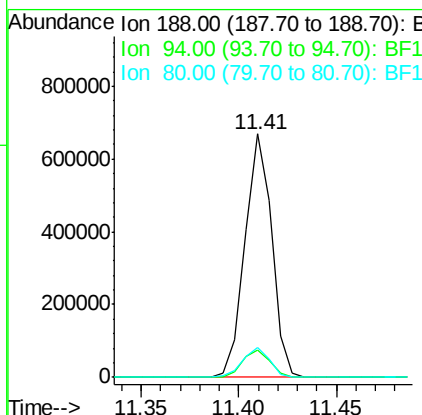
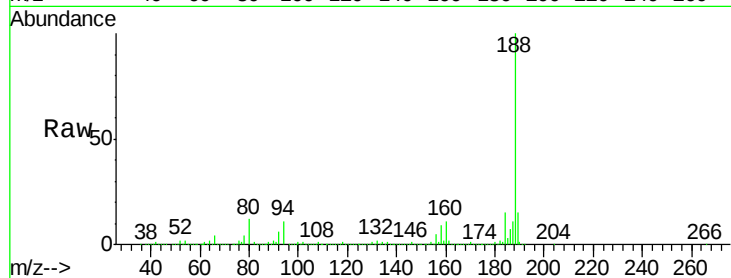




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

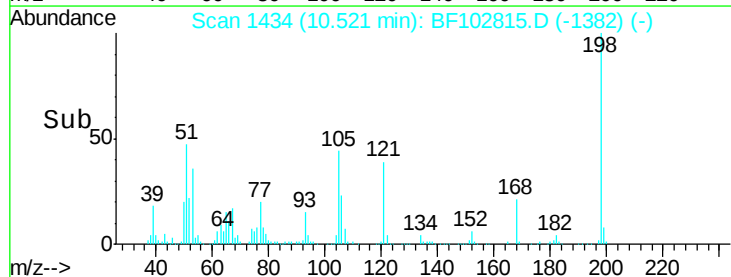
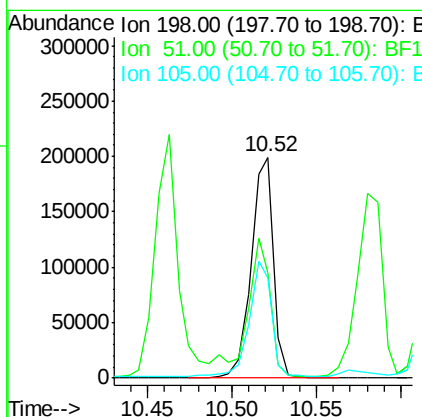
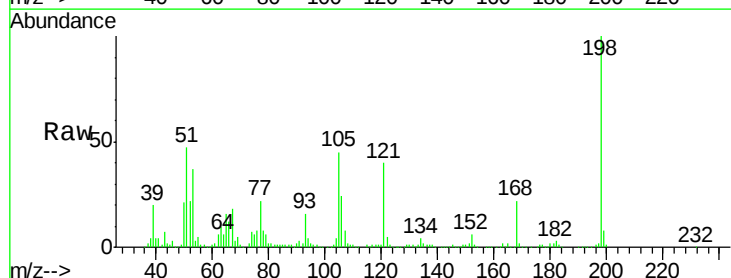
Instrument :
BNA_F
ClientSampled :

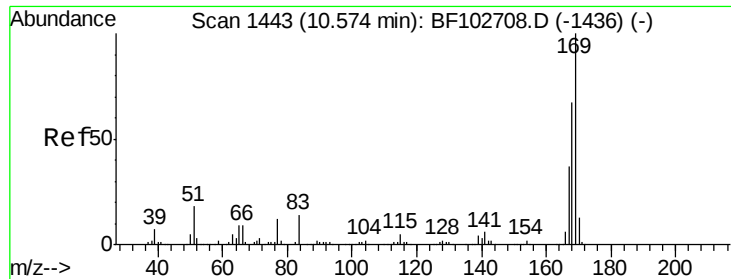
Tot Ion:188 Resp: 636823
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 63.22 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

Tgt Ion:198 Resp: 184721
Ion Ratio Lower Upper
198 100
51 47.5 37.7 77.7
105 45.1 36.3 76.3

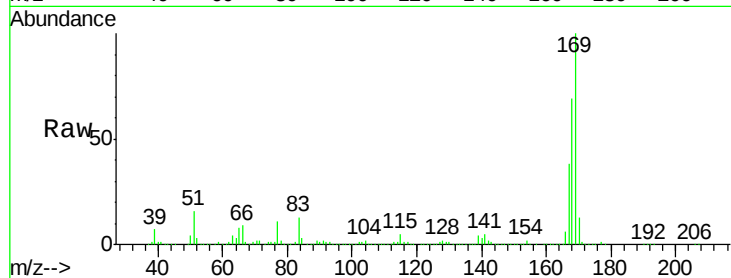




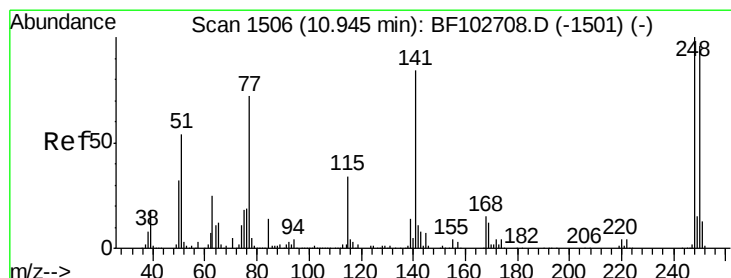
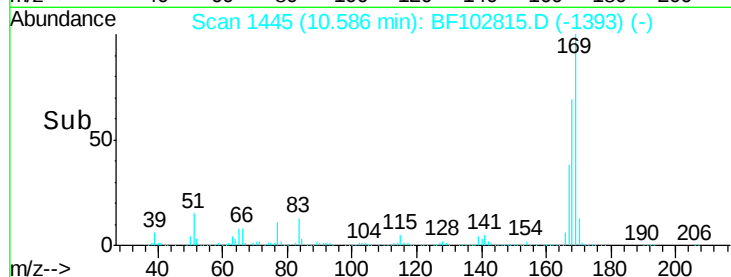
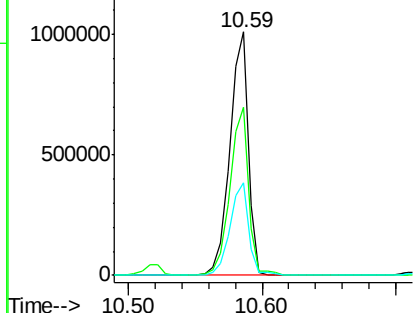
#65
 n-Nitrosodiphenylamine
 Concen: 43.95 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: BF102815.D
 Acq: 7 Feb 2018 15:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 987176
 Ion Ratio Lower Upper
 169 100
 168 69.1 54.4 81.6
 167 37.9 29.8 44.6

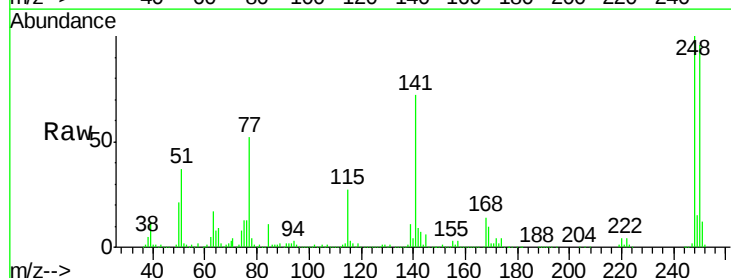


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

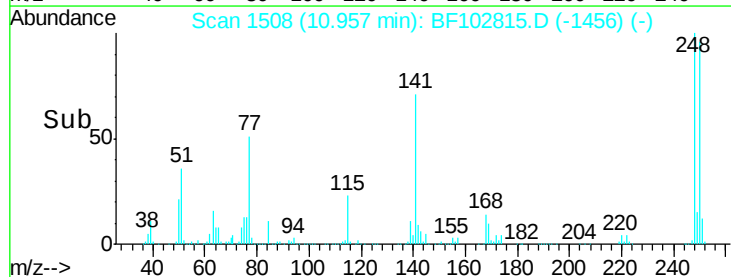
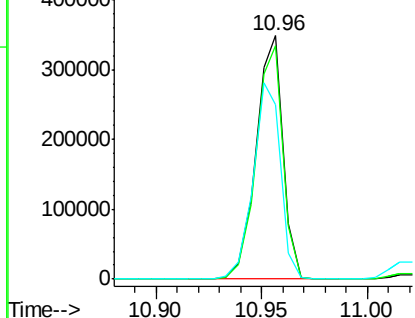


