

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070718\
 Data File : BF107201.D
 Acq On : 7 Jul 2018 12:56
 Operator : JU/SJ
 Sample : J3791-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72MS

Quant Time: Jul 09 02:11:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	56965	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	220658	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	114127	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	215931	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	148820	20.00	ng	-0.03
86) Perylene-d12	15.67	264	163788	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	323050	96.03	ng	-0.01
7) Phenol-d6	6.60	99	403370	96.02	ng	-0.02
23) Nitrobenzene-d5	7.51	82	253479	63.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	131217	99.20	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	434653	60.15	ng	-0.02
78) Terphenyl-d14	13.07	244	471898	76.81	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	44717	25.855	ng	98
3) Pyridine	3.61	79	132969	28.348	ng	98
4) n-Nitrosodimethylamine	3.57	42	55512	27.865	ng	# 79
6) Aniline	6.61	93	163028	28.608	ng	# 83
8) 2-Chlorophenol	6.74	128	128696	34.879	ng	97
9) Benzaldehyde	6.50	77	65823	20.112	ng	99
10) Phenol	6.61	94	165099	34.435	ng	75
11) bis(2-Chloroethyl)ether	6.68	93	125716	31.762	ng	98
12) 1,3-Dichlorobenzene	6.88	146	143353	33.171	ng	99
13) 1,4-Dichlorobenzene	6.96	146	144642	33.105	ng	99
14) 1,2-Dichlorobenzene	7.11	146	136548	34.102	ng	98
15) Benzyl Alcohol	7.09	79	110450	32.742	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	179529	34.570	ng	# 47
17) 2-Methylphenol	7.21	107	109791	34.770	ng	# 91
18) Hexachloroethane	7.45	117	48770	31.742	ng	91
19) n-Nitroso-di-n-propylamine	7.35	70	89303	32.248	ng	92
20) 3+4-Methylphenols	7.36	107	140525	39.953	ng	# 77
22) Acetophenone	7.35	105	176069	35.666	ng	# 97
24) Nitrobenzene	7.53	77	138584	34.186	ng	98
25) Isophorone	7.77	82	254127	36.321	ng	98
26) 2-Nitrophenol	7.85	139	71892	37.568	ng	94
27) 2,4-Dimethylphenol	7.88	122	116682	39.448	ng	98
28) bis(2-Chloroethoxy)methane	7.97	93	162808	34.657	ng	97
29) 2,4-Dichlorophenol	8.10	162	118866	38.385	ng	93
30) 1,2,4-Trichlorobenzene	8.17	180	124556	36.512	ng	99
31) Naphthalene	8.25	128	364823	35.363	ng	100
32) Benzoic acid	7.98	122	4387	7.527	ng	95
33) 4-Chloroaniline	8.30	127	122945	28.402	ng	99
34) Hexachlorobutadiene	8.35	225	83835	37.715	ng	97
35) Caprolactam	8.67	113	34324	34.003	ng	97
36) 4-Chloro-3-methylphenol	8.80	107	119025	36.517	ng	96
37) 2-Methylnaphthalene	8.94	142	268754	39.303	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	139690	36.345	ng	# 96
40) Hexachlorocyclopentadiene	9.08	237	41108	20.789	ng	96

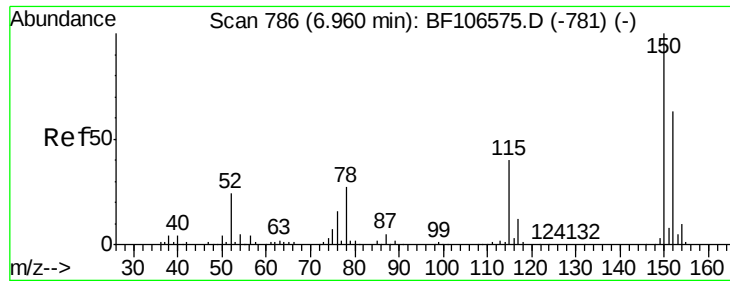
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070718\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	78573	30.755	ng	94
43) 2,4,5-Trichlorophenol	9.28	196	82194	30.832	ng	89
45) 1,1'-Biphenyl	9.41	154	319795	35.160	ng	98
46) 2-Chloronaphthalene	9.44	162	238396	33.299	ng	94
47) 2-Nitroaniline	9.54	65	75492	31.357	ng	92
48) Acenaphthylene	9.85	152	371405	32.858	ng	99
49) Dimethylphthalate	9.70	163	349407	40.820	ng	98
50) 2,6-Dinitrotoluene	9.78	165	65001	35.862	ng #	82
51) Acenaphthene	10.02	154	224166	31.494	ng	96
52) 3-Nitroaniline	9.95	138	56391	27.036	ng	99
53) 2,4-Dinitrophenol	10.07	184	13218	18.440	ng #	15
54) Dibenzofuran	10.20	168	342475	35.139	ng	96
55) 4-Nitrophenol	10.13	139	45388	31.176	ng	93
56) 2,4-Dinitrotoluene	10.18	165	83213	35.172	ng	94
57) Fluorene	10.54	166	270925	35.030	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	67044	31.638	ng #	78
59) Diethylphthalate	10.40	149	256056	30.994	ng #	91
60) 4-Chlorophenyl-phenylether	10.52	204	141590	34.989	ng #	84
61) 4-Nitroaniline	10.57	138	61810	29.860	ng	90
62) Azobenzene	10.68	77	250841	30.833	ng	96
64) 4,6-Dinitro-2-methylphenol	10.60	198	35550	26.634	ng #	73
65) n-Nitrosodiphenylamine	10.65	169	231612	31.890	ng	99
66) 4-Bromophenyl-phenylether	11.02	248	93320	36.212	ng #	77
67) Hexachlorobenzene	11.09	284	99939	37.053	ng #	84
68) Atrazine	11.17	200	78531	34.012	ng	95
69) Pentachlorophenol	11.30	266	36453	27.086	ng	97
70) Phenanthrene	11.51	178	380910	36.574	ng	98
71) Anthracene	11.56	178	388654	36.560	ng	100
72) Carbazole	11.72	167	330717	33.229	ng	98
73) Di-n-butylphthalate	12.02	149	369429	31.507	ng	99
74) Fluoranthene	12.70	202	382881	33.354	ng	96
76) Benzidine	12.82	184	149797	35.343	ng	97
77) Pyrene	12.94	202	376411	38.356	ng	99
79) Butylbenzylphthalate	13.53	149	125914	31.206	ng #	92
80) Benzo(a)anthracene	14.12	228	311186	34.309	ng	99
81) 3,3'-Dichlorobenzidine	14.08	252	97462	30.574	ng #	97
82) Chrysene	14.17	228	297315	35.630	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	156189	30.278	ng	98
84) Di-n-octyl phthalate	14.71	149	272212	32.373	ng	96
85) Indeno(1,2,3-cd)pyrene	17.26	276	396072	55.932	ng #	90
87) Benzo(b)fluoranthene	15.21	252	324752	31.918	ng #	97
88) Benzo(k)fluoranthene	15.25	252	300049	30.968	ng #	94
89) Benzo(a)pyrene	15.61	252	318170	35.177	ng #	97
90) Dibenzo(a,h)anthracene	17.27	278	331599	43.259	ng #	93
91) Benzo(g,h,i)perylene	17.74	276	342019	45.649	ng #	90

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

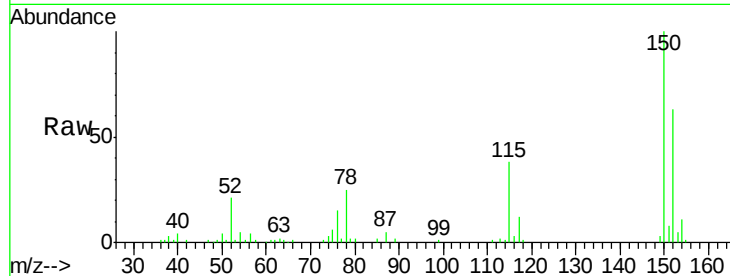


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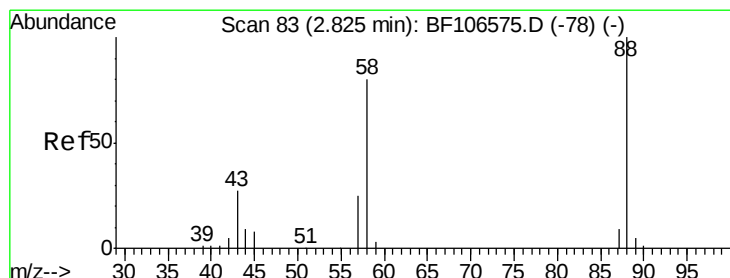
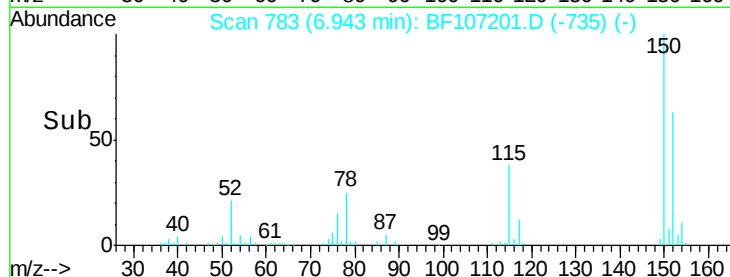
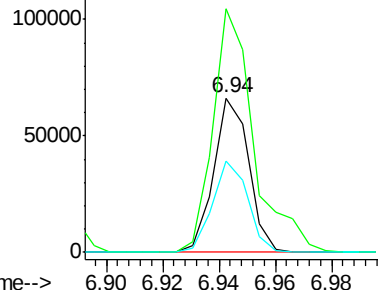
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MS

Tgt Ion:152 Resp: 56965
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 59.4 50.1 75.1



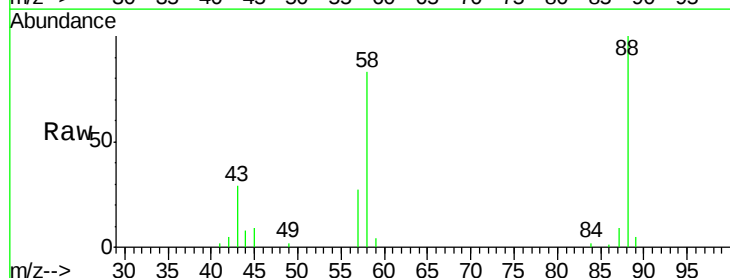
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



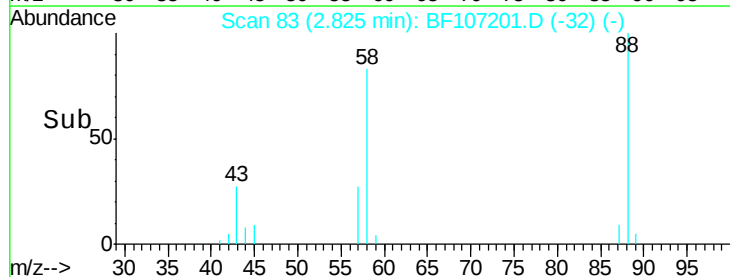
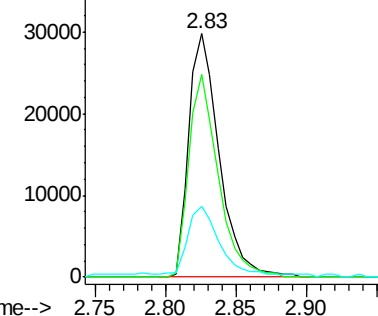
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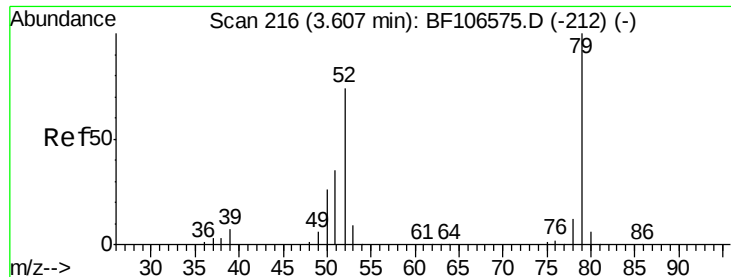
1,4-Dioxane
Concen: 25.855 ng
RT: 2.83 min Scan# 83
Delta R.T. 0.00 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

Tgt Ion: 88 Resp: 44717
Ion Ratio Lower Upper
88 100
58 80.4 62.6 93.8
43 31.5 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

Pyridine

Concen: 28.348 ng

RT: 3.61 min Scan# 217

Delta R.T. 0.01 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72MS

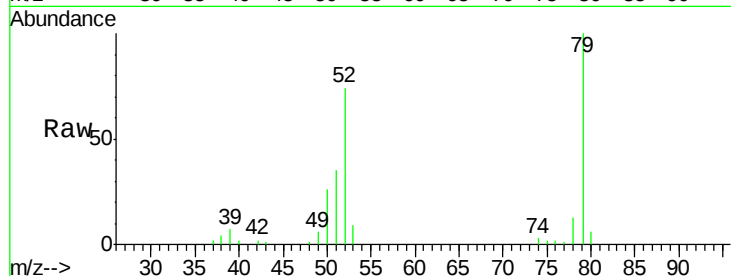
Tgt Ion: 79 Resp: 132969

Ion Ratio Lower Upper

79 100

52 74.0 59.8 89.6

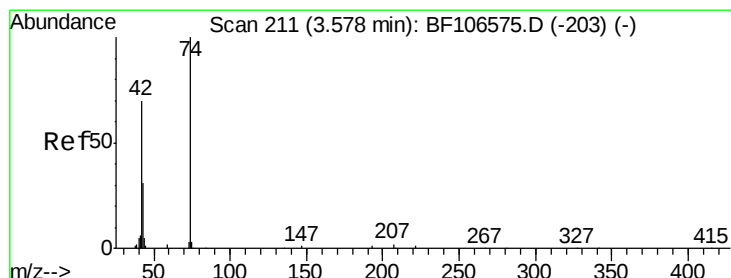
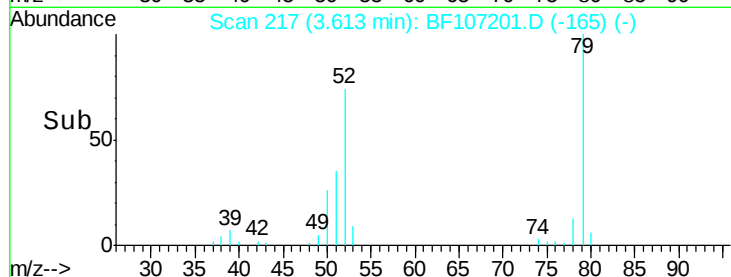
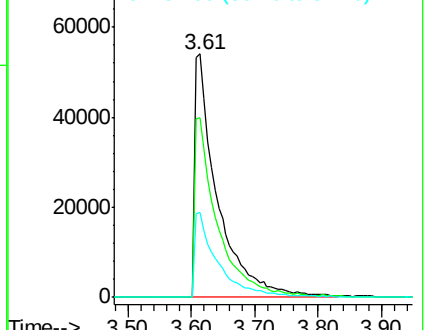
51 34.6 29.8 44.8



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: 27.865 ng

RT: 3.57 min Scan# 210

Delta R.T. -0.02 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

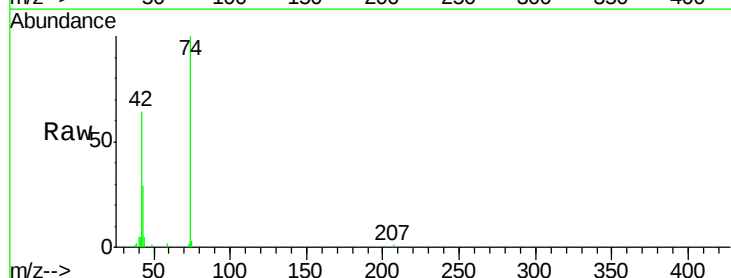
Tgt Ion: 42 Resp: 55512

Ion Ratio Lower Upper

42 100

74 157.5 104.9 157.3#

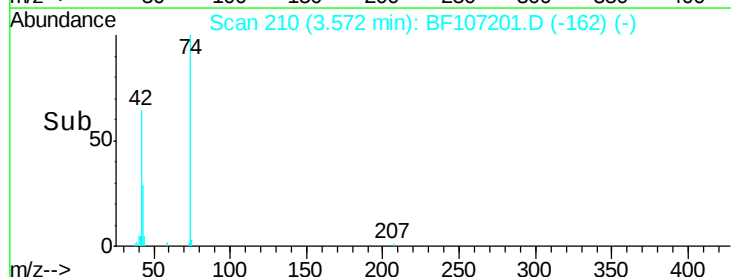
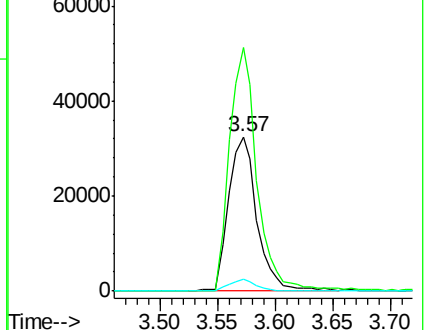
44 7.4 6.9 10.3



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: 96.028 ng

RT: 5.59 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

Instrument :

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ClientSampleId :

ZER-SB-03-11-72MS

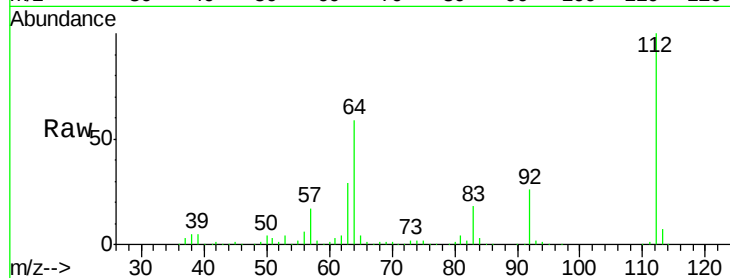
Tgt Ion: 112 Resp: 323050

Ion Ratio Lower Upper

112 100

64 59.4 47.9 71.9

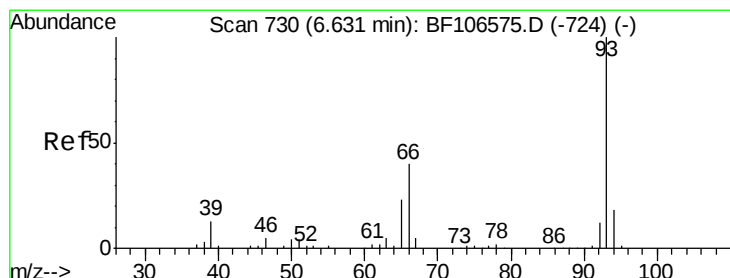
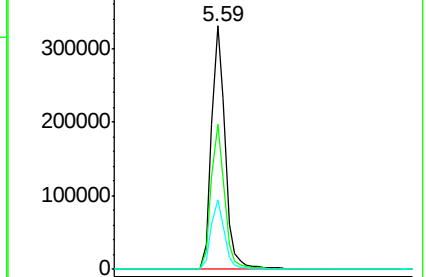
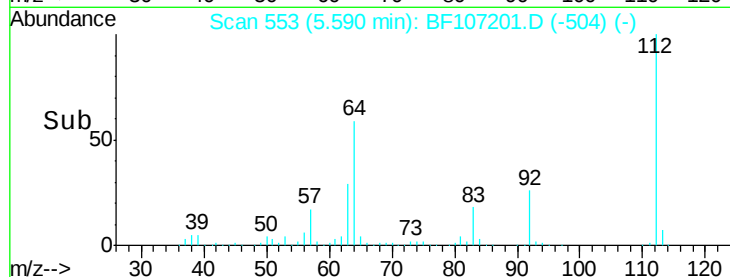
63 28.6 23.7 35.5



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: 28.608 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

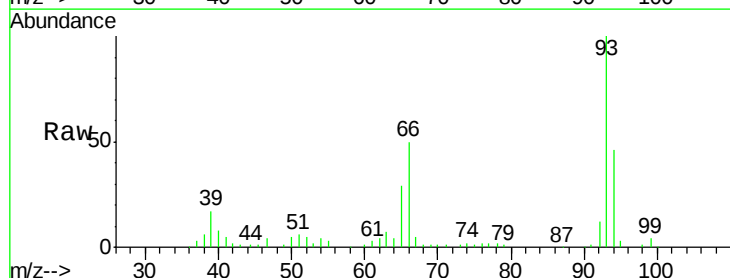
Tgt Ion: 93 Resp: 163028

Ion Ratio Lower Upper

93 100

66 50.3 32.2 48.2#

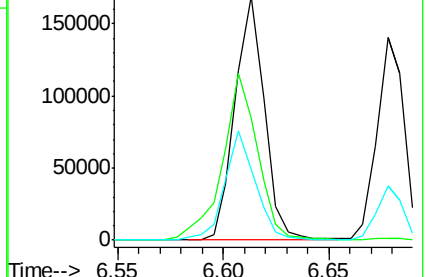
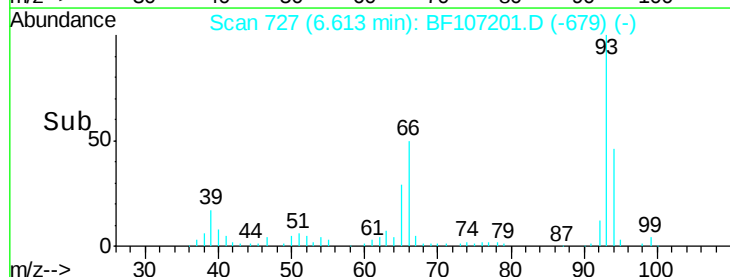
65 29.3 16.4 24.6#

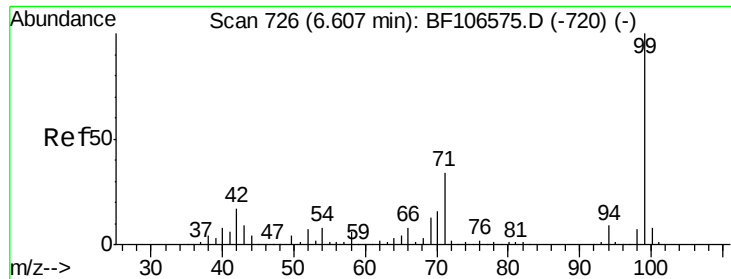


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 96.015 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

Instrument :

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ClientSampleId :

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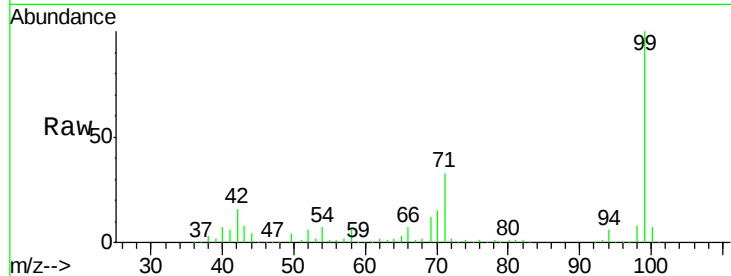
Tgt Ion: 99 Resp: 403370

Ion Ratio Lower Upper

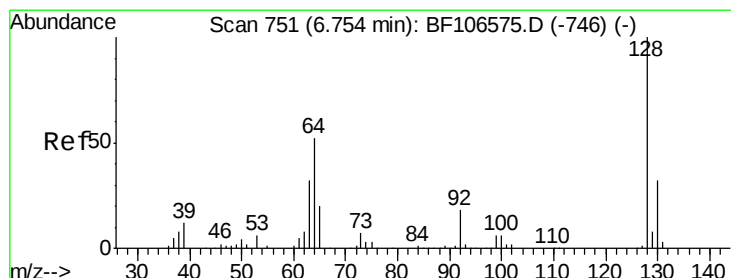
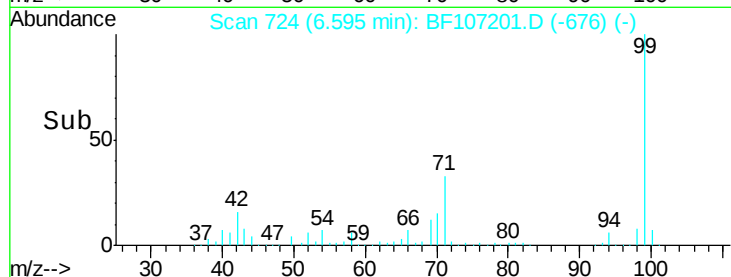
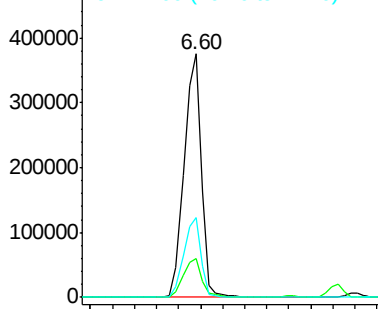
99 100

42 15.9 14.5 21.7

71 32.8 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: 34.879 ng

RT: 6.74 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

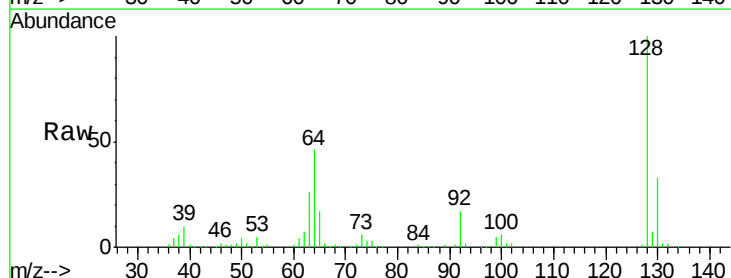
Tgt Ion: 128 Resp: 128696

Ion Ratio Lower Upper

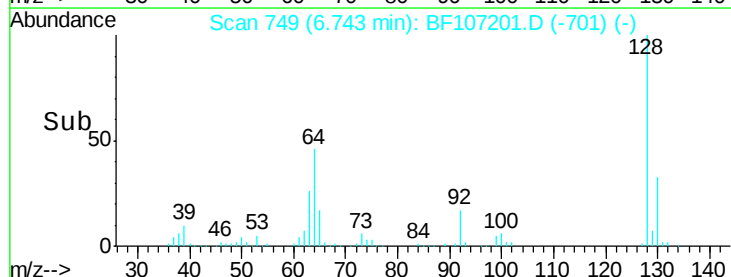
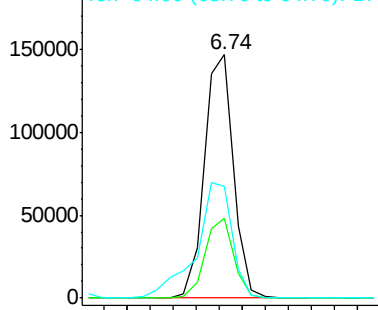
128 100

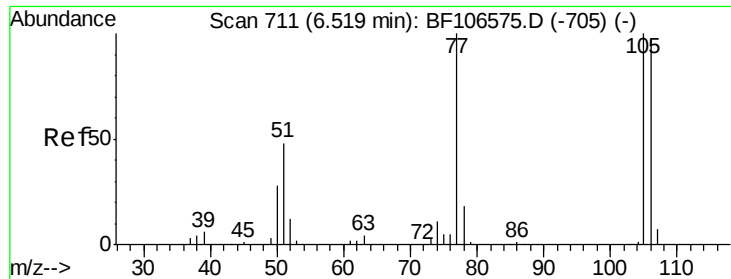
130 32.8 13.0 53.0

64 46.1 29.4 69.4



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





#9

Benzaldehyde

Concen: 20.112 ng

RT: 6.50 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72MS

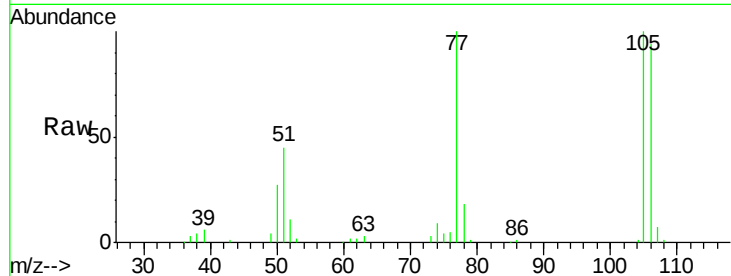
Tgt Ion: 77 Resp: 65823

Ion Ratio Lower Upper

77 100

105 100.2 81.1 121.1

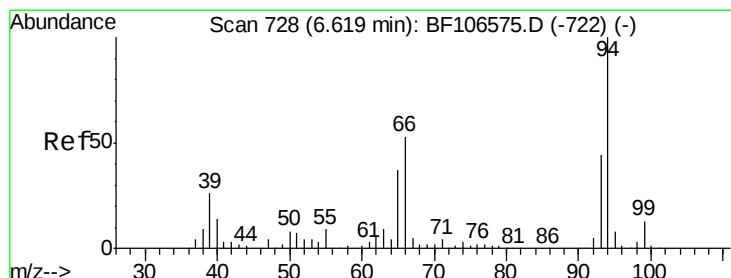
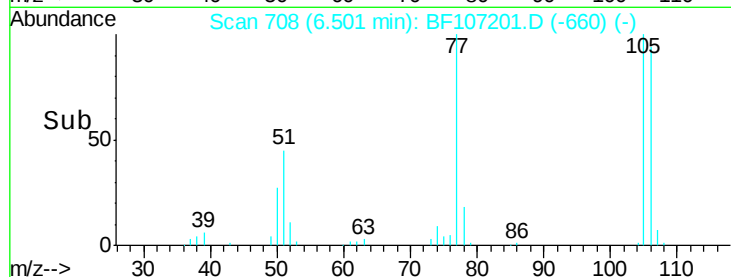
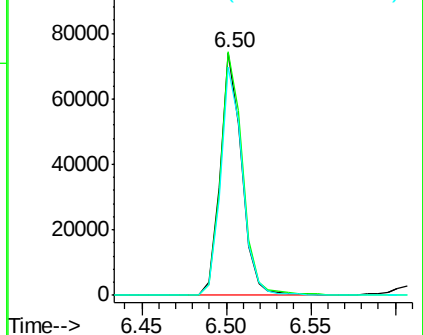
106 93.9 74.5 114.5



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: 34.435 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

