

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
 Data File : BF107036.D
 Acq On : 2 Jul 2018 11:28
 Operator : JU/SJ
 Sample : J3749-04MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MSD

Quant Time: Jul 02 13:15:44 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	6.95	152	66113	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	243308	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	108595	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	189343	20.00	ng	0.00
75) Chrysene-d12	14.16	240	164126	20.00	ng	0.00
86) Perylene-d12	15.71	264	131331	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	416605	106.70	ng	0.00
7) Phenol-d6	6.61	99	517270	106.09	ng	0.00
23) Nitrobenzene-d5	7.52	82	326365	74.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	146148	116.12	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	603093	95.89	ng	-0.01
78) Terphenyl-d14	13.08	244	598272	88.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	51871	25.841	ng	98
3) Pyridine	3.62	79	159046	29.216	ng	97
4) n-Nitrosodimethylamine	3.57	42	66584	28.798	ng	84
6) Aniline	6.63	93	117617	17.783	ng	# 1
8) 2-Chlorophenol	6.75	128	157127	36.692	ng	98
9) Benzaldehyde	6.51	77	90505	24.541	ng	99
10) Phenol	6.62	94	202580	36.406	ng	86
11) bis(2-Chloroethyl)ether	6.69	93	181870	39.591	ng	98
12) 1,3-Dichlorobenzene	6.90	146	182156	36.318	ng	97
13) 1,4-Dichlorobenzene	6.98	146	183910	36.269	ng	96
14) 1,2-Dichlorobenzene	7.13	146	172528	37.125	ng	95
15) Benzyl Alcohol	7.11	79	130457	33.322	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	215434	35.744	ng	53
17) 2-Methylphenol	7.22	107	132085	36.042	ng	# 89
18) Hexachloroethane	7.47	117	54661	30.654	ng	# 82
19) n-Nitroso-di-n-propylamine	7.37	70	111110	34.571	ng	95
20) 3+4-Methylphenols	7.38	107	177988	44.987	ng	95
22) Acetophenone	7.37	105	224701	41.279	ng	# 97
24) Nitrobenzene	7.54	77	166884	37.335	ng	98
25) Isophorone	7.78	82	299984	38.884	ng	98
26) 2-Nitrophenol	7.86	139	84710	40.145	ng	94
27) 2,4-Dimethylphenol	7.90	122	144928	44.436	ng	97
28) bis(2-Chloroethoxy)methane	7.98	93	194181	37.487	ng	99
29) 2,4-Dichlorophenol	8.11	162	144472	42.311	ng	94
30) 1,2,4-Trichlorobenzene	8.18	180	157297	41.817	ng	98
31) Naphthalene	8.27	128	467053	41.058	ng	99
33) 4-Chloroaniline	8.32	127	104323	21.857	ng	99
34) Hexachlorobutadiene	8.37	225	101391	41.367	ng	100
35) Caprolactam	8.68	113	41300	37.106	ng	98
36) 4-Chloro-3-methylphenol	8.81	107	133809	37.231	ng	97
37) 2-Methylnaphthalene	8.95	142	329207	43.662	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	168505	46.076	ng	# 96
42) 2,4,6-Trichlorophenol	9.24	196	99293	40.845	ng	95
43) 2,4,5-Trichlorophenol	9.24	196	99293	39.144	ng	90

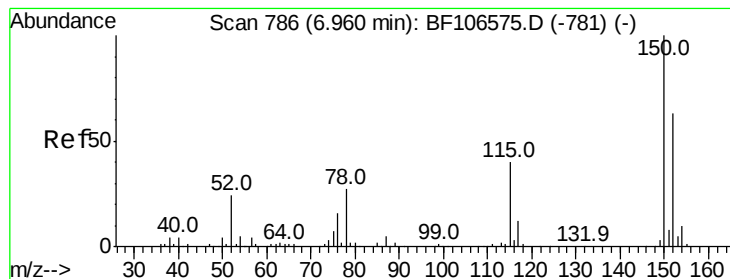
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
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 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.42	154	381702	44.105	nq	98
46) 2-Chloronaphthalene	9.45	162	270481	39.705	nq	96
47) 2-Nitroaniline	9.55	65	84982	37.097	nq	94
48) Acenaphthylene	9.87	152	433329	40.290	nq	99
49) Dimethylphthalate	9.71	163	435112	53.422	nq	# 98
50) 2,6-Dinitrotoluene	9.79	165	71210	41.289	nq	# 81
51) Acenaphthene	10.04	154	262794	38.802	nq	98
52) 3-Nitroaniline	9.96	138	56204	28.319	nq	99
53) 2,4-Dinitrophenol	10.08	184	1787	7.212	nq	# 32
54) Dibenzofuran	10.21	168	391738	42.241	nq	97
55) 4-Nitrophenol	10.14	139	69151	49.917	nq	96
56) 2,4-Dinitrotoluene	10.20	165	85598	38.023	nq	89
57) Fluorene	10.55	166	307191	41.742	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	78036	38.701	nq	# 78
59) Diethylphthalate	10.41	149	301171	38.312	nq	# 92
60) 4-Chlorophenyl-phenylether	10.54	204	155697	40.435	nq	# 85
61) 4-Nitroaniline	10.58	138	61395	31.170	nq	96
62) Azobenzene	10.70	77	256297	33.108	nq	89
64) 4,6-Dinitro-2-methylphenol	10.61	198	12955	11.069	nq	# 73
65) n-Nitrosodiphenylamine	10.66	169	250531	39.338	nq	100
66) 4-Bromophenyl-phenylether	11.03	248	99075	43.844	nq	# 78
67) Hexachlorobenzene	11.10	284	97757	41.333	nq	# 85
68) Atrazine	11.18	200	83438	41.212	nq	97
69) Pentachlorophenol	11.31	266	56061	47.506	nq	99
70) Phenanthrene	11.52	178	597134	65.386	nq	99
71) Anthracene	11.57	178	478682	51.353	nq	99
72) Carbazole	11.73	167	353835	40.544	nq	99
73) Di-n-butylphthalate	12.04	149	396963	38.610	nq	100
74) Fluoranthene	12.72	202	928728	92.266	nq	95
76) Benzidine	12.84	184	61895	13.242	nq	98
77) Pyrene	12.95	202	935509	86.437	nq	98
79) Butylbenzylphthalate	13.55	149	159189	35.774	nq	# 91
80) Benzo(a)anthracene	14.15	228	720691	72.047	nq	97
81) 3,3'-Dichlorobenzidine	14.10	252	94328	26.831	nq	# 96
82) Chrysene	14.19	228	647212	70.329	nq	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	224546	39.470	nq	# 97
84) Di-n-octyl phthalate	14.74	149	368073	39.692	nq	# 93
85) Indeno(1,2,3-cd)pyrene	17.32	276	398839	51.070	nq	# 87
87) Benzo(b)fluoranthene	15.25	252	685031	83.968	nq	95
88) Benzo(k)fluoranthene	15.28	252	421529	54.258	nq	# 95
89) Benzo(a)pyrene	15.65	252	537124	74.061	nq	# 94
90) Dibenzo(a,h)anthracene	17.32	278	254475	41.402	nq	# 92
91) Benzo(g,h,i)perylene	17.81	276	352837	58.732	nq	# 87

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

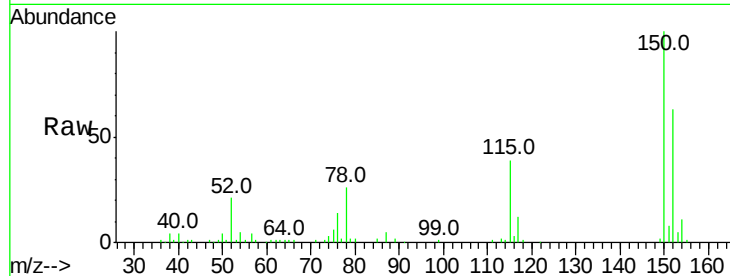


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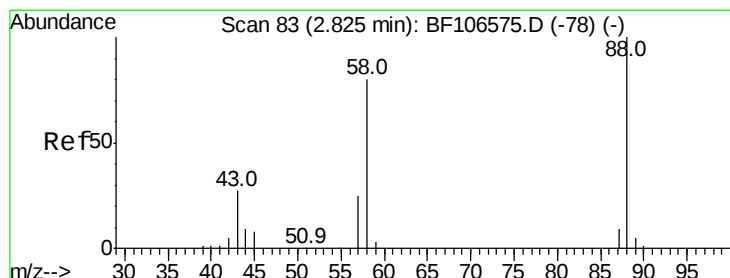
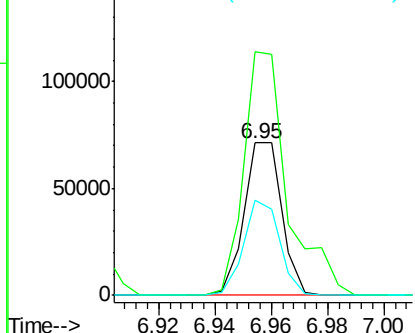
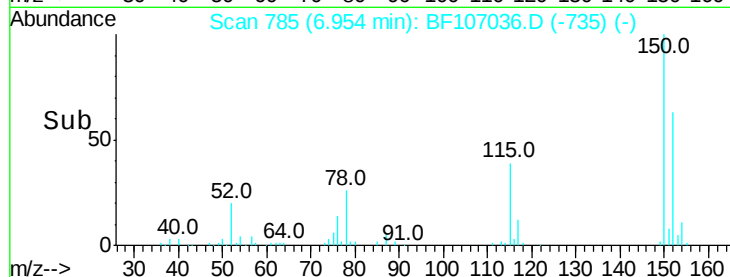
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

Tot Ion:152 Resp: 66113
Ion Ratio Lower Upper
152 100
150 159.8 124.6 186.8
115 62.4 50.1 75.1



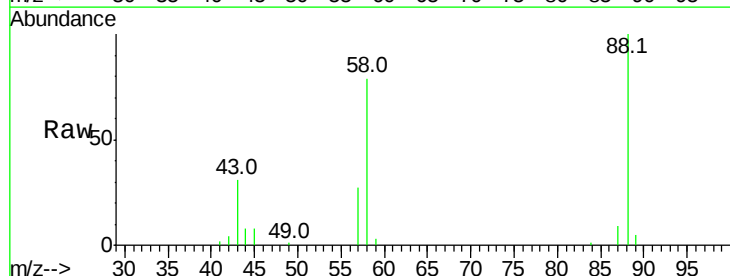
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