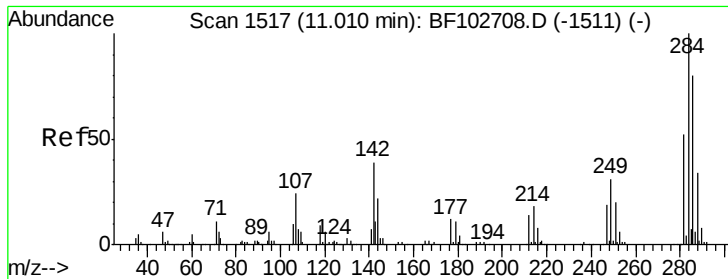
#66
 4-Bromophenyl-phenylether
 Concen: 45.81 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: BF102815.D
 Acq: 7 Feb 2018 15:09

Tgt Ion:248 Resp: 308589
 Ion Ratio Lower Upper
 248 100
 250 95.8 76.9 115.3
 141 71.5 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

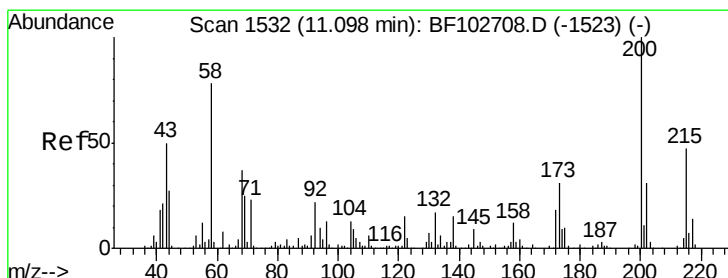
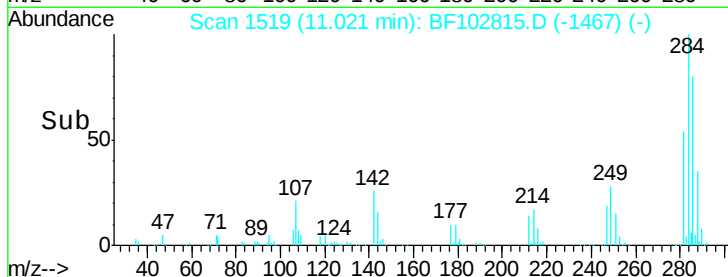
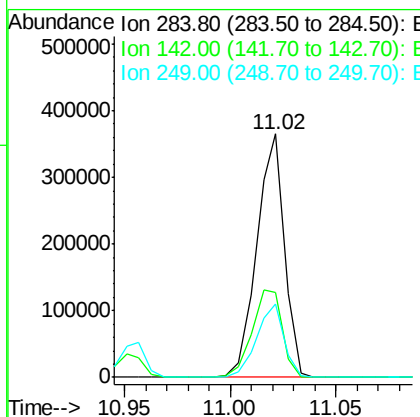
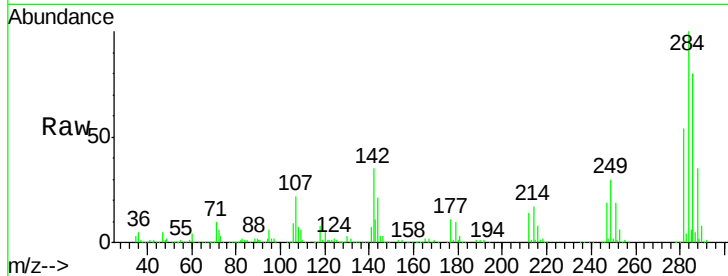




#67
Hexachlorobenzene
Concen: 44.72 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

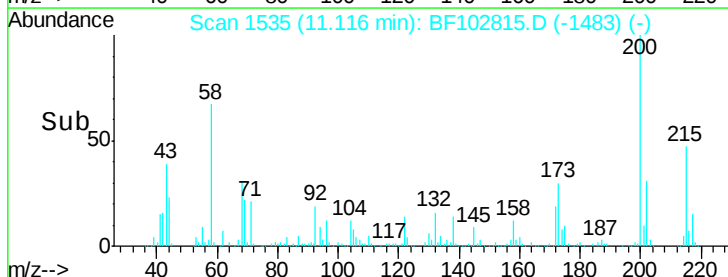
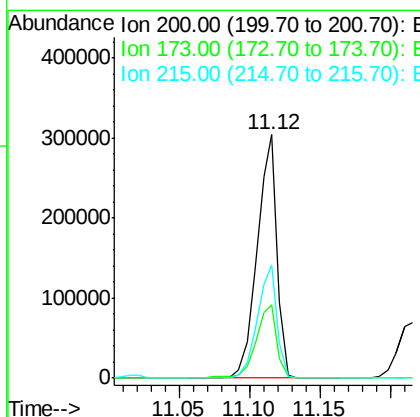
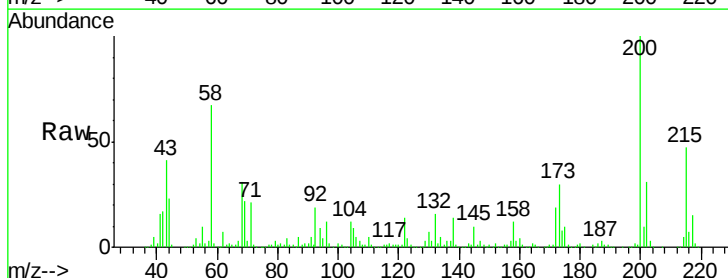
Instrument :
BNA_F
ClientSampled :

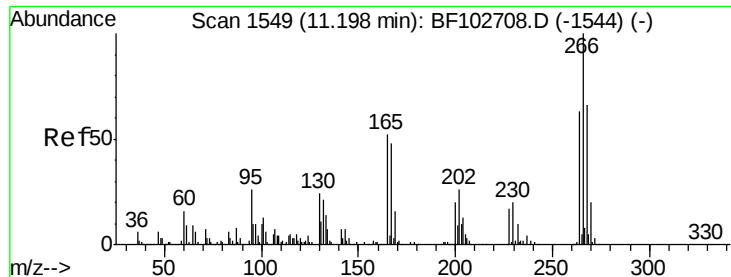
Tot Ion:284 Resp: 332334
Ion Ratio Lower Upper
284 100
142 34.8 34.6 52.0
249 30.3 24.8 37.2



#68
Atrazine
Concen: 45.31 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

Tgt Ion:200 Resp: 300284
Ion Ratio Lower Upper
200 100
173 30.2 8.6 48.6
215 46.7 25.1 65.1

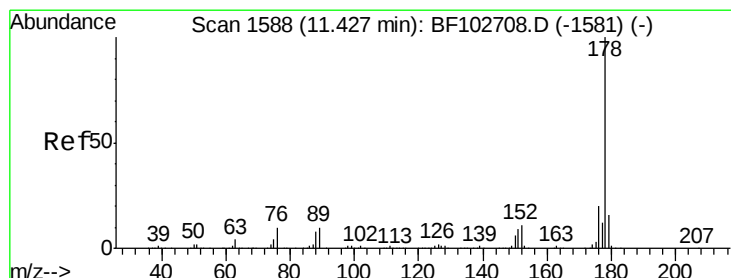
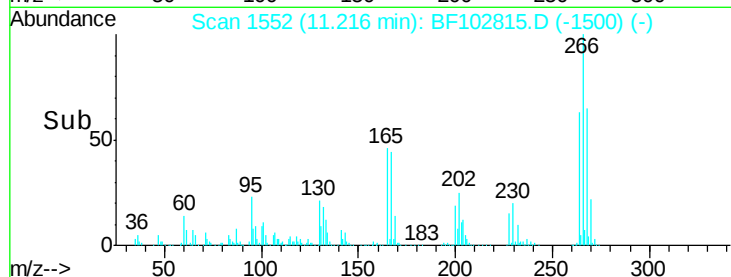
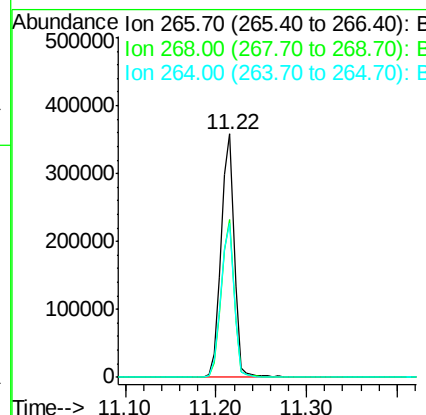
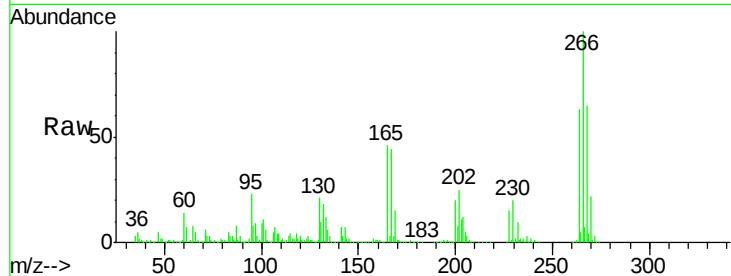




#69
 Pentachlorophenol
 Concen: 82.67 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF102815.D
 Acq: 7 Feb 2018 15:09

