

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

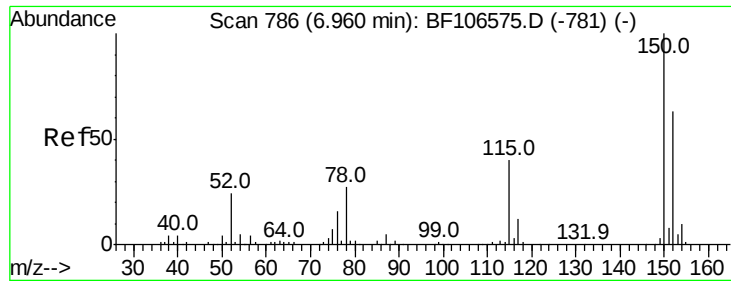
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	78573	30.755	nq	94
43) 2,4,5-Trichlorophenol	9.28	196	82194	30.832	nq	89
45) 1,1'-Biphenyl	9.41	154	319795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

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

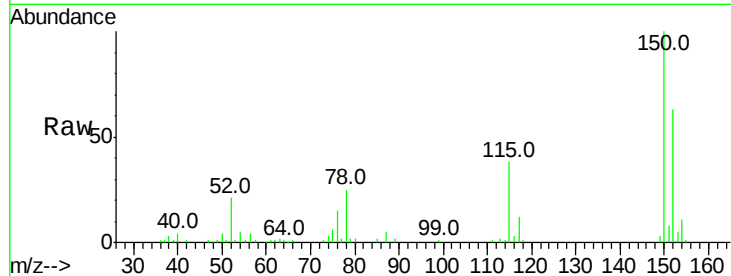


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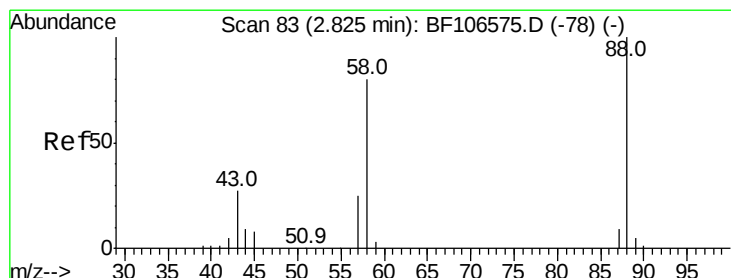
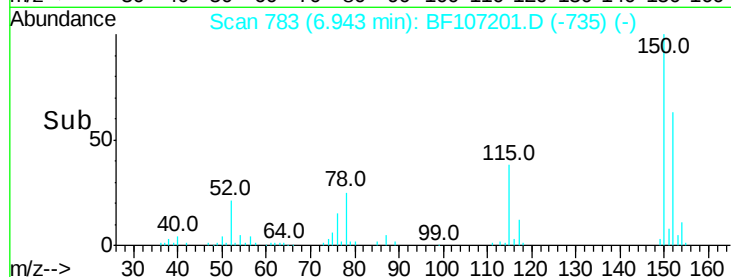
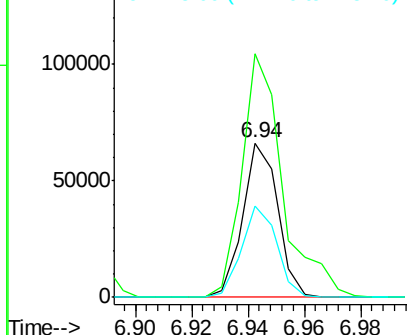
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

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

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



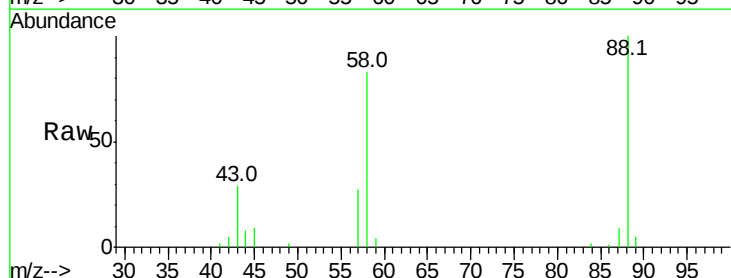
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



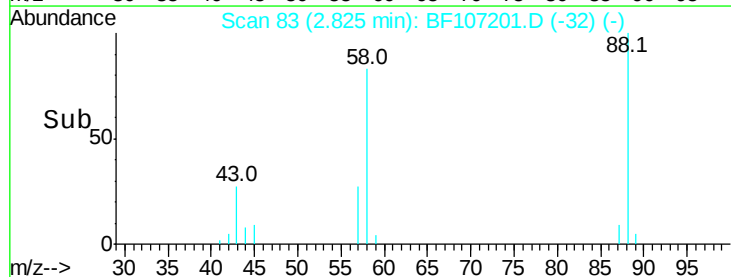
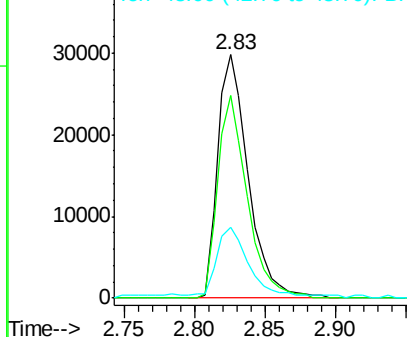
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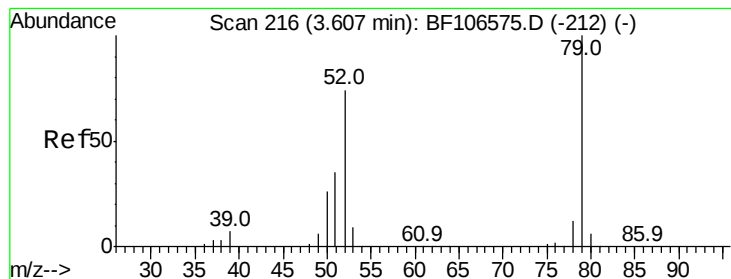
1,4-Dioxane
Concen: 25.855 ng
RT: 2.83 min Scan# 83
Delta R.T. 0.00 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

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

Pvridine

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

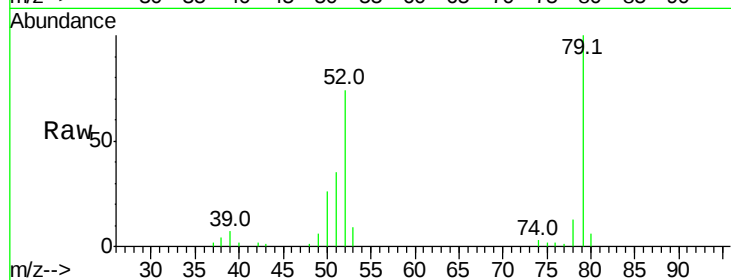
Tot Ion: 79 Resp: 132969

Ion Ratio Lower Upper

79 100

52 74.0 59.8 89.6

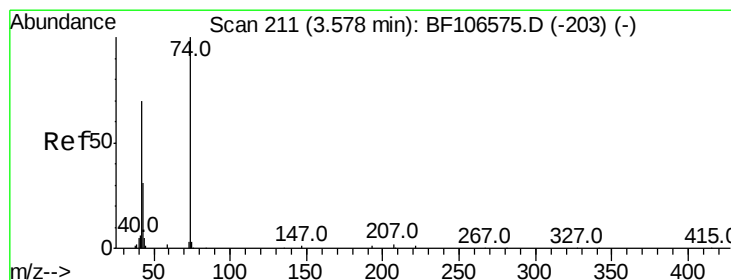
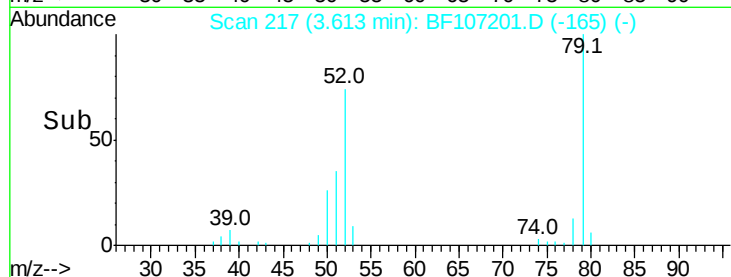
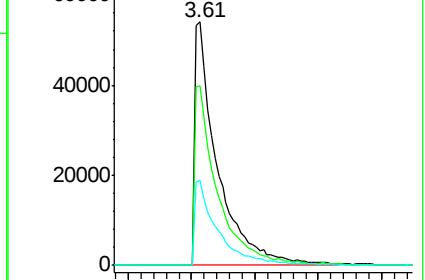
51 34.6 29.8 44.8



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

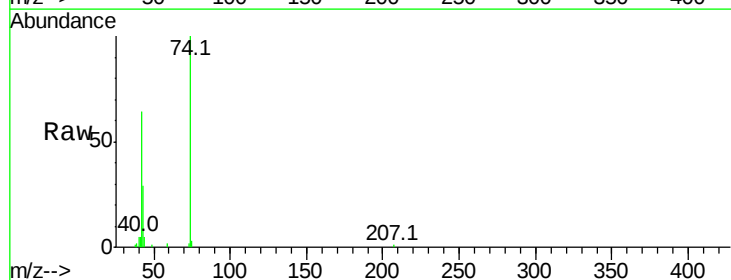
Tgt Ion: 42 Resp: 55512

Ion Ratio Lower Upper

42 100

74 157.5 104.9 157.3#

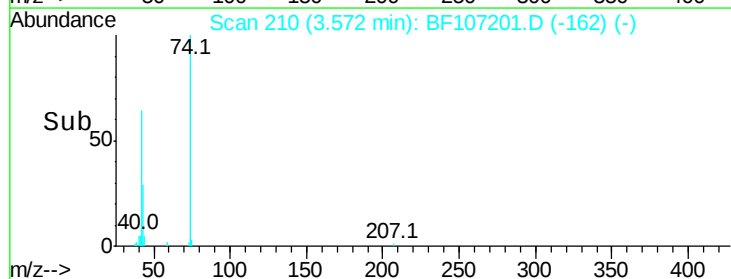
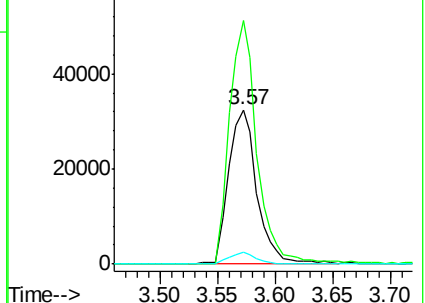
44 7.4 6.9 10.3

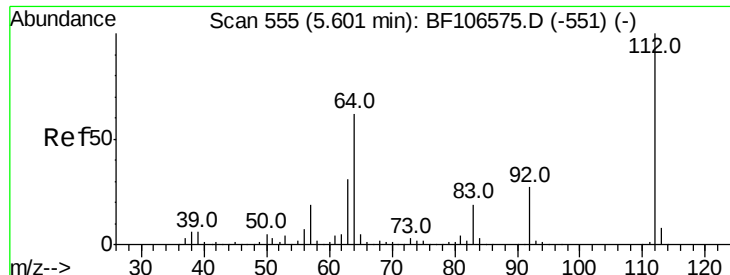


Abundance Ion 42.00 (41.70 to 42.70): BF1

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 :

BNA_F

ClientSampleId :

ZER-SB-03-11-72MS

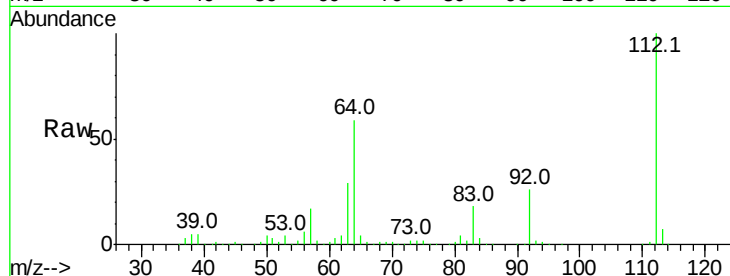
Tot Ion:112 Resp: 323050

Ion Ratio Lower Upper

112 100

64 59.4 47.9 71.9

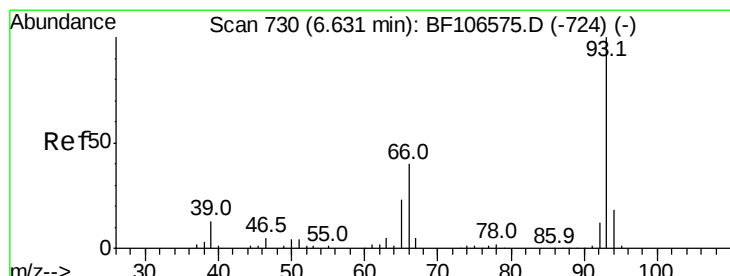
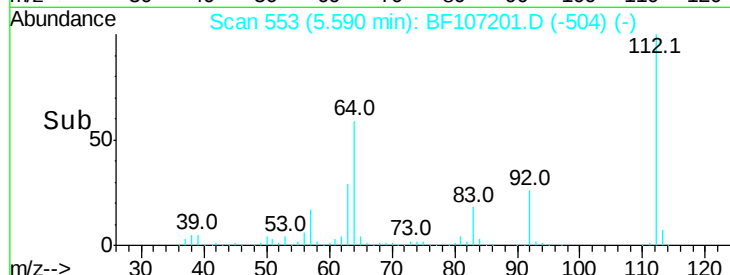
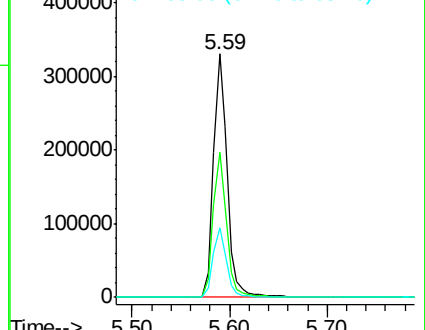
63 28.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

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

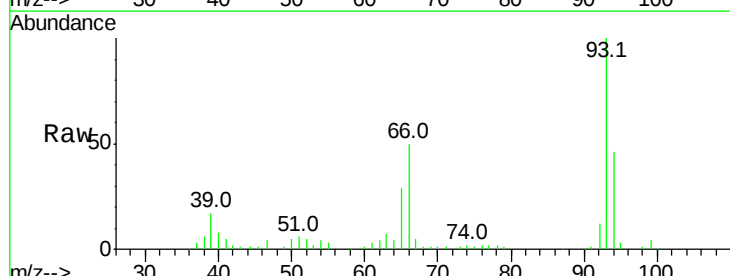
Tgt Ion: 93 Resp: 163028

Ion Ratio Lower Upper

93 100

66 50.3 32.2 48.2#

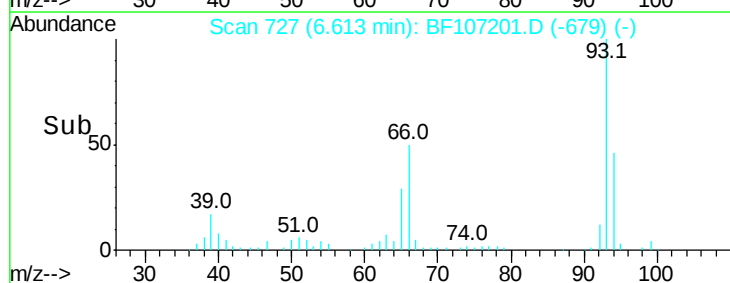
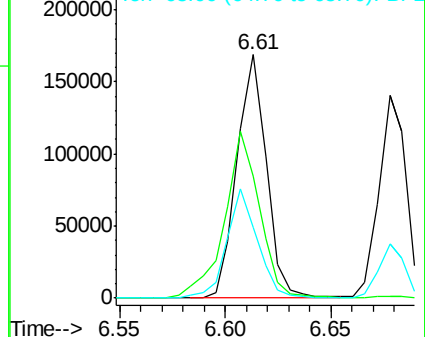
65 29.3 16.4 24.6#

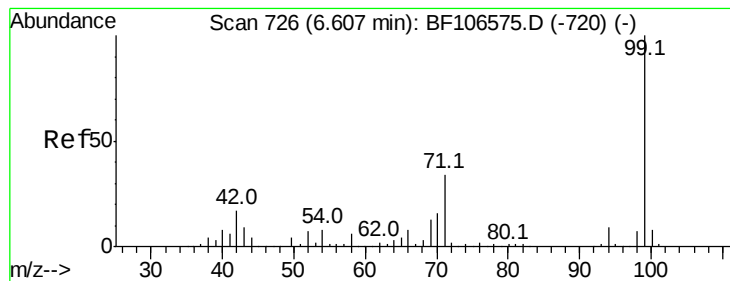


Abundance Ion 93.00 (92.70 to 93.70): BF1

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 :

ZER-SB-03-11-72MS

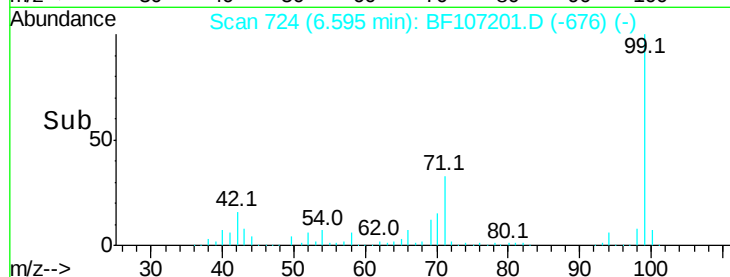
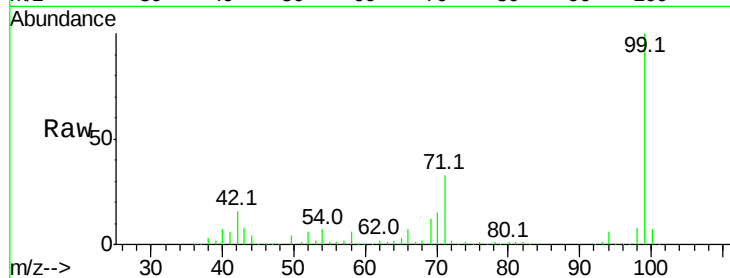
Tot Ion: 99 Resp: 403370

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

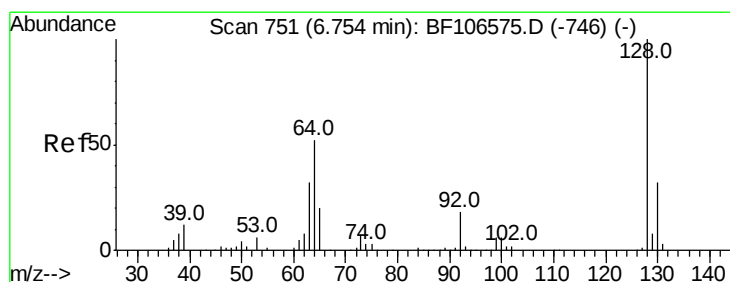
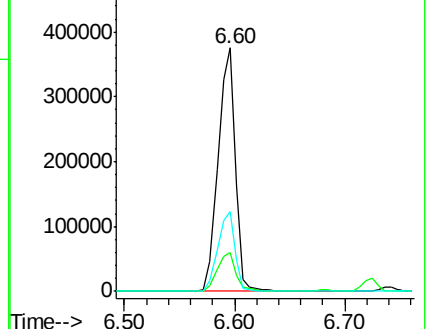
71 32.8 25.4 38.0



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

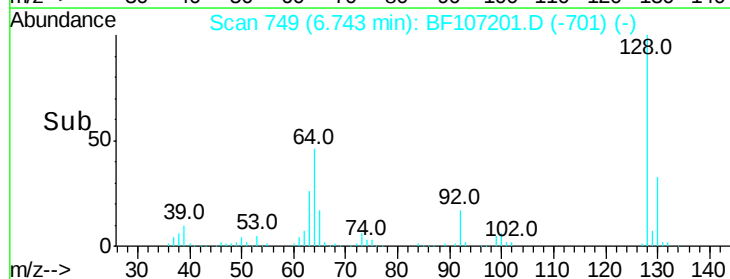
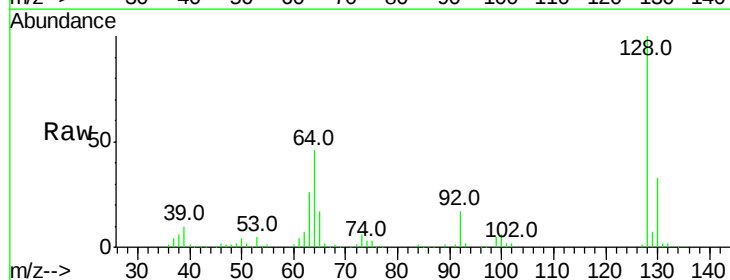
Tgt Ion: 128 Resp: 128696

Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

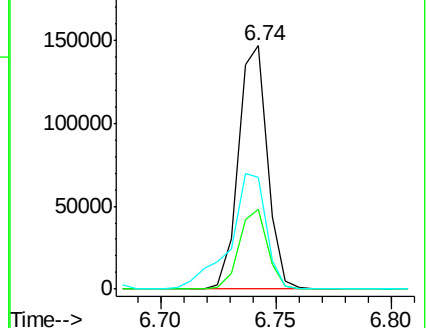
64 46.1 29.4 69.4

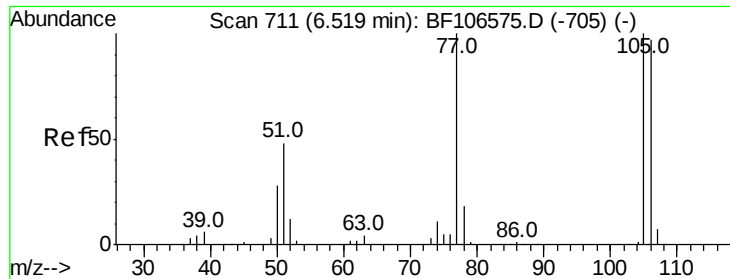


Abundance Ion 128.00 (127.70 to 128.70): E

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

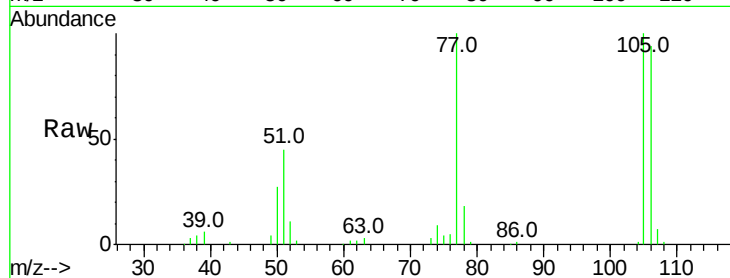
Tot Ion: 77 Resp: 65823

Ion Ratio Lower Upper

77 100

105 100.2 81.1 121.1

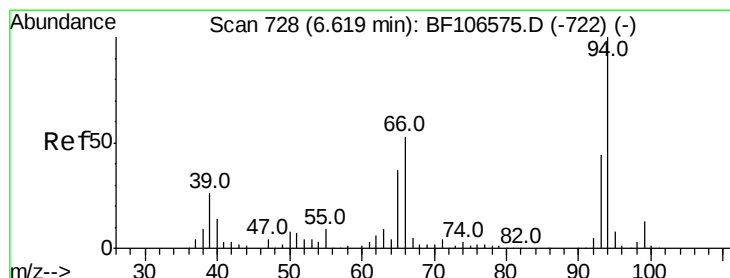
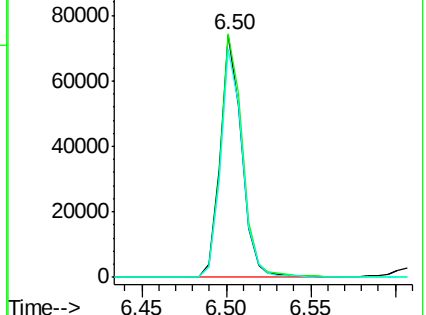
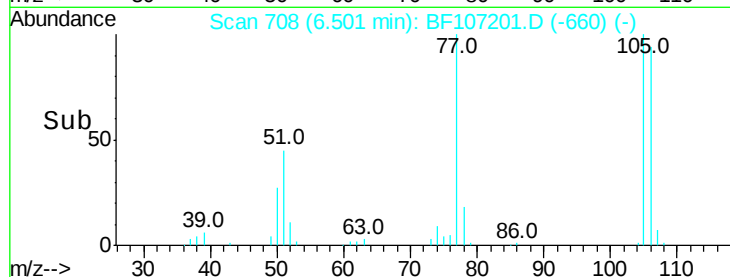
106 93.9 74.5 114.5



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

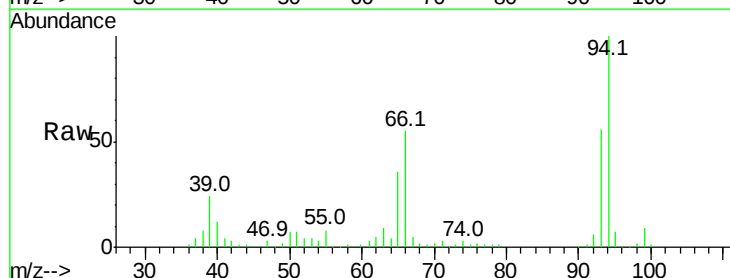
Tgt Ion: 94 Resp: 165099

Ion Ratio Lower Upper

94 100

65 36.5 7.9 47.9

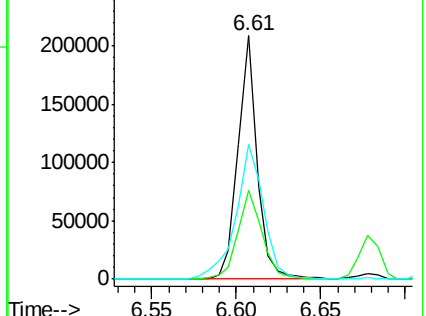
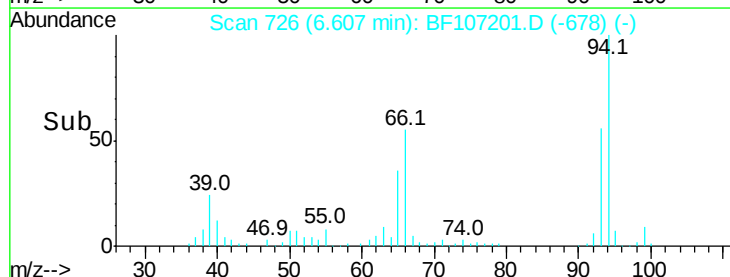
66 55.3 16.2 56.2

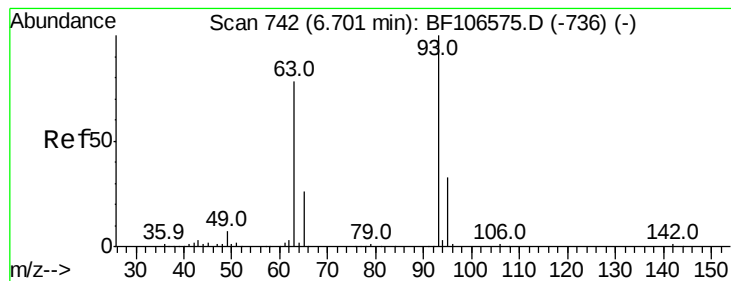


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

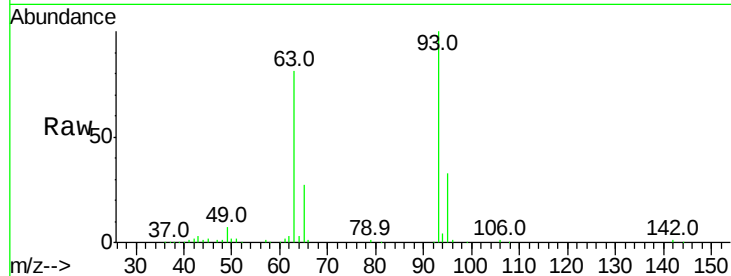




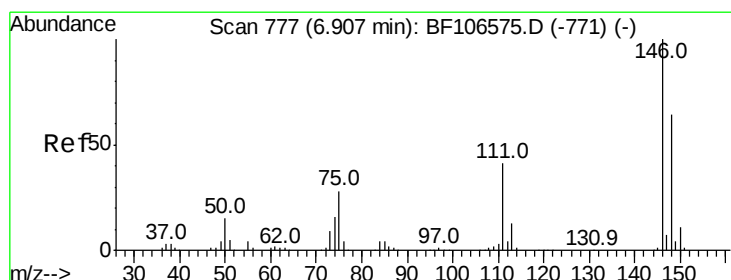
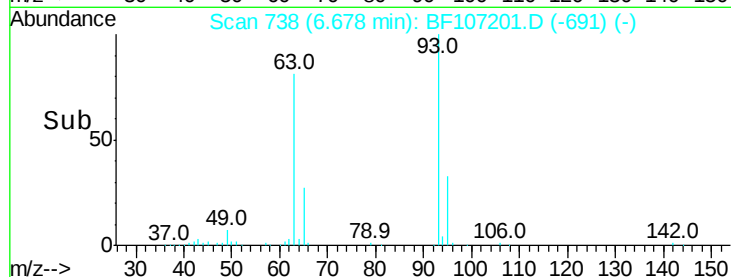
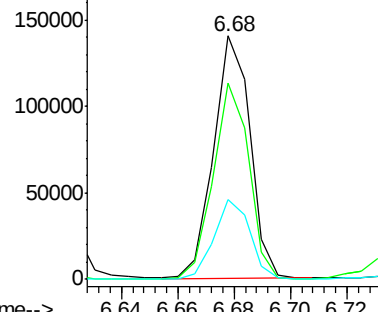
#11
bis(2-Chloroethyl)ether
Concen: 31.762 ng
RT: 6.68 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

