

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102813.D
 Acq On : 7 Feb 2018 14:14
 Operator : SJ/JU
 Sample : J1458-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 02:14:24 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	189583	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	807824	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	371578	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	669005	20.00	ng	0.00
75) Chrysene-d12	14.05	240	461942	20.00	ng	0.00
86) Perylene-d12	15.53	264	374007	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1620608	129.82	ng	0.02
7) Phenol-d6	6.52	99	1977450	131.56	ng	0.01
23) Nitrobenzene-d5	7.45	82	1273904	109.39	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	440543	147.30	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1930407	86.21	ng	0.00
78) Terphenyl-d14	13.00	244	1835270	94.07	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.72	88	258219	41.88	ng	# 86
3) Pyridine	3.49	79	753437	44.23	ng	89
4) n-Nitrosodimethylamine	3.44	42	370947	50.89	ng	97
6) Aniline	6.55	93	644819	29.05	ng	98
8) 2-Chlorophenol	6.67	128	632033	49.18	ng	94
9) Benzaldehyde	6.43	77	210659	18.87	ng	96
10) Phenol	6.53	94	915969	56.86	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	622335	46.43	ng	91
12) 1,3-Dichlorobenzene	6.82	146	646447	43.44	ng	98
13) 1,4-Dichlorobenzene	6.90	146	657559	44.35	ng	99
14) 1,2-Dichlorobenzene	7.06	146	600922	43.52	ng	97
15) Benzyl Alcohol	7.02	79	562952	48.71	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1131503	44.44	ng	98
17) 2-Methylphenol	7.13	107	559241	47.17	ng	99
18) Hexachloroethane	7.39	117	242307	47.66	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	441522	44.55	ng	95
20) 3+4-Methylphenols	7.29	107	635840	43.49	ng	# 81
22) Acetophenone	7.29	105	859071	43.46	ng	# 92
24) Nitrobenzene	7.47	77	687488	50.20	ng	97
25) Isophorone	7.70	82	1300392	48.50	ng	99
26) 2-Nitrophenol	7.78	139	367964	62.25	ng	96
27) 2,4-Dimethylphenol	7.82	122	589936	52.07	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	805538	50.71	ng	99
29) 2,4-Dichlorophenol	8.02	162	536072	52.05	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	517581	44.43	ng	98
31) Naphthalene	8.19	128	1755600	44.48	ng	99
32) Benzoic acid	7.82	122	589936	65.34	ng	# 14
33) 4-Chloroaniline	8.23	127	308061	18.12	ng	99
34) Hexachlorobutadiene	8.30	225	257182	43.08	ng	100
35) Caprolactam	8.67	113	70194	19.63	ng	94
36) 4-Chloro-3-methylphenol	8.72	107	611931	52.88	ng	99
37) 2-Methylnaphthalene	8.88	142	1186462	45.91	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	441195	43.61	ng	98
40) Hexachlorocyclopentadiene	9.03	237	442971	92.10	ng	100

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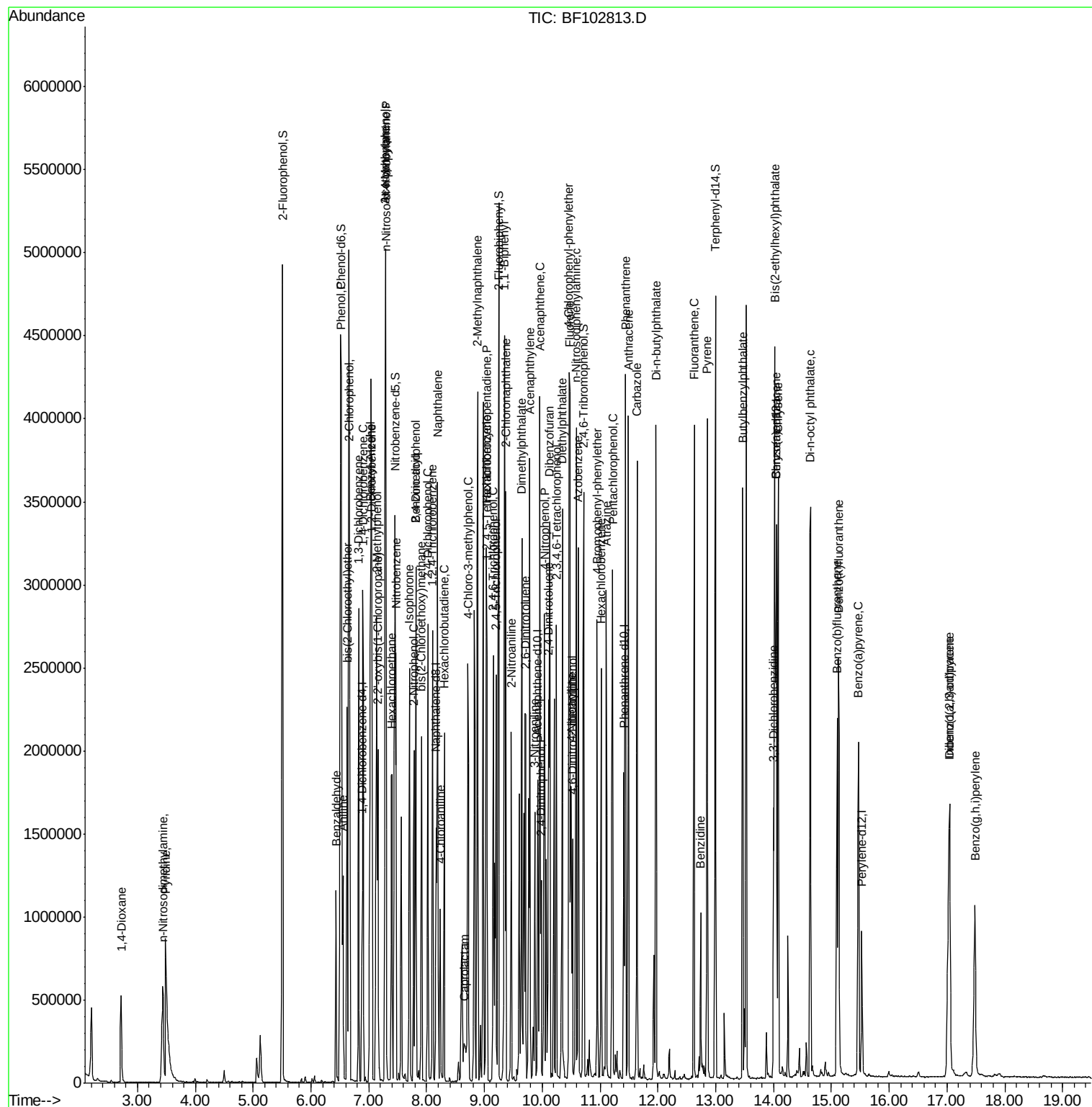
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	358708	53.98	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	381667	50.96	nq	99
45) 1,1'-Biphenyl	9.35	154	1360853	43.48	nq	99
46) 2-Chloronaphthalene	9.37	162	1104573	44.83	nq	100
47) 2-Nitroaniline	9.46	65	431805	56.16	nq	87
48) Acenaphthylene	9.79	152	1671728	43.68	nq	99
49) Dimethylphthalate	9.65	163	1507892	52.05	nq	99
50) 2,6-Dinitrotoluene	9.71	165	307093	55.71	nq	94
51) Acenaphthene	9.96	154	1062034	46.41	nq	100
52) 3-Nitroaniline	9.87	138	254992	37.60	nq	96
53) 2,4-Dinitrophenol	9.98	184	134415	75.52	nq	# 20
54) Dibenzofuran	10.13	168	1476281	45.77	nq	98
55) 4-Nitrophenol	10.04	139	575626	102.11	nq	93
56) 2,4-Dinitrotoluene	10.11	165	418617	56.07	nq	96
57) Fluorene	10.47	166	1090502	46.47	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	289127	55.70	nq	99
59) Diethylphthalate	10.35	149	1284561	44.90	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	478593	46.10	nq	99
61) 4-Nitroaniline	10.50	138	364661	56.49	nq	94
62) Azobenzene	10.62	77	1280928	44.82	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	186699	61.43	nq	89
65) n-Nitrosodiphenylamine	10.59	169	1036618	43.93	nq	99
66) 4-Bromophenyl-phenylether	10.96	248	319426	45.14	nq	# 89
67) Hexachlorobenzene	11.02	284	338627	43.37	nq	92
68) Atrazine	11.11	200	334612	48.07	nq	98
69) Pentachlorophenol	11.22	266	376505	82.15	nq	98
70) Phenanthrene	11.44	178	1611877	43.26	nq	99
71) Anthracene	11.49	178	1668173	44.02	nq	99
72) Carbazole	11.65	167	1627996	43.85	nq	99
73) Di-n-butylphthalate	11.97	149	2000938	44.37	nq	100
74) Fluoranthene	12.63	202	1669215	44.53	nq	99
76) Benzidine	12.74	184	382959	18.04	nq	98
77) Pyrene	12.86	202	1693559	46.75	nq	100
79) Butylbenzylphthalate	13.47	149	878656	50.65	nq	95
80) Benzo(a)anthracene	14.04	228	1360842	46.84	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	342904	31.83	nq	97
82) Chrysene	14.08	228	1311538	44.78	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1105550	49.82	nq	99
84) Di-n-octyl phthalate	14.64	149	1716339	51.51	nq	99
85) Indeno(1,2,3-cd)pyrene	17.03	276	1086473	44.73	nq	99
87) Benzo(b)fluoranthene	15.10	252	1146890	47.30	nq	97
88) Benzo(k)fluoranthene	15.13	252	1122949	48.47	nq	99
89) Benzo(a)pyrene	15.47	252	1054212	48.30	nq	# 97
90) Dibenzo(a,h)anthracene	17.05	278	891052	50.30	nq	99
91) Benzo(g,h,i)perylene	17.49	276	939257	54.17	nq	97

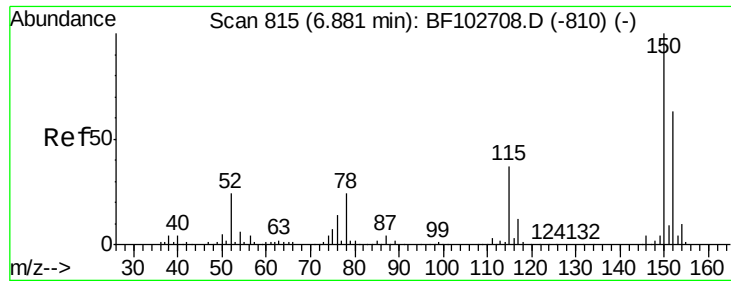
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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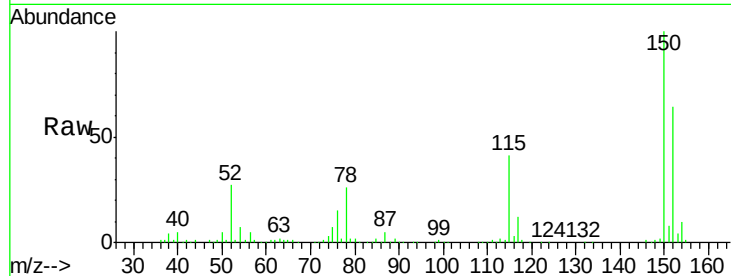


#1

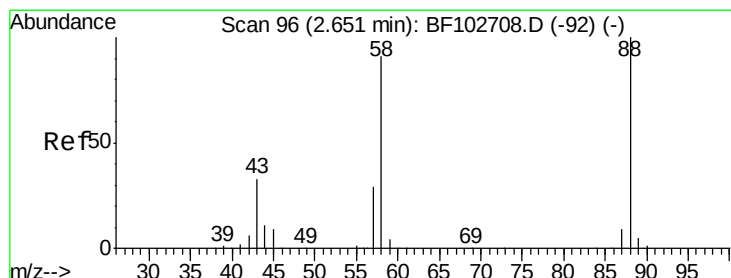
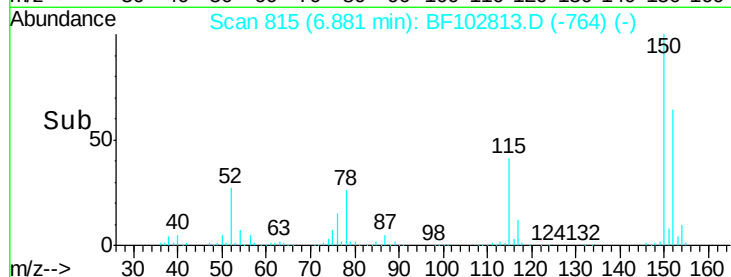
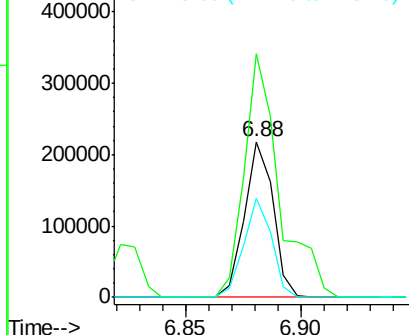
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 189583
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 64.0 50.1 75.1



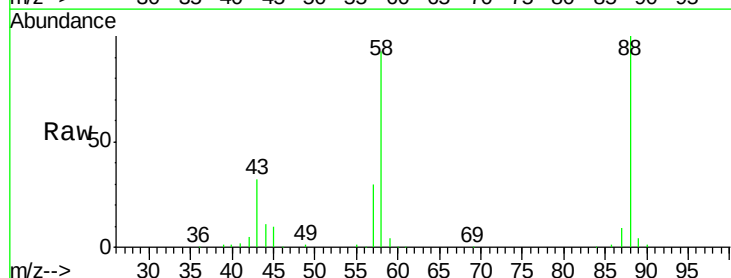
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



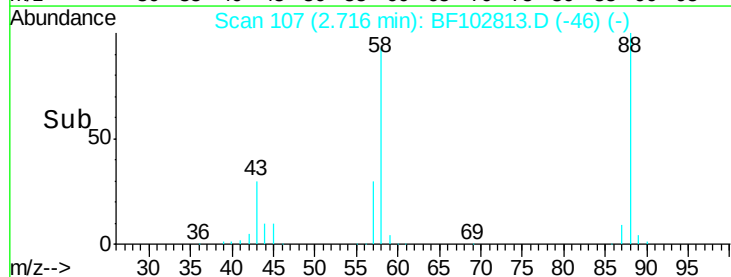
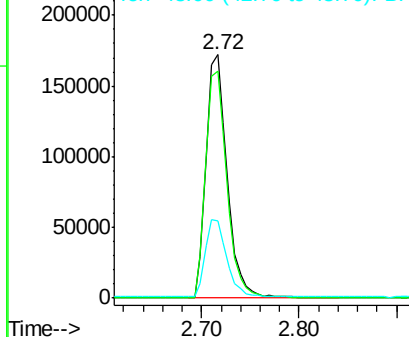
#2

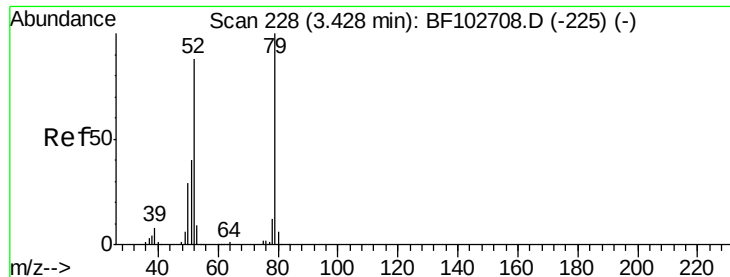
1,4-Dioxane
Concen: 41.88 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.06 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion: 88 Resp: 258219
Ion Ratio Lower Upper
88 100
58 94.7 62.6 93.8#
43 31.7 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: 44.23 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.05 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampleId :

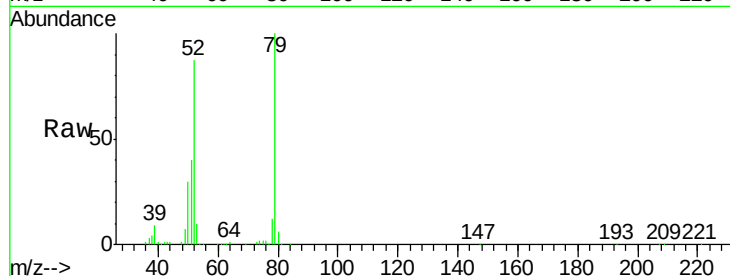
Tot Ion: 79 Resp: 753437

Ion Ratio Lower Upper

79 100

52 87.1 59.8 89.6

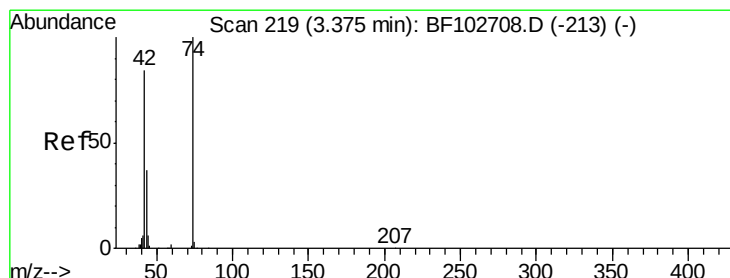
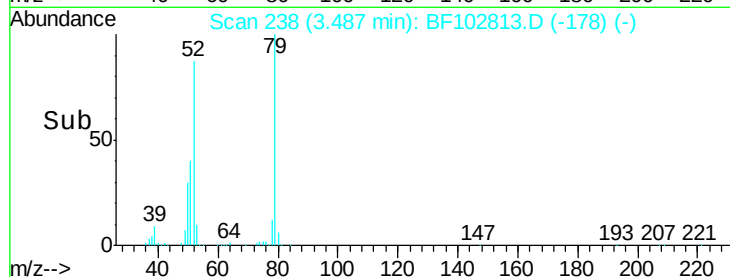
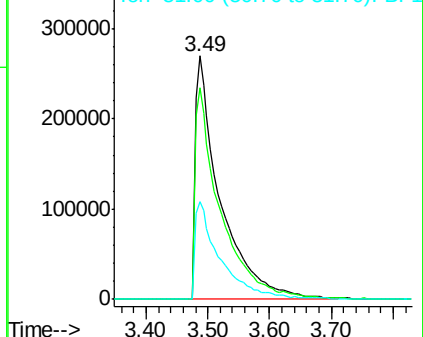
51 40.0 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 50.89 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.05 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

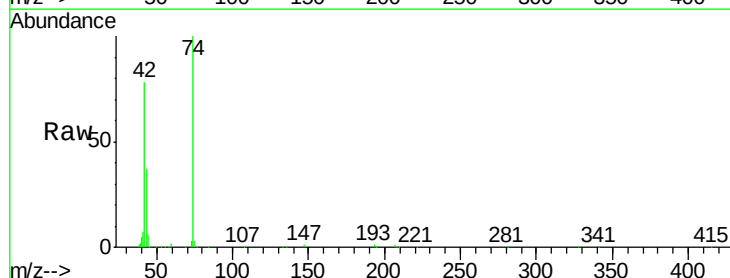
Tgt Ion: 42 Resp: 370947

Ion Ratio Lower Upper

42 100

74 128.1 104.9 157.3

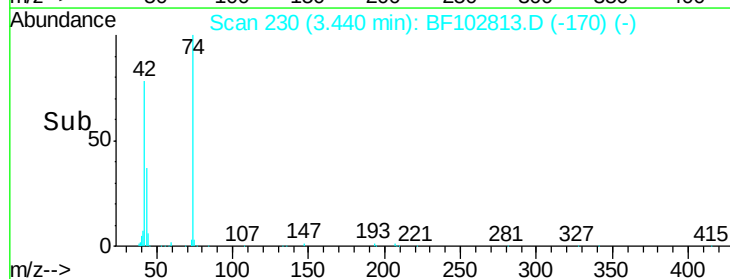
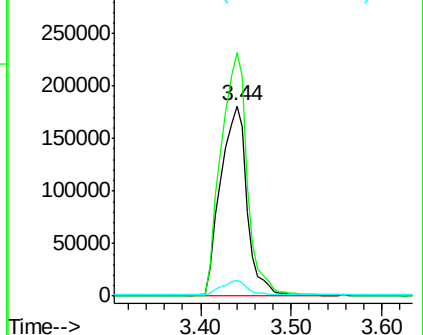
44 8.0 6.9 10.3

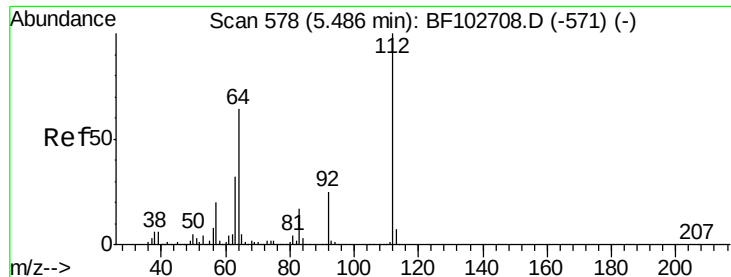


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 129.82 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

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ClientSampleId :

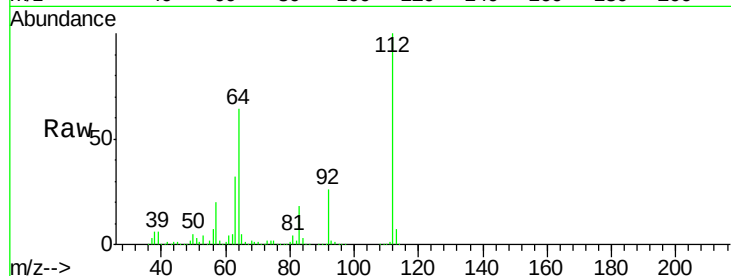
Tot Ion:112 Resp: 1620608

Ion Ratio Lower Upper

112 100

64 63.5 47.9 71.9

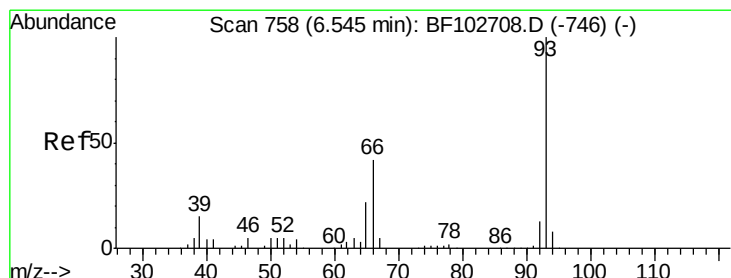
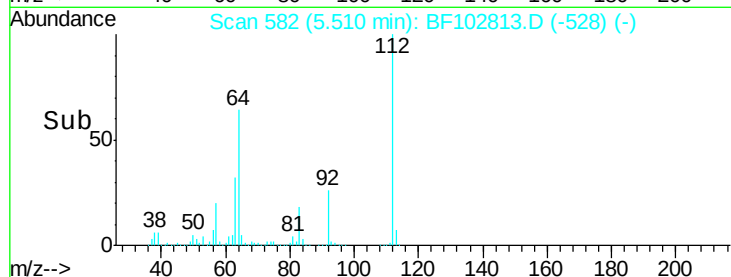
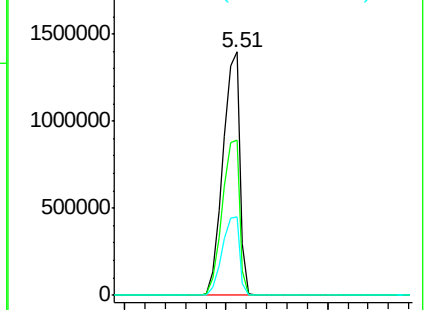
63 32.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.05 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

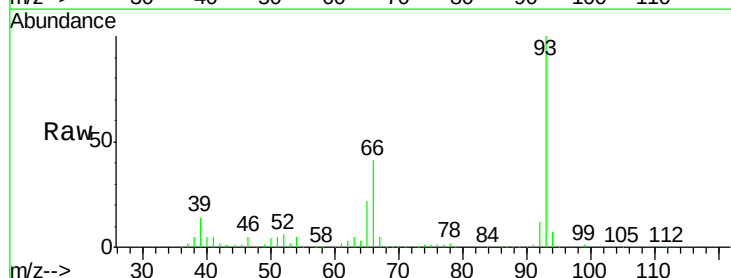
Tgt Ion: 93 Resp: 644819

Ion Ratio Lower Upper

93 100

66 40.9 32.2 48.2

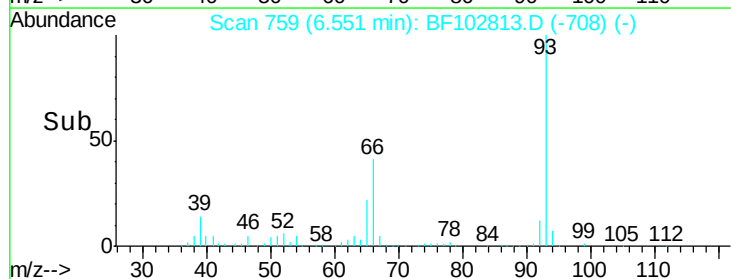
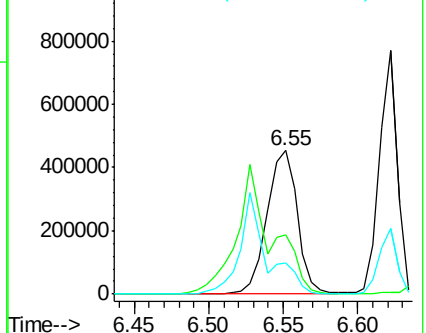
65 21.7 16.4 24.6

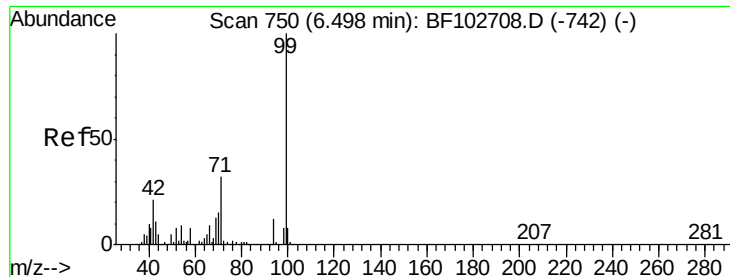


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 131.56 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

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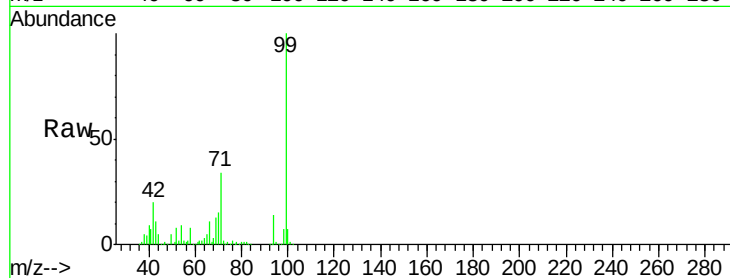
Tot Ion: 99 Resp: 1977450

Ion Ratio Lower Upper

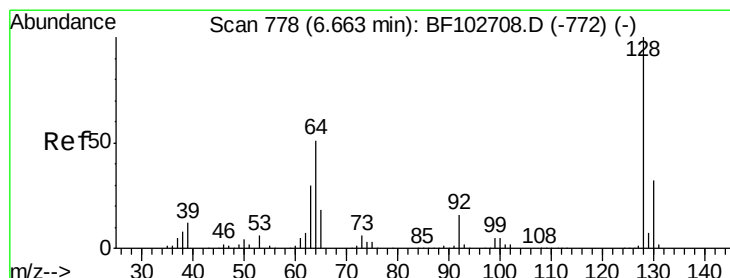
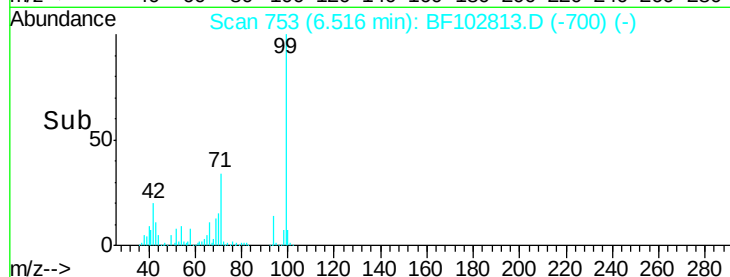
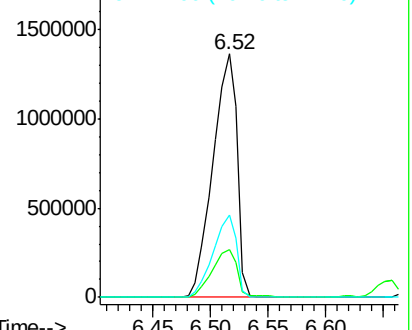
99 100

42 19.8 14.5 21.7

71 33.7 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: 49.18 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

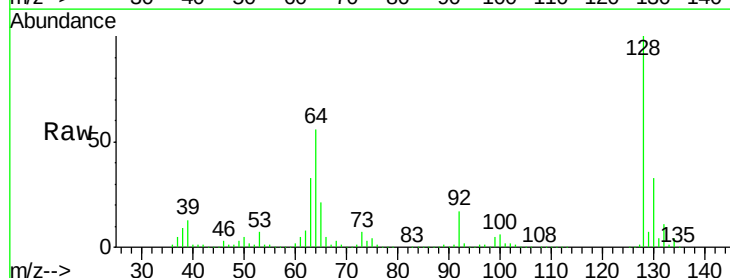
Tgt Ion:128 Resp: 632033

Ion Ratio Lower Upper

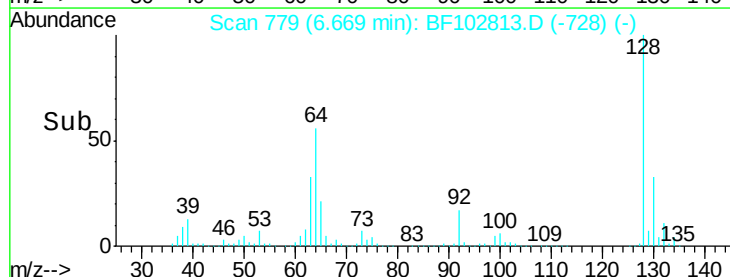
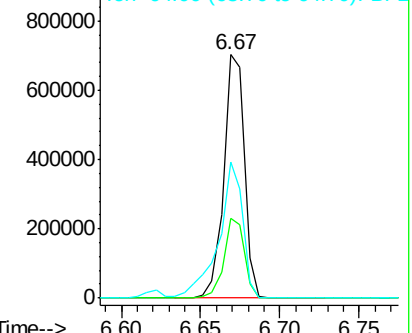
128 100

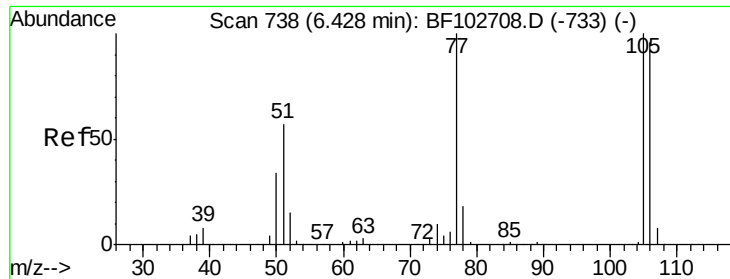
130 32.7 13.0 53.0

64 55.9 29.4 69.4



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





#9

Benzaldehyde

Concen: 18.87 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

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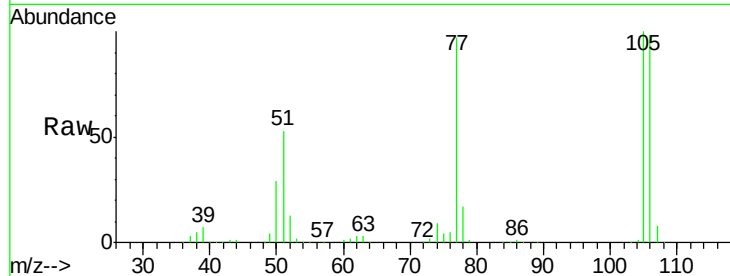
Tot Ion: 77 Resp: 210659