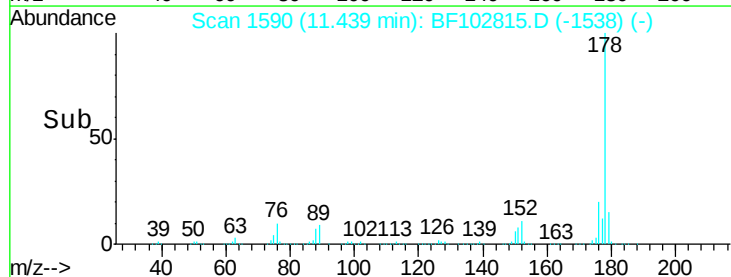
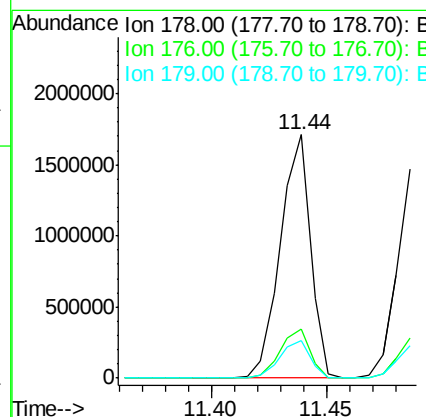
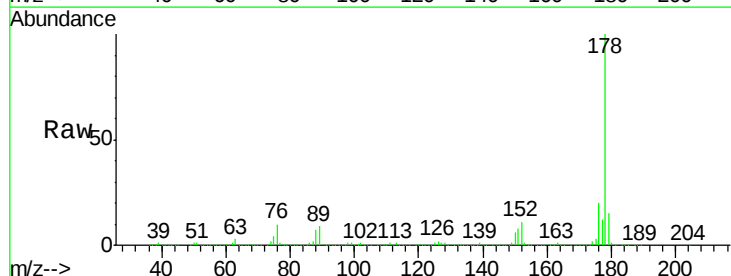
Instrument :
 BNA_F
 ClientSampled :

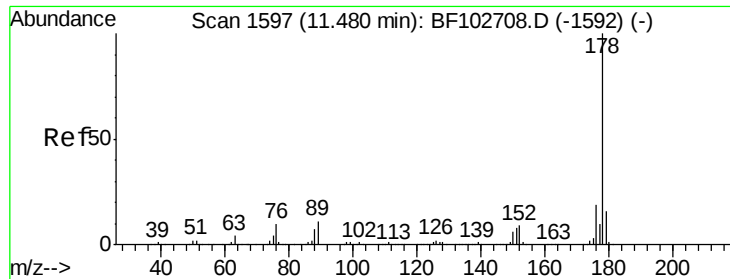
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.1	76.7
264	63.2	49.5	74.3



#70
 Phenanthrene
 Concen: 43.75 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF102815.D
 Acq: 7 Feb 2018 15:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.4	13.0	19.6

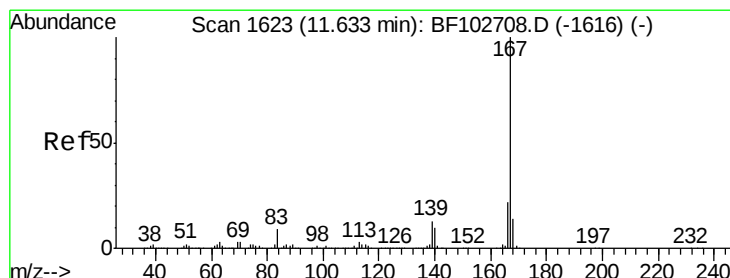
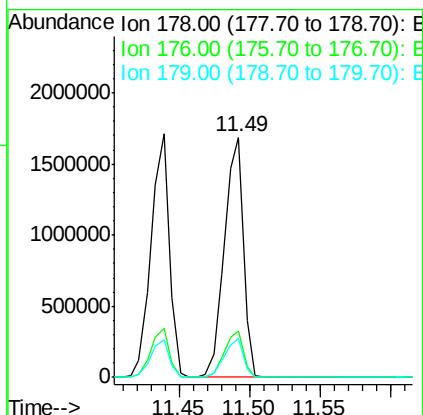
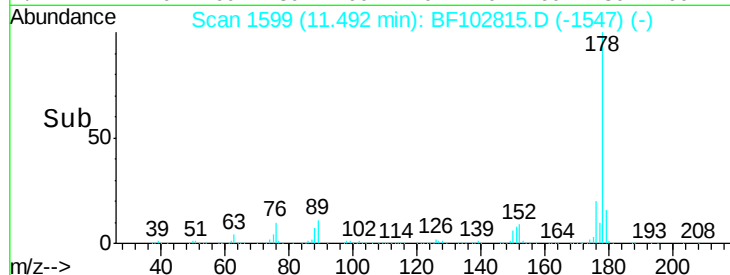
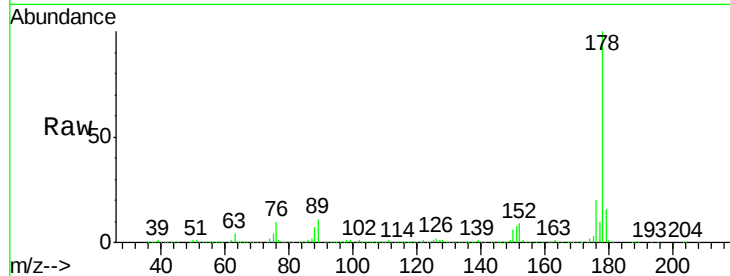




#71
 Anthracene
 Concen: 44.05 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF102815.D
 Acq: 7 Feb 2018 15:09

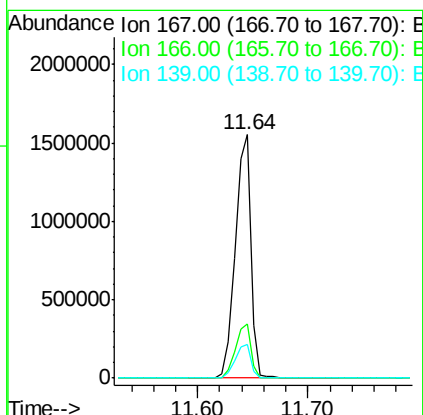
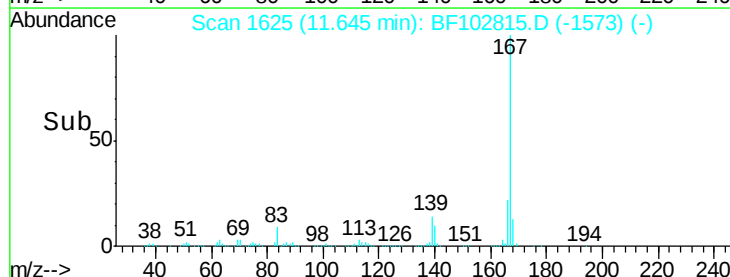
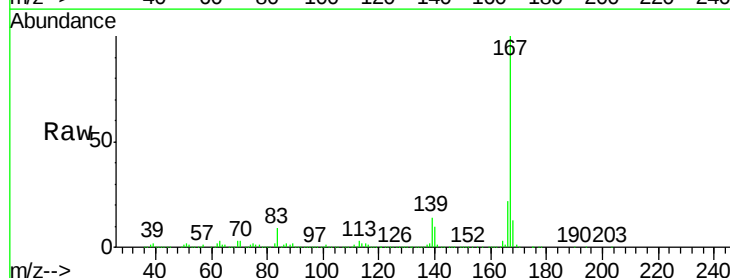
Instrument :
 BNA_F
 ClientSampleId :

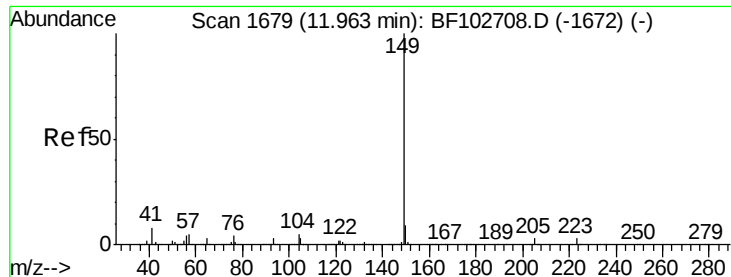
Tot Ion:178 Resp: 1588997
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 43.82 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF102815.D
 Acq: 7 Feb 2018 15:09

Tgt Ion:167 Resp: 1548657
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 43.54 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Instrument :

BNA_F

ClientSampleId :