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

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

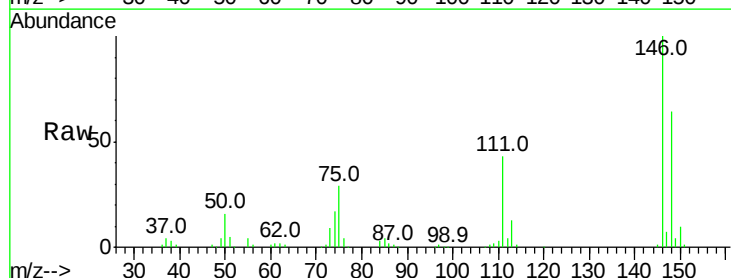


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

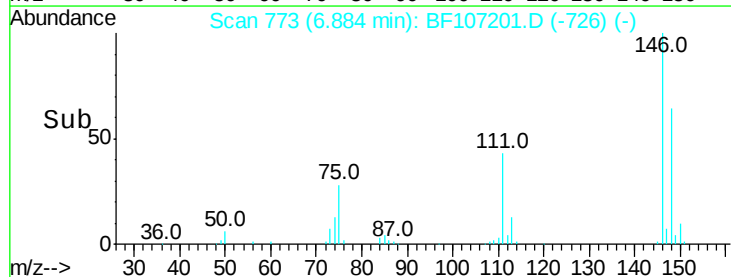
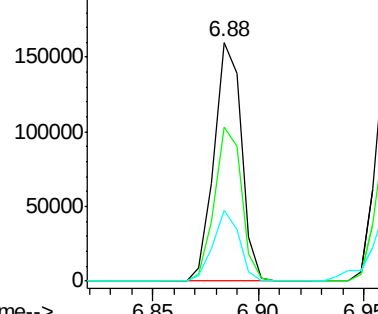


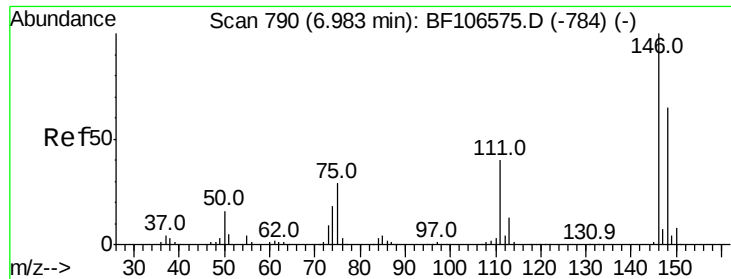
#12
1,3-Dichlorobenzene
Concen: 33.171 ng
RT: 6.88 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

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



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

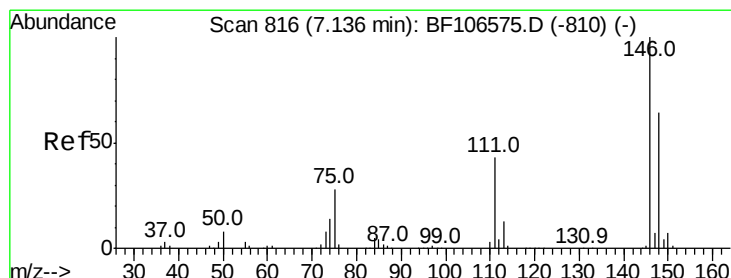
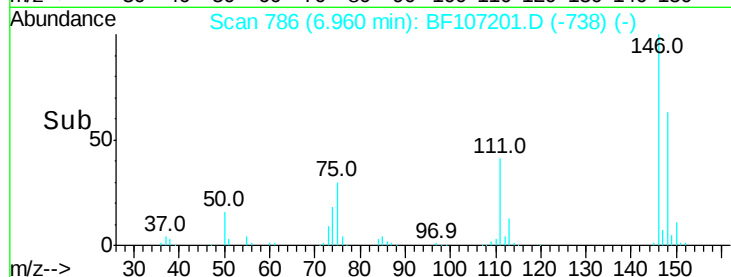
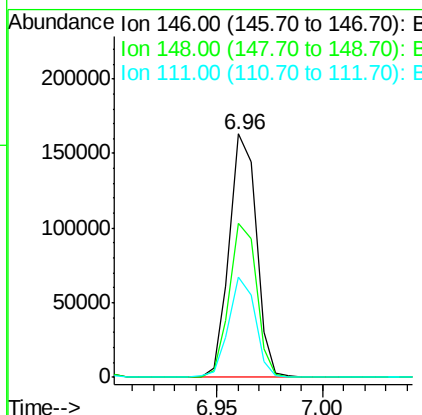
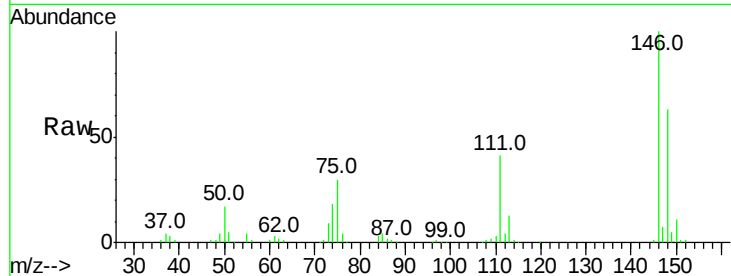




#13
 1,4-Dichlorobenzene
 Concen: 33.105 ng
 RT: 6.96 min Scan# 786
 Delta R.T. -0.02 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

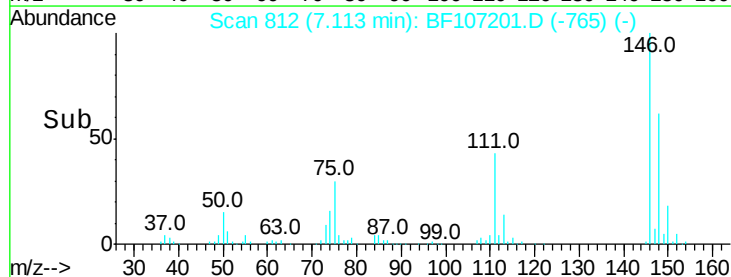
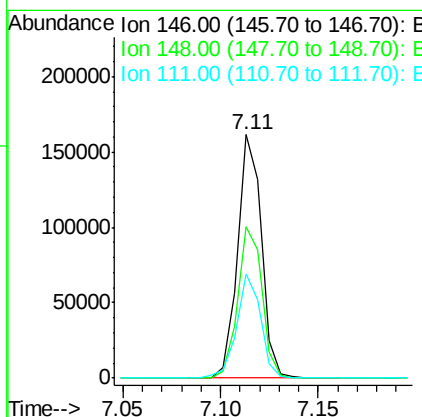
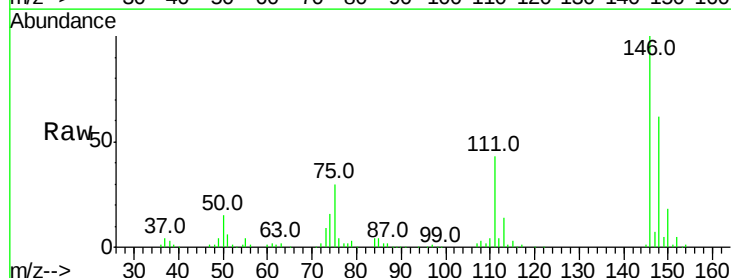
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72MS

Tot Ion:146 Resp: 144642
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.8 76.2
 111 41.0 34.2 51.2



#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

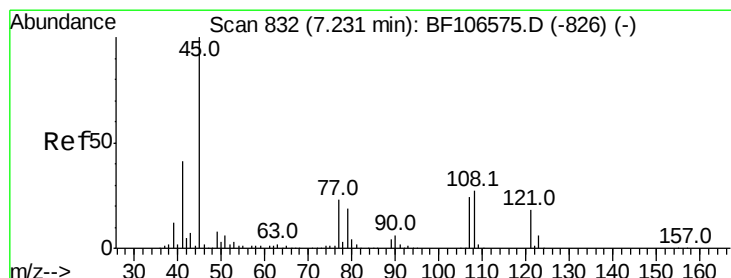
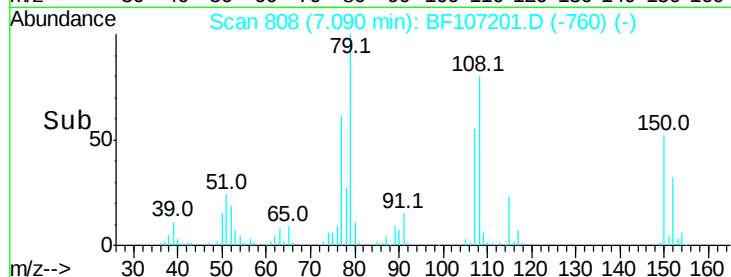
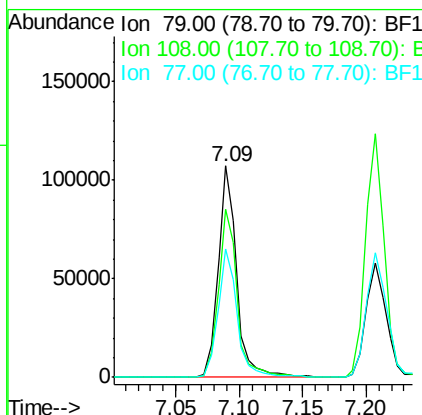
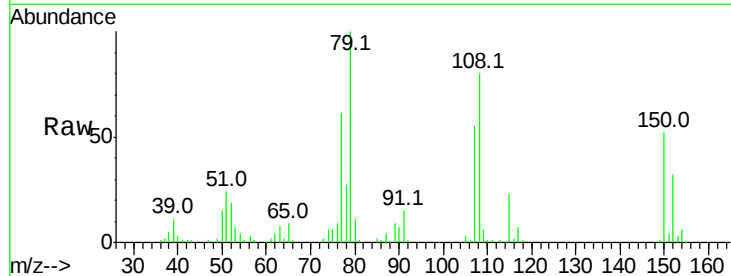




#15
Benzyl Alcohol
Concen: 32.742 ng
RT: 7.09 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

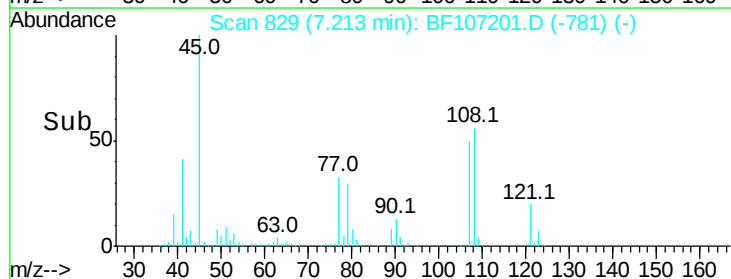
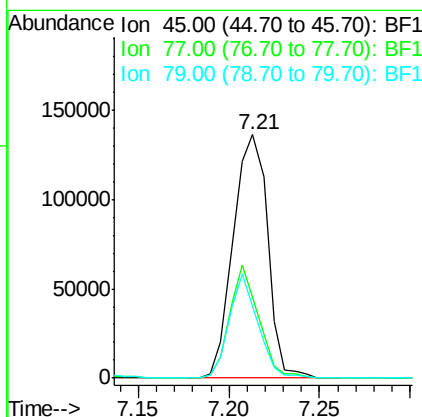
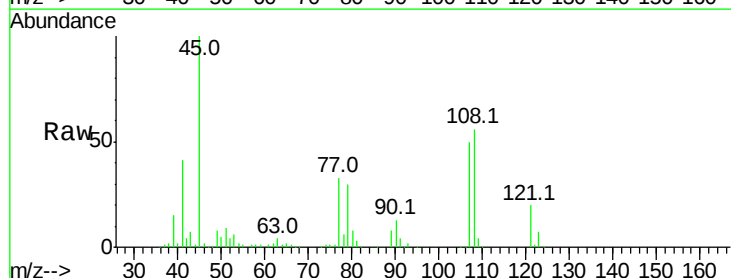
Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MS

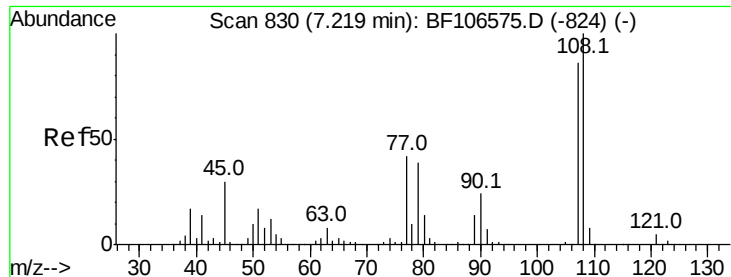
Tot Ion: 79 Resp: 110450
Ion Ratio Lower Upper
79 100
108 79.8 65.1 97.7
77 60.7 50.6 75.8



#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

Tot Ion:107 Resp: 109791

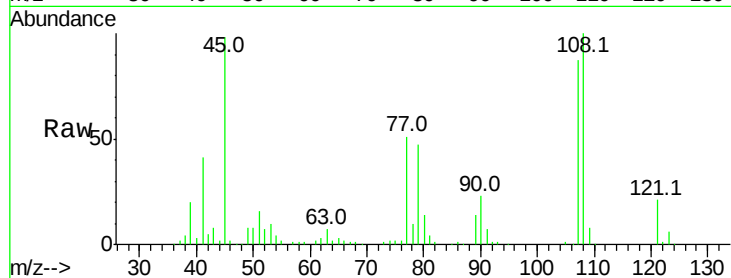
Ion Ratio Lower Upper

107 100

108 114.8 91.7 137.5

77 58.5 33.8 50.8#

79 54.0 33.8 50.8#

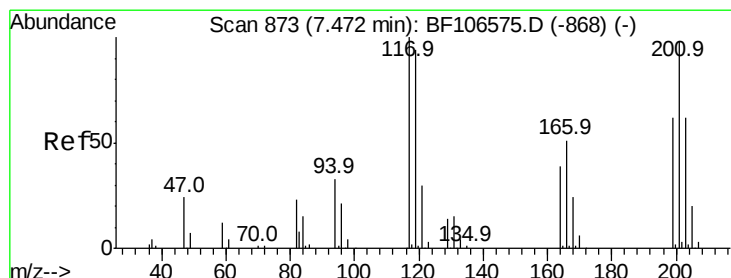
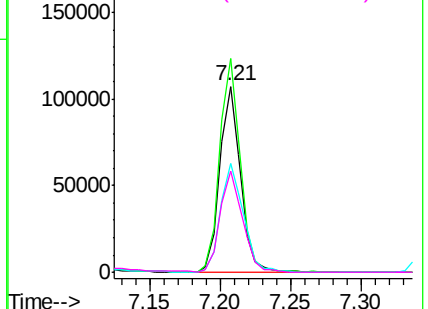
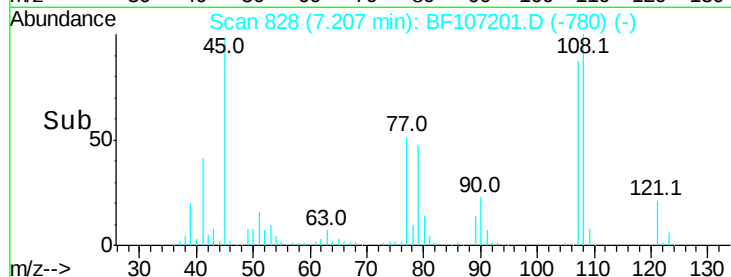


Abundance Ion 107.00 (106.70 to 107.70): E

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

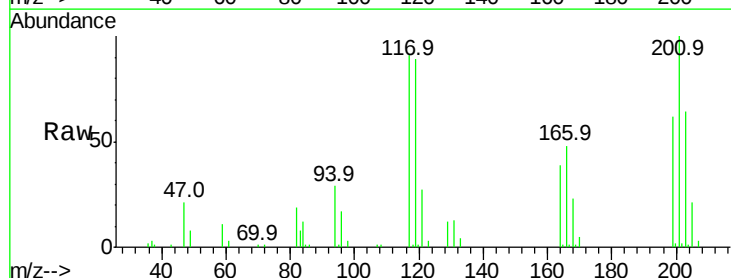
Tgt Ion:117 Resp: 48770

Ion Ratio Lower Upper

117 100

119 98.0 75.8 113.8

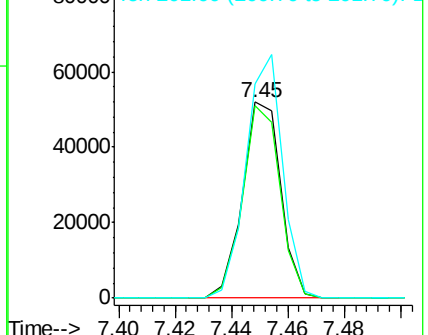
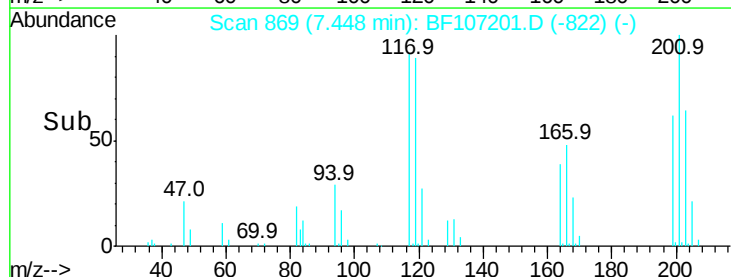
201 109.5 75.7 113.5



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

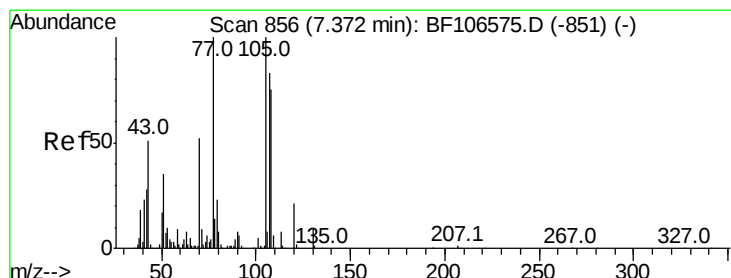
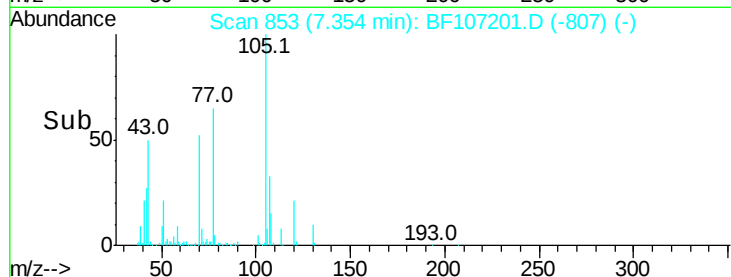
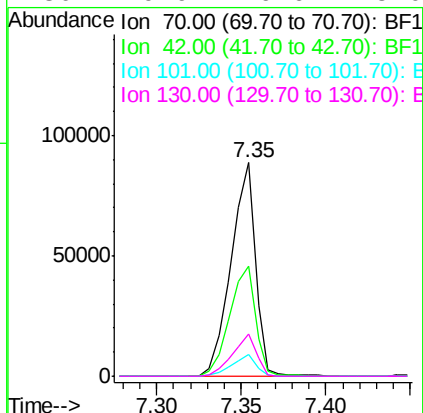
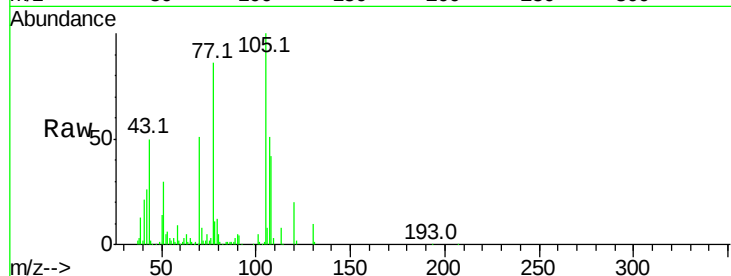




#19
n-Nitroso-di-n-propylamine
Concen: 32.248 ng
RT: 7.35 min Scan# 853
Delta R.T. -0.03 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

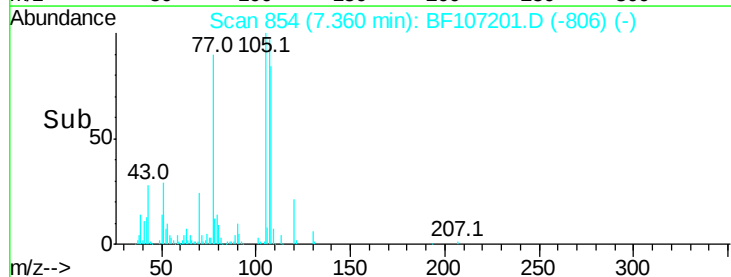
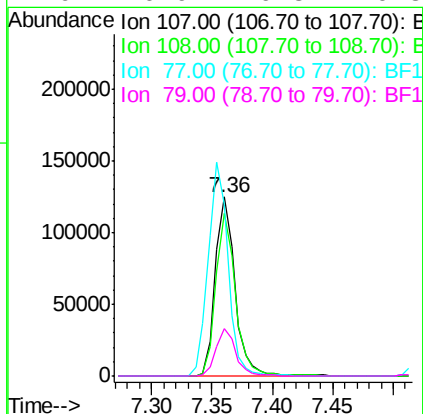
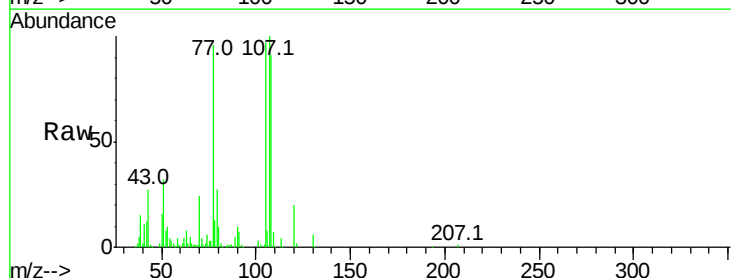
Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MS

Tot 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



#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

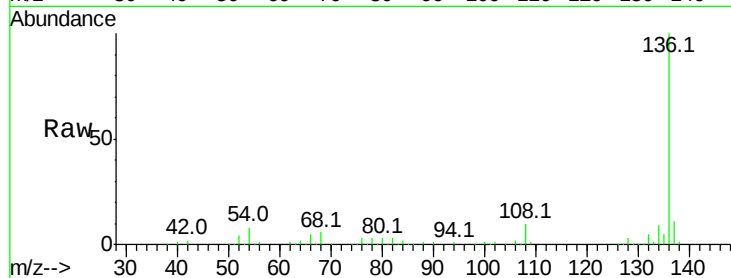




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

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

Tot 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

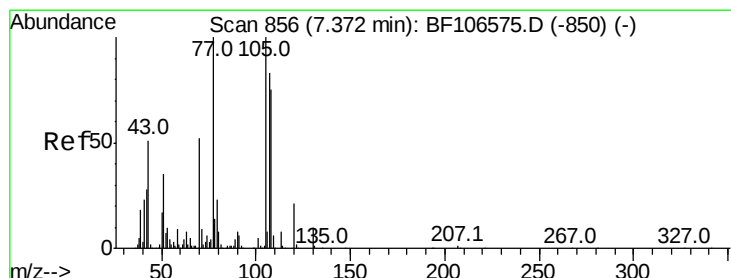
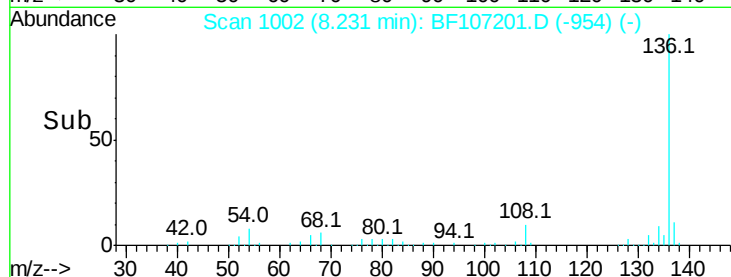
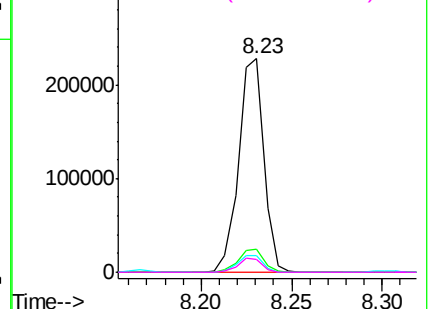


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

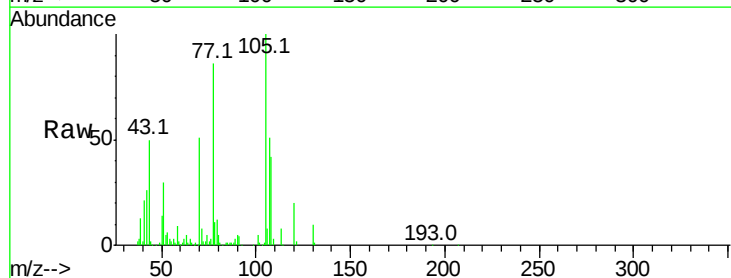
Ion 54.00 (53.70 to 54.70): BF1

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

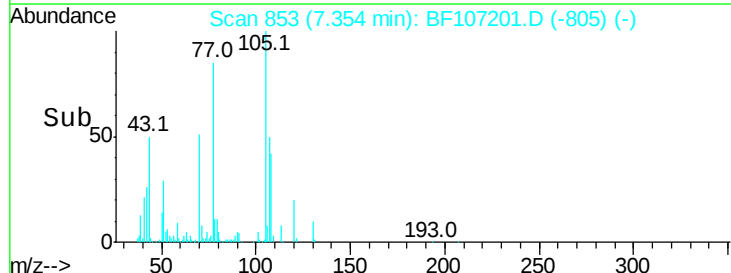
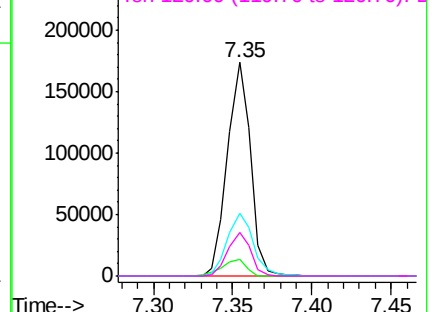


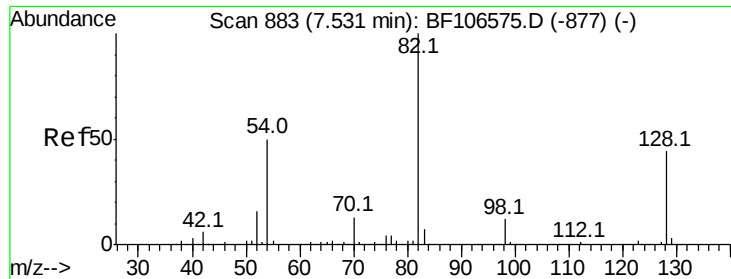
Abundance Ion 105.00 (104.70 to 105.70): E