Ion Ratio Lower Upper

77 100

105 103.5 81.1 121.1

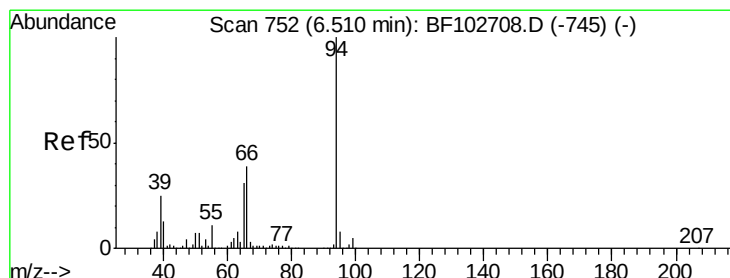
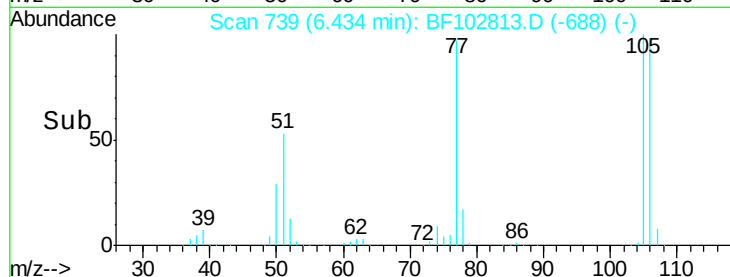
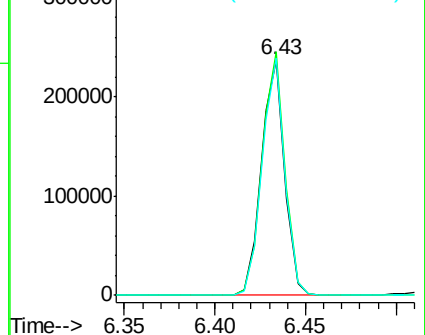
106 101.0 74.5 114.5



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: 56.86 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

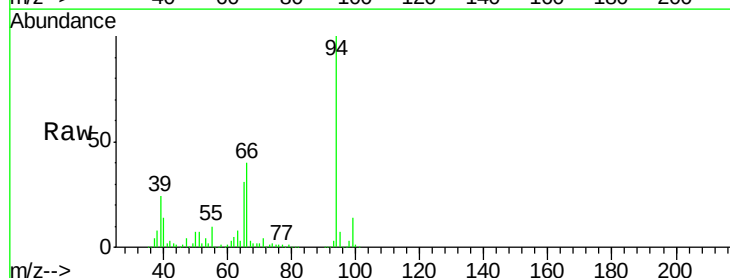
Tgt Ion: 94 Resp: 915969

Ion Ratio Lower Upper

94 100

65 31.2 7.9 47.9

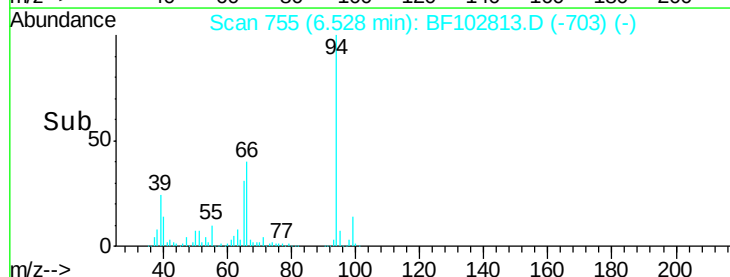
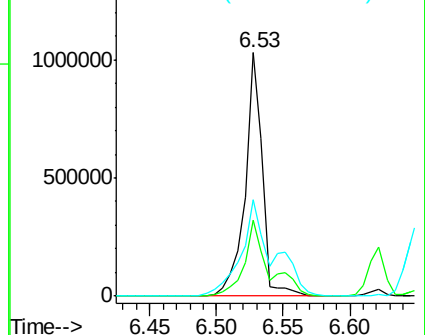
66 39.8 16.2 56.2

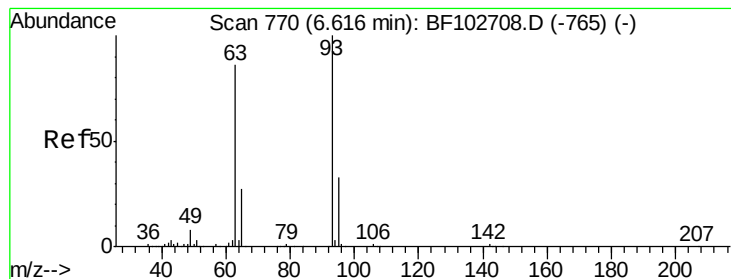


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

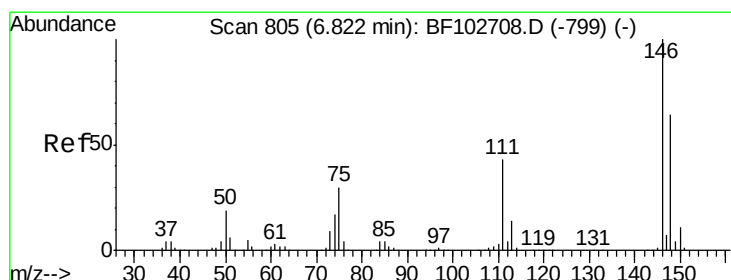
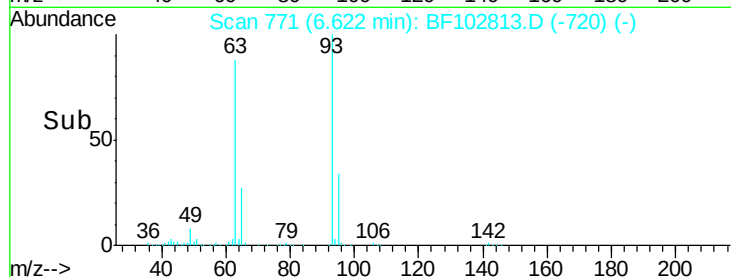
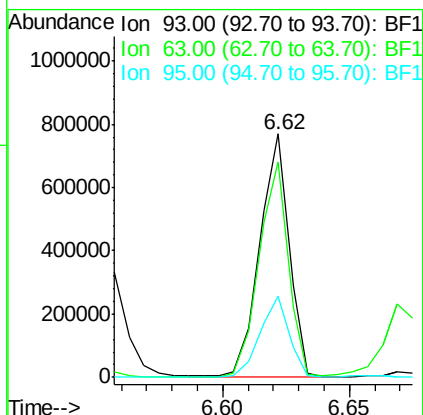
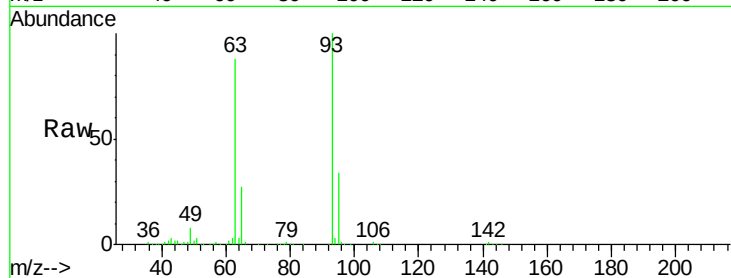




#11
bis(2-Chloroethyl)ether
Concen: 46.43 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

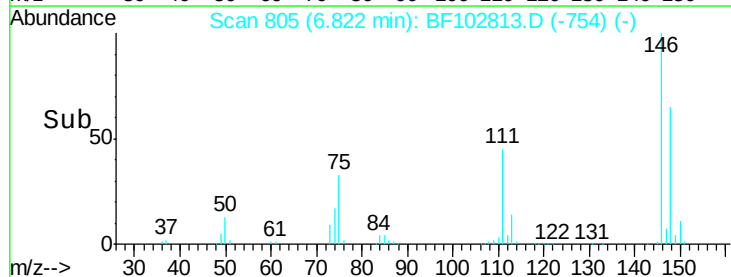
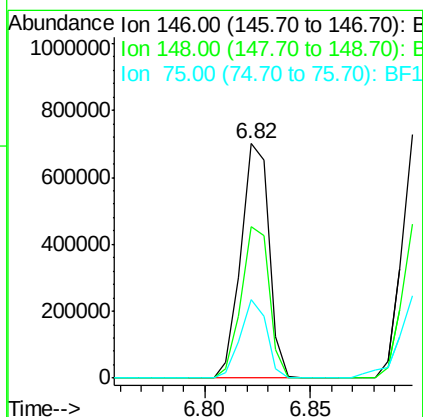
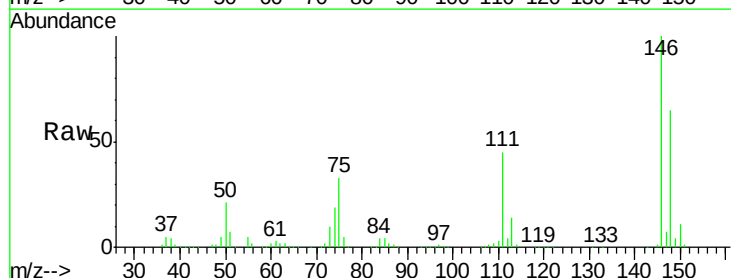
Instrument :
BNA_F
ClientSampleId :

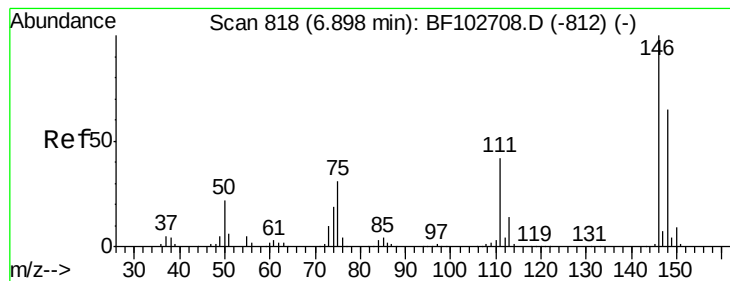
Tot Ion: 93 Resp: 622335
Ion Ratio Lower Upper
93 100
63 88.3 58.6 98.6
95 33.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 43.44 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion: 146 Resp: 646447
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.8
75 33.3 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 44.35 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampled :

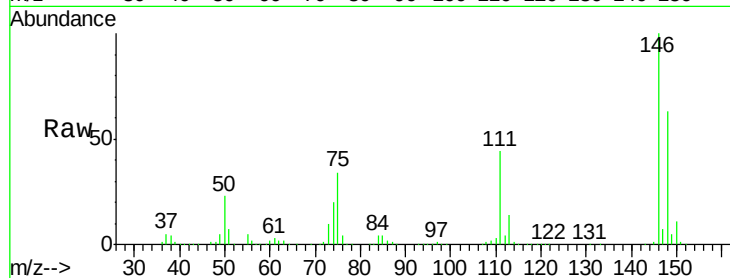
Tot Ion:146 Resp: 657559

Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

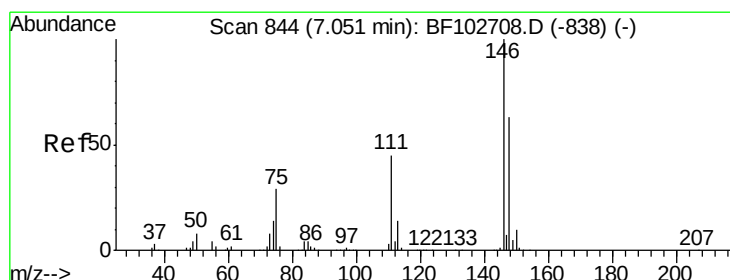
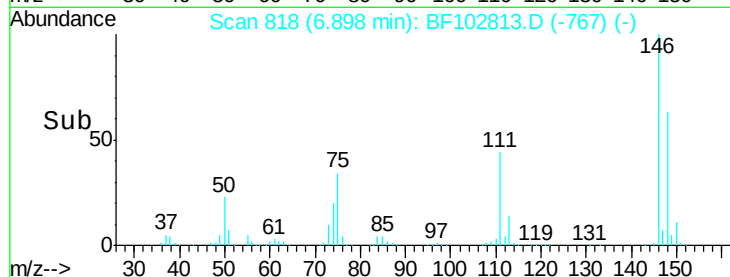
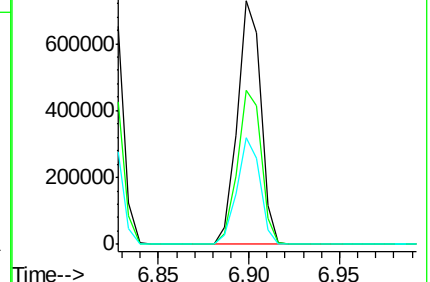
111 43.7 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.52 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

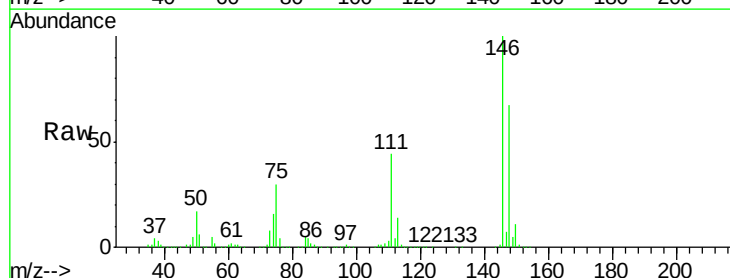
Tgt Ion:146 Resp: 600922

Ion Ratio Lower Upper

146 100

148 66.5 50.6 75.8

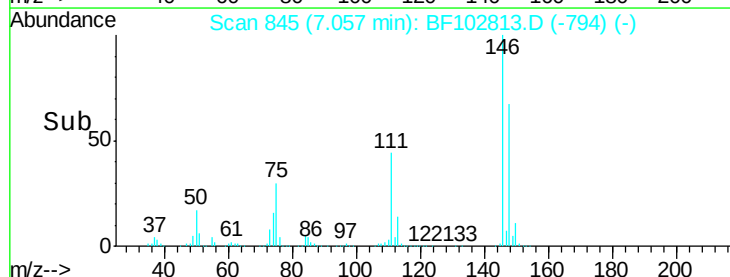
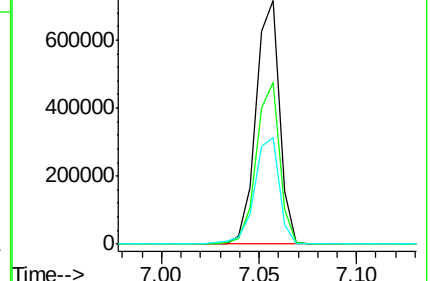
111 43.9 36.0 54.0

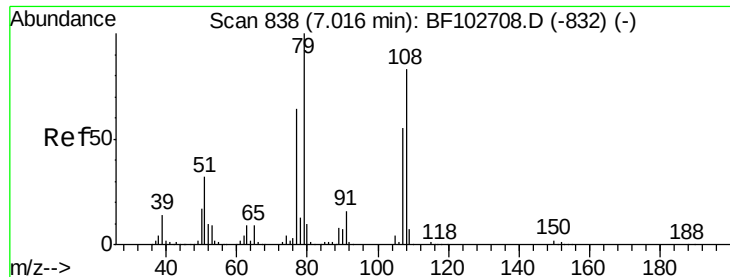


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.71 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampled :

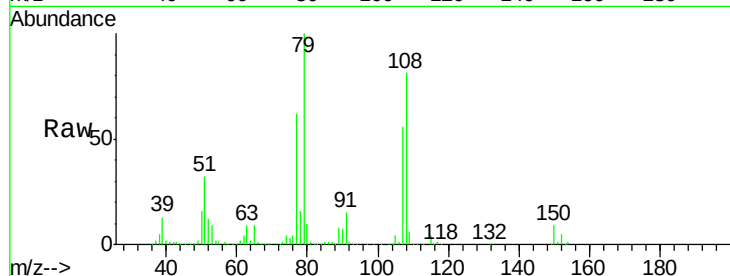
Tot Ion: 79 Resp: 562952

Ion Ratio Lower Upper

79 100

108 81.5 65.1 97.7

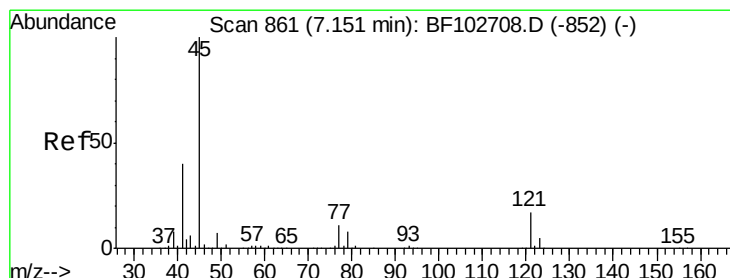
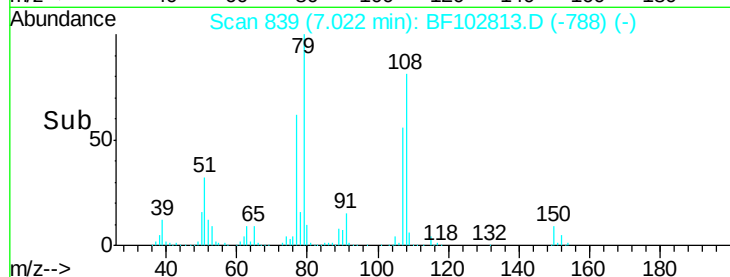
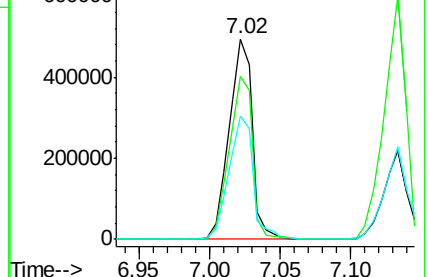
77 61.6 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.44 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

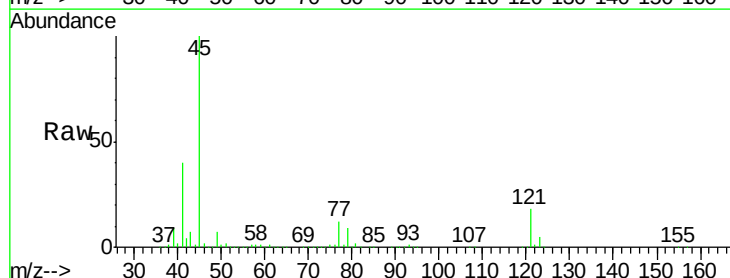
Tgt Ion: 45 Resp: 1131503

Ion Ratio Lower Upper

45 100

77 11.8 0.0 32.9

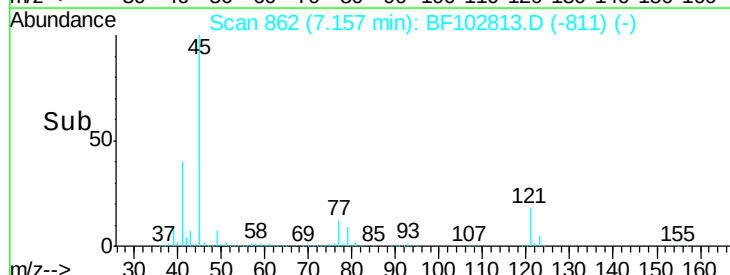
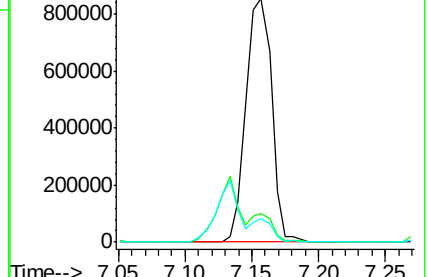
79 9.4 0.0 29.6

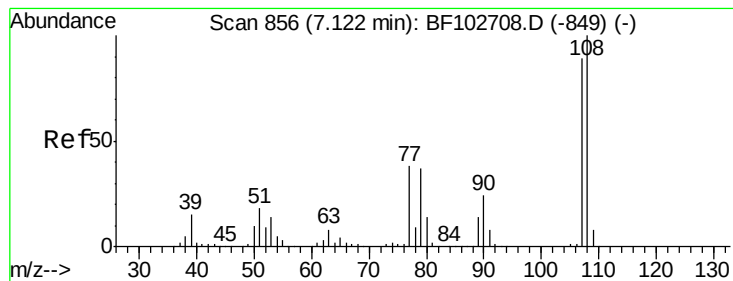


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

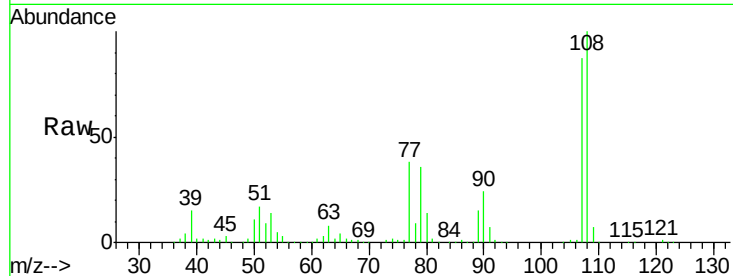




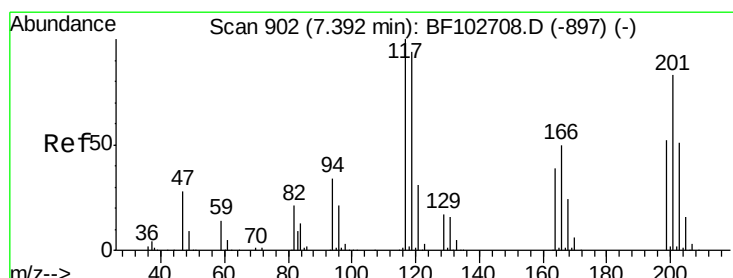
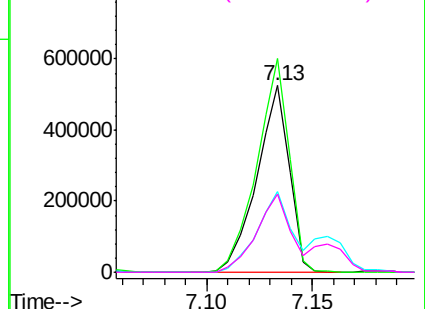
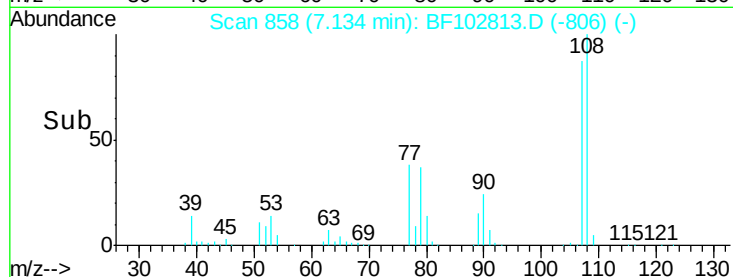
#17
2-Methylphenol
Concen: 47.17 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 559241
Ion Ratio Lower Upper
107 100
108 114.6 91.7 137.5
77 43.5 33.8 50.8
79 41.8 33.8 50.8

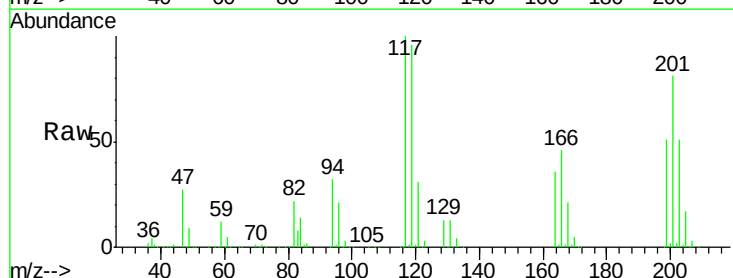


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

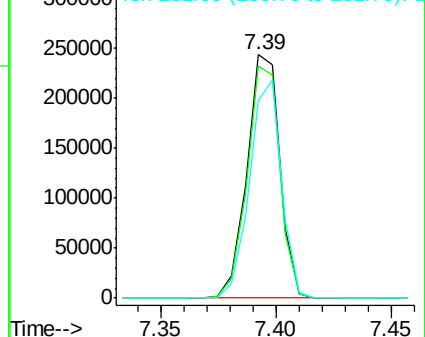
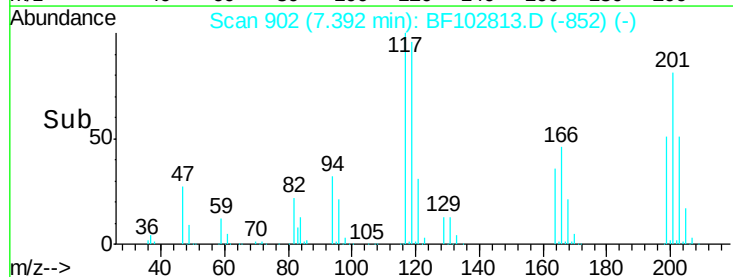


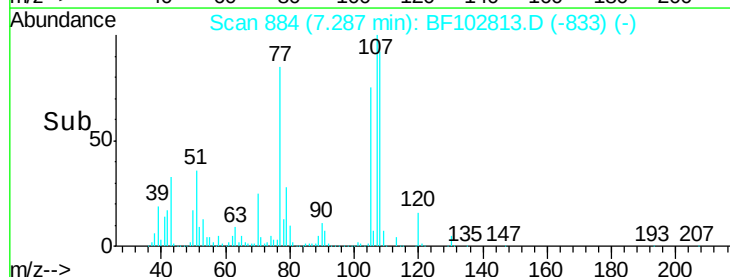
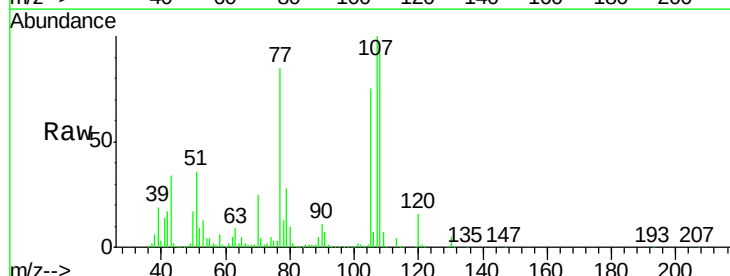
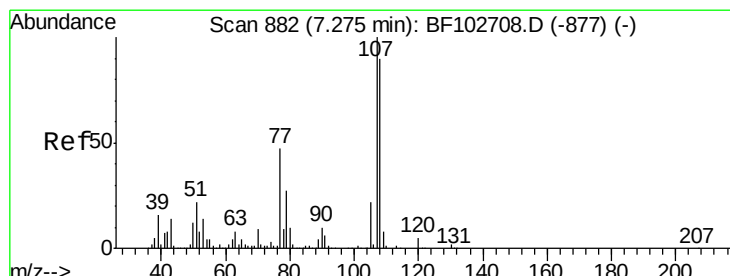
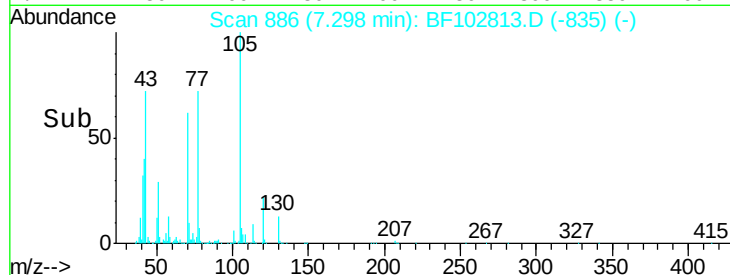
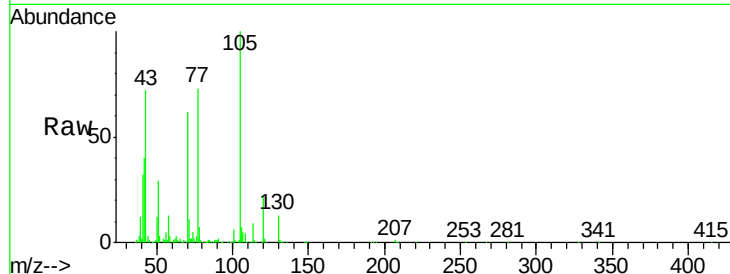
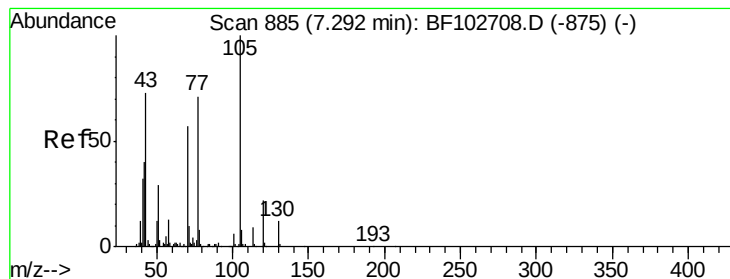
#18
Hexachloroethane
Concen: 47.66 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion:117 Resp: 242307
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.8
201 81.2 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: 44.55 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 441522

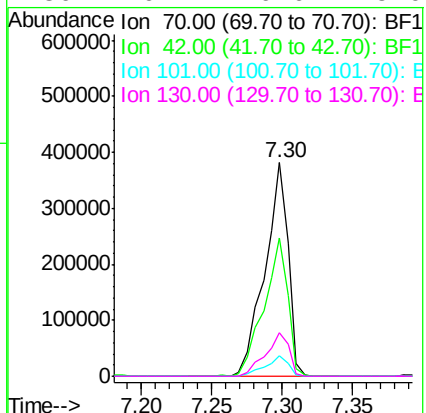
Ion Ratio Lower Upper

70 100

42 65.0 47.5 71.3

101 9.9 7.4 11.2

130 20.4 16.6 25.0



#20

3+4-Methylphenols

Concen: 43.49 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Tgt Ion:107 Resp: 635840