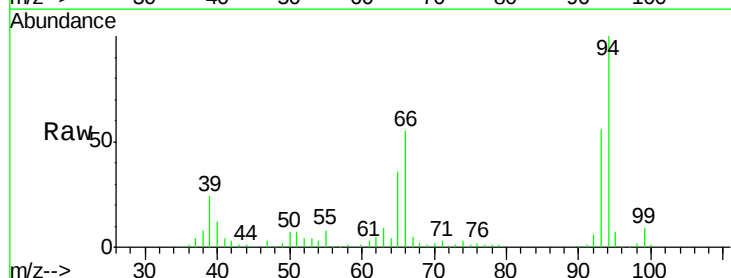
Tgt Ion: 94 Resp: 165099

Ion Ratio Lower Upper

94 100

65 36.5 7.9 47.9

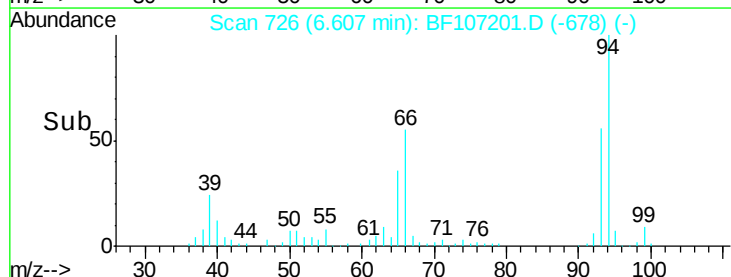
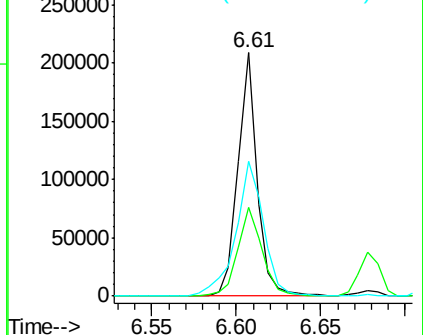
66 55.3 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

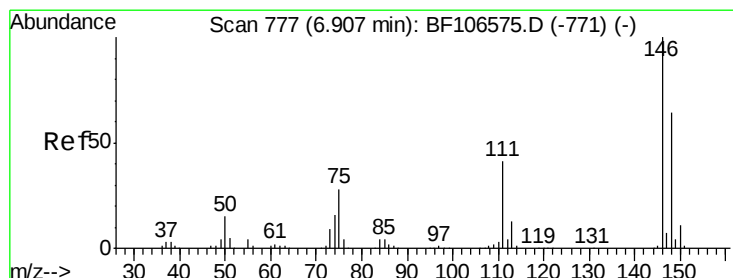
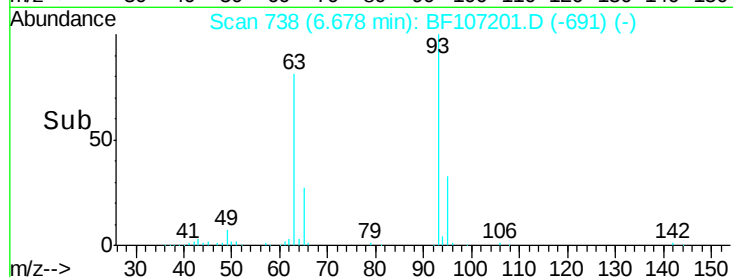
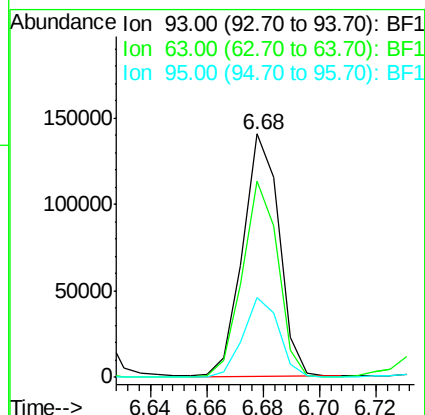
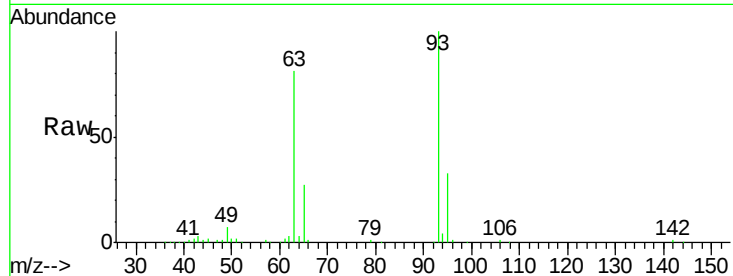




#11
bis(2-Chloroethyl)ether
Concen: 31.762 ng
RT: 6.68 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

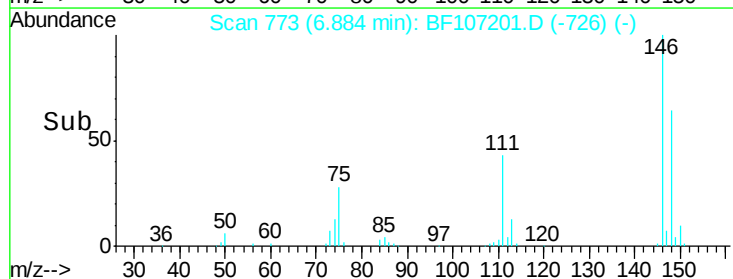
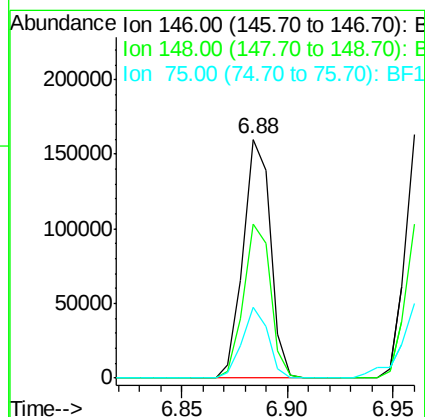
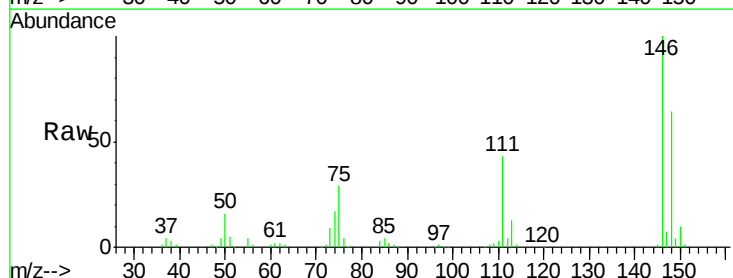
Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MS

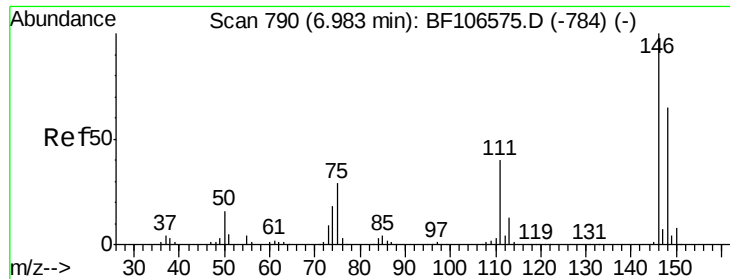
Tgt Ion: 93 Resp: 125716
Ion Ratio Lower Upper
93 100
63 80.8 58.6 98.6
95 32.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 33.171 ng
RT: 6.88 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

Tgt Ion: 146 Resp: 143353
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
75 29.5 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 33.105 ng

RT: 6.96 min Scan# 786

Delta R.T. -0.02 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72MS

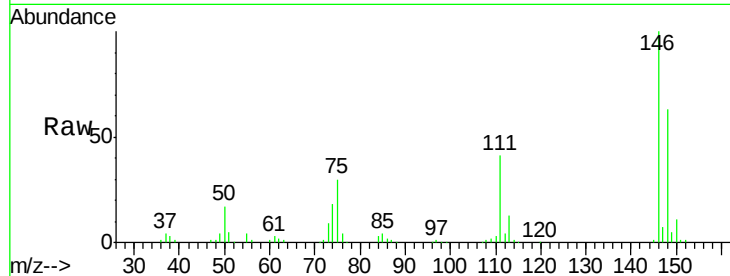
Tgt Ion:146 Resp: 144642

Ion Ratio Lower Upper

146 100

148 63.3 50.8 76.2

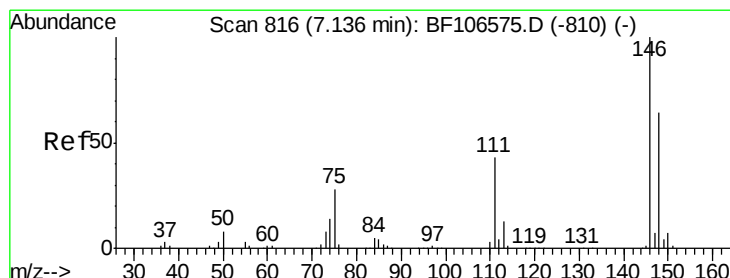
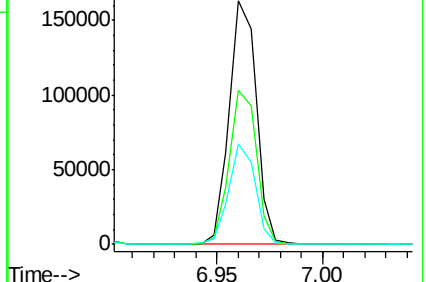
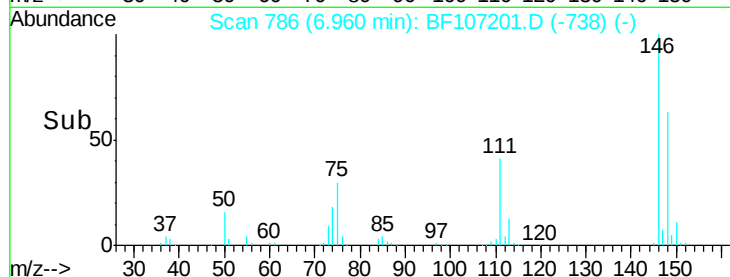
111 41.0 34.2 51.2



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: 34.102 ng

RT: 7.11 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

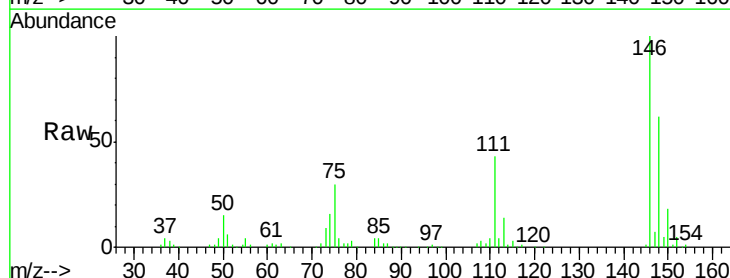
Tgt Ion:146 Resp: 136548

Ion Ratio Lower Upper

146 100

148 62.2 50.6 75.8

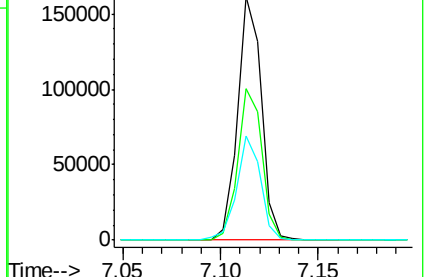
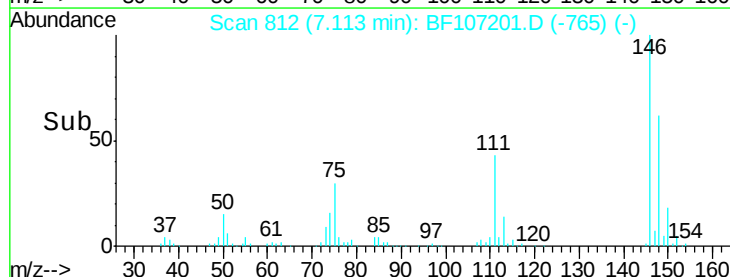
111 42.7 36.0 54.0

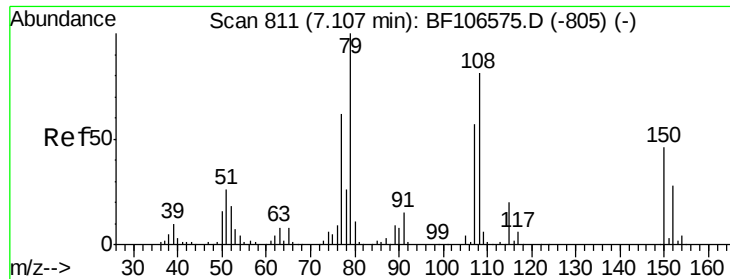


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.742 ng

RT: 7.09 min Scan# 808

Delta R.T. -0.02 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72MS

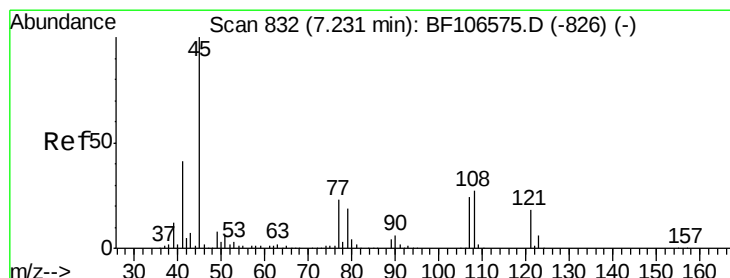
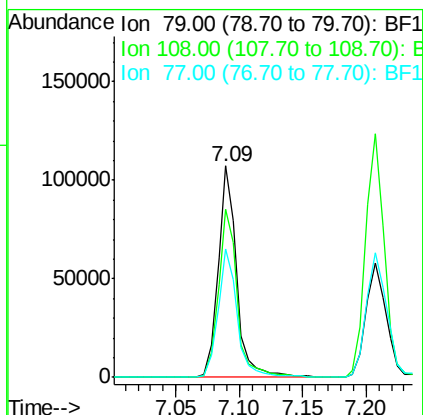
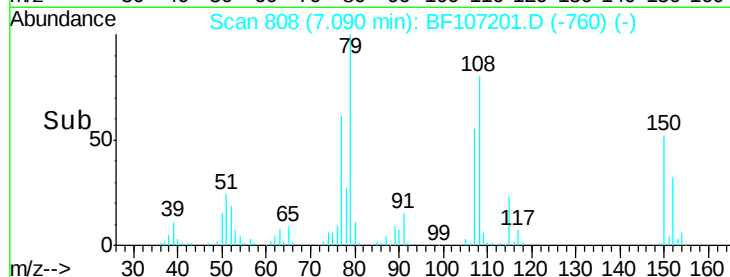
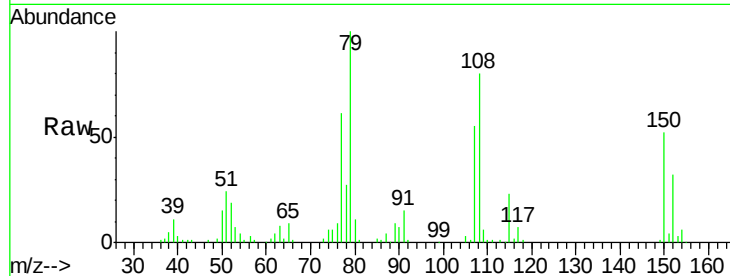
Tgt Ion: 79 Resp: 110450

Ion Ratio Lower Upper

79 100

108 79.8 65.1 97.7

77 60.7 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.570 ng

RT: 7.21 min Scan# 829

Delta R.T. -0.02 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

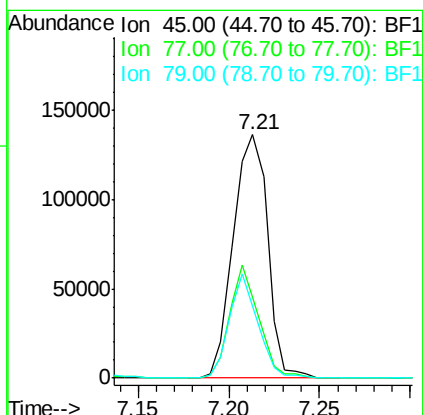
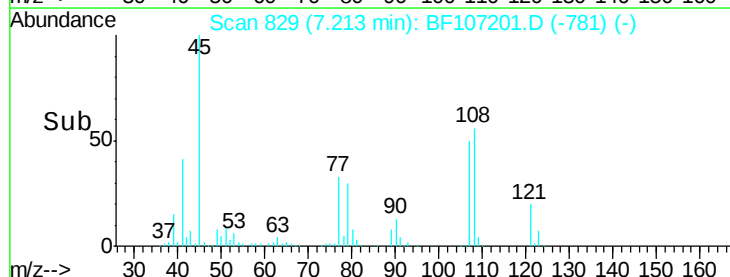
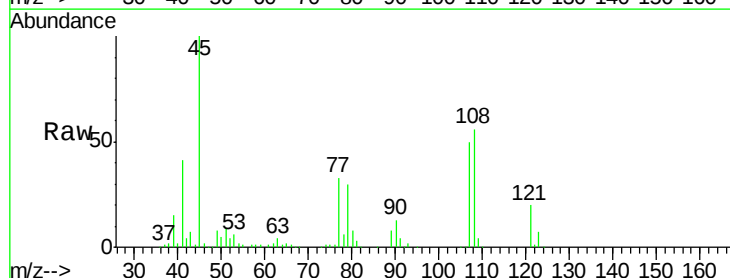
Tgt Ion: 45 Resp: 179529

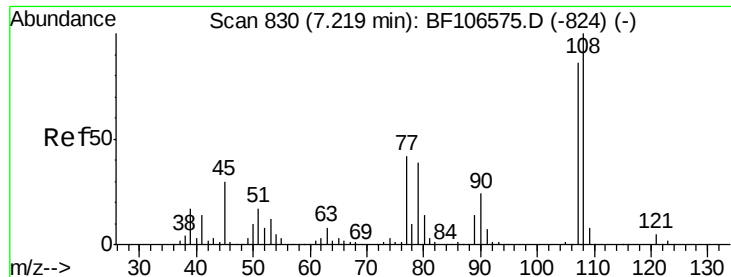
Ion Ratio Lower Upper

45 100

77 33.4 0.0 32.9#

79 29.8 0.0 29.6#

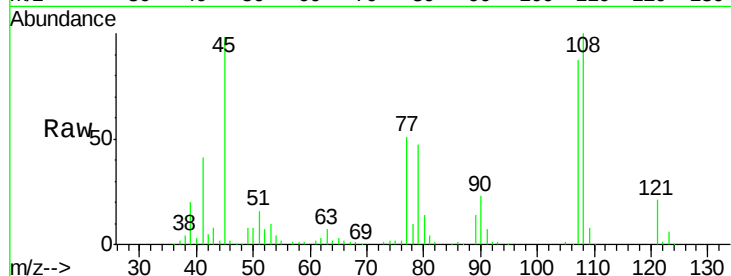




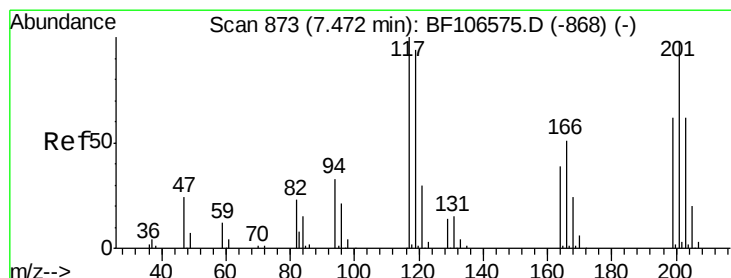
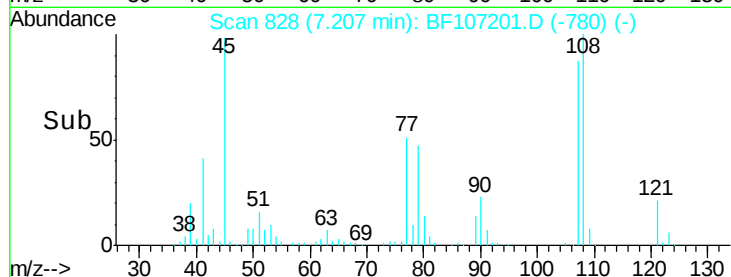
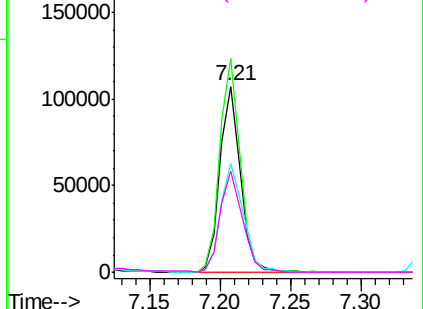
#17
2-Methylphenol
Concen: 34.770 ng
RT: 7.21 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MS

Tgt Ion:107 Resp: 109791
Ion Ratio Lower Upper
107 100
108 114.8 91.7 137.5
77 58.5 33.8 50.8#
79 54.0 33.8 50.8#

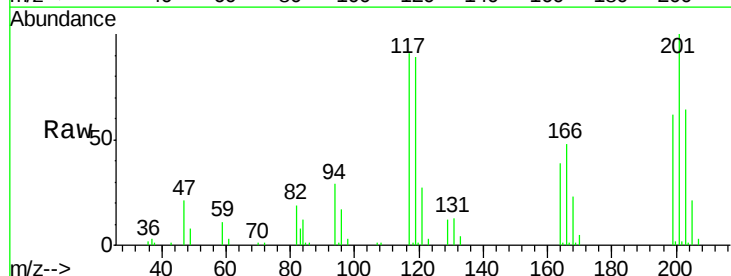


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

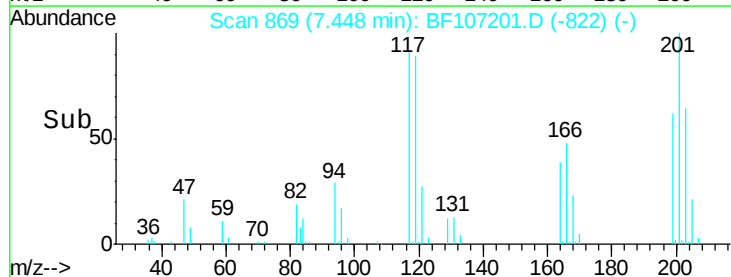
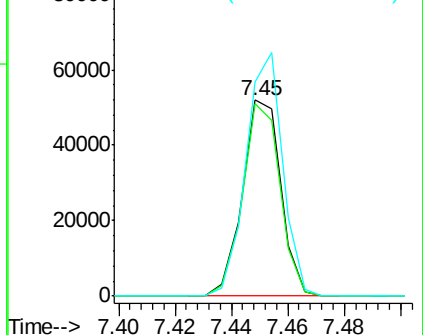


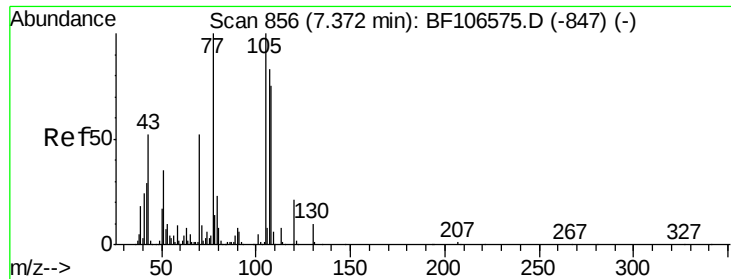
#18
Hexachloroethane
Concen: 31.742 ng
RT: 7.45 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

Tgt Ion:117 Resp: 48770
Ion Ratio Lower Upper
117 100
119 98.0 75.8 113.8
201 109.5 75.7 113.5



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

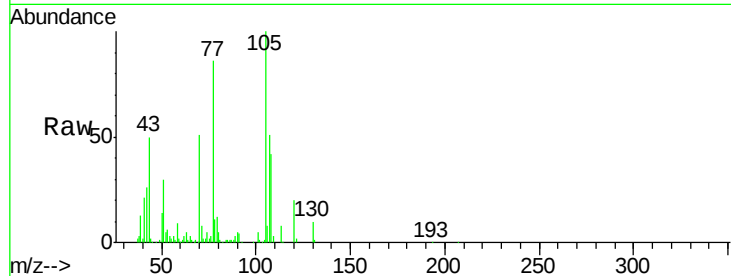




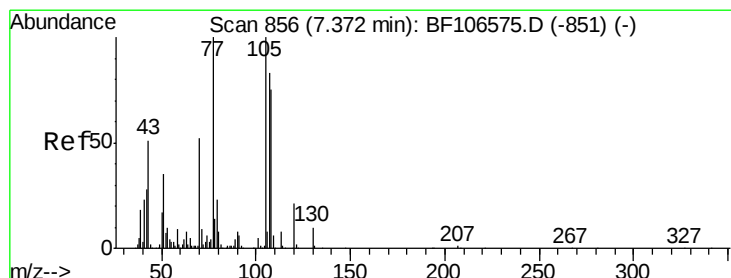
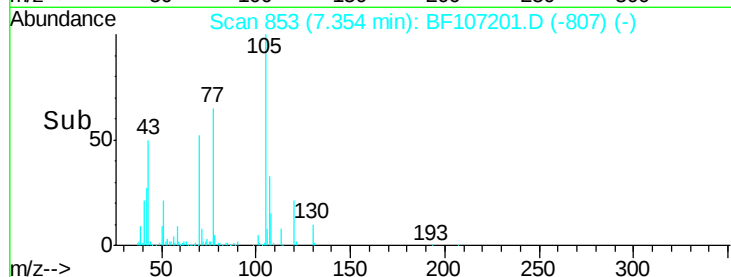
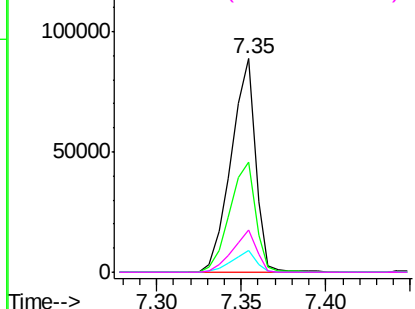
#19
n-Nitroso-di-n-propylamine
Concen: 32.248 ng
RT: 7.35 min Scan# 853
Delta R.T. -0.03 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MS

Tgt Ion:	70	Resp:	89303
Ion	Ratio	Lower	Upper
70	100		
42	51.3	47.5	71.3
101	10.3	7.4	11.2
130	19.9	16.6	25.0

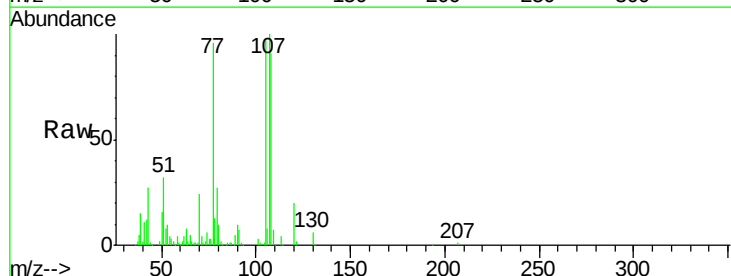


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

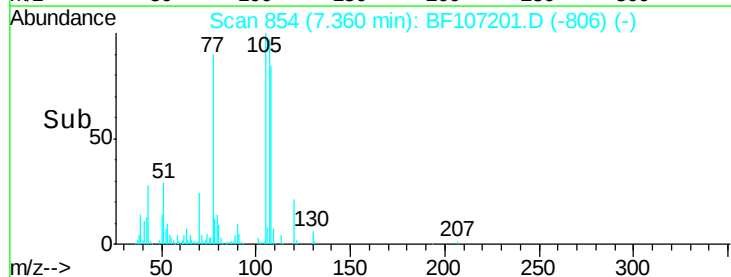
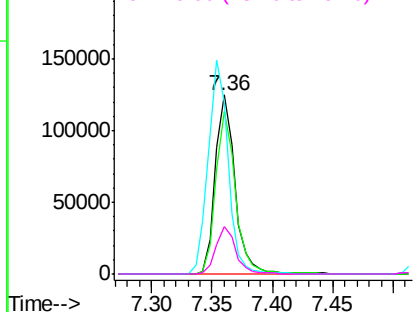


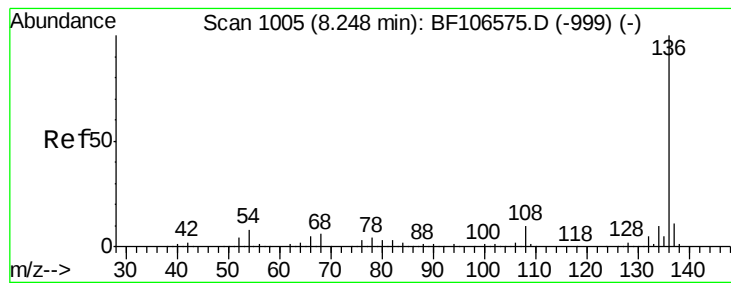
#20
3+4-Methylphenols
Concen: 39.953 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

Tgt Ion:	107	Resp:	140525
Ion	Ratio	Lower	Upper
107	100		
108	91.2	68.2	108.2
77	96.3	26.7	66.7#
79	26.9	6.3	46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72MS

Tgt Ion:136 Resp: 220658

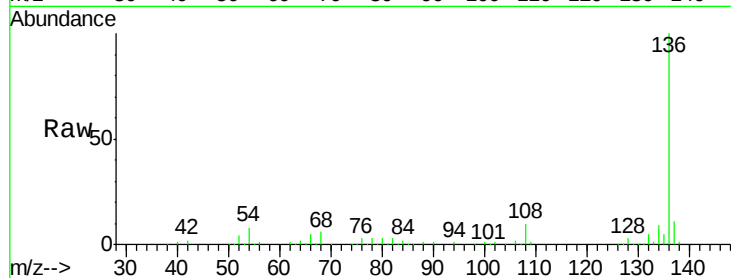
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.5 6.6 9.8

68 6.2 5.0 7.4

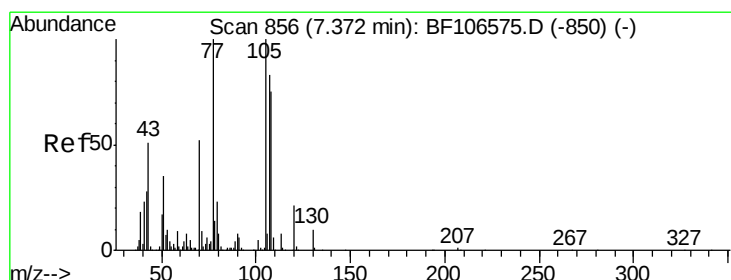
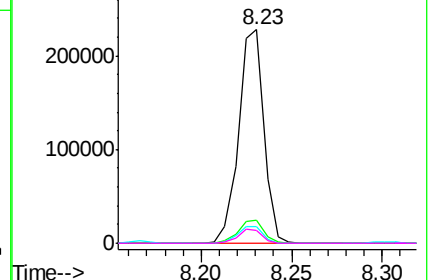
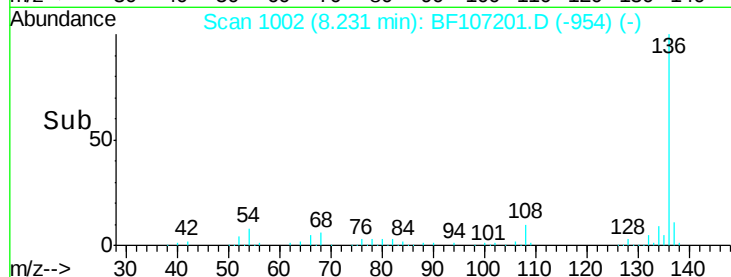