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

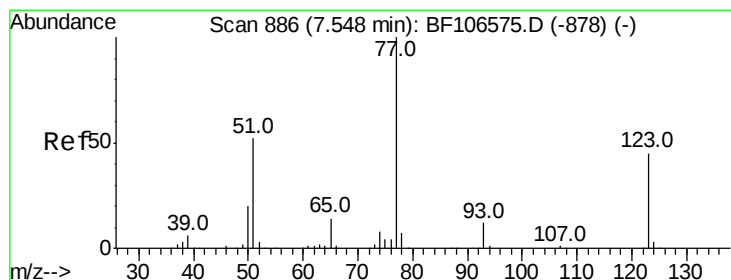
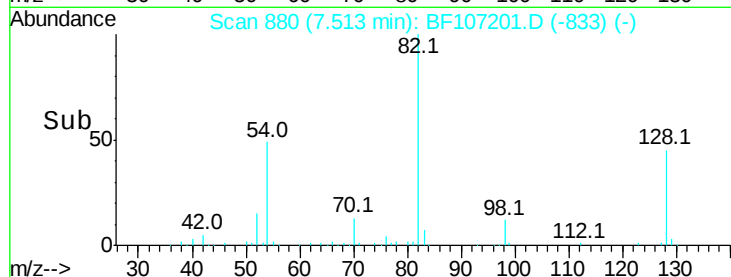
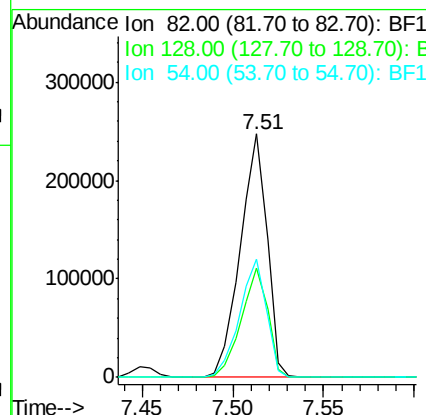
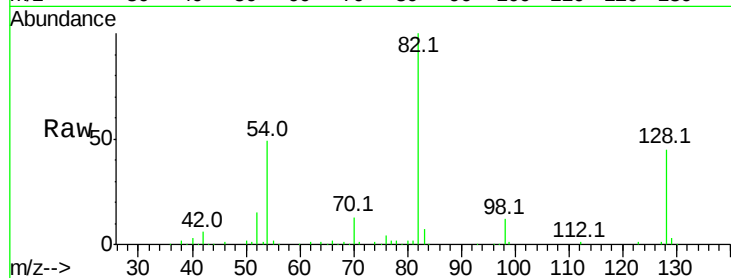




#23
 Nitrobenzene-d5
 Concen: 63.840 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

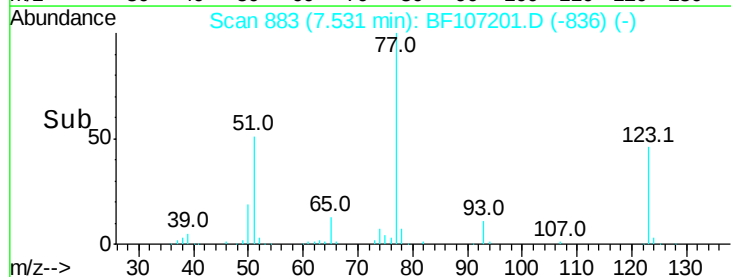
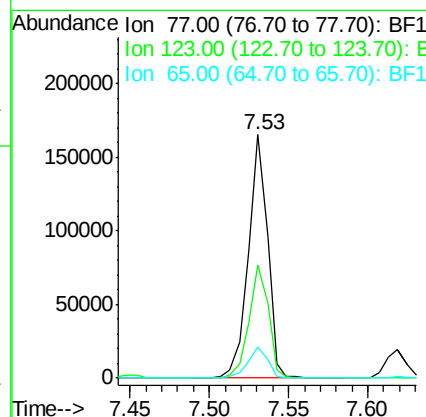
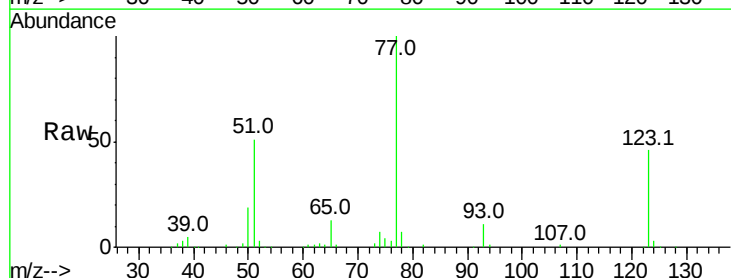
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72MS

Tot Ion	82	Resp	253479
Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	48.6	41.4	62.2



#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





#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

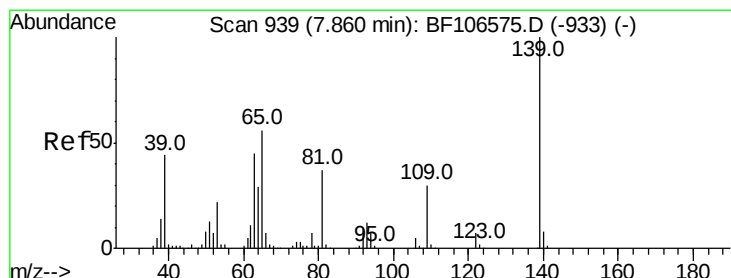
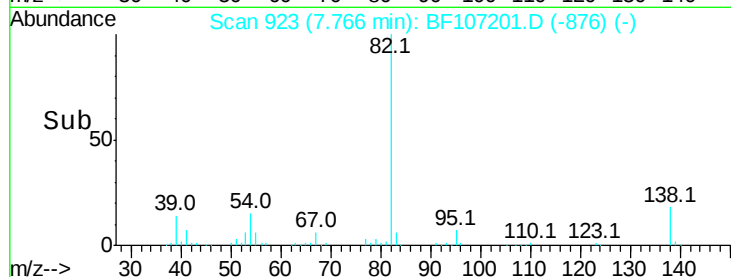
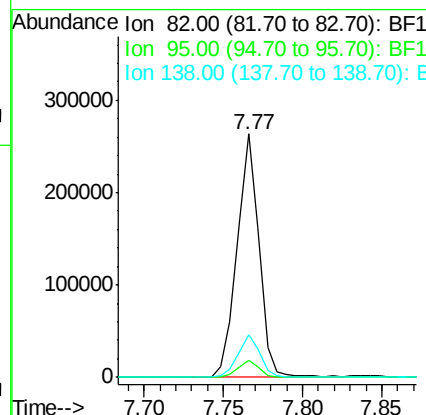
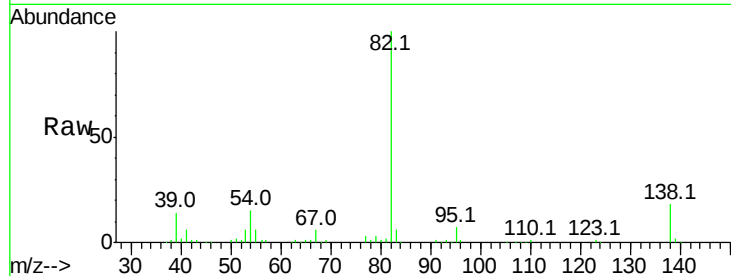
Tot Ion: 82 Resp: 254127

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

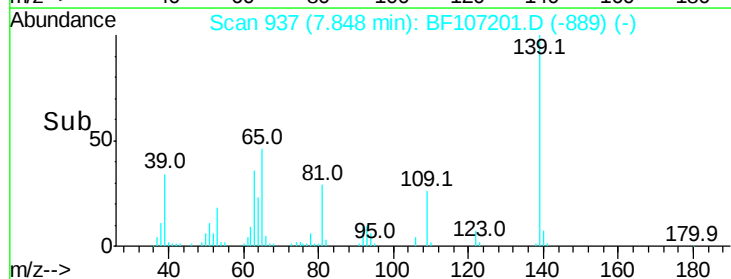
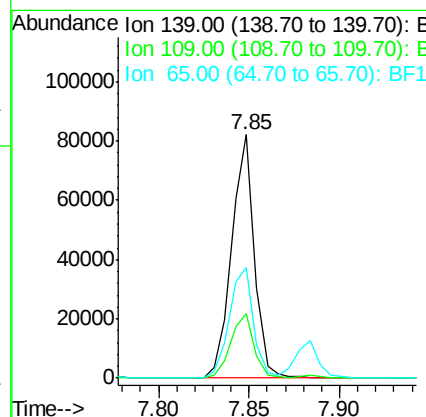
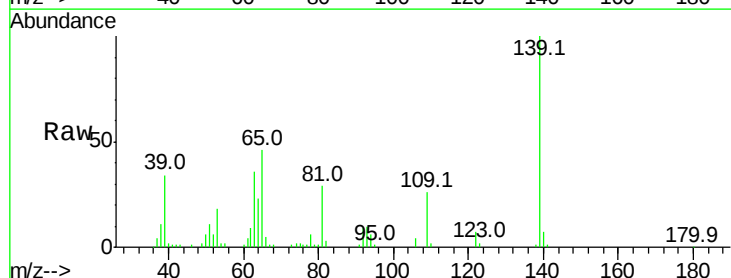
Tgt Ion: 139 Resp: 71892

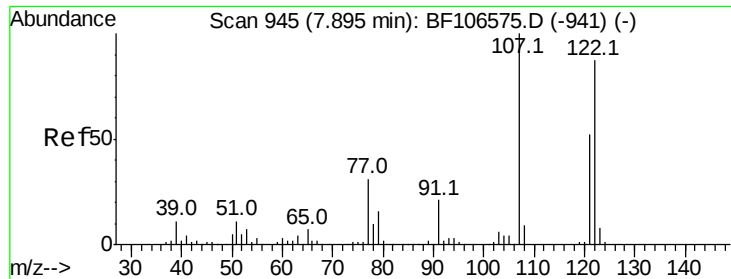
Ion Ratio Lower Upper

139 100

109 26.5 22.7 34.1

65 45.5 40.5 60.7

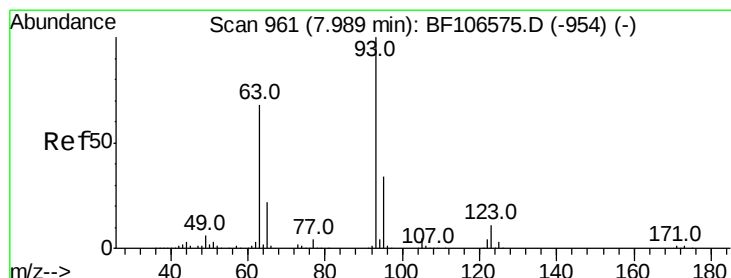
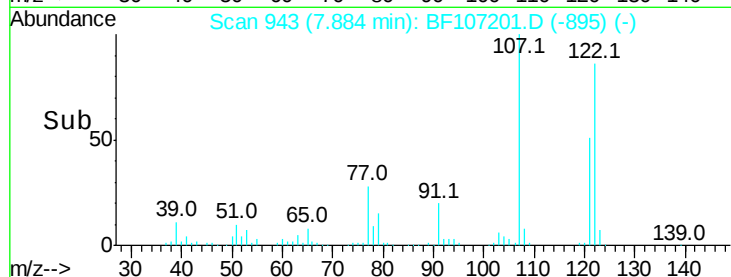
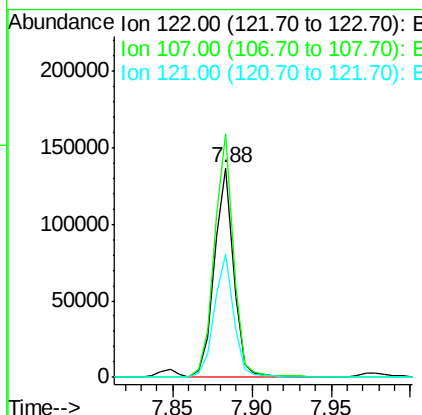
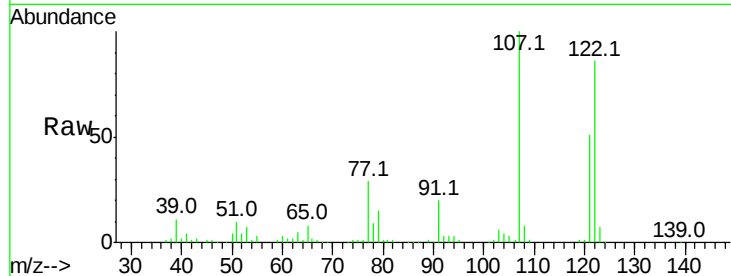




#27
2,4-Dimethylphenol
Concen: 39.448 ng
RT: 7.88 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

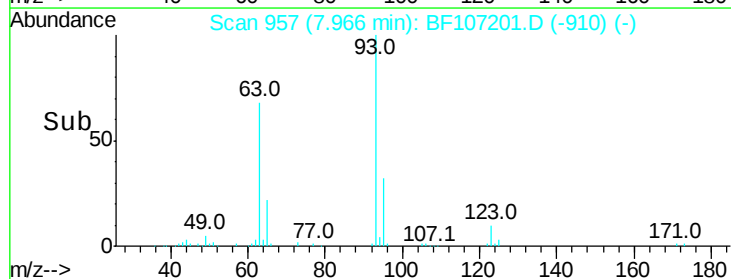
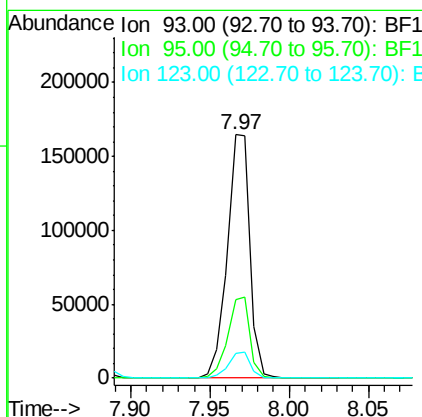
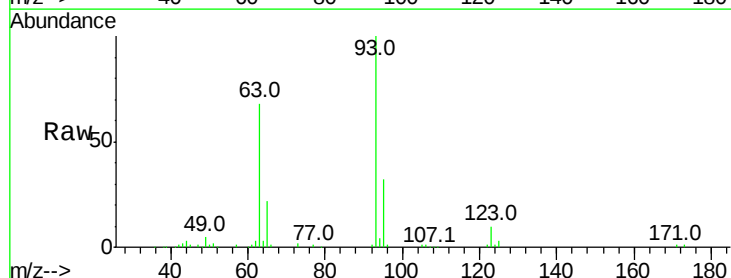
Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MS

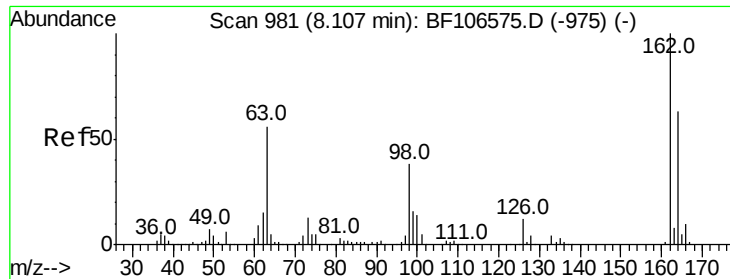
Tot Ion:122 Resp: 116682
Ion Ratio Lower Upper
122 100
107 116.5 91.2 136.8
121 58.9 47.2 70.8



#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

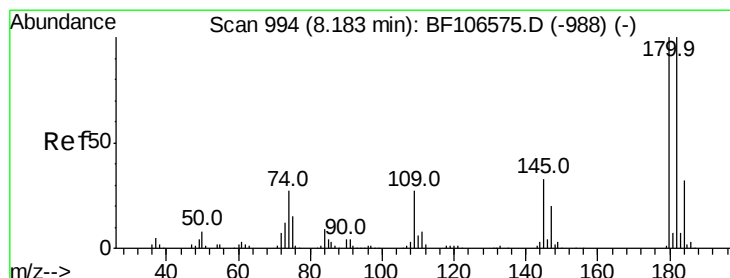
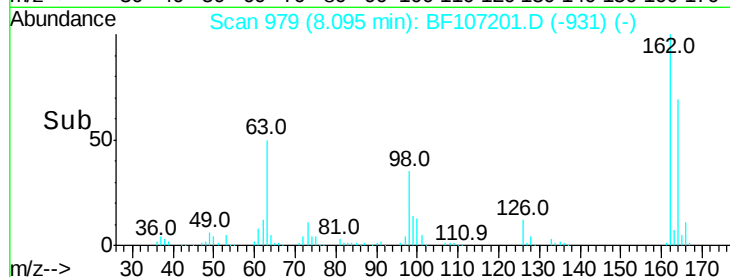
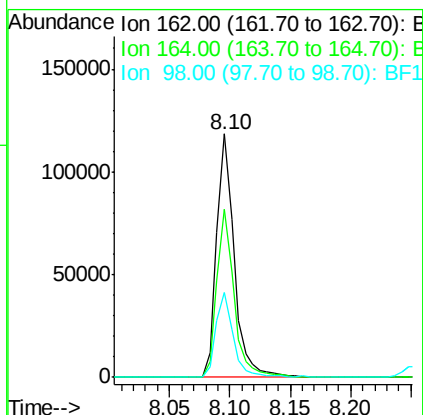
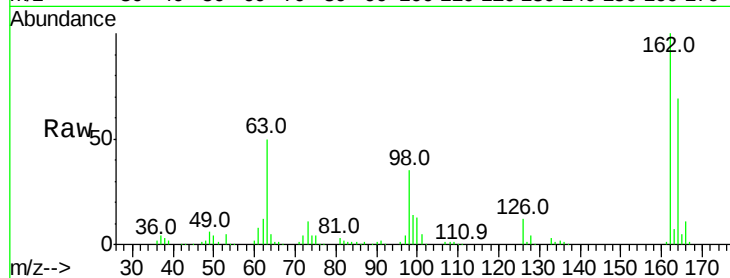




#29
 2,4-Dichlorophenol
 Concen: 38.385 ng
 RT: 8.10 min Scan# 979
 Delta R.T. -0.02 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

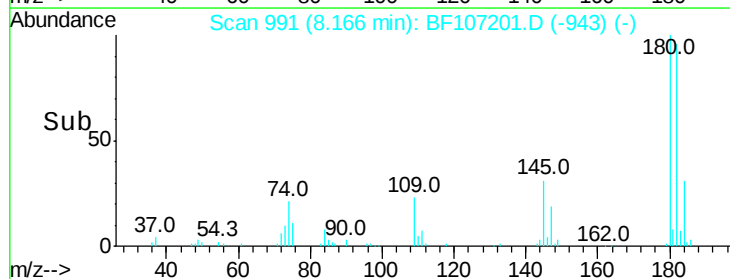
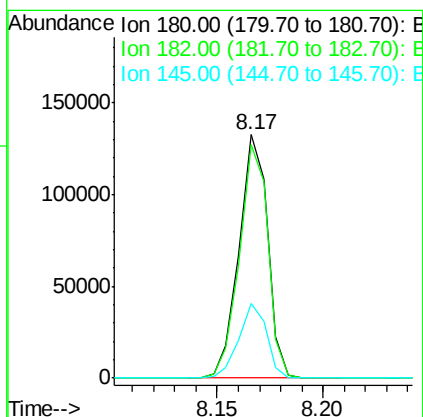
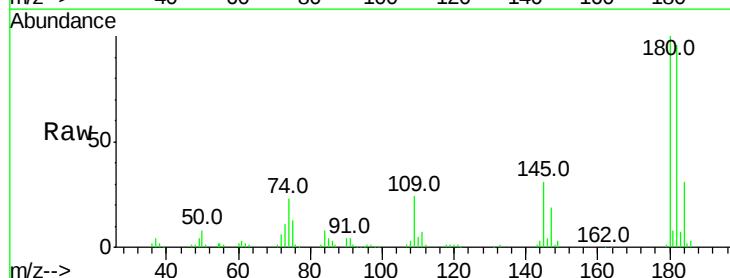
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72MS

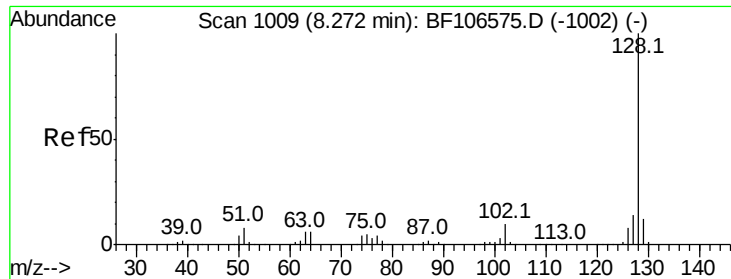
Tot Ion	Ratio	Lower	Upper
162	100		
164	69.2	42.7	82.7
98	34.8	18.1	58.1



#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

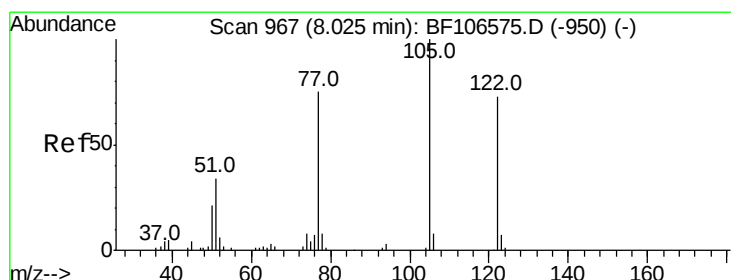
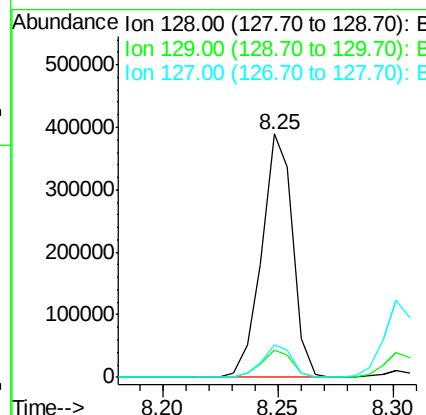
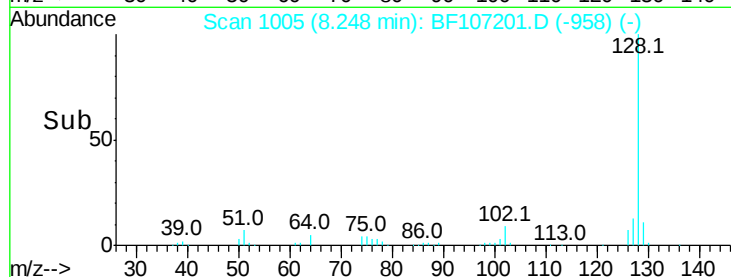
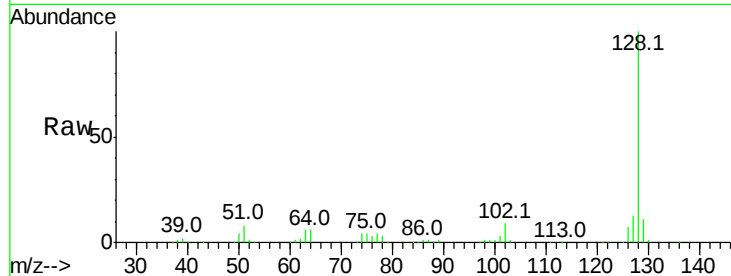




#31
Naphthalene
Concen: 35.363 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

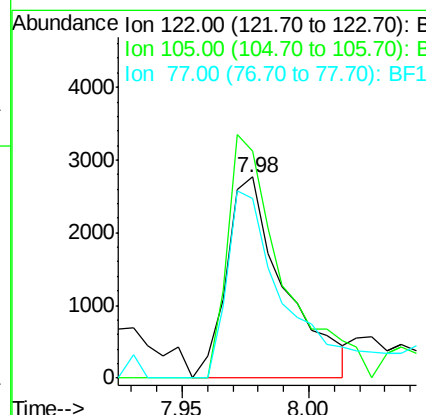
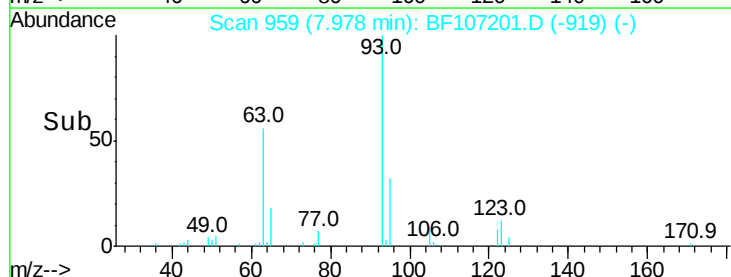
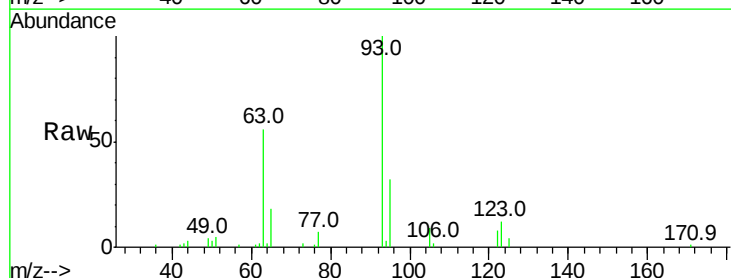
Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MS

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



#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

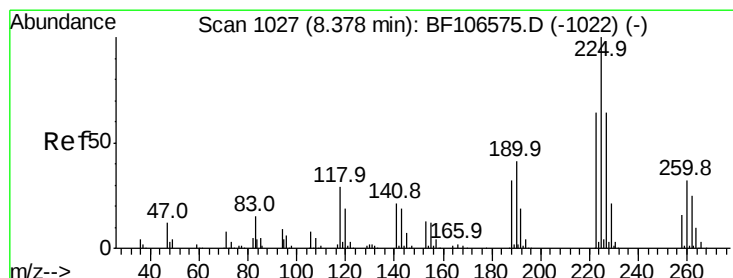
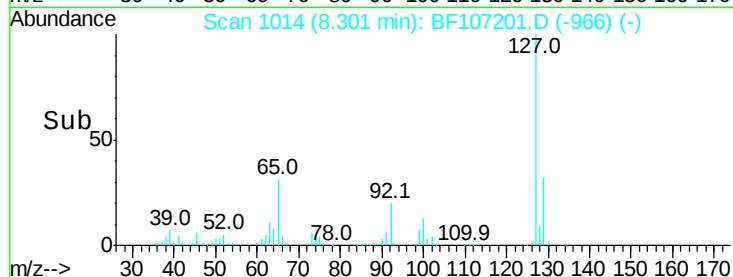
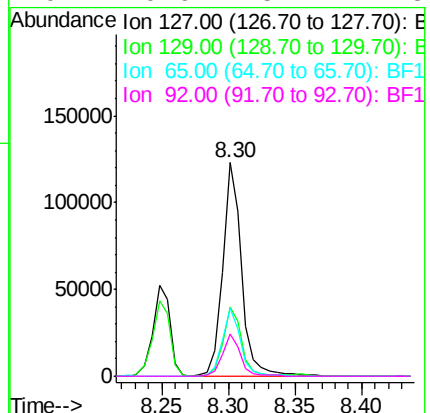
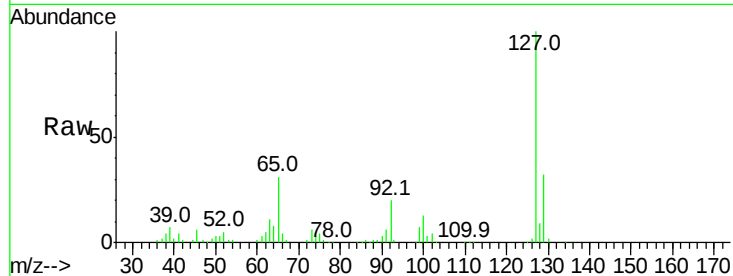




#33
4-Chloroaniline
Concen: 28.402 ng
RT: 8.30 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

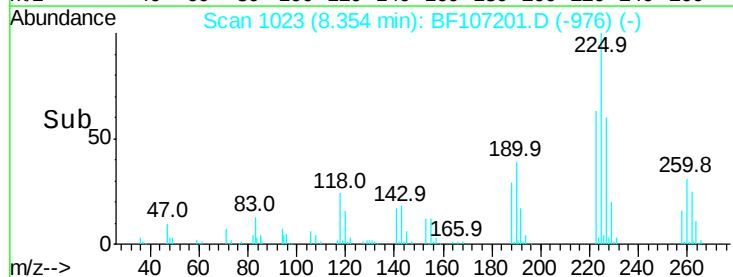
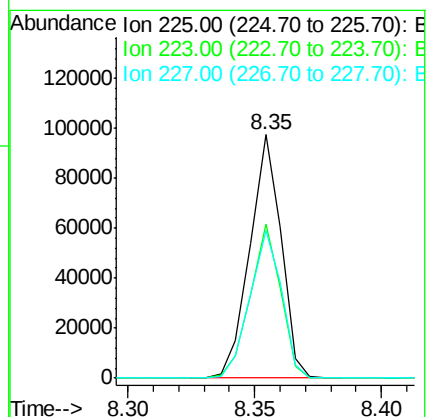
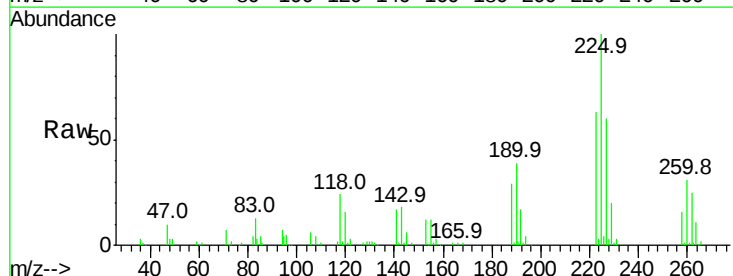
Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MS