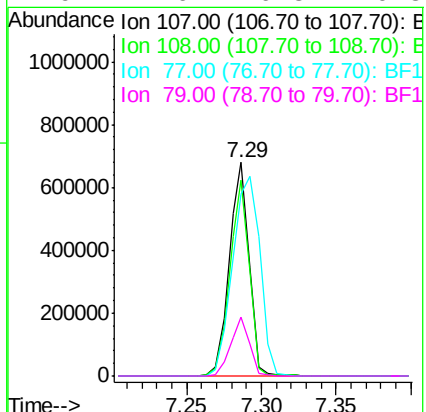
Ion Ratio Lower Upper

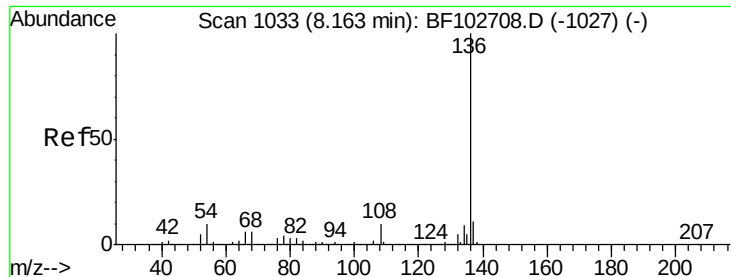
107 100

108 91.8 68.2 108.2

77 85.3 26.7 66.7#

79 27.6 6.3 46.3

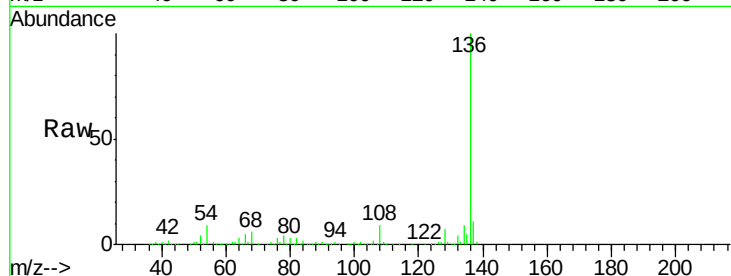




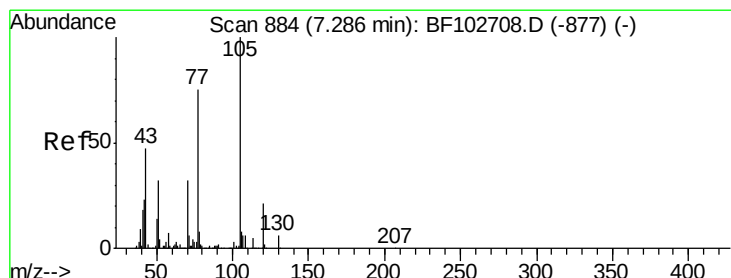
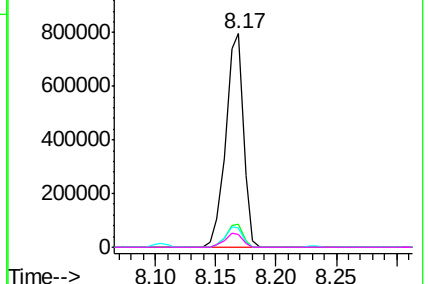
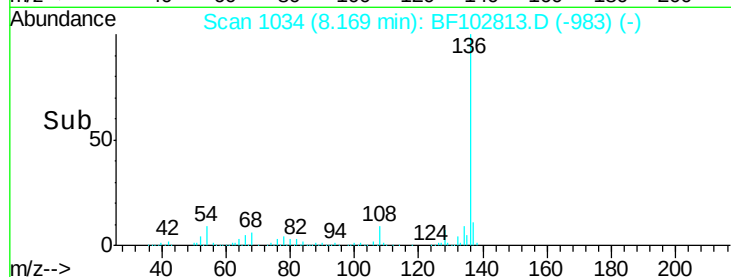
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	807824
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	8.9	6.6 9.8
68	6.2	5.0 7.4

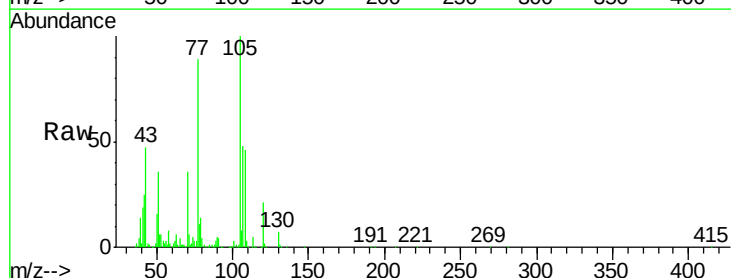


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

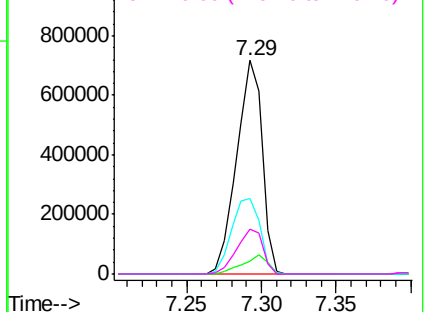
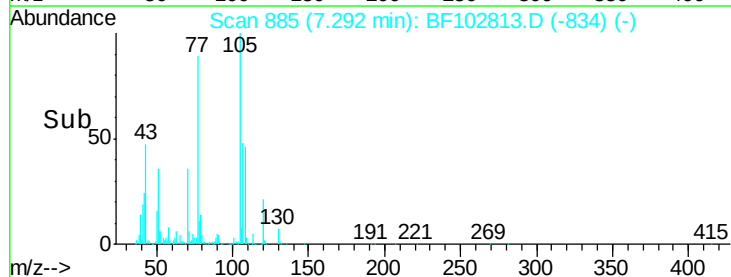


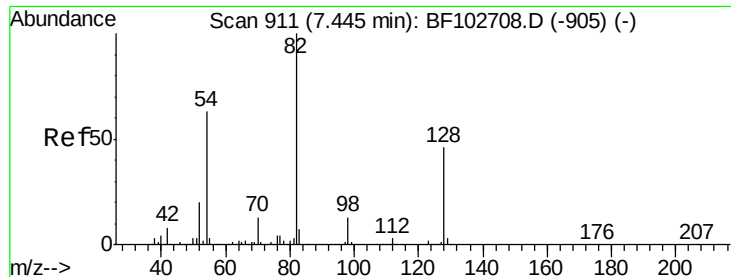
#22
Acetophenone
Concen: 43.46 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion:105	Resp:	859071
Ion	Ratio	Lower Upper
105	100	
71	6.2	4.4 6.6
51	35.6	22.3 33.5#
120	21.0	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

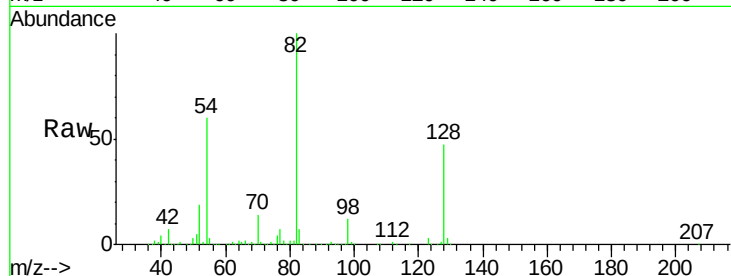




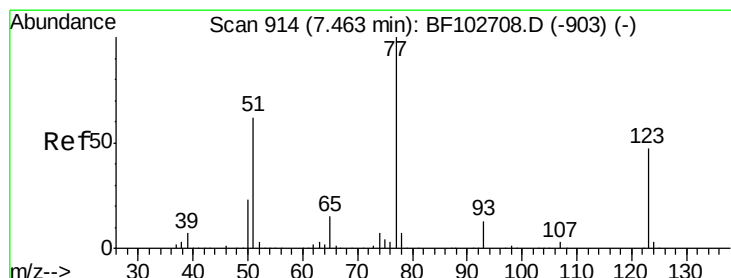
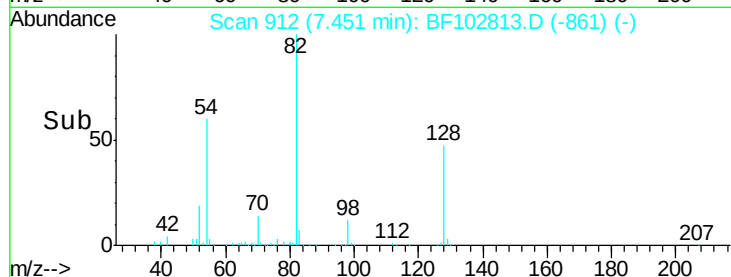
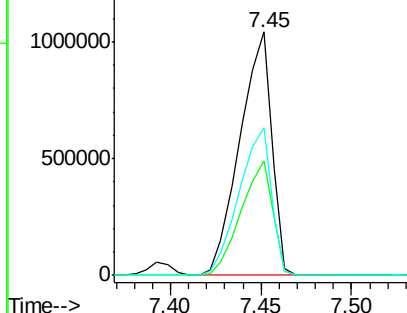
#23
 Nitrobenzene-d5
 Concen: 109.39 ng
 RT: 7.45 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1273904
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.1 54.1
 54 60.4 41.4 62.2

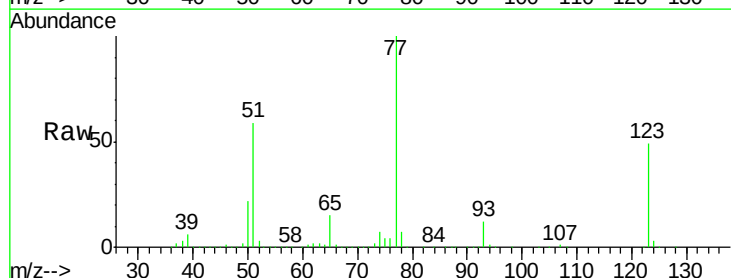


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

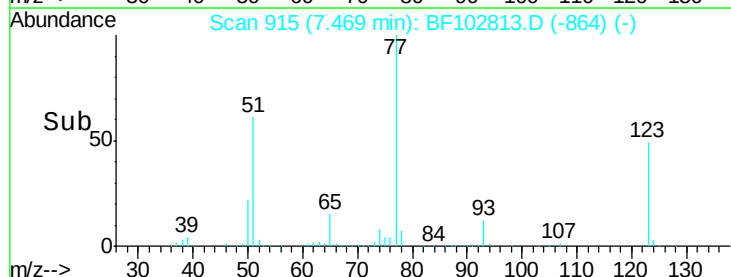
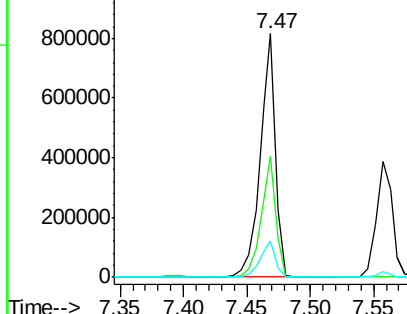


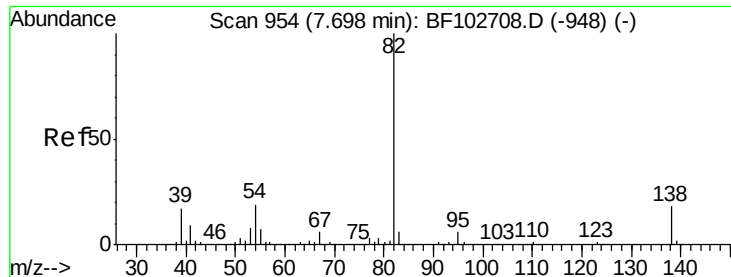
#24
 Nitrobenzene
 Concen: 50.20 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Tgt Ion: 77 Resp: 687488
 Ion Ratio Lower Upper
 77 100
 123 49.4 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: 48.50 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampleId :

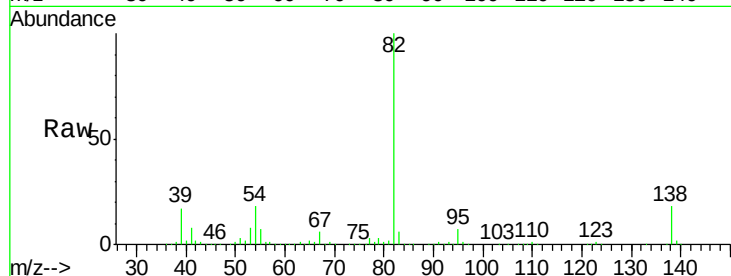
Tot Ion: 82 Resp: 1300392

Ion Ratio Lower Upper

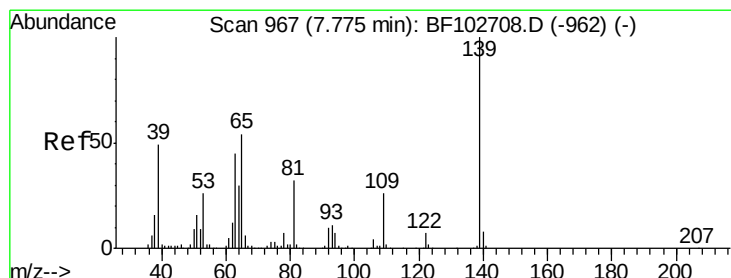
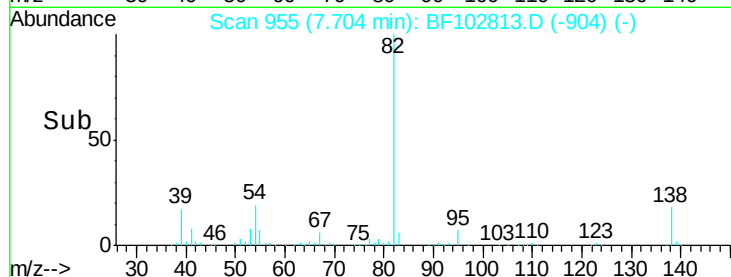
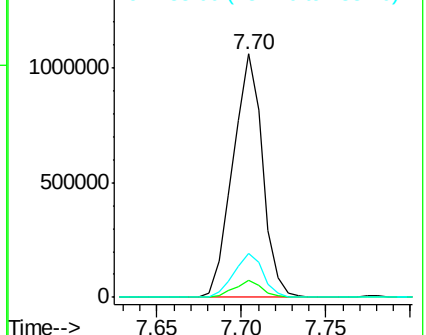
82 100

95 6.8 5.2 7.8

138 18.2 14.9 22.3



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



#26

2-Nitrophenol

Concen: 62.25 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

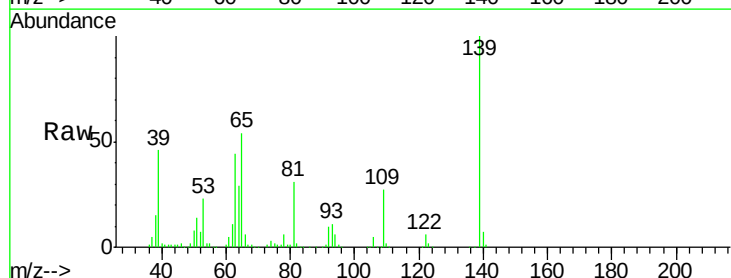
Tgt Ion: 139 Resp: 367964

Ion Ratio Lower Upper

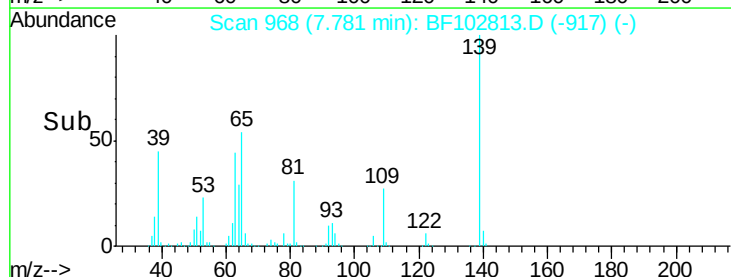
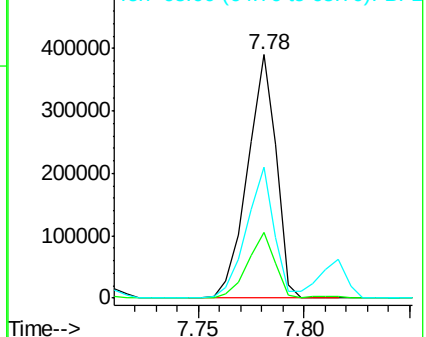
139 100

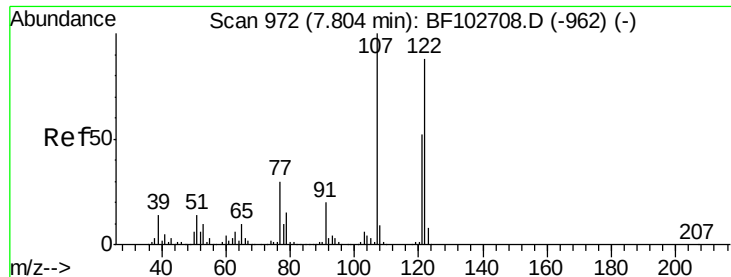
109 26.8 22.7 34.1

65 53.8 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 52.07 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampled :

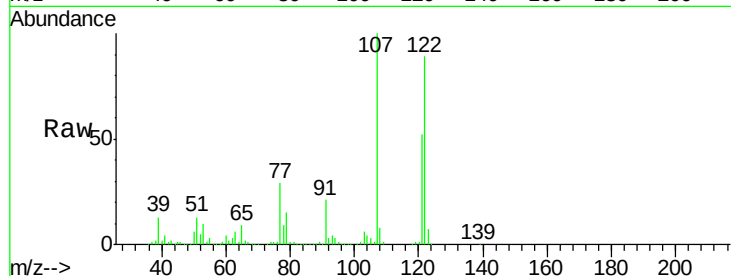
Tot Ion:122 Resp: 589936

Ion Ratio Lower Upper

122 100

107 111.8 91.2 136.8

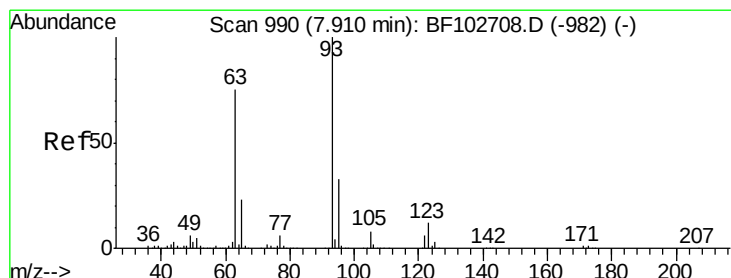
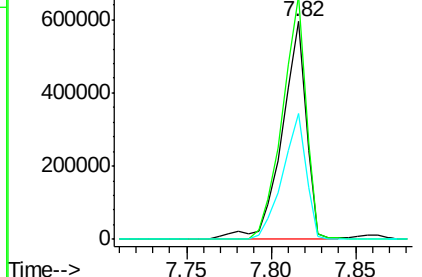
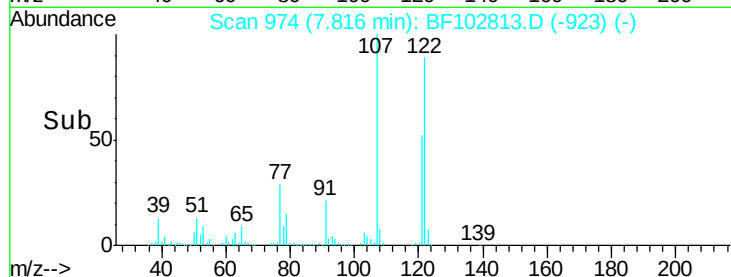
121 57.8 47.2 70.8



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: 50.71 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

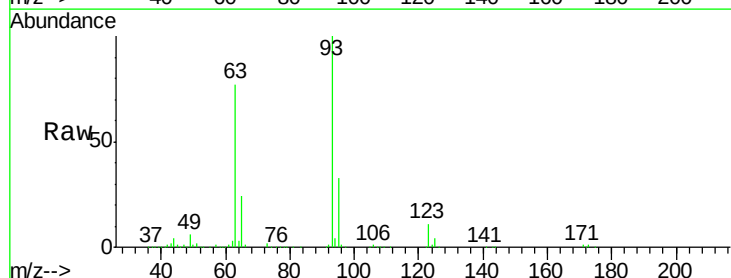
Tgt Ion: 93 Resp: 805538

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

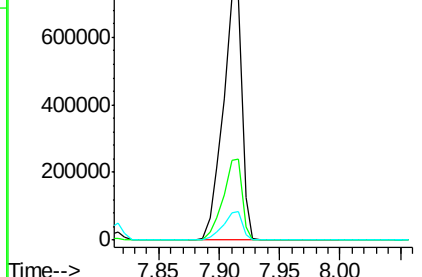
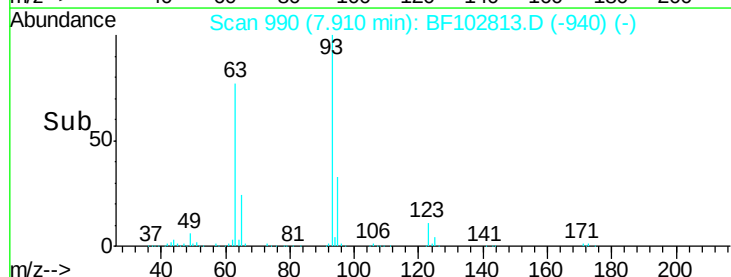
123 11.1 9.8 14.6

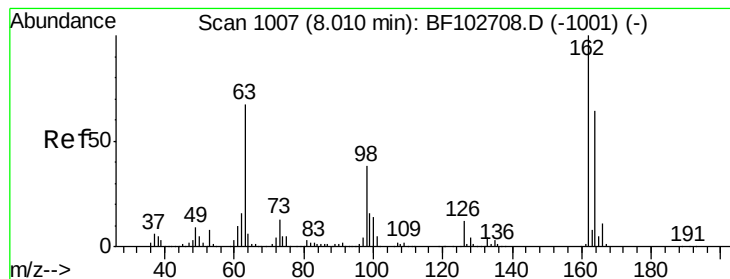


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 52.05 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampleId :

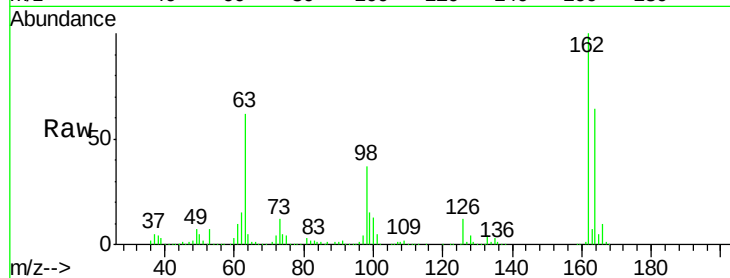
Tot Ion:162 Resp: 536072

Ion Ratio Lower Upper

162 100

164 63.8 42.7 82.7

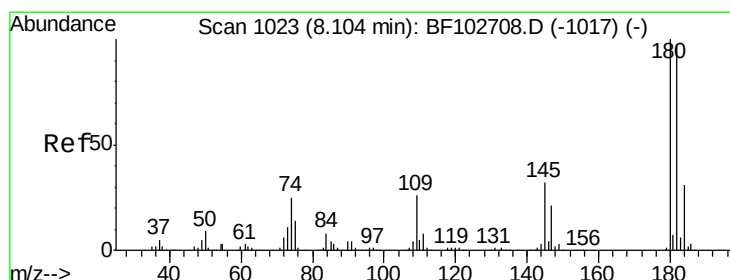
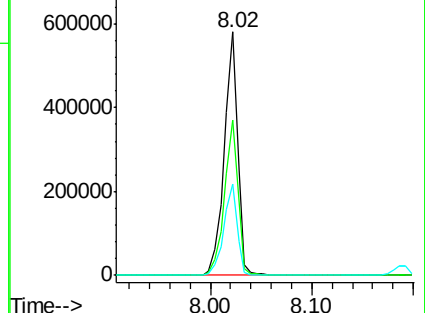
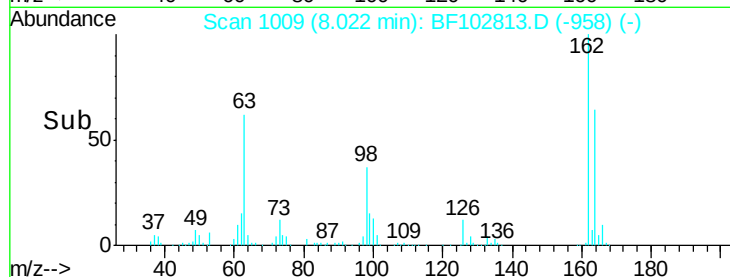
98 37.3 18.1 58.1



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: 44.43 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

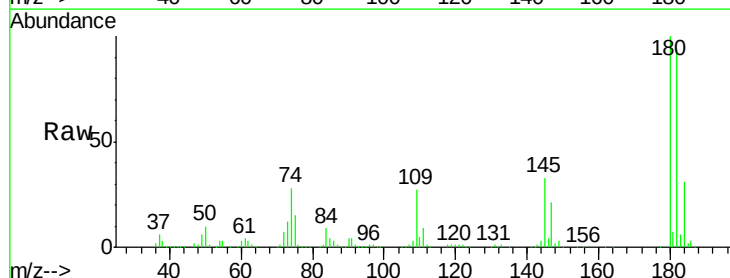
Tgt Ion:180 Resp: 517581

Ion Ratio Lower Upper

180 100

182 93.7 76.8 115.2

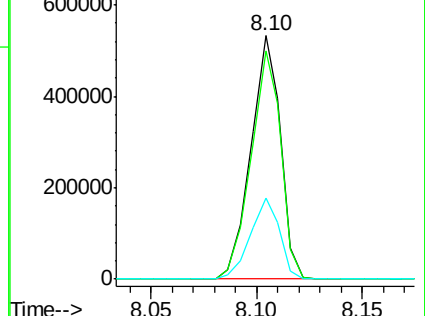
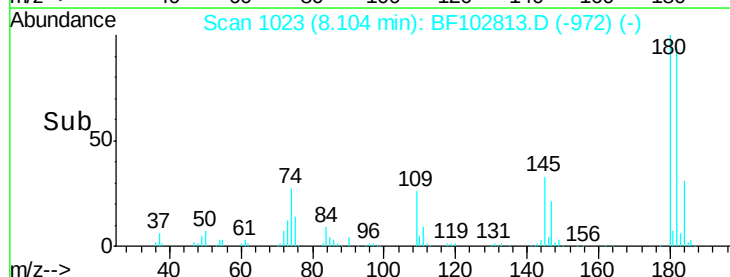
145 33.3 26.5 39.7

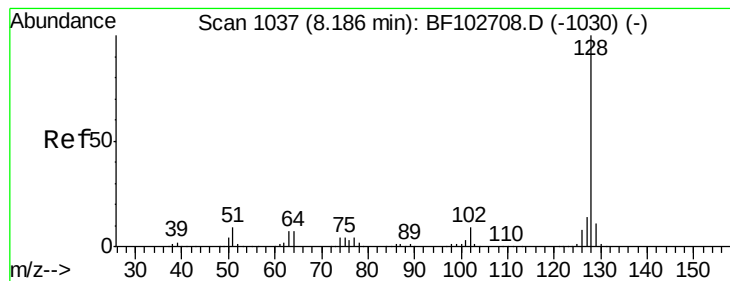


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.48 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampled :

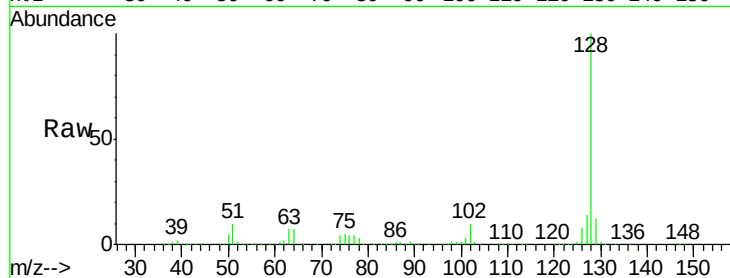
Tot Ion:128 Resp: 1755600

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

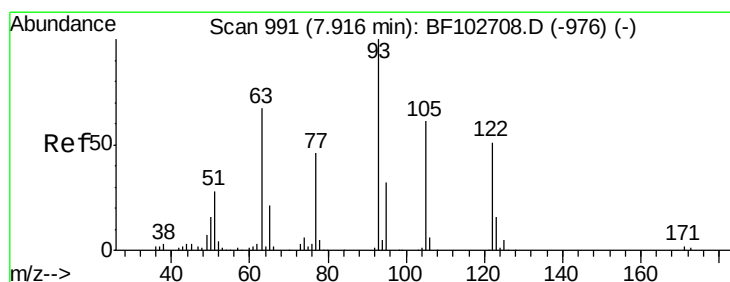
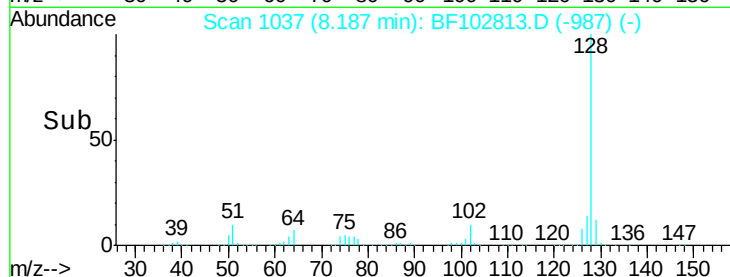
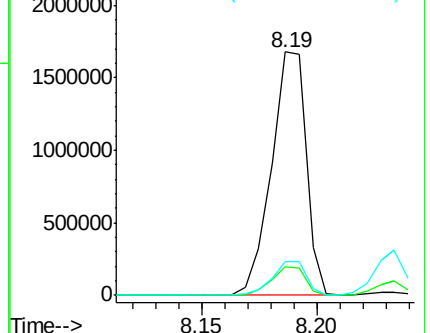
127 13.8 10.9 16.3



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: 65.34 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.12 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

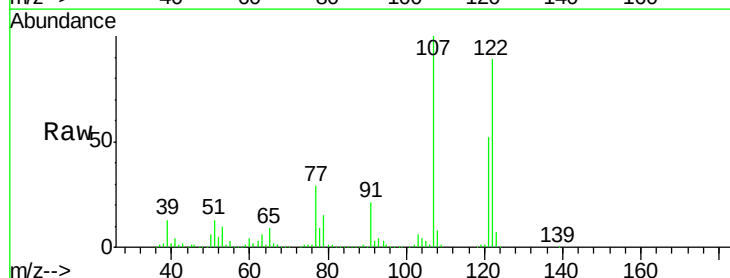
Tgt Ion:122 Resp: 589936

Ion Ratio Lower Upper

122 100

105 3.7 101.1 141.1#

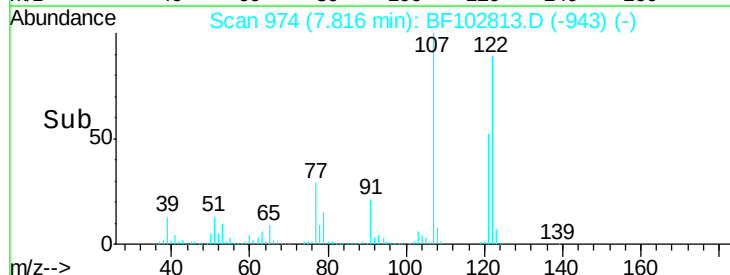
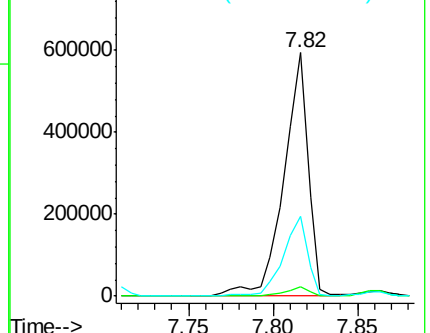
77 33.0 70.7 110.7#