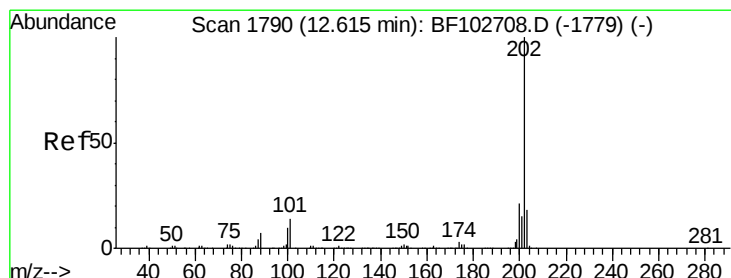
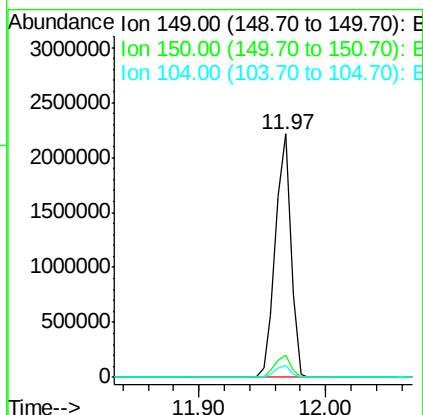
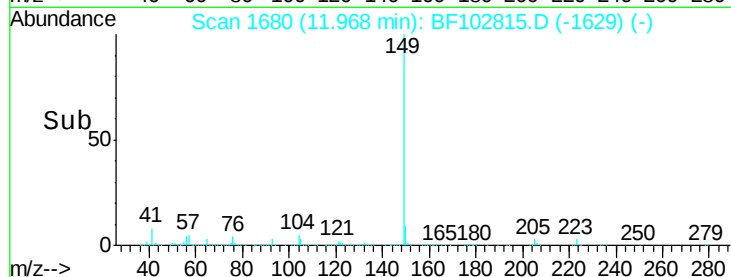
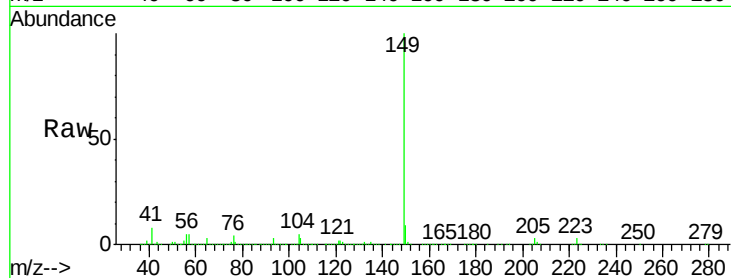
Tot Ion:149 Resp: 1869198

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

104 4.7 3.8 5.8



#74

Fluoranthene

Concen: 44.25 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

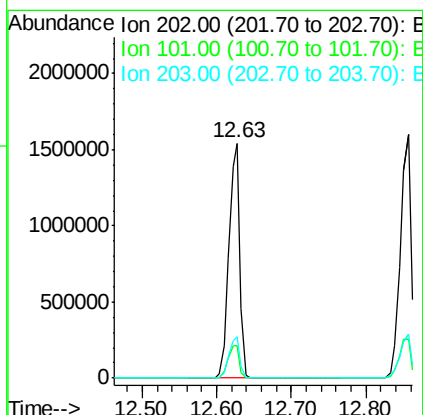
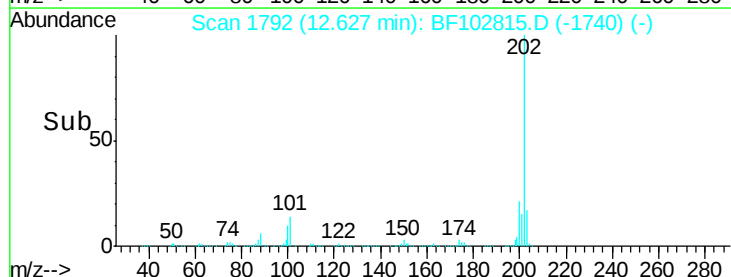
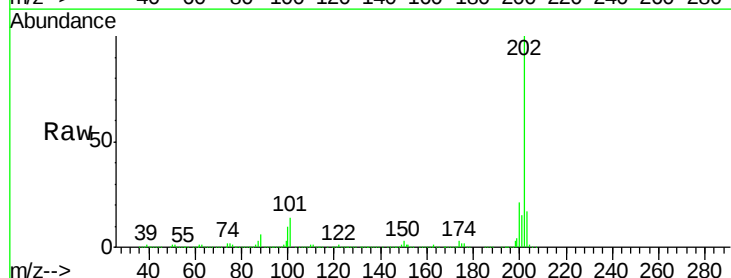
Tgt Ion:202 Resp: 1578847

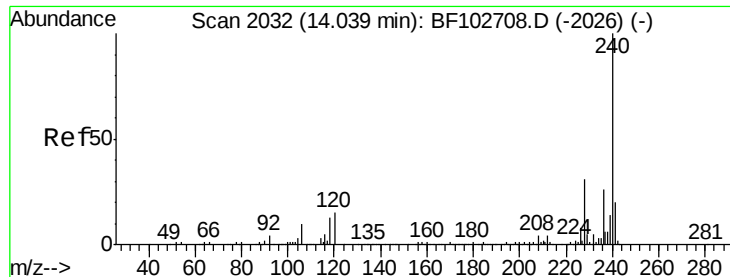
Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.1

203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Instrument :

BNA_F

ClientSampleId :

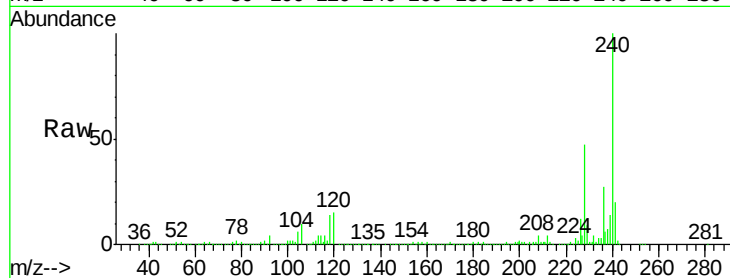
Tot Ion:240 Resp: 401492

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

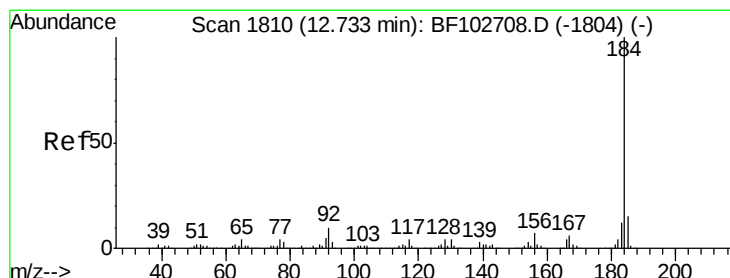
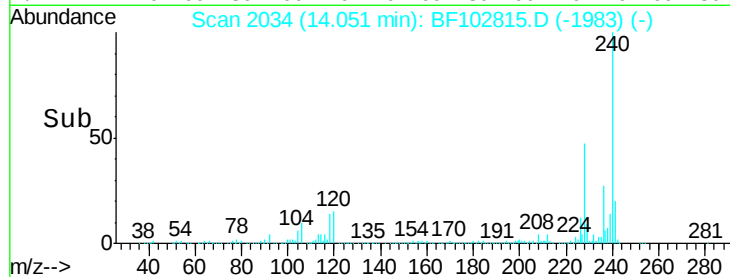
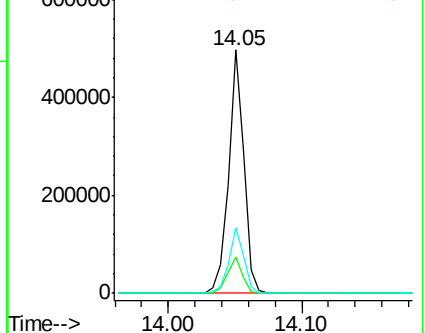
236 27.0 20.7 31.1



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: 8.37 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

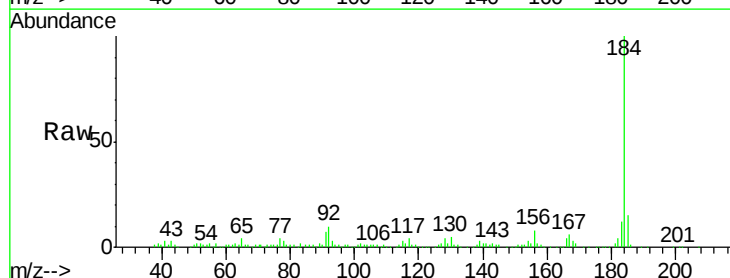
Tgt Ion:184 Resp: 154416

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

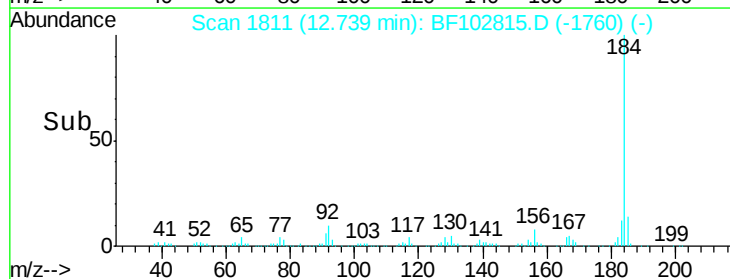
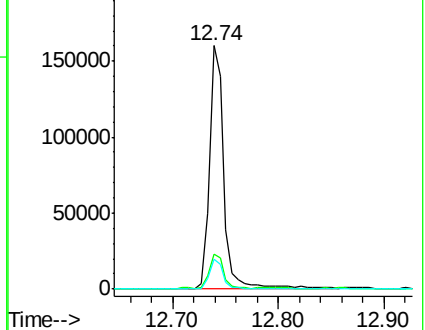
183 12.1 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