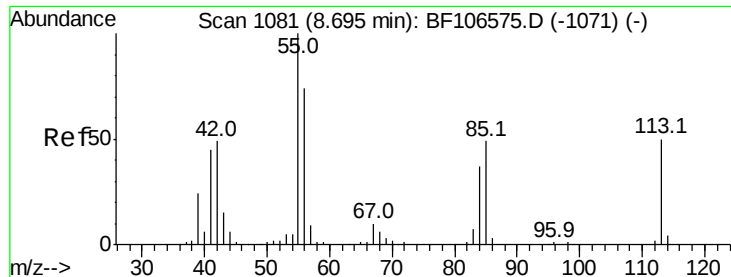
Tot Ion:	127	Resp:	122945
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	31.5	25.0	37.4
92	19.6	15.2	22.8



#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





#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

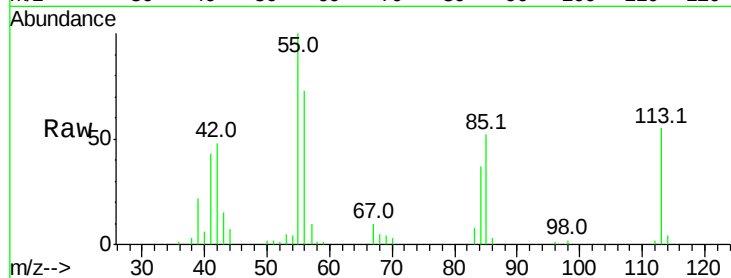
Tot Ion:113 Resp: 34324

Ion Ratio Lower Upper

113 100

55 180.4 163.3 203.3

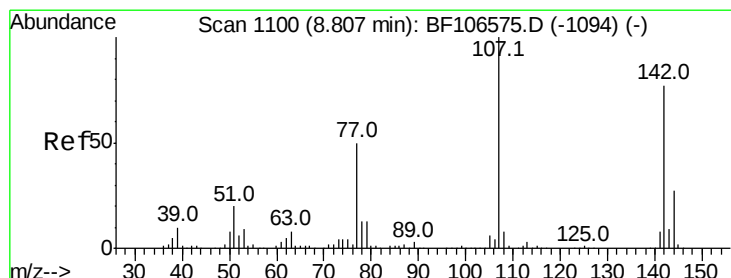
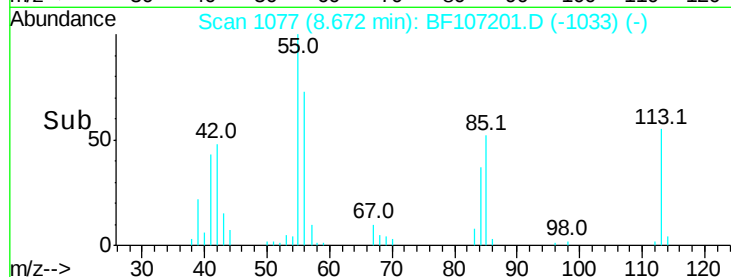
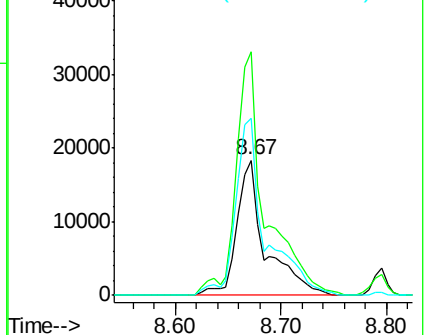
56 131.1 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#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

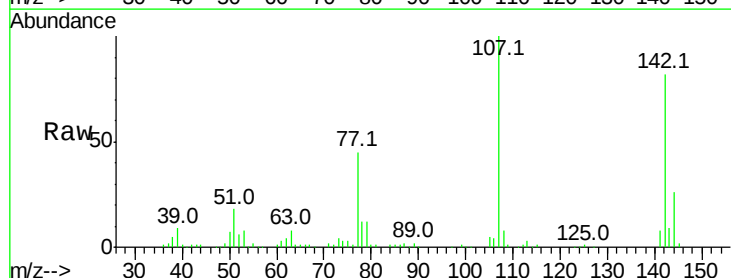
Tgt Ion:107 Resp: 119025

Ion Ratio Lower Upper

107 100

144 26.0 20.5 30.7

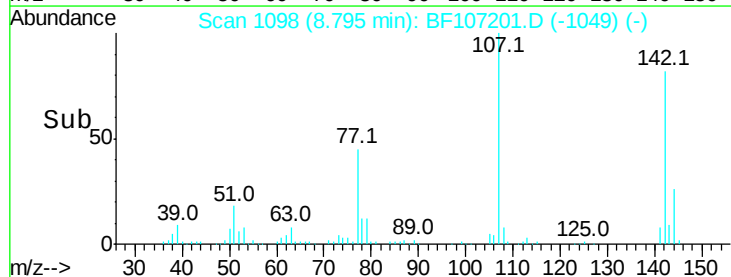
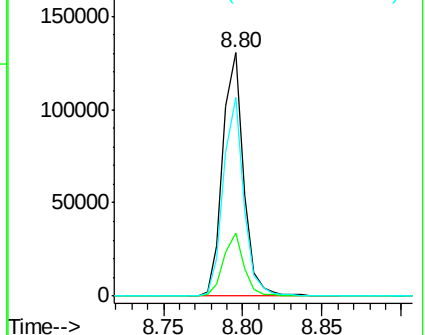
142 81.7 62.0 93.0

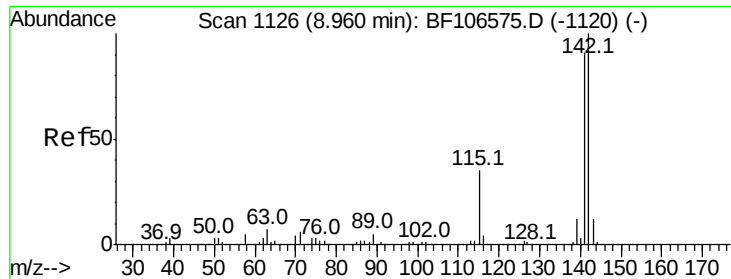


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

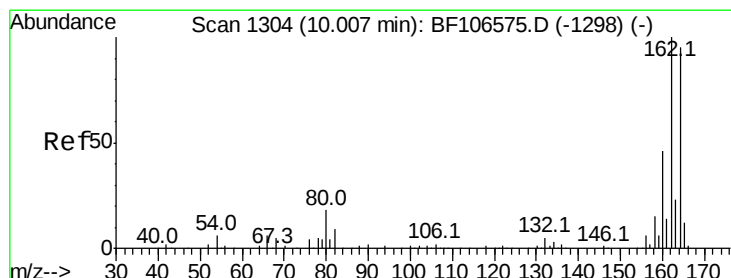
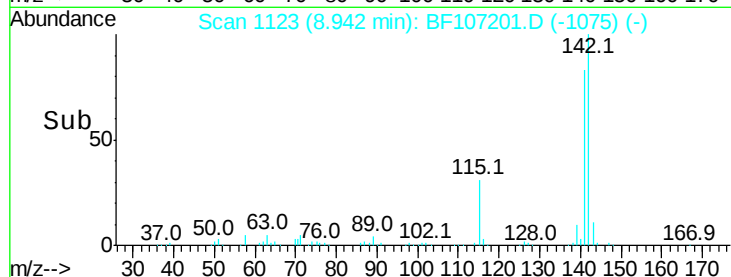
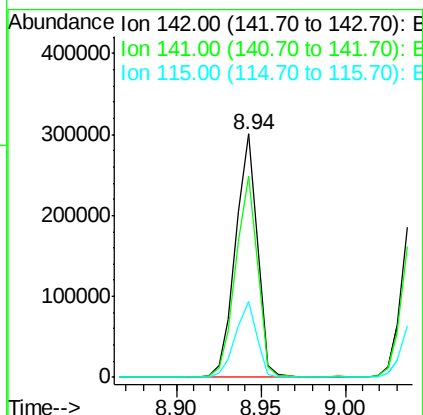
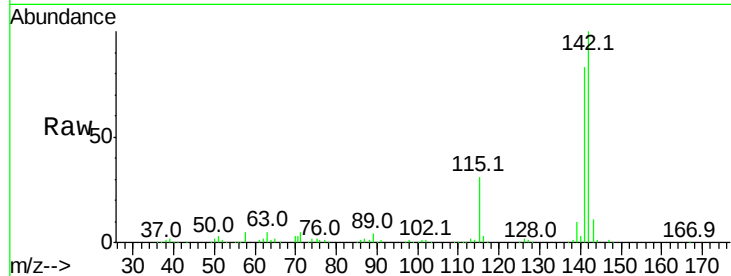




#37
2-Methylnaphthalene
Concen: 39.303 ng
RT: 8.94 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

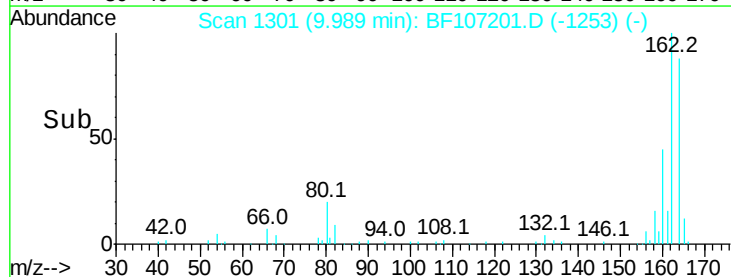
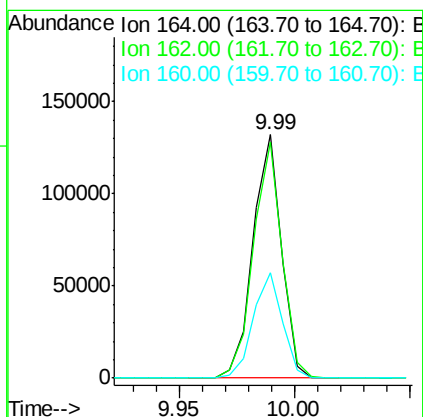
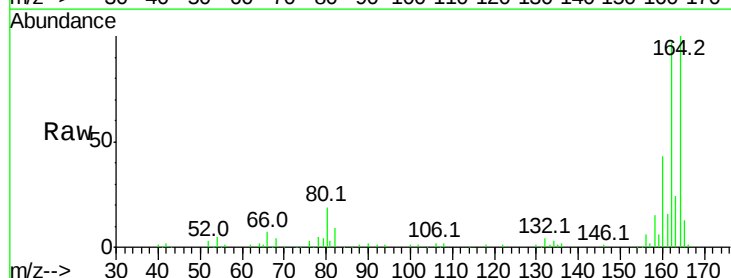
Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MS

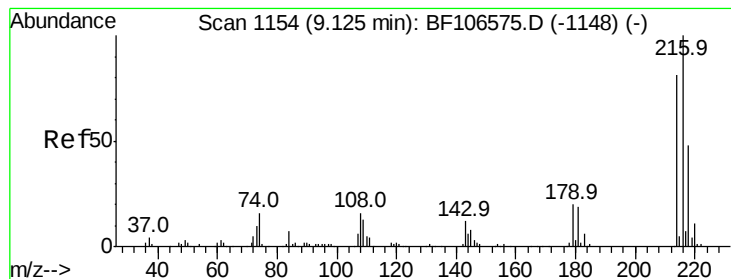
Tot Ion:142 Resp: 268754
Ion Ratio Lower Upper
142 100
141 82.7 70.8 106.2
115 31.2 26.1 39.1



#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

Tot Ion:216 Resp: 139690

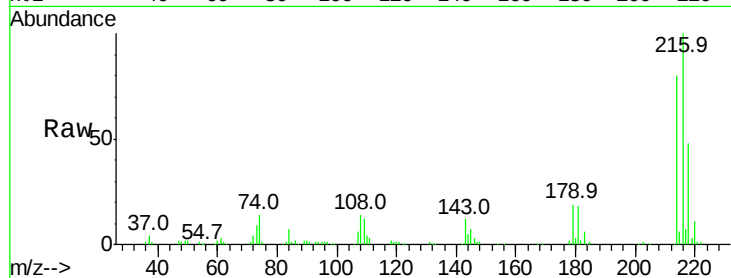
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 19.3 18.1 27.1

108 15.0 17.2 25.8#

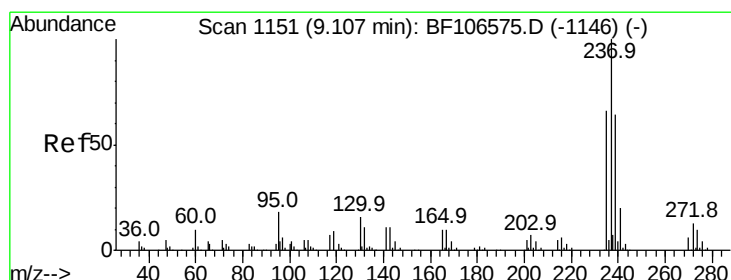
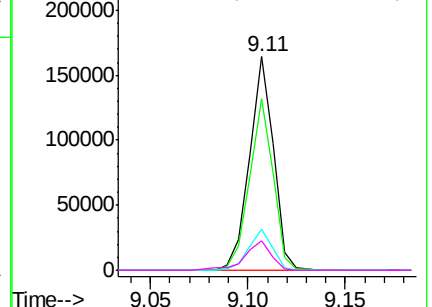
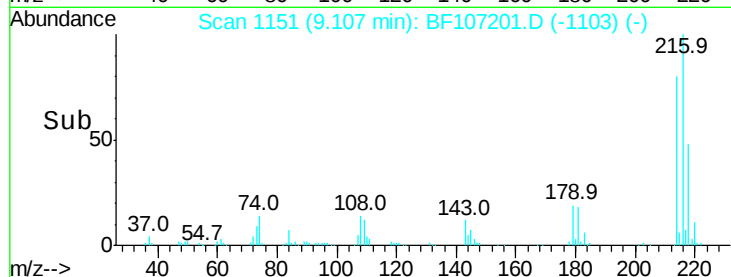


Abundance Ion 216.00 (215.70 to 216.70): E

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

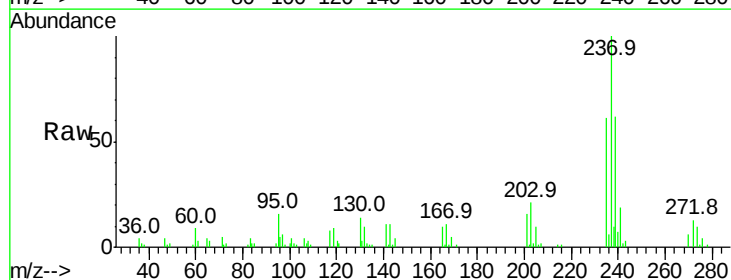
Tgt Ion:237 Resp: 41108

Ion Ratio Lower Upper

237 100

235 60.9 44.8 84.8

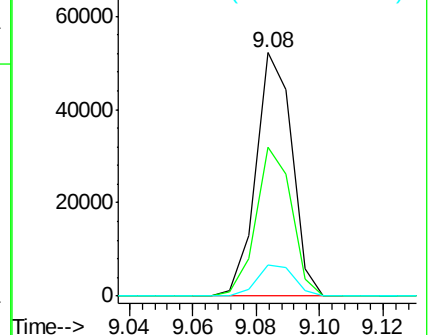
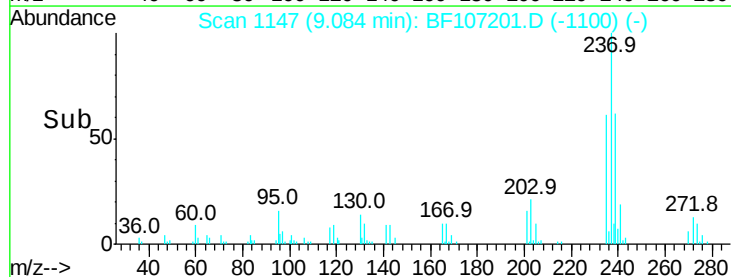
272 12.9 0.0 33.3



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

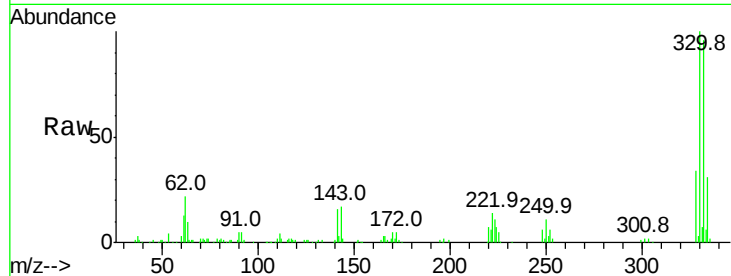
Tot Ion:330 Resp: 131217

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

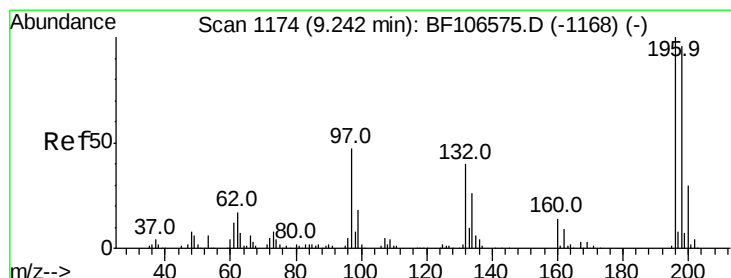
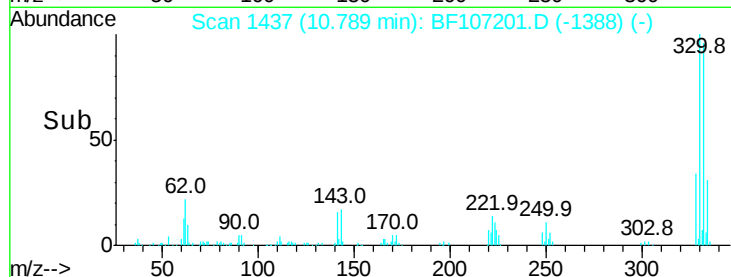
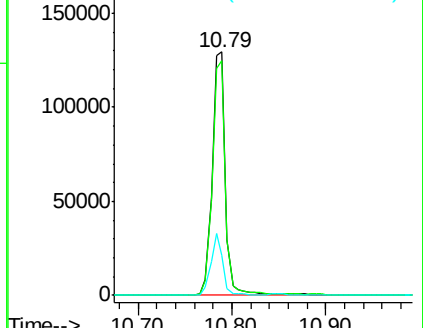
141 22.5 29.9 44.9#



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

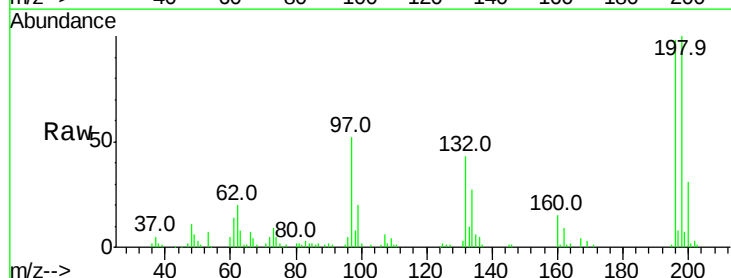
Tgt Ion:196 Resp: 78573

Ion Ratio Lower Upper

196 100

198 102.2 75.7 113.5

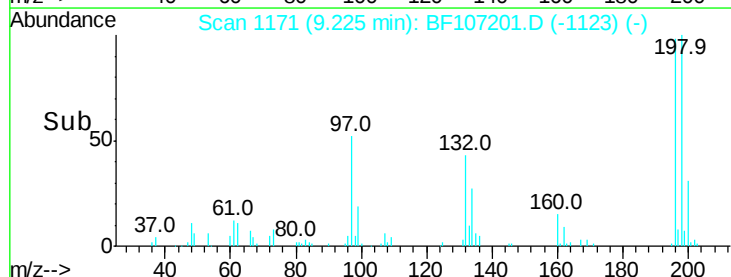
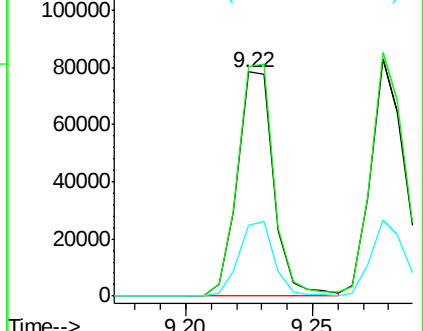
200 31.3 24.5 36.7



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

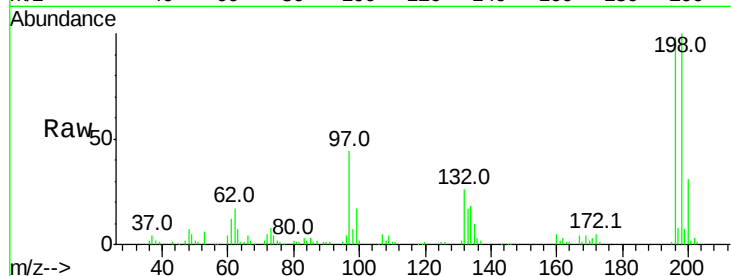




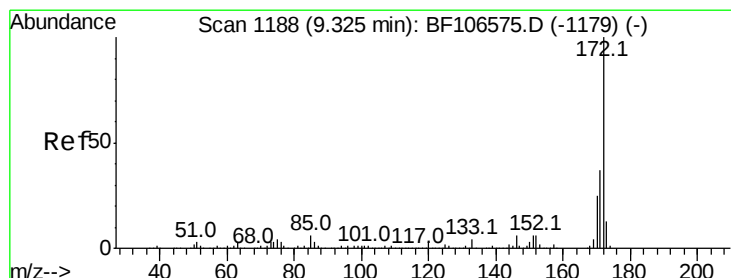
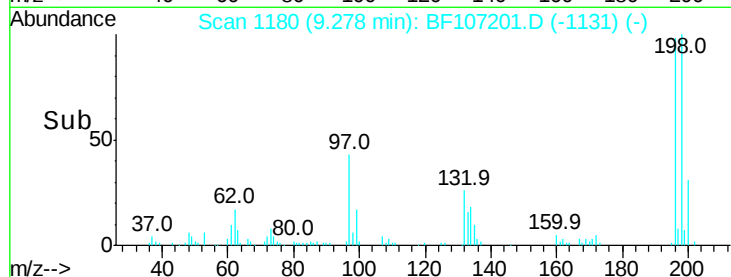
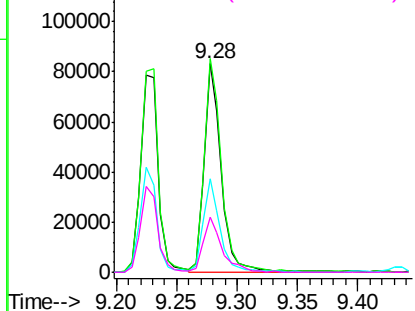
#43
 2,4,5-Trichlorophenol
 Concen: 30.832 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

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

Tot 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

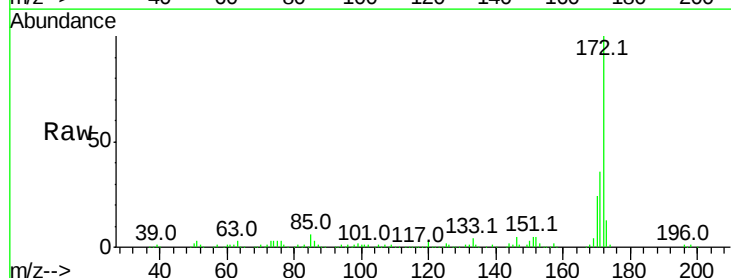


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

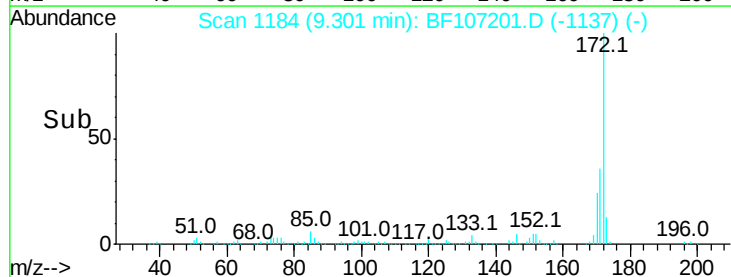
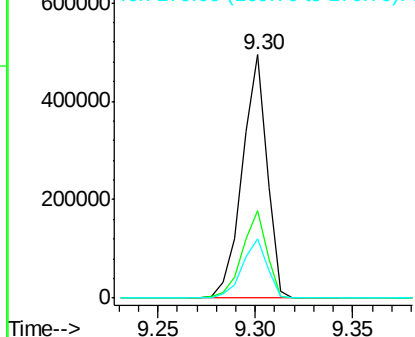


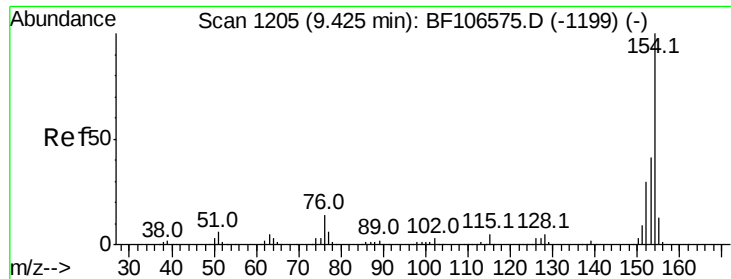
#44
 2-Fluorobiphenyl
 Concen: 60.151 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

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

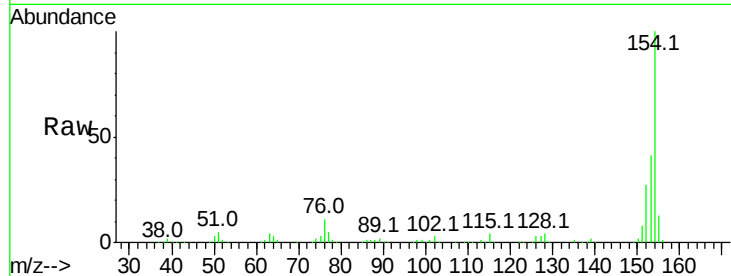
Tot Ion:154 Resp: 319795

Ion Ratio Lower Upper

154 100

153 41.2 21.3 61.3

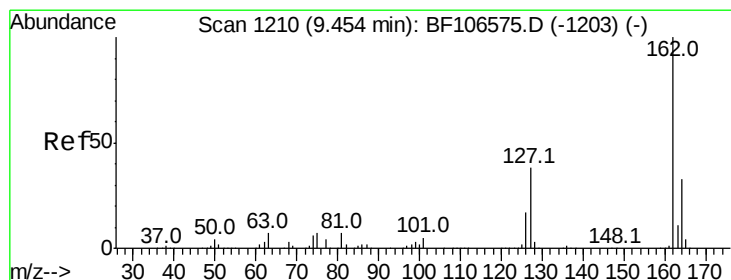
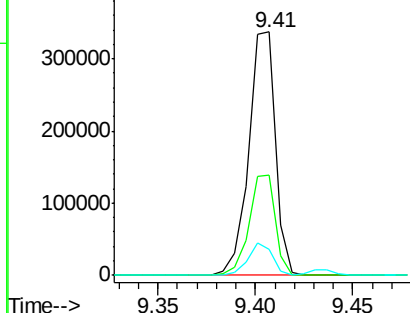
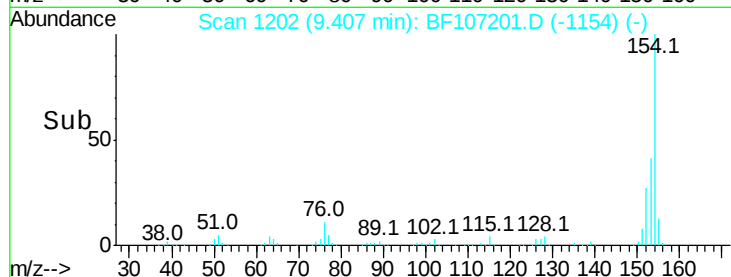
76 10.9 0.0 34.0