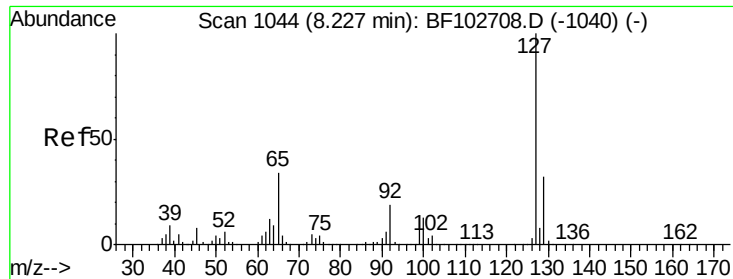


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

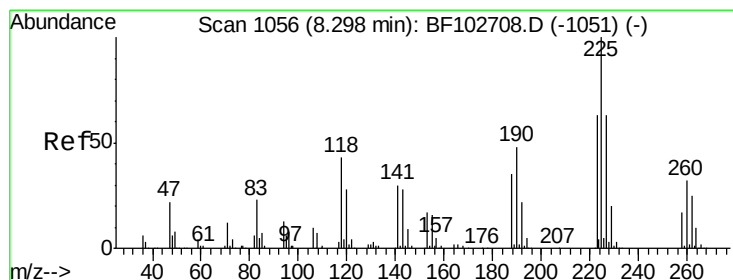
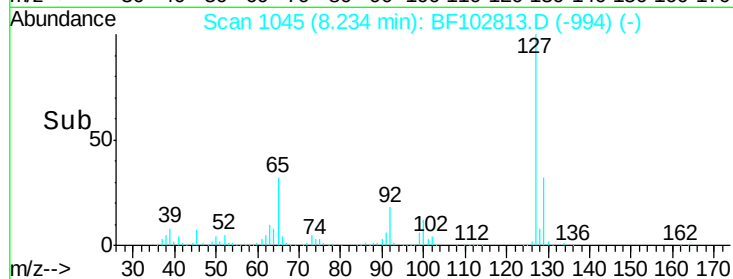
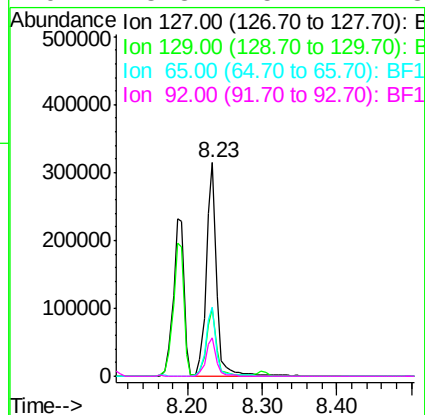
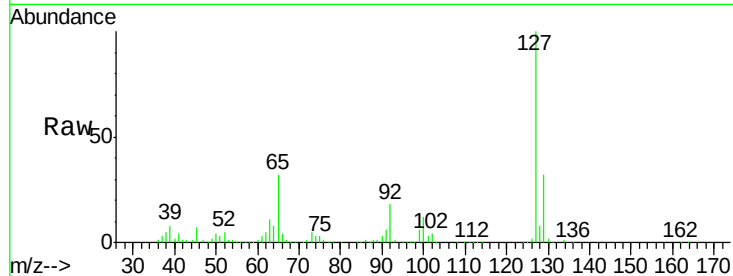




#33
4-Chloroaniline
Concen: 18.12 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

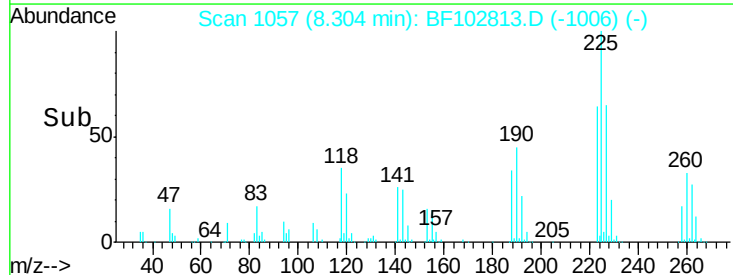
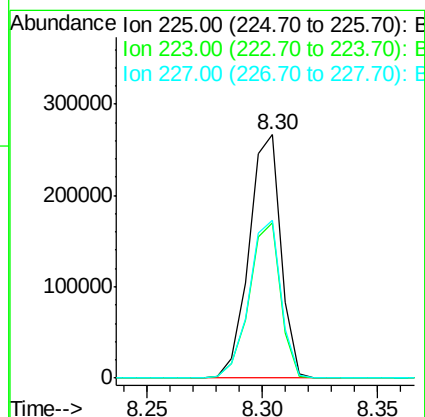
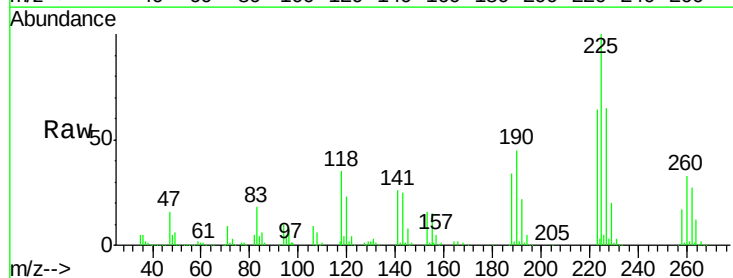
Instrument :
BNA_F
ClientSampled :

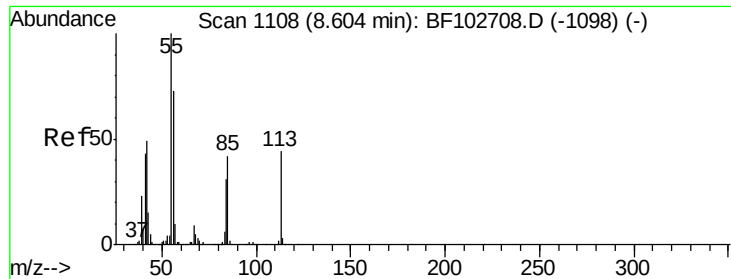
Tot Ion:	127	Resp:	308061
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	32.2	25.0	37.4
92	18.3	15.2	22.8



#34
Hexachlorobutadiene
Concen: 43.08 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion:	225	Resp:	257182
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	64.9	51.9	77.9

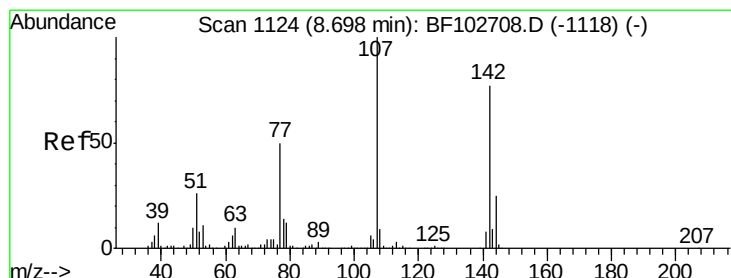
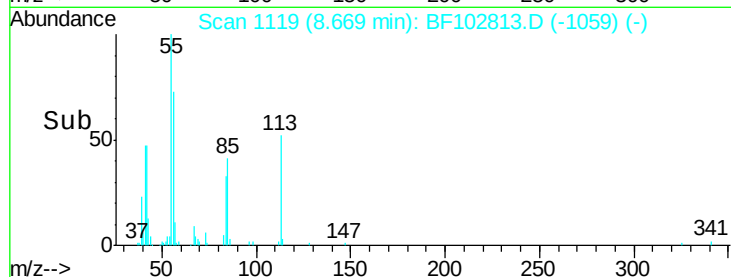
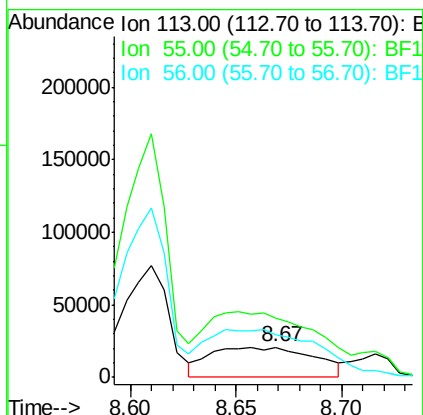
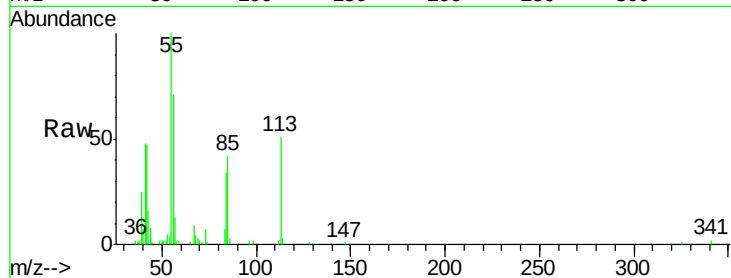




#35
 Caprolactam
 Concen: 19.63 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. 0.05 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

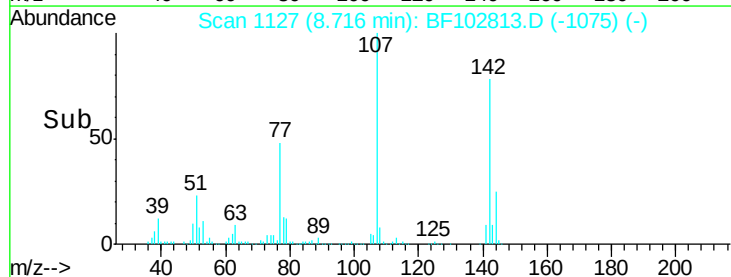
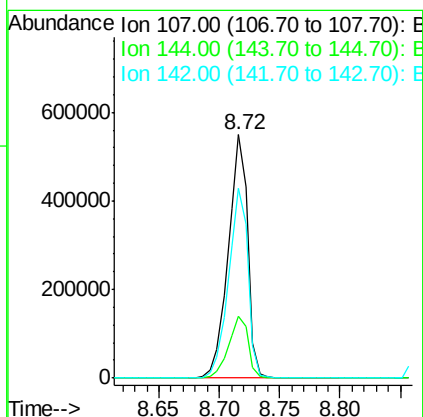
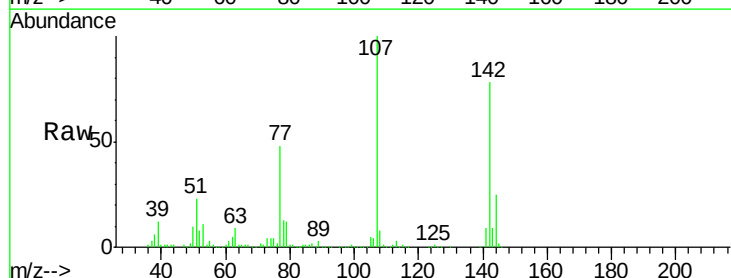
Instrument :
 BNA_F
 ClientSampled :

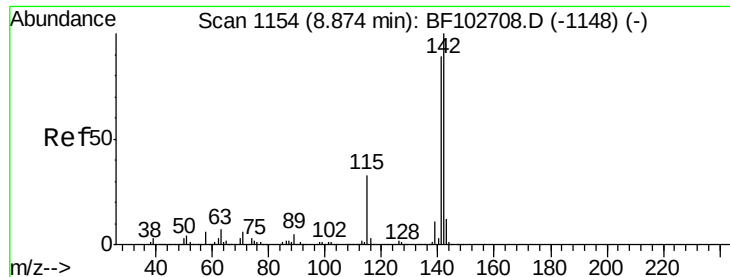
Tot Ion:113 Resp: 70194
 Ion Ratio Lower Upper
 113 100
 55 195.1 163.3 203.3
 56 139.4 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 52.88 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Tgt Ion:107 Resp: 611931
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.5 30.7
 142 78.1 62.0 93.0

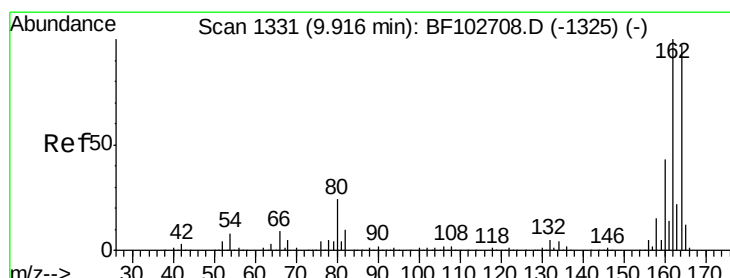
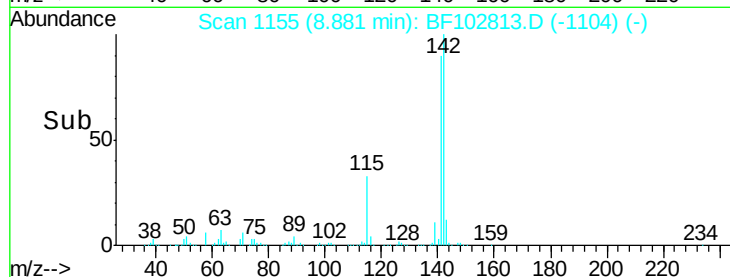
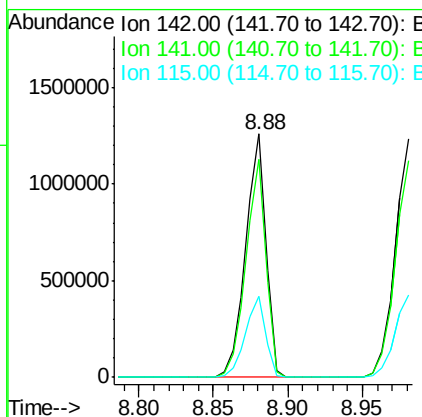
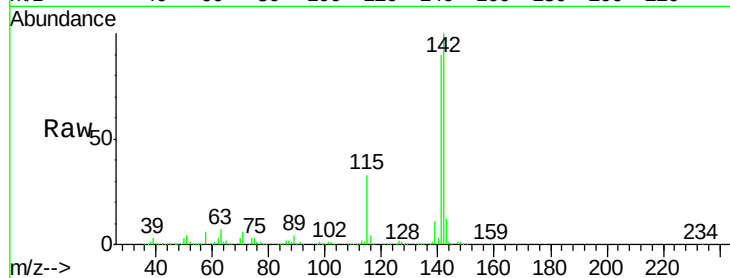




#37
2-Methylnaphthalene
Concen: 45.91 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

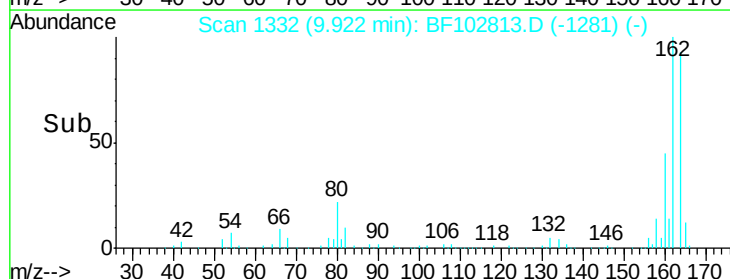
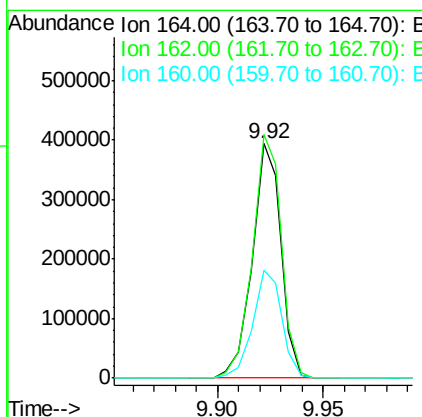
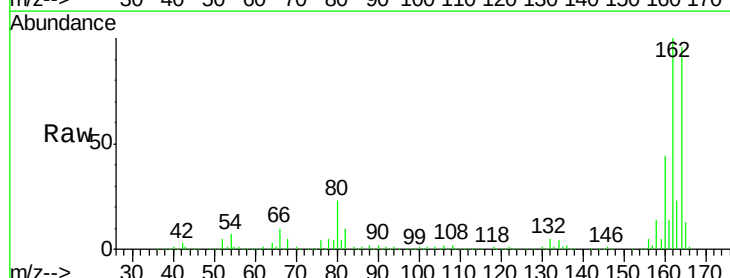
Instrument :
BNA_F
ClientSampleId :

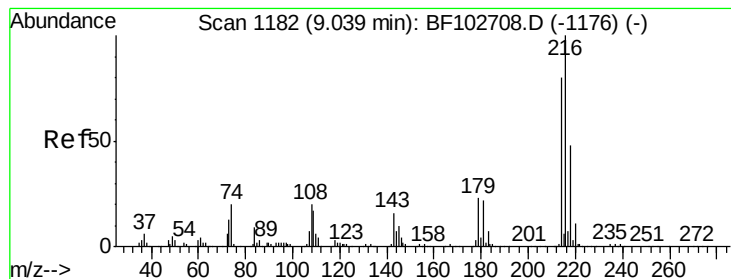
Tot Ion:142 Resp: 1186462
Ion Ratio Lower Upper
142 100
141 89.8 70.8 106.2
115 33.1 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion:164 Resp: 371578
Ion Ratio Lower Upper
164 100
162 104.0 86.1 129.1
160 46.2 38.3 57.5

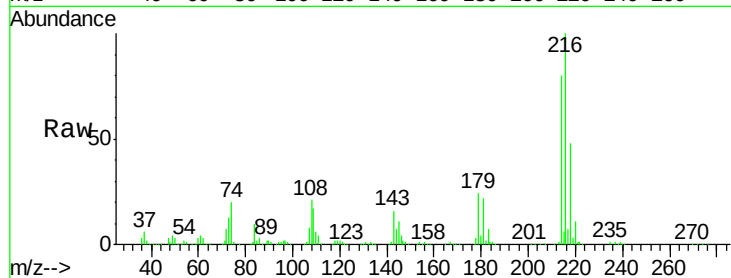




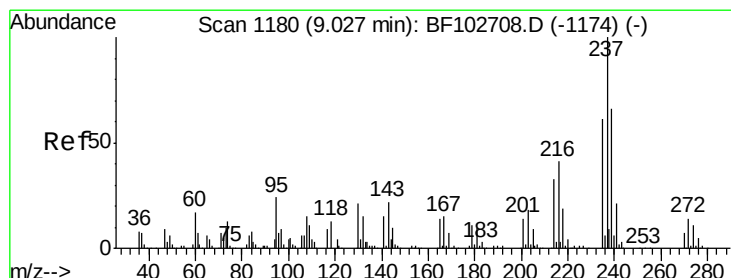
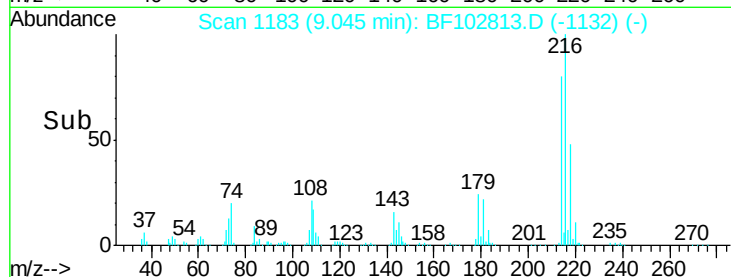
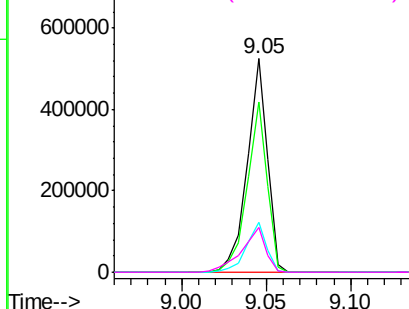
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.61 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	441195
Ion Ratio	Lower	Upper
216	100	
214	78.7	63.0 94.4
179	23.2	18.1 27.1
108	24.9	17.2 25.8

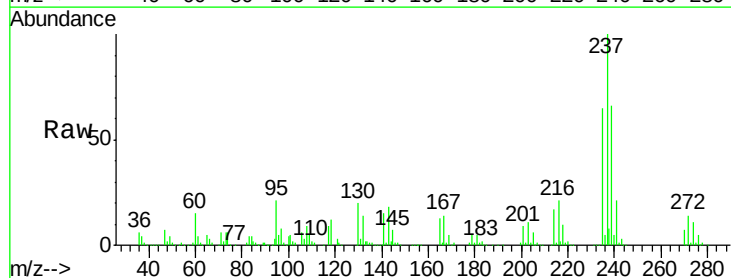


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

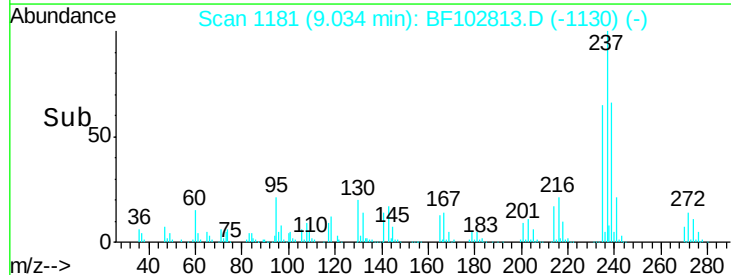
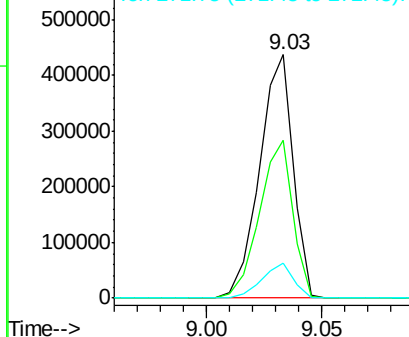


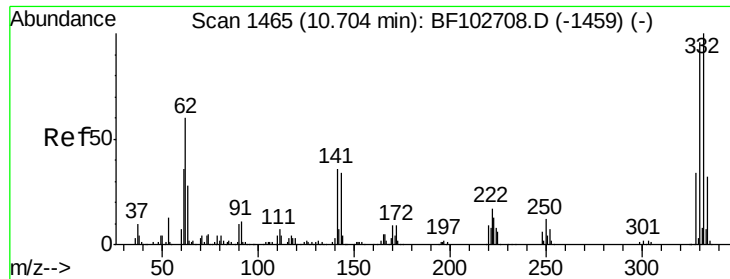
#40
 Hexachlorocyclopentadiene
 Concen: 92.10 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Tgt Ion:237	Resp:	442971
Ion Ratio	Lower	Upper
237	100	
235	64.8	44.8 84.8
272	14.3	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

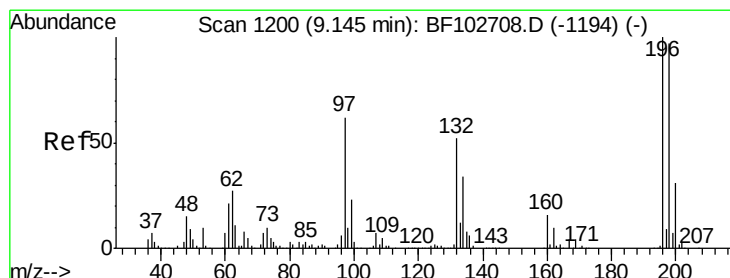
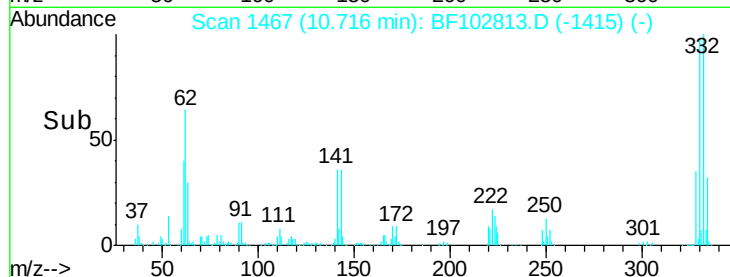
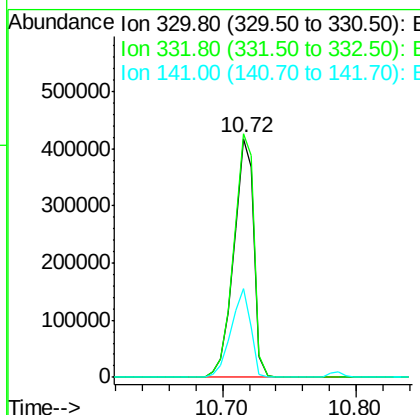
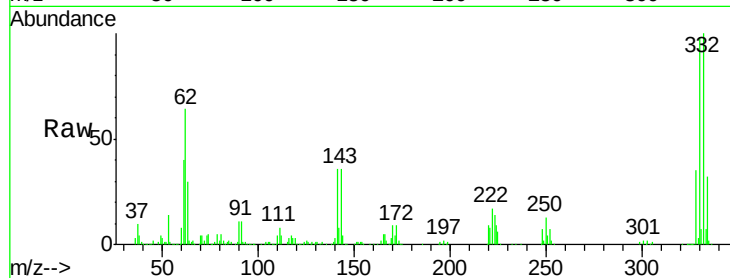




#41
 2,4,6-Tribromophenol
 Concen: 147.30 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

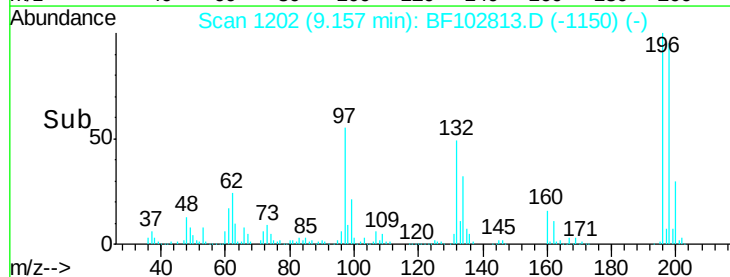
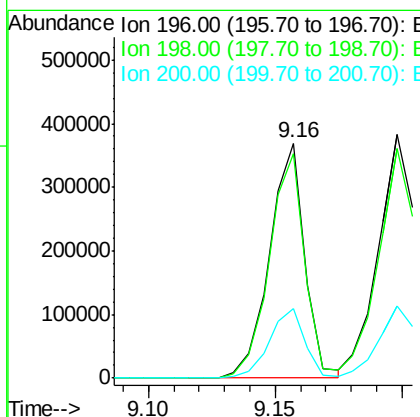
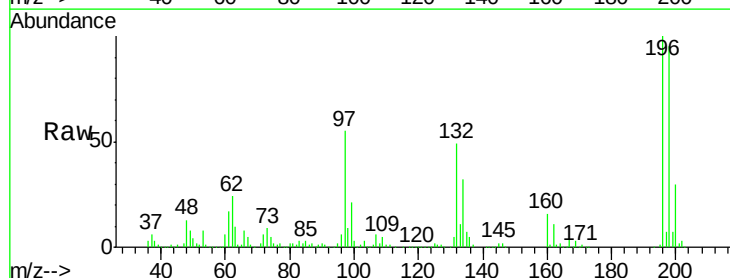
Instrument :
 BNA_F
 ClientSampleId :

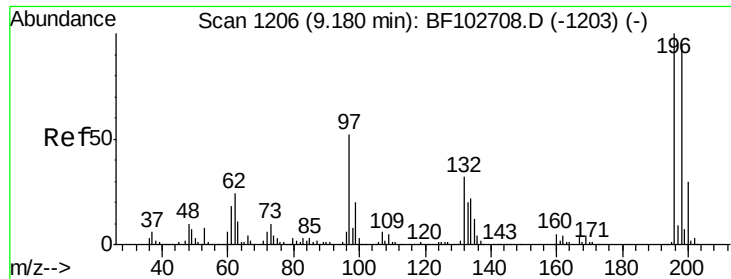
Tot Ion	Ratio	Lower	Upper
330	100		
332	103.3	77.0	115.6
141	36.9	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 53.98 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.7	113.5
200	29.8	24.5	36.7

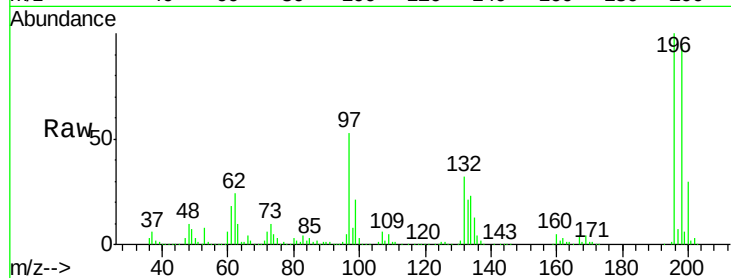




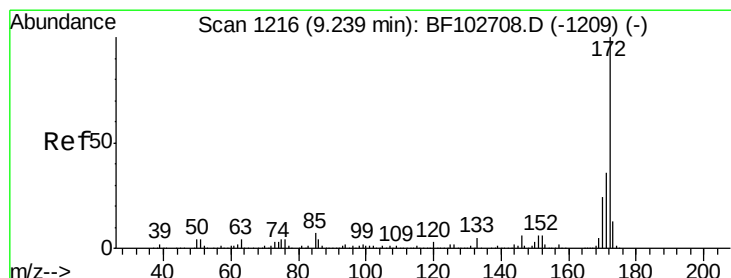
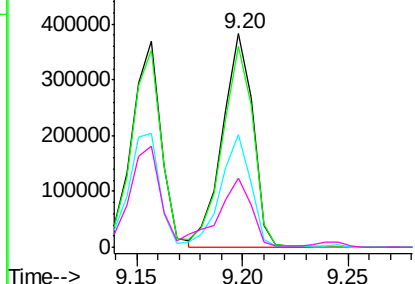
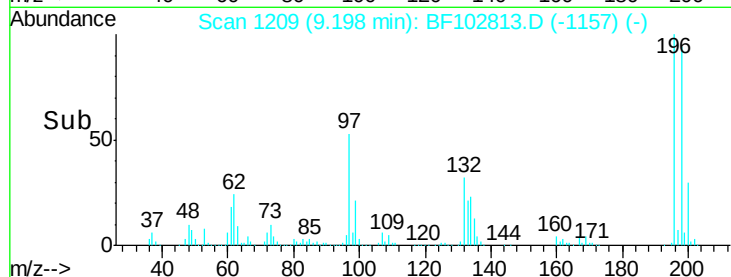
#43
 2,4,5-Trichlorophenol
 Concen: 50.96 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	381667
Ion	Ratio	Lower	Upper
196	100		
198	94.4	74.6	112.0
97	53.0	42.9	64.3
132	32.5	26.3	39.5

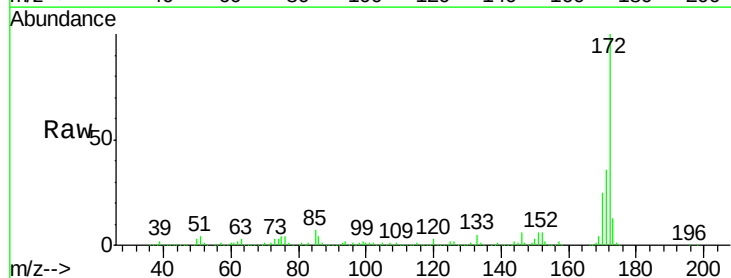


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

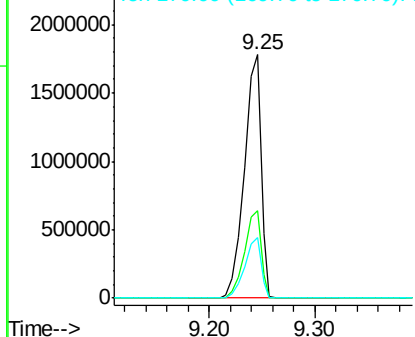
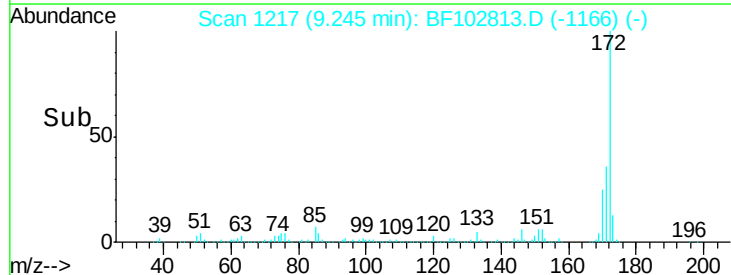