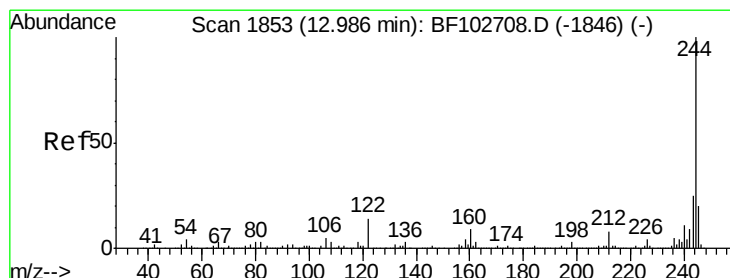
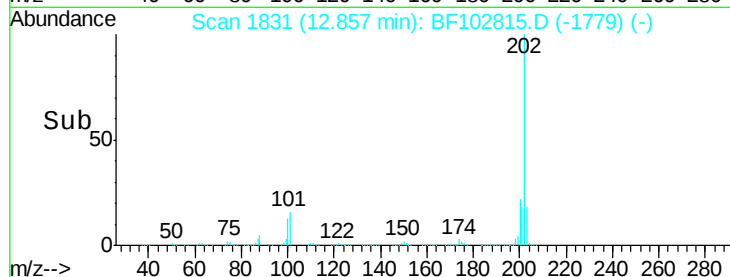
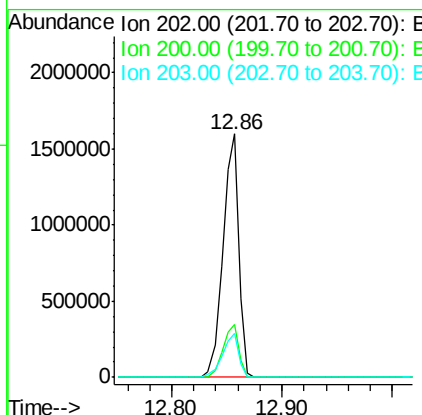
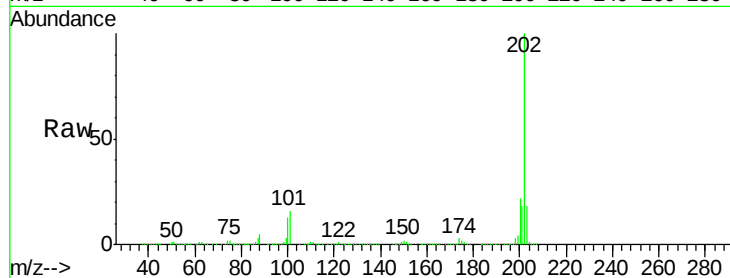




#77
Pvrene
Concen: 50.48 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

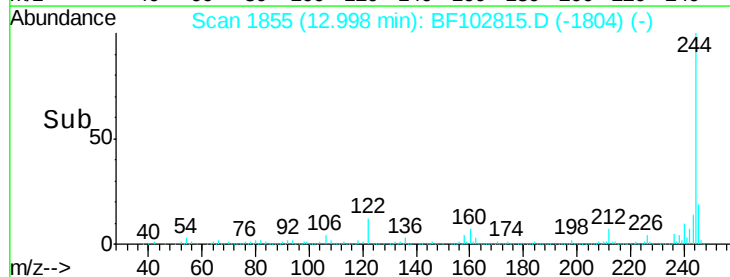
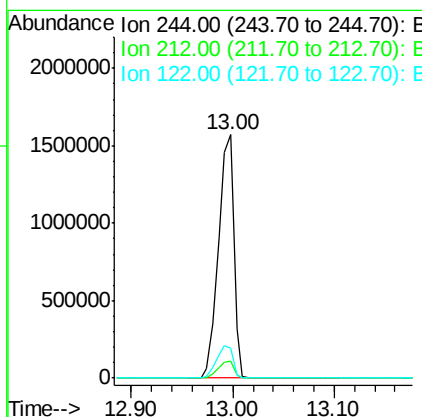
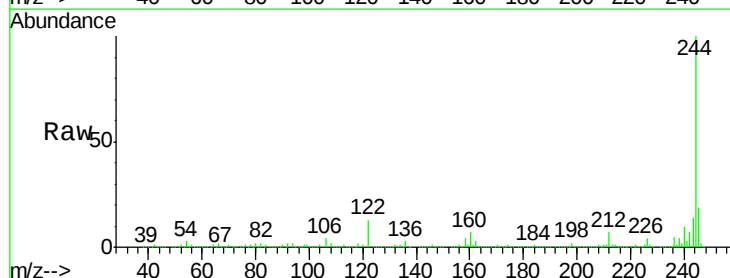
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1589315
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.9 14.3 21.5



#78
Terphenyl-d14
Concen: 98.30 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

Tgt Ion:244 Resp: 1666778
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.5 11.0 16.4





#79

Butylbenzylphthalate

Concen: 51.48 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Instrument :

BNA_F

ClientSampled :

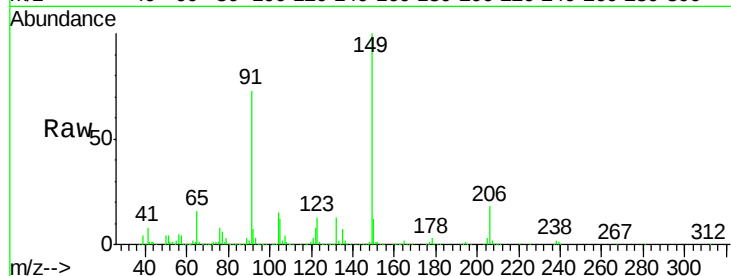
Tot Ion:149 Resp: 776346

Ion Ratio Lower Upper

149 100

91 72.5 56.8 85.2

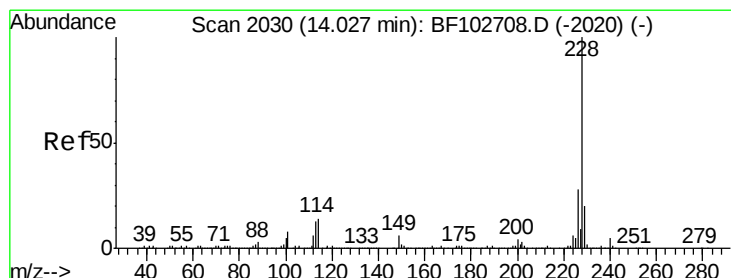
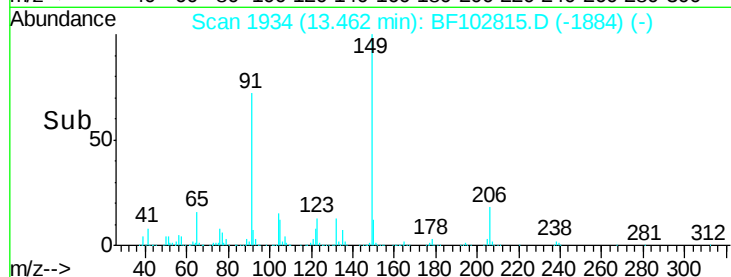
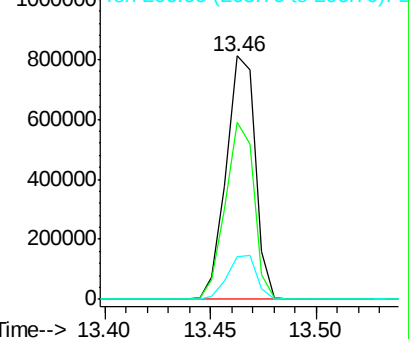
206 17.8 14.1 21.1



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: 48.68 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

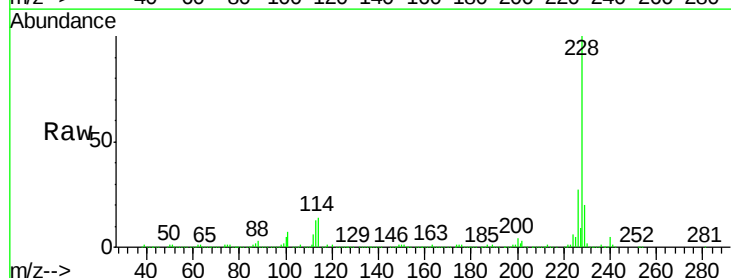
Tgt Ion:228 Resp: 1229065

Ion Ratio Lower Upper

228 100

226 26.9 22.6 33.8

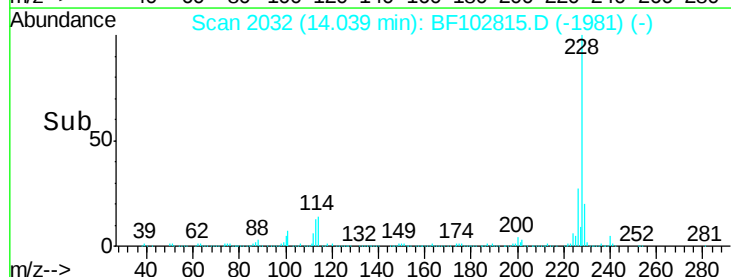
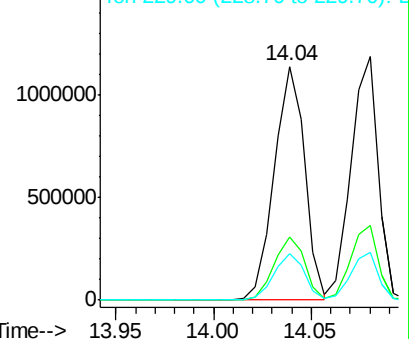
229 19.9 15.8 23.6