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

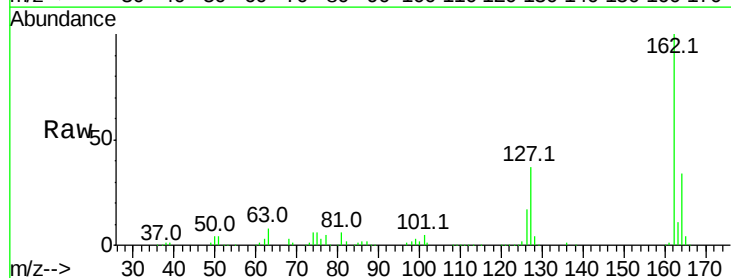
Tgt Ion:162 Resp: 238396

Ion Ratio Lower Upper

162 100

127 36.8 33.9 50.9

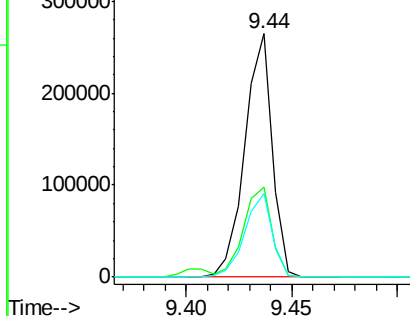
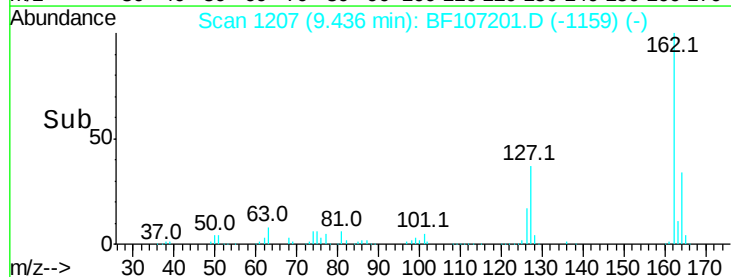
164 34.4 26.5 39.7

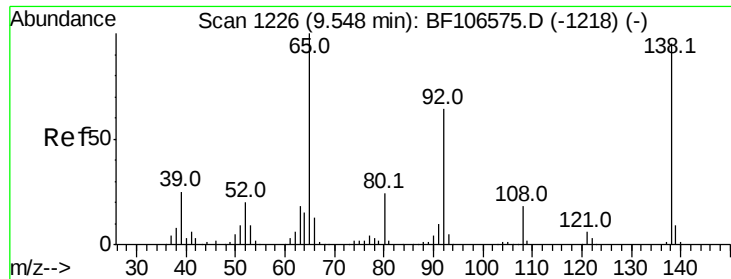


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

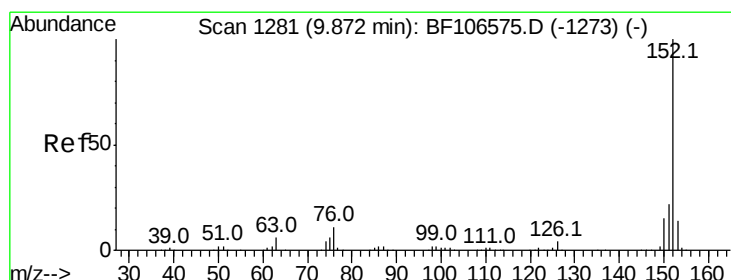
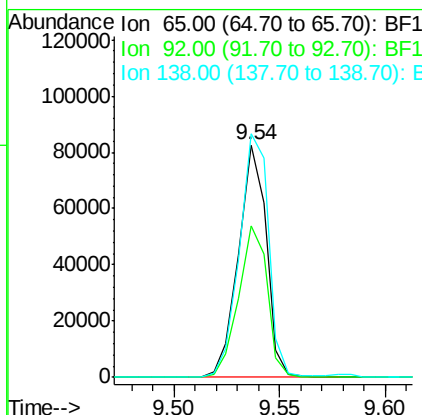
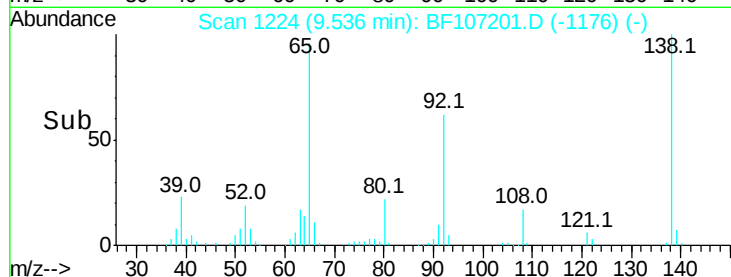
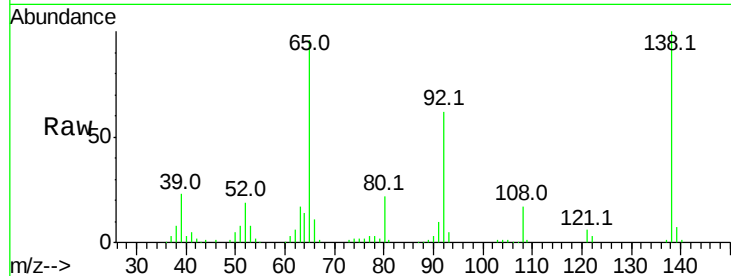




#47
2-Nitroaniline
Concen: 31.357 ng
RT: 9.54 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

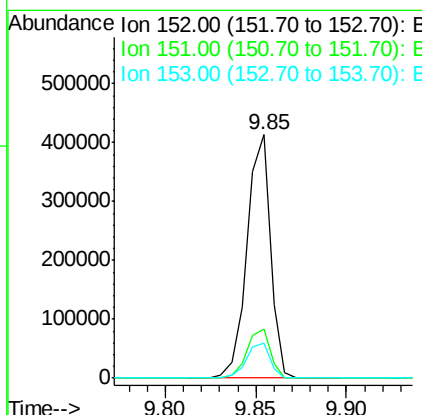
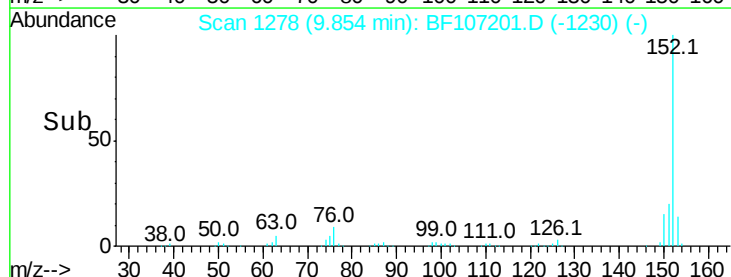
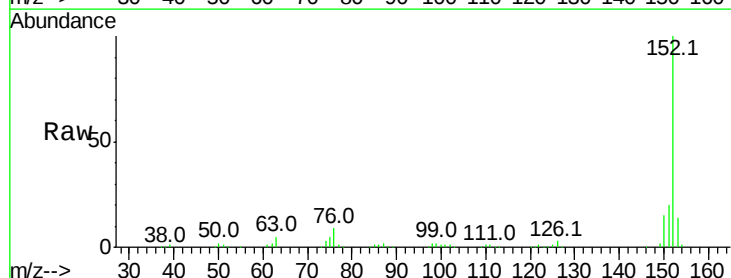
Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MS

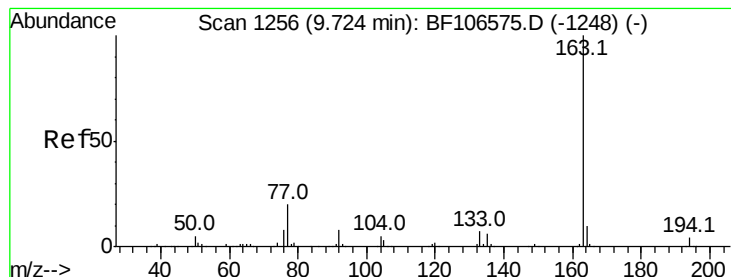
Tot Ion: 65 Resp: 75492
Ion Ratio Lower Upper
65 100
92 64.9 55.8 83.6
138 104.7 91.2 136.8



#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

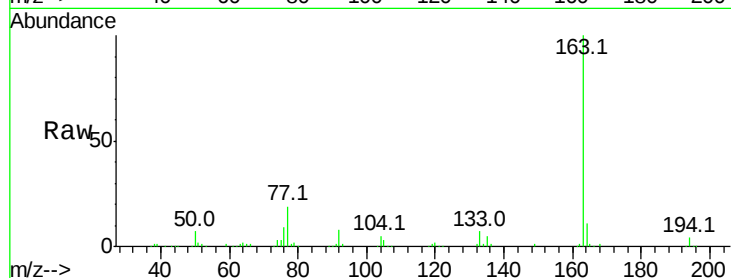
Tot Ion:163 Resp: 349407

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

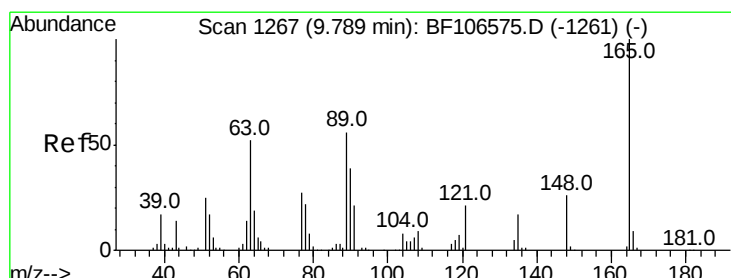
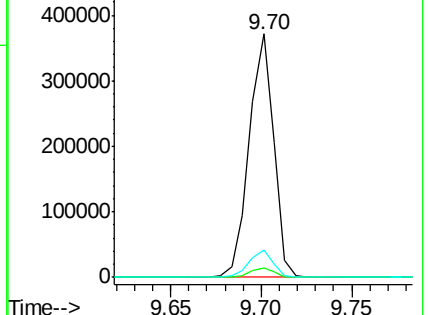
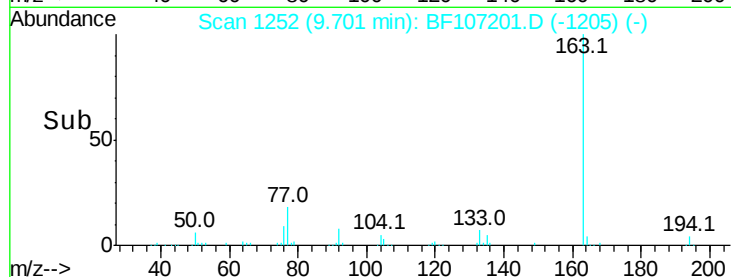
164 11.0 8.2 12.2



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

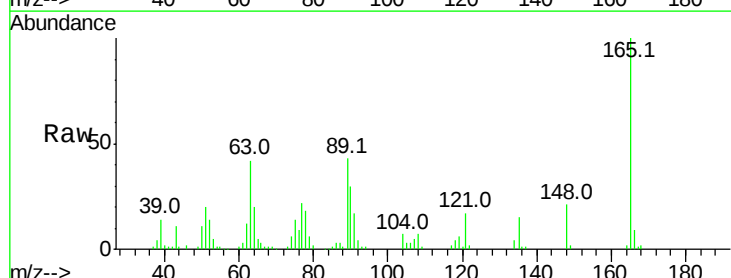
Tgt Ion:165 Resp: 65001

Ion Ratio Lower Upper

165 100

63 42.4 44.7 67.1#

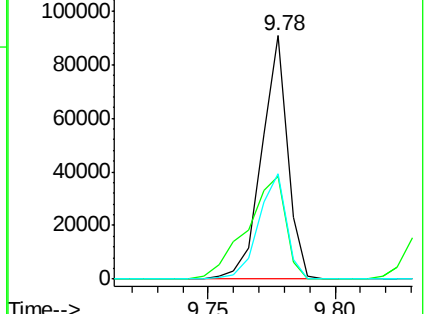
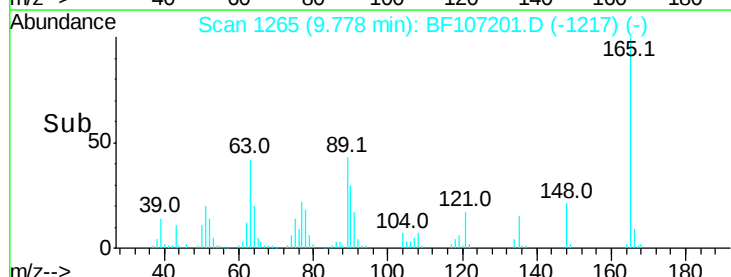
89 43.0 44.0 66.0#

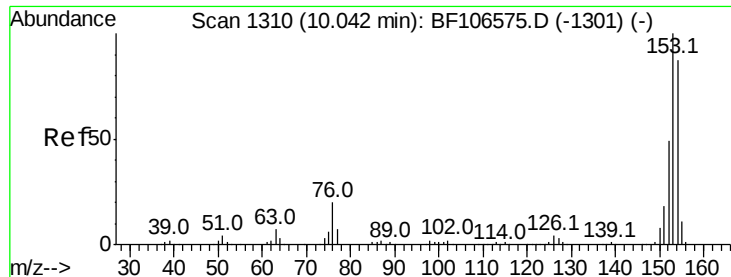


Abundance Ion 165.00 (164.70 to 165.70): E

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

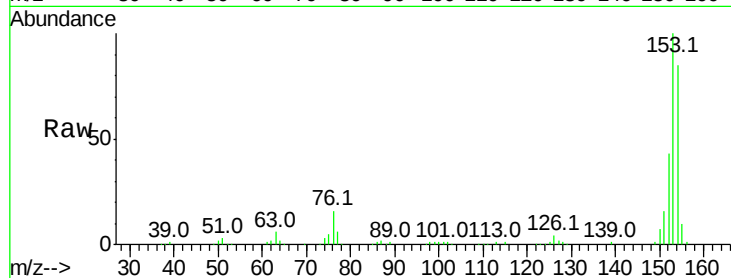
Tot Ion:154 Resp: 224166

Ion Ratio Lower Upper

154 100

153 117.0 91.2 136.8

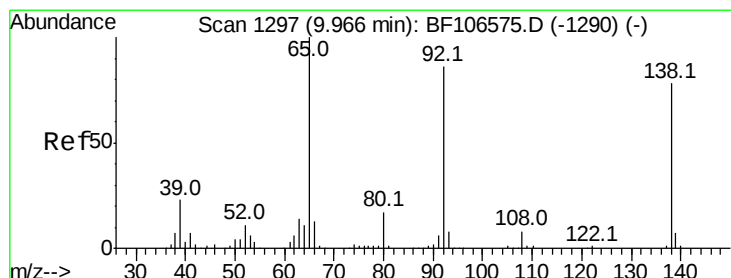
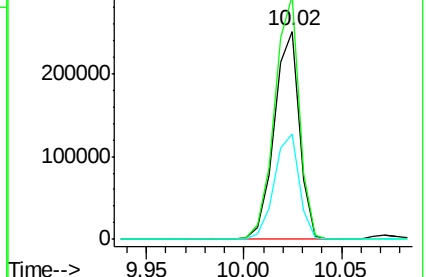
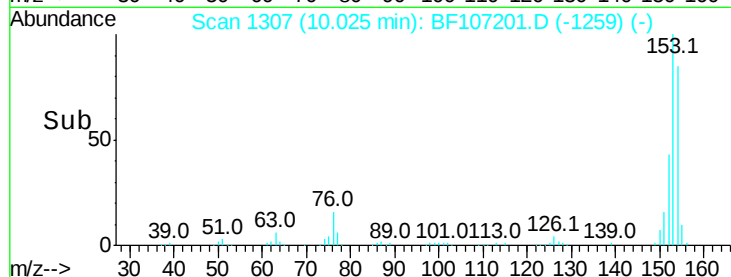
152 50.6 43.8 65.8



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

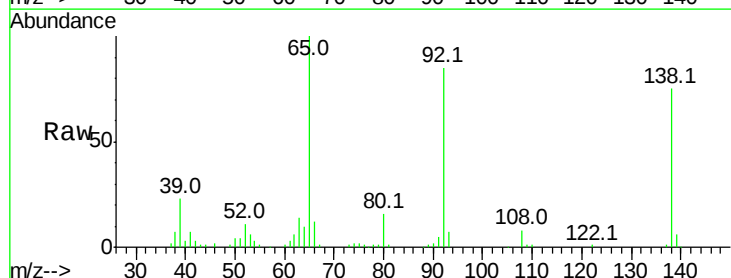
Tgt Ion:138 Resp: 56391

Ion Ratio Lower Upper

138 100

108 11.2 9.4 14.0

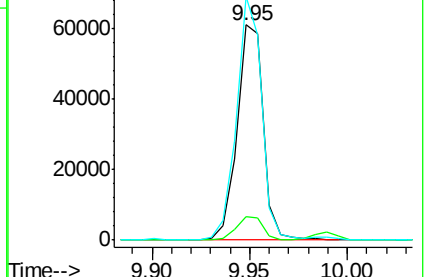
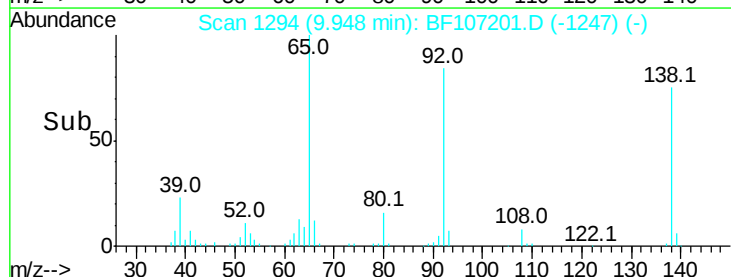
92 113.3 89.4 134.2



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

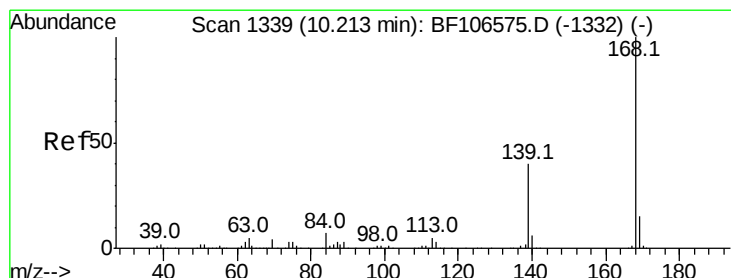
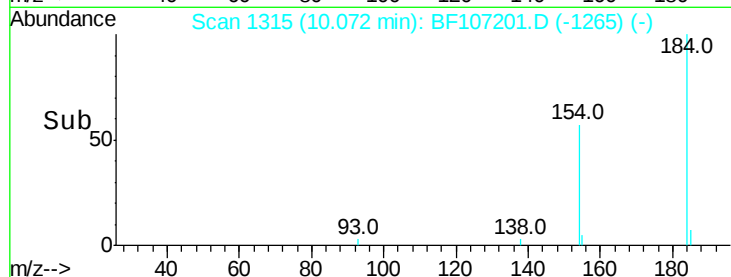
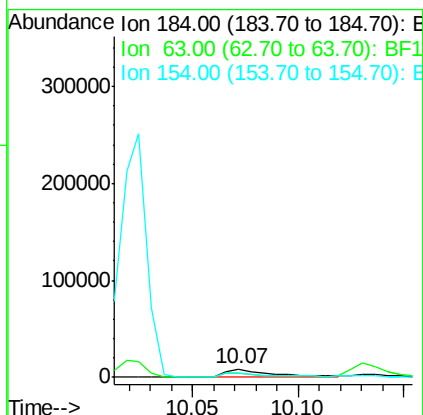
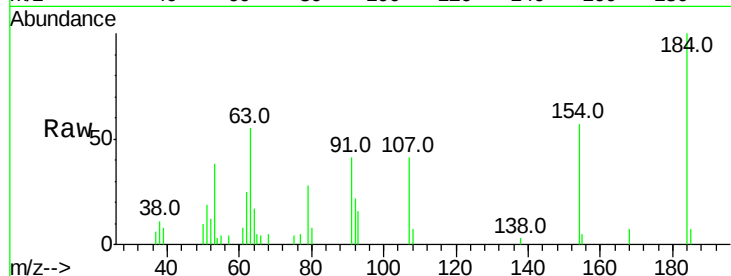




#53
 2,4-Dinitrophenol
 Concen: 18.440 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

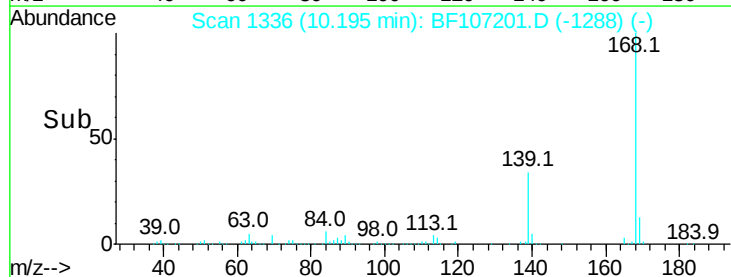
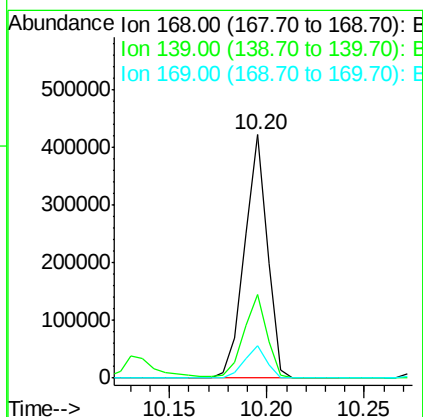
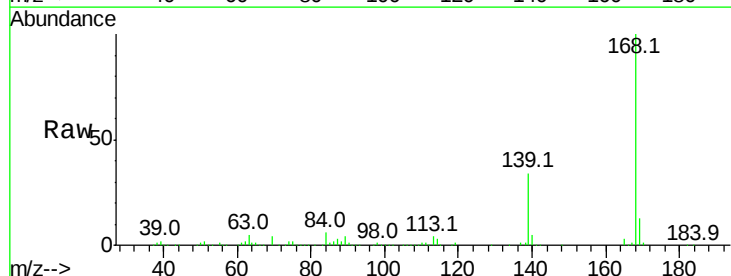
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72MS

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



#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

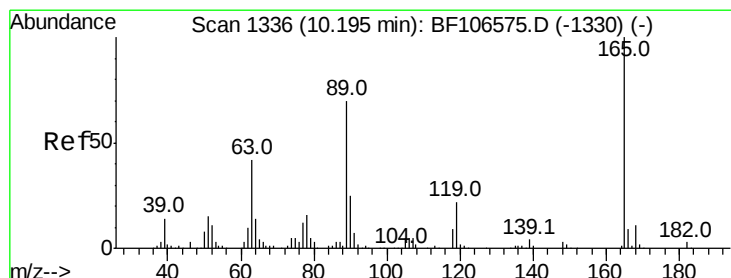
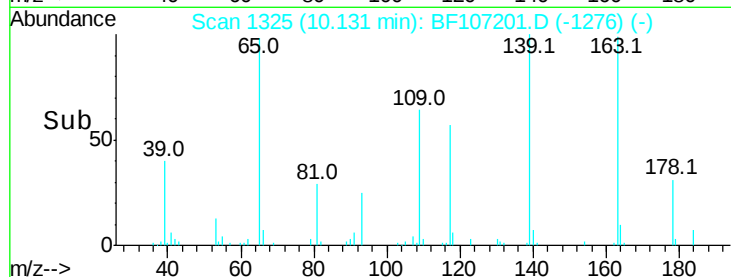
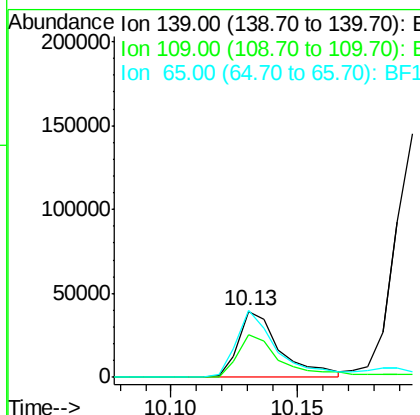
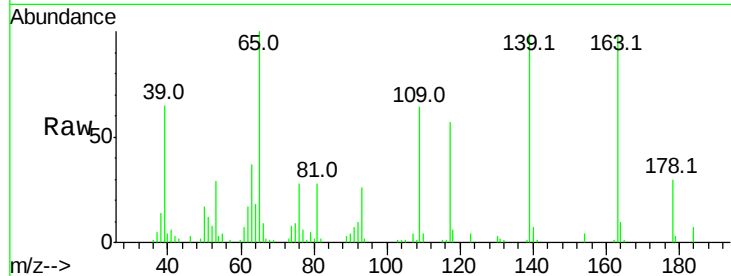




#55
4-Nitrophenol
Concen: 31.176 ng
RT: 10.13 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

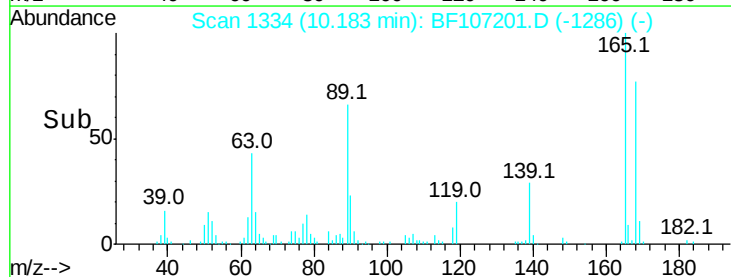
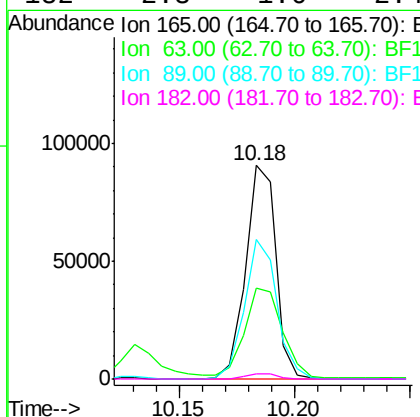
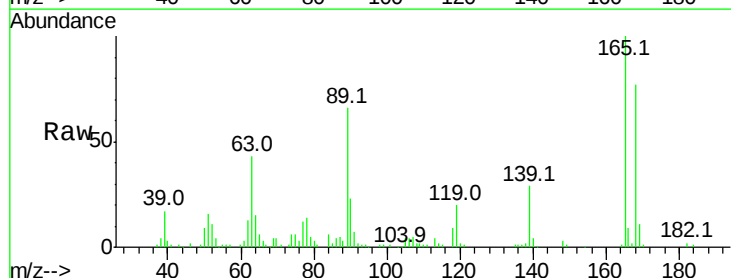
Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MS

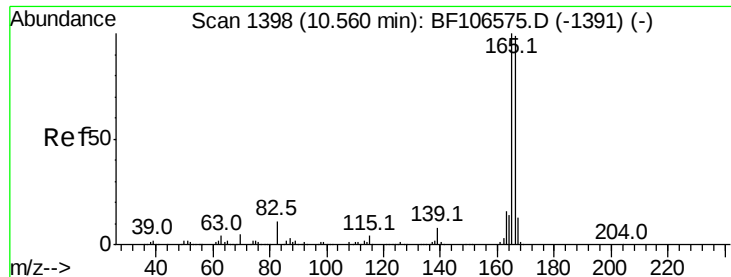
Tot Ion:139 Resp: 45388
Ion Ratio Lower Upper
139 100
109 64.4 48.4 88.4
65 101.3 72.6 112.6



#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:165 Resp: 83213
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