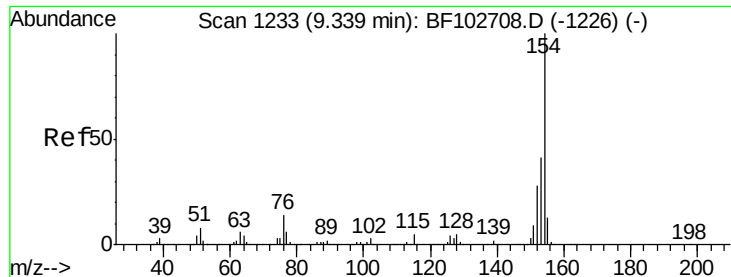
#44
 2-Fluorobiphenyl
 Concen: 86.21 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Tgt Ion	172	Resp	1930407
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.9	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

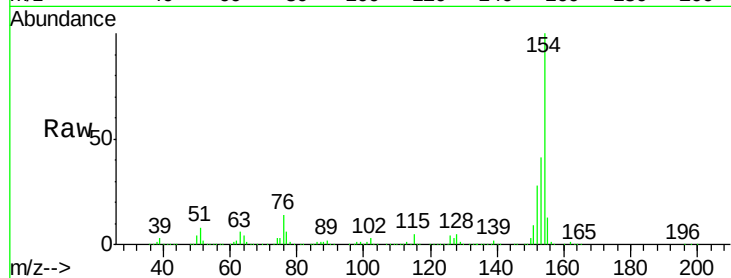




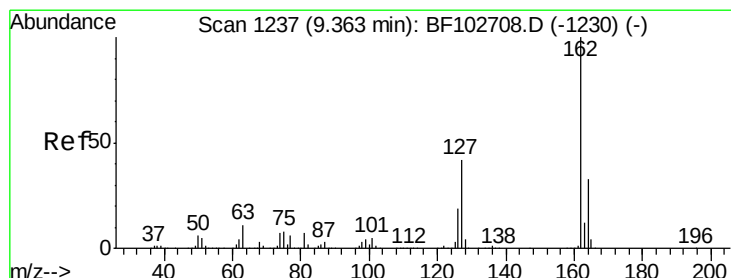
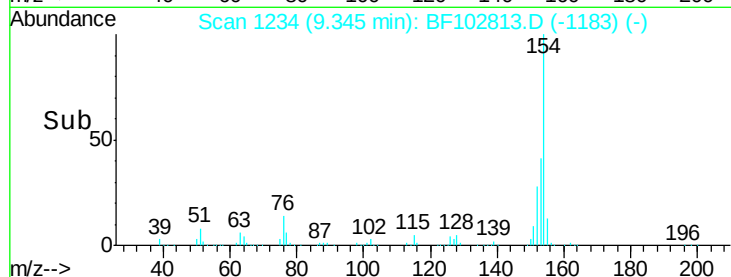
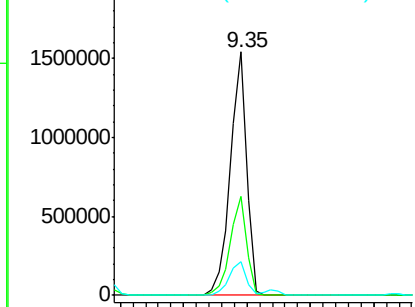
#45
 1,1'-Biphenyl
 Concen: 43.48 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1360853
 Ion Ratio Lower Upper
 154 100
 153 40.9 21.3 61.3
 76 13.7 0.0 34.0

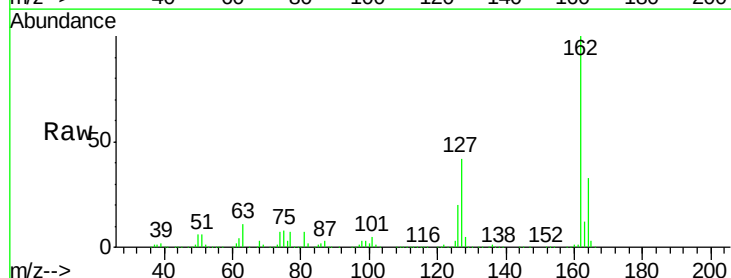


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

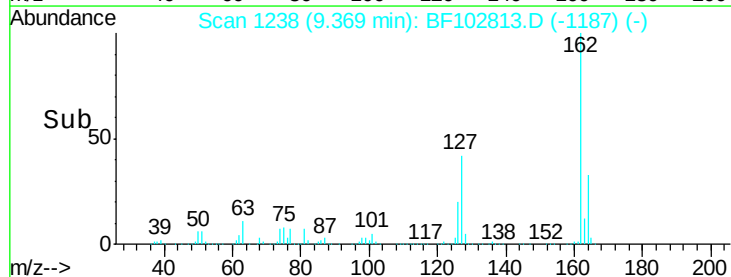
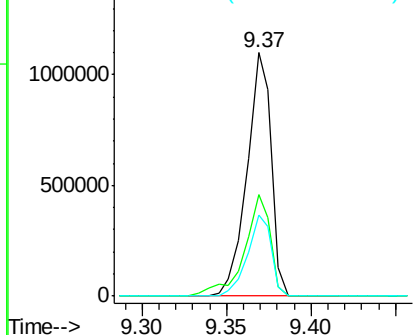


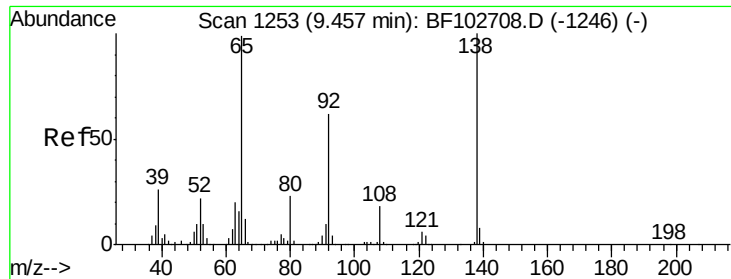
#46
 2-Chloronaphthalene
 Concen: 44.83 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Tgt Ion:162 Resp: 1104573
 Ion Ratio Lower Upper
 162 100
 127 41.9 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

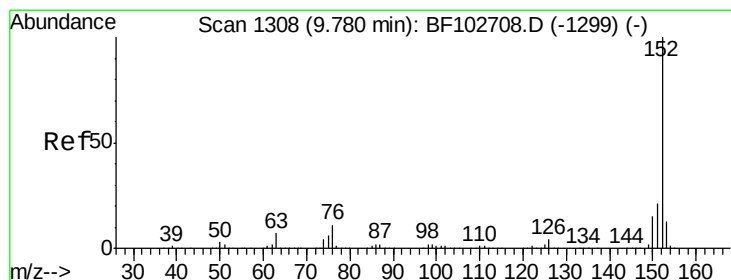
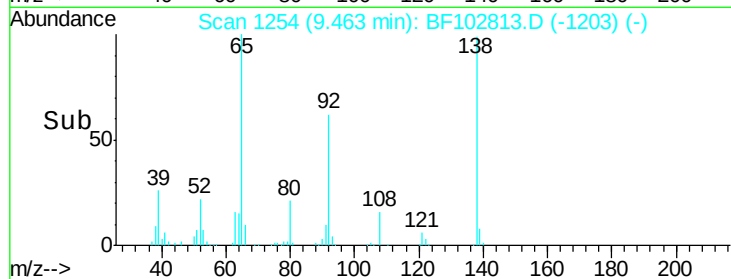
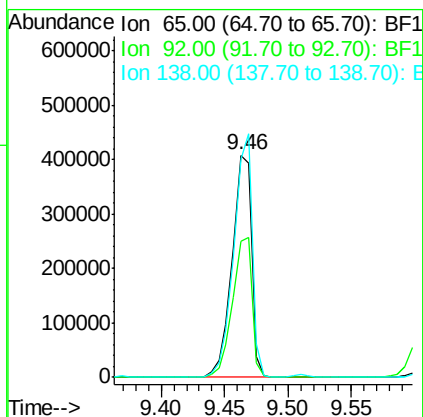
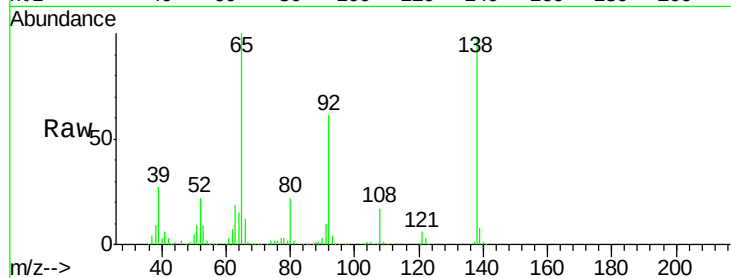




#47
2-Nitroaniline
Concen: 56.16 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

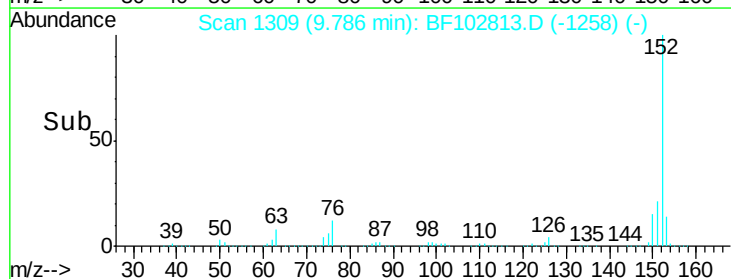
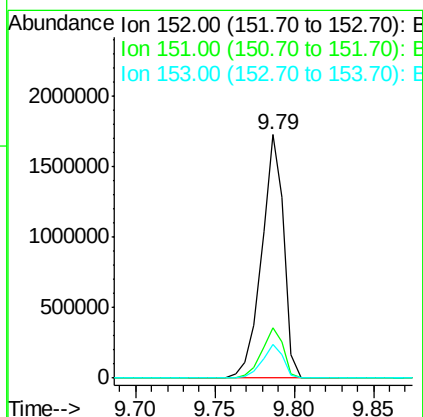
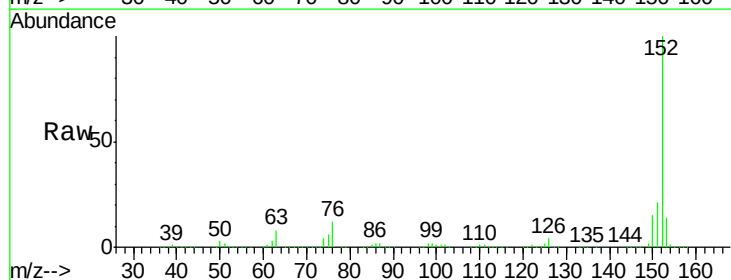
Instrument :
BNA_F
ClientSampled :

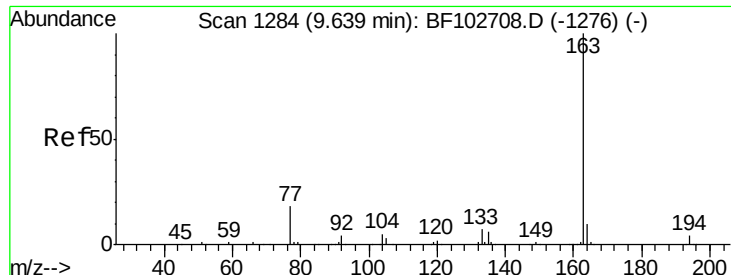
Tot Ion: 65 Resp: 431805
Ion Ratio Lower Upper
65 100
92 61.5 55.8 83.6
138 98.1 91.2 136.8



#48
Acenaphthylene
Concen: 43.68 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion: 152 Resp: 1671728
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.7 10.7 16.1

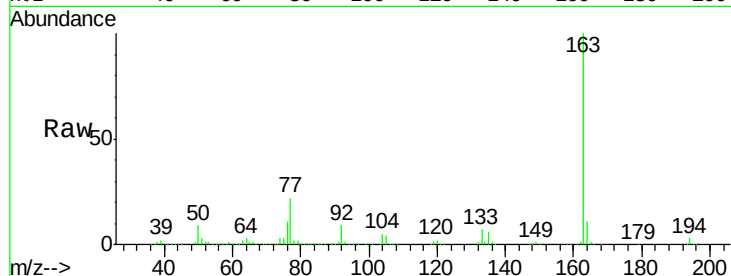




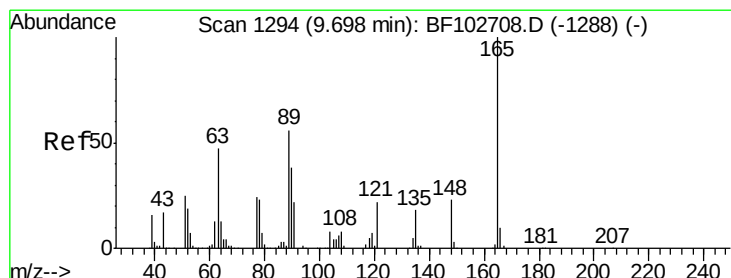
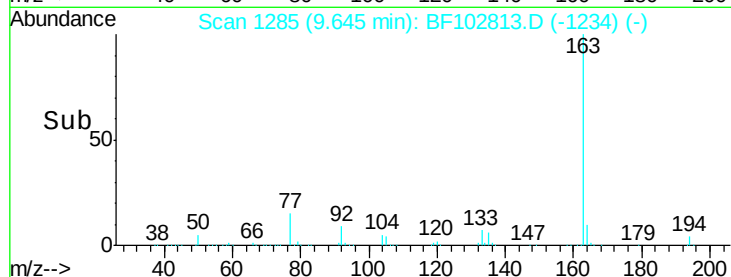
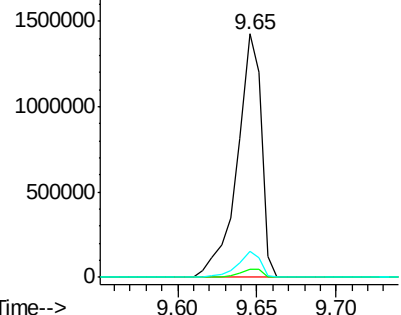
#49
Dimethylphthalate
Concen: 52.05 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1507892
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.8 8.2 12.2

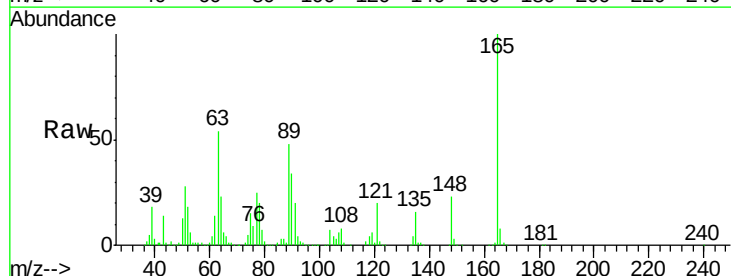


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

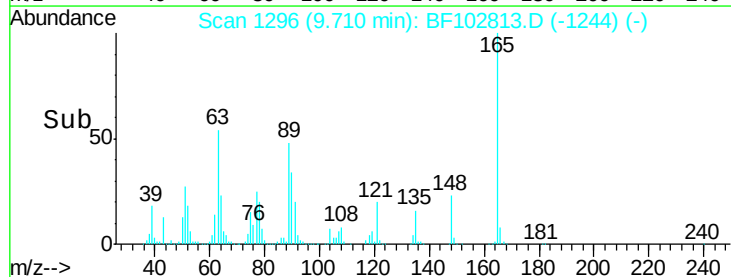
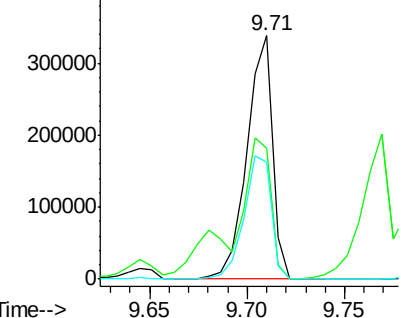


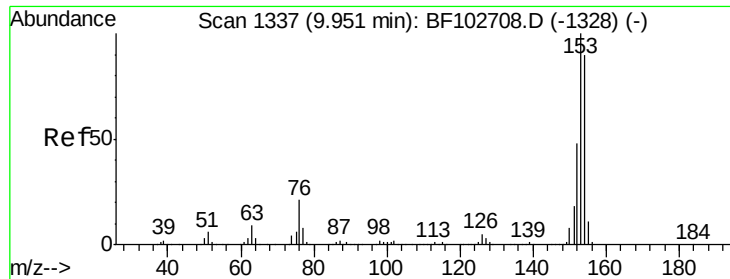
#50
2,6-Dinitrotoluene
Concen: 55.71 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion:165 Resp: 307093
Ion Ratio Lower Upper
165 100
63 53.9 44.7 67.1
89 48.1 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: 46.41 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampled :

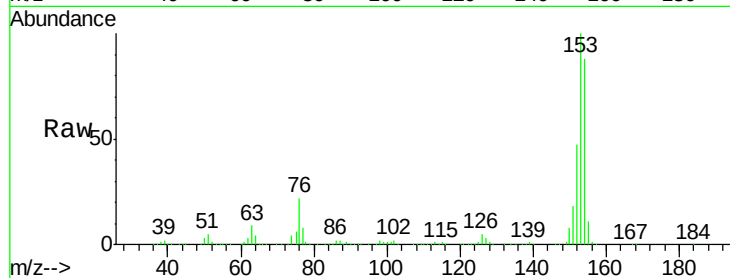
Tot Ion:154 Resp: 1062034

Ion Ratio Lower Upper

154 100

153 114.0 91.2 136.8

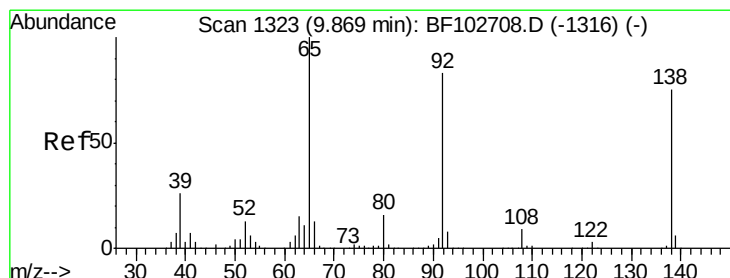
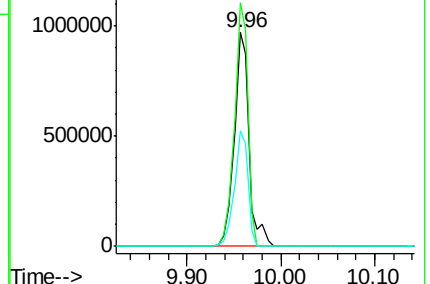
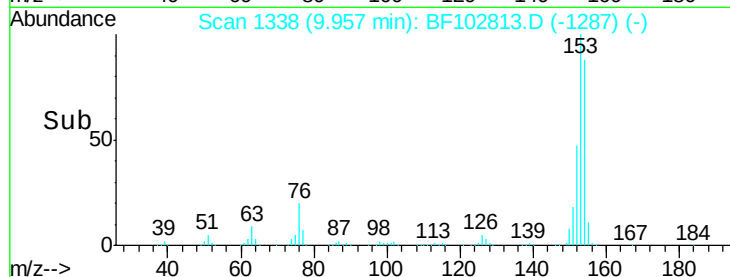
152 53.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.60 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

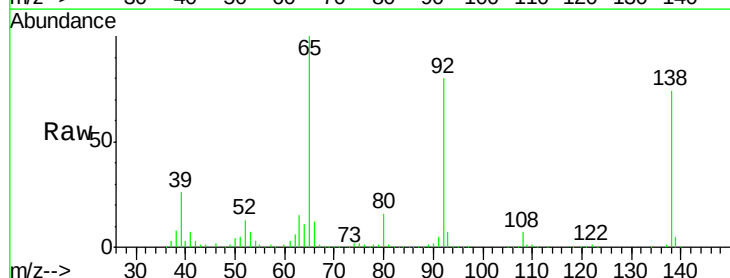
Tgt Ion:138 Resp: 254992

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.0

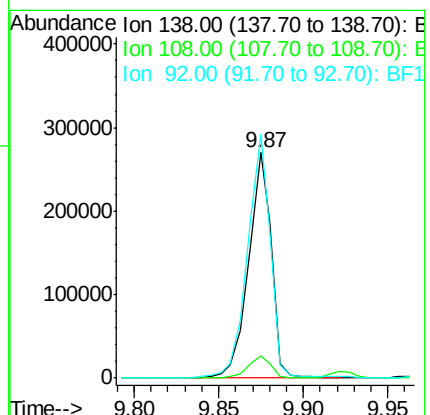
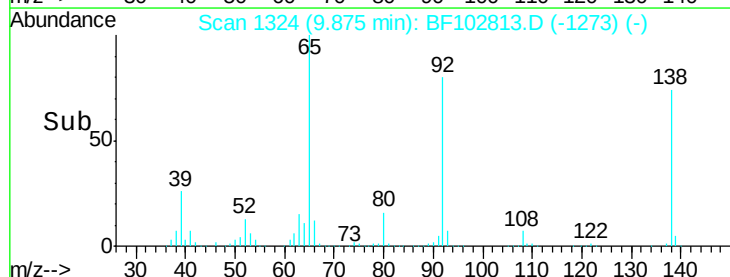
92 108.1 89.4 134.2

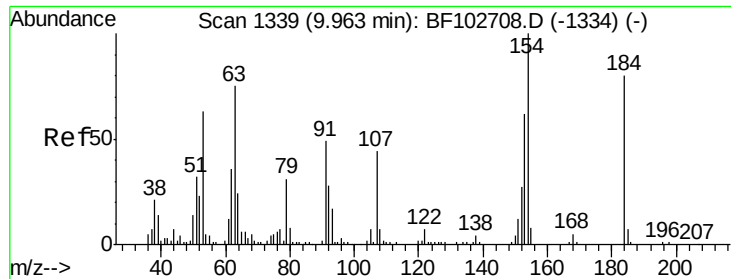


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

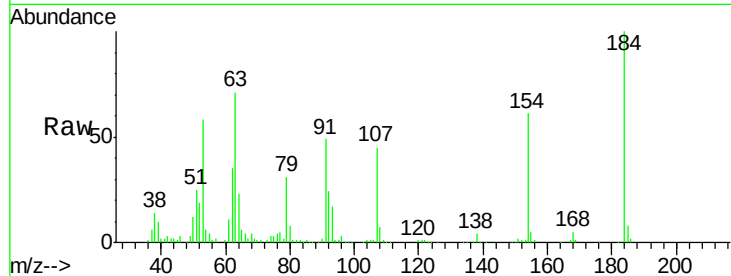




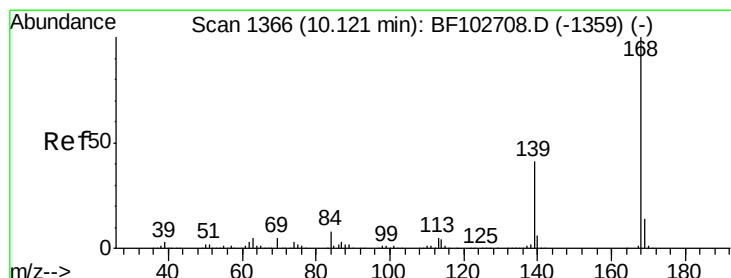
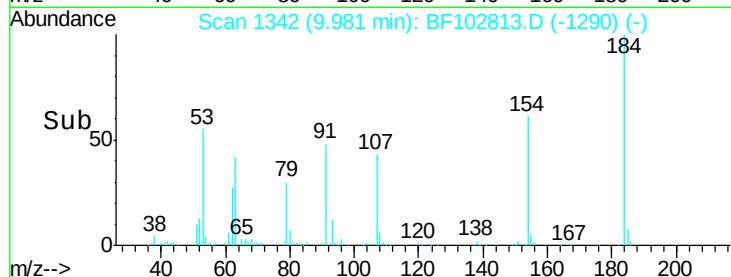
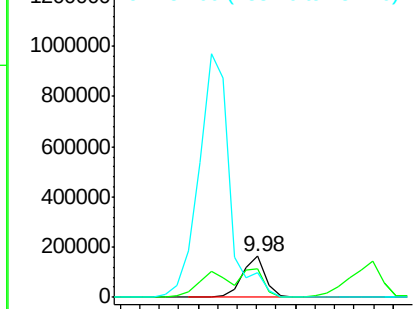
#53
2,4-Dinitrophenol
Concen: 75.52 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 134415
Ion Ratio Lower Upper
184 100
63 71.2 54.2 81.2
154 60.9 184.0 276.0#

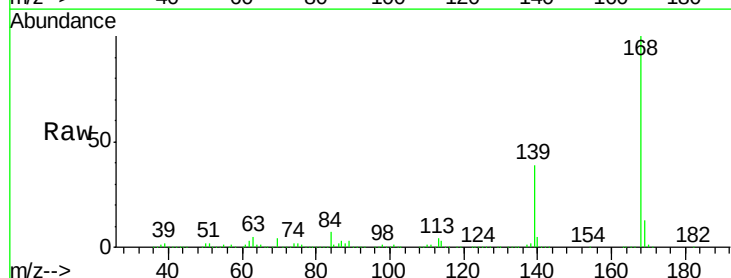


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

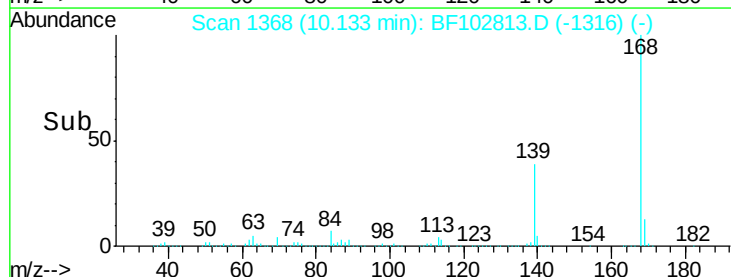
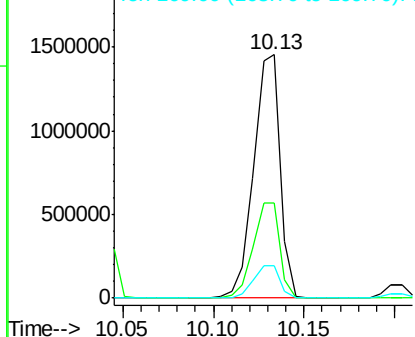


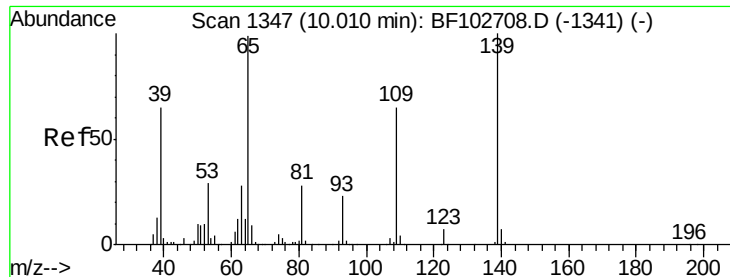
#54
Dibenzofuran
Concen: 45.77 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion:168 Resp: 1476281
Ion Ratio Lower Upper
168 100
139 38.9 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

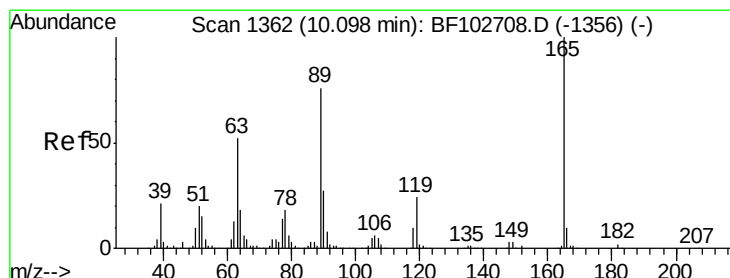
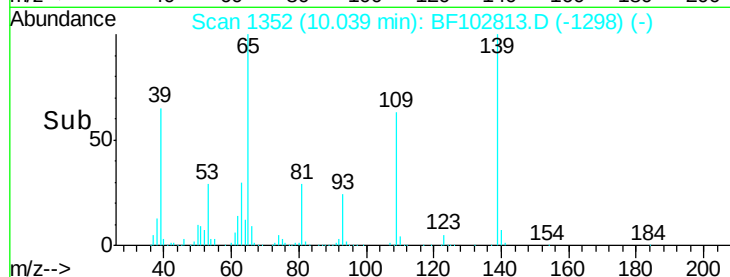
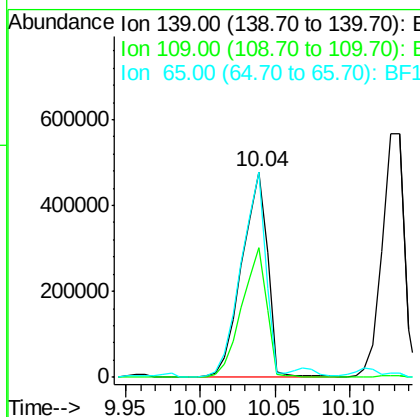
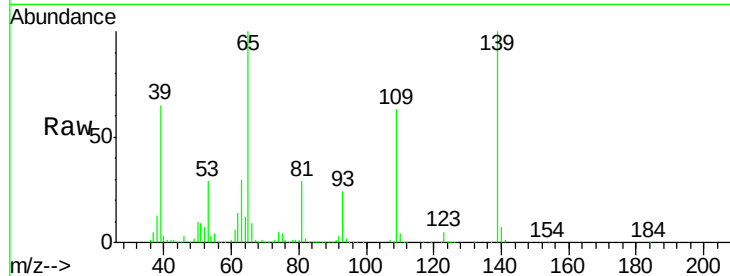




#55
4-Nitrophenol
Concen: 102.11 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