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: 25.89 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Instrument :

BNA_F

ClientSampleId :

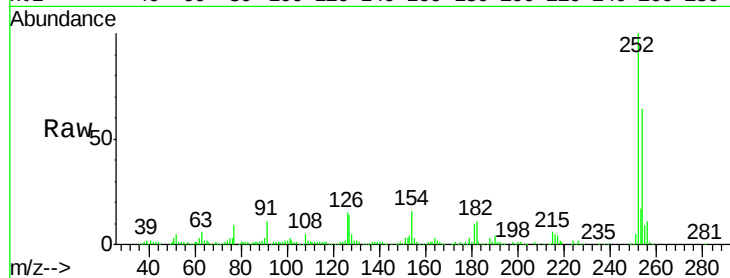
Tot Ion:252 Resp: 242414

Ion Ratio Lower Upper

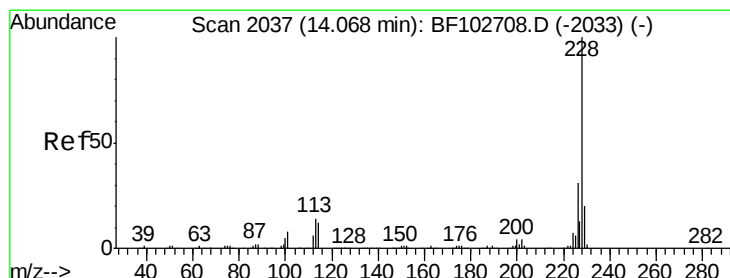
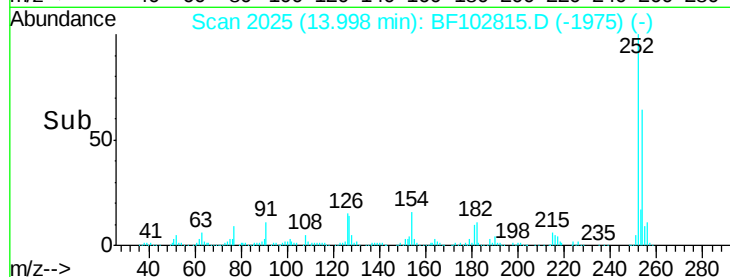
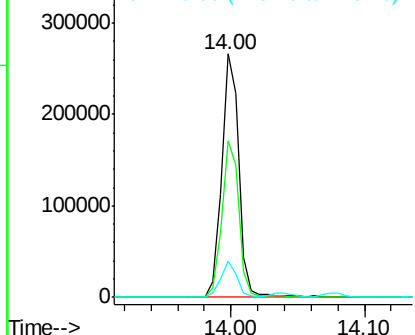
252 100

254 64.4 50.4 75.6

126 14.9 11.3 16.9



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



#82

Chrysene

Concen: 45.48 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

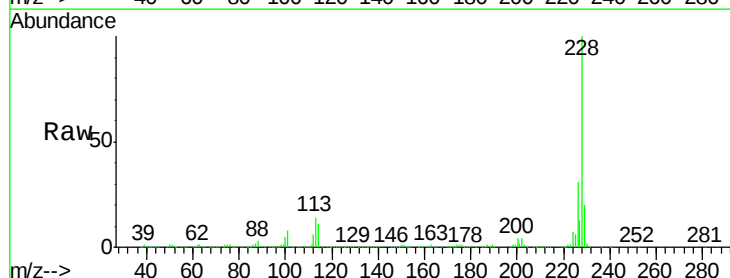
Tgt Ion:228 Resp: 1157538

Ion Ratio Lower Upper

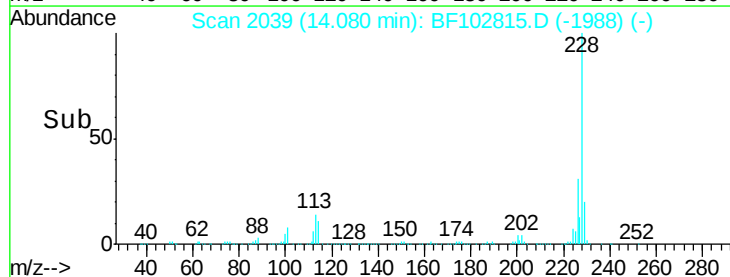
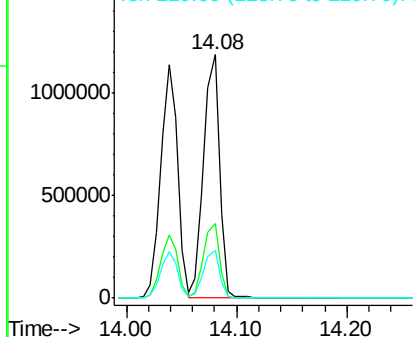
228 100

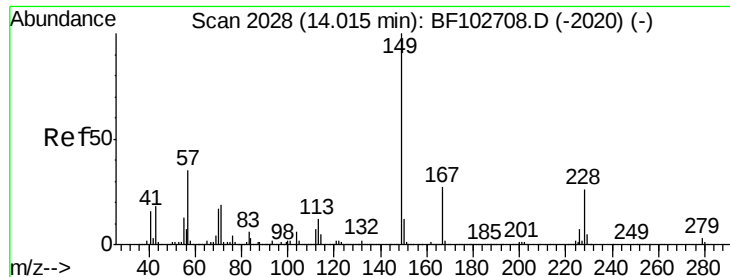
226 30.5 25.0 37.6

229 19.7 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.77 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Instrument :

BNA_F

ClientSampleId :

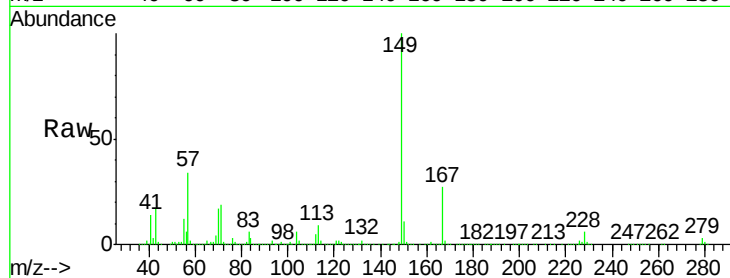
Tot Ion:149 Resp: 979143

Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

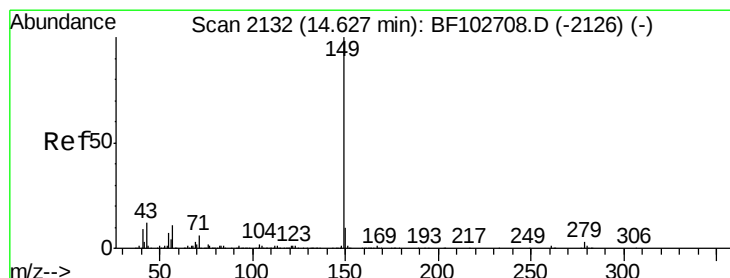
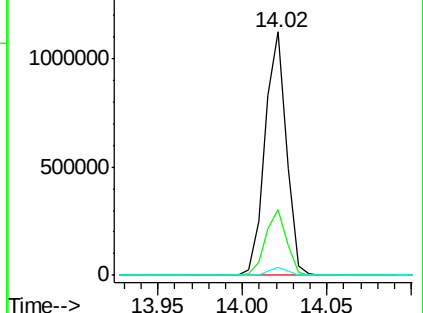
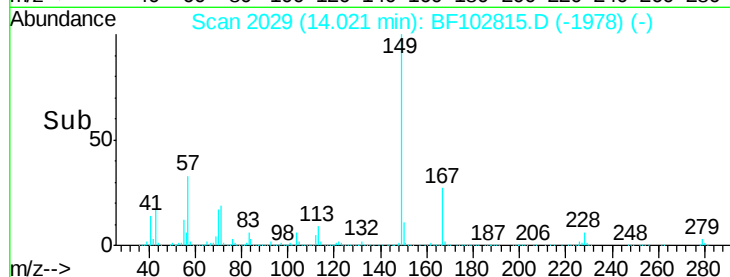
279 3.2 3.0 4.4



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: 51.95 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