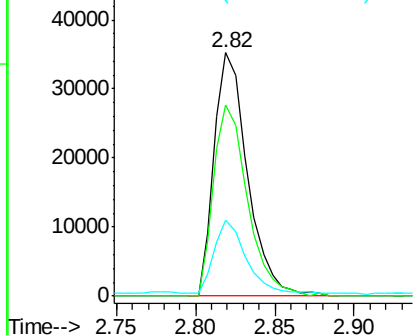
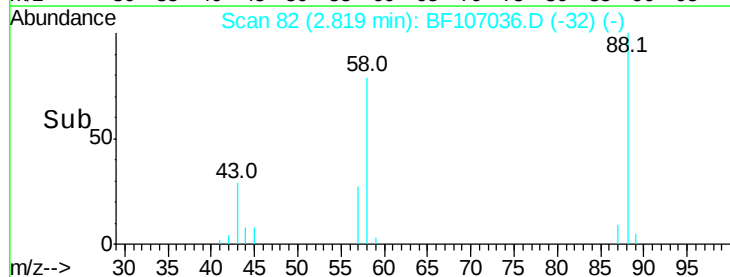
#2

1,4-Dioxane
Concen: 25.841 ng
RT: 2.82 min Scan# 82
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

Tgt Ion: 88 Resp: 51871
Ion Ratio Lower Upper
88 100
58 79.7 62.6 93.8
43 28.5 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

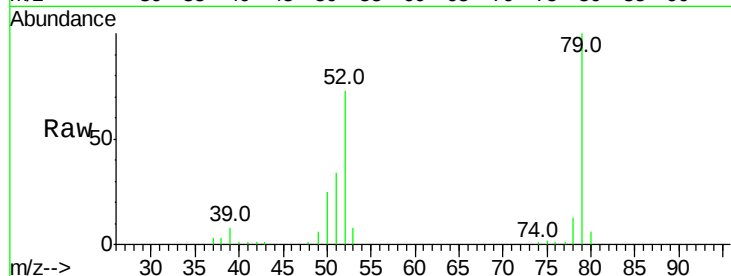




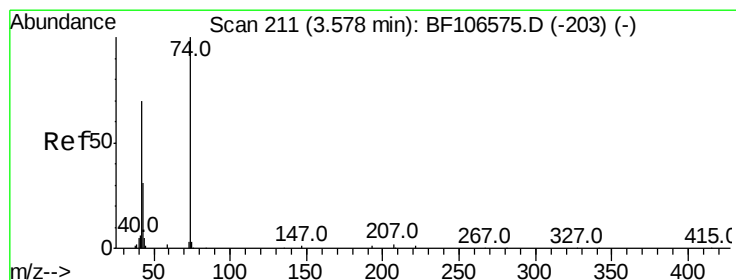
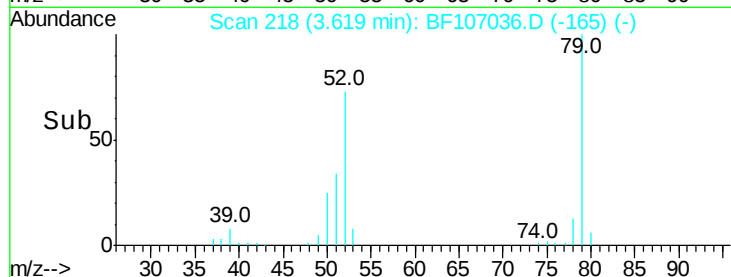
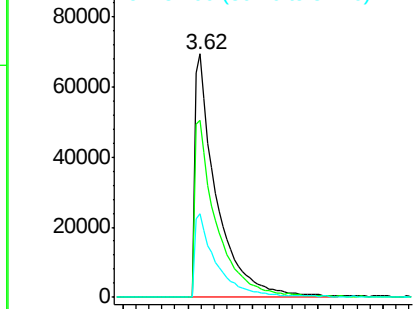
#3
 Pvridine
 Concen: 29.216 ng
 RT: 3.62 min Scan# 218
 Delta R.T. 0.01 min
 Lab File: BF107036.D
 Acq: 2 Jul 2018 11:28

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MSD

Tot Ion: 79 Resp: 159046
 Ion Ratio Lower Upper
 79 100
 52 72.7 59.8 89.6
 51 34.4 29.8 44.8

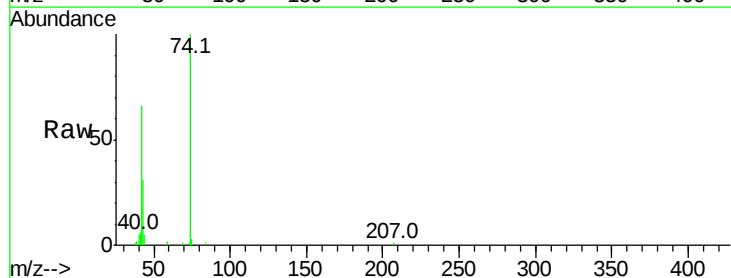


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

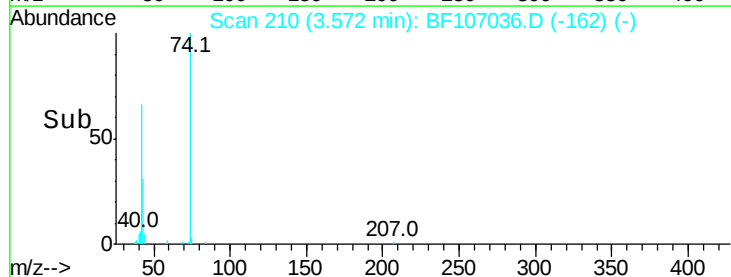
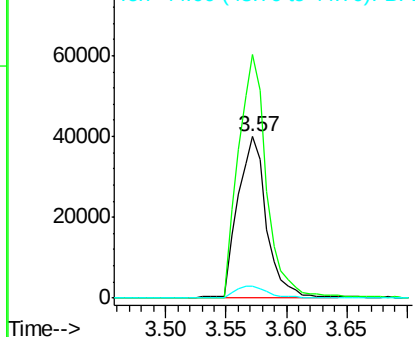


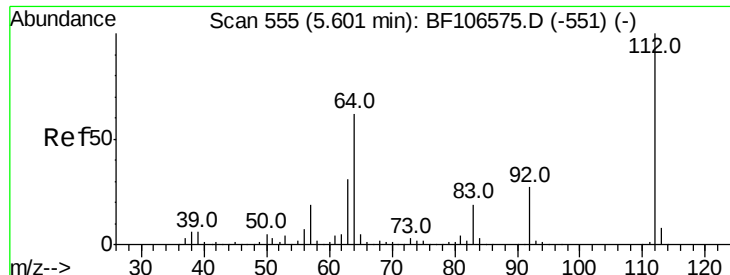
#4
 n-Nitrosodimethylamine
 Concen: 28.798 ng
 RT: 3.57 min Scan# 210
 Delta R.T. -0.02 min
 Lab File: BF107036.D
 Acq: 2 Jul 2018 11:28

Tgt Ion: 42 Resp: 66584
 Ion Ratio Lower Upper
 42 100
 74 151.1 104.9 157.3
 44 7.2 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: 106.703 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF107036.D

Acq: 2 Jul 2018 11:28

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MSD

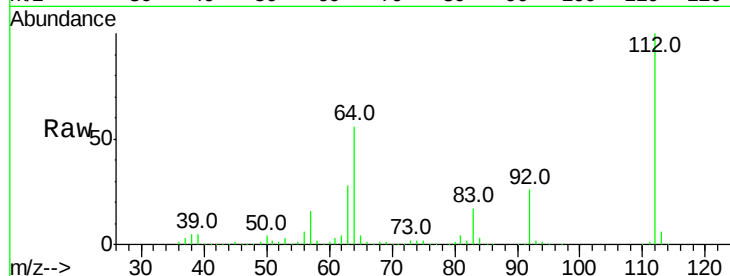
Tot Ion:112 Resp: 416605

Ion Ratio Lower Upper

112 100

64 55.8 47.9 71.9

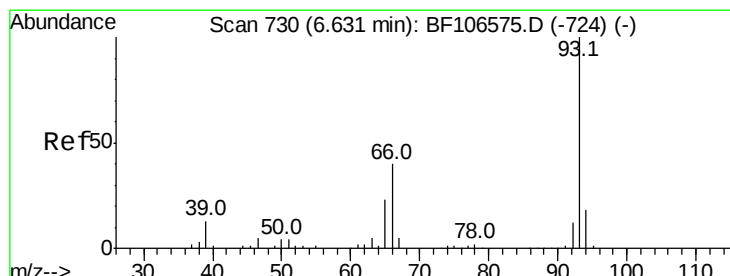
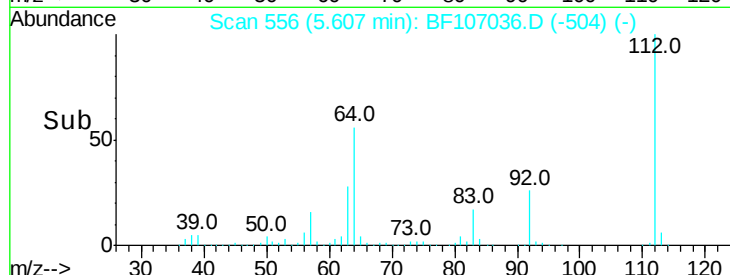
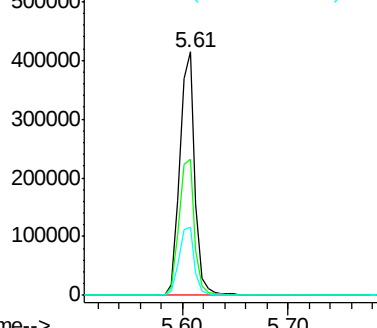
63 27.8 23.7 35.5



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: 17.783 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF107036.D