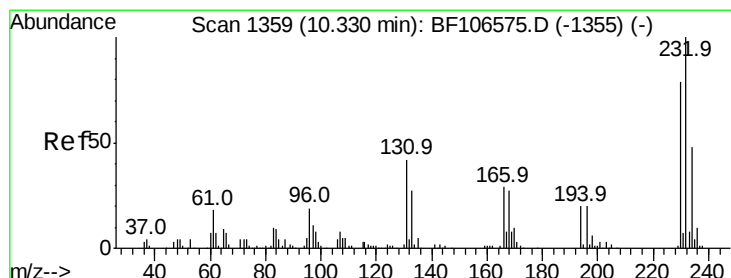
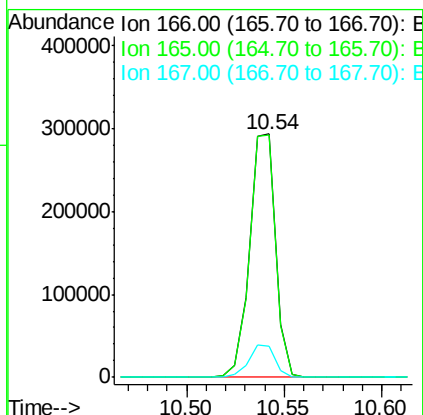
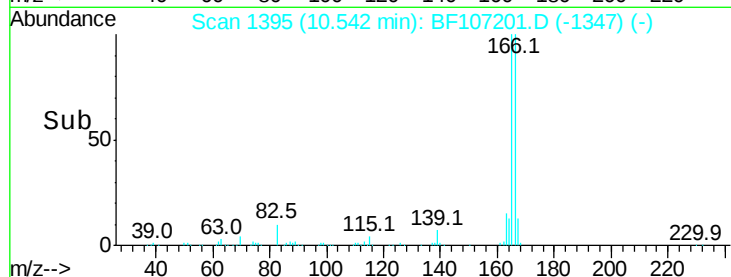
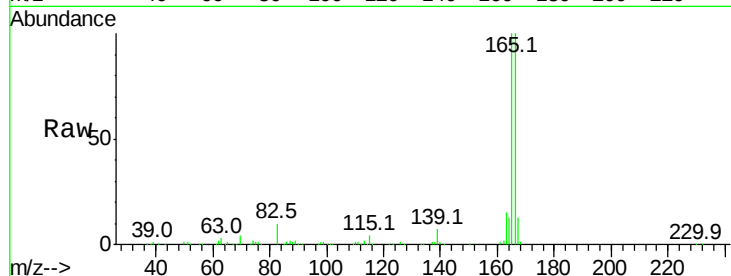
Tot Ion:166 Resp: 270925

Ion Ratio Lower Upper

166 100

165 99.8 79.8 119.8

167 12.9 10.6 16.0



#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

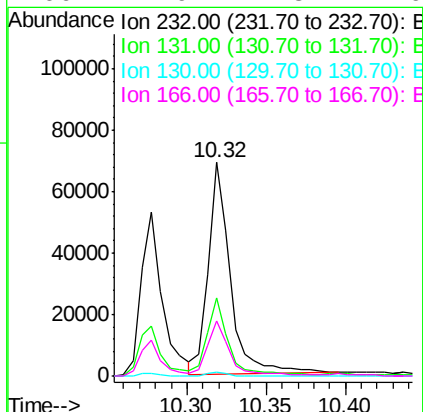
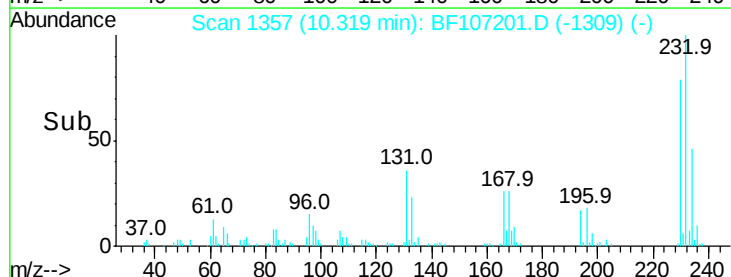
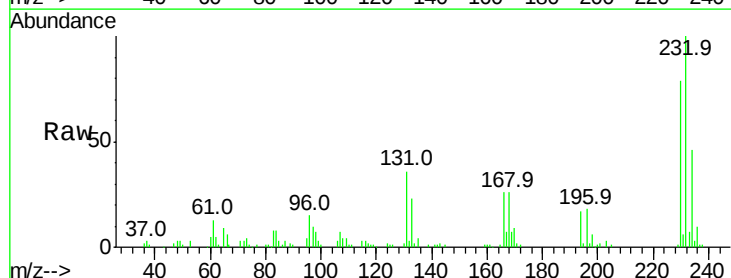
Ion Ratio Lower Upper

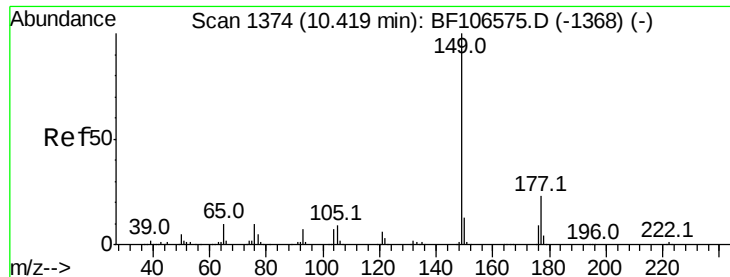
232 100

131 36.0 43.8 65.8#

130 1.4 2.1 3.1#

166 24.9 27.8 41.6#

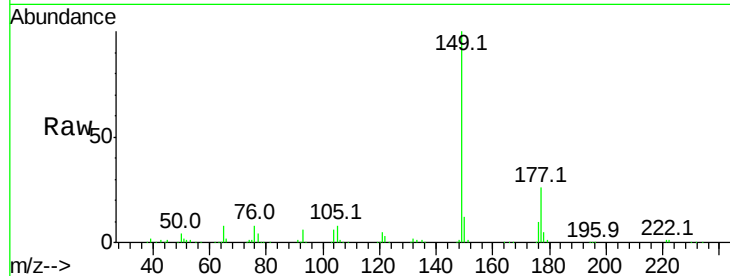




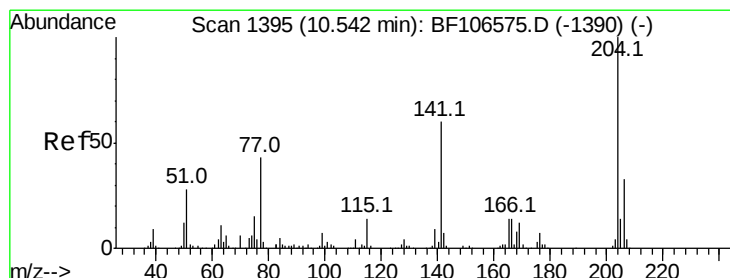
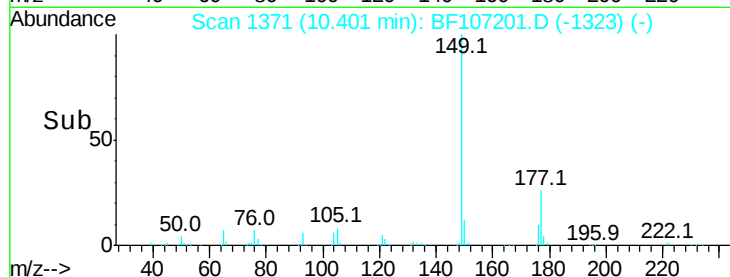
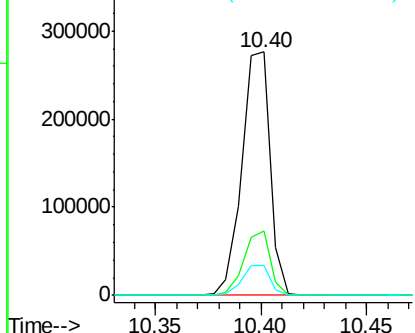
#59
Diethylphthalate
Concen: 30.994 ng
RT: 10.40 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

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

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

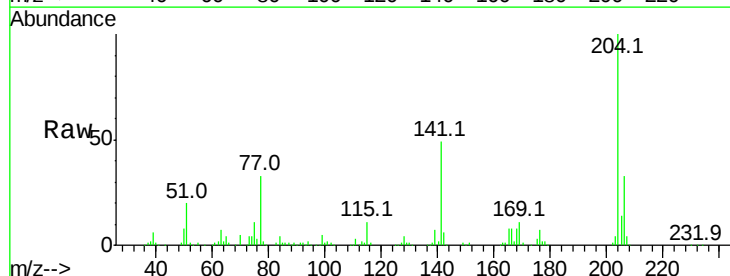


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

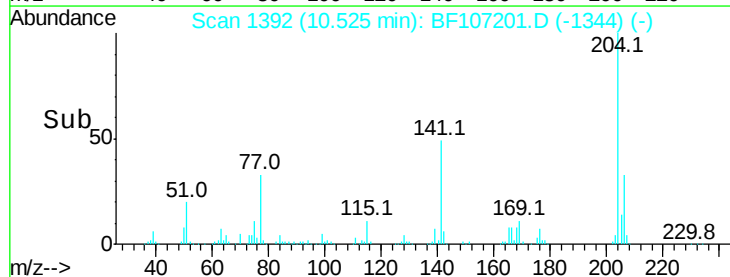
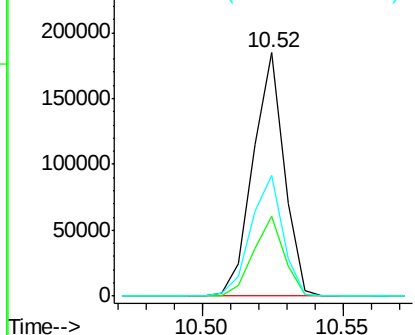


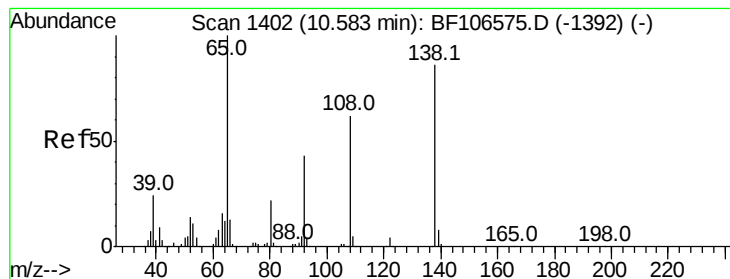
#60
4-Chlorophenyl-phenylether
Concen: 34.989 ng
RT: 10.52 min Scan# 1392
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

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

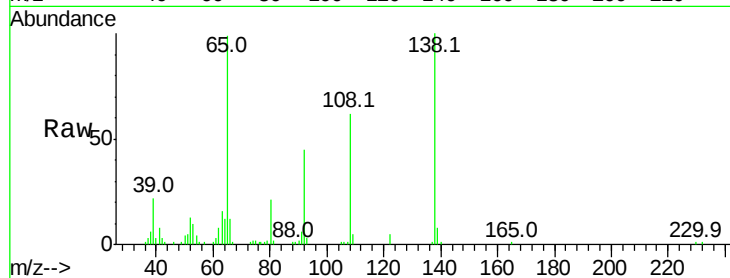
Tot Ion:138 Resp: 61810

Ion Ratio Lower Upper

138 100

92 45.5 30.2 70.2

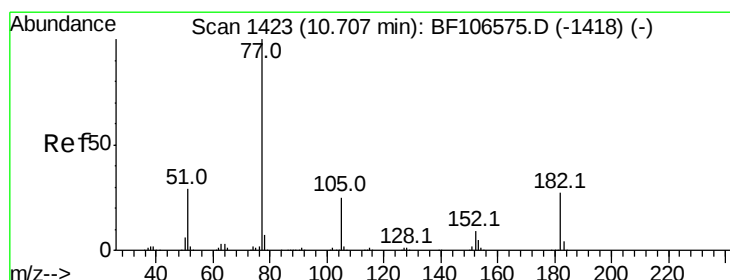
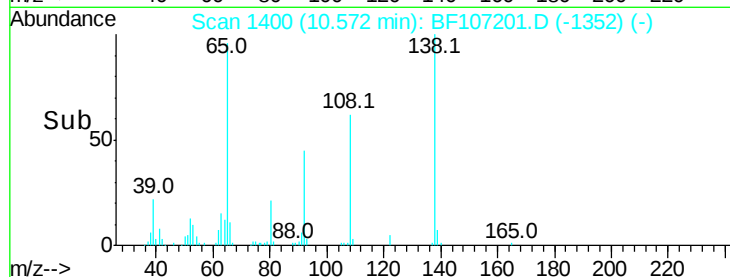
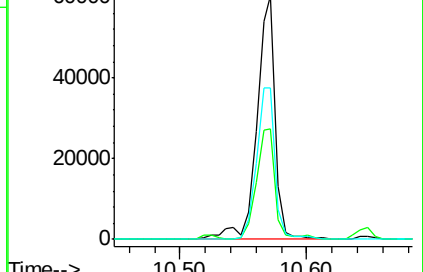
108 62.2 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#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

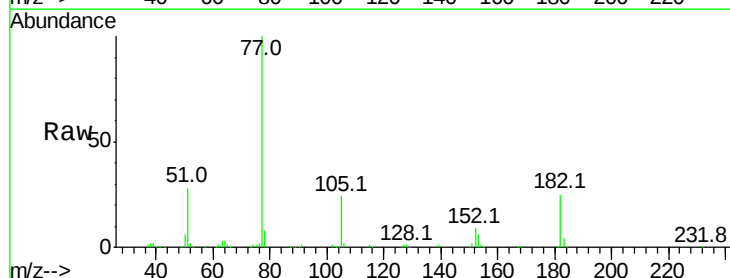
Ion Ratio Lower Upper

77 100

182 25.4 1.7 41.7

105 24.1 3.0 43.0

51 27.8 9.9 49.9

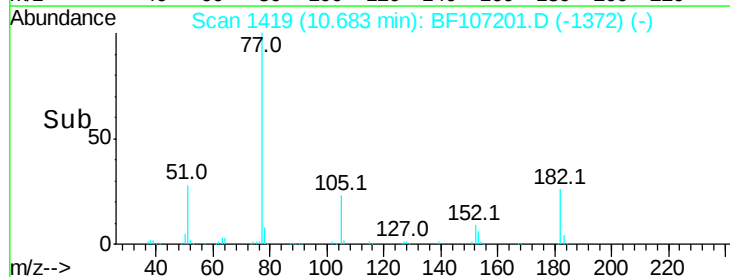
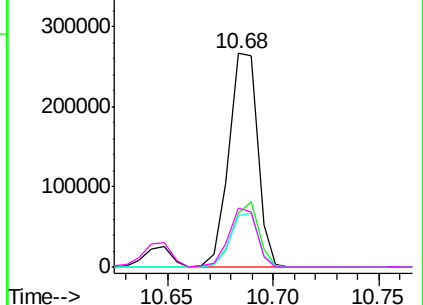


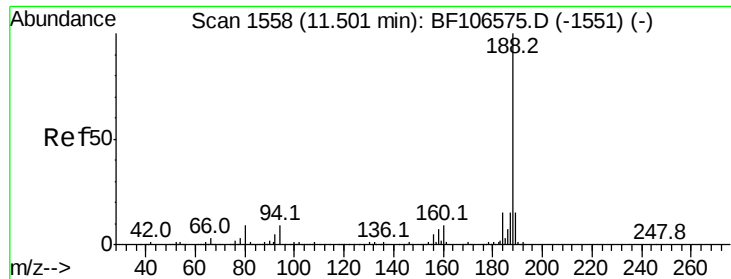
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

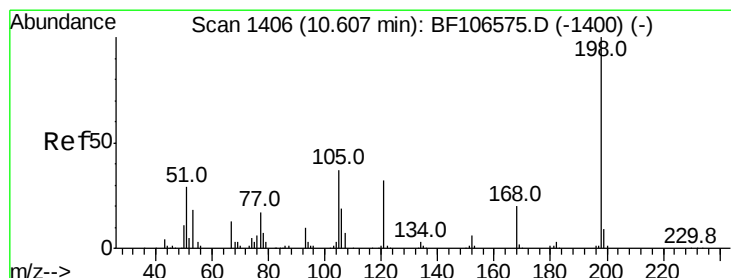
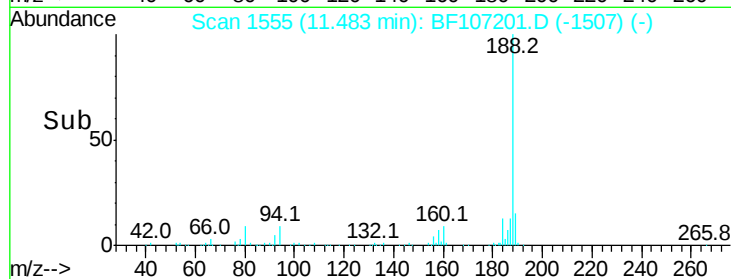
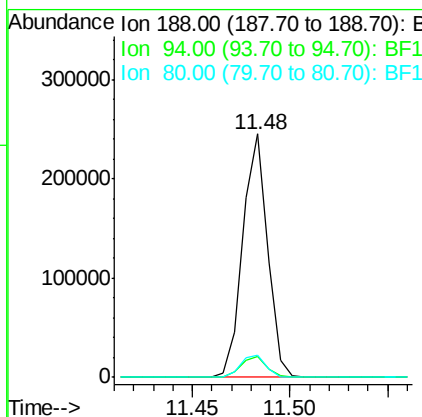
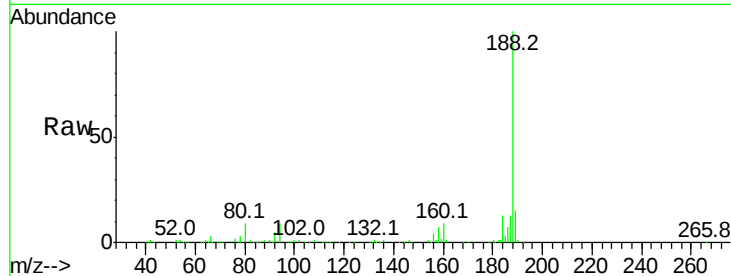




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

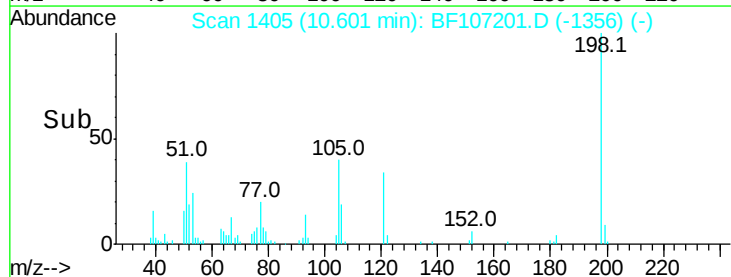
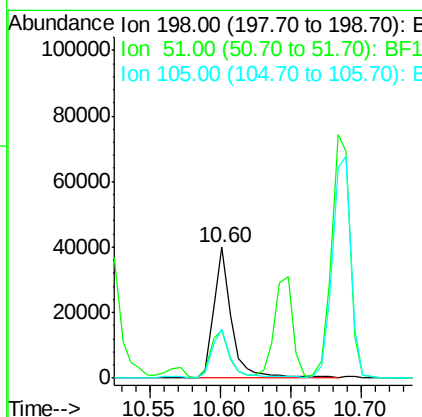
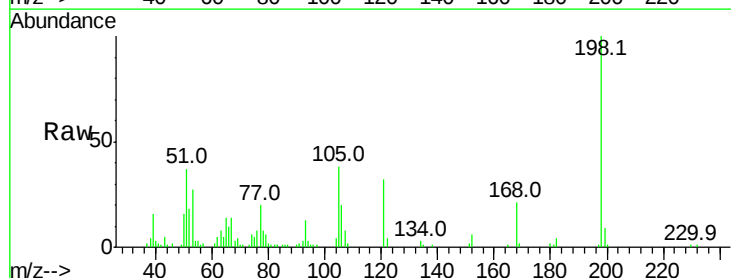
Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MS

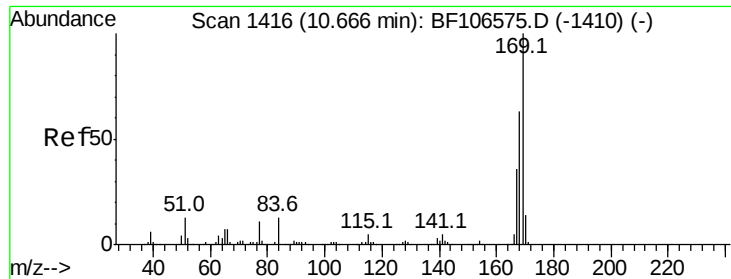
Tot Ion:188 Resp: 215931
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7
80 9.0 9.2 13.8#



#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

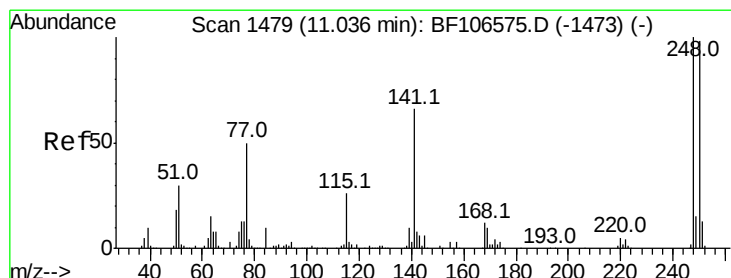
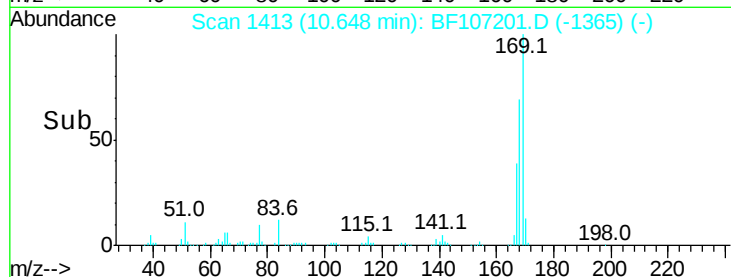
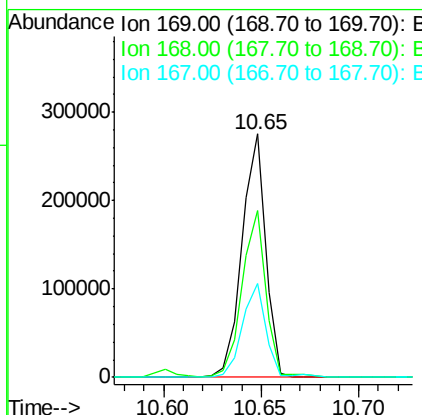
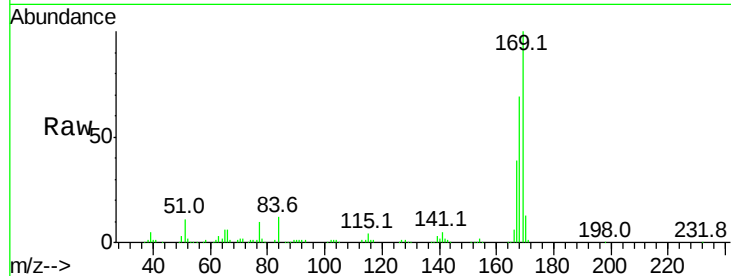




#65
 n-Nitrosodiphenylamine
 Concen: 31.890 ng
 RT: 10.65 min Scan# 1413
 Delta R.T. -0.02 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

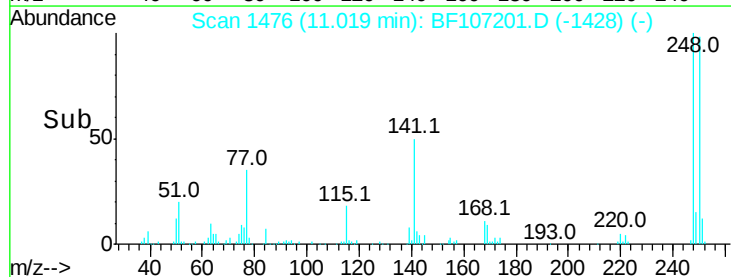
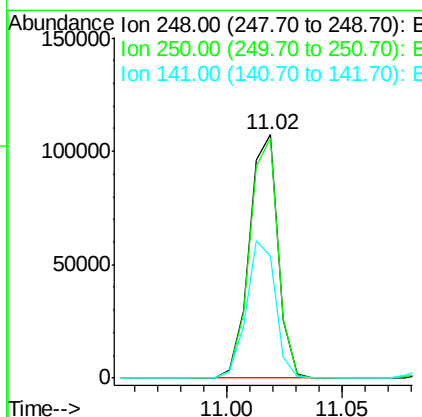
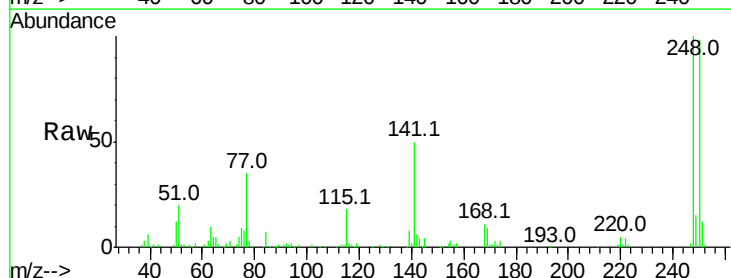
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72MS

Tot 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#

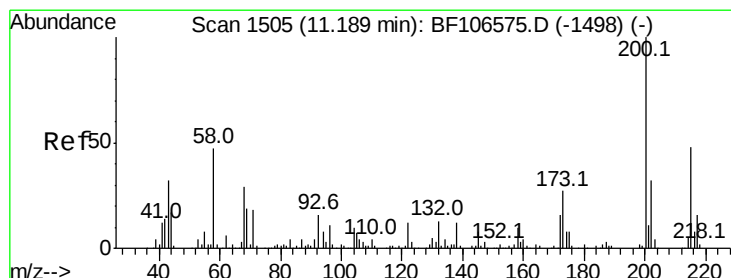
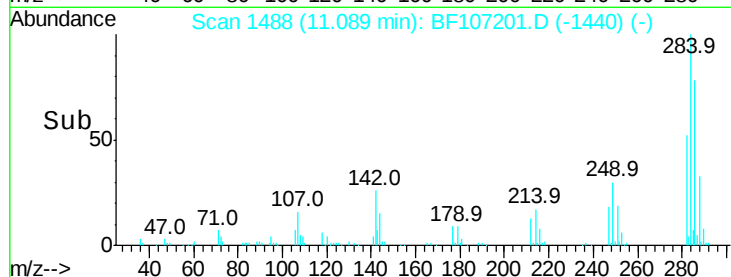
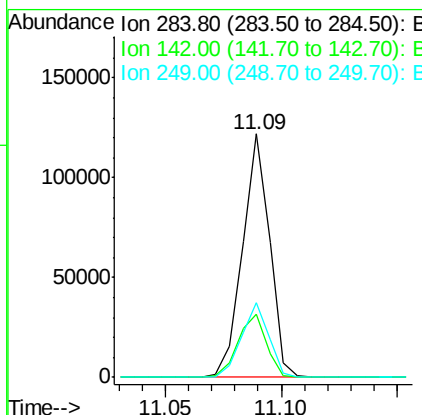
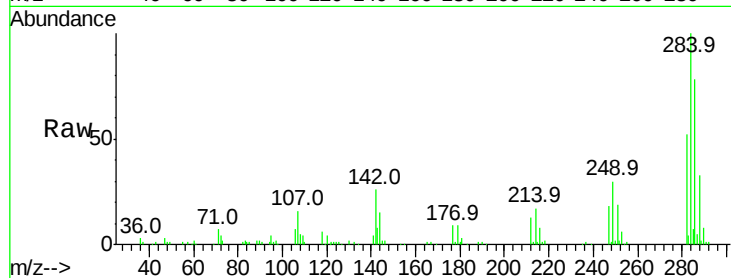




#67
Hexachlorobenzene
Concen: 37.053 ng
RT: 11.09 min Scan# 1488
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

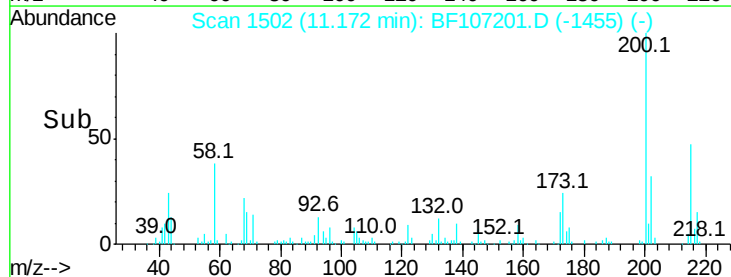
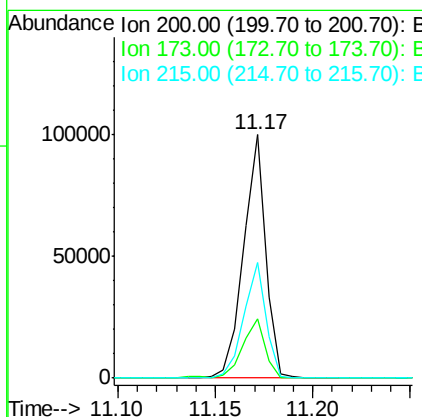
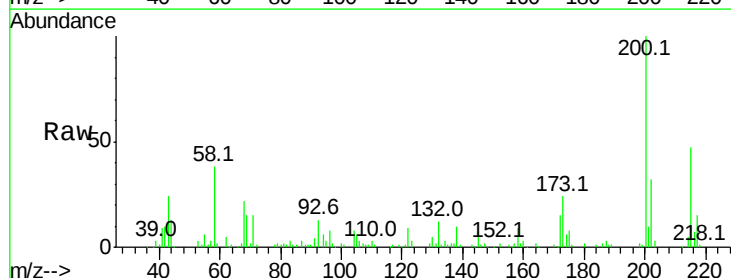
Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MS