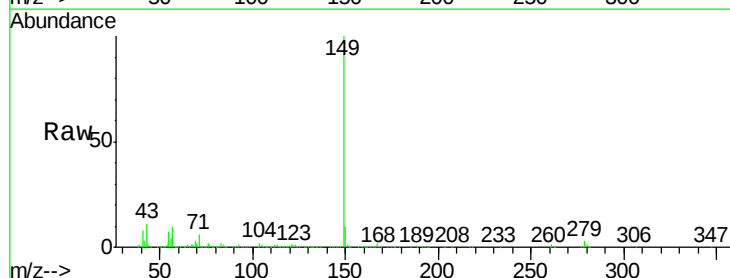
Tgt Ion:149 Resp: 1504553

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

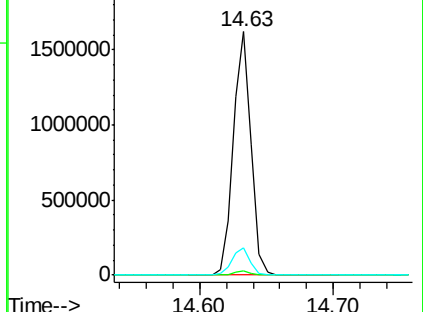
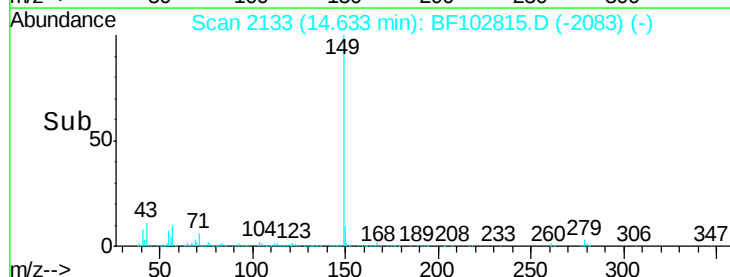
43 11.2 8.4 12.6

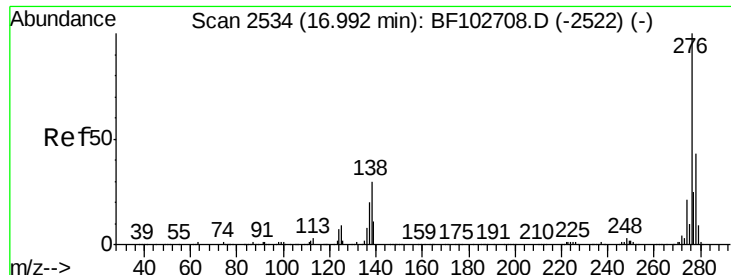


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

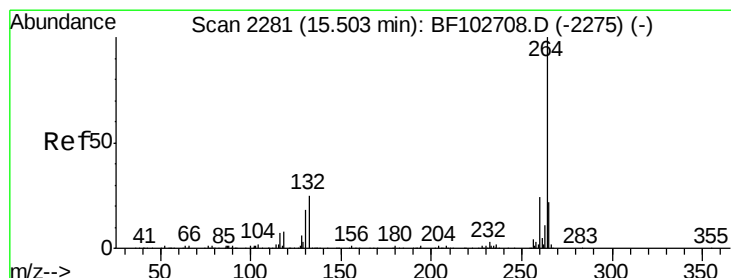
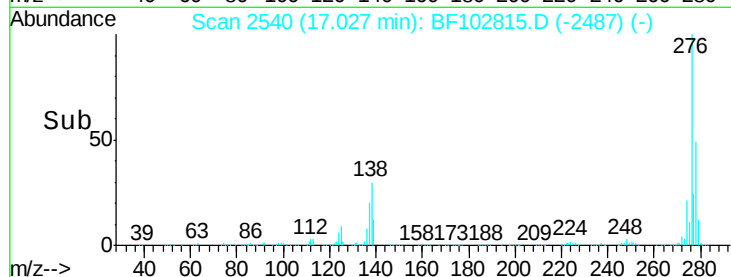
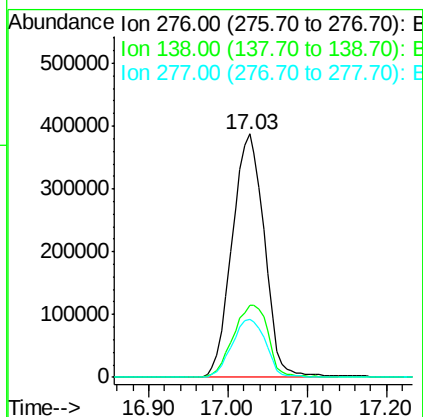
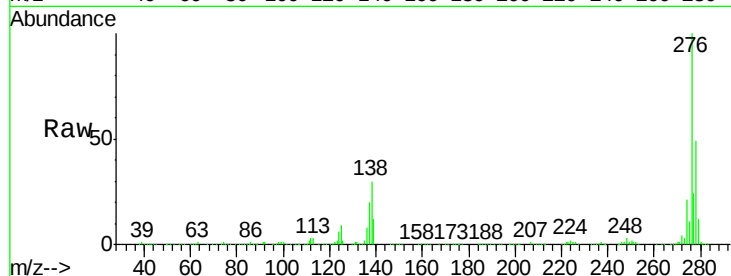




#85
Indeno(1,2,3-cd)pyrene
Concen: 51.83 ng
RT: 17.03 min Scan# 2540
Delta R.T. 0.01 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

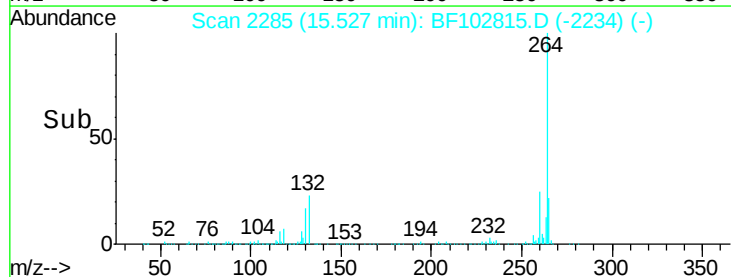
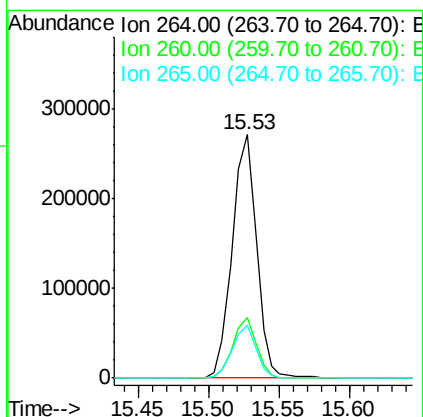
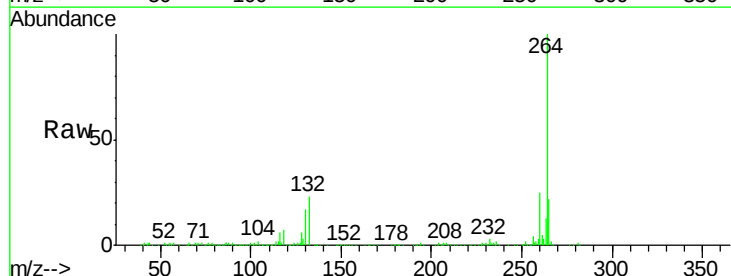
Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 1094161
Ion Ratio Lower Upper
276 100
138 32.3 25.0 37.6
277 25.2 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: BF102815.D
Acq: 7 Feb 2018 15:09

Tgt Ion:264 Resp: 330069
Ion Ratio Lower Upper
264 100
260 24.7 19.2 28.8
265 21.5 17.5 26.3

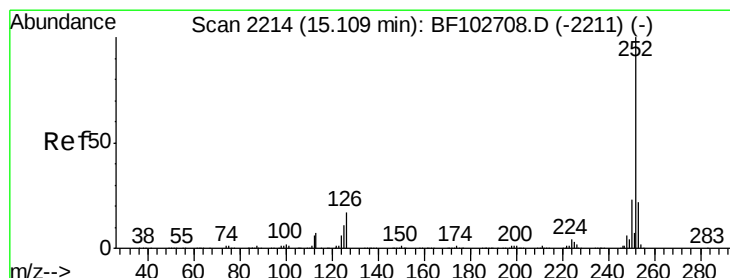
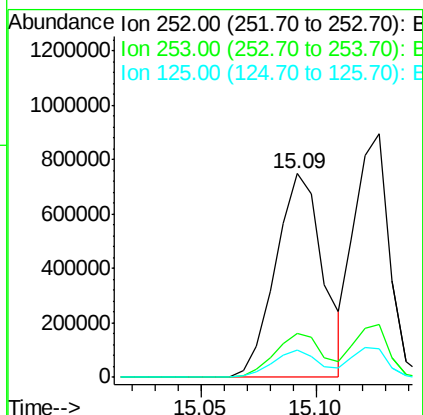
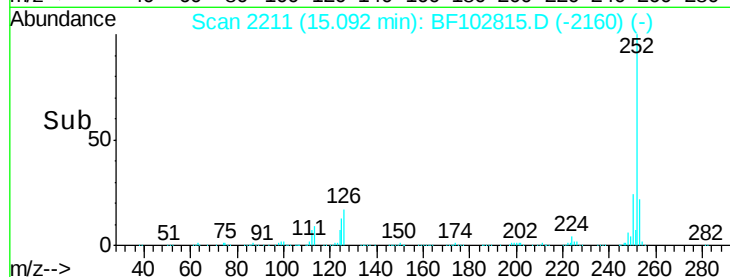
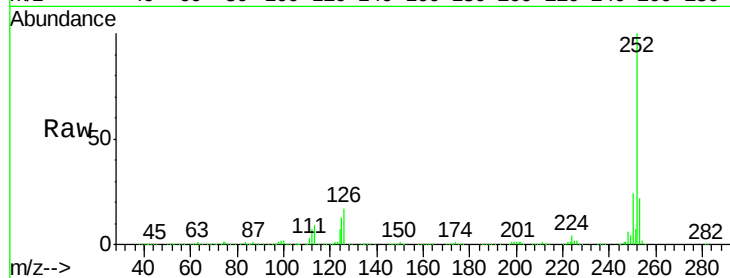