Acq: 2 Jul 2018 11:28

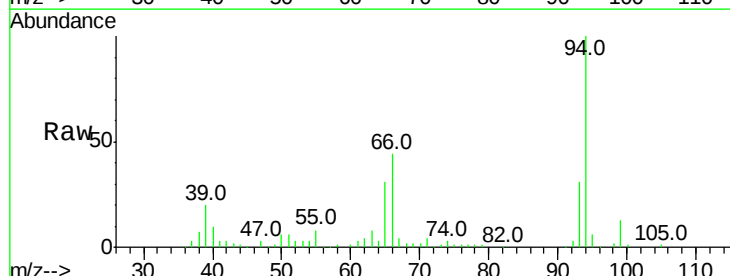
Tgt Ion: 93 Resp: 117617

Ion Ratio Lower Upper

93 100

66 140.9 32.2 48.2#

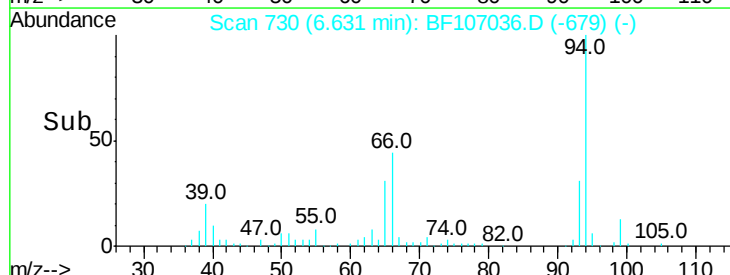
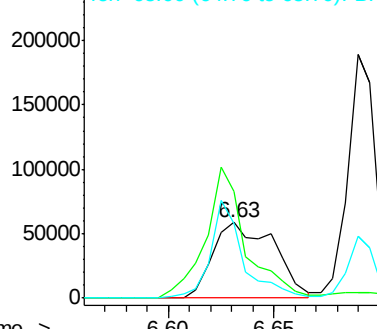
65 99.0 16.4 24.6#

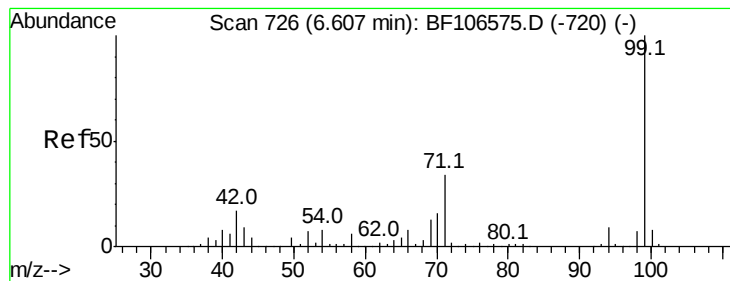


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.090 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107036.D

Acq: 2 Jul 2018 11:28

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MSD

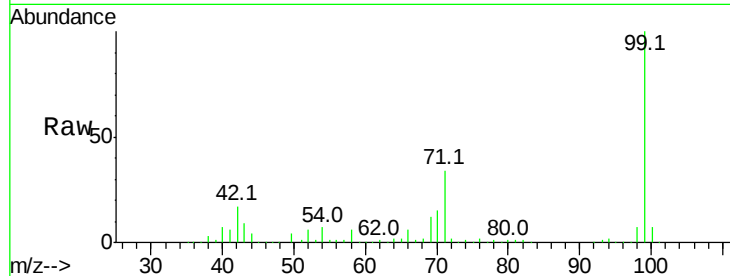
Tot Ion: 99 Resp: 517270

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

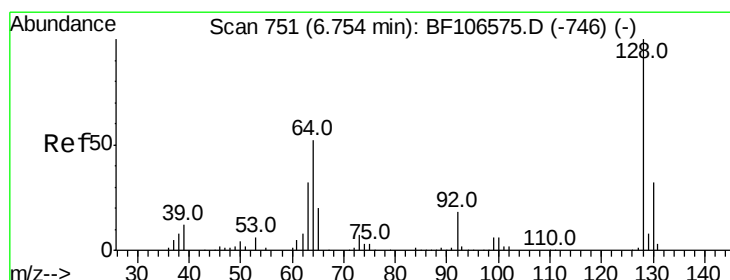
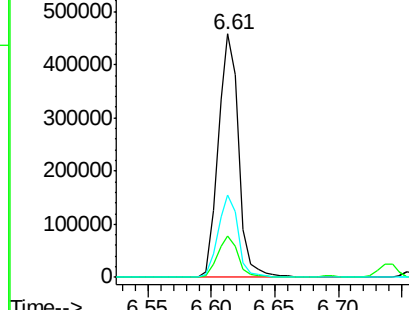
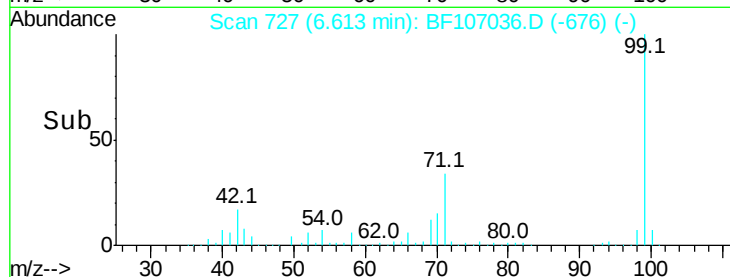
71 34.0 25.4 38.0



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: 36.692 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF107036.D

Acq: 2 Jul 2018 11:28

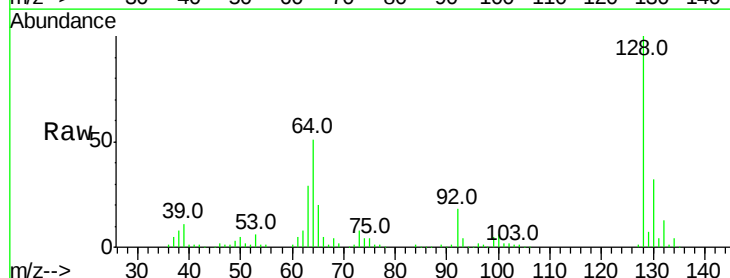
Tgt Ion: 128 Resp: 157127

Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

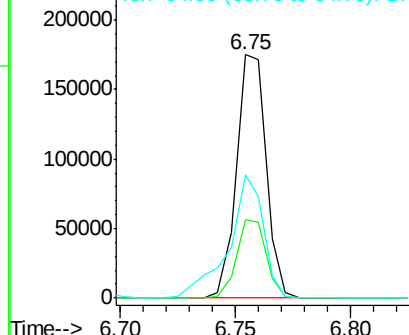
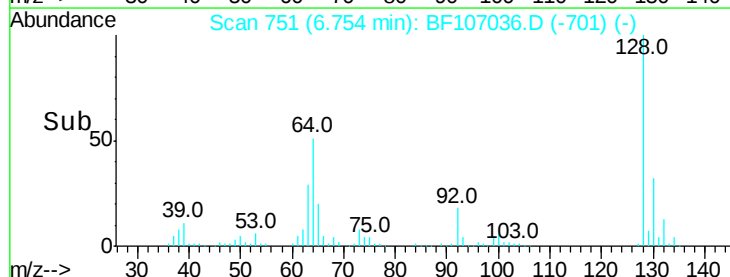
64 50.9 29.4 69.4

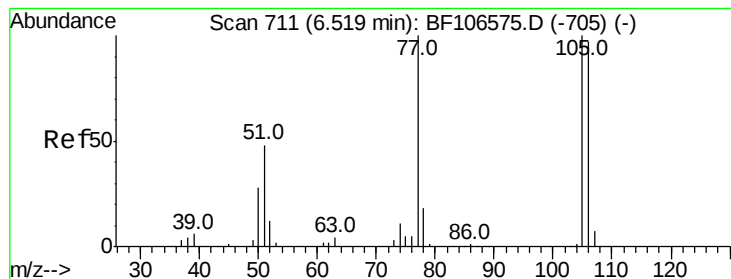


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.541 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF107036.D

Acq: 2 Jul 2018 11:28

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MSD

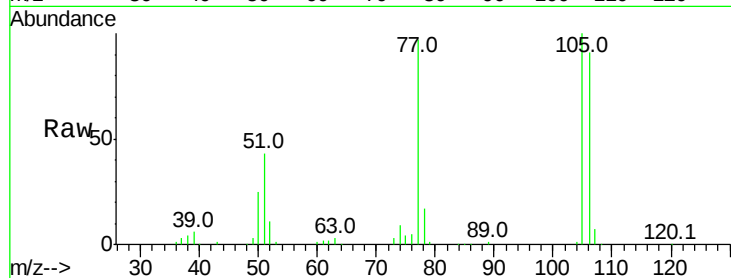
Tot Ion: 77 Resp: 90505

Ion Ratio Lower Upper

77 100

105 103.3 81.1 121.1

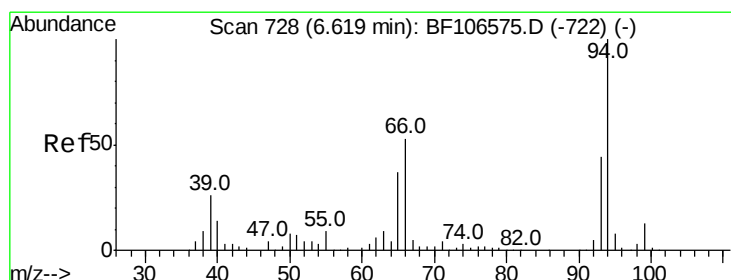
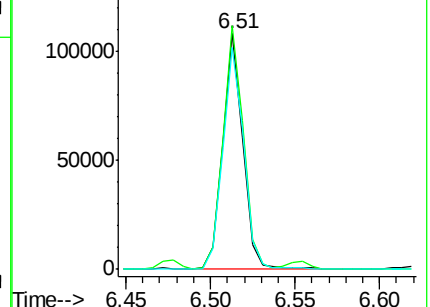
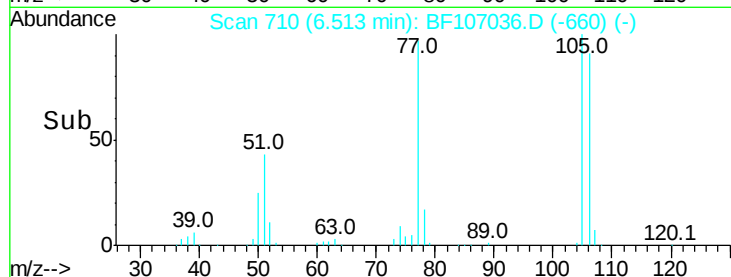
106 94.1 74.5 114.5