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.666 ng

RT: 7.35 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

Tgt Ion:105 Resp: 176069

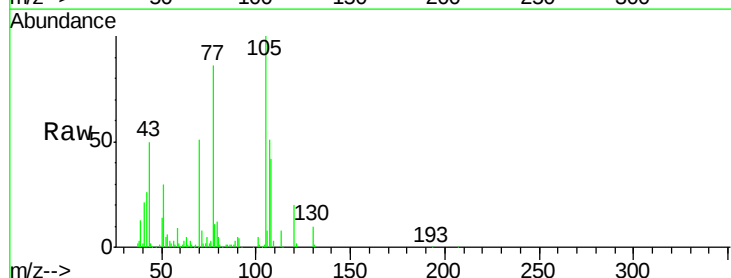
Ion Ratio Lower Upper

105 100

71 8.1 4.4 6.6#

51 29.6 22.3 33.5

120 20.5 16.9 25.3

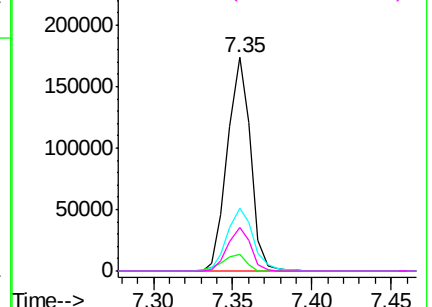
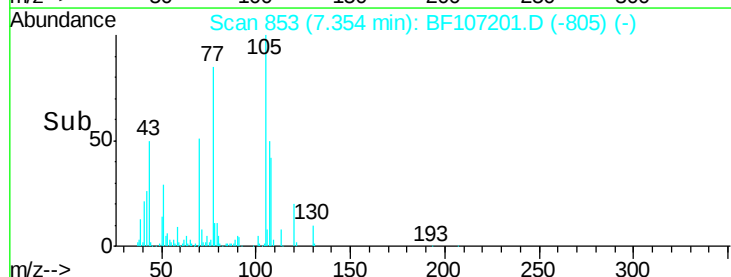


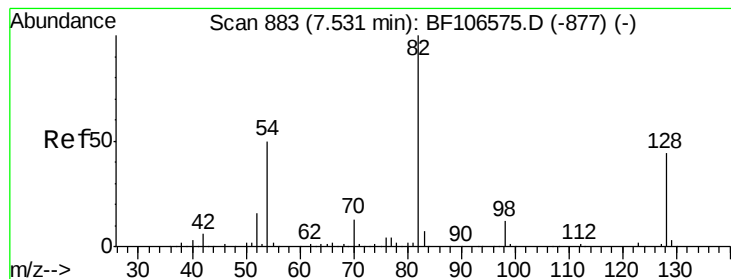
Abundance Ion 105.00 (104.70 to 105.70): E

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: 63.840 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72MS

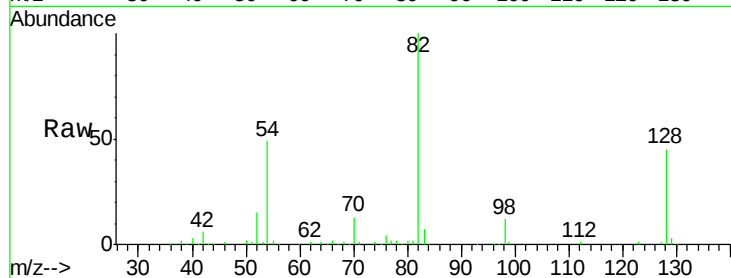
Tgt Ion: 82 Resp: 253479

Ion Ratio Lower Upper

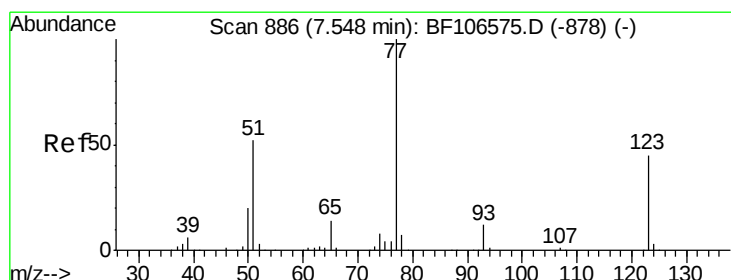
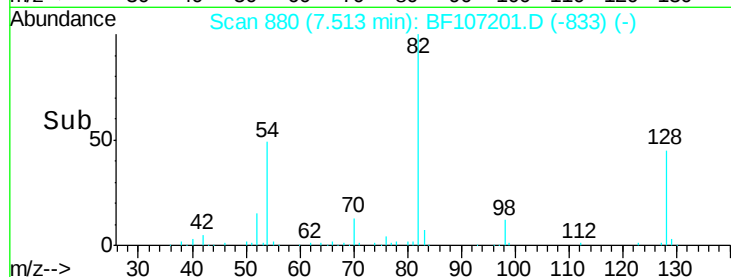
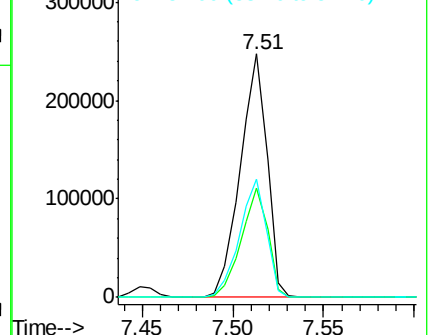
82 100

128 45.0 36.1 54.1

54 48.6 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: 34.186 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

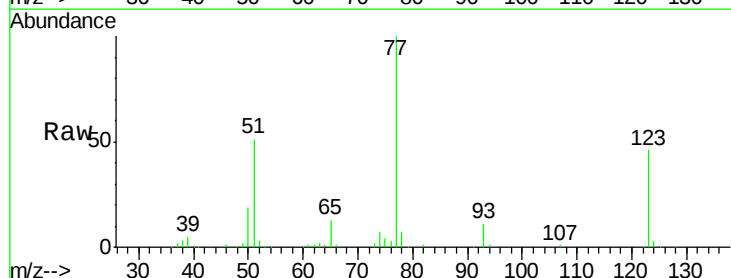
Tgt Ion: 77 Resp: 138584

Ion Ratio Lower Upper

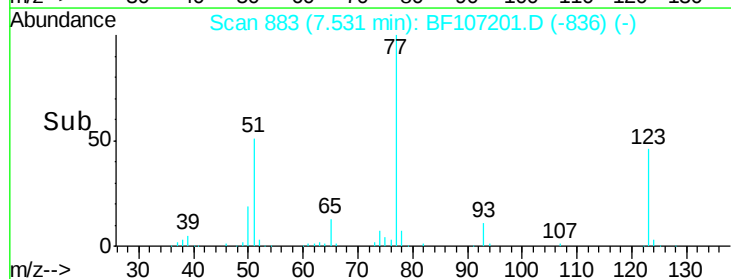
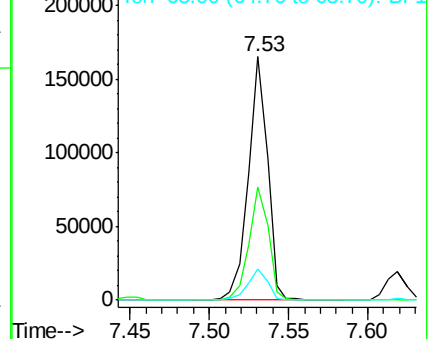
77 100

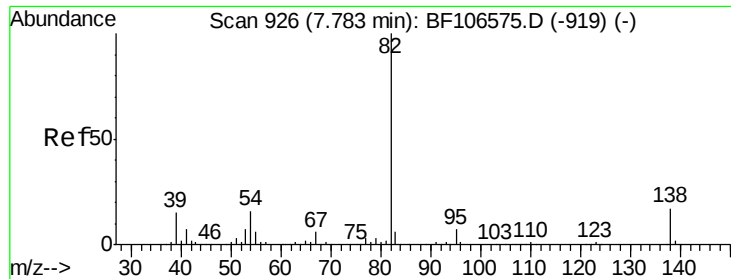
123 46.2 37.9 56.9

65 13.0 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: 36.321 ng

RT: 7.77 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72MS

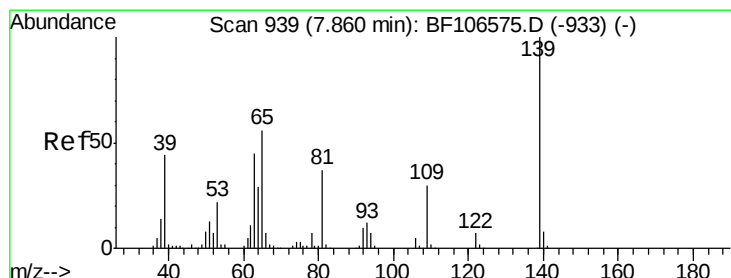
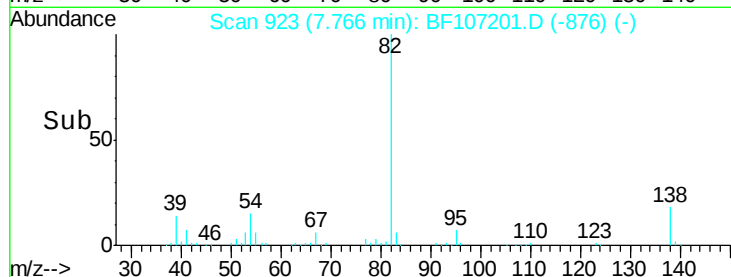
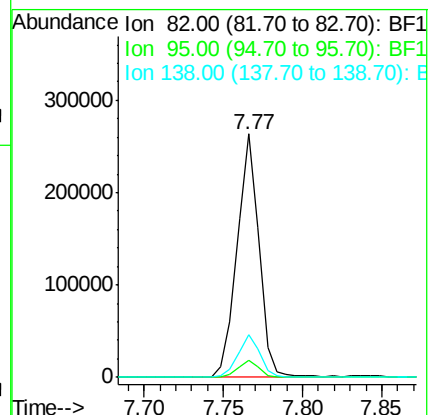
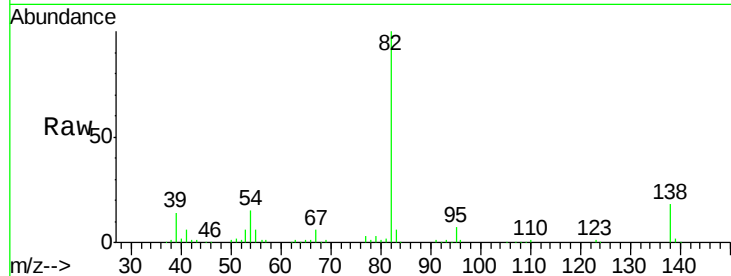
Tgt Ion: 82 Resp: 254127

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 17.7 14.9 22.3



#26

2-Nitrophenol

Concen: 37.568 ng

RT: 7.85 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

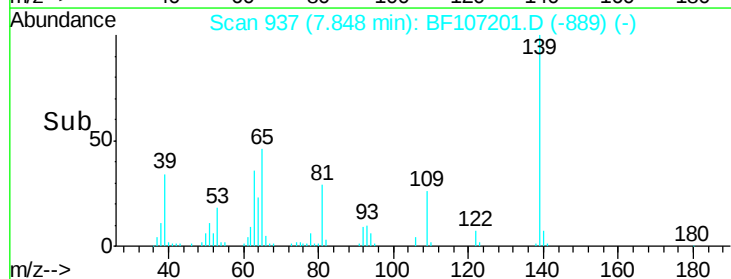
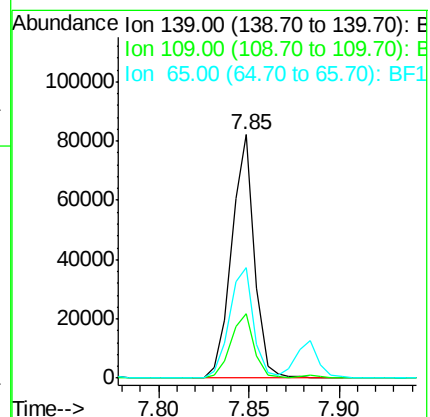
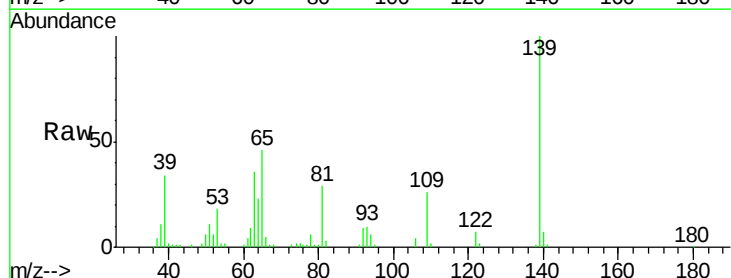
Tgt Ion: 139 Resp: 71892

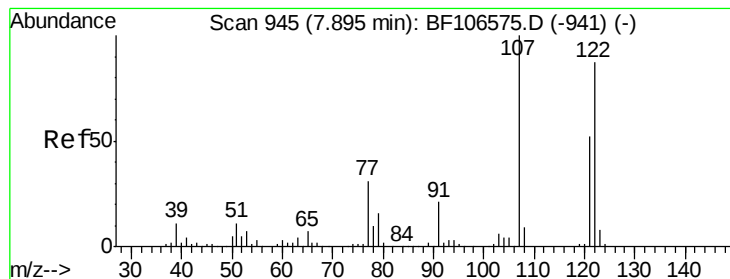
Ion Ratio Lower Upper

139 100

109 26.5 22.7 34.1

65 45.5 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 39.448 ng

RT: 7.88 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72MS

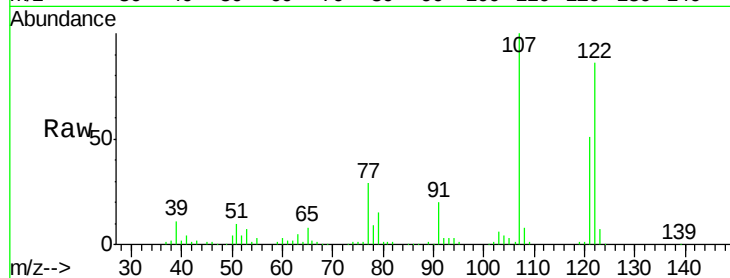
Tgt Ion: 122 Resp: 116682

Ion Ratio Lower Upper

122 100

107 116.5 91.2 136.8

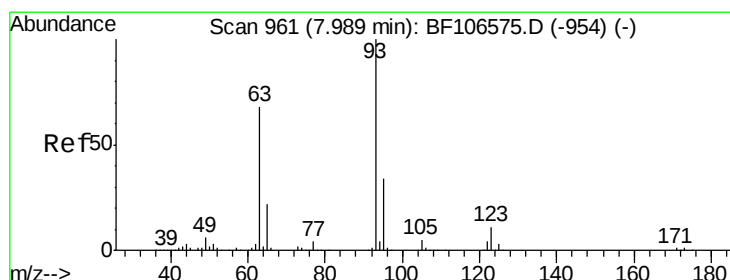
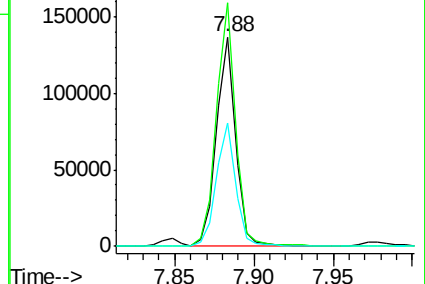
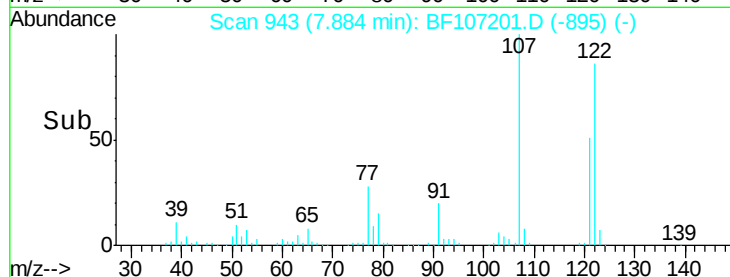
121 58.9 47.2 70.8



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: 34.657 ng

RT: 7.97 min Scan# 957

Delta R.T. -0.02 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

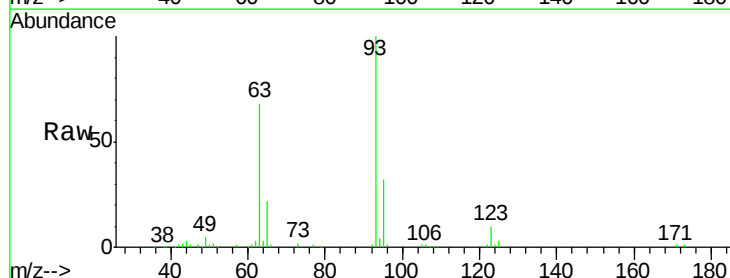
Tgt Ion: 93 Resp: 162808

Ion Ratio Lower Upper

93 100

95 32.0 26.3 39.5

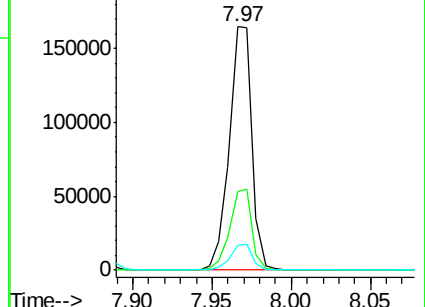
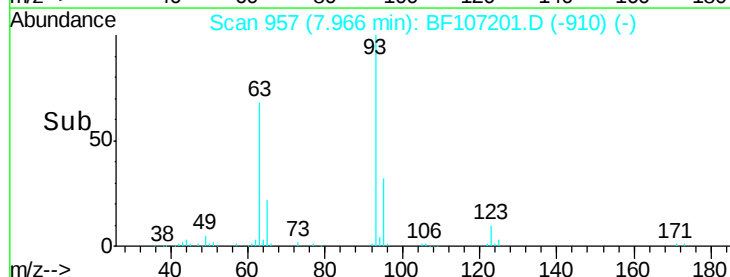
123 10.0 9.8 14.6

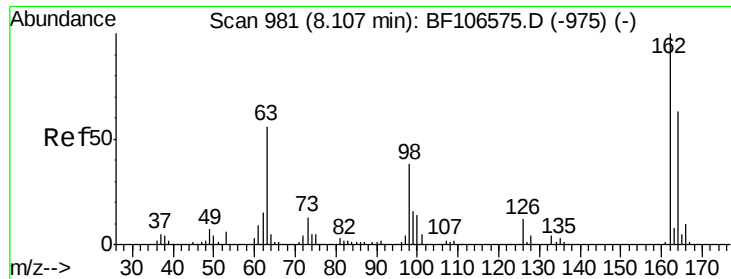


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

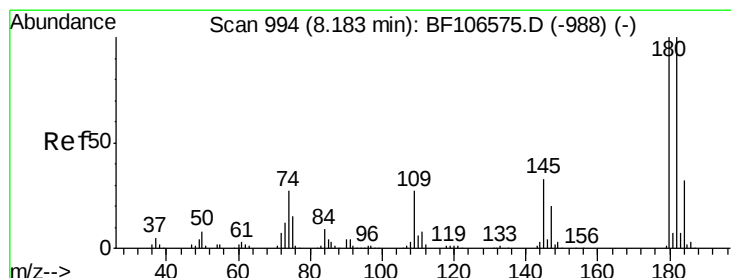
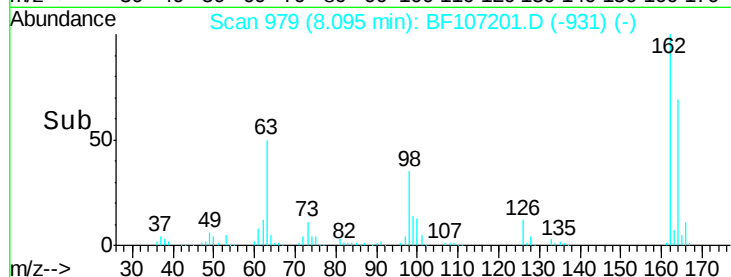
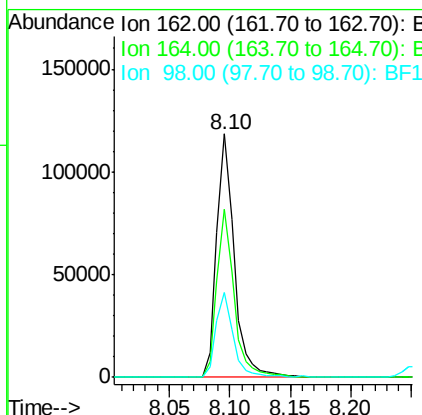
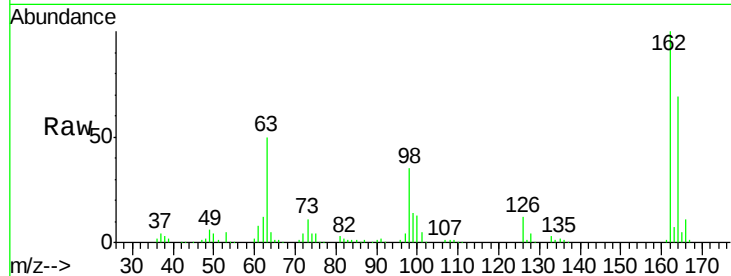




#29
 2,4-Dichlorophenol
 Concen: 38.385 ng
 RT: 8.10 min Scan# 979
 Delta R.T. -0.02 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

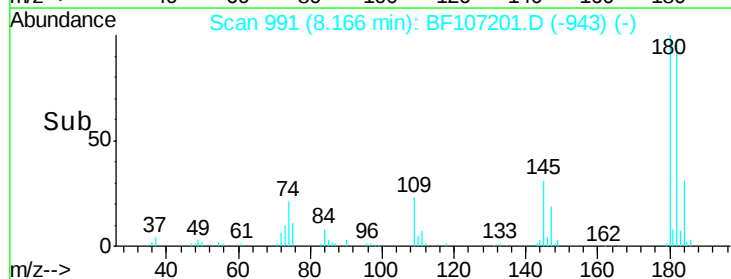
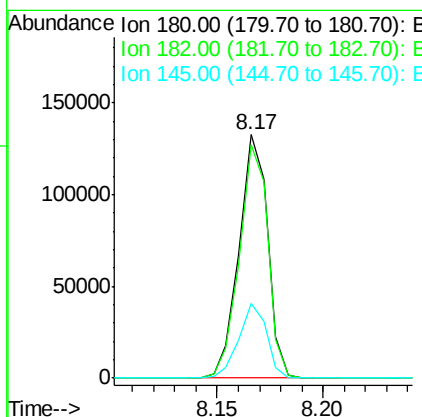
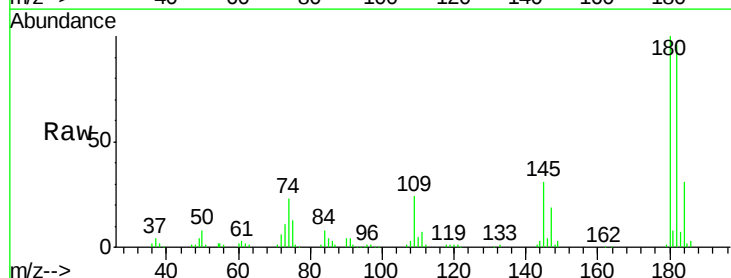
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72MS

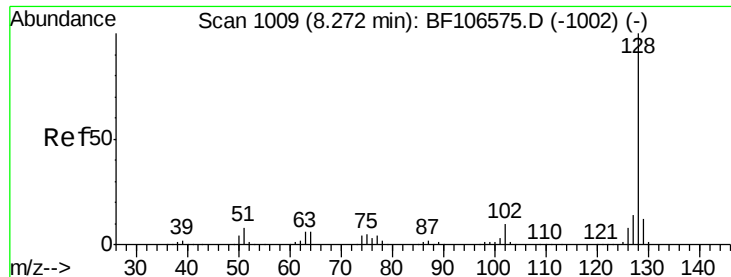
Tgt Ion	Ratio	Lower	Upper
162	100		
164	69.2	42.7	82.7
98	34.8	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 36.512 ng
 RT: 8.17 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.8	115.2
145	30.6	26.5	39.7

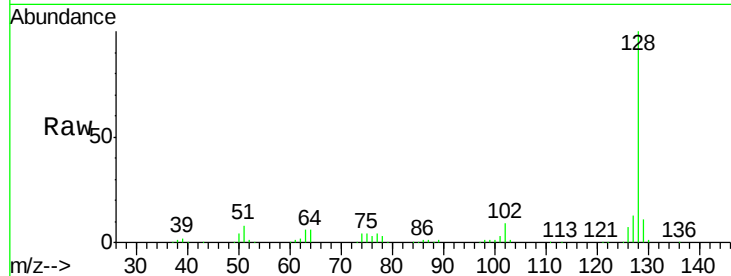




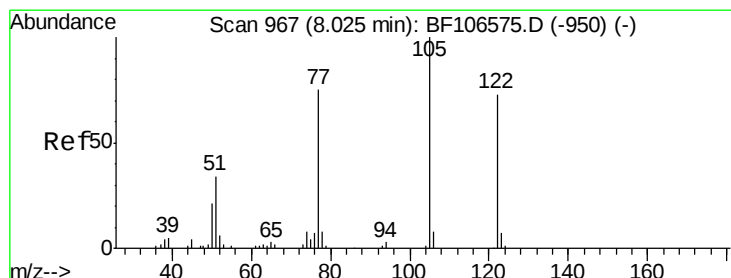
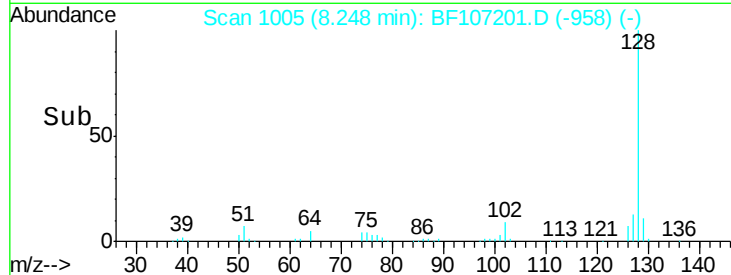
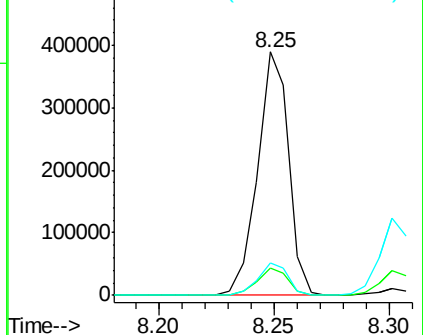
#31
Naphthalene
Concen: 35.363 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MS

Tgt Ion:128 Resp: 364823
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.5 10.9 16.3

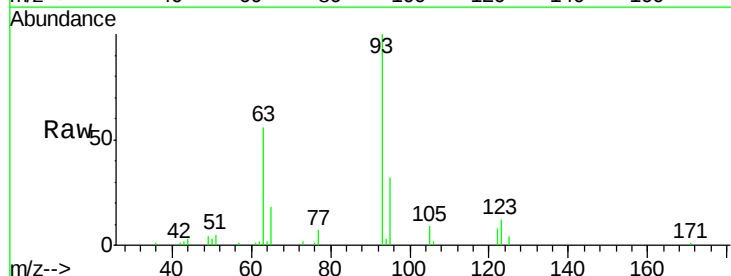


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

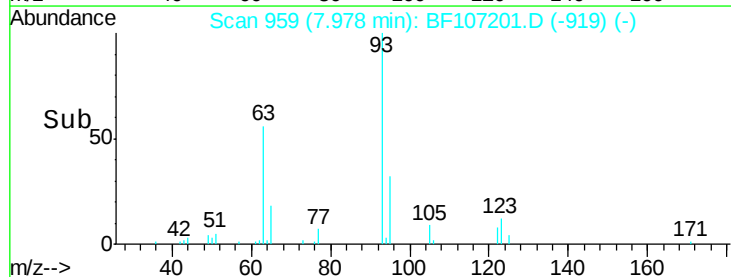
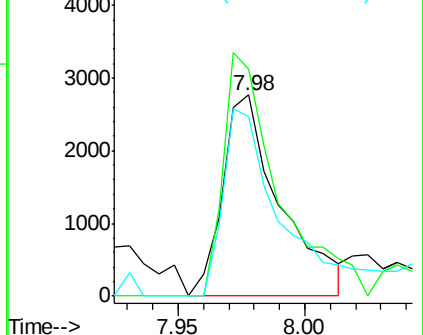


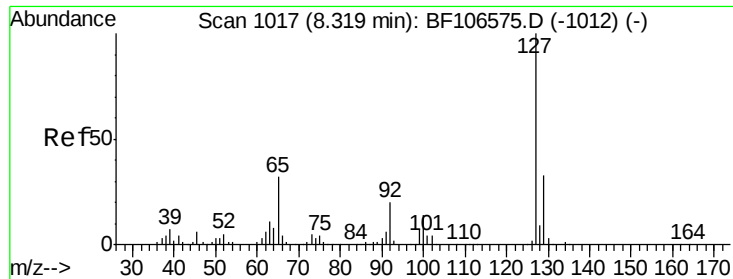
#32
Benzoic acid
Concen: 7.527 ng
RT: 7.98 min Scan# 959
Delta R.T. -0.06 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

Tgt Ion:122 Resp: 4387
Ion Ratio Lower Upper
122 100
105 113.0 101.1 141.1
77 89.6 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