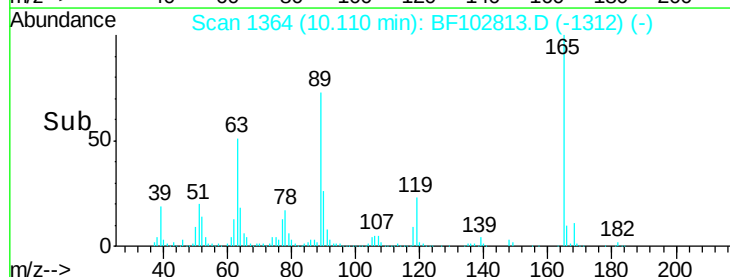
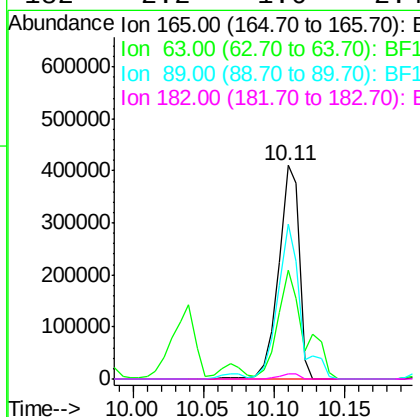
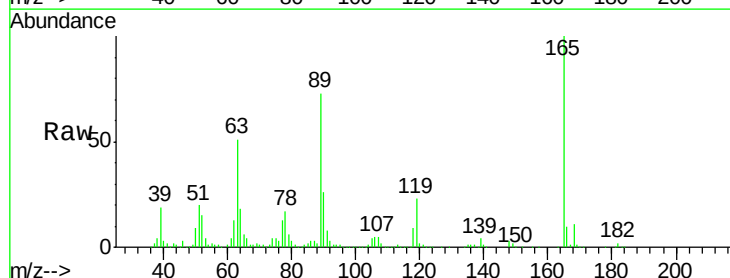
Instrument :
BNA_F
ClientSampleId :

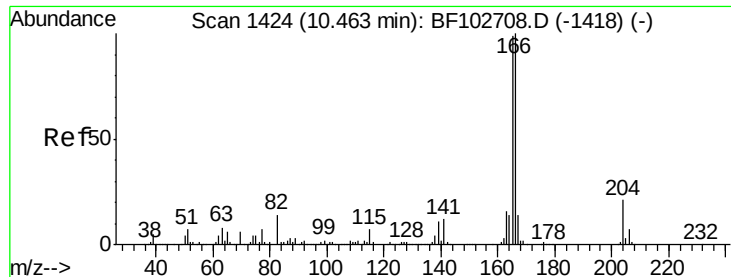
Tot Ion:139 Resp: 575626
Ion Ratio Lower Upper
139 100
109 63.4 48.4 88.4
65 99.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 56.07 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion:165 Resp: 418617
Ion Ratio Lower Upper
165 100
63 51.2 36.4 54.6
89 72.7 57.8 86.6
182 2.2 1.6 2.4

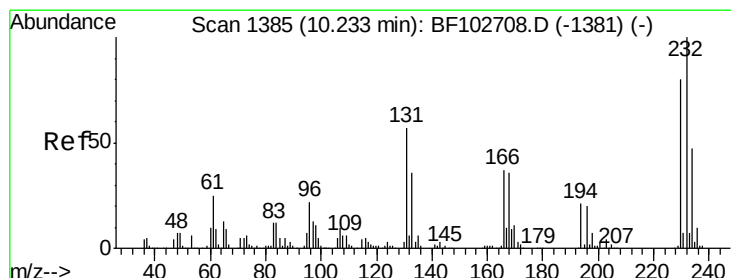
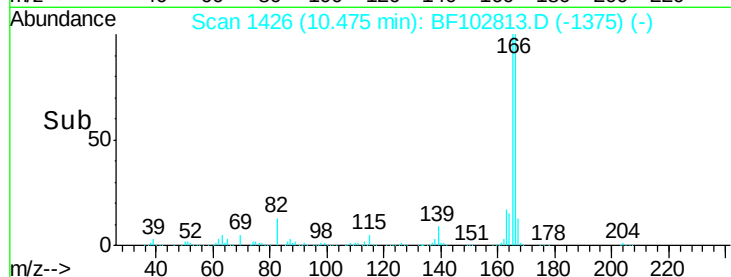
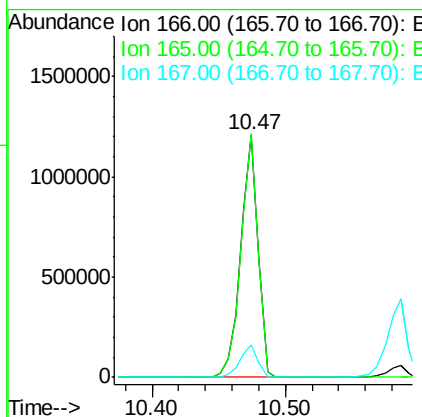
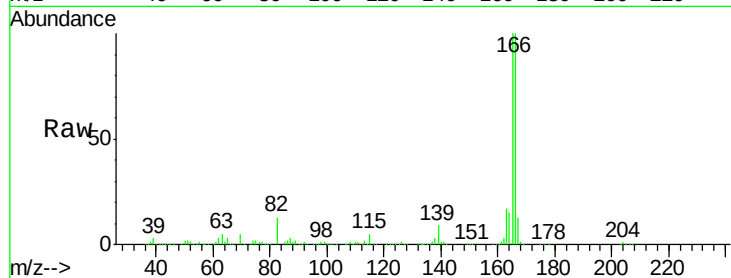




#57
 Fluorene
 Concen: 46.47 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

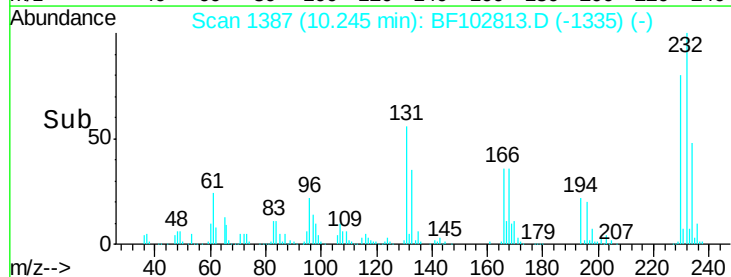
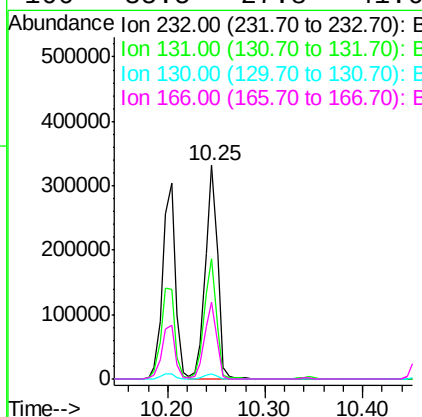
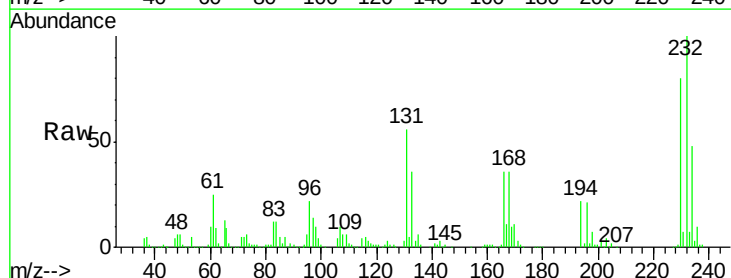
Instrument :
 BNA_F
 ClientSampleId :

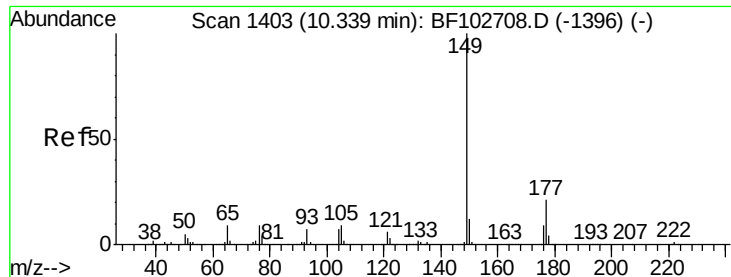
Tot Ion:166 Resp: 1090502
 Ion Ratio Lower Upper
 166 100
 165 100.3 79.8 119.8
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.70 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Tgt Ion:232 Resp: 289127
 Ion Ratio Lower Upper
 232 100
 131 55.4 43.8 65.8
 130 2.7 2.1 3.1
 166 35.5 27.8 41.6

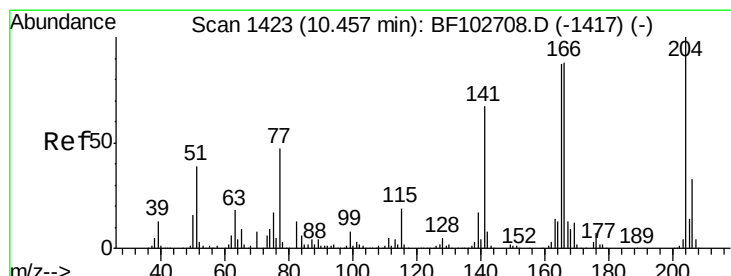
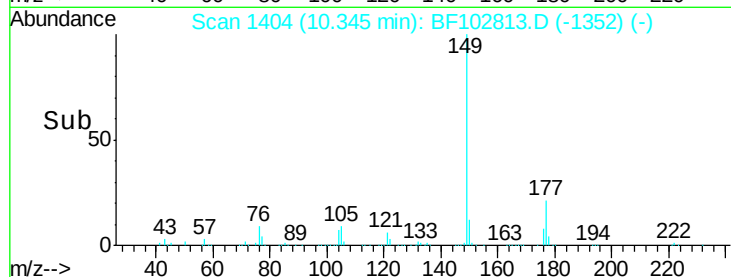
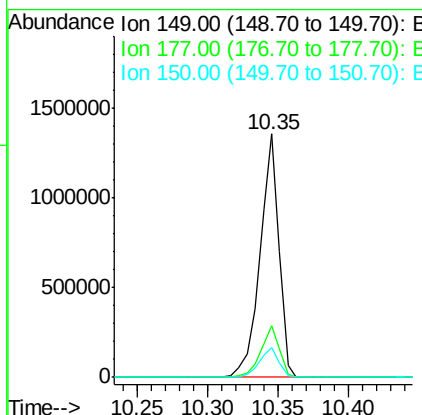
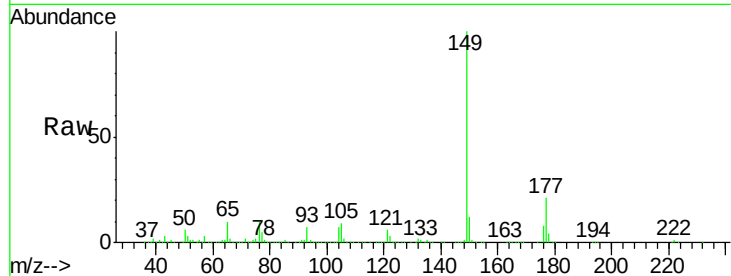




#59
Diethylphthalate
Concen: 44.90 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

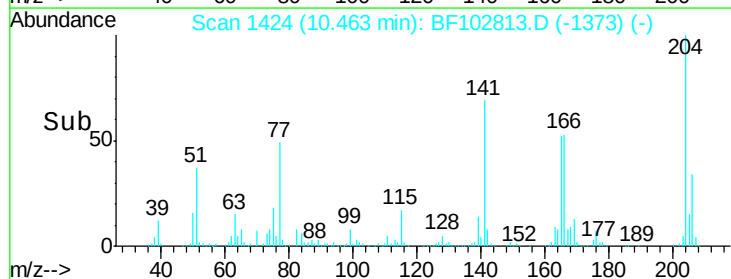
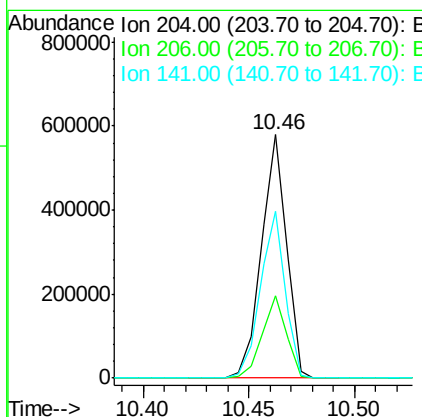
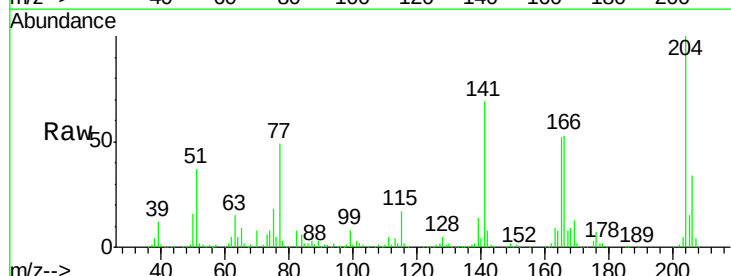
Instrument :
BNA_F
ClientSampleId :

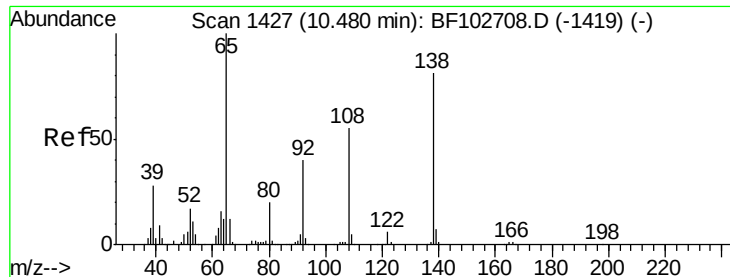
Tot Ion:149 Resp: 1284561
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 46.10 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion:204 Resp: 478593
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 68.7 54.6 81.8

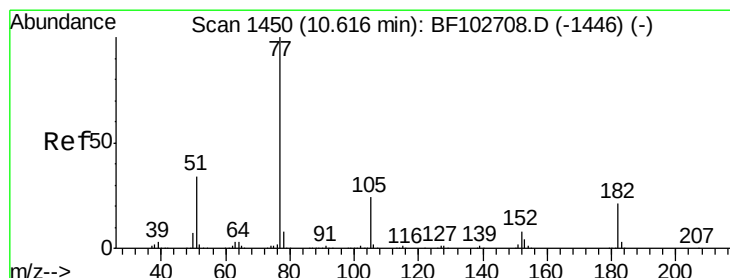
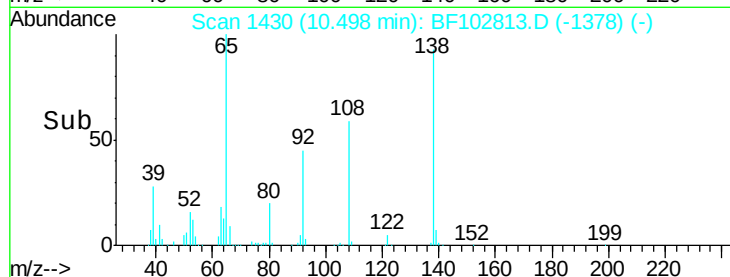
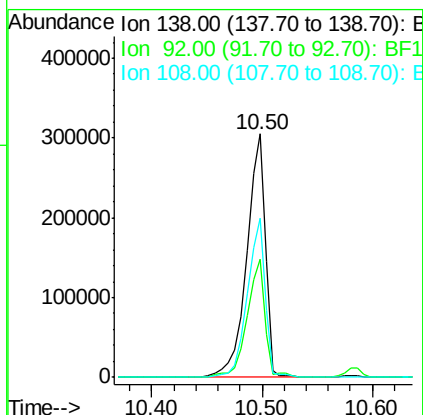
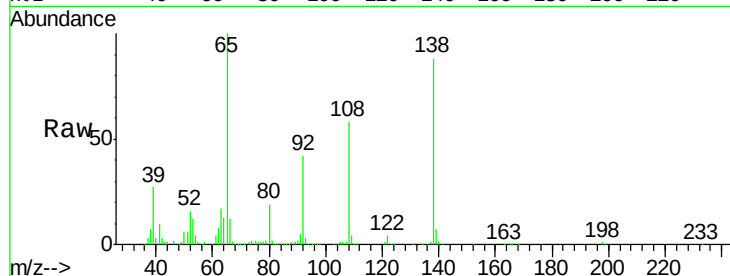




#61
4-Nitroaniline
Concen: 56.49 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

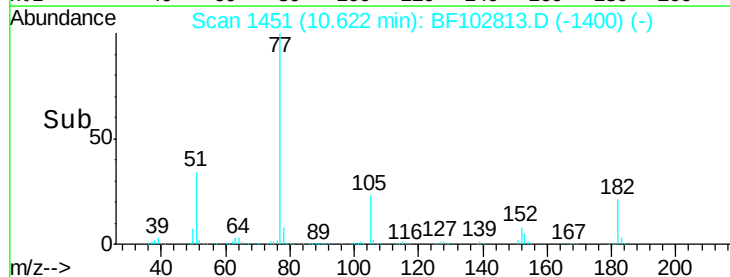
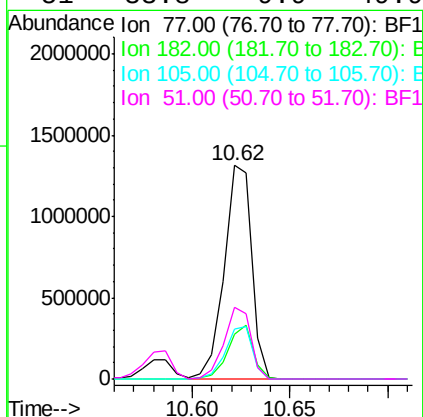
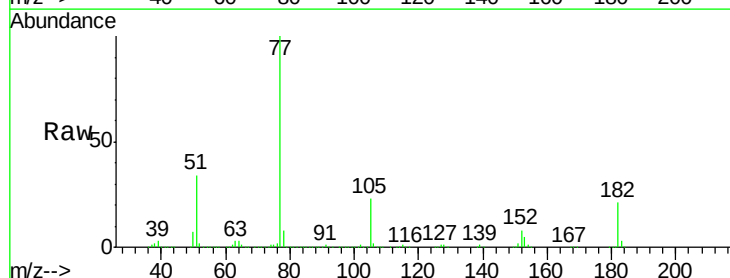
Instrument :
BNA_F
ClientSampleId :

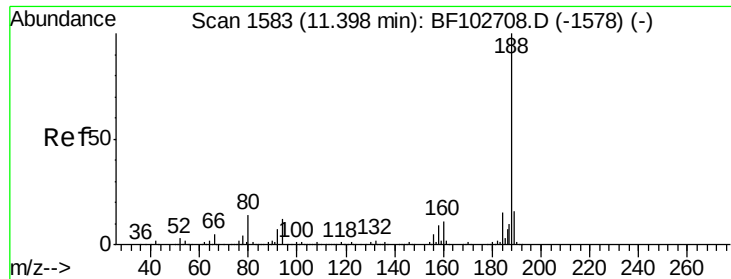
Tot Ion:138 Resp: 364661
Ion Ratio Lower Upper
138 100
92 48.3 30.2 70.2
108 65.6 52.5 92.5



#62
Azobenzene
Concen: 44.82 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion: 77 Resp: 1280928
Ion Ratio Lower Upper
77 100
182 20.8 1.7 41.7
105 23.4 3.0 43.0
51 33.8 9.9 49.9

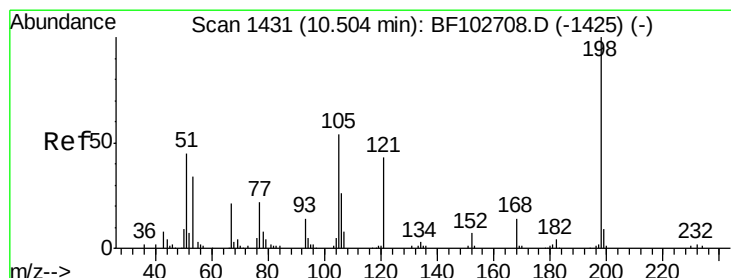
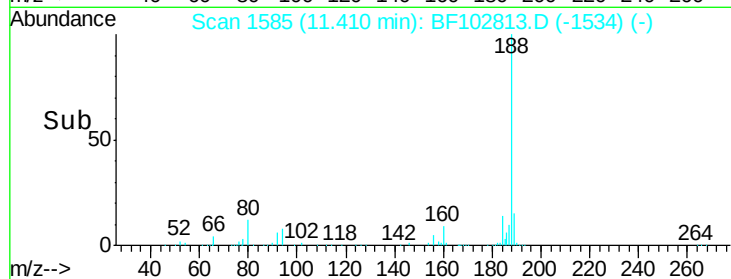
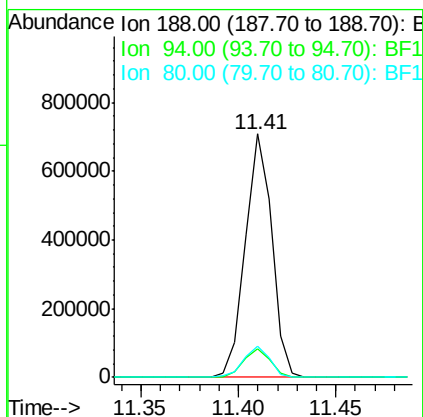
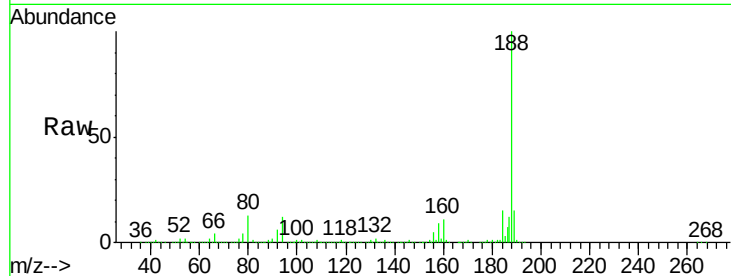




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

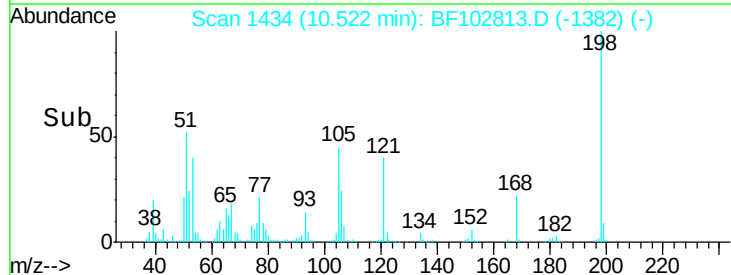
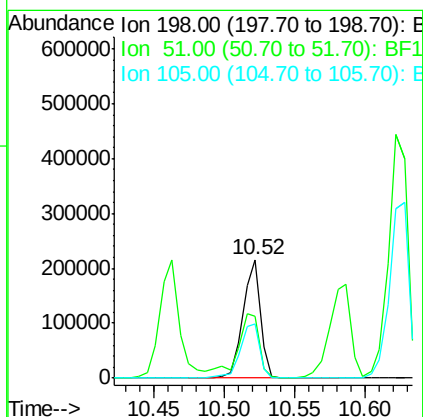
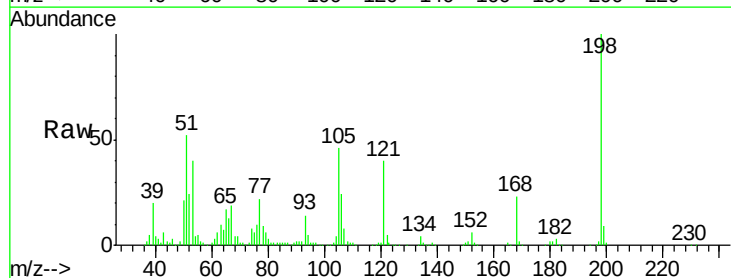
Instrument :
BNA_F
ClientSampleId :

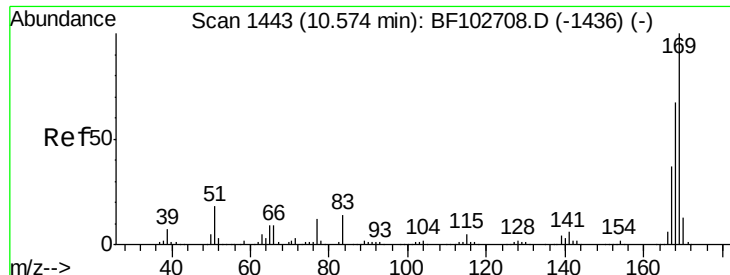
Tot Ion:188 Resp: 669005
Ion Ratio Lower Upper
188 100
94 12.0 8.5 12.7
80 12.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 61.43 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion:198 Resp: 186699
Ion Ratio Lower Upper
198 100
51 51.9 37.7 77.7
105 45.8 36.3 76.3

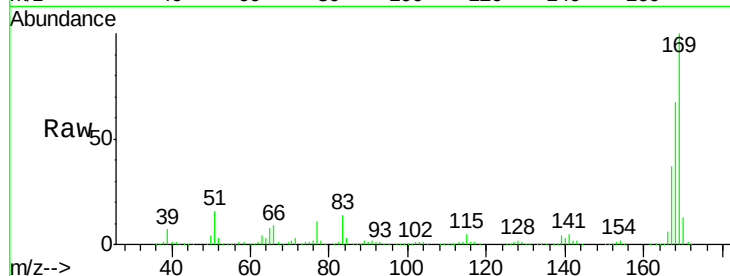




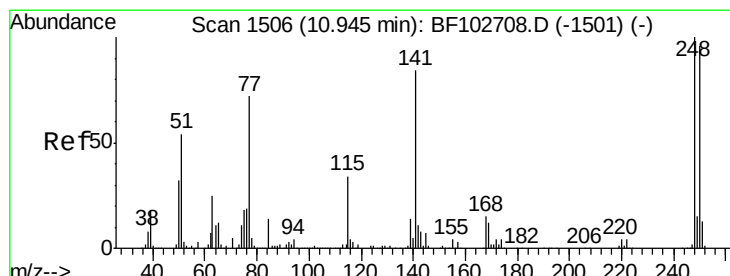
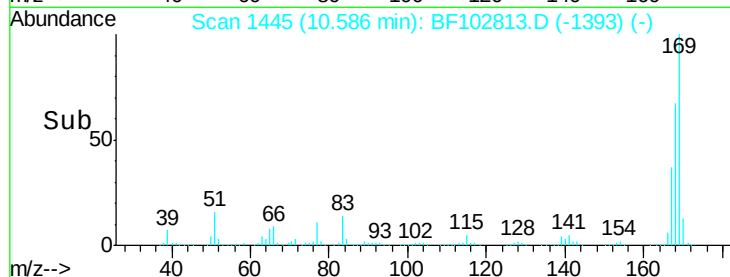
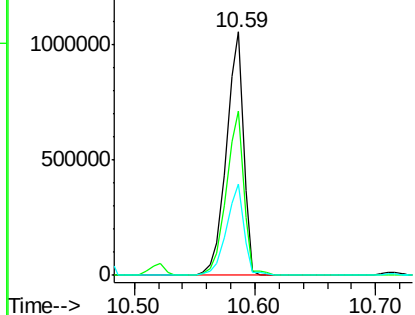
#65
n-Nitrosodiphenylamine
Concen: 43.93 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:169 Resp: 1036618
Ion Ratio Lower Upper
169 100
168 67.5 54.4 81.6
167 37.4 29.8 44.6

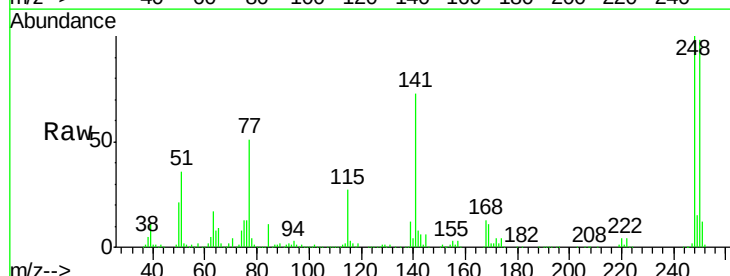


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

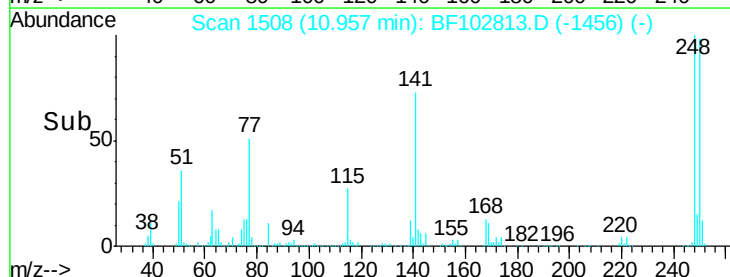
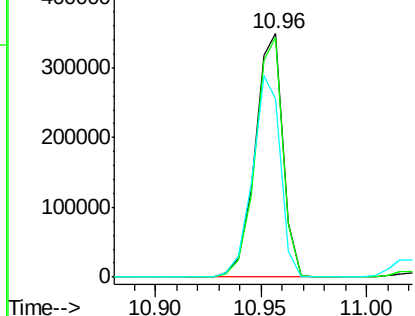


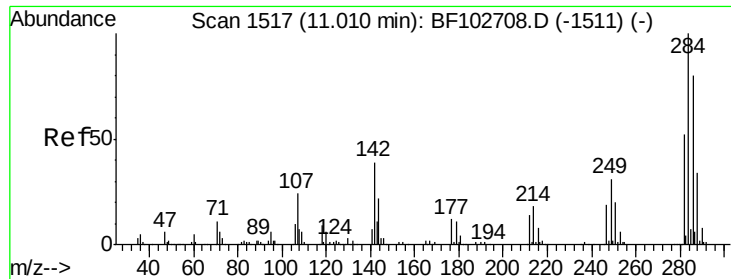
#66
4-Bromophenyl-phenylether
Concen: 45.14 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion:248 Resp: 319426
Ion Ratio Lower Upper
248 100
250 98.3 76.9 115.3
141 73.2 74.4 111.6#



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





#67

Hexachlorobenzene

Concen: 43.37 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.01 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampled :

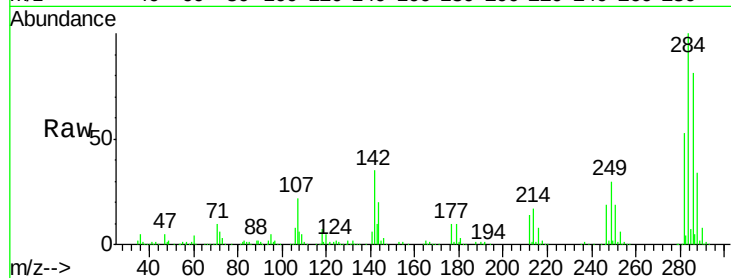
Tot Ion:284 Resp: 338627

Ion Ratio Lower Upper

284 100

142 35.2 34.6 52.0

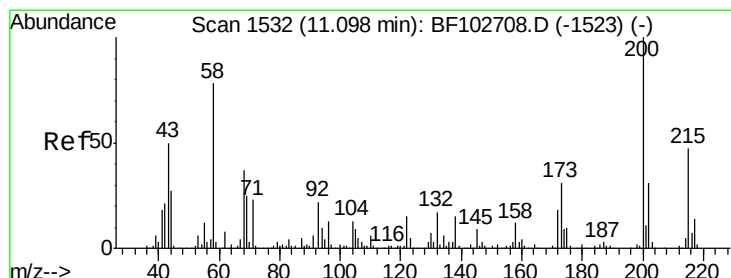
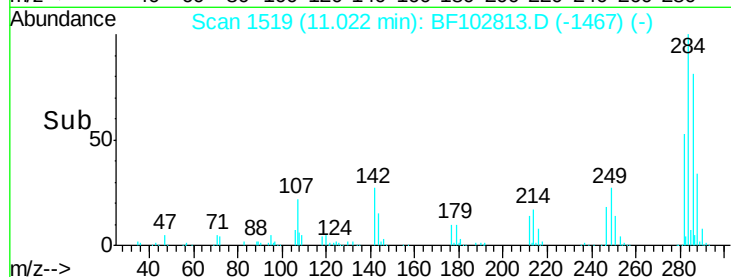
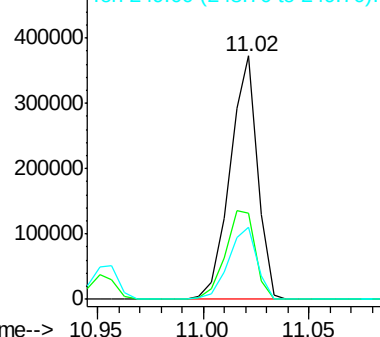
249 29.8 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 48.07 ng