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: 36.406 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF107036.D

Acq: 2 Jul 2018 11:28

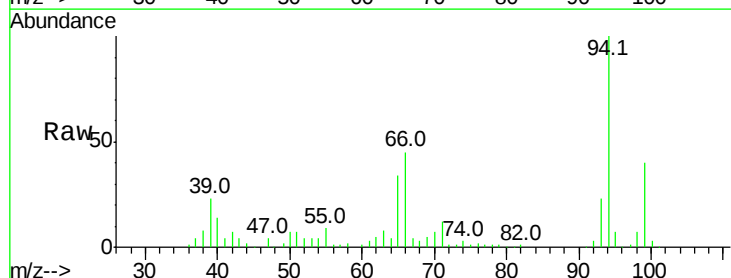
Tgt Ion: 94 Resp: 202580

Ion Ratio Lower Upper

94 100

65 33.8 7.9 47.9

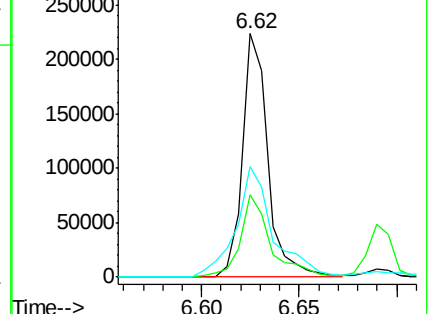
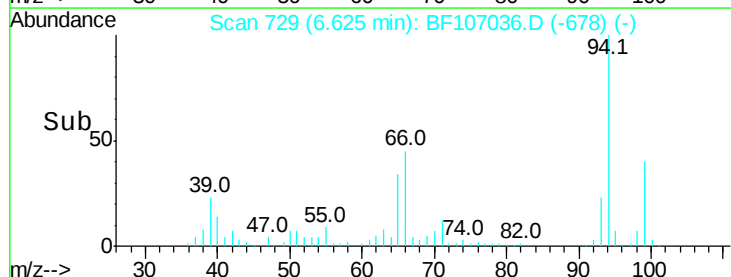
66 45.5 16.2 56.2



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

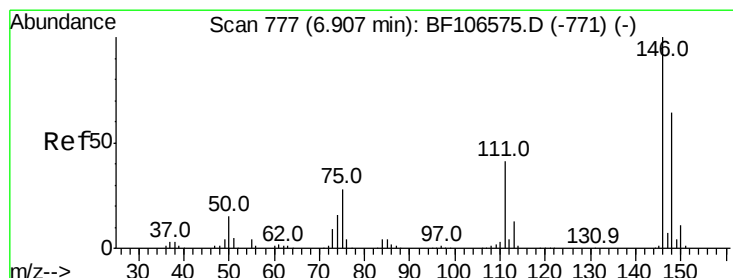
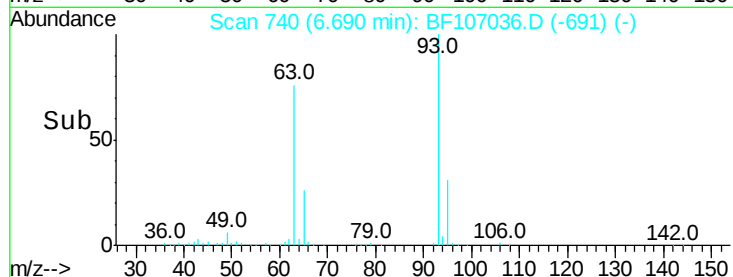
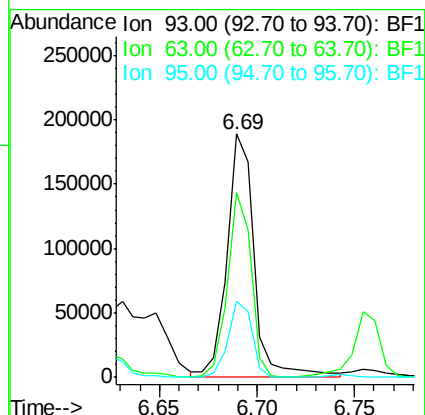
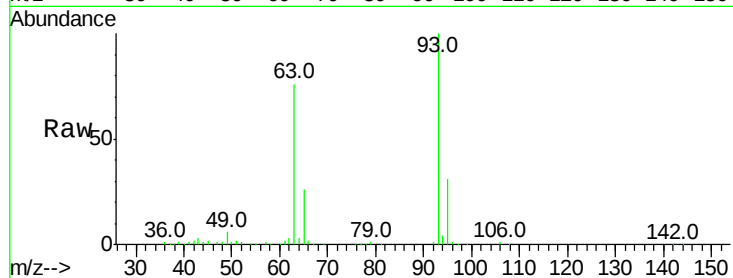




#11
bis(2-Chloroethyl)ether
Concen: 39.591 ng
RT: 6.69 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

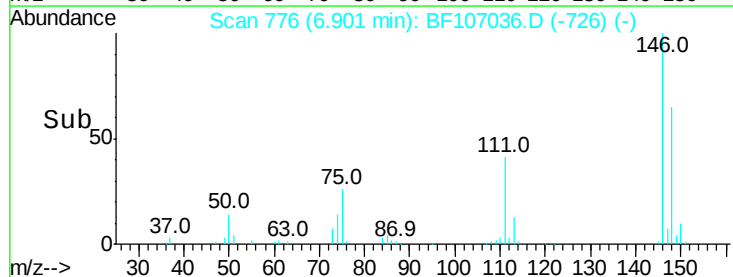
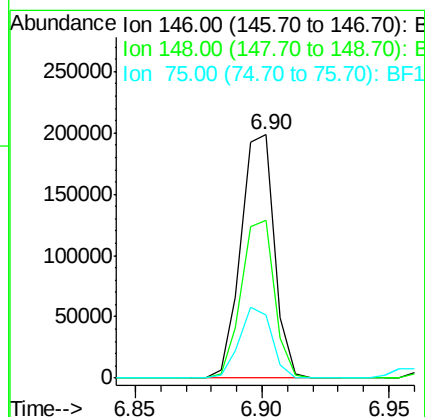
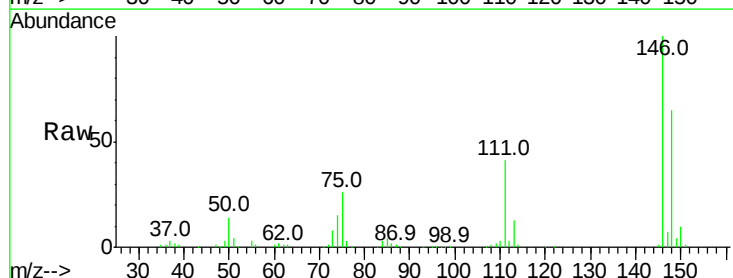
Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

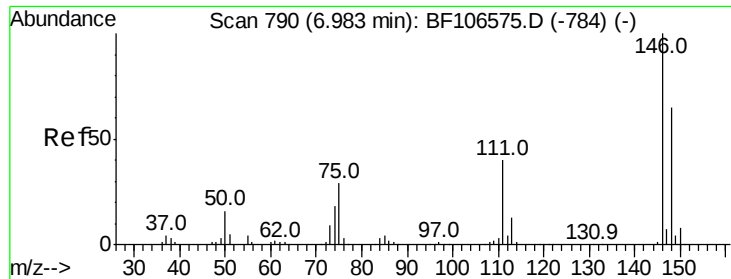
Tot Ion: 93 Resp: 181870
Ion Ratio Lower Upper
93 100
63 76.1 58.6 98.6
95 31.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 36.318 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

Tgt Ion: 146 Resp: 182156
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.8
75 26.1 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 36.269 ng

RT: 6.98 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF107036.D

Acq: 2 Jul 2018 11:28

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MSD

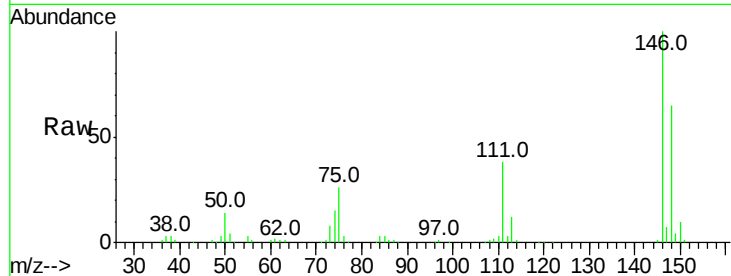
Tot Ion:146 Resp: 183910

Ion Ratio Lower Upper

146 100

148 64.7 50.8 76.2

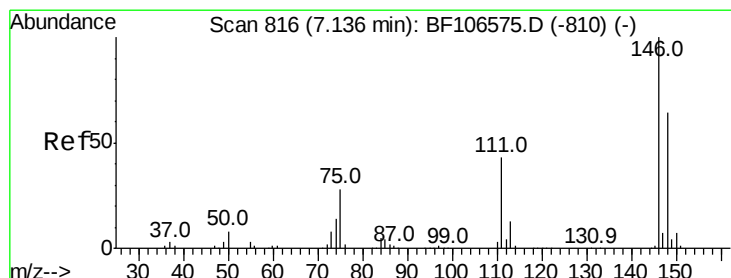
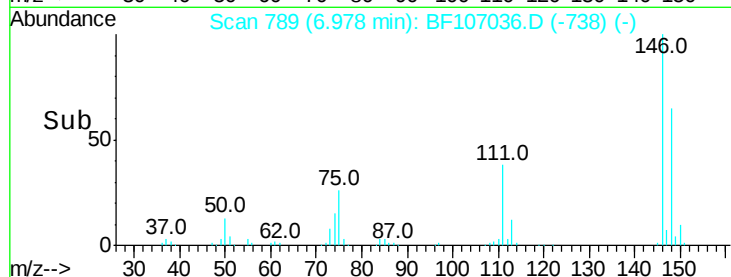
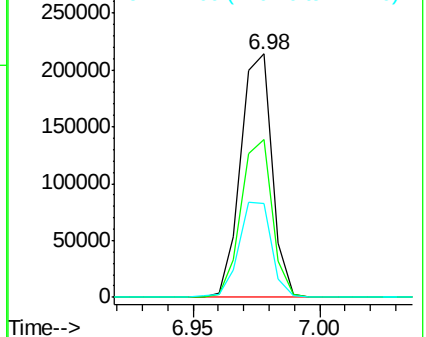
111 38.5 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.125 ng