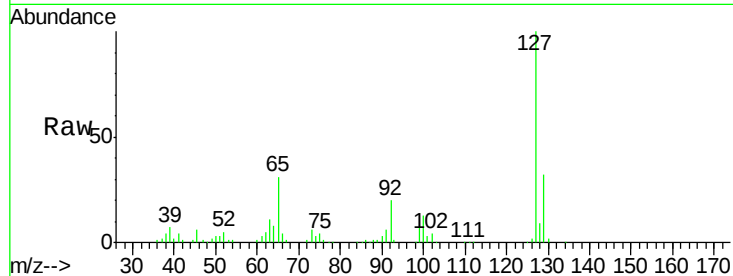




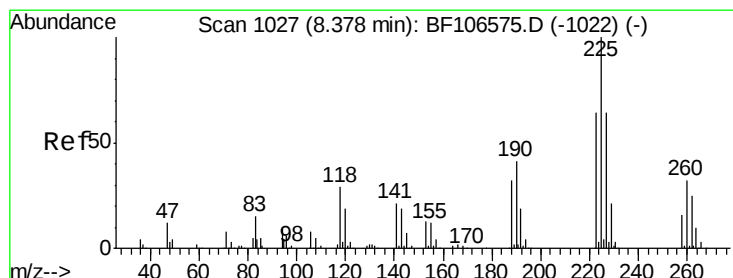
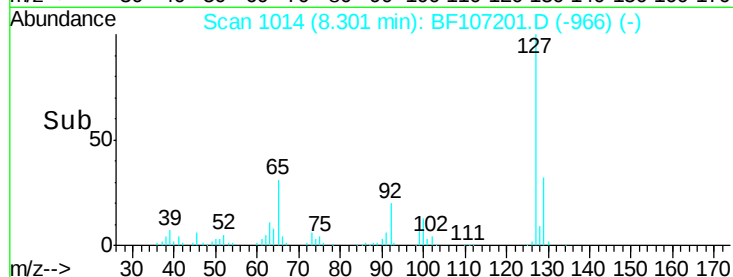
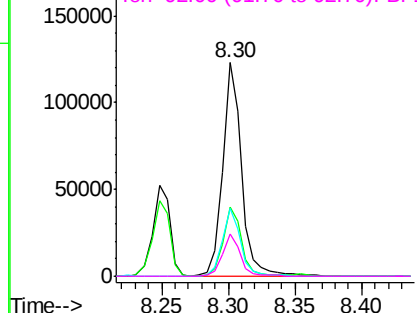
#33
4-Chloroaniline
Concen: 28.402 ng
RT: 8.30 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MS

Tgt Ion:	127	Resp:	122945
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	31.5	25.0	37.4
92	19.6	15.2	22.8

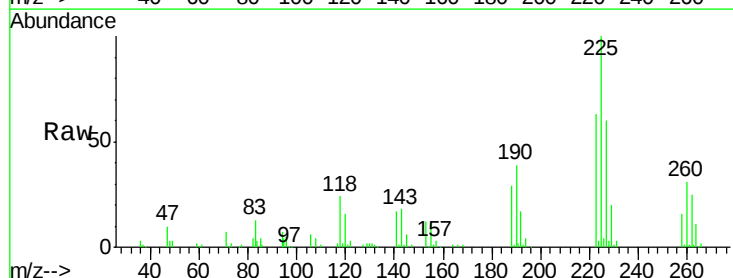


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

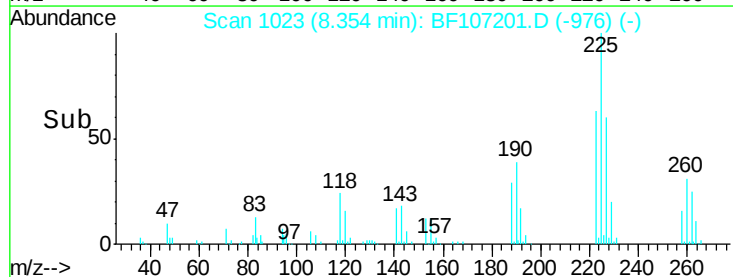
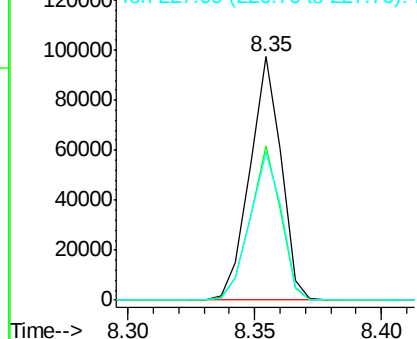


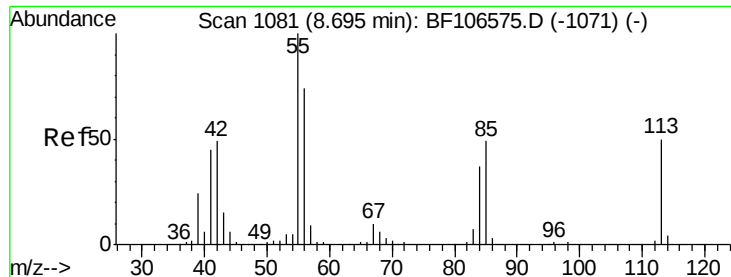
#34
Hexachlorobutadiene
Concen: 37.715 ng
RT: 8.35 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

Tgt Ion:	225	Resp:	83835
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	60.5	51.9	77.9



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

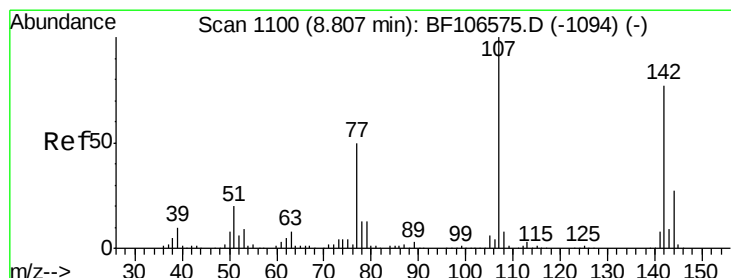
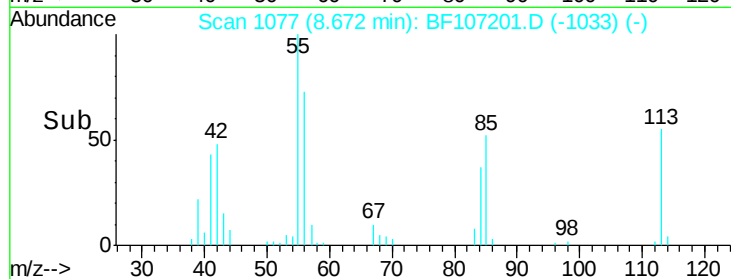
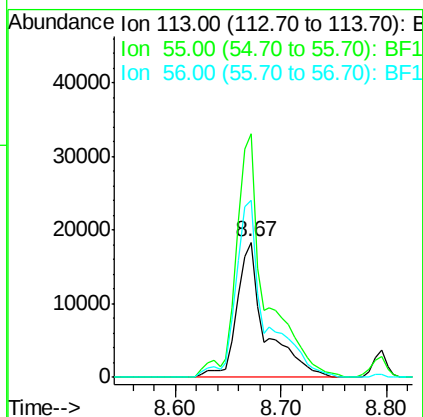
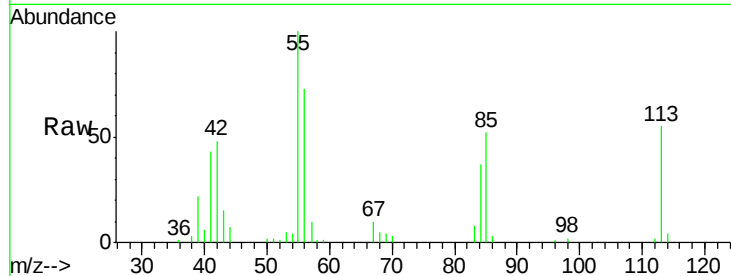




#35
 Caprolactam
 Concen: 34.003 ng
 RT: 8.67 min Scan# 1077
 Delta R.T. -0.04 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

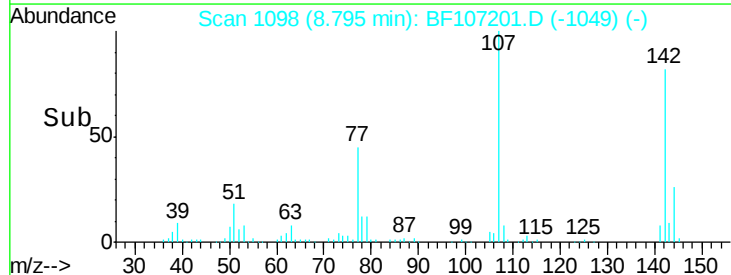
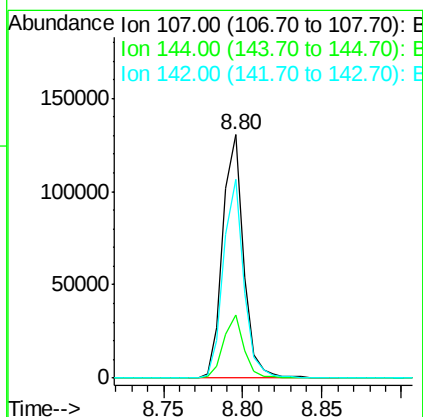
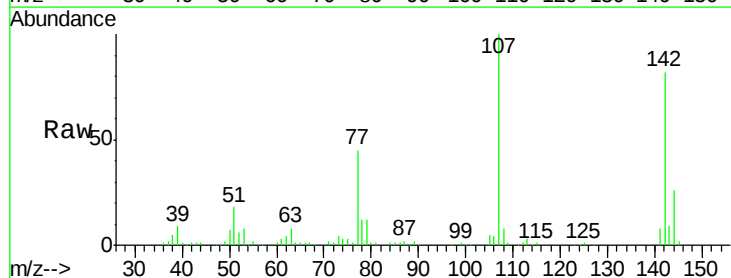
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72MS

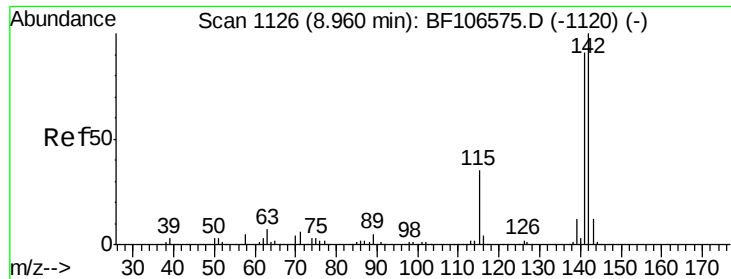
Tgt Ion:113 Resp: 34324
 Ion Ratio Lower Upper
 113 100
 55 180.4 163.3 203.3
 56 131.1 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 36.517 ng
 RT: 8.80 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

Tgt Ion:107 Resp: 119025
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.5 30.7
 142 81.7 62.0 93.0

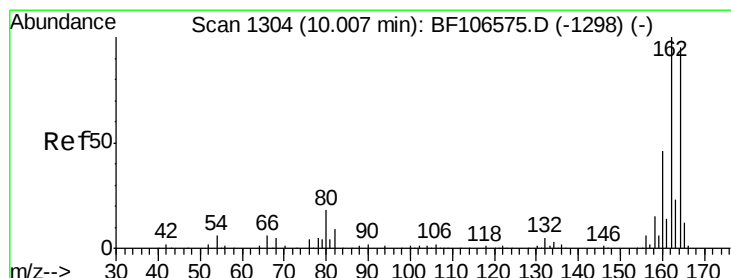
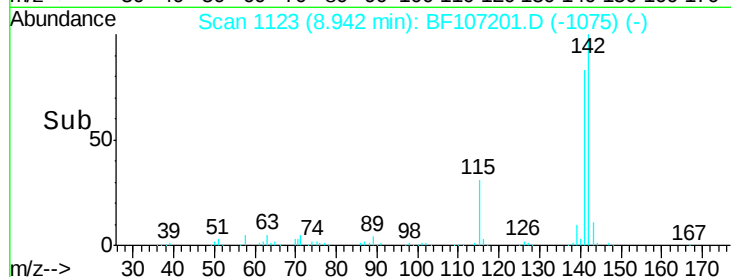
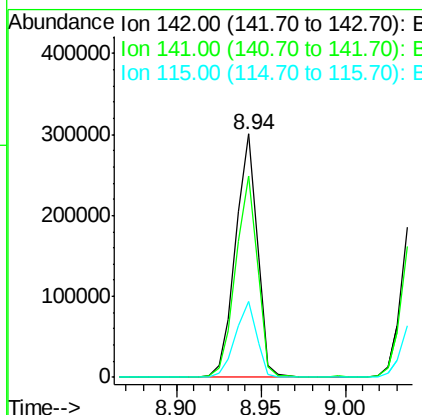
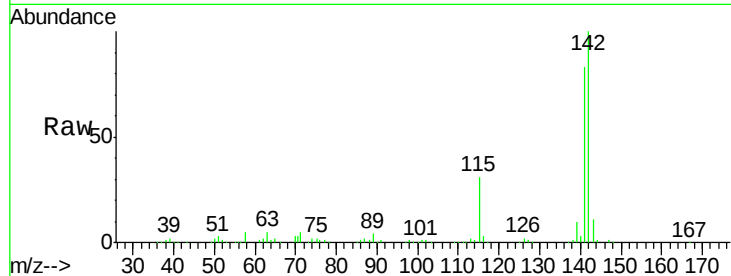




#37
 2-Methylnaphthalene
 Concen: 39.303 ng
 RT: 8.94 min Scan# 1123
 Delta R.T. -0.02 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

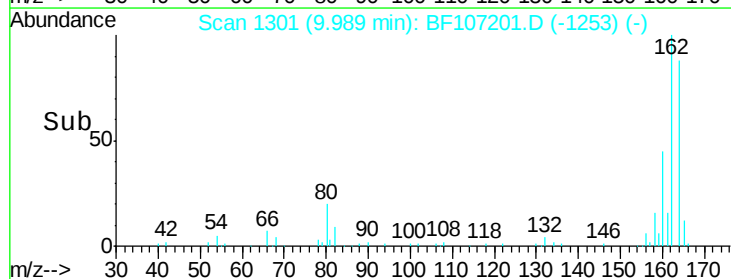
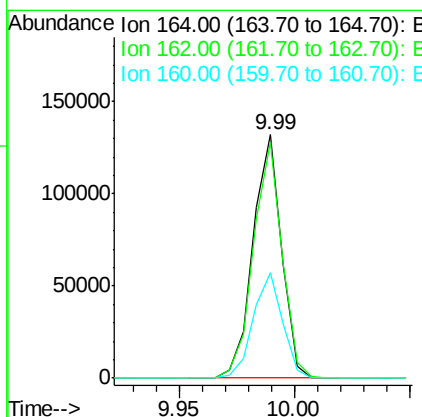
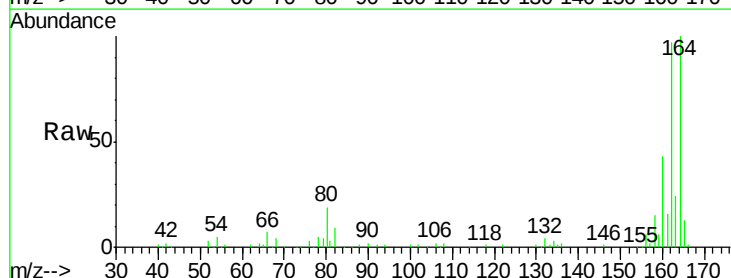
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72MS

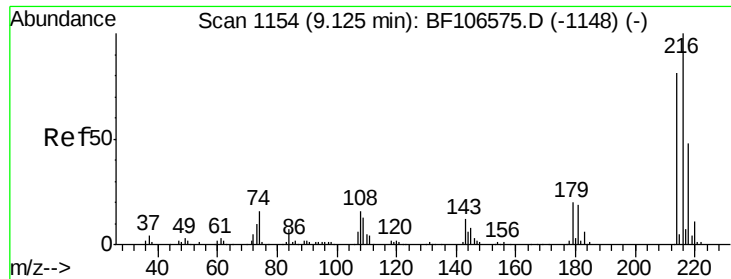
Tgt Ion:142 Resp: 268754
 Ion Ratio Lower Upper
 142 100
 141 82.7 70.8 106.2
 115 31.2 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

Tgt Ion:164 Resp: 114127
 Ion Ratio Lower Upper
 164 100
 162 96.9 86.1 129.1
 160 43.0 38.3 57.5

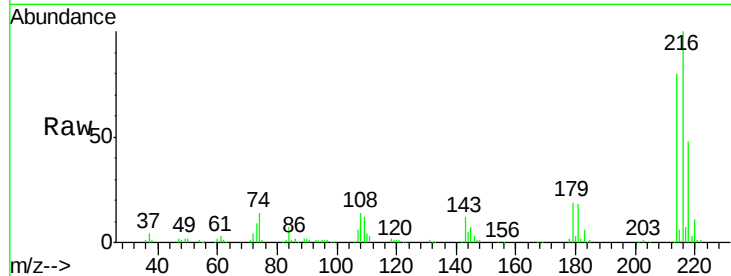




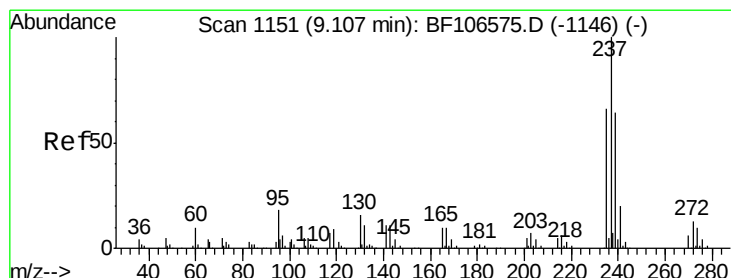
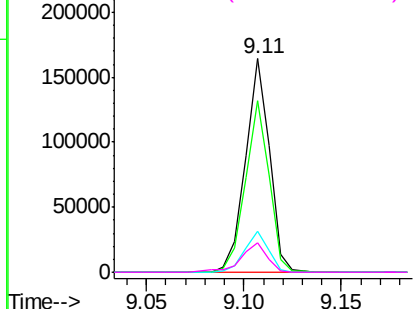
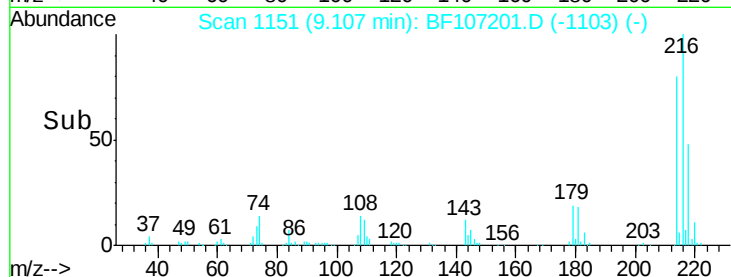
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.345 ng
 RT: 9.11 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72MS

Tgt Ion:	216	Resp:	139690
Ion Ratio	Lower	Upper	
216	100		
214	79.0	63.0	94.4
179	19.3	18.1	27.1
108	15.0	17.2	25.8#

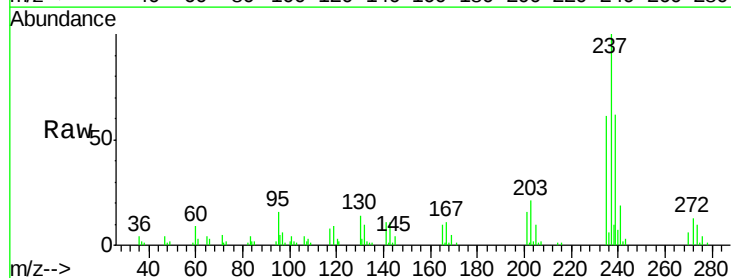


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

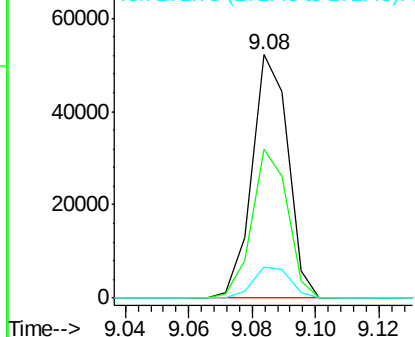
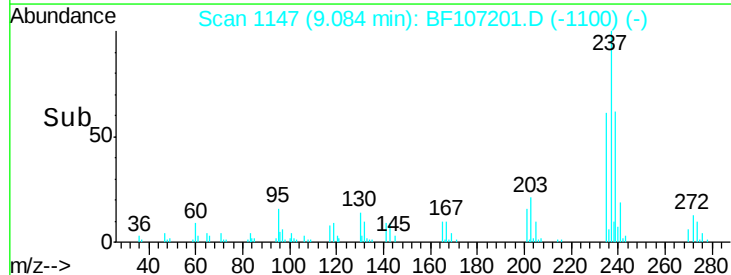


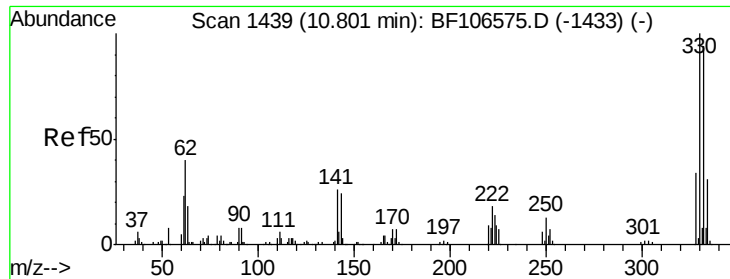
#40
 Hexachlorocyclopentadiene
 Concen: 20.789 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

Tgt Ion:	237	Resp:	41108
Ion Ratio	Lower	Upper	
237	100		
235	60.9	44.8	84.8
272	12.9	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

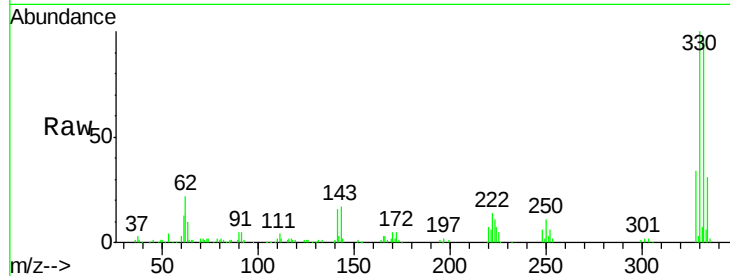




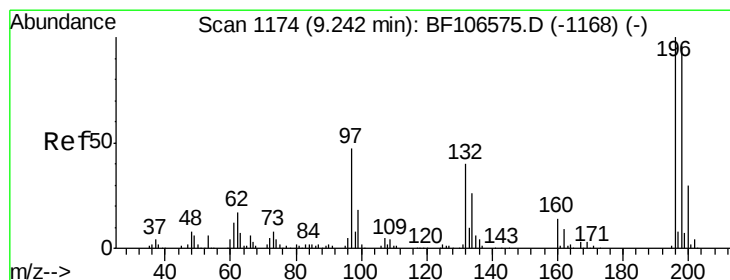
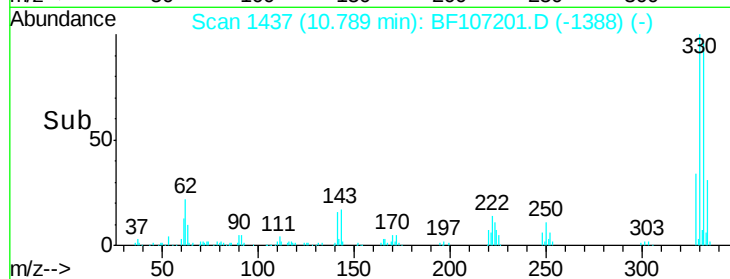
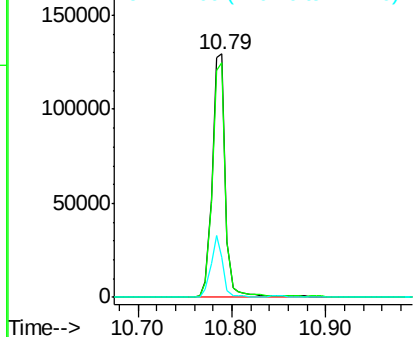
#41
 2,4,6-Tribromophenol
 Concen: 99.199 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72MS

Tgt Ion:330 Resp: 131217
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 22.5 29.9 44.9#

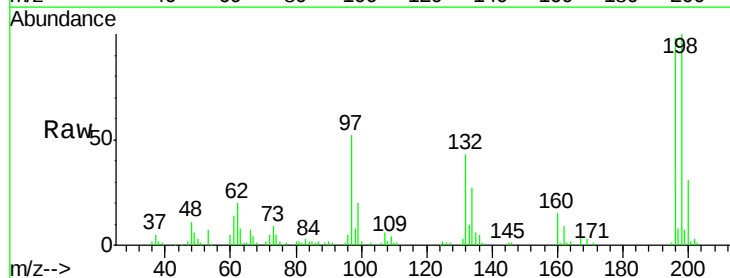


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

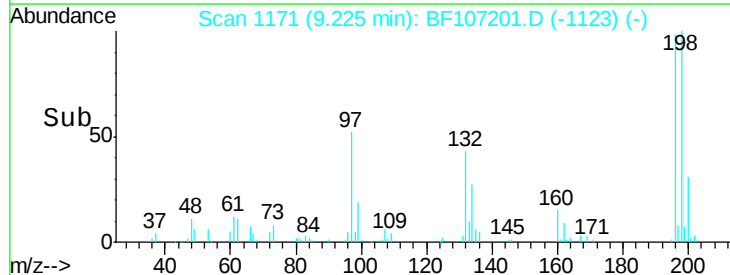
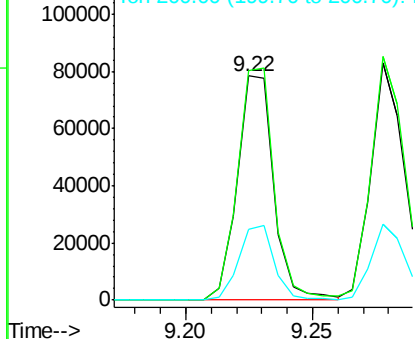


#42
 2,4,6-Trichlorophenol
 Concen: 30.755 ng
 RT: 9.22 min Scan# 1171
 Delta R.T. -0.02 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

Tgt Ion:196 Resp: 78573
 Ion Ratio Lower Upper
 196 100
 198 102.2 75.7 113.5
 200 31.3 24.5 36.7



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

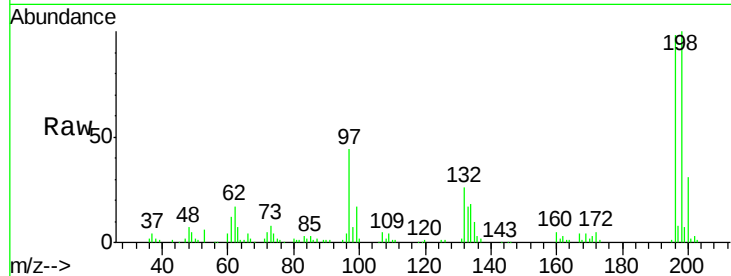




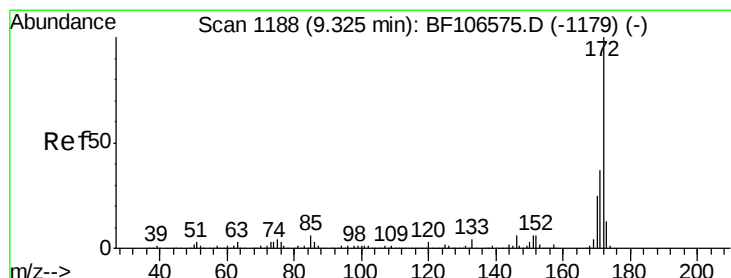
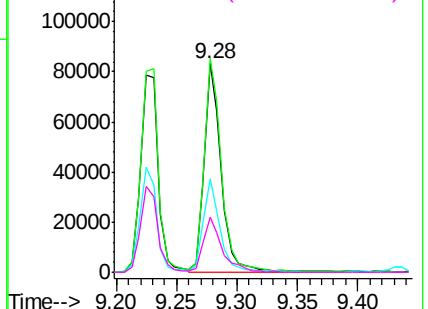
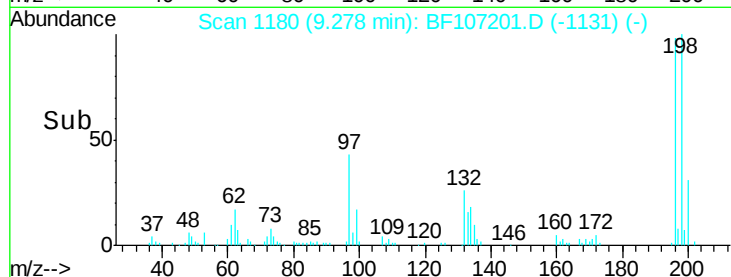
#43
2,4,5-Trichlorophenol
Concen: 30.832 ng
RT: 9.28 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MS

Tgt Ion:196 Resp: 82194
Ion Ratio Lower Upper
196 100
198 102.5 74.6 112.0
97 44.9 42.9 64.3
132 26.7 26.3 39.5

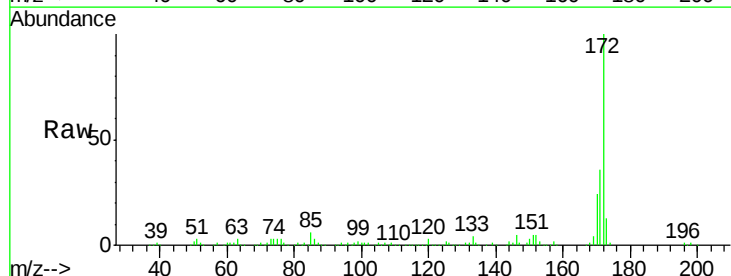


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

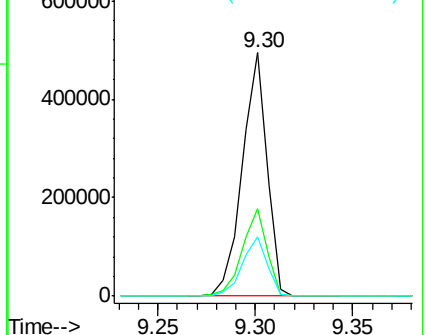
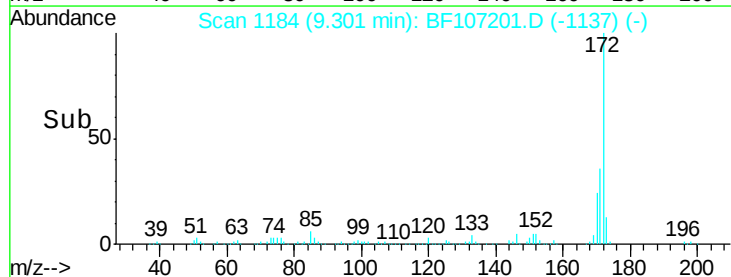


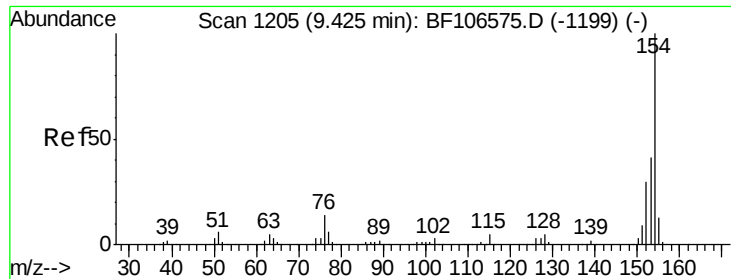
#44
2-Fluorobiphenyl
Concen: 60.151 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

Tgt Ion:172 Resp: 434653
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.3 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