Tot 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

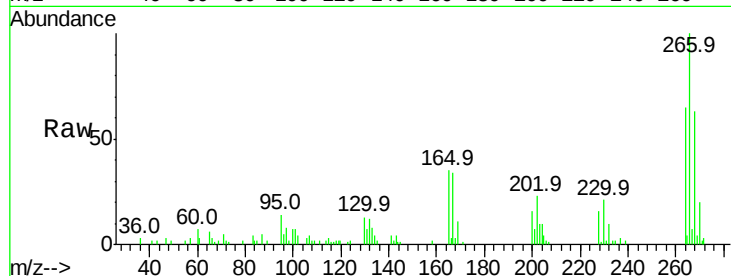




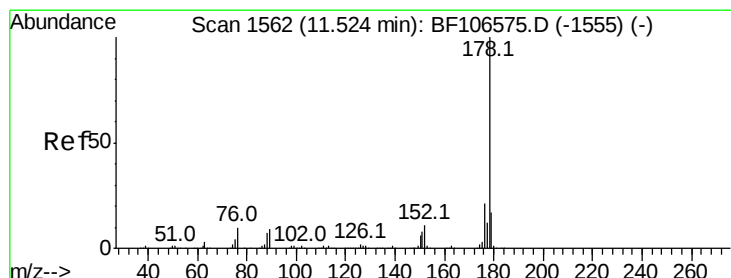
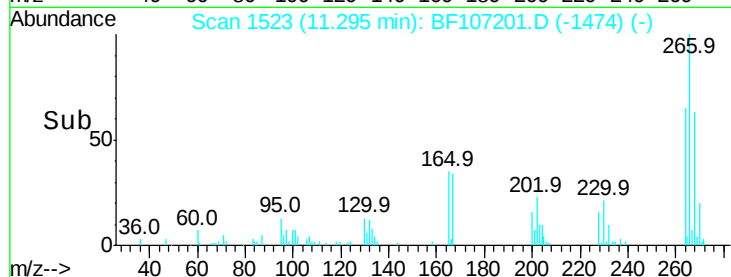
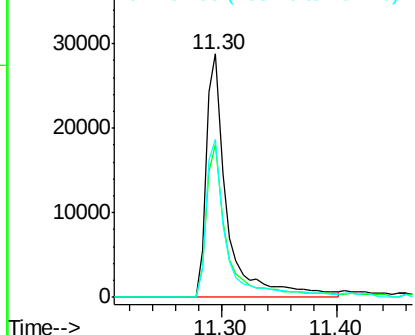
#69
 Pentachlorophenol
 Concen: 27.086 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

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

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

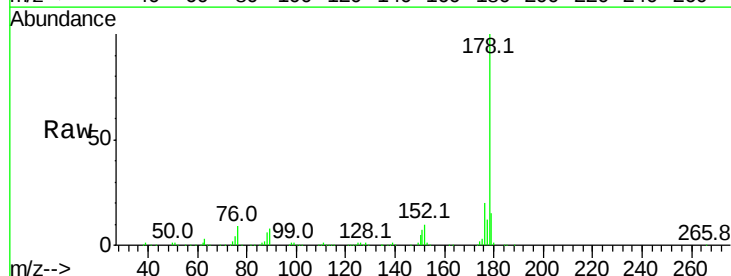


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

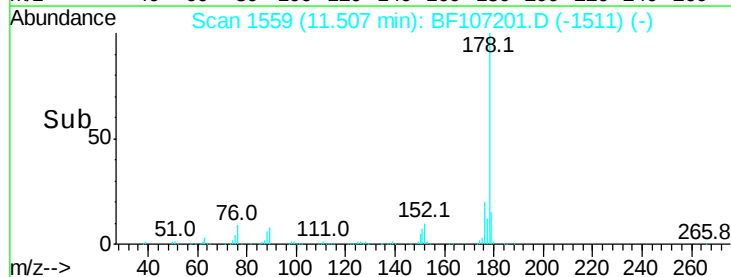
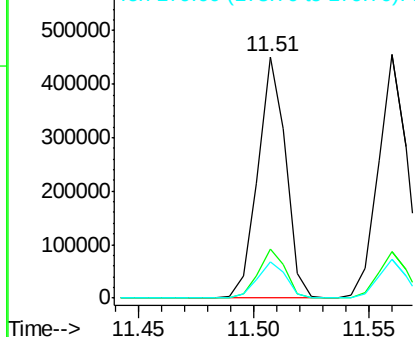


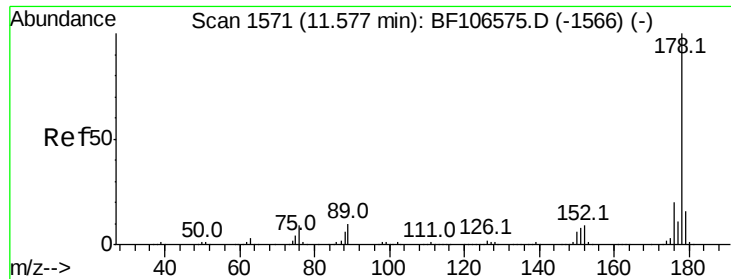
#70
 Phenanthrene
 Concen: 36.574 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. -0.02 min
 Lab File: BF107201.D
 Acq: 7 Jul 2018 12:56

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

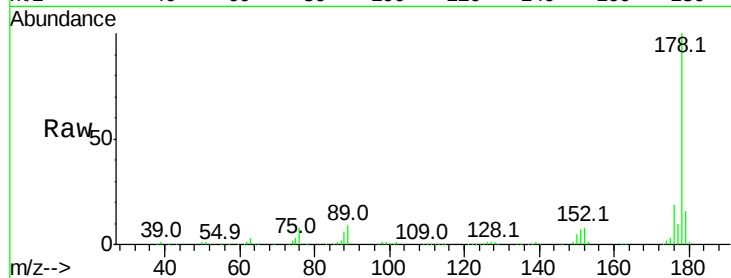
Tot Ion:178 Resp: 388654

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

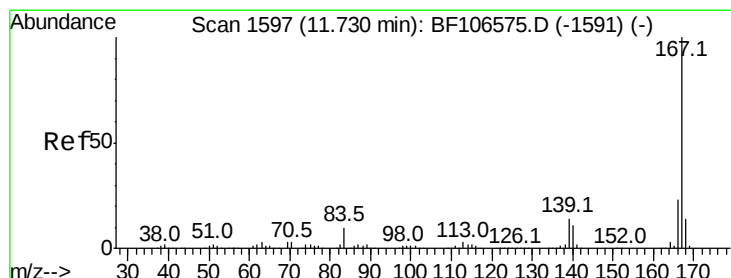
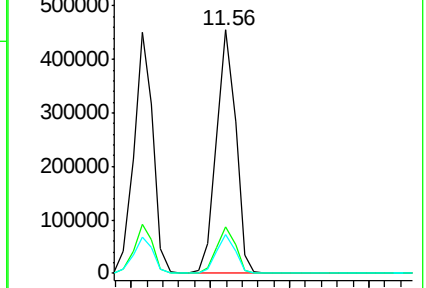
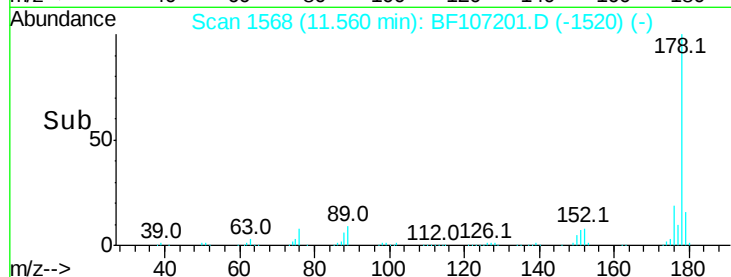
179 15.9 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 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

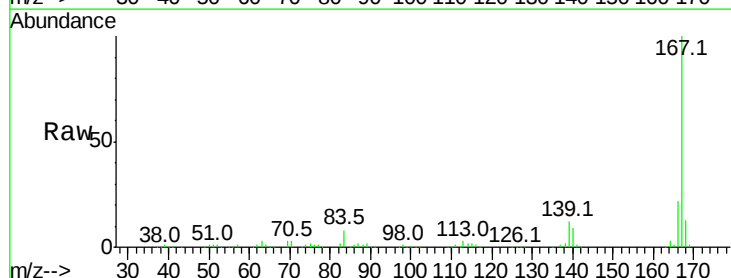
Tgt Ion:167 Resp: 330717

Ion Ratio Lower Upper

167 100

166 21.5 17.6 26.4

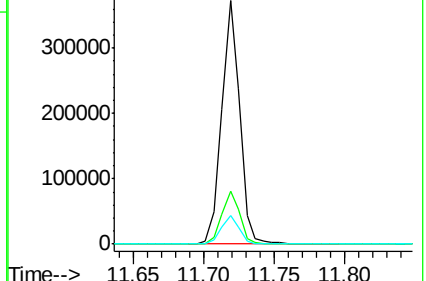
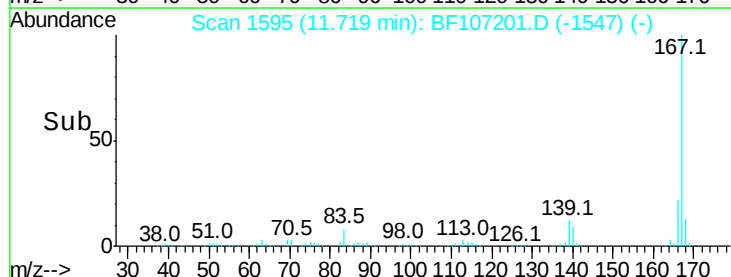
139 11.9 10.9 16.3

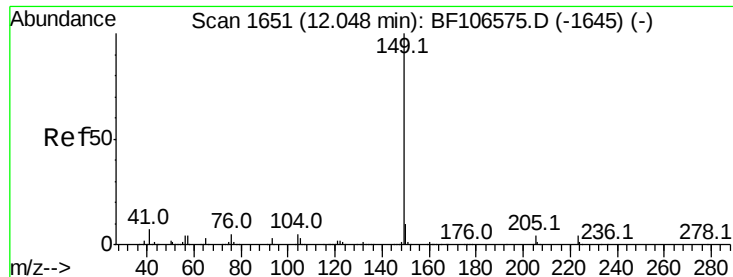


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 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

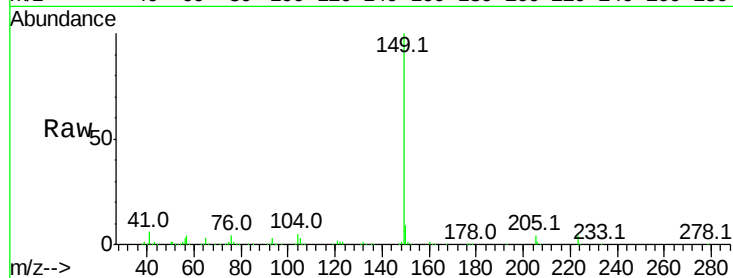
Tot Ion:149 Resp: 369429

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

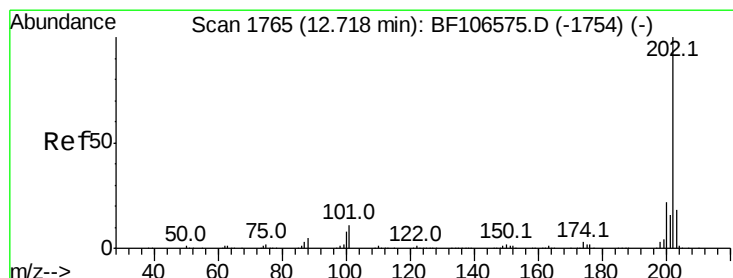
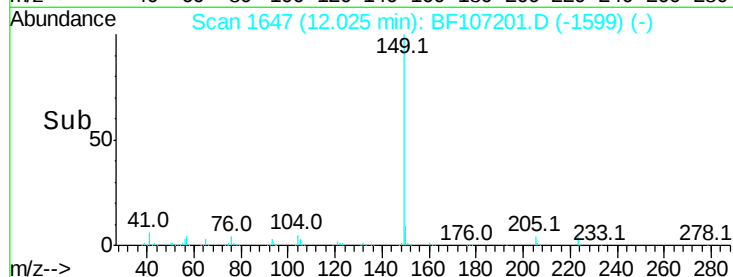
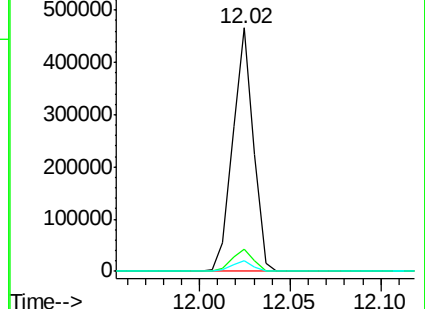
104 4.6 3.8 5.8



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

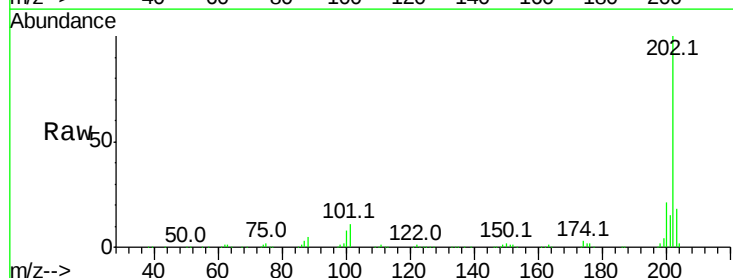
Tgt Ion:202 Resp: 382881

Ion Ratio Lower Upper

202 100

101 10.8 0.0 34.1

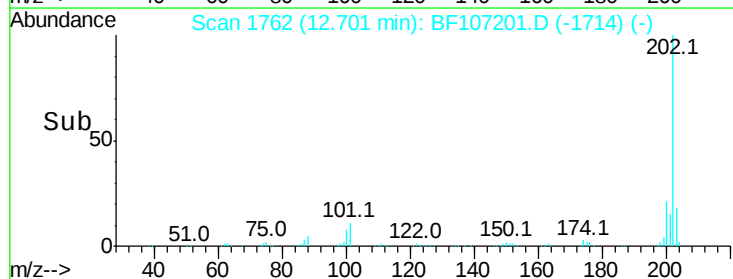
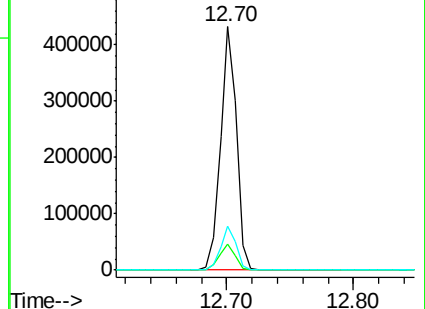
203 18.2 0.0 38.1

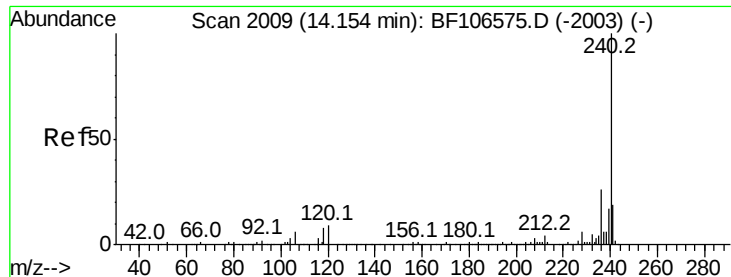


Abundance Ion 202.00 (201.70 to 202.70): E

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

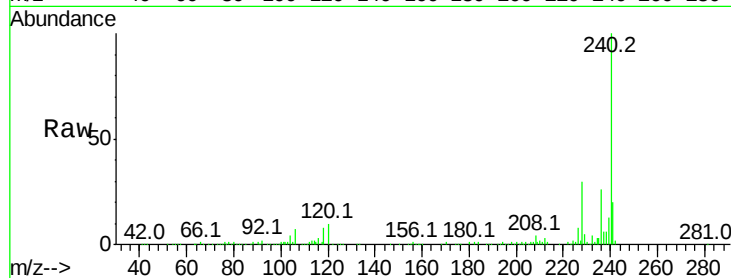
Tot Ion:240 Resp: 148820

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

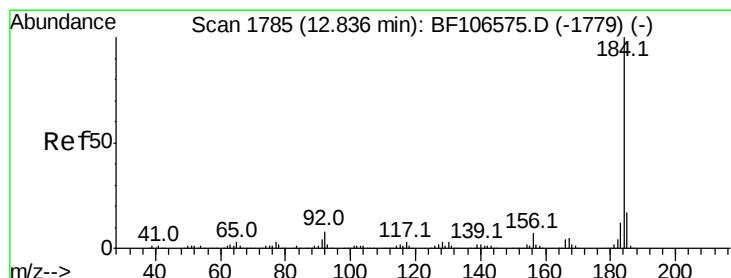
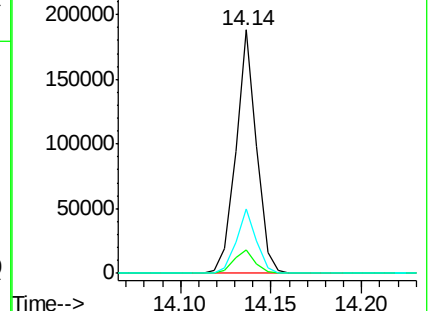
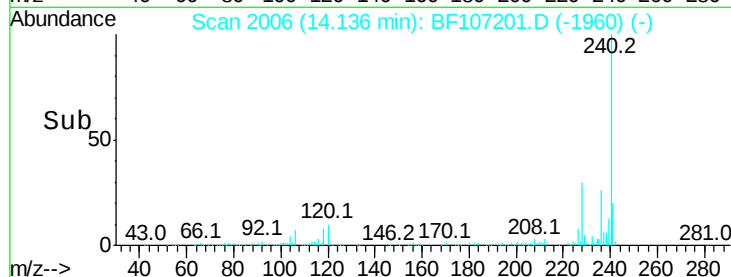
236 26.3 20.7 31.1



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

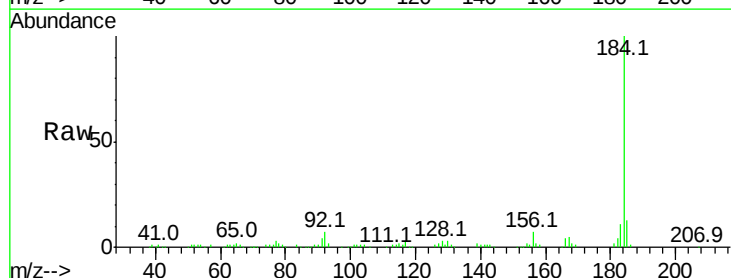
Tgt Ion:184 Resp: 149797

Ion Ratio Lower Upper

184 100

185 13.5 12.6 18.8

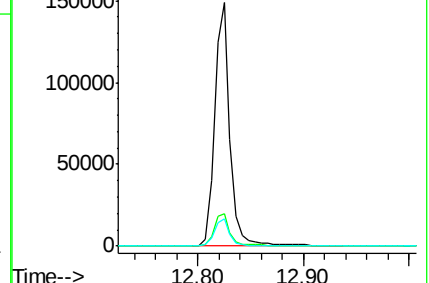
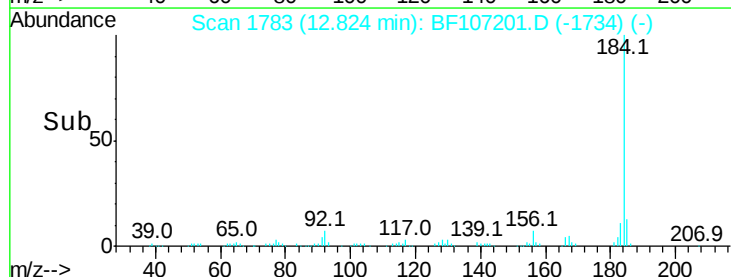
183 11.4 9.3 13.9

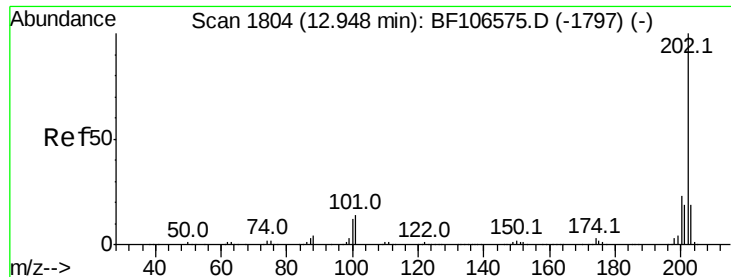


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

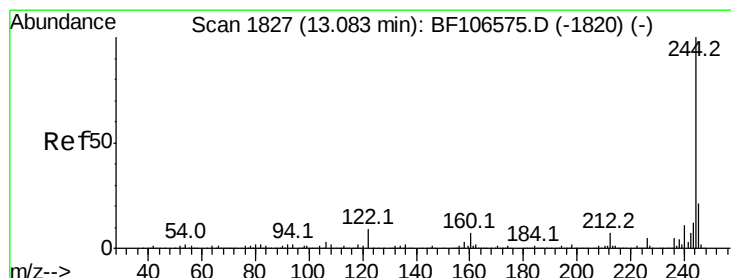
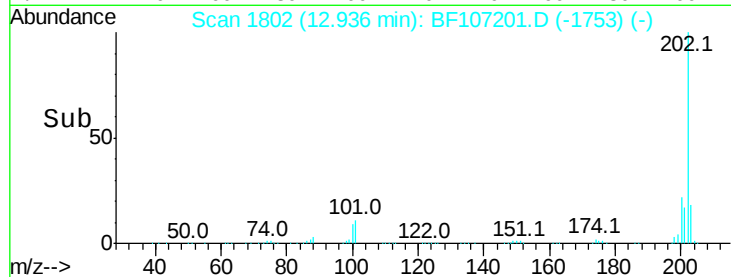
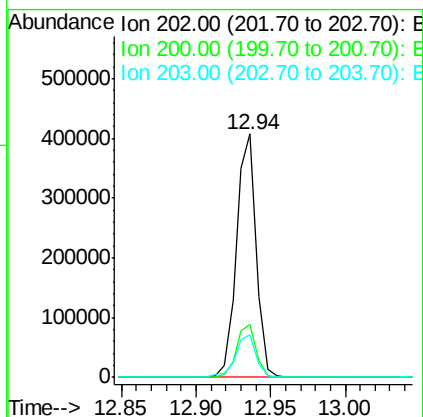
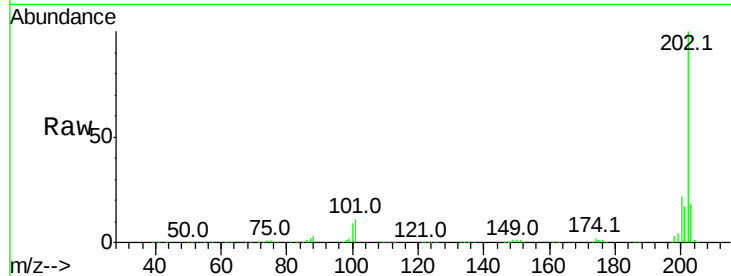




#77
Pvrene
Concen: 38.356 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

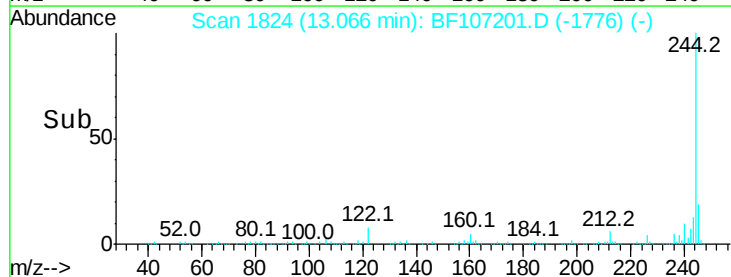
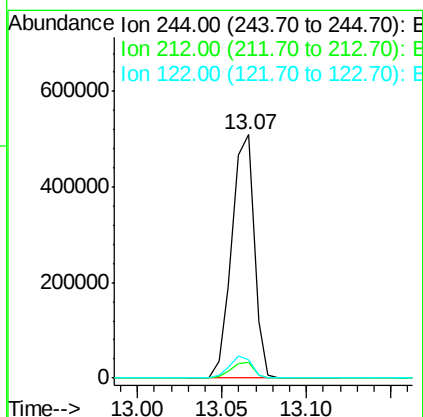
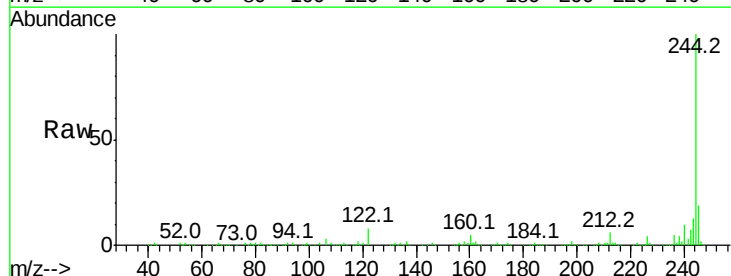
Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MS

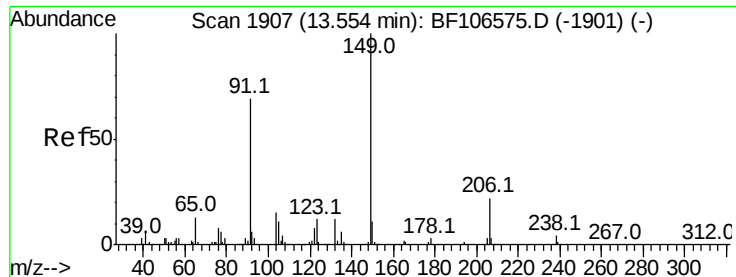
Tot Ion:202 Resp: 376411
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.5 14.3 21.5



#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#

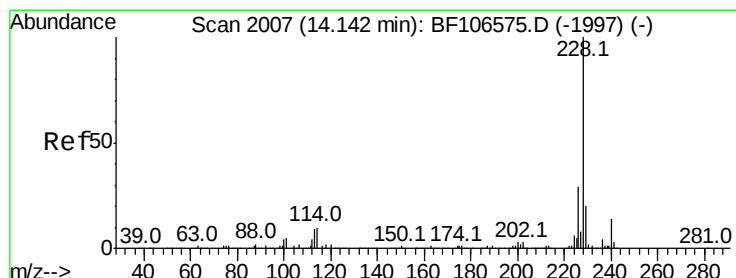
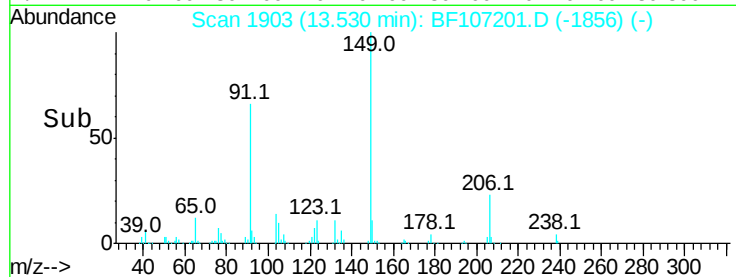
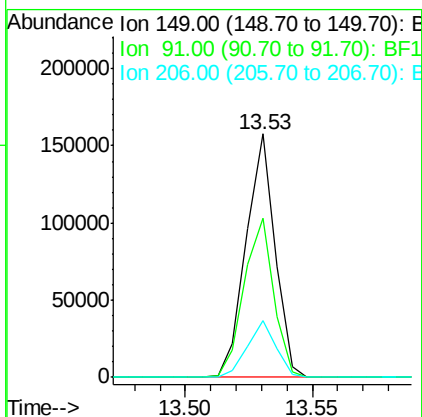
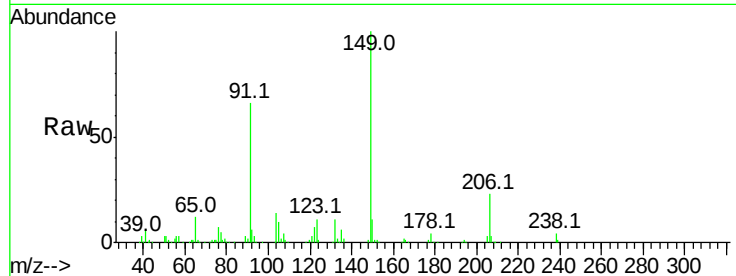




#79
Butylbenzylphthalate
Concen: 31.206 ng
RT: 13.53 min Scan# 1903
Delta R.T. -0.02 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