RT: 7.13 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF107036.D

Acq: 2 Jul 2018 11:28

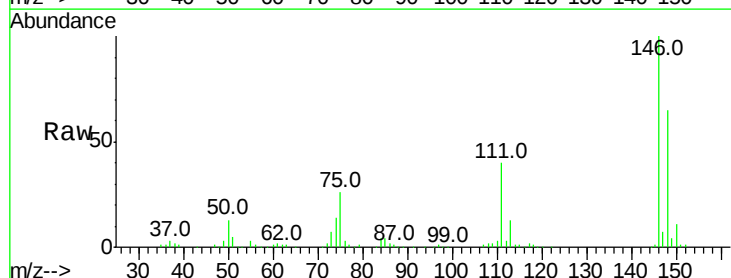
Tgt Ion:146 Resp: 172528

Ion Ratio Lower Upper

146 100

148 65.2 50.6 75.8

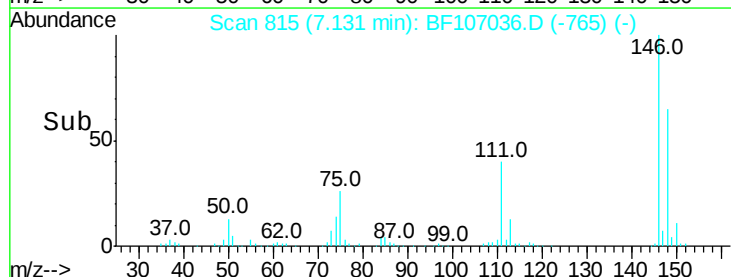
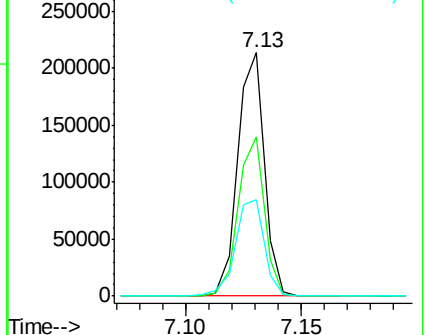
111 39.5 36.0 54.0

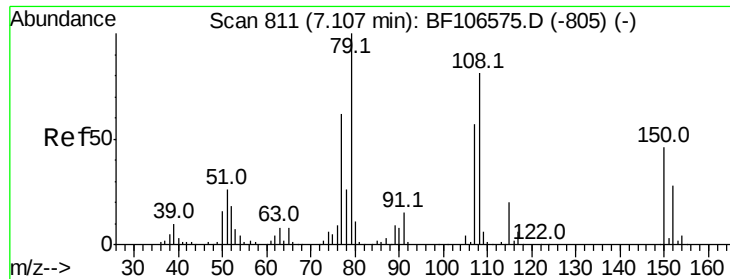


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

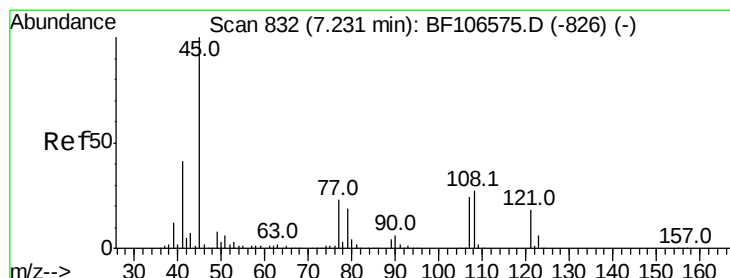
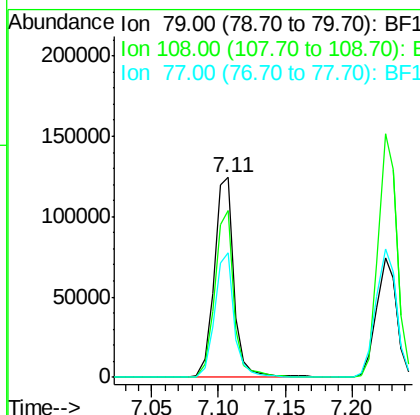
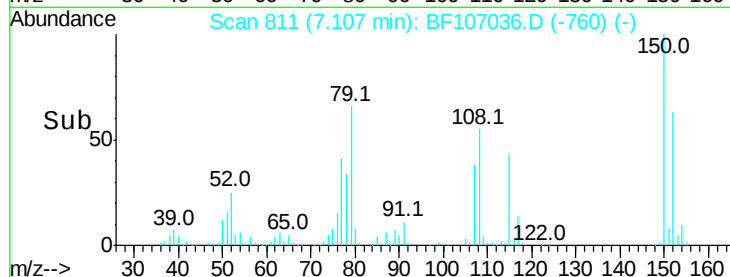
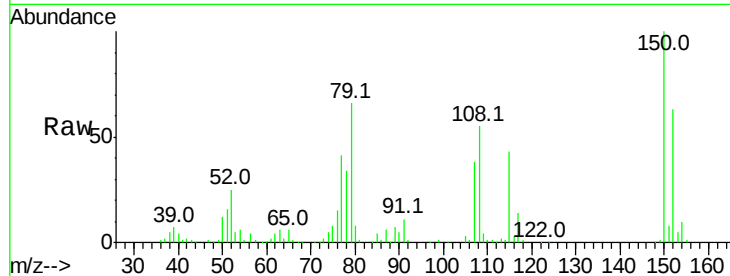




#15
Benzyl Alcohol
Concen: 33.322 ng
RT: 7.11 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

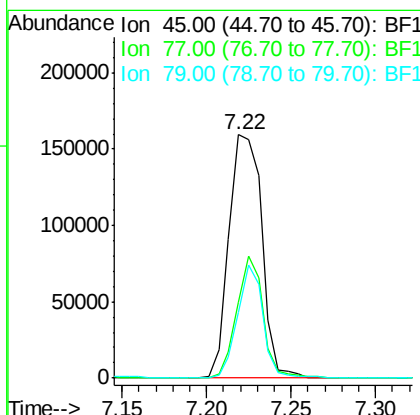
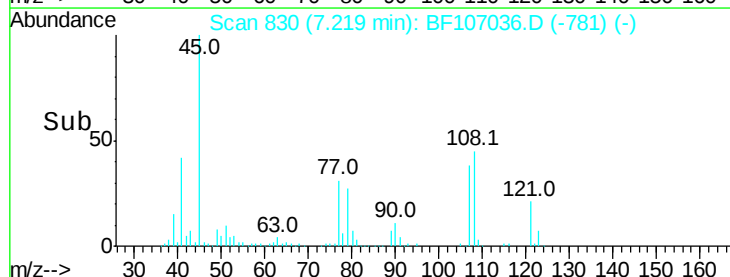
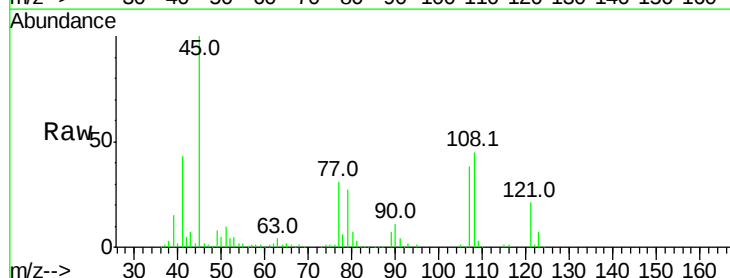
Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

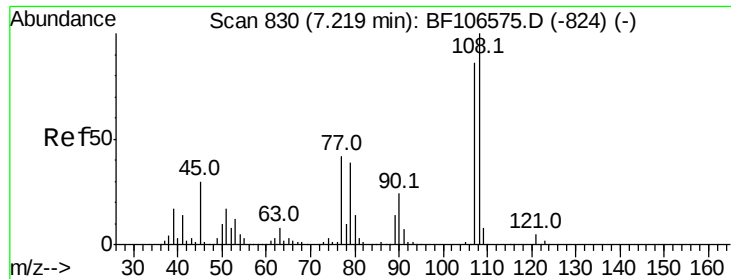
Tot Ion: 79 Resp: 130457
Ion Ratio Lower Upper
79 100
108 83.7 65.1 97.7
77 62.4 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.744 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

Tgt Ion: 45 Resp: 215434
Ion Ratio Lower Upper
45 100
77 31.4 0.0 32.9
79 27.1 0.0 29.6

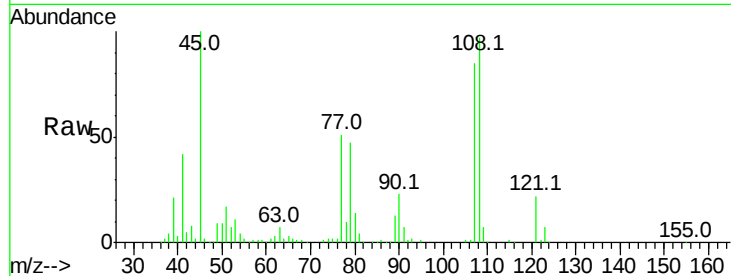




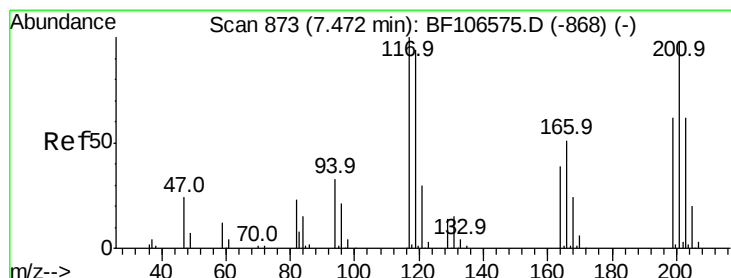
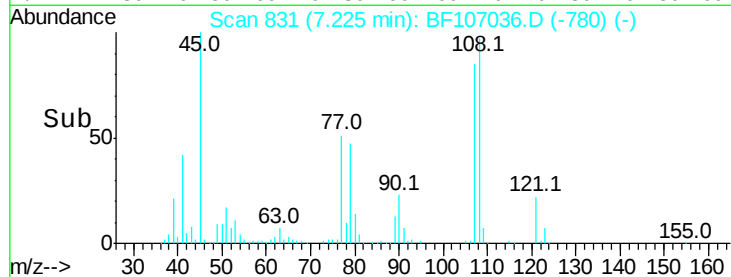
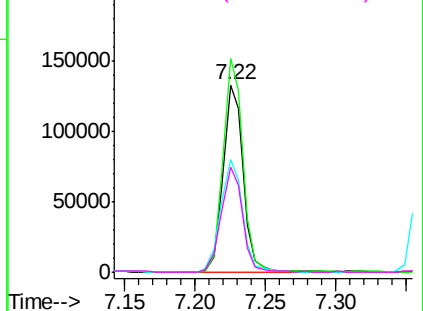
#17
2-Methylphenol
Concen: 36.042 ng
RT: 7.22 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