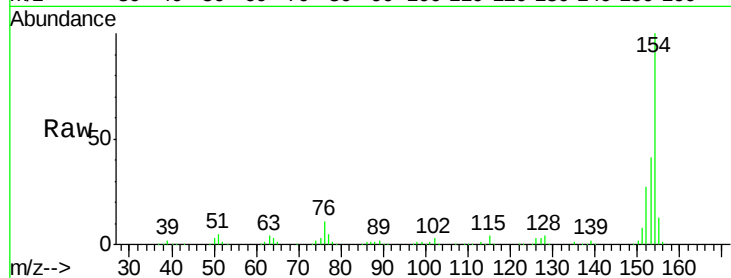




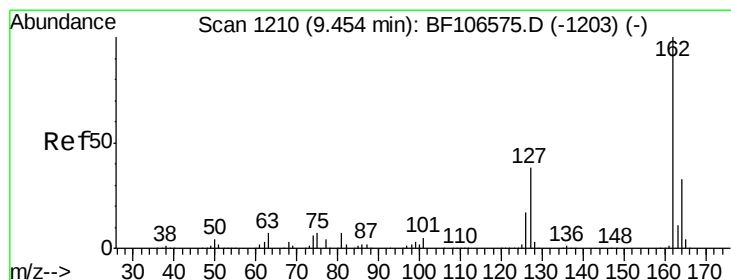
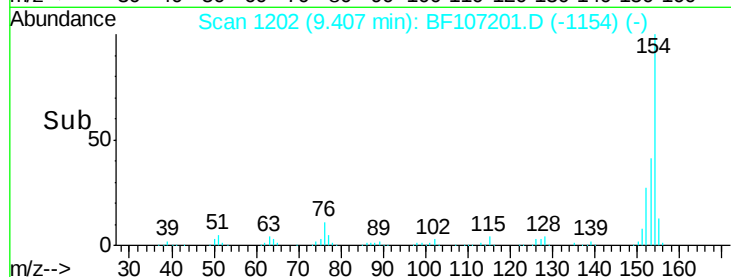
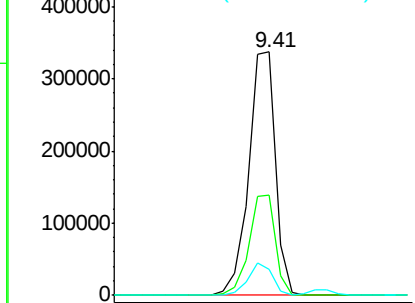
#45
 1,1'-Biphenyl
 Concen: 35.160 ng
 RT: 9.41 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	10.9	0.0	34.0

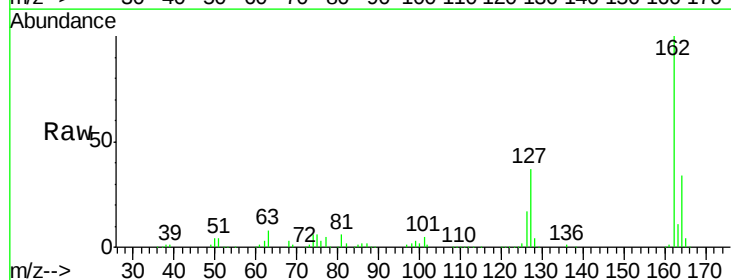


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

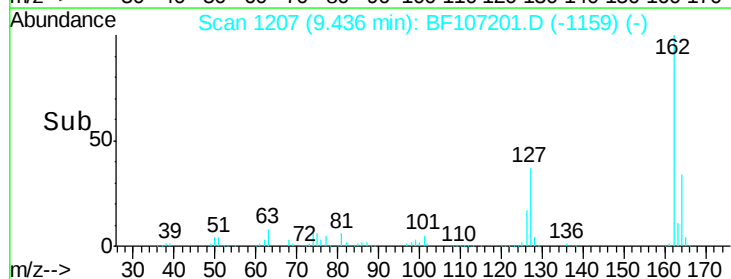
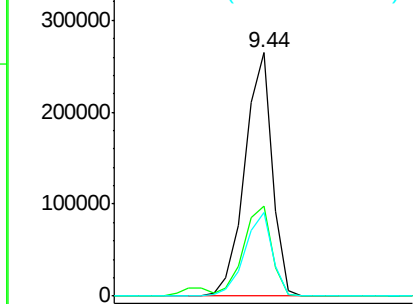


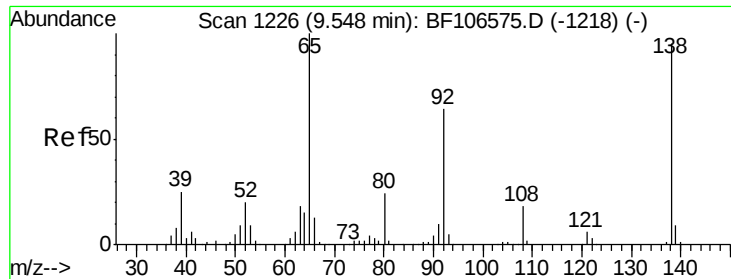
#46
 2-Chloronaphthalene
 Concen: 33.299 ng
 RT: 9.44 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.8	33.9	50.9
164	34.4	26.5	39.7



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

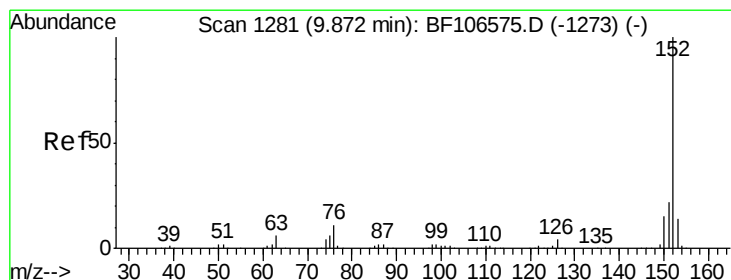
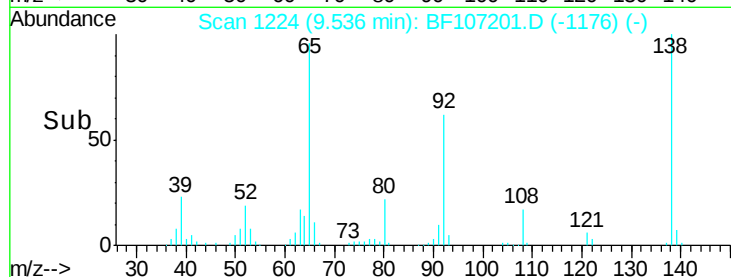
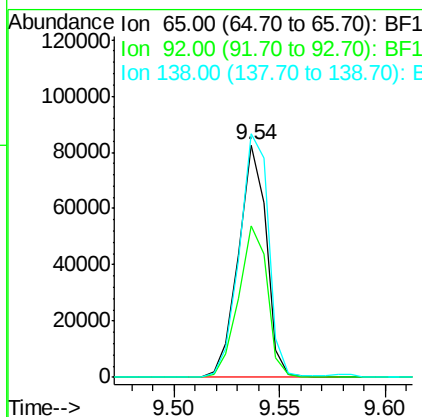
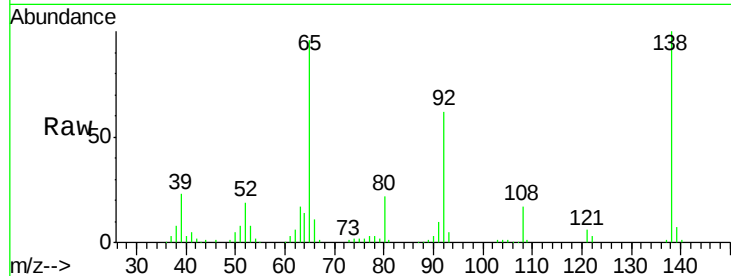




#47
2-Nitroaniline
Concen: 31.357 ng
RT: 9.54 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

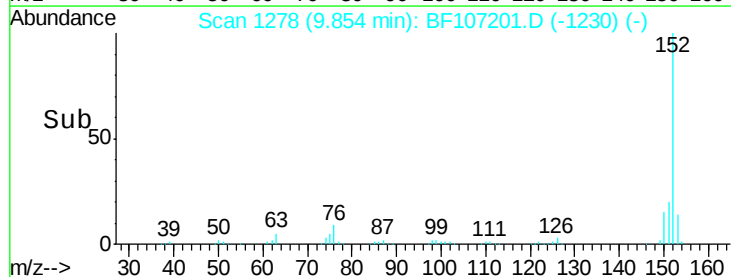
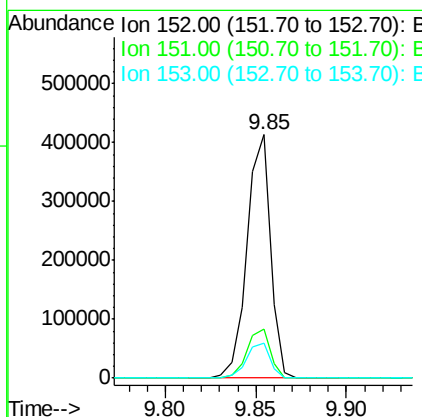
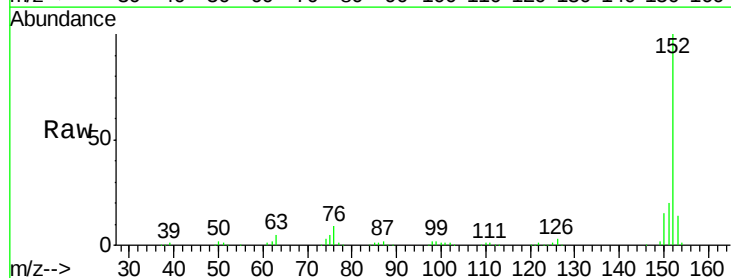
Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MS

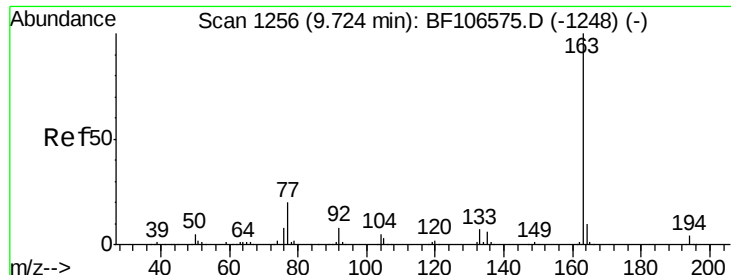
Tgt Ion: 65 Resp: 75492
Ion Ratio Lower Upper
65 100
92 64.9 55.8 83.6
138 104.7 91.2 136.8



#48
Acenaphthylene
Concen: 32.858 ng
RT: 9.85 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

Tgt Ion: 152 Resp: 371405
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 14.2 10.7 16.1

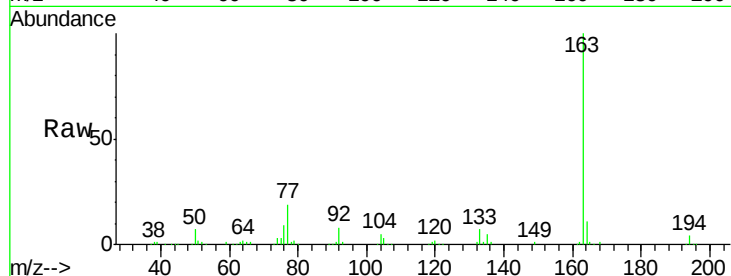




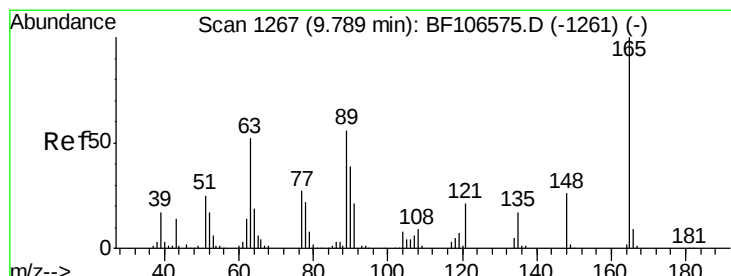
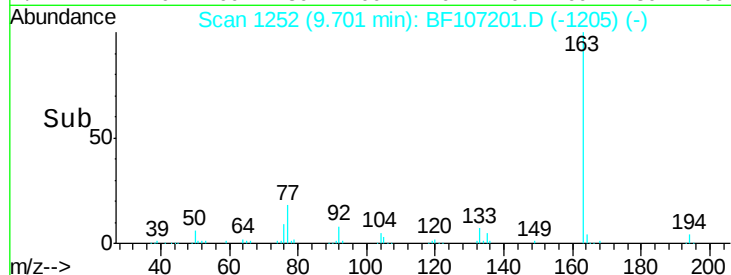
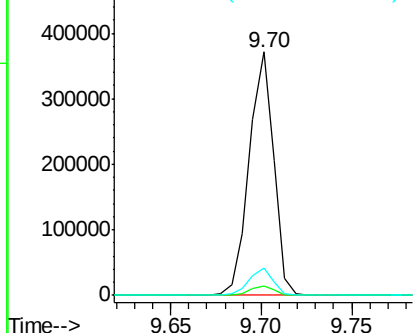
#49
Dimethylphthalate
Concen: 40.820 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MS

Tgt Ion:163 Resp: 349407
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 11.0 8.2 12.2

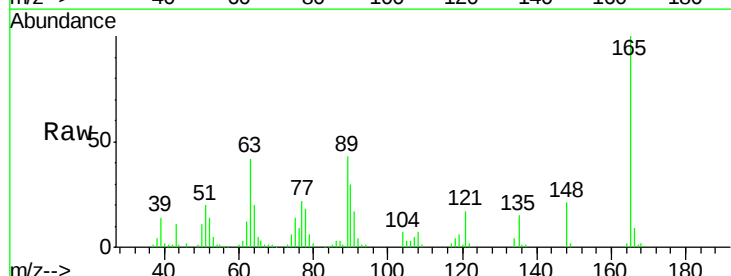


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

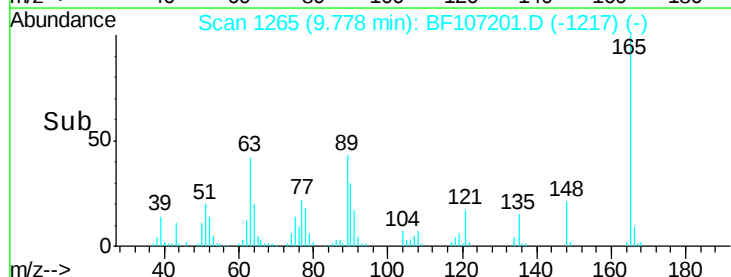
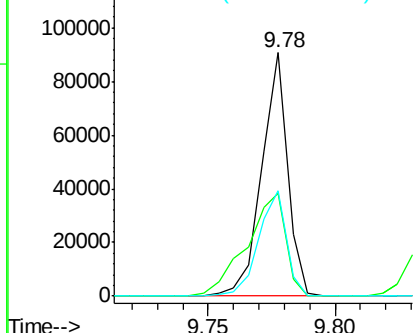


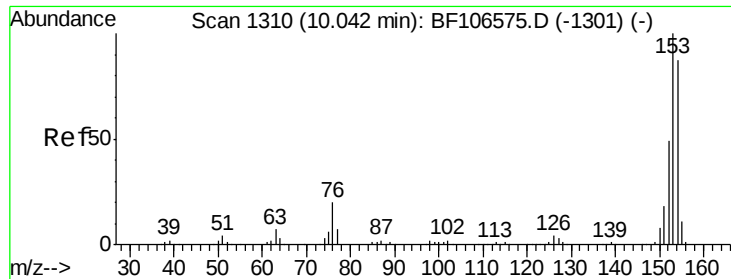
#50
2,6-Dinitrotoluene
Concen: 35.862 ng
RT: 9.78 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

Tgt Ion:165 Resp: 65001
Ion Ratio Lower Upper
165 100
63 42.4 44.7 67.1#
89 43.0 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: 31.494 ng

RT: 10.02 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72MS

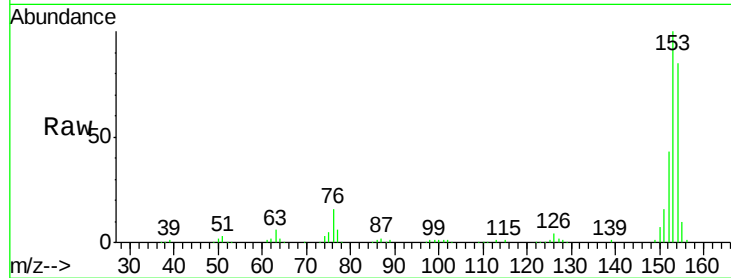
Tgt Ion:154 Resp: 224166

Ion Ratio Lower Upper

154 100

153 117.0 91.2 136.8

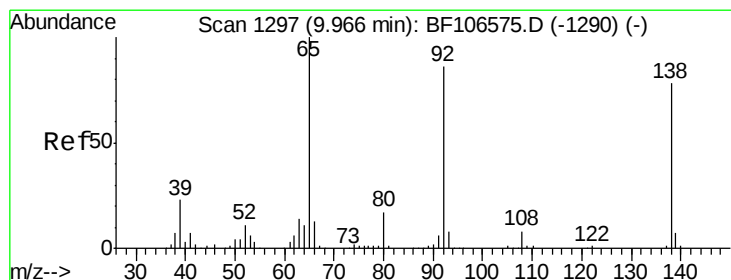
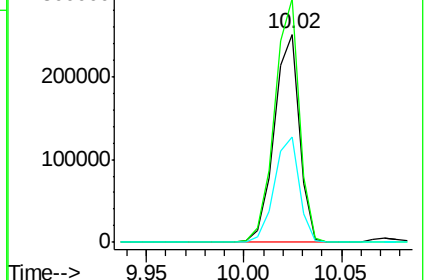
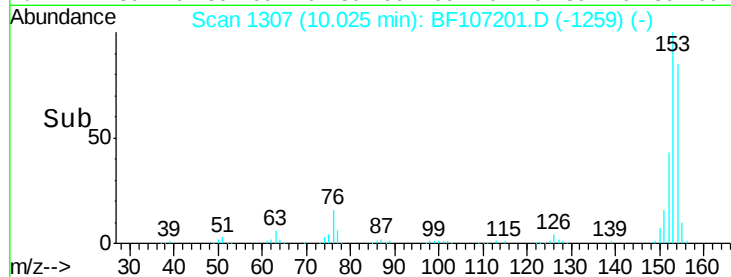
152 50.6 43.8 65.8



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: 27.036 ng

RT: 9.95 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

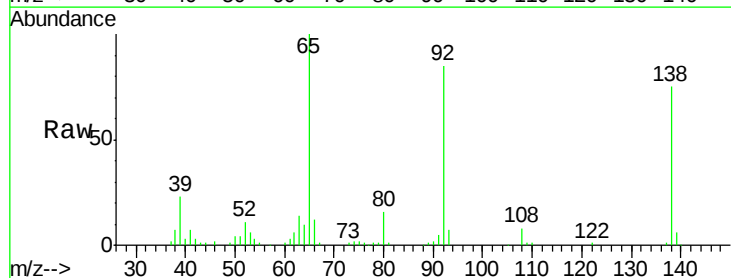
Tgt Ion:138 Resp: 56391

Ion Ratio Lower Upper

138 100

108 11.2 9.4 14.0

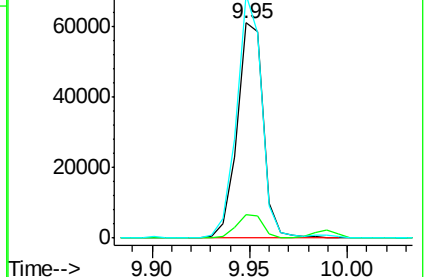
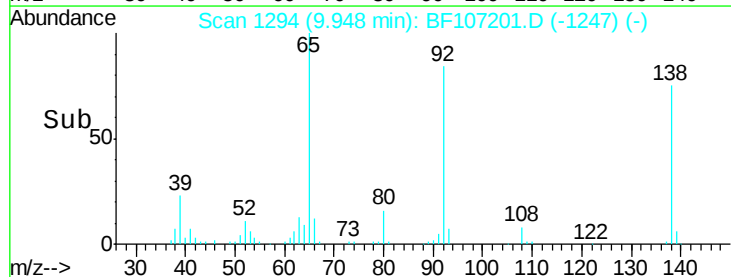
92 113.3 89.4 134.2



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

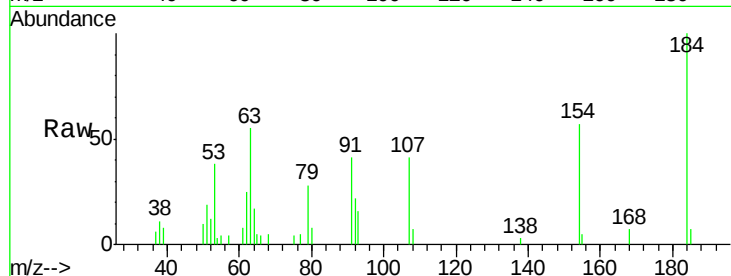




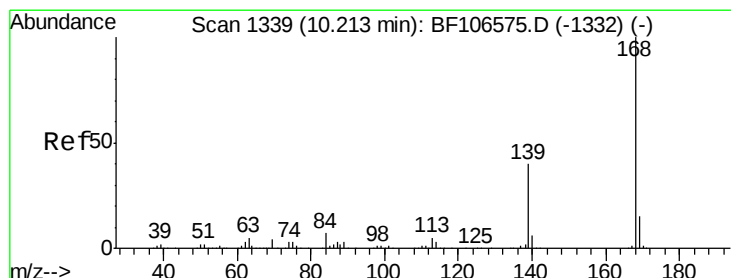
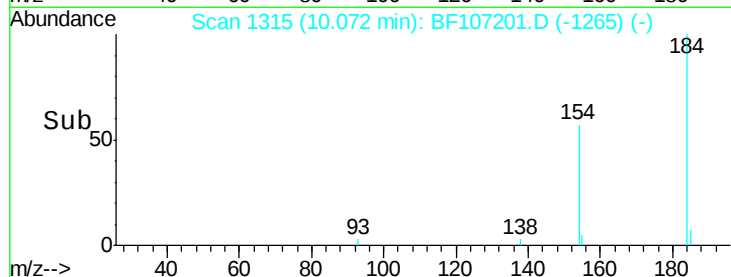
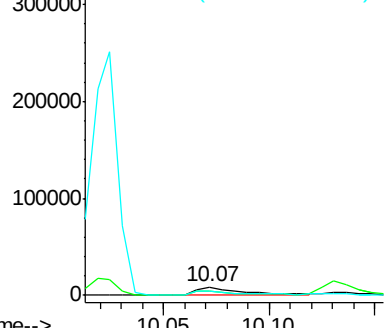
#53
2,4-Dinitrophenol
Concen: 18.440 ng
RT: 10.07 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MS

Tgt Ion:184 Resp: 13218
Ion Ratio Lower Upper
184 100
63 55.0 54.2 81.2
154 56.6 184.0 276.0#

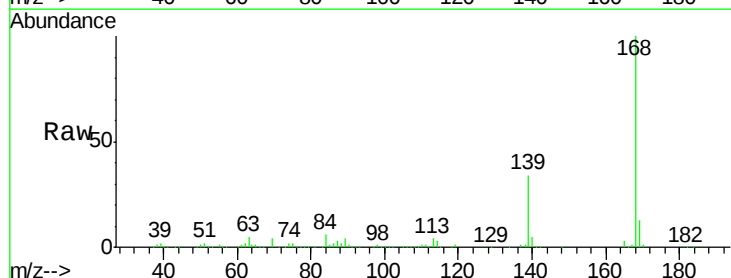


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

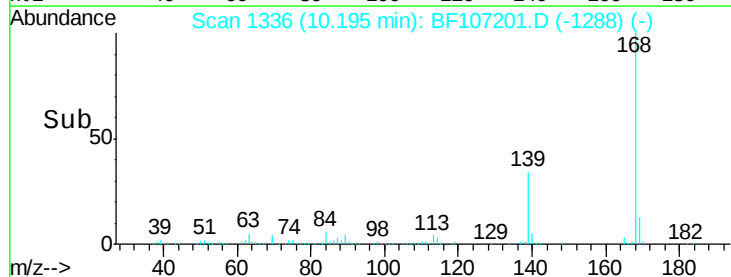
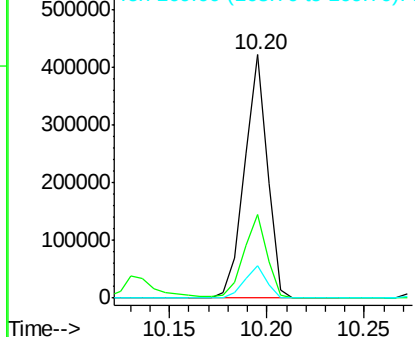


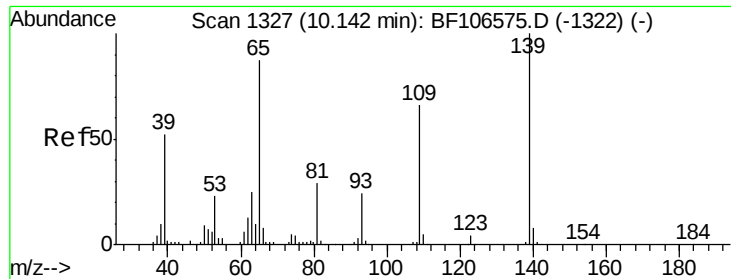
#54
Dibenzofuran
Concen: 35.139 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

Tgt Ion:168 Resp: 342475
Ion Ratio Lower Upper
168 100
139 34.3 30.1 45.1
169 13.1 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

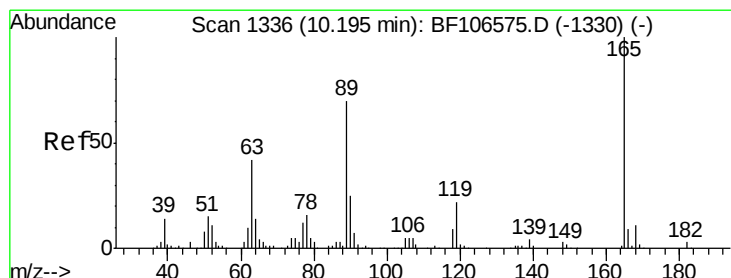
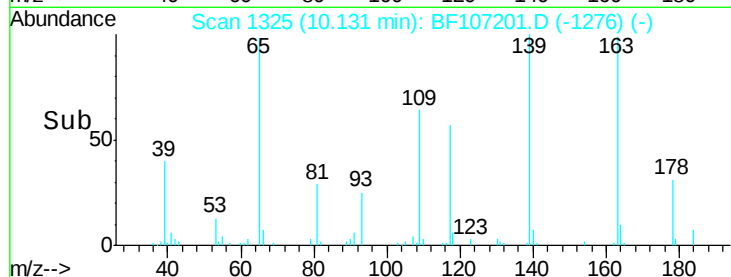
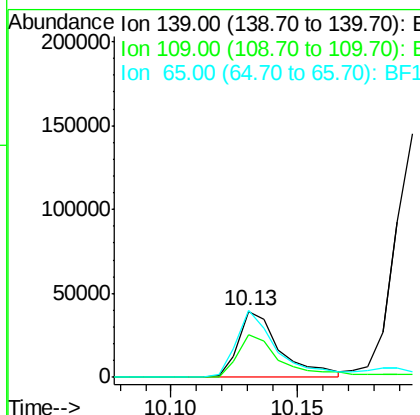
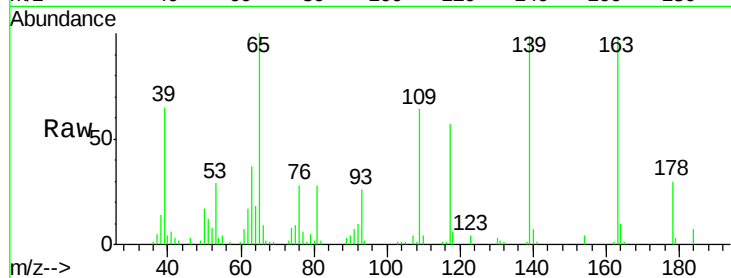




#55
4-Nitrophenol
Concen: 31.176 ng
RT: 10.13 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

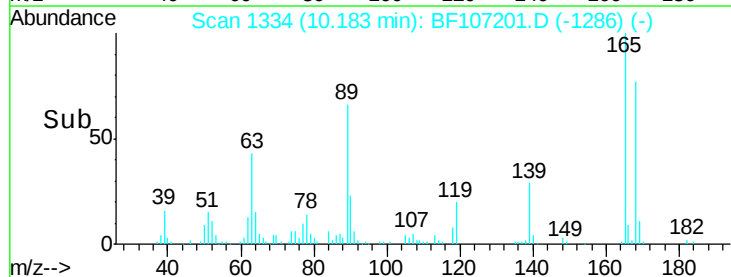
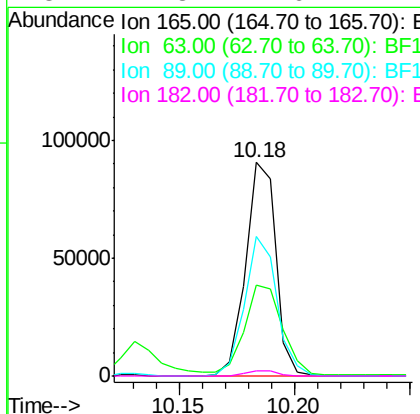
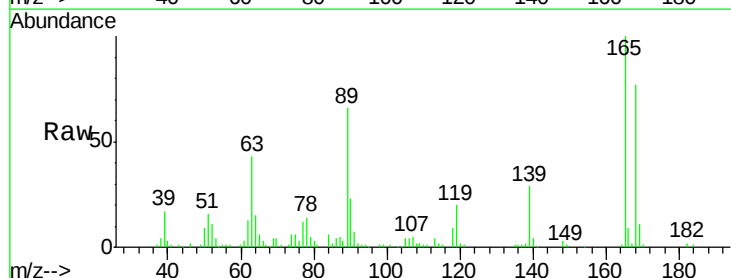
Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MS

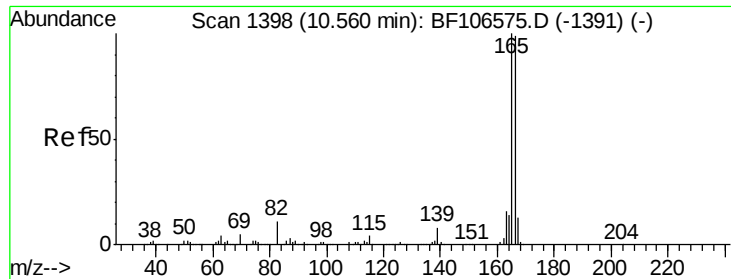
Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.4	48.4	88.4
65	101.3	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 35.172 ng
RT: 10.18 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.7	36.4	54.6
89	65.6	57.8	86.6
182	2.3	1.6	2.4