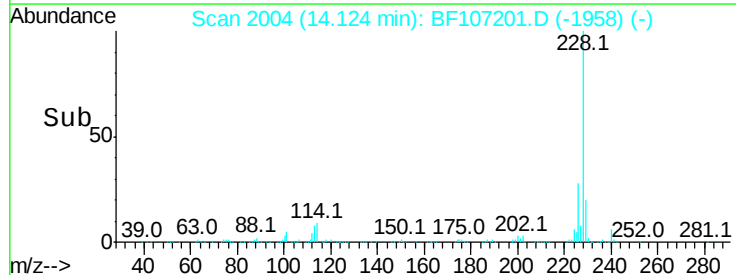
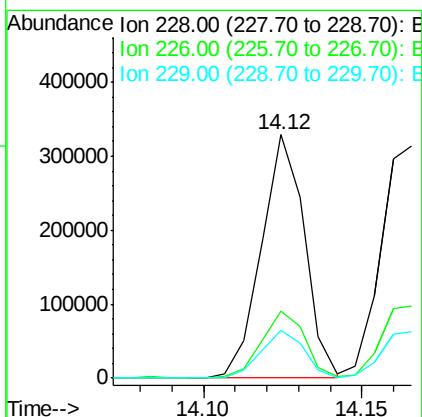
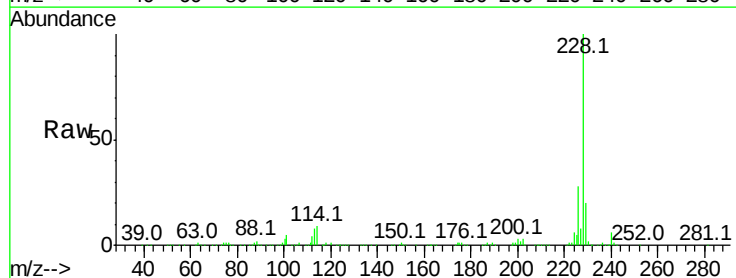
Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MS

Tot 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

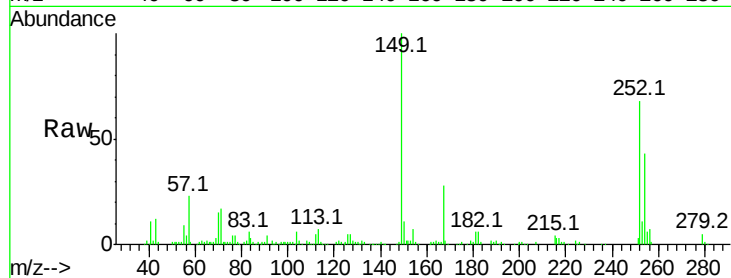
Tot Ion:252 Resp: 97462

Ion Ratio Lower Upper

252 100

254 63.5 50.4 75.6

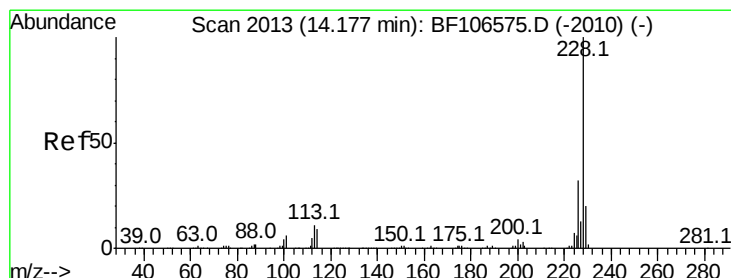
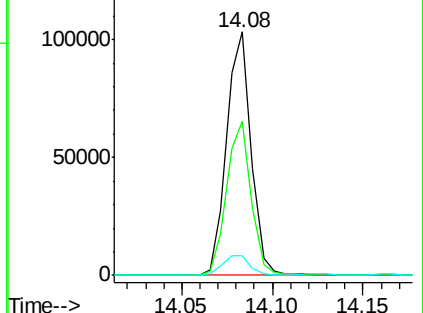
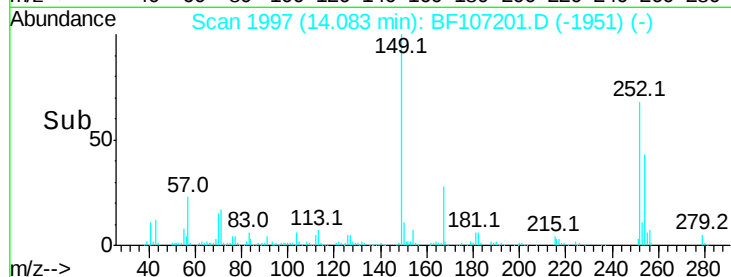
126 7.8 11.3 16.9#



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

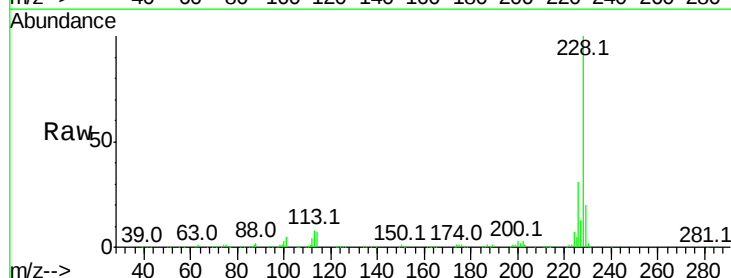
Tgt Ion:228 Resp: 297315

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

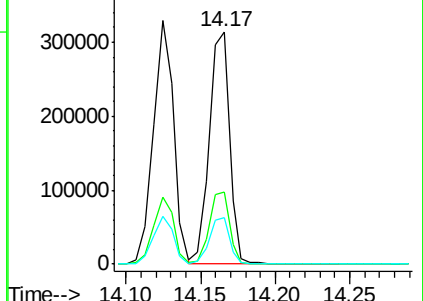
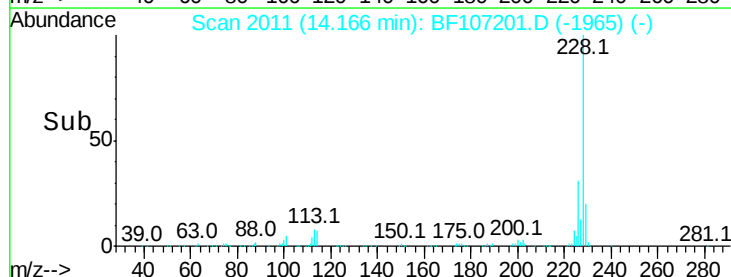
229 19.8 16.2 24.4



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

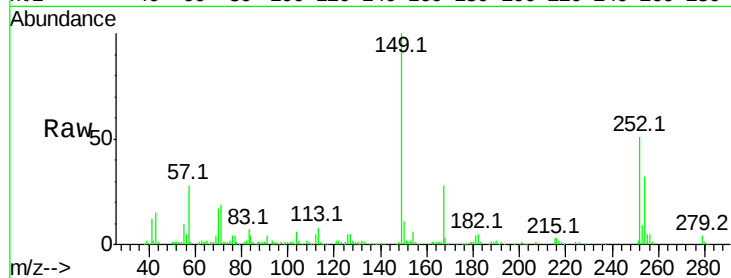
Tot Ion:149 Resp: 156189

Ion Ratio Lower Upper

149 100

167 28.0 21.3 31.9

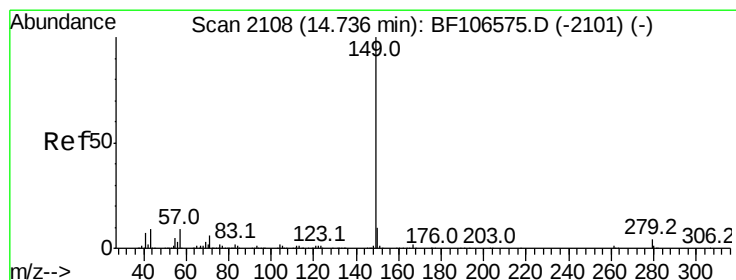
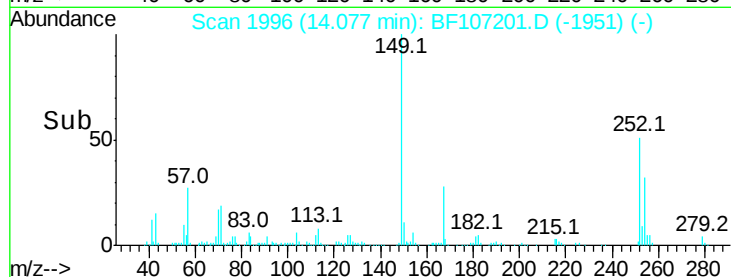
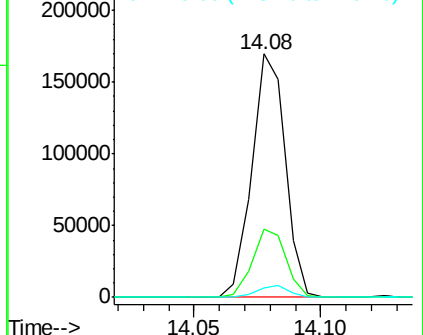
279 4.1 3.0 4.4



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

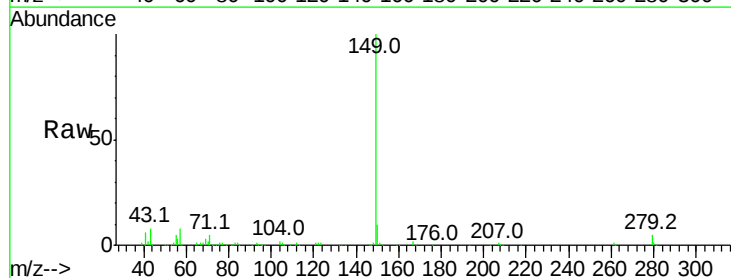
Tgt Ion:149 Resp: 272212

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

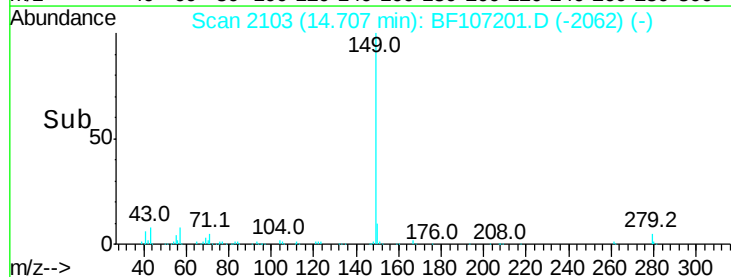
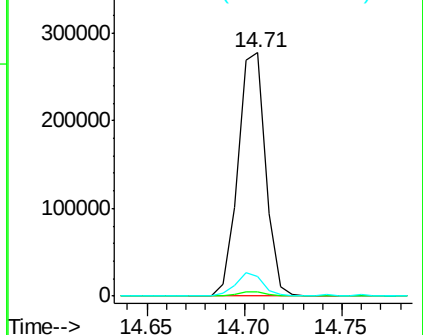
43 8.8 8.4 12.6

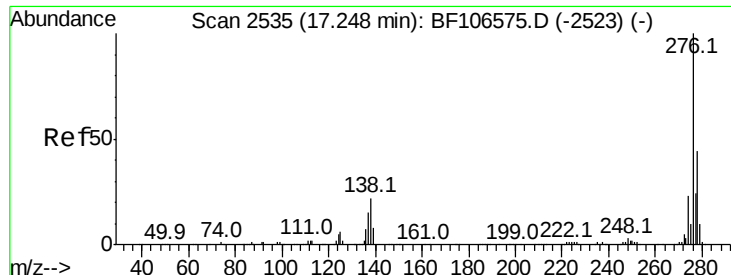


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

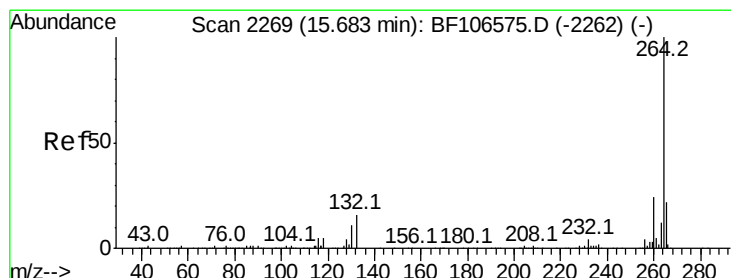
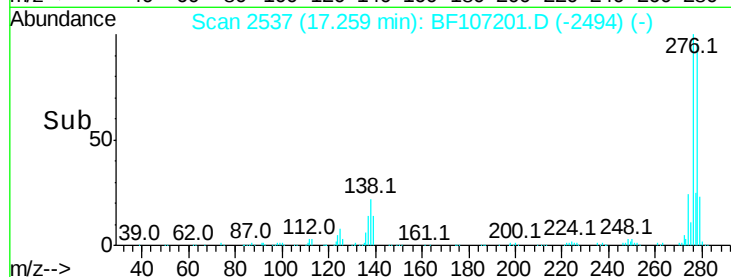
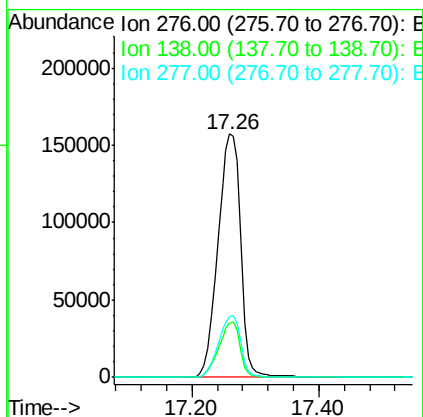
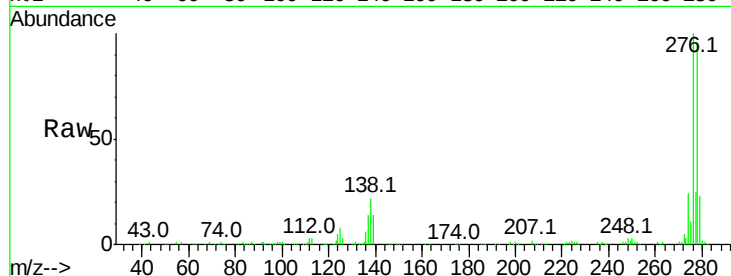




#85
Indeno(1,2,3-cd)pyrene
Concen: 55.932 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.05 min
Lab File: BF107201.D
Acq: 7 Jul 2018 12:56

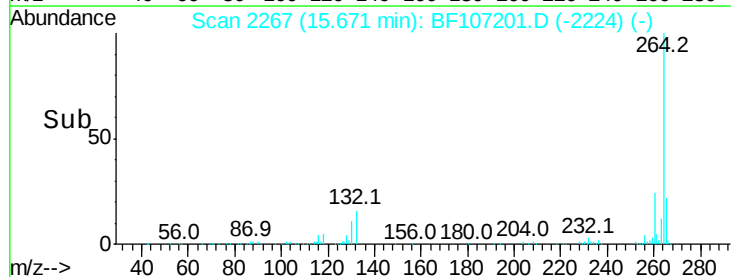
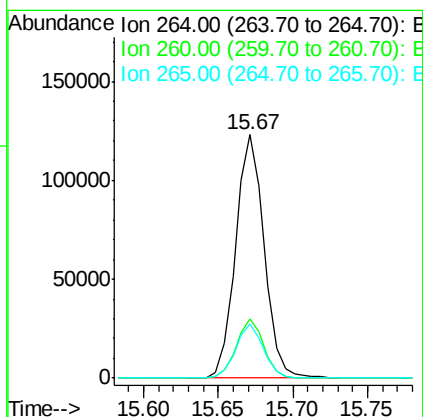
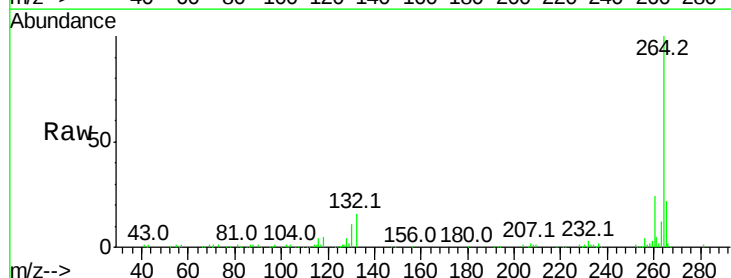
Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MS

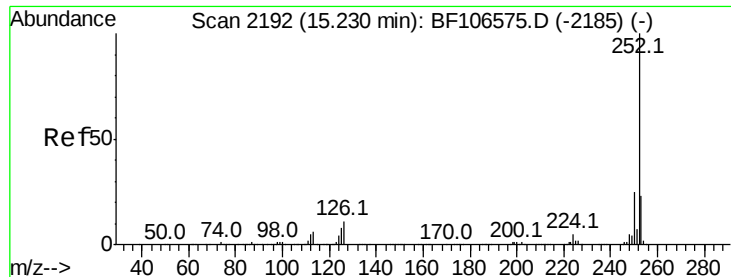
Tot Ion:276 Resp: 396072
Ion Ratio Lower Upper
276 100
138 21.3 25.0 37.6#
277 24.9 20.1 30.1



#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:264 Resp: 163788
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

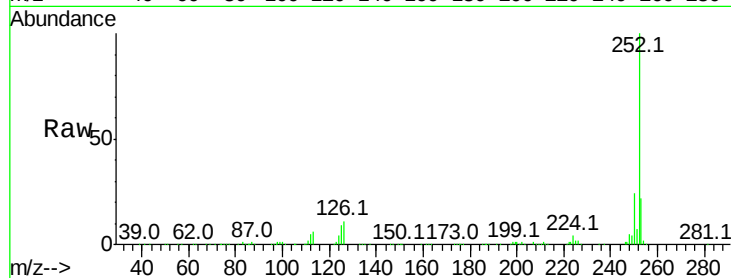
Tot Ion:252 Resp: 324752

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

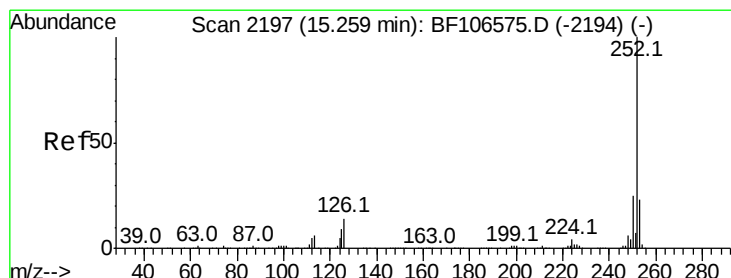
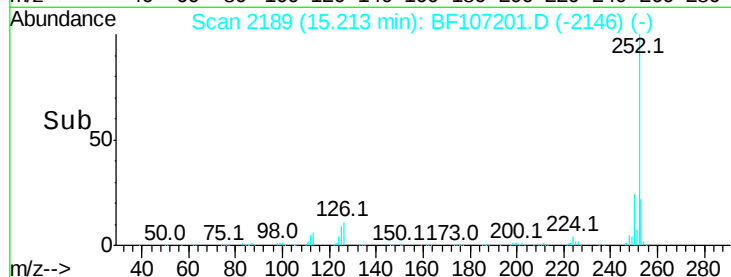
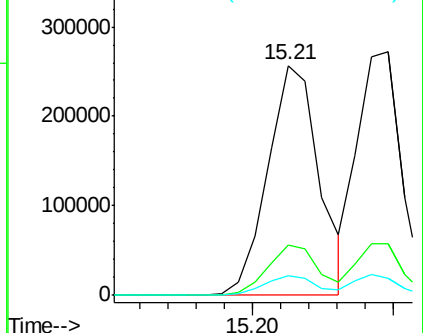
125 8.7 9.0 13.6#



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



#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

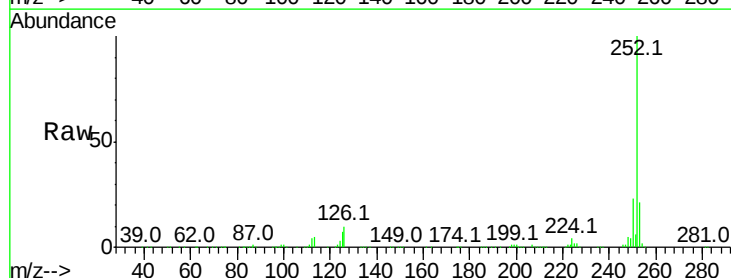
Tgt Ion:252 Resp: 300049

Ion Ratio Lower Upper

252 100

253 21.3 17.9 26.9

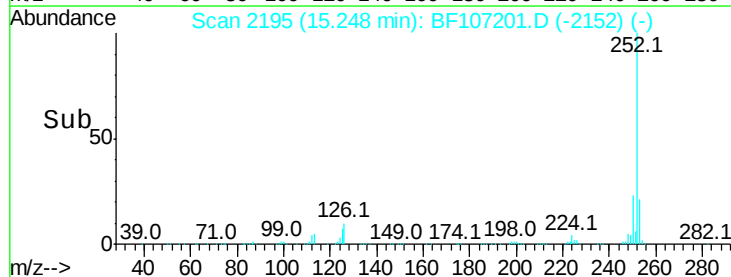
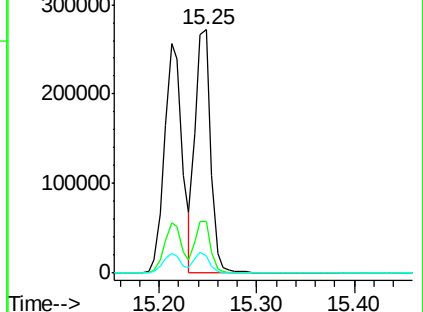
125 7.3 10.2 15.2#

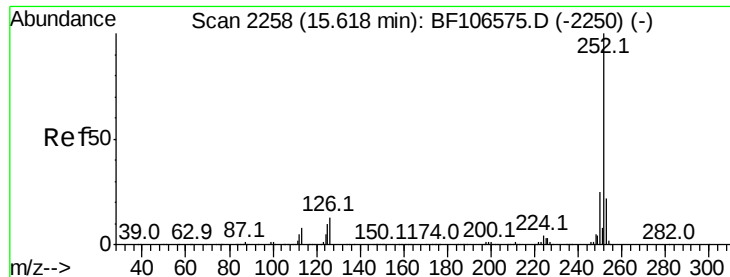


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#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

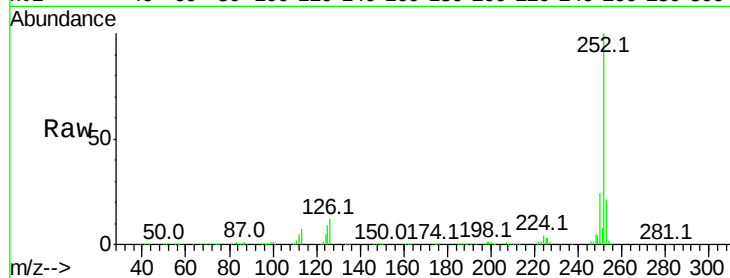
Tot Ion:252 Resp: 318170

Ion Ratio Lower Upper

252 100

253 20.9 17.1 25.7

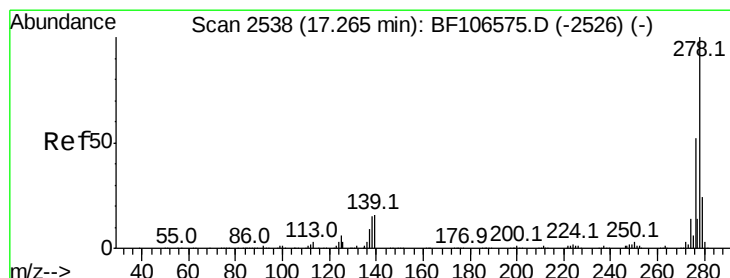
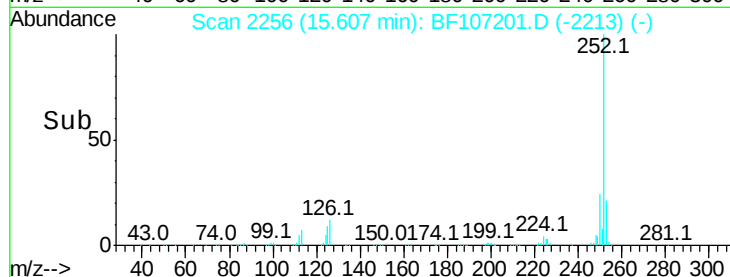
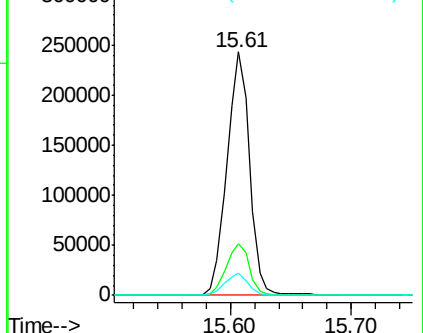
125 9.2 9.8 14.6#



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

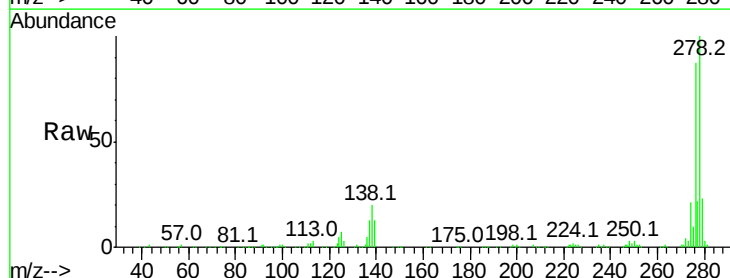
Tgt Ion:278 Resp: 331599

Ion Ratio Lower Upper

278 100

139 13.5 15.9 23.9#

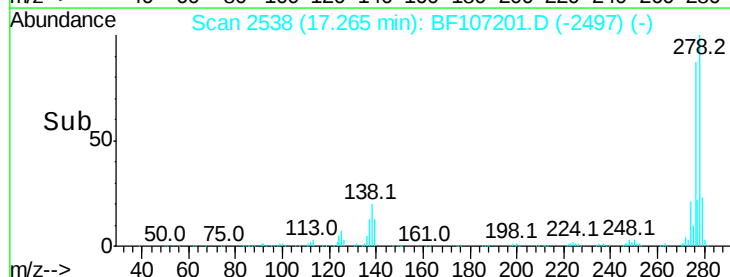
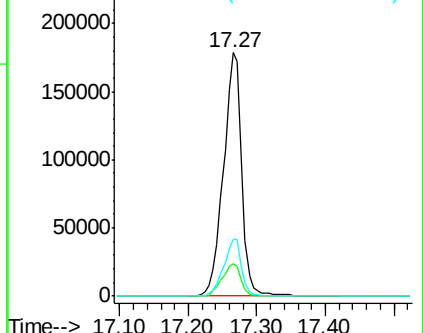
279 23.4 19.0 28.4

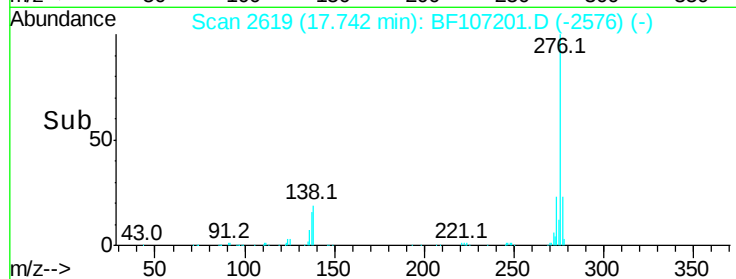
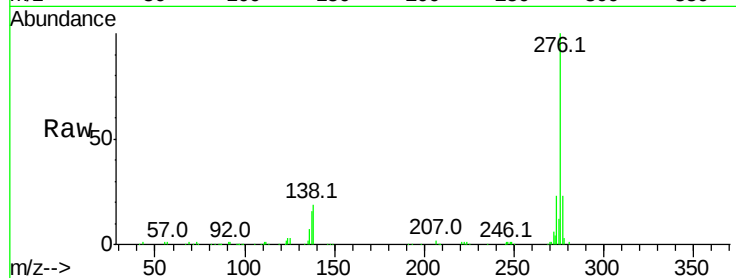
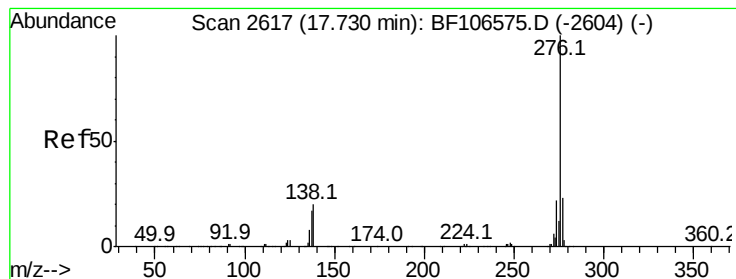


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,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

Tot Ion:276 Resp: 342019

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 18.8 21.8 32.8#