Tot Ion:107 Resp: 132085
Ion Ratio Lower Upper
107 100
108 114.0 91.7 137.5
77 59.9 33.8 50.8#
79 55.8 33.8 50.8#

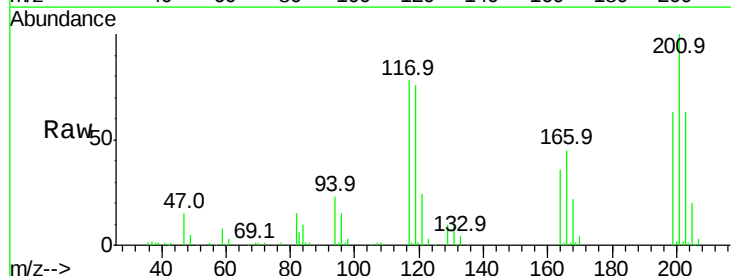


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

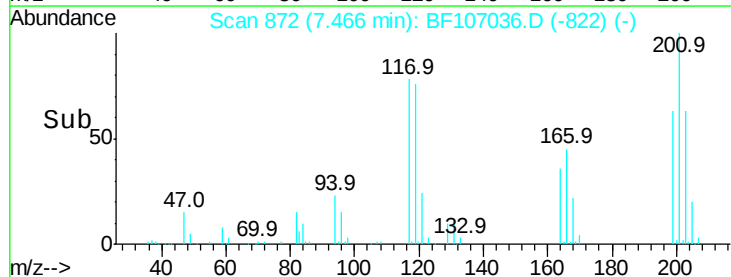
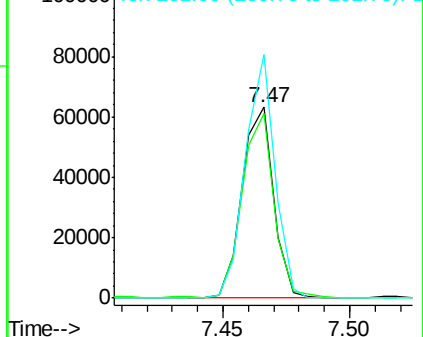


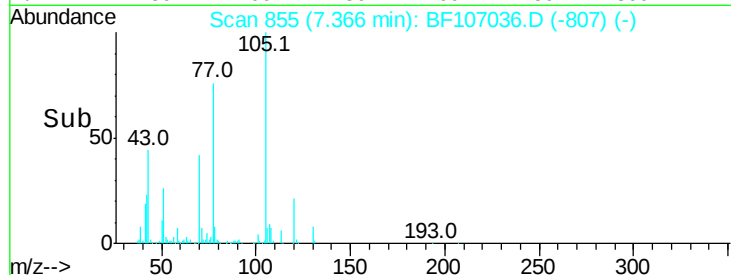
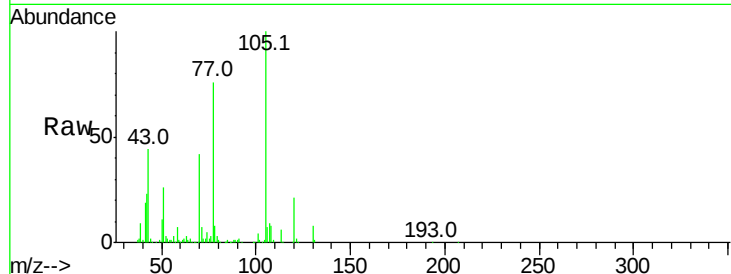
#18
Hexachloroethane
Concen: 30.654 ng
RT: 7.47 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

Tgt Ion:117 Resp: 54661
Ion Ratio Lower Upper
117 100
119 96.8 75.8 113.8
201 127.7 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

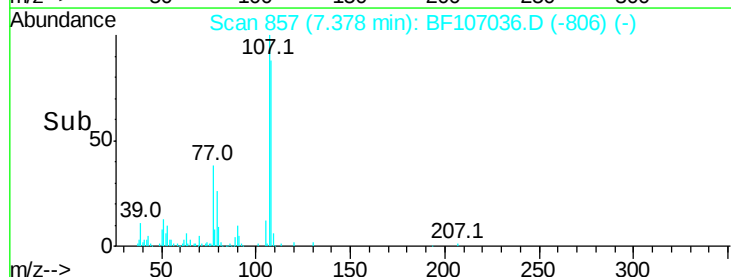
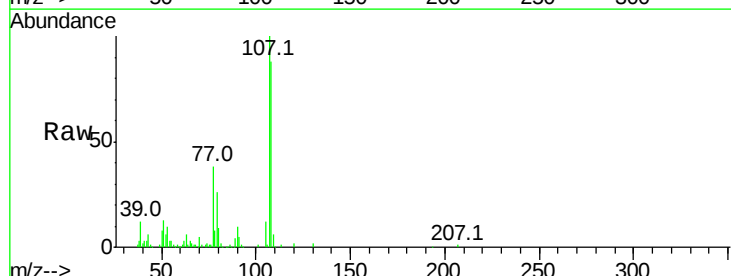
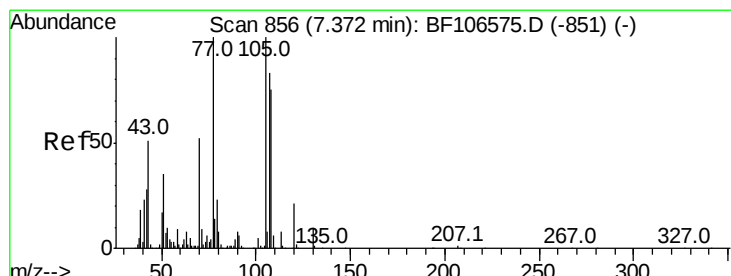
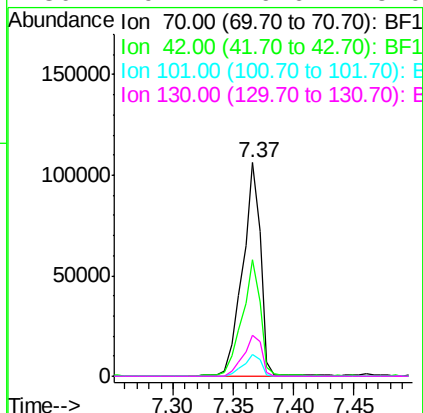




#19
n-Nitroso-di-n-propylamine
Concen: 34.571 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

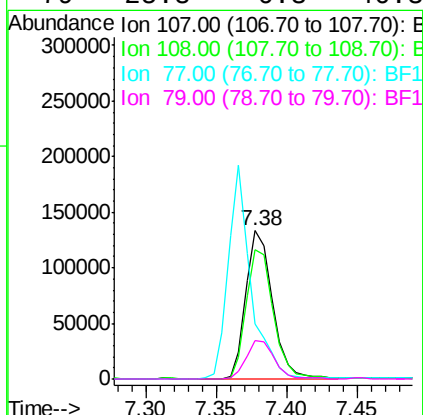
Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

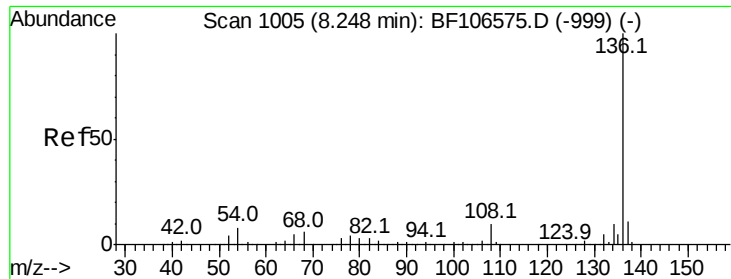
Tot Ion:	70	Resp:	111110
Ion	Ratio	Lower	Upper
70	100		
42	54.5	47.5	71.3
101	10.1	7.4	11.2
130	19.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 44.987 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

Tgt Ion:	107	Resp:	177988
Ion	Ratio	Lower	Upper
107	100		
108	87.5	68.2	108.2
77	37.5	26.7	66.7
79	25.8	6.3	46.3

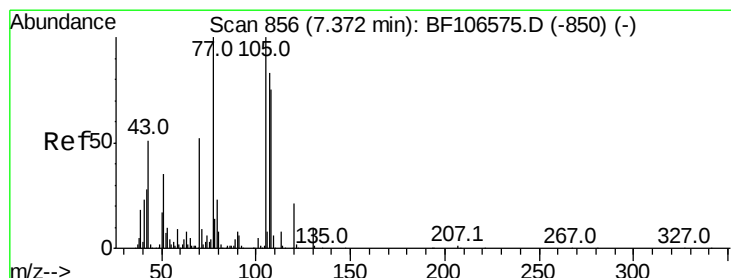
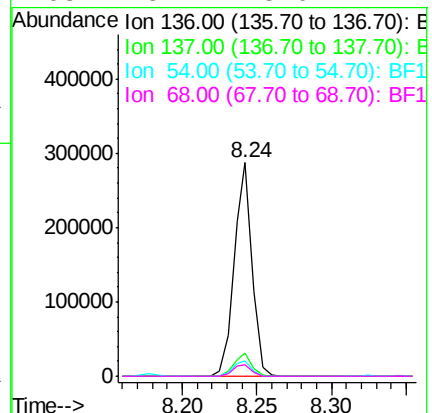
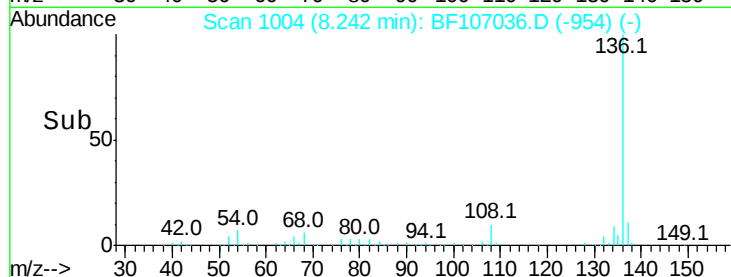
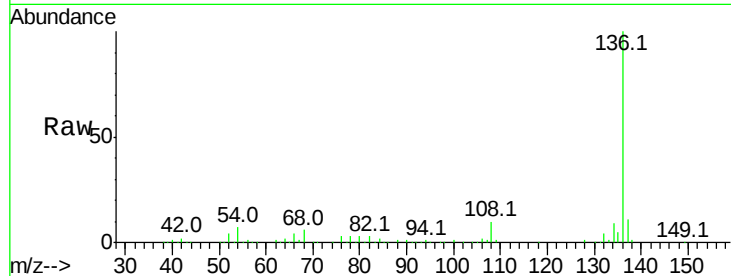