#57

Fluorene

Concen: 35.030 ng

RT: 10.54 min Scan# 1395

Delta R.T. -0.02 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72MS

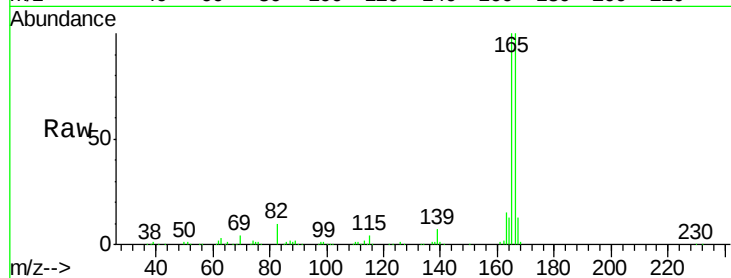
Tgt Ion:166 Resp: 270925

Ion Ratio Lower Upper

166 100

165 99.8 79.8 119.8

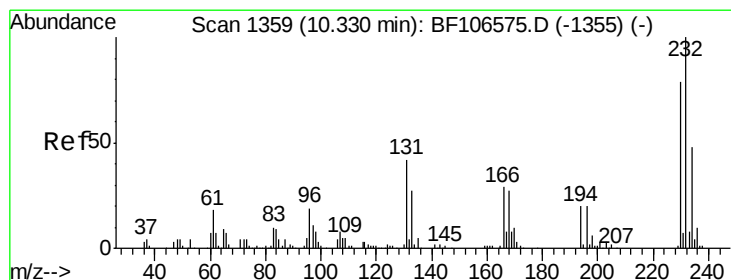
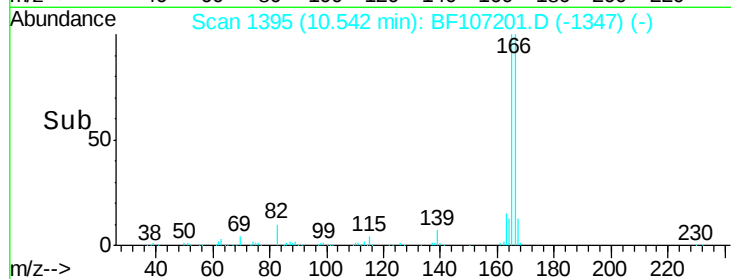
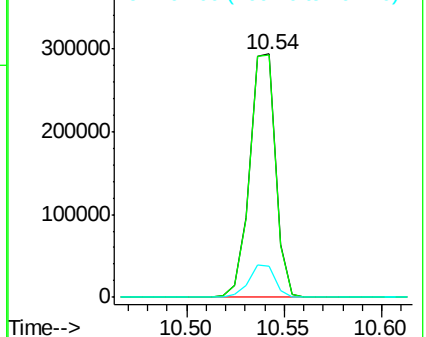
167 12.9 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.638 ng

RT: 10.32 min Scan# 1357

Delta R.T. -0.02 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

Tgt Ion:232 Resp: 67044

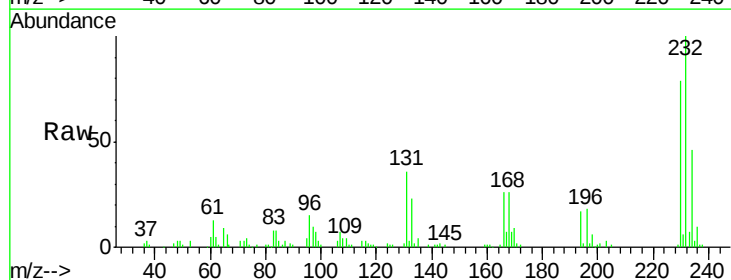
Ion Ratio Lower Upper

232 100

131 36.0 43.8 65.8#

130 1.4 2.1 3.1#

166 24.9 27.8 41.6#

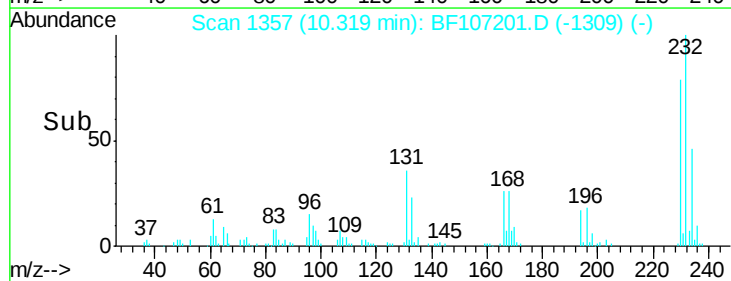
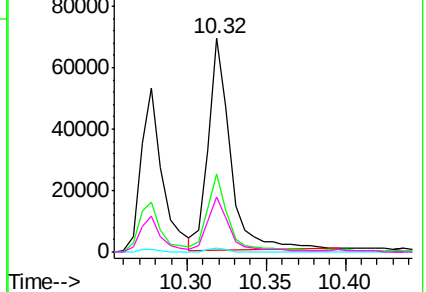


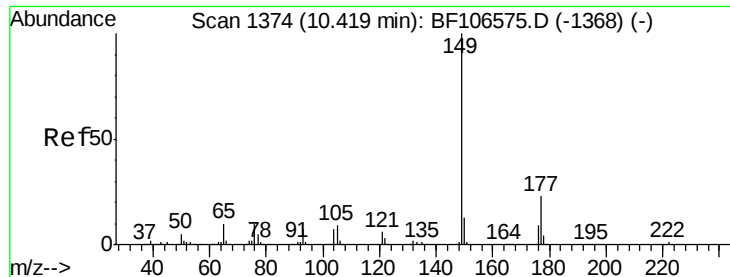
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

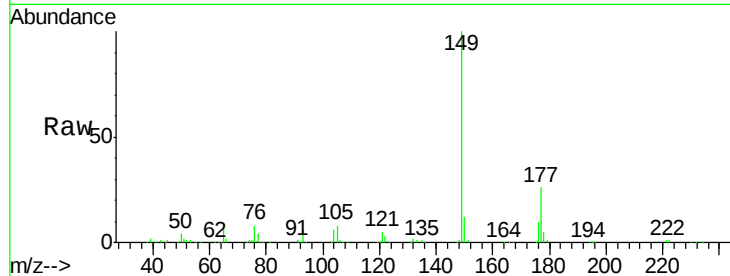




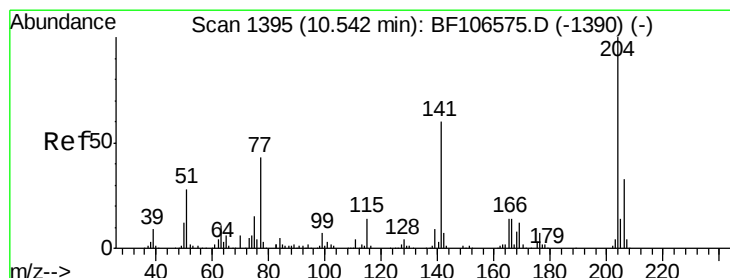
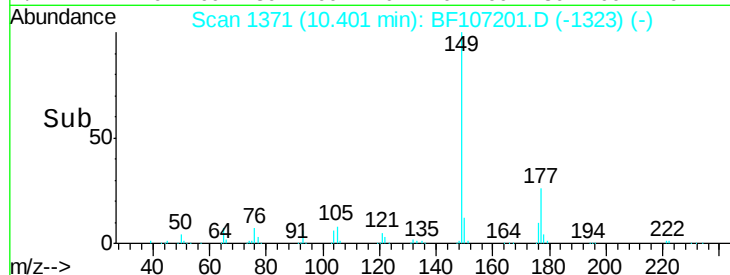
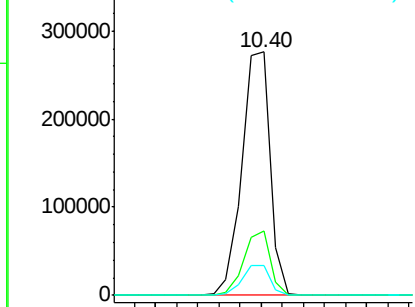
#59
Diethylphthalate
Concen: 30.994 ng
RT: 10.40 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MS

Tgt Ion:149 Resp: 256056
Ion Ratio Lower Upper
149 100
177 26.2 16.1 24.1#
150 12.1 10.1 15.1

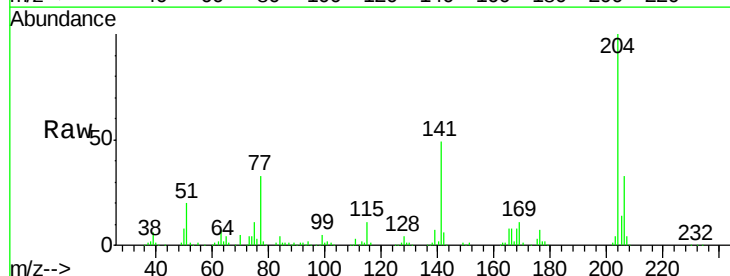


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

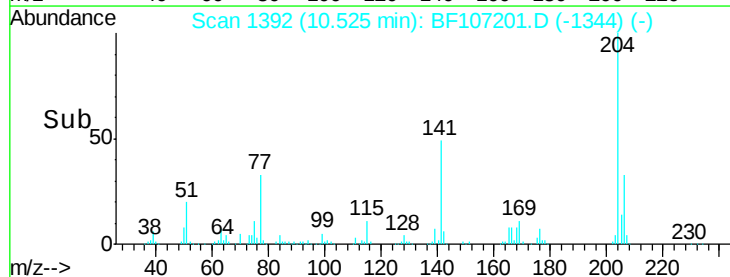
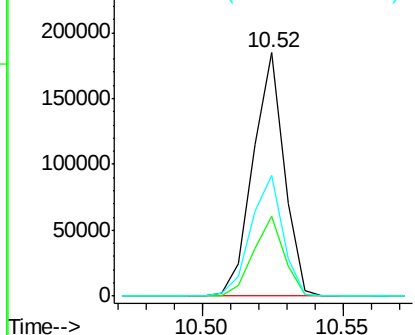


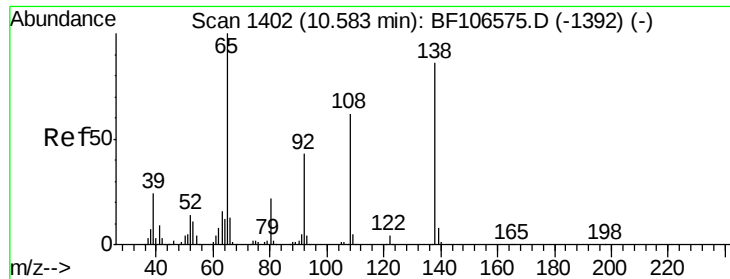
#60
4-Chlorophenyl-phenylether
Concen: 34.989 ng
RT: 10.52 min Scan# 1392
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

Tgt Ion:204 Resp: 141590
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 49.4 54.6 81.8#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

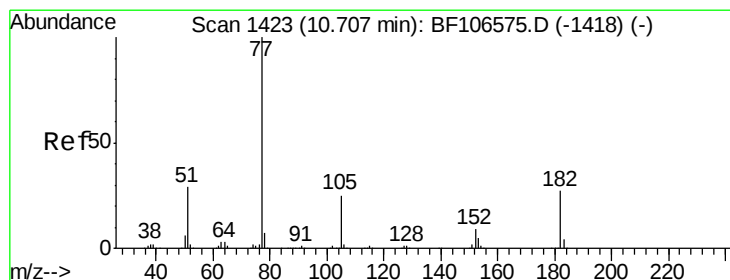
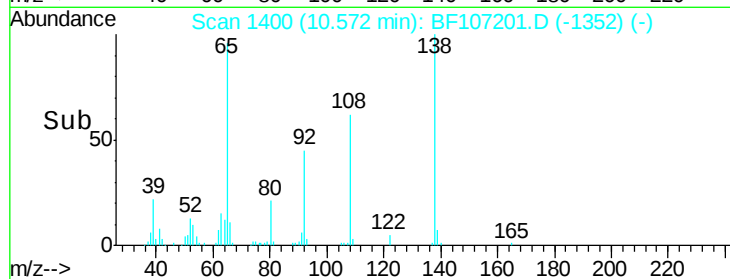
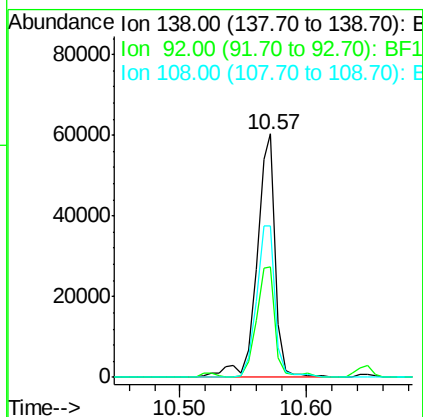
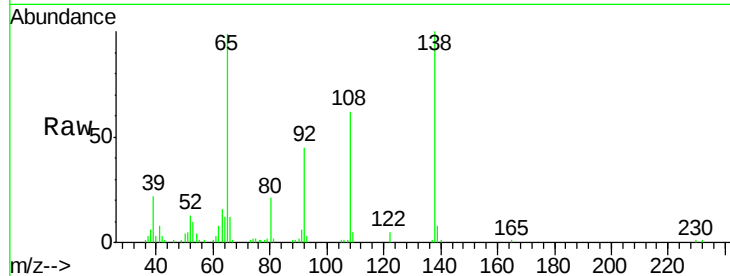




#61
4-Nitroaniline
Concen: 29.860 ng
RT: 10.57 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

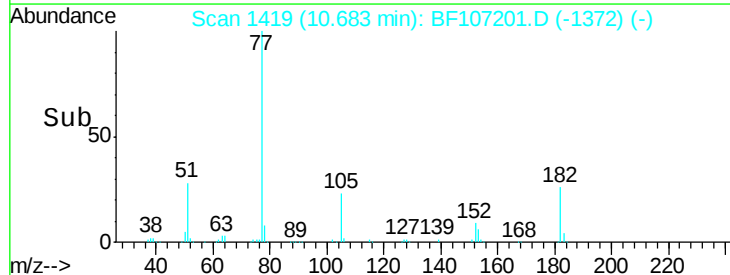
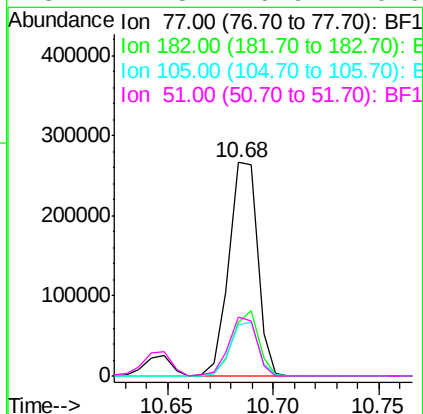
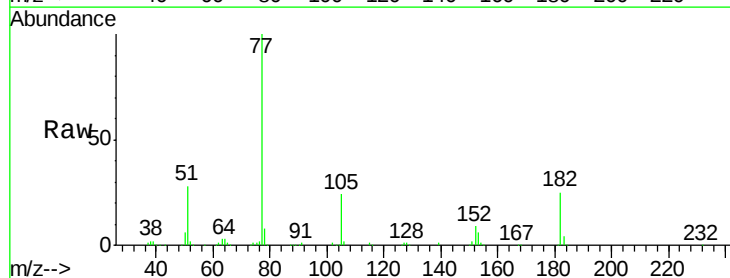
Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MS

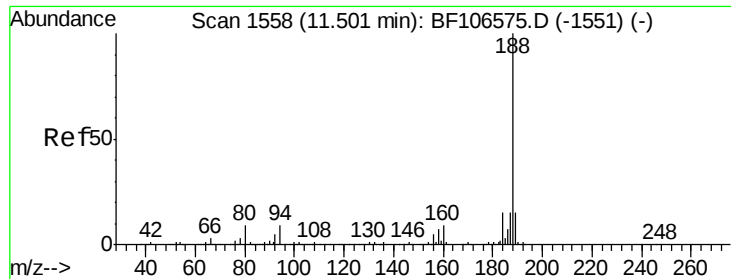
Tgt Ion:138 Resp: 61810
Ion Ratio Lower Upper
138 100
92 45.5 30.2 70.2
108 62.2 52.5 92.5



#62
Azobenzene
Concen: 30.833 ng
RT: 10.68 min Scan# 1419
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

Tgt Ion: 77 Resp: 250841
Ion Ratio Lower Upper
77 100
182 25.4 1.7 41.7
105 24.1 3.0 43.0
51 27.8 9.9 49.9

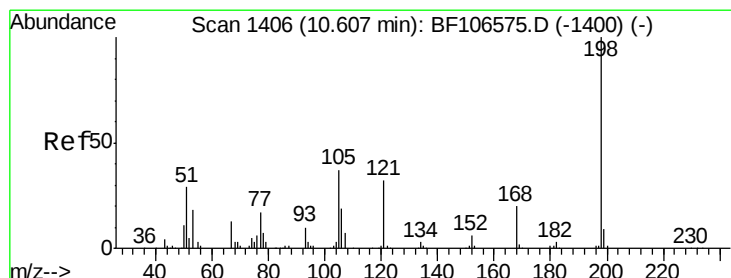
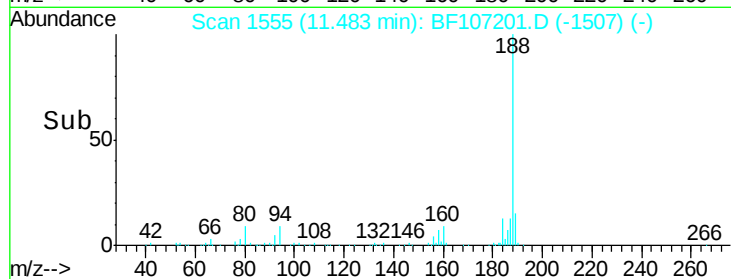
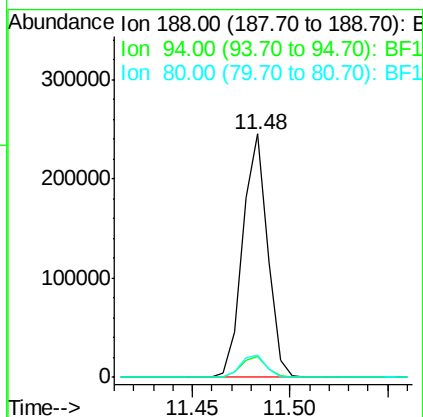
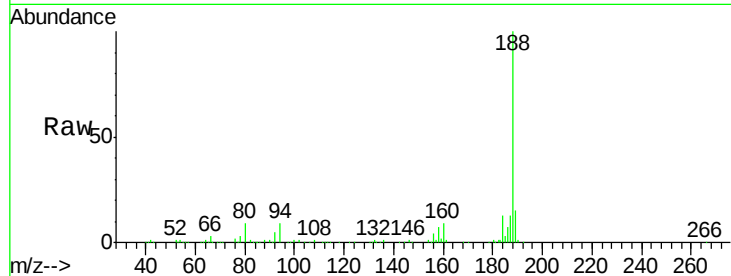




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

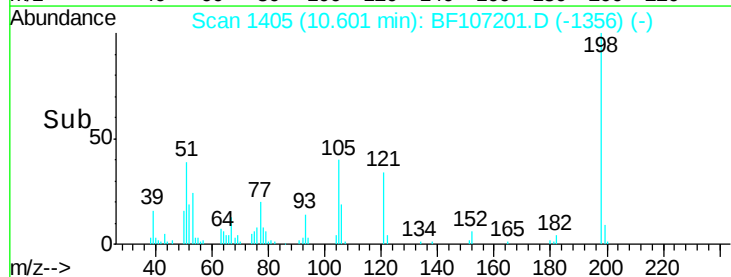
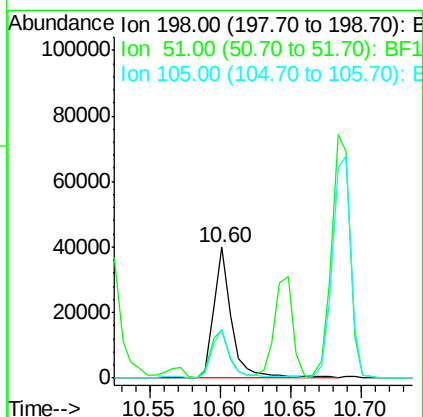
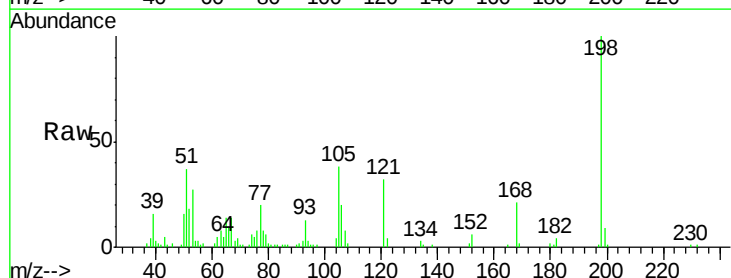
Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MS

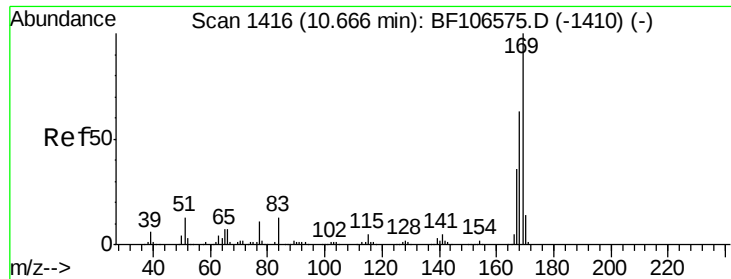
Tgt Ion:188 Resp: 215931
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7
80 9.0 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 26.634 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

Tgt Ion:198 Resp: 35550
Ion Ratio Lower Upper
198 100
51 36.5 37.7 77.7#
105 37.9 36.3 76.3

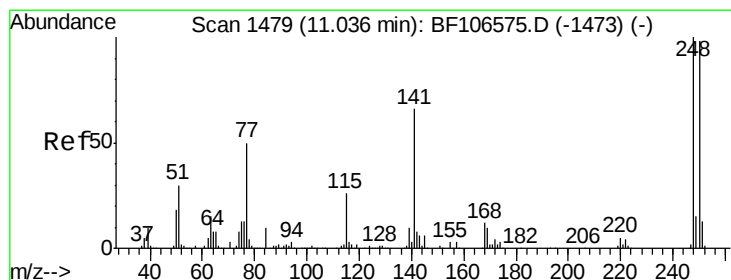
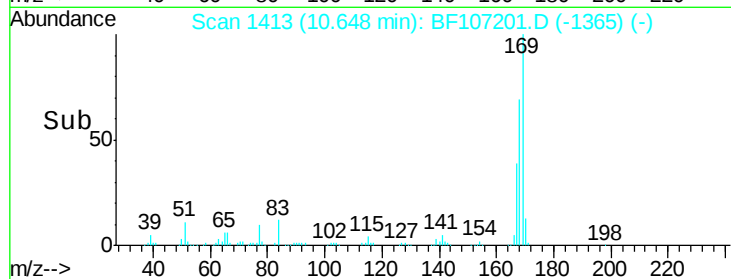
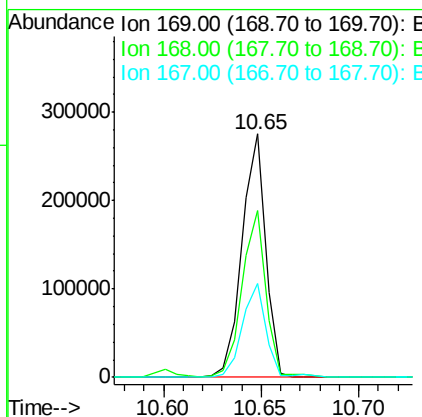
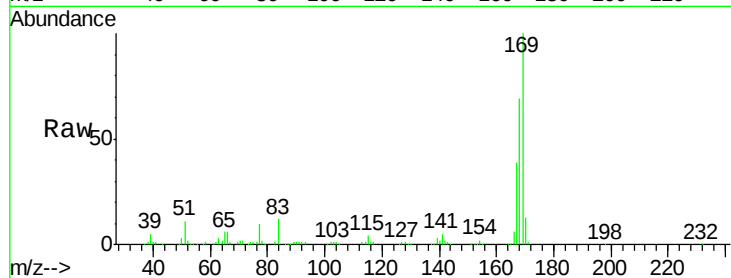




#65
 n-Nitrosodiphenylamine
 Concen: 31.890 ng
 RT: 10.65 min Scan# 1413
 Delta R.T. -0.02 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

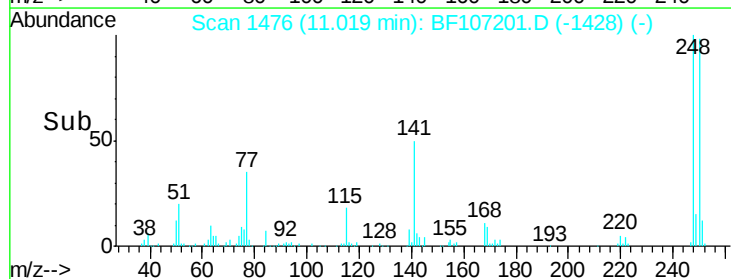
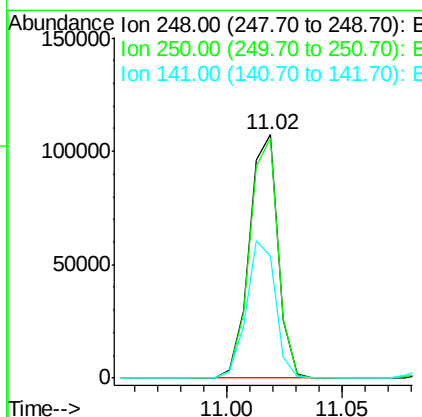
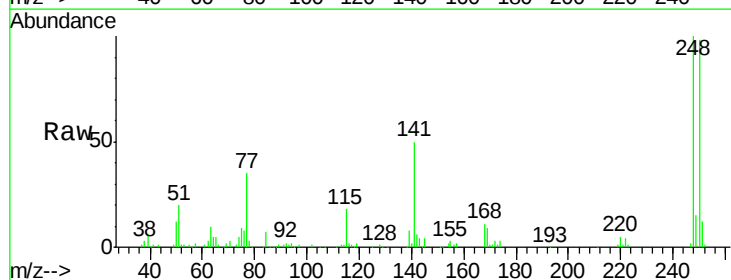
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72MS

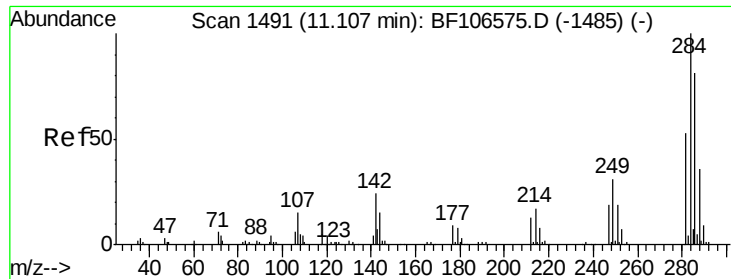
Tgt Ion:169 Resp: 231612
 Ion Ratio Lower Upper
 169 100
 168 68.5 54.4 81.6
 167 38.7 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 36.212 ng
 RT: 11.02 min Scan# 1476
 Delta R.T. -0.02 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

Tgt Ion:248 Resp: 93320
 Ion Ratio Lower Upper
 248 100
 250 98.2 76.9 115.3
 141 50.1 74.4 111.6#

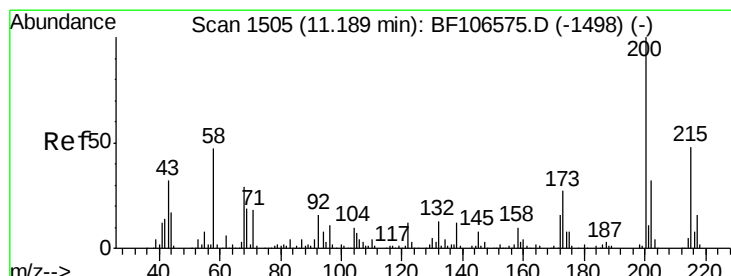
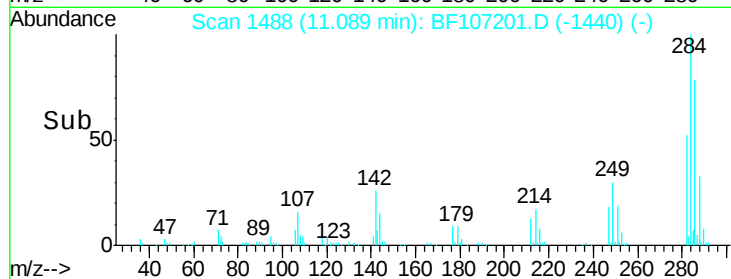
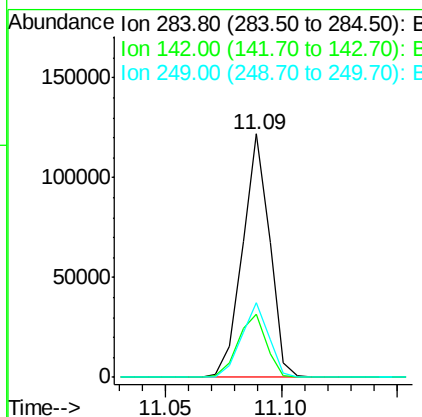
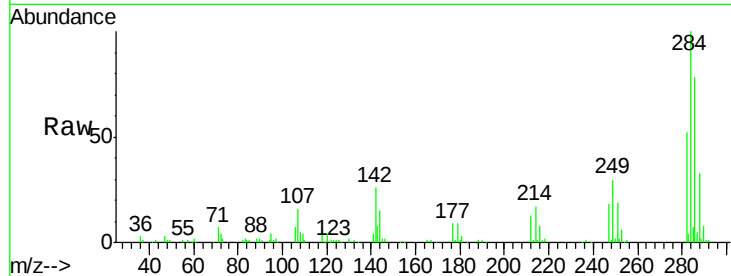




#67
Hexachlorobenzene
Concen: 37.053 ng
RT: 11.09 min Scan# 1488
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