RT: 11.11 min Scan# 1534

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

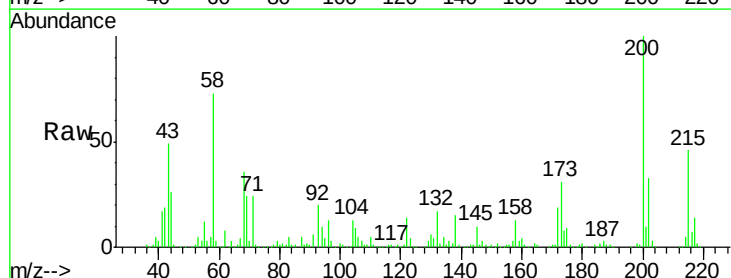
Tgt Ion:200 Resp: 334612

Ion Ratio Lower Upper

200 100

173 31.3 8.6 48.6

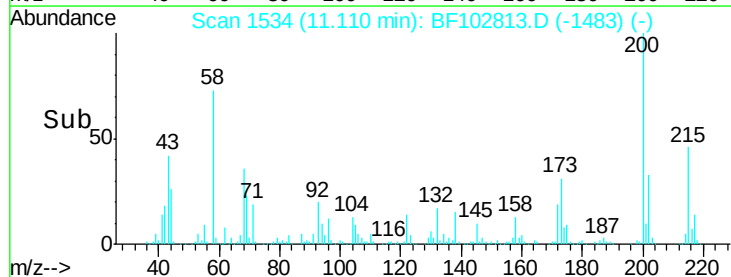
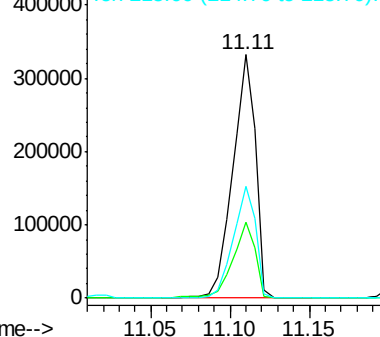
215 45.6 25.1 65.1

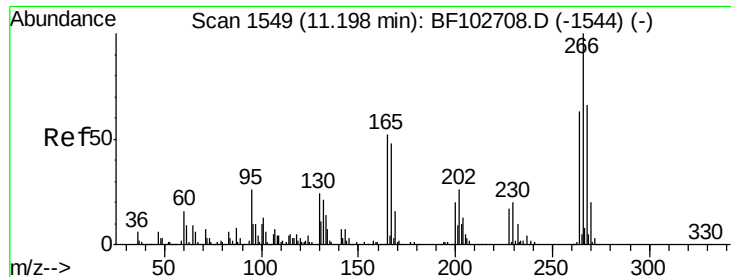


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 82.15 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampled :

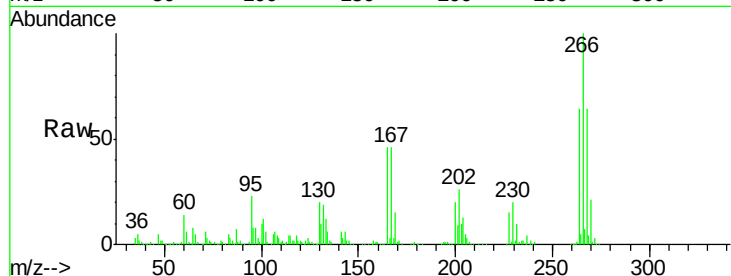
Tot Ion:266 Resp: 376505

Ion Ratio Lower Upper

266 100

268 63.9 51.1 76.7

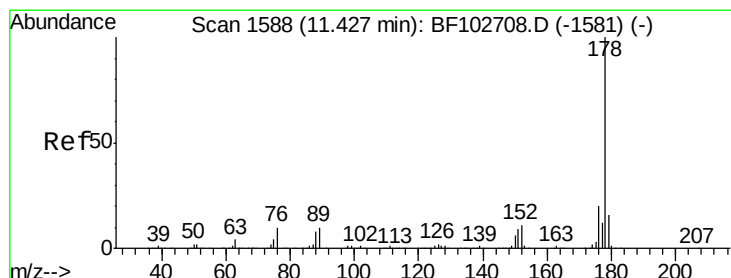
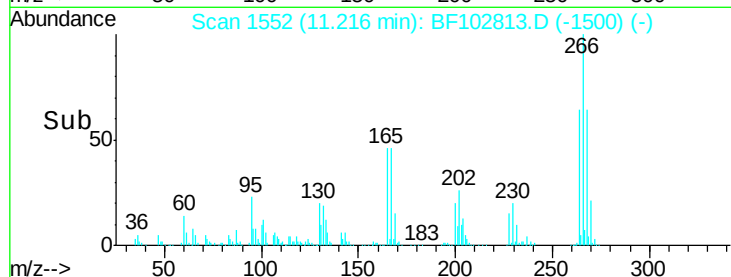
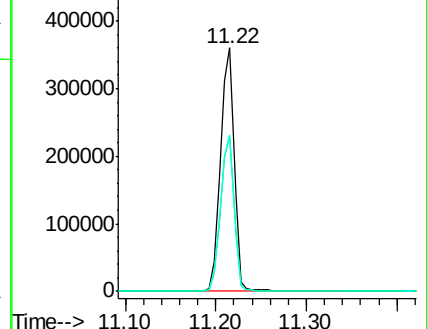
264 64.2 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 43.26 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.01 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

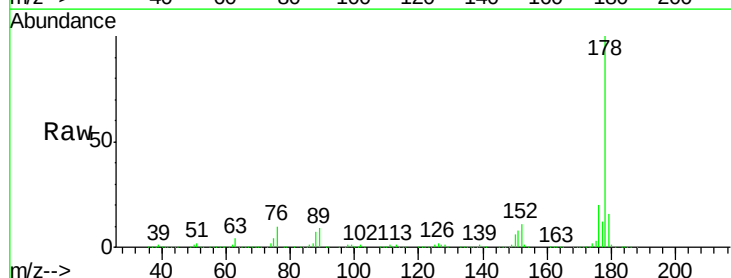
Tgt Ion:178 Resp: 1611877

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

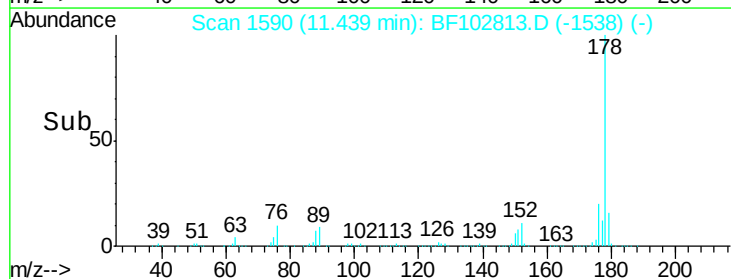
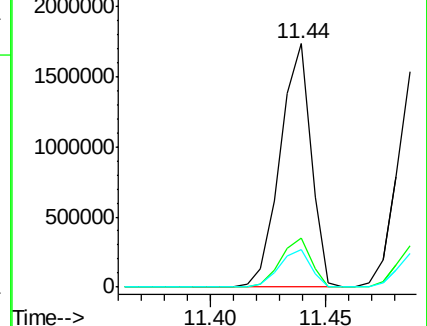
179 15.6 13.0 19.6

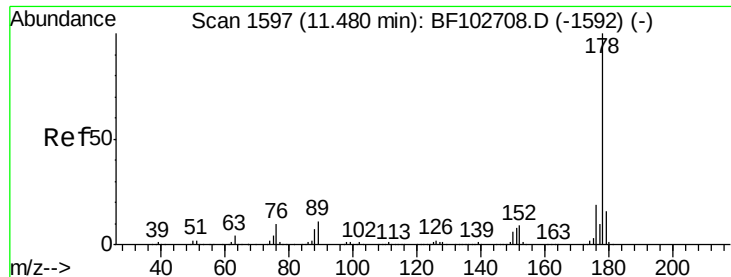


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

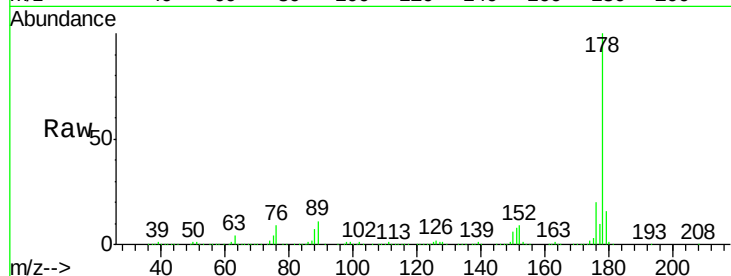




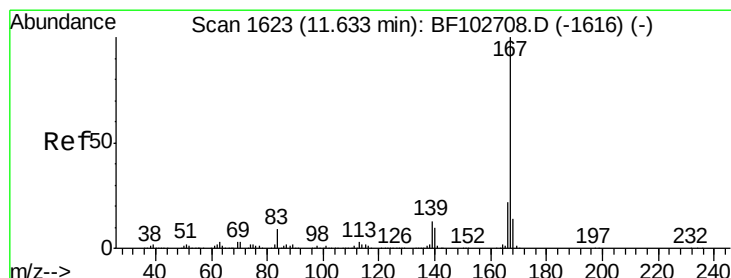
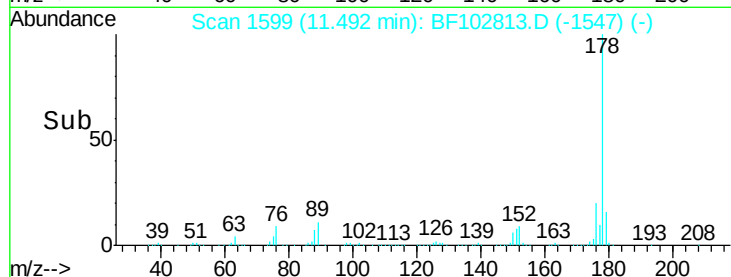
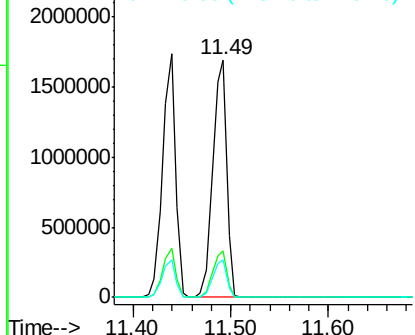
#71
 Anthracene
 Concen: 44.02 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1668173
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 15.6 12.6 19.0

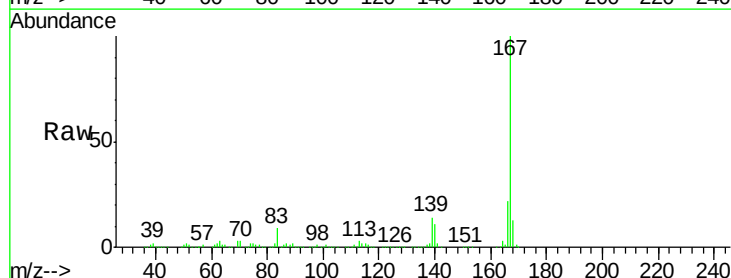


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

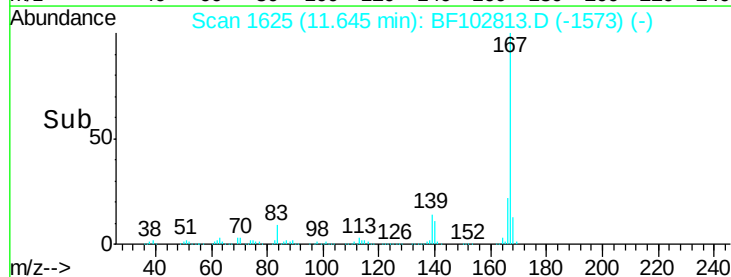
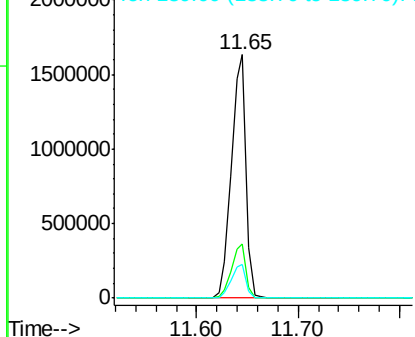


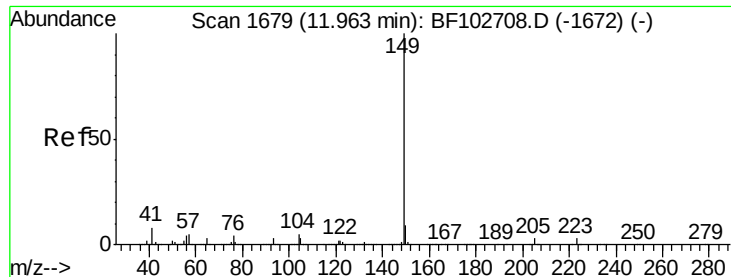
#72
 Carbazole
 Concen: 43.85 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Tgt Ion:167 Resp: 1627996
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 14.1 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.37 ng

RT: 11.97 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampleId :

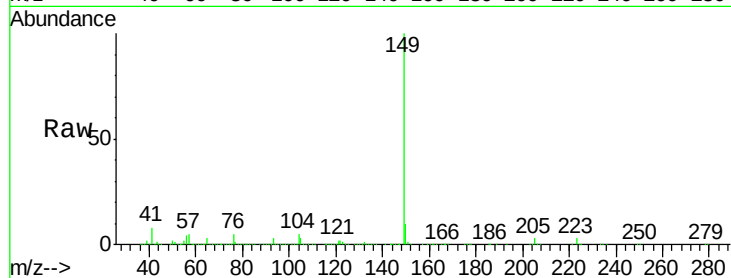
Tot Ion:149 Resp: 2000938

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

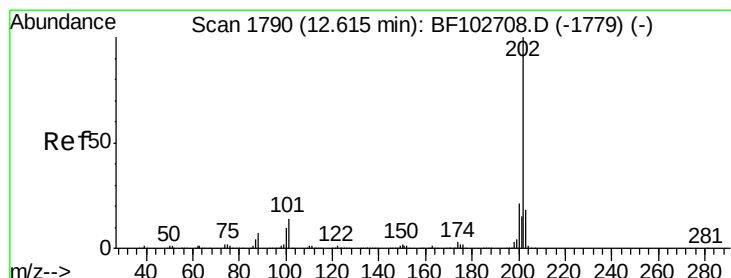
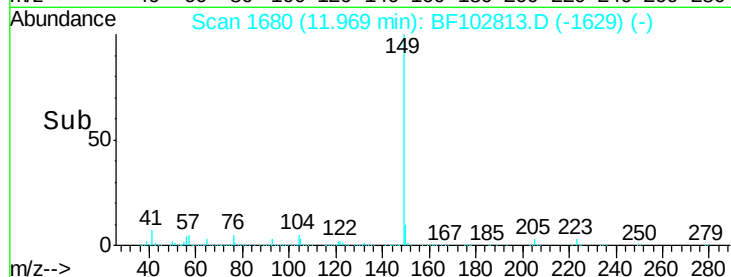
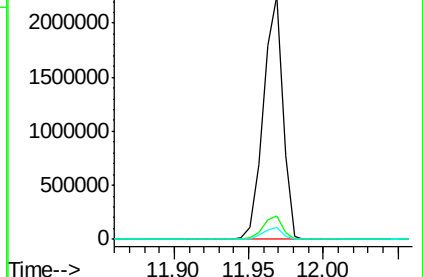
104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.53 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

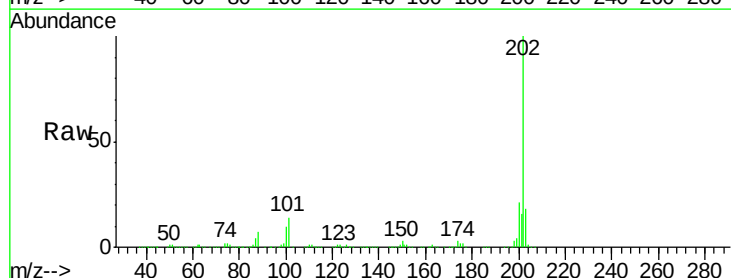
Tgt Ion:202 Resp: 1669215

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.1

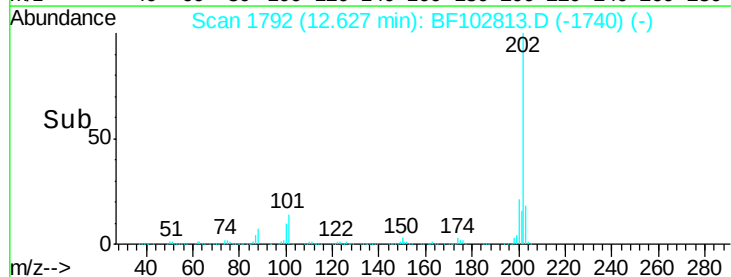
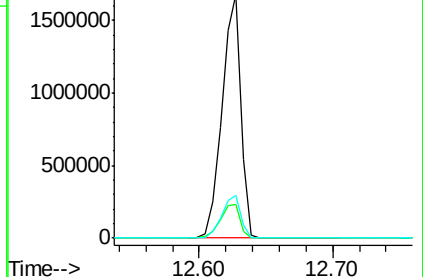
203 17.5 0.0 38.1

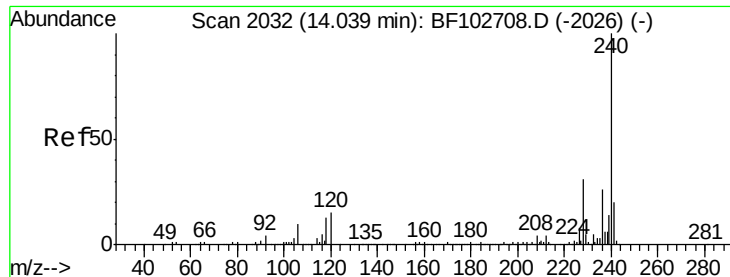


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF102813.D

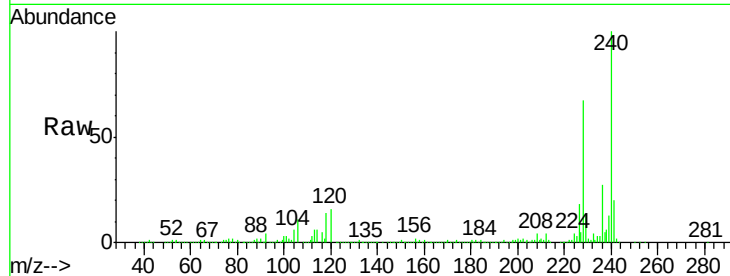
Acq: 7 Feb 2018 14:14

Instrument :

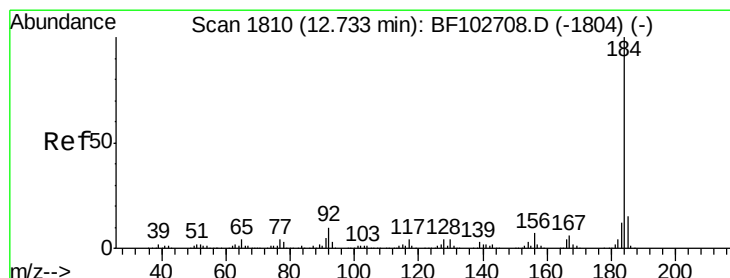
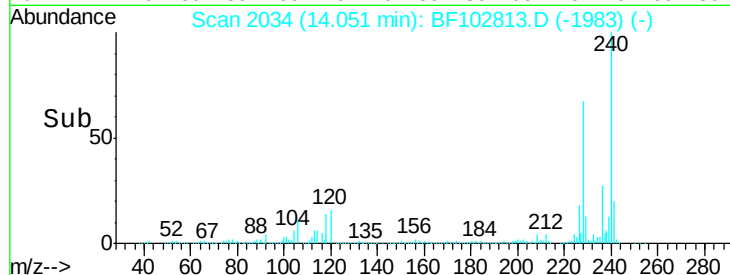
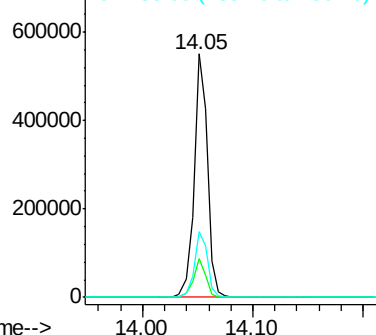
BNA_F

ClientSampleId :

Tot Ion:240 Resp: 461942
 Ion Ratio Lower Upper
 240 100
 120 16.1 9.5 14.3#
 236 26.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 18.04 ng

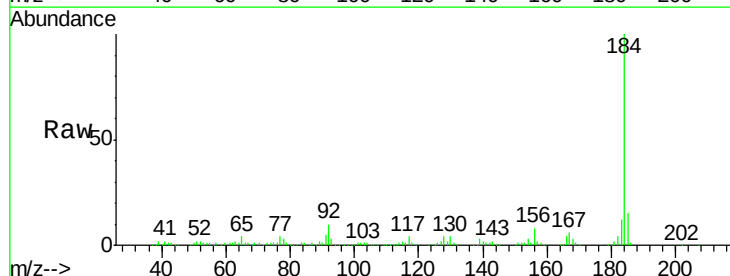
RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

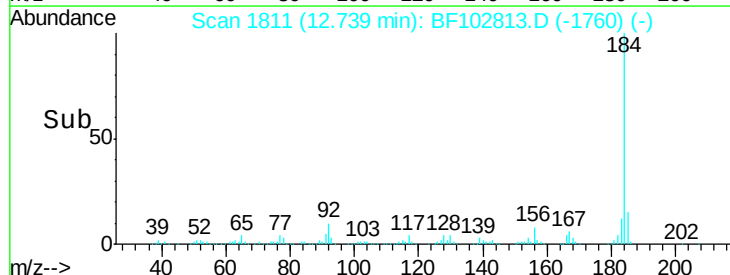
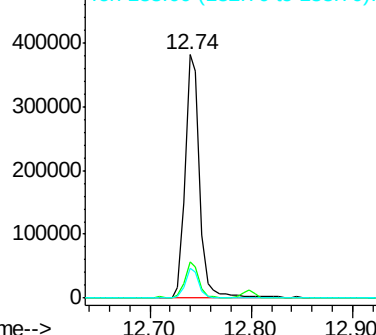
Lab File: BF102813.D

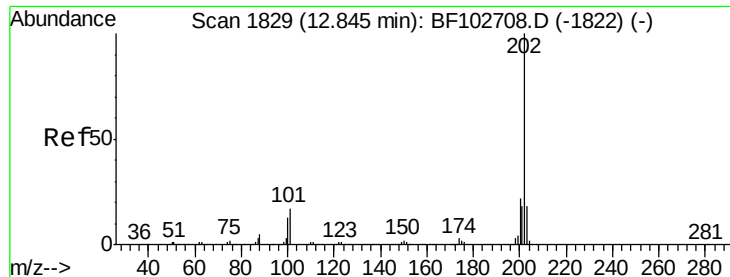
Acq: 7 Feb 2018 14:14

Tgt Ion:184 Resp: 382959
 Ion Ratio Lower Upper
 184 100
 185 14.9 12.6 18.8
 183 12.0 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.75 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampleId :

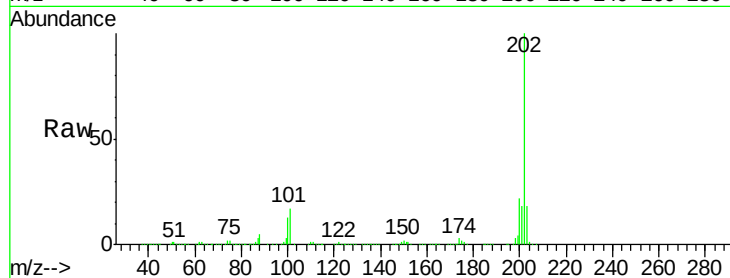
Tot Ion:202 Resp: 1693559

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

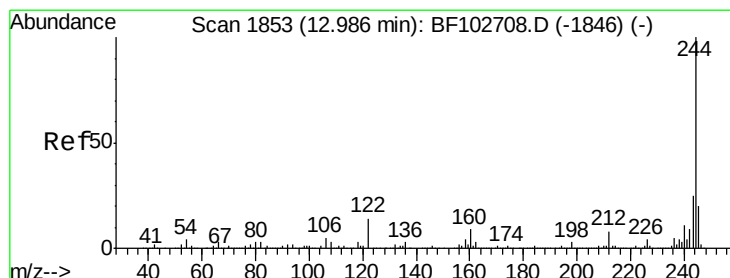
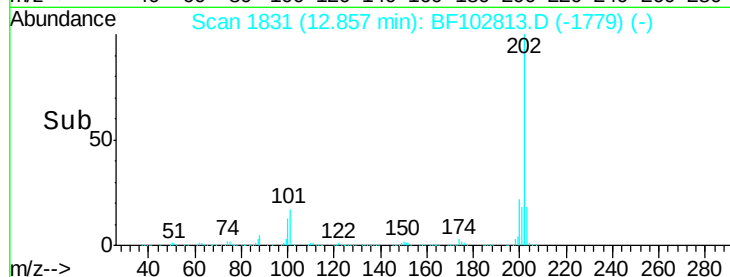
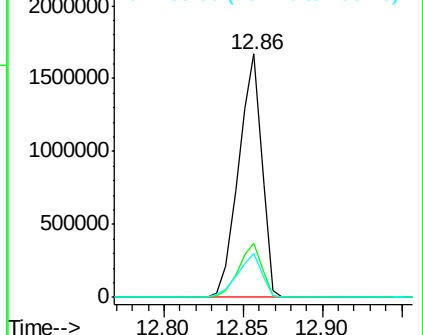
203 18.0 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 94.07 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

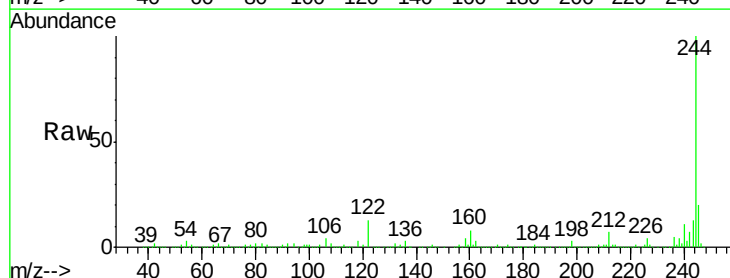
Tgt Ion:244 Resp: 1835270

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

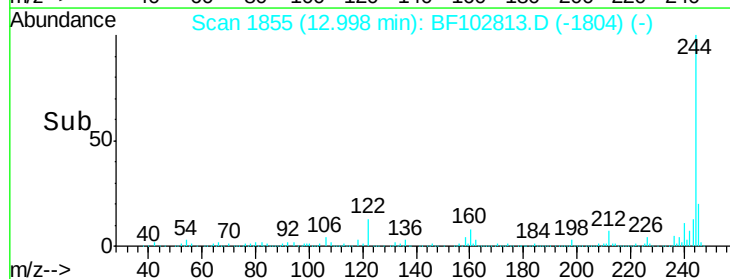
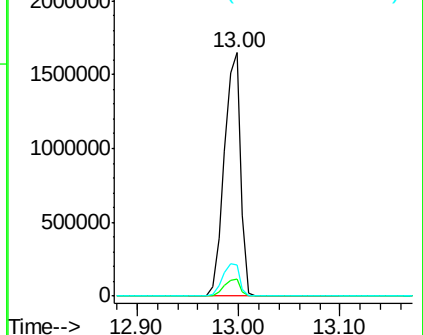
122 13.0 11.0 16.4

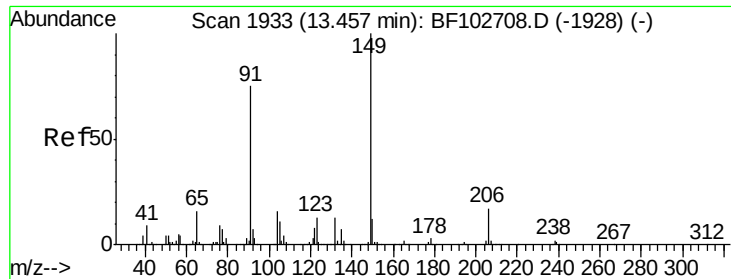


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

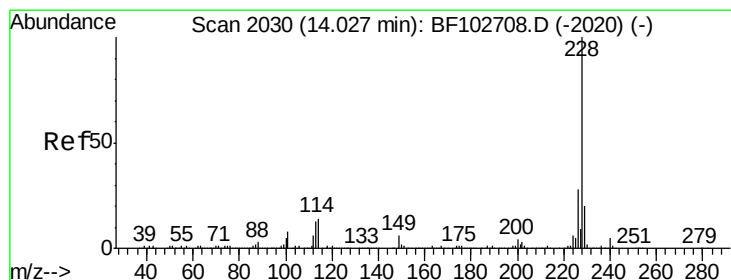
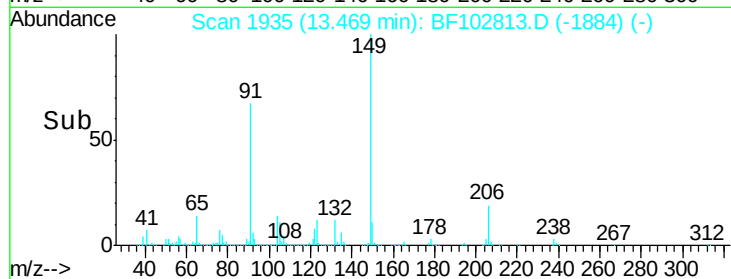
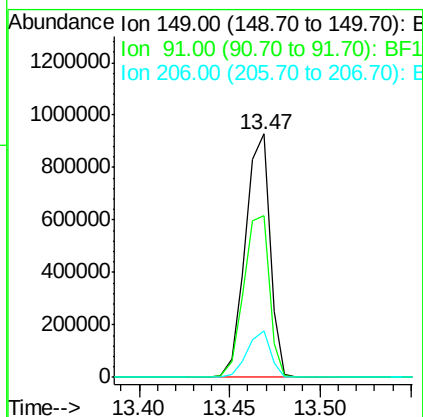
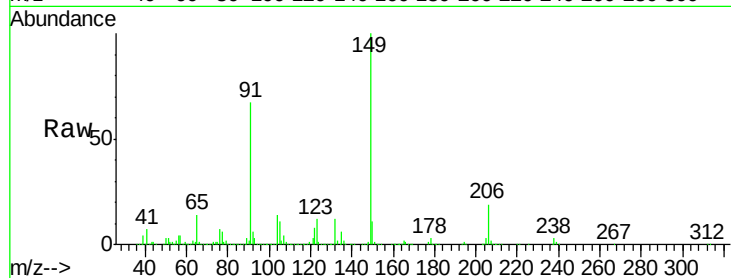