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

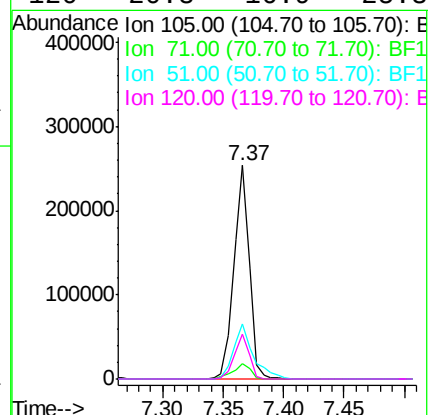
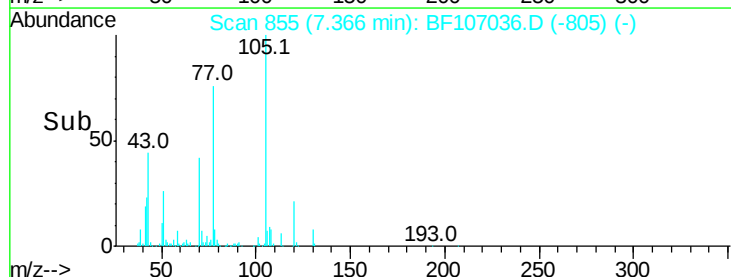
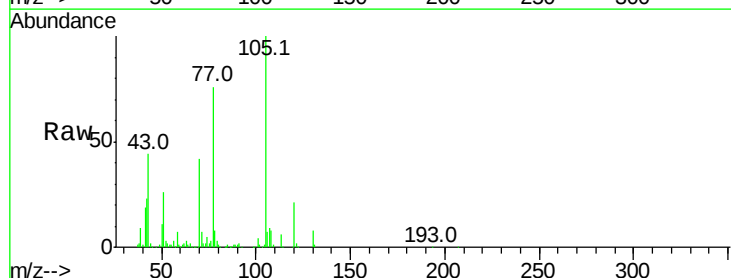
Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

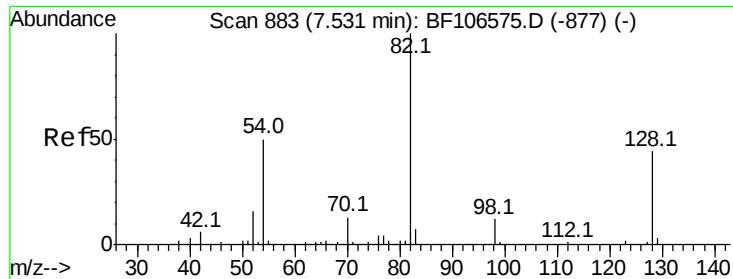
Tot Ion:136	Resp:	243308
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	7.4	6.6 9.8
68	5.7	5.0 7.4



#22
Acetophenone
Concen: 41.279 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

Tgt Ion:105	Resp:	224701
Ion Ratio	Lower	Upper
105	100	
71	7.2	4.4 6.6#
51	25.7	22.3 33.5
120	20.8	16.9 25.3

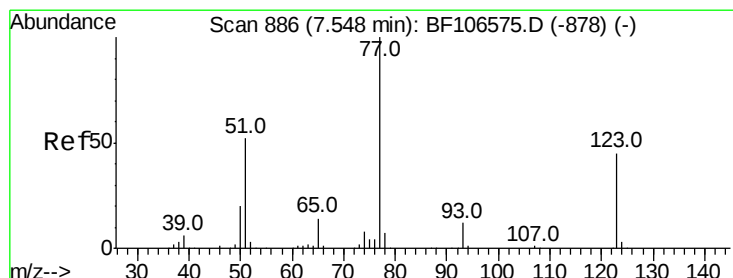
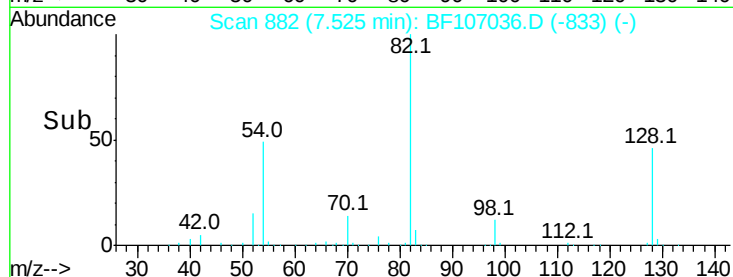
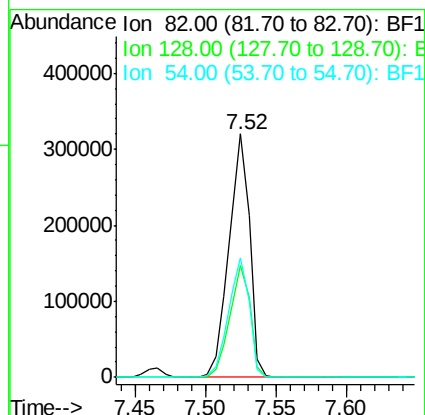
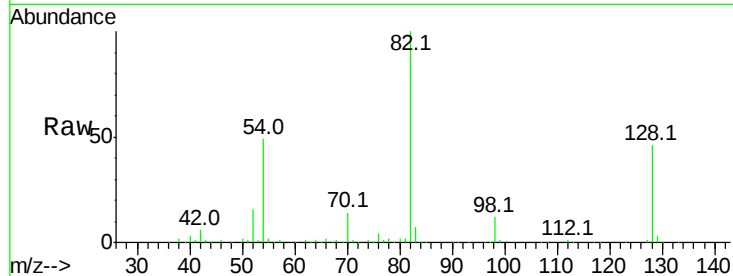




#23
Nitrobenzene-d5
Concen: 74.544 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

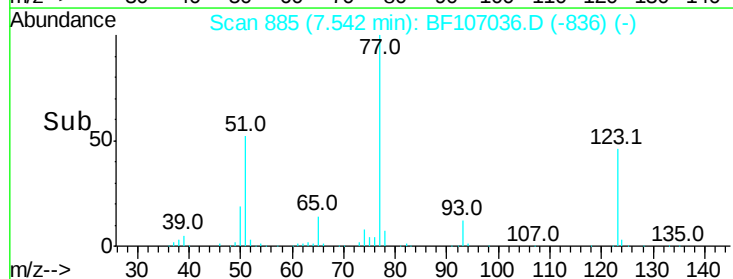
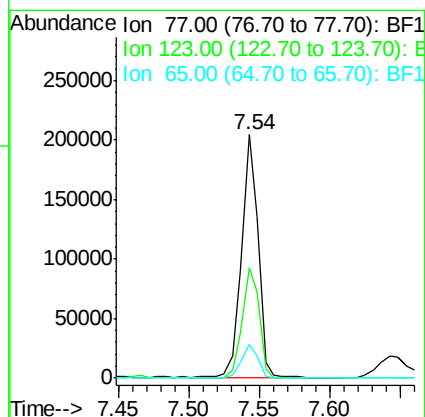
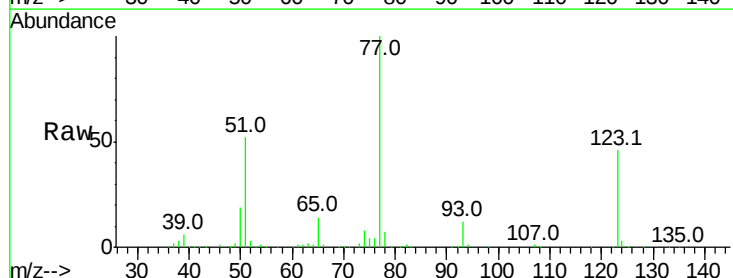
Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

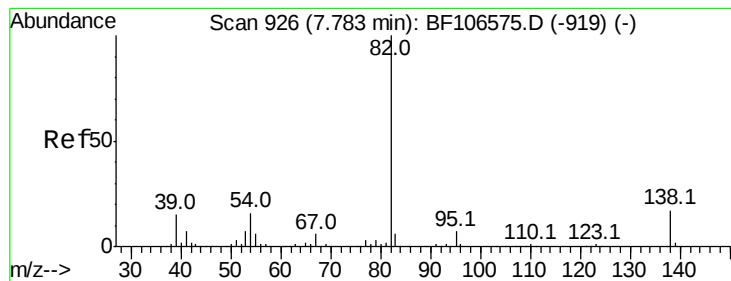
Tot Ion: 82 Resp: 326365
Ion Ratio Lower Upper
82 100
128 46.1 36.1 54.1
54 49.2 41.4 62.2



#24
Nitrobenzene
Concen: 37.335 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

Tgt Ion: 77 Resp: 166884
Ion Ratio Lower Upper
77 100
123 45.5 37.9 56.9
65 13.8 11.0 16.4