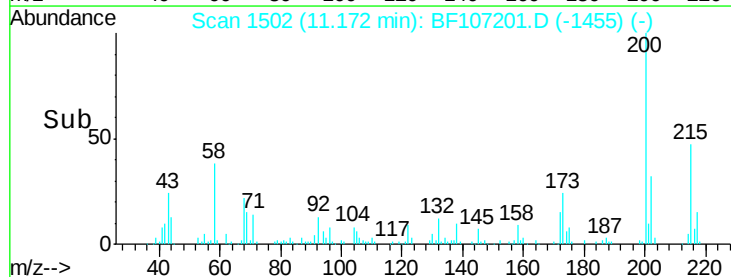
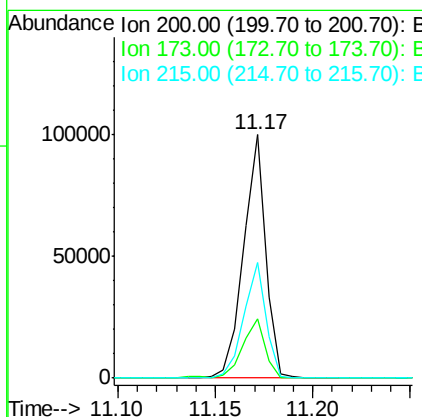
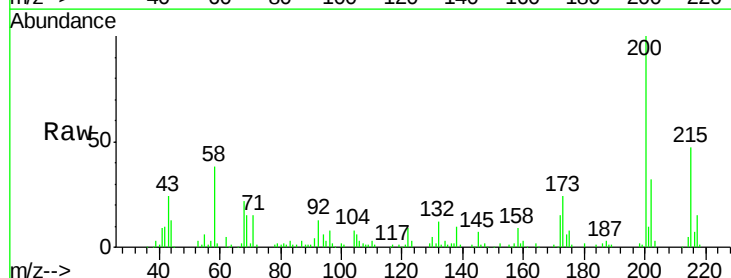
Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MS

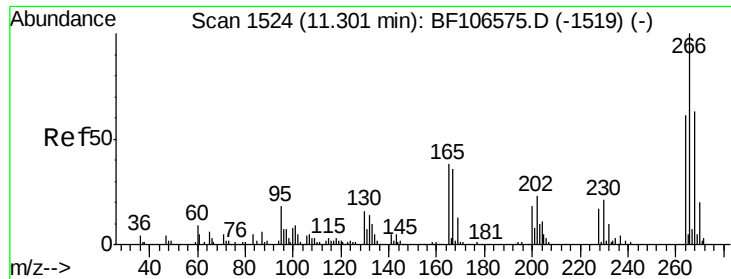
Tgt Ion:284 Resp: 99939
Ion Ratio Lower Upper
284 100
142 25.7 34.6 52.0#
249 30.4 24.8 37.2



#68
Atrazine
Concen: 34.012 ng
RT: 11.17 min Scan# 1502
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

Tgt Ion:200 Resp: 78531
Ion Ratio Lower Upper
200 100
173 24.2 8.6 48.6
215 47.4 25.1 65.1

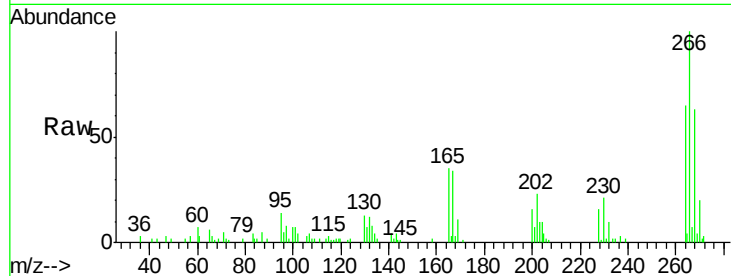




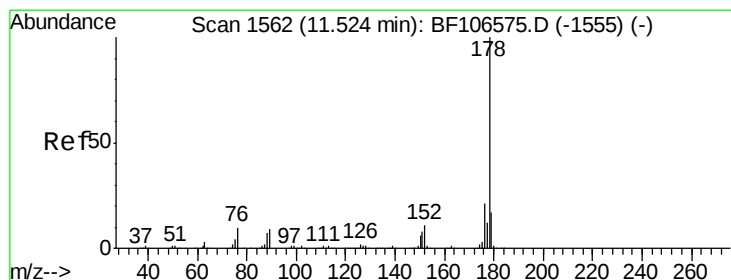
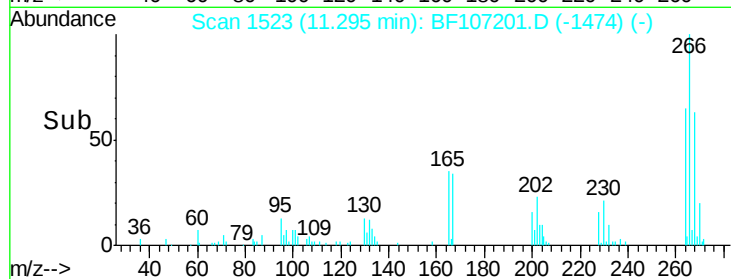
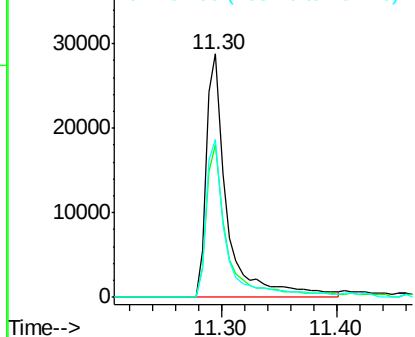
#69
 Pentachlorophenol
 Concen: 27.086 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72MS

Tgt Ion: 266 Resp: 36453
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.1 76.7
 264 64.7 49.5 74.3

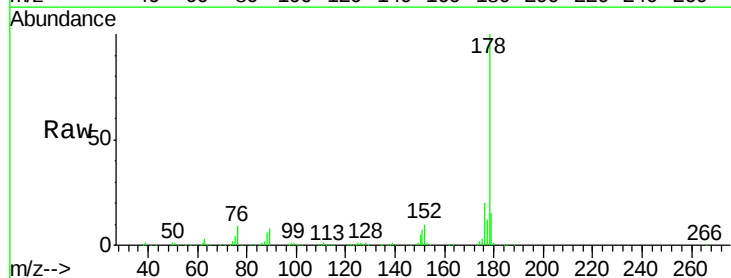


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

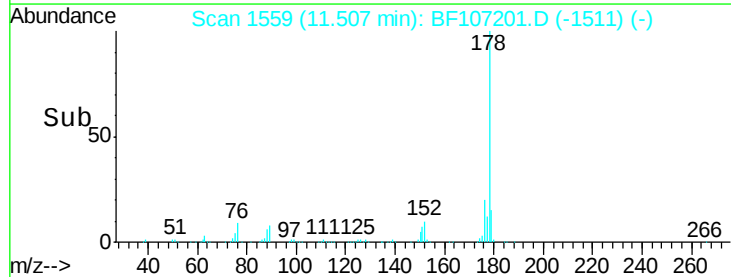
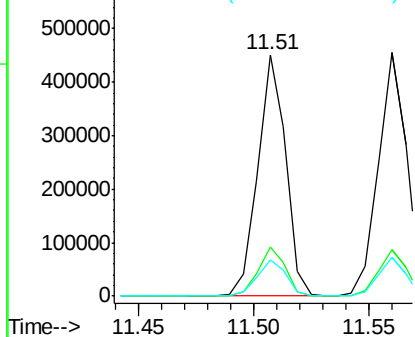


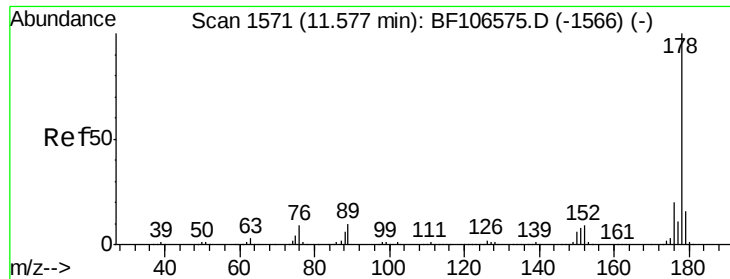
#70
 Phenanthrene
 Concen: 36.574 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. -0.02 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

Tgt Ion: 178 Resp: 380910
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.8
 179 15.1 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

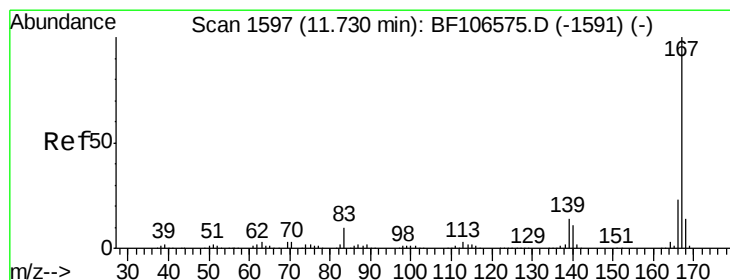
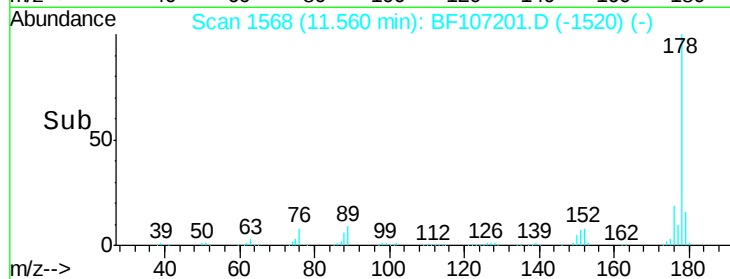
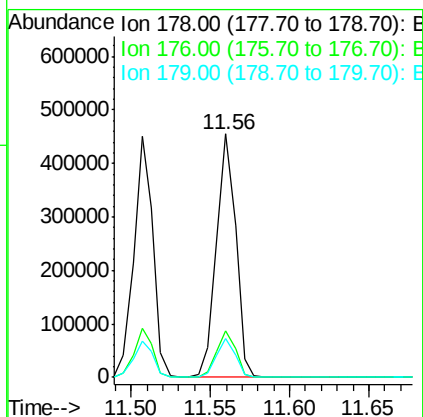
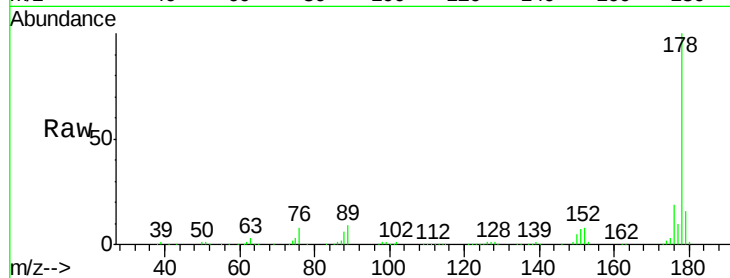




#71
 Anthracene
 Concen: 36.560 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

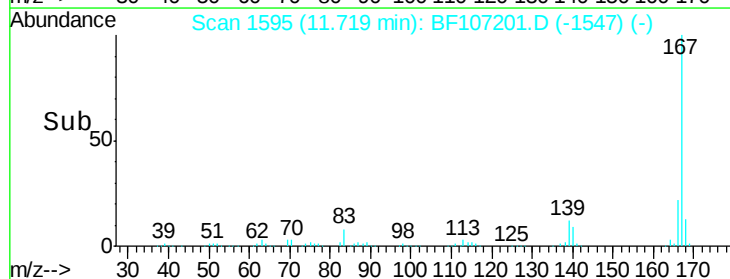
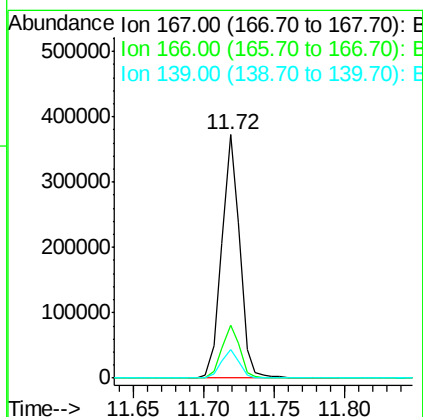
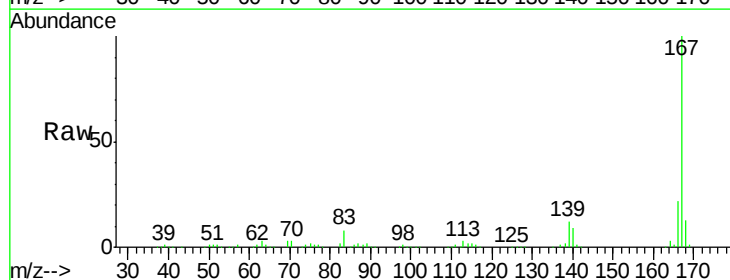
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72MS

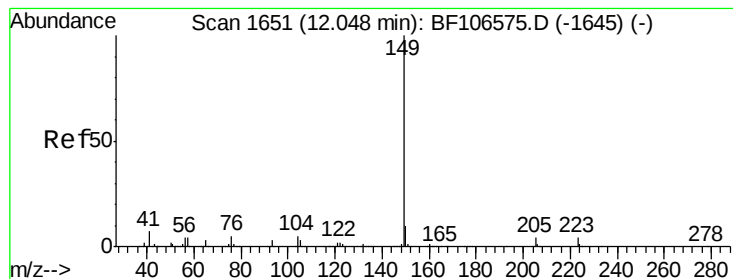
Tgt Ion:178 Resp: 388654
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 33.229 ng
 RT: 11.72 min Scan# 1595
 Delta R.T. -0.02 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

Tgt Ion:167 Resp: 330717
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 11.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 31.507 ng

RT: 12.02 min Scan# 1647

Delta R.T. -0.02 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72MS

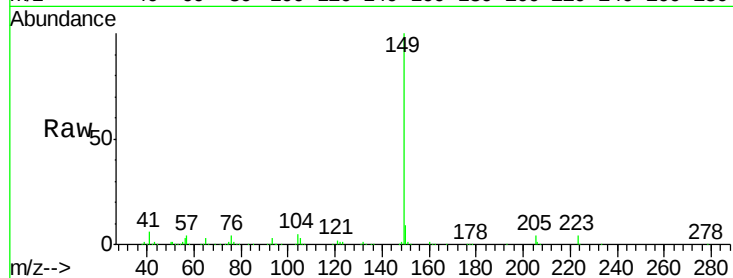
Tgt Ion:149 Resp: 369429

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

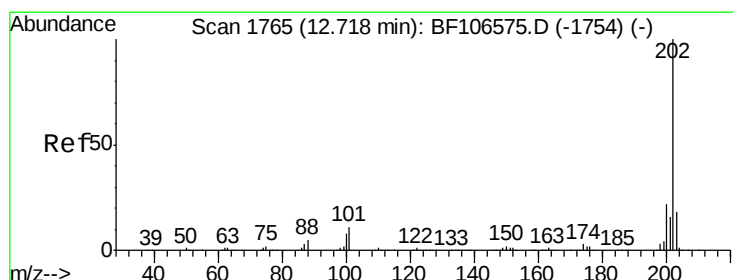
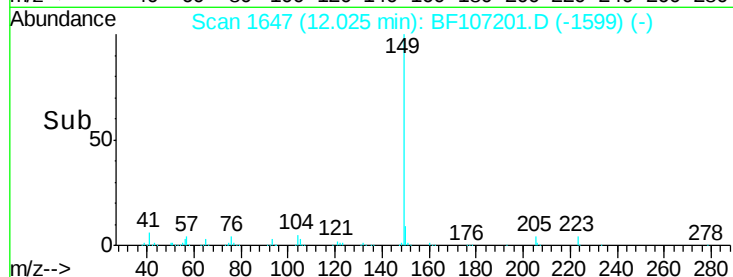
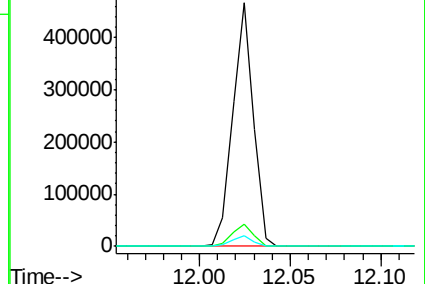
104 4.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.354 ng

RT: 12.70 min Scan# 1762

Delta R.T. -0.02 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

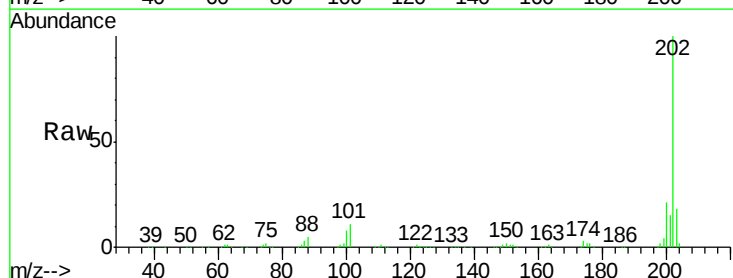
Tgt Ion:202 Resp: 382881

Ion Ratio Lower Upper

202 100

101 10.8 0.0 34.1

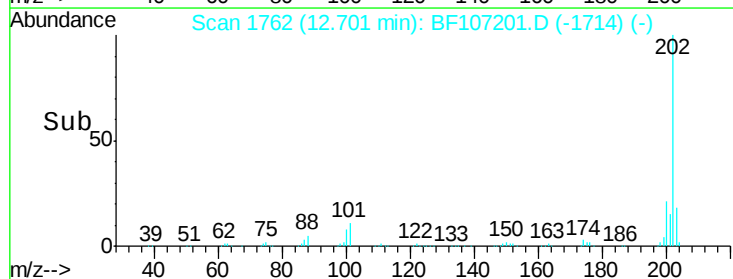
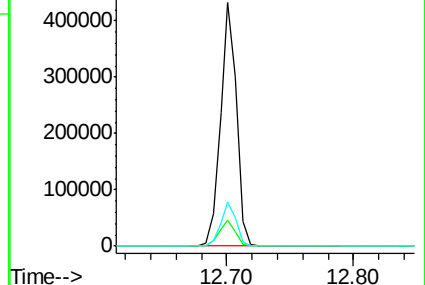
203 18.2 0.0 38.1

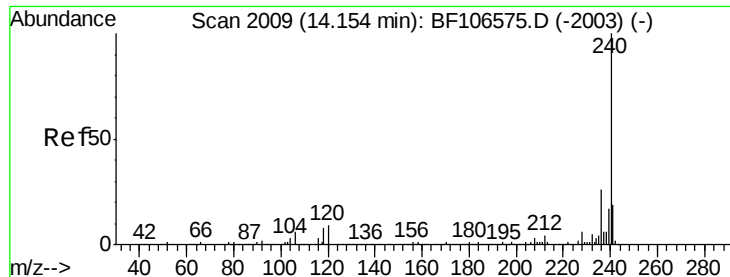


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72MS

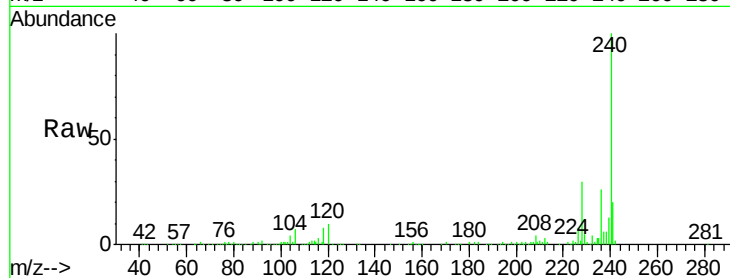
Tgt Ion:240 Resp: 148820

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

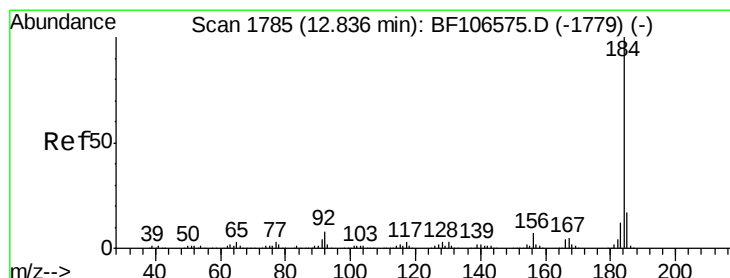
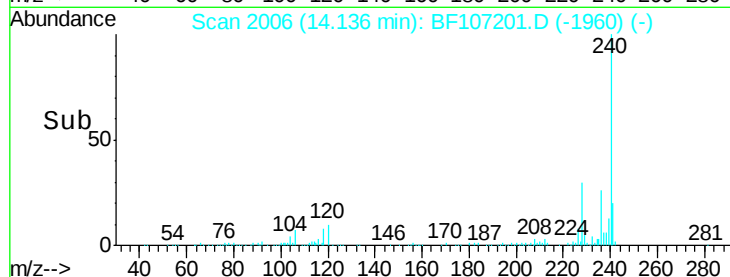
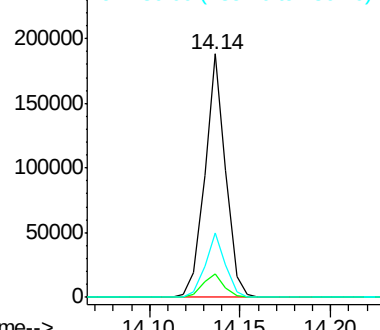
236 26.3 20.7 31.1



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: 35.343 ng

RT: 12.82 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

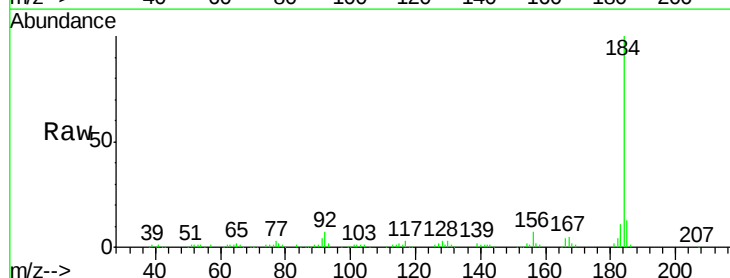
Tgt Ion:184 Resp: 149797

Ion Ratio Lower Upper

184 100

185 13.5 12.6 18.8

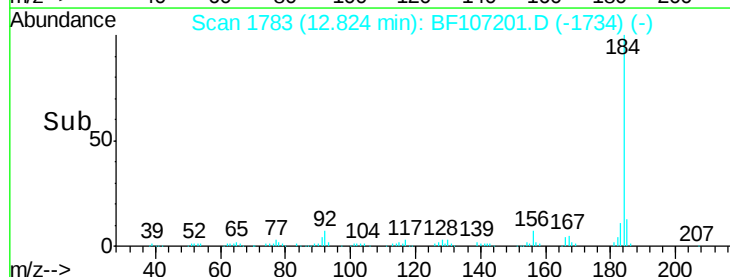
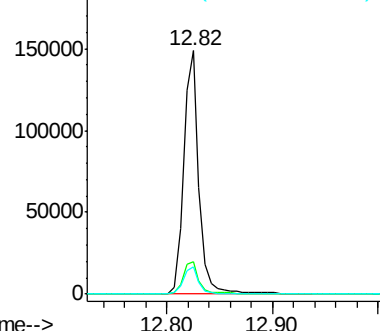
183 11.4 9.3 13.9

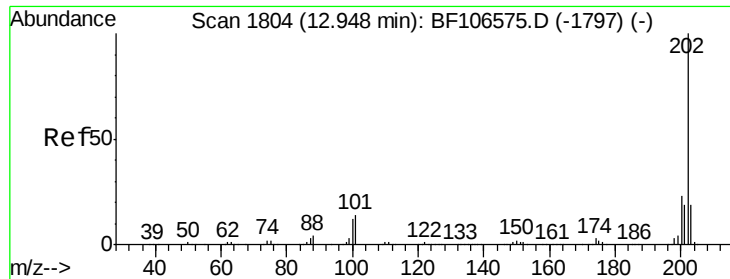


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

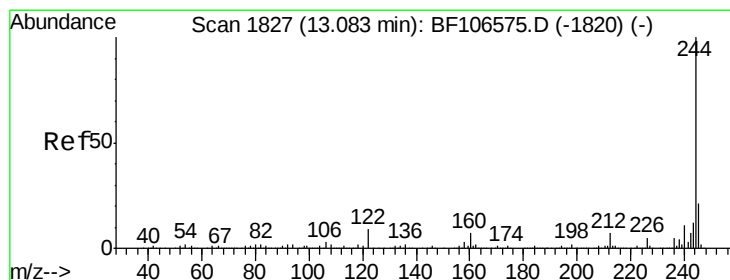
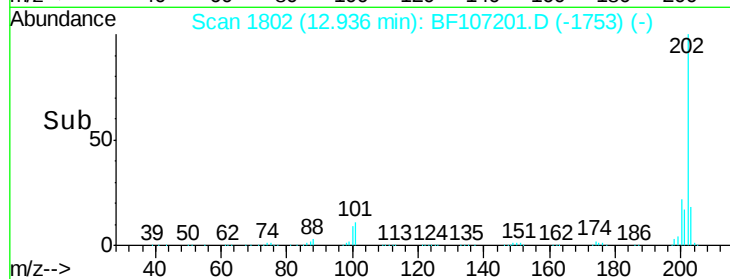
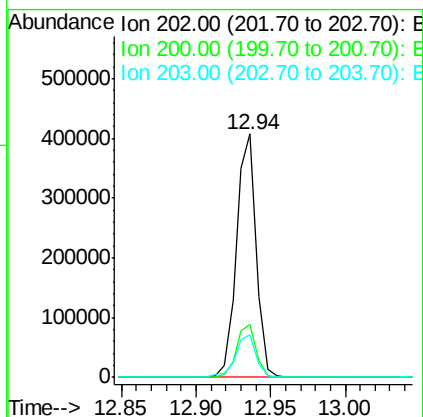
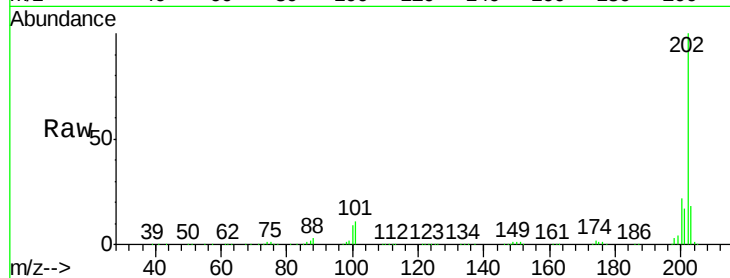




#77
 Pyrene
 Concen: 38.356 ng
 RT: 12.94 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

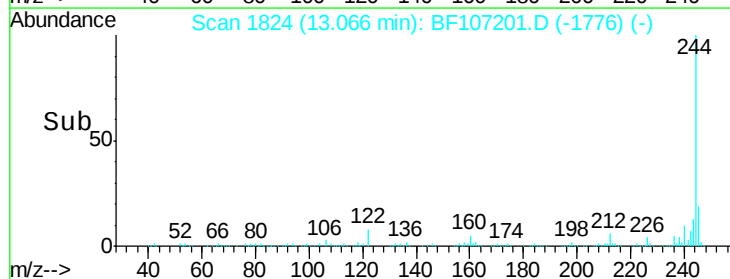
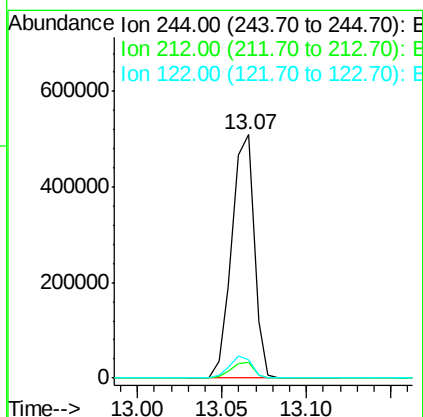
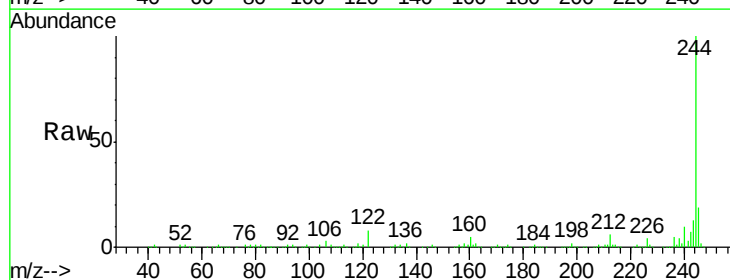
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72MS

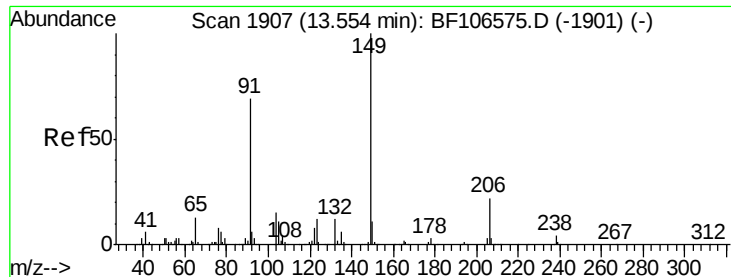
Tgt Ion: 202 Resp: 376411
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.4 26.2
 203 17.5 14.3 21.5



#78
 Terphenyl-d14
 Concen: 76.809 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

Tgt Ion: 244 Resp: 471898
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 7.5 11.0 16.4#

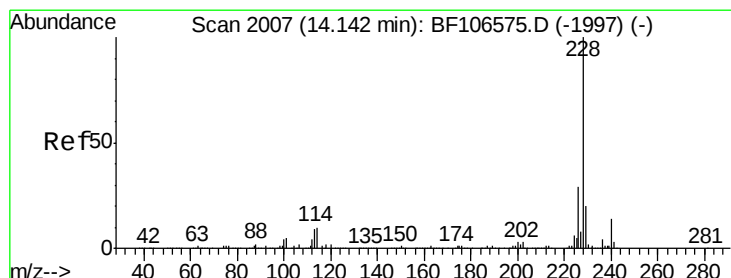
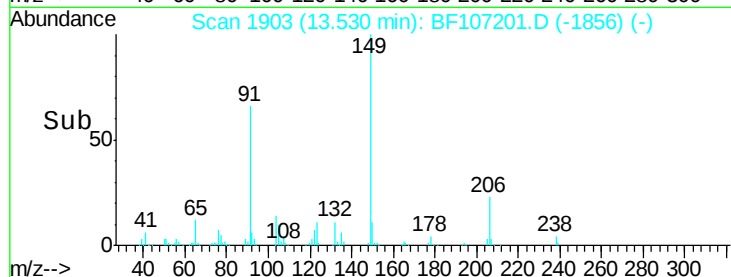
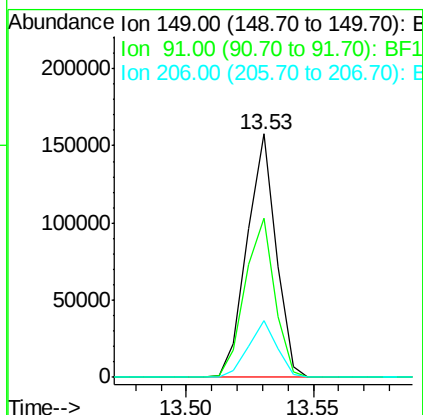
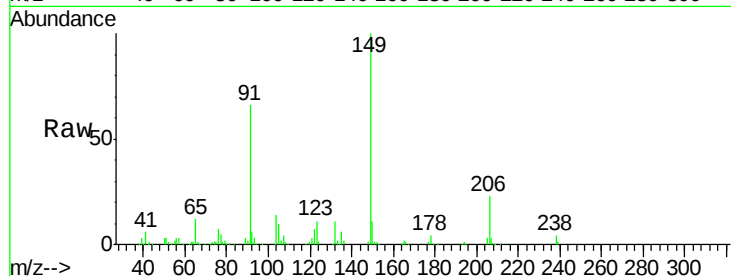