#87
Benzo(b)fluoranthene
Concen: 50.01 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

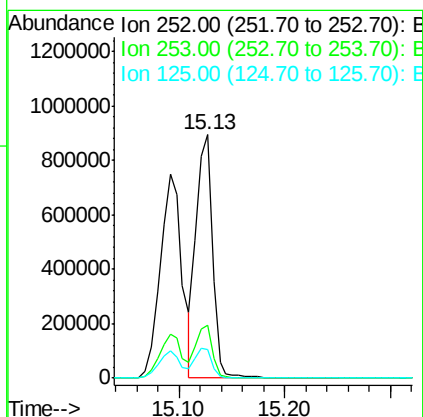
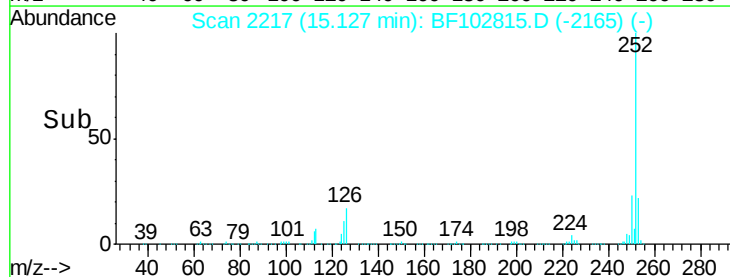
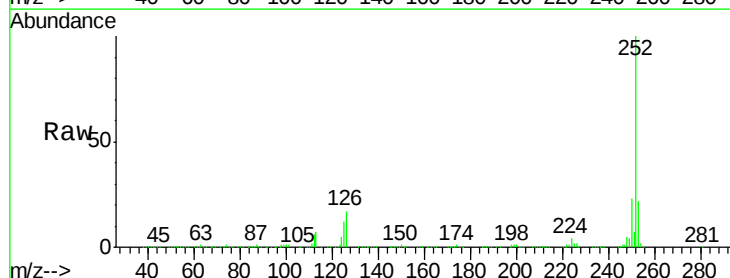
Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1070273
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 13.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 46.36 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

Tgt Ion:252 Resp: 947850
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: 49.27 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Instrument :

BNA_F

ClientSampleId :

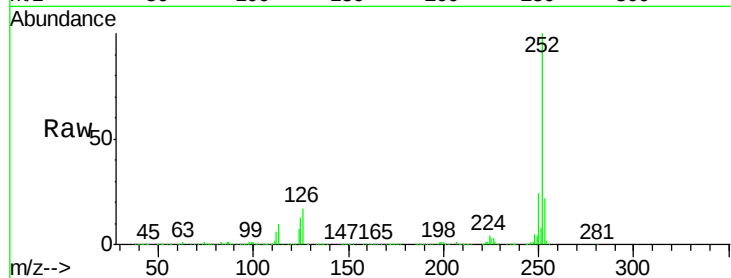
Tot Ion:252 Resp: 949035

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

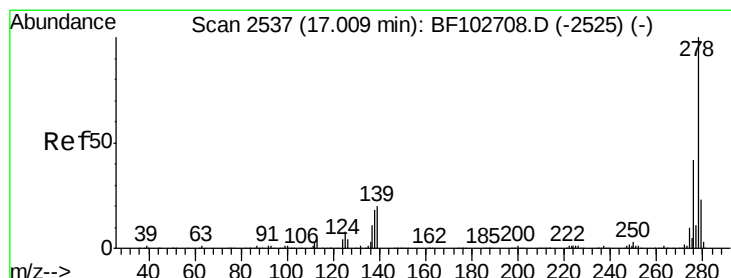
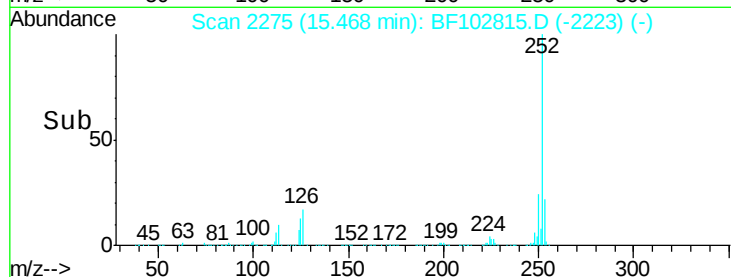
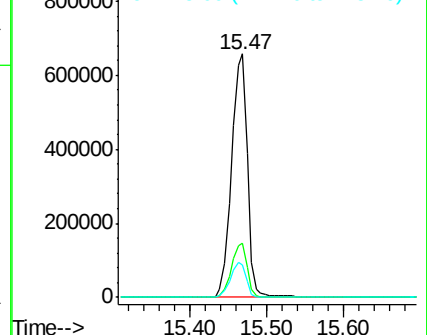
125 13.4 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 56.93 ng

RT: 17.04 min Scan# 2543

Delta R.T. 0.01 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

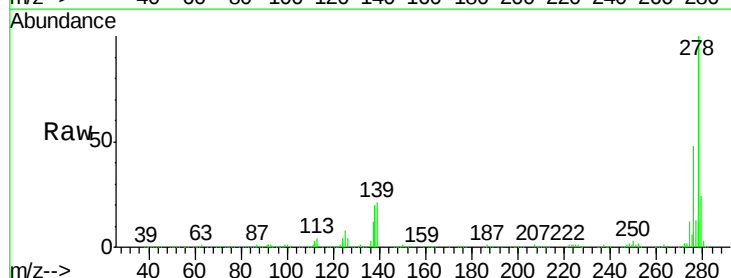
Tgt Ion:278 Resp: 890095

Ion Ratio Lower Upper

278 100

139 20.6 15.9 23.9

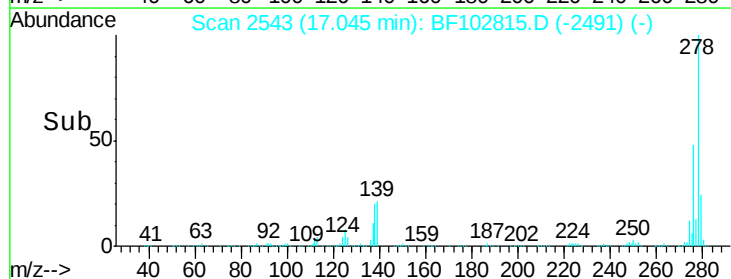
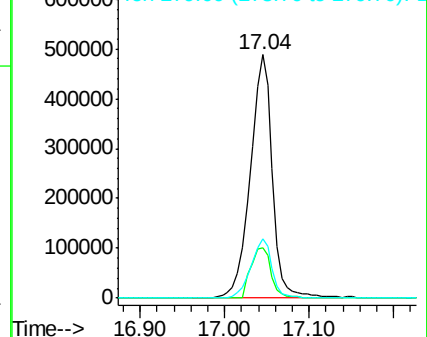
279 24.2 19.0 28.4

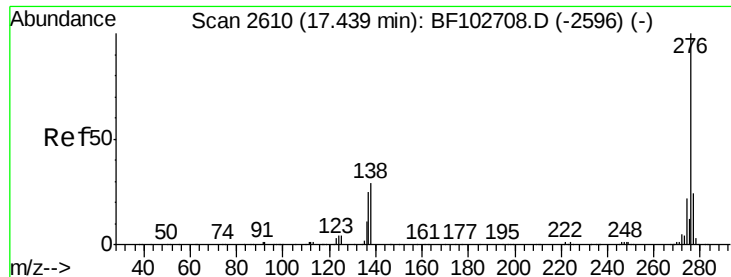


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

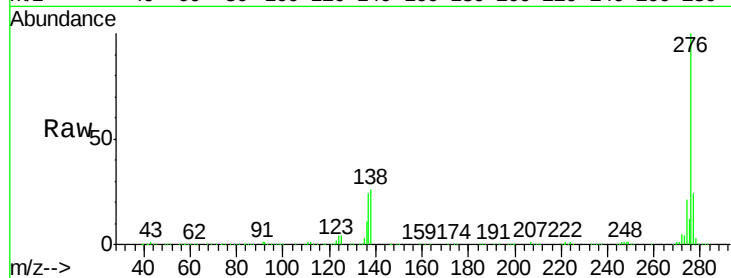




#91
 Benzo(a,h,i)perylene
 Concen: 63.43 ng
 RT: 17.49 min Scan# 2618
 Delta R.T. 0.01 min
 Lab File: BF102815.D
 Acq: 7 Feb 2018 15:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	26.5	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