#79
Butylbenzylphthalate
Concen: 50.65 ng
RT: 13.47 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

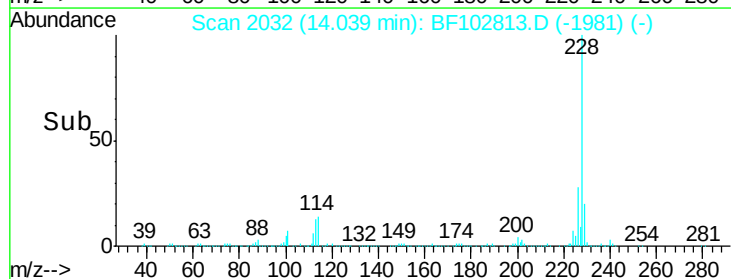
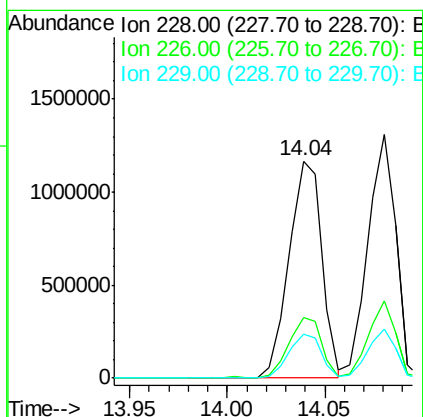
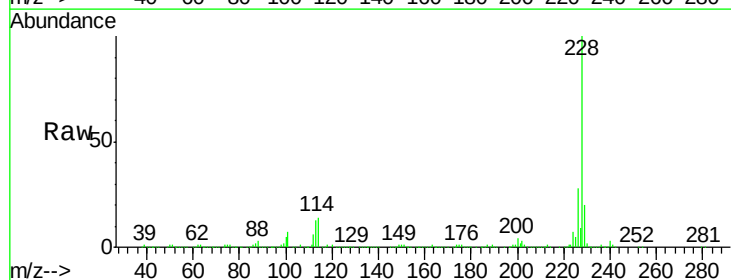
Instrument :
BNA_F
ClientSampleId :

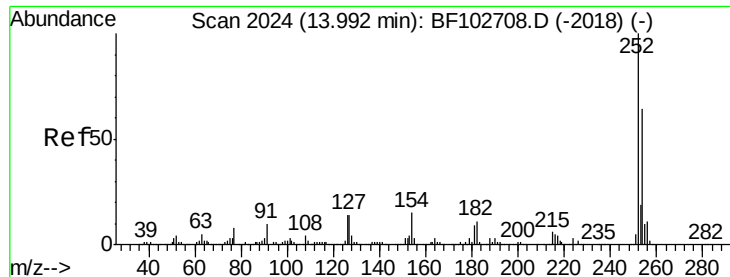
Tot Ion:149 Resp: 878656
Ion Ratio Lower Upper
149 100
91 66.6 56.8 85.2
206 19.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 46.84 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion:228 Resp: 1360842
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 20.4 15.8 23.6

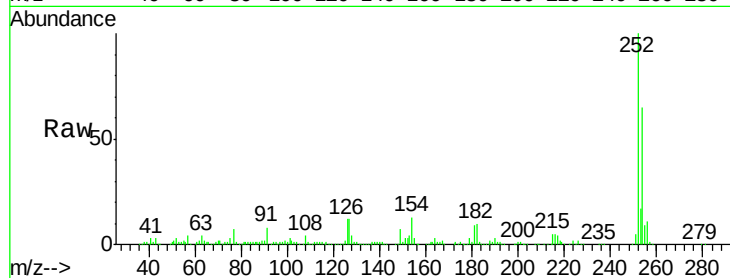




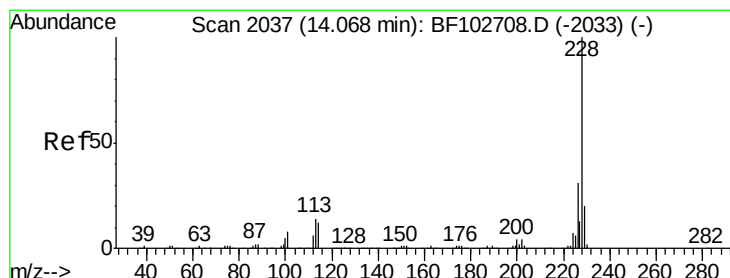
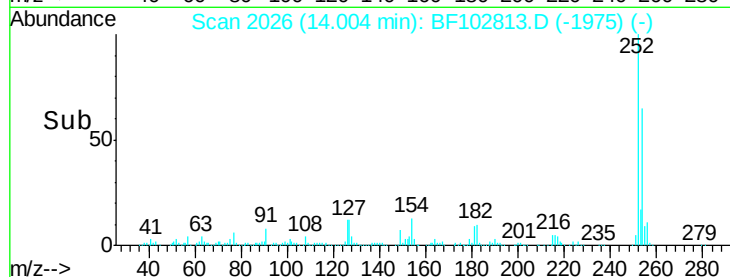
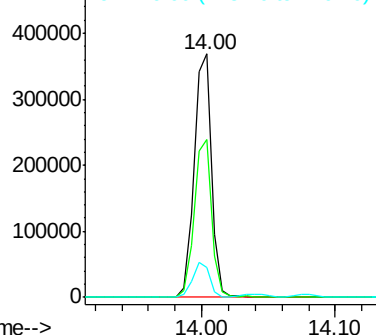
#81
 3,3'-Dichlorobenzidine
 Concen: 31.83 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 342904
 Ion Ratio Lower Upper
 252 100
 254 64.8 50.4 75.6
 126 12.2 11.3 16.9

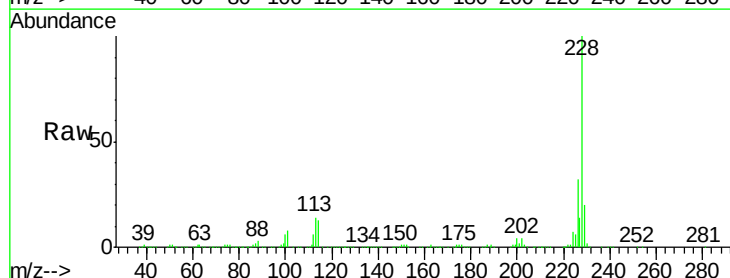


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

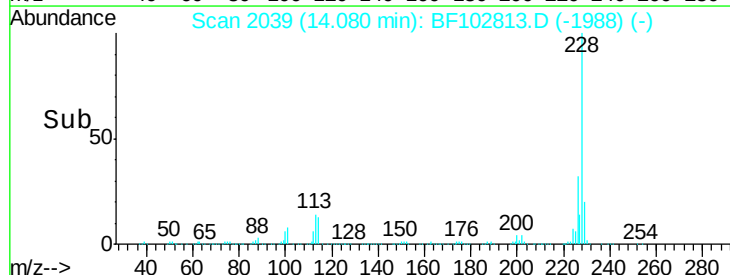
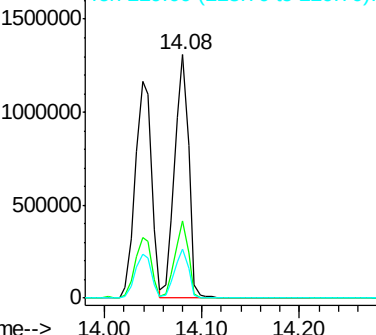


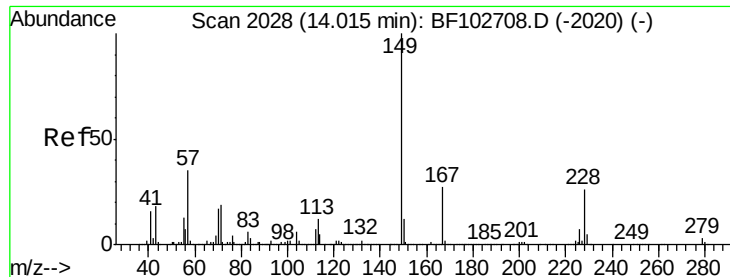
#82
 Chrysene
 Concen: 44.78 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Tgt Ion:228 Resp: 1311538
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.0 37.6
 229 19.9 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: 49.82 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampleId :

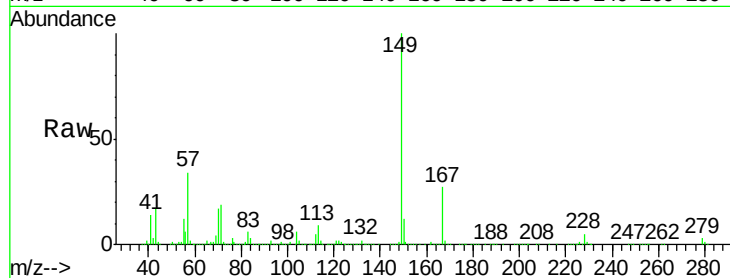
Tot Ion:149 Resp: 1105550

Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

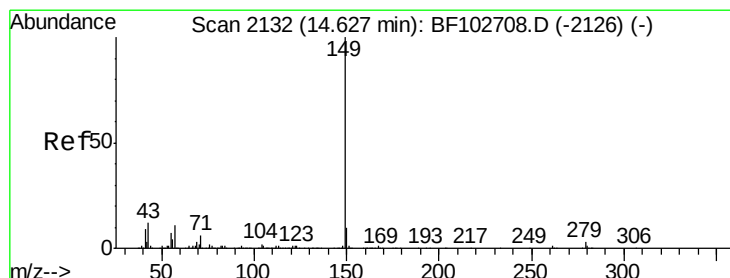
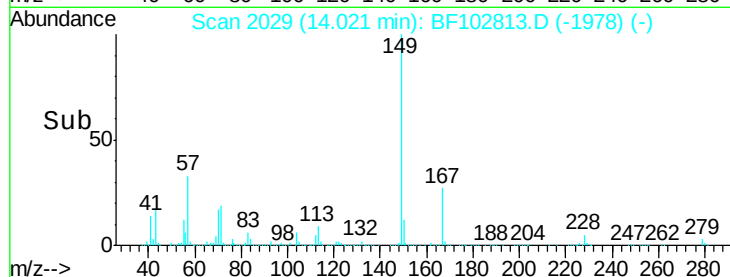
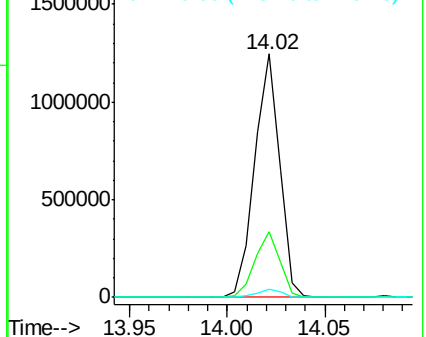
279 3.2 3.0 4.4



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: 51.51 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

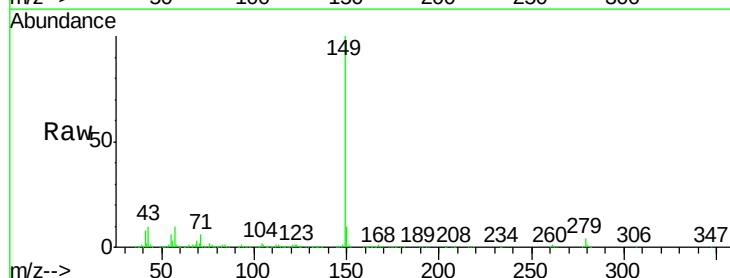
Tgt Ion:149 Resp: 1716339

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

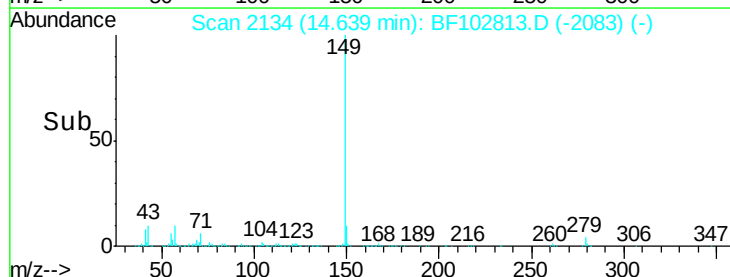
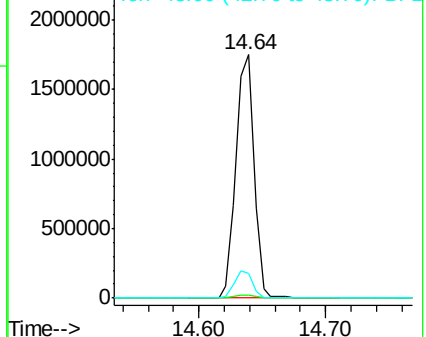
43 11.1 8.4 12.6

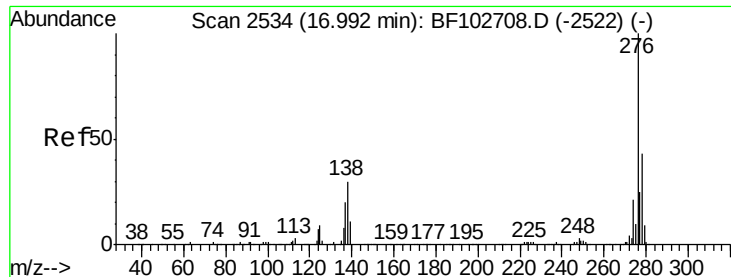


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

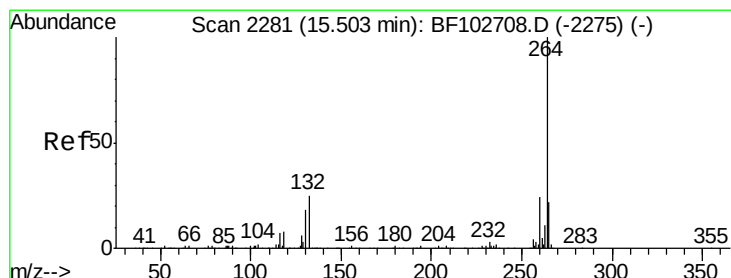
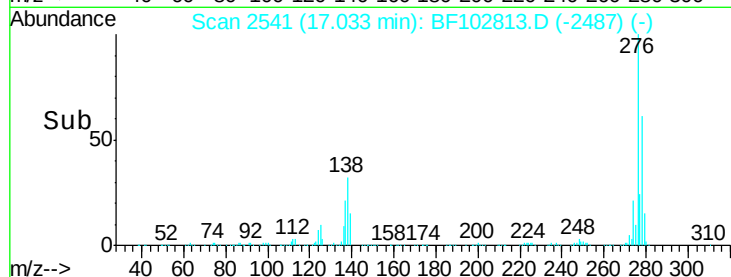
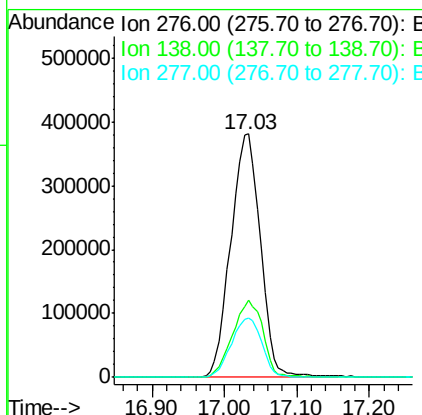
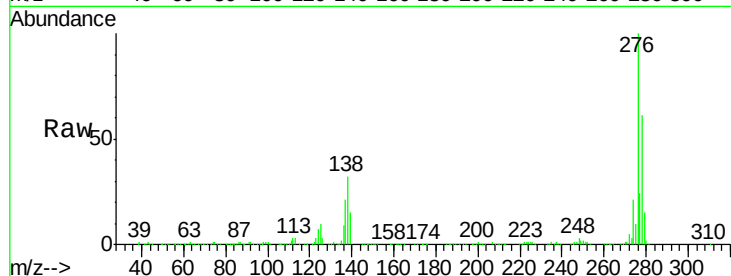




#85
Indeno(1,2,3-cd)pyrene
Concen: 44.73 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.02 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

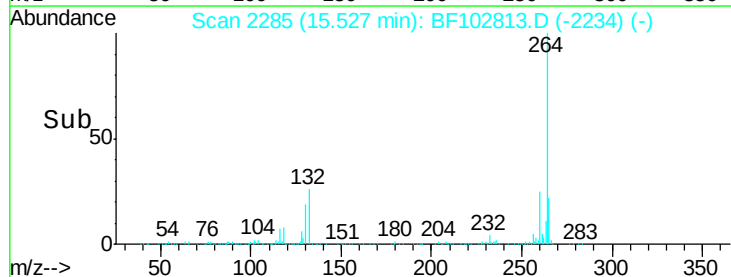
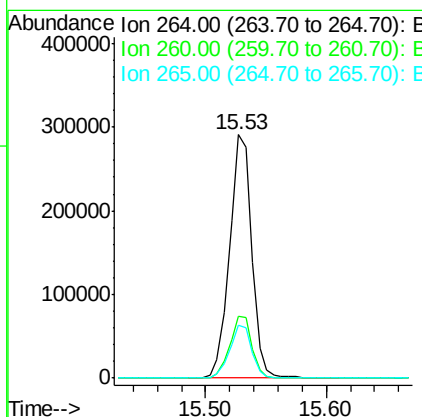
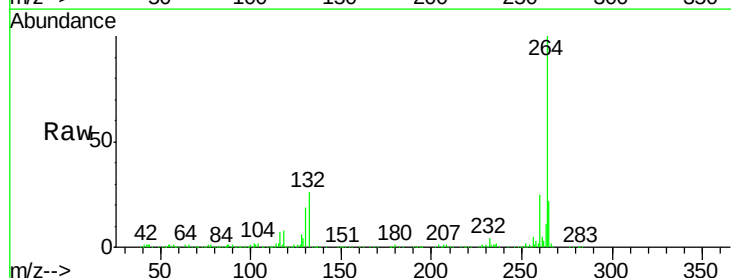
Instrument :
BNA_F
ClientSampled :

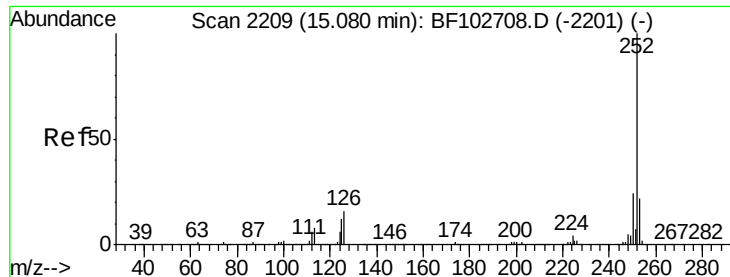
Tot Ion:276 Resp: 1086473
Ion Ratio Lower Upper
276 100
138 32.5 25.0 37.6
277 25.0 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion:264 Resp: 374007
Ion Ratio Lower Upper
264 100
260 25.2 19.2 28.8
265 22.0 17.5 26.3

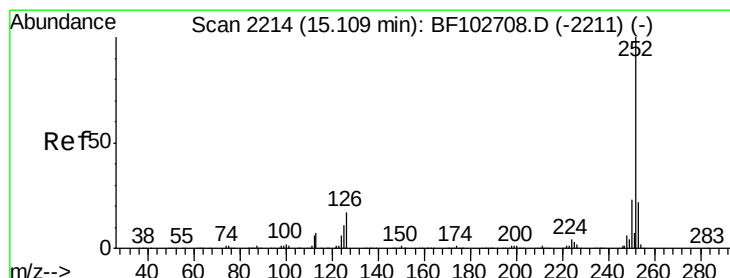
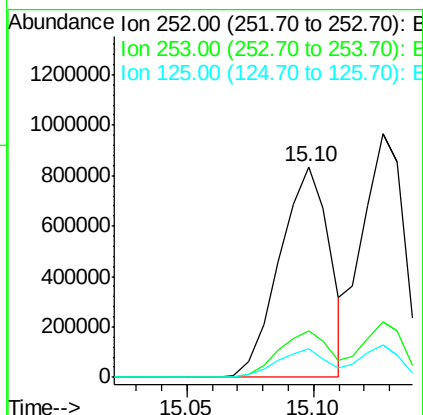
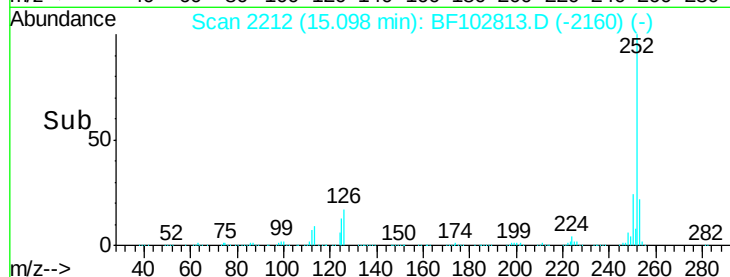
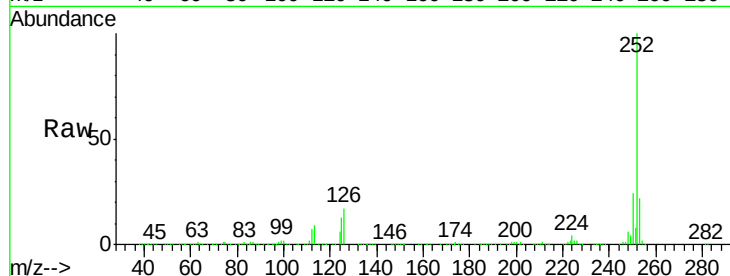




#87
Benzo(b)fluoranthene
Concen: 47.30 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

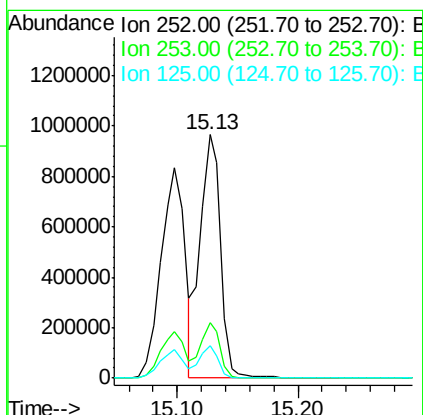
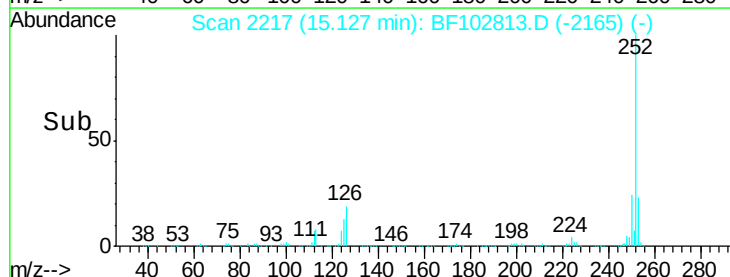
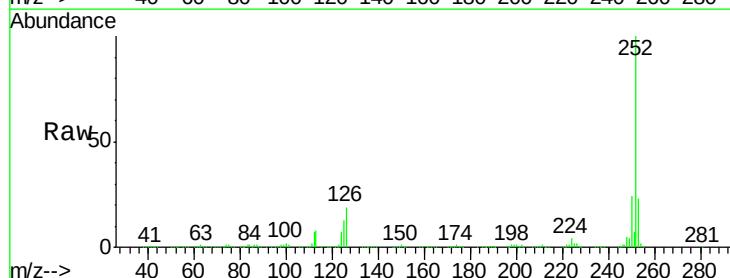
Instrument :
BNA_F
ClientSampleId :

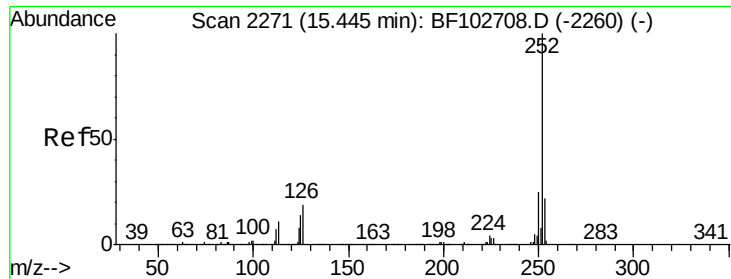
Tot Ion:252 Resp: 1146890
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 13.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 48.47 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion:252 Resp: 1122949
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 13.3 10.2 15.2

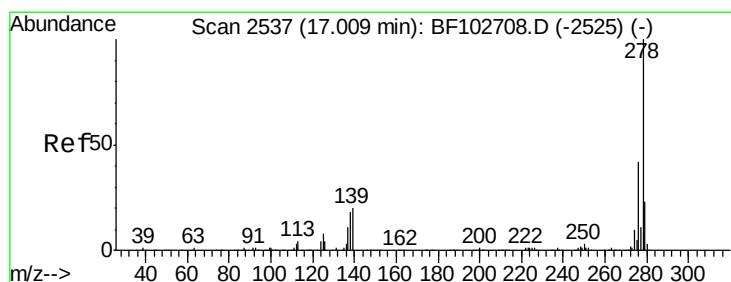
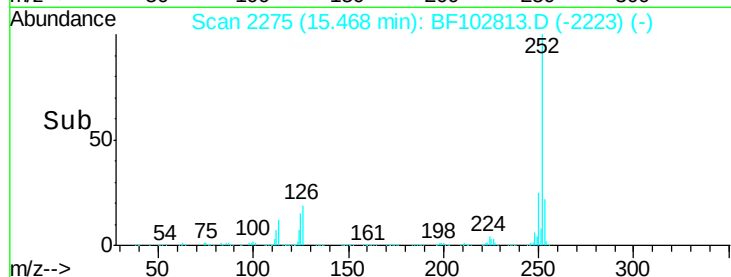
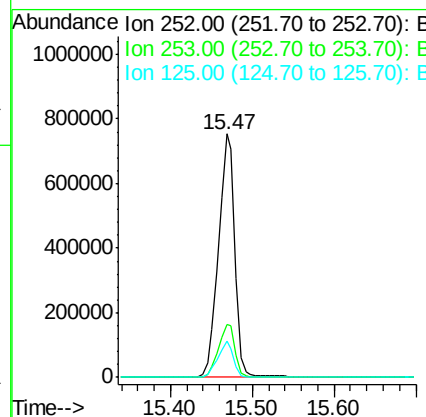
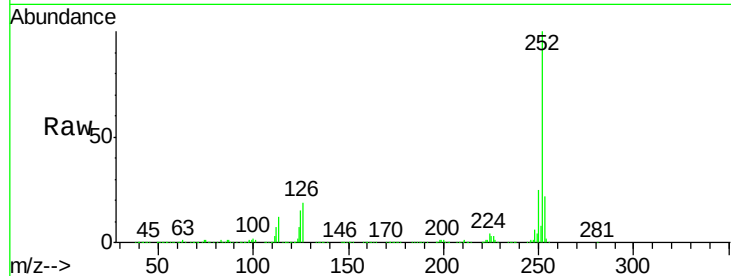




#89
Benzo(a)pyrene
Concen: 48.30 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

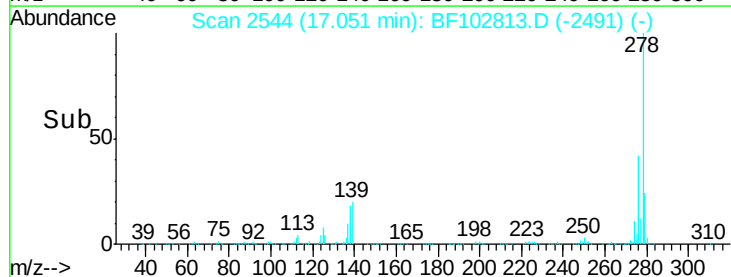
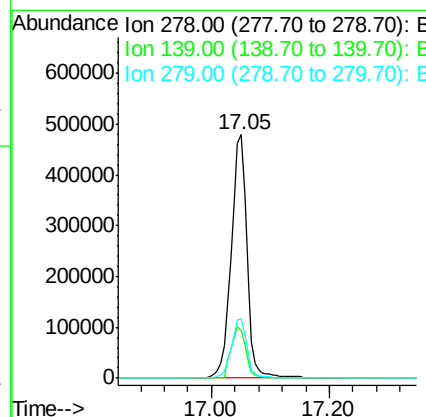
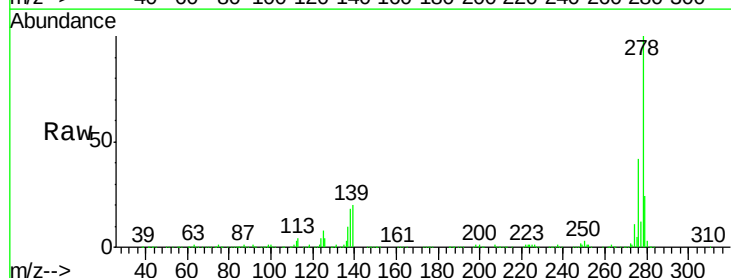
Instrument :
BNA_F
ClientSampleId :

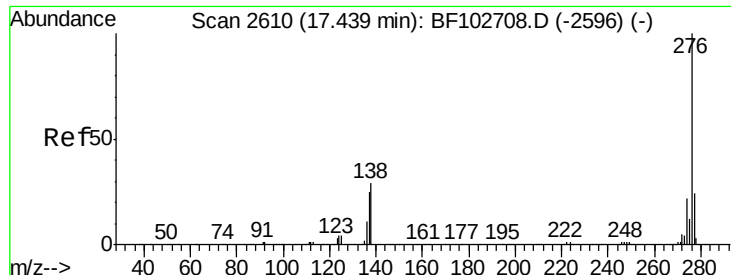
Tot Ion:252 Resp: 1054212
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 14.7 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 50.30 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion:278 Resp: 891052
Ion Ratio Lower Upper
278 100
139 19.6 15.9 23.9
279 24.2 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 54.17 ng

RT: 17.49 min Scan# 2618

Delta R.T. 0.01 min

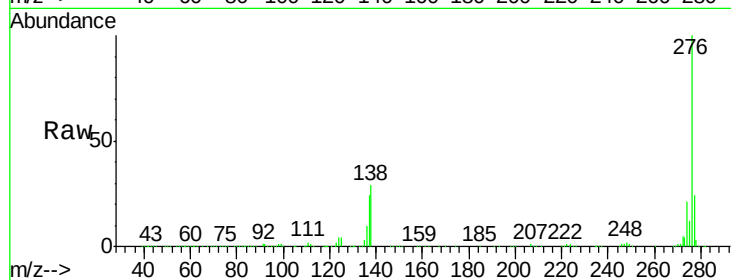
Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampleId :



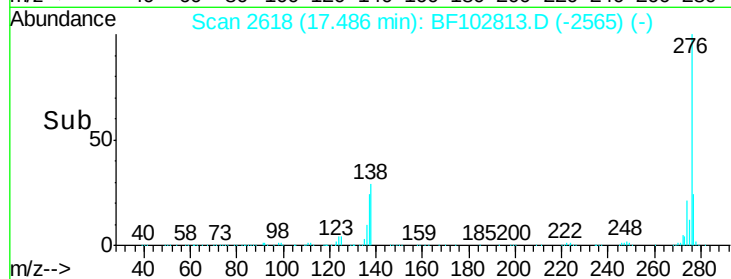
Tot Ion: 276 Resp: 939257

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 28.9 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