#79
Butylbenzylphthalate
Concen: 31.206 ng
RT: 13.53 min Scan# 1903
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

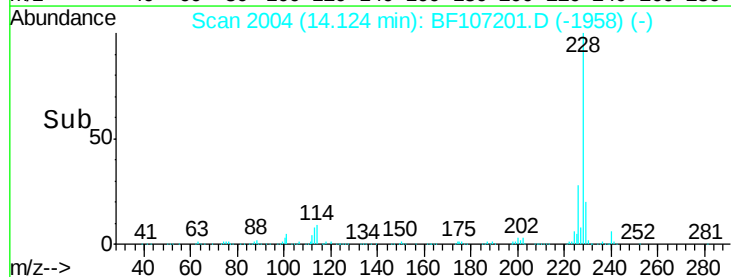
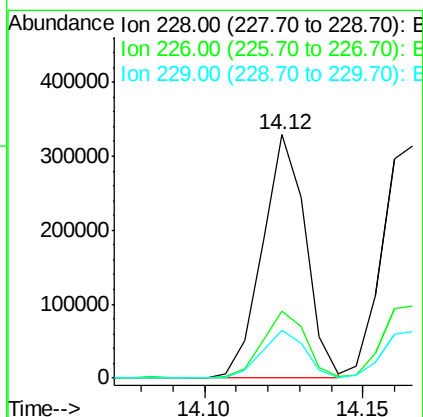
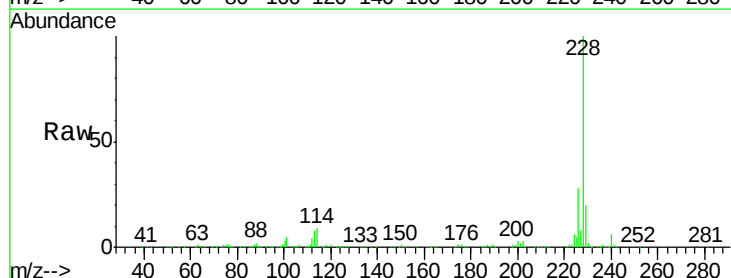
Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MS

Tgt Ion:149 Resp: 125914
Ion Ratio Lower Upper
149 100
91 65.6 56.8 85.2
206 23.2 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 34.309 ng
RT: 14.12 min Scan# 2004
Delta R.T. -0.03 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

Tgt Ion:228 Resp: 311186
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 19.8 15.8 23.6

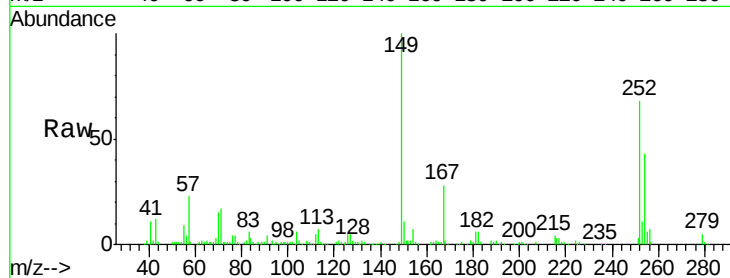




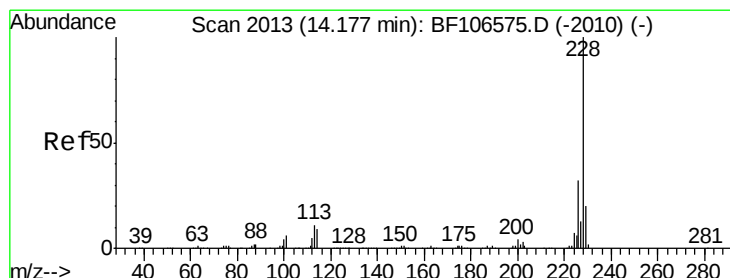
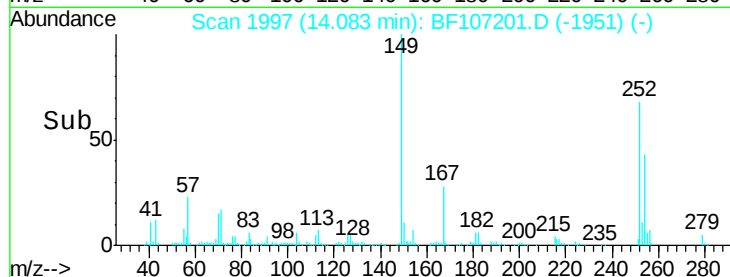
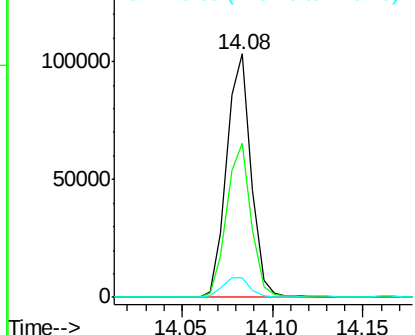
#81
 3,3'-Dichlorobenzidine
 Concen: 30.574 ng
 RT: 14.08 min Scan# 1997
 Delta R.T. -0.03 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72MS

Tgt Ion: 252 Resp: 97462
 Ion Ratio Lower Upper
 252 100
 254 63.5 50.4 75.6
 126 7.8 11.3 16.9#

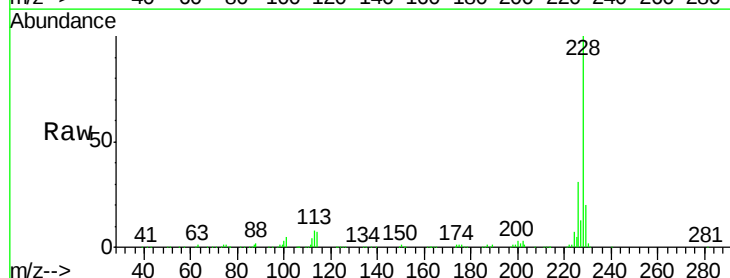


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

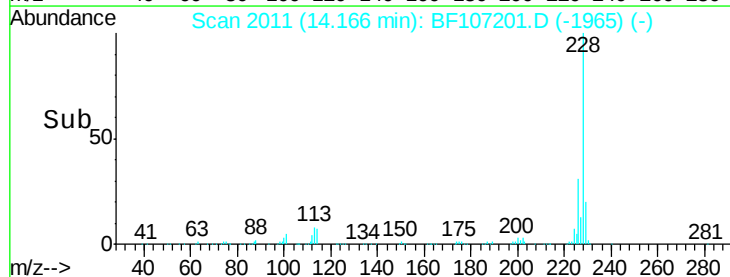
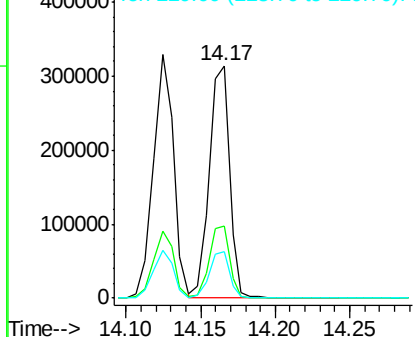


#82
 Chrysene
 Concen: 35.630 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.03 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

Tgt Ion: 228 Resp: 297315
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 19.8 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: 30.278 ng

RT: 14.08 min Scan# 1996

Delta R.T. -0.04 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72MS

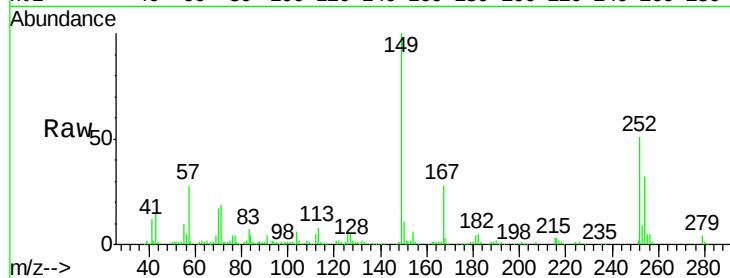
Tgt Ion:149 Resp: 156189

Ion Ratio Lower Upper

149 100

167 28.0 21.3 31.9

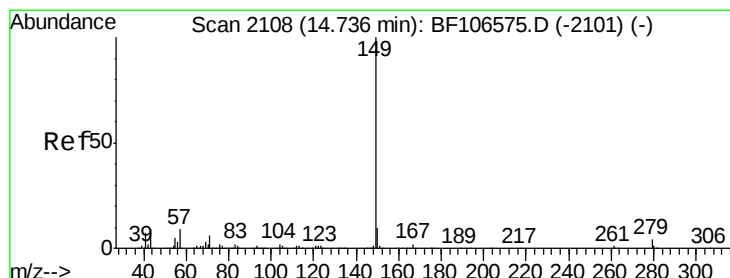
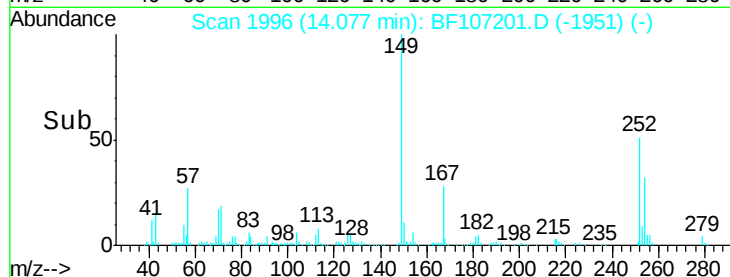
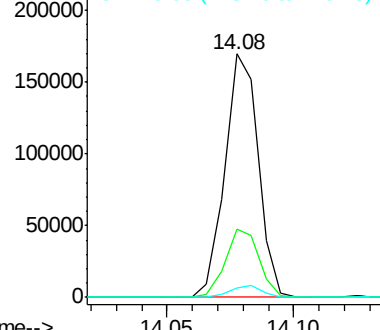
279 4.1 3.0 4.4



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: 32.373 ng

RT: 14.71 min Scan# 2103

Delta R.T. -0.06 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

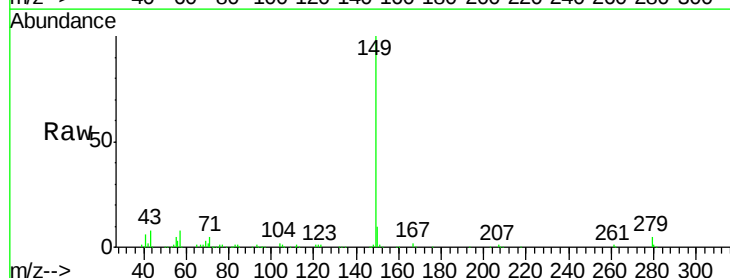
Tgt Ion:149 Resp: 272212

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

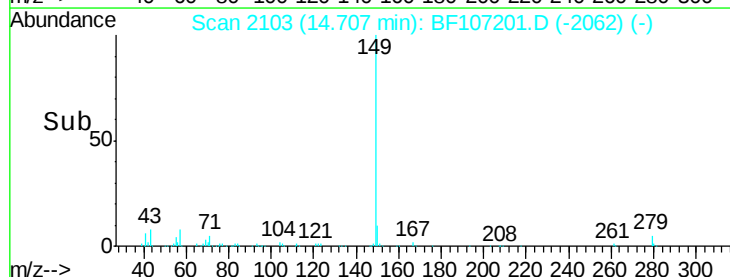
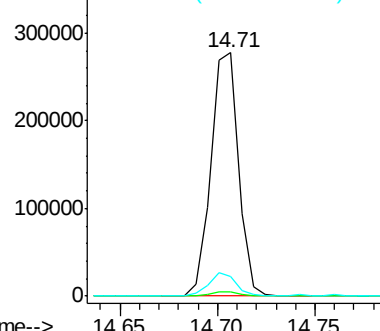
43 8.8 8.4 12.6

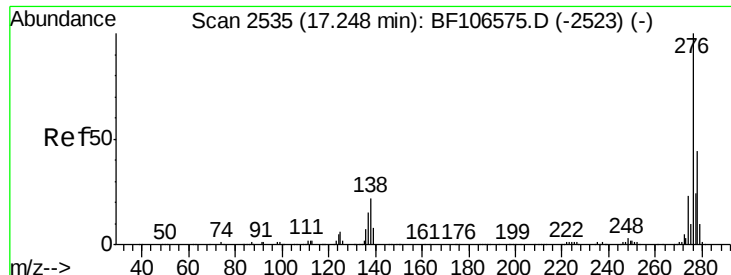


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

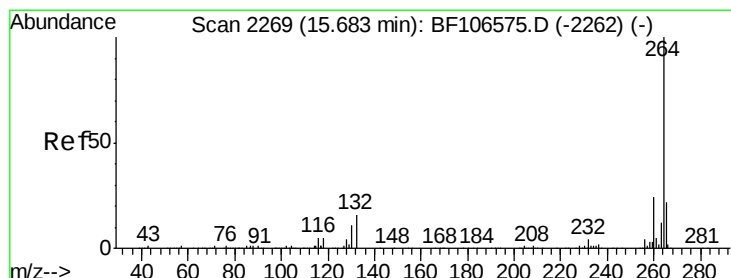
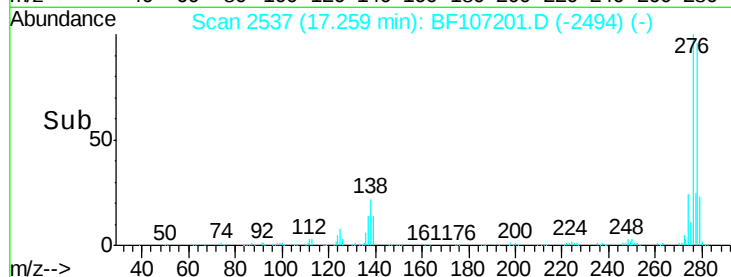
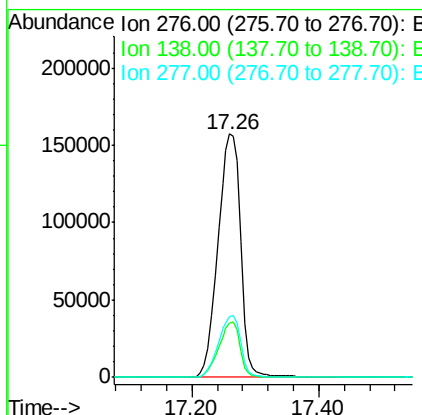
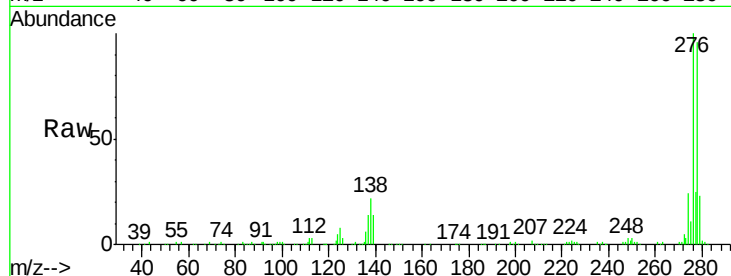




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.932 ng
 RT: 17.26 min Scan# 2537
 Delta R.T. -0.05 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

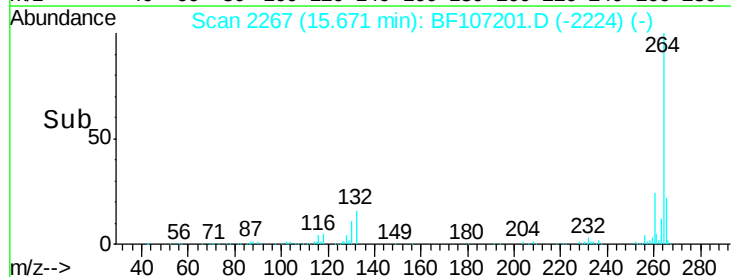
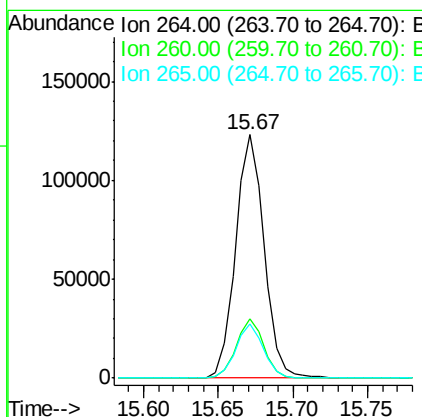
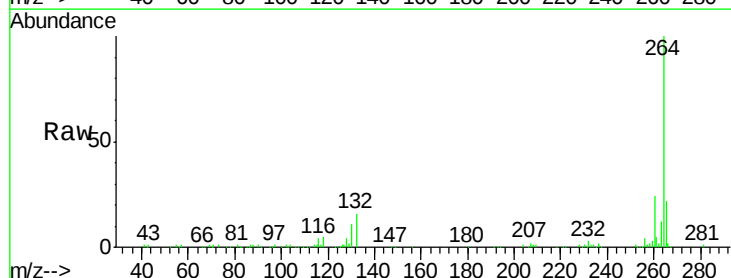
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72MS

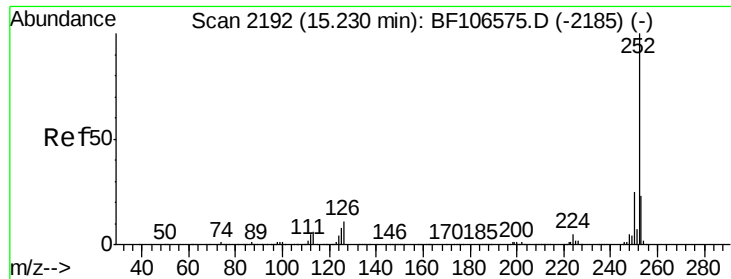
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.3	25.0	37.6#
277	24.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.05 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.1	17.5	26.3

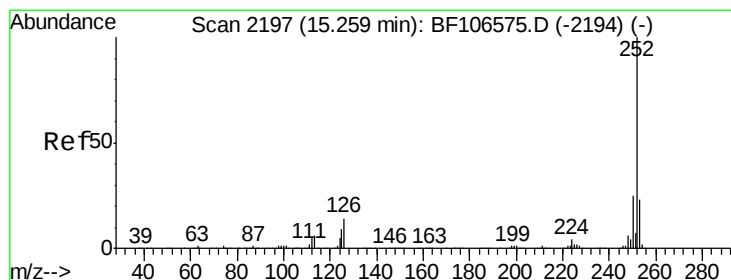
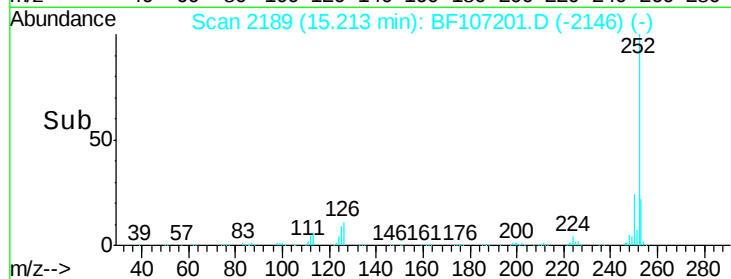
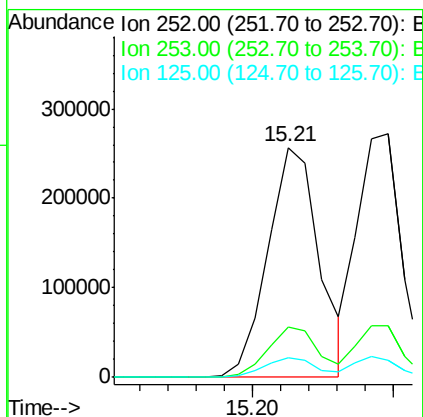
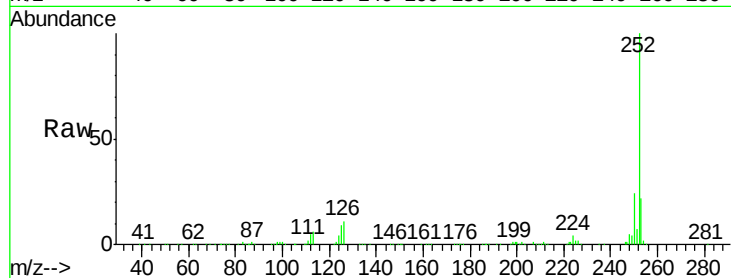




#87
Benzo(b)fluoranthene
Concen: 31.918 ng
RT: 15.21 min Scan# 2189
Delta R.T. -0.05 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

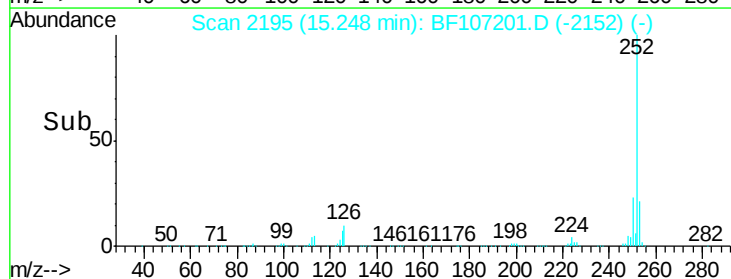
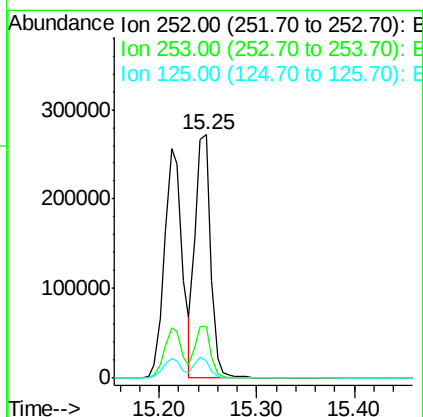
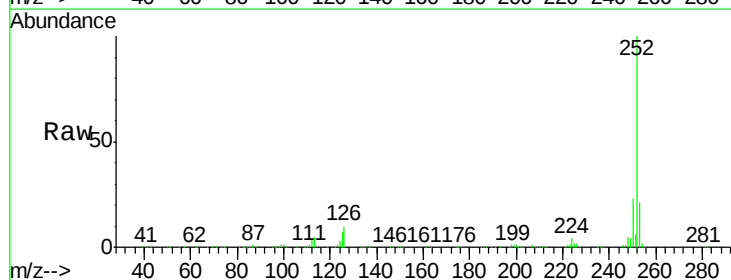
Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MS

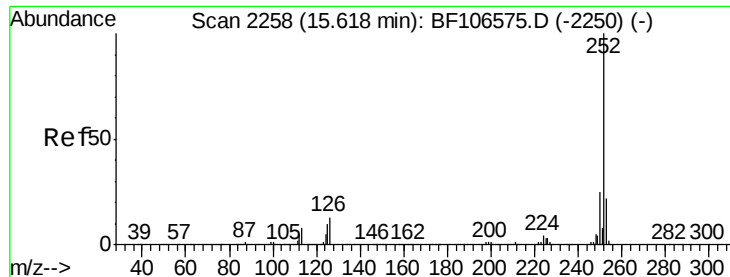
Tgt Ion:252 Resp: 324752
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 8.7 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 30.968 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.05 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

Tgt Ion:252 Resp: 300049
Ion Ratio Lower Upper
252 100
253 21.3 17.9 26.9
125 7.3 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 35.177 ng

RT: 15.61 min Scan# 2256

Delta R.T. -0.05 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72MS

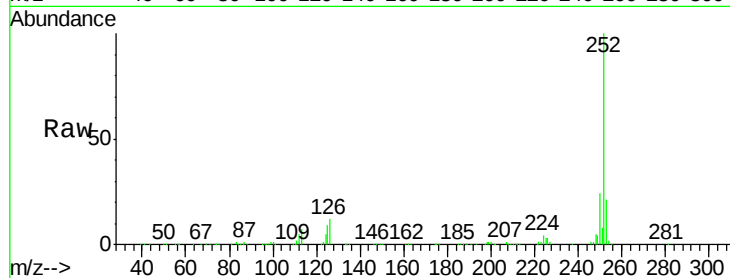
Tgt Ion:252 Resp: 318170

Ion Ratio Lower Upper

252 100

253 20.9 17.1 25.7

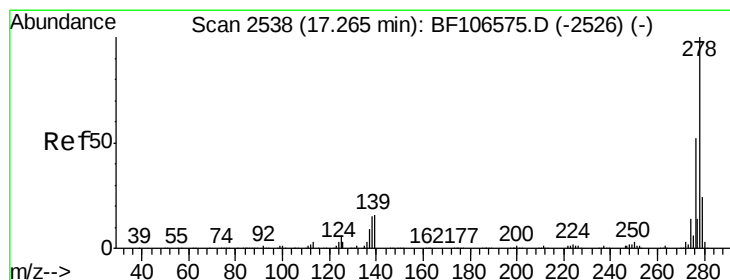
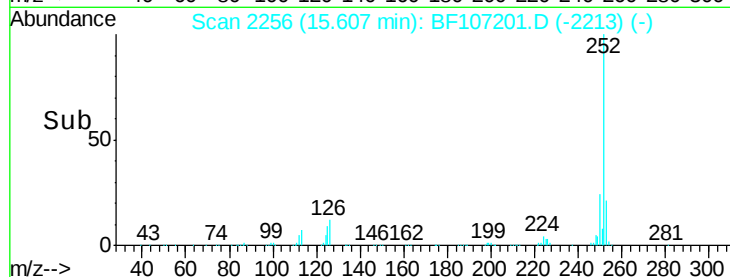
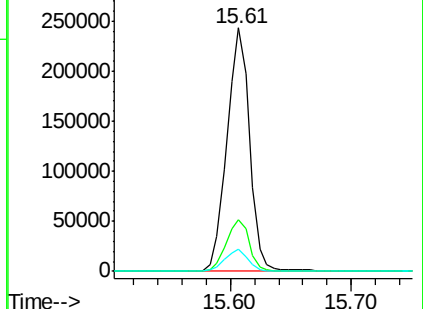
125 9.2 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.259 ng

RT: 17.27 min Scan# 2538

Delta R.T. -0.06 min

Lab File: BF107201.D

Acq: 7 Jul 2018 12:56

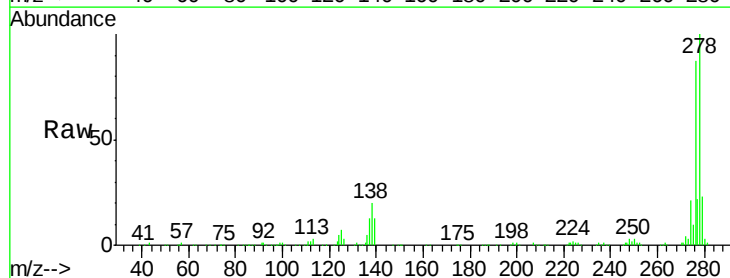
Tgt Ion:278 Resp: 331599

Ion Ratio Lower Upper

278 100

139 13.5 15.9 23.9#

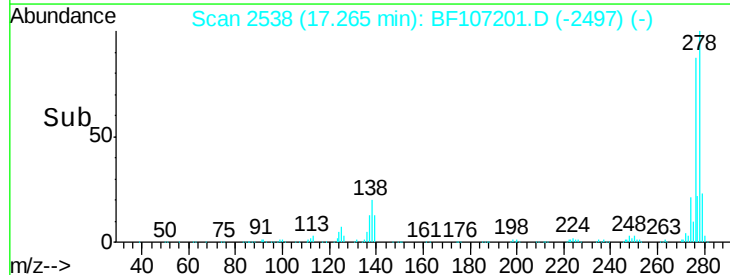
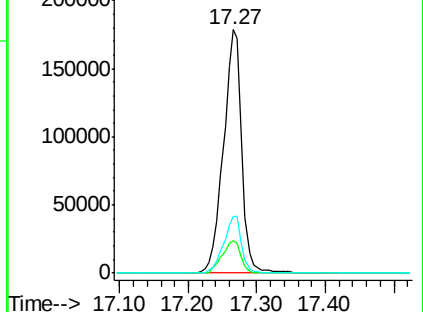
279 23.4 19.0 28.4

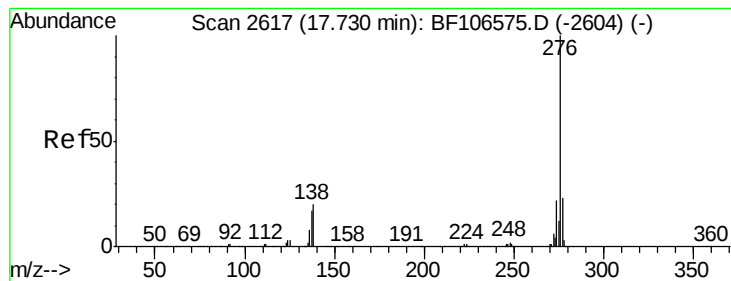


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 45.649 ng

RT: 17.74 min Scan# 2619

Delta R.T. -0.05 min

Lab File: BF107201.D

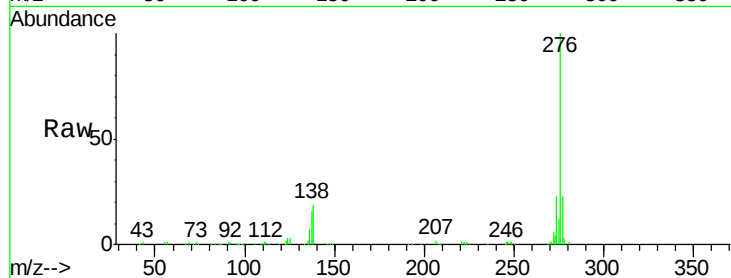
Acq: 7 Jul 2018 12:56

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72MS



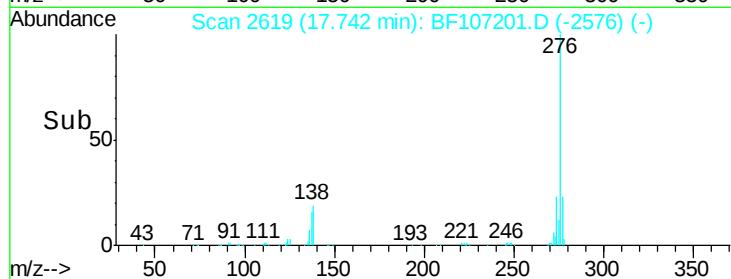
Tgt Ion: 276 Resp: 342019

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 18.8 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

17.74