#25

Isophorone

Concen: 38.884 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF107036.D

Acq: 2 Jul 2018 11:28

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MSD

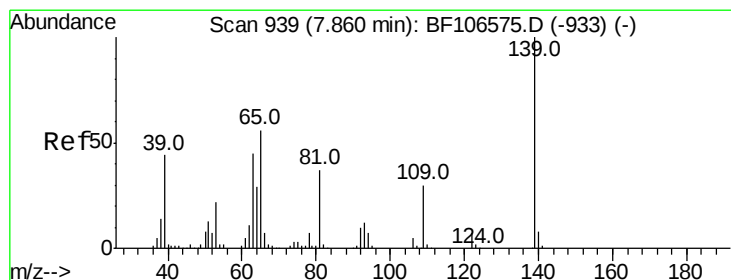
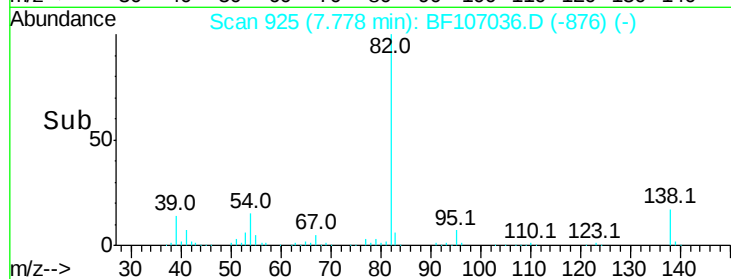
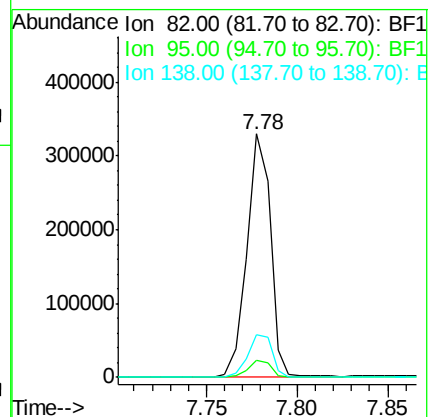
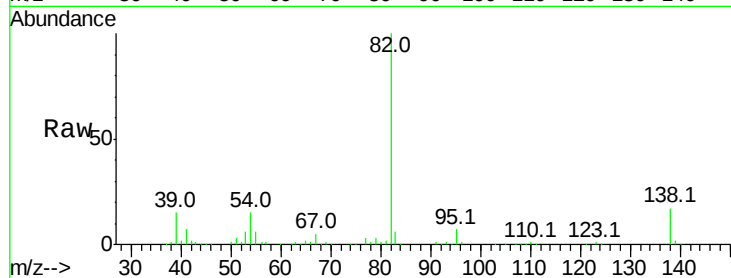
Tot Ion: 82 Resp: 299984

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 17.4 14.9 22.3



#26

2-Nitrophenol

Concen: 40.145 ng

RT: 7.86 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF107036.D

Acq: 2 Jul 2018 11:28

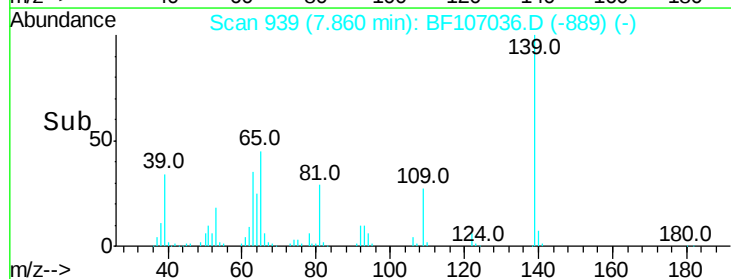
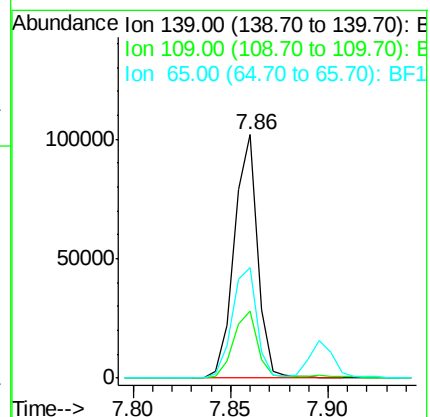
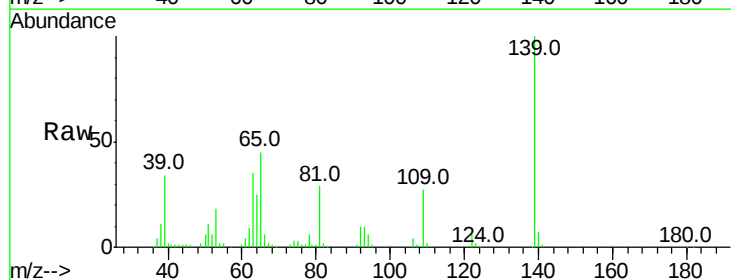
Tgt Ion: 139 Resp: 84710

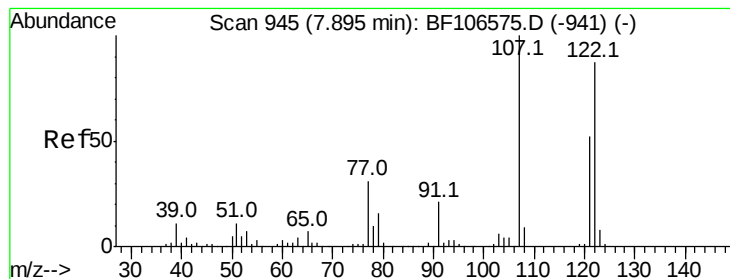
Ion Ratio Lower Upper

139 100

109 27.5 22.7 34.1

65 45.2 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 44.436 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF107036.D

Acq: 2 Jul 2018 11:28

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MSD

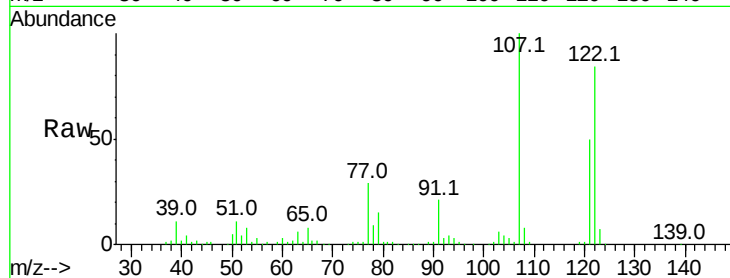
Tot Ion:122 Resp: 144928

Ion Ratio Lower Upper

122 100

107 118.4 91.2 136.8

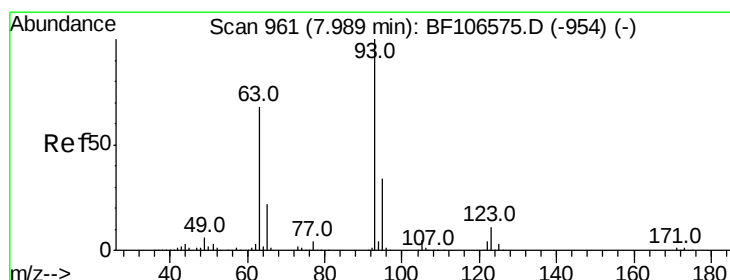
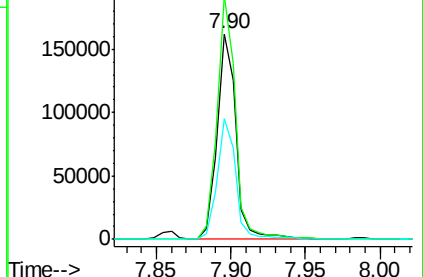
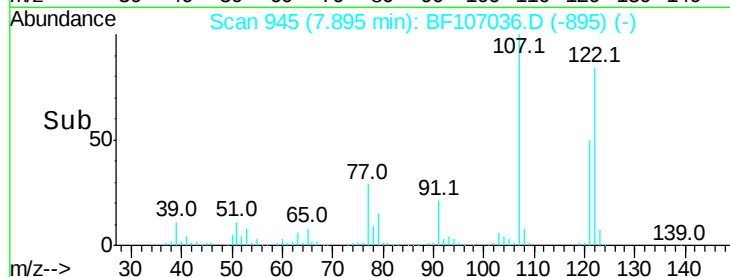
121 58.8 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.487 ng

RT: 7.98 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF107036.D

Acq: 2 Jul 2018 11:28

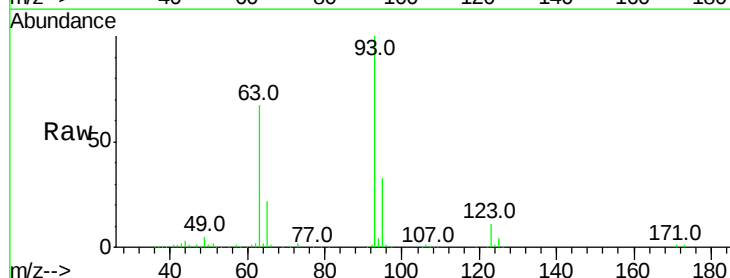
Tgt Ion: 93 Resp: 194181

Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

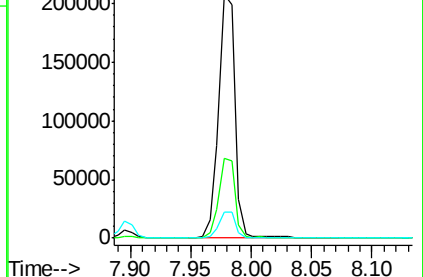
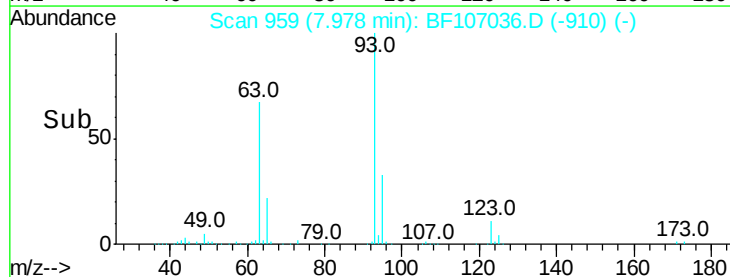
123 10.8 9.8 14.6

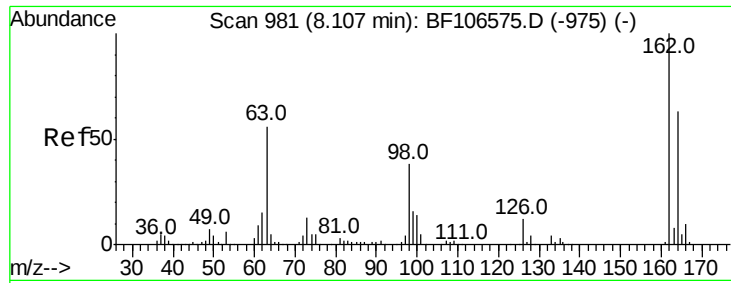


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

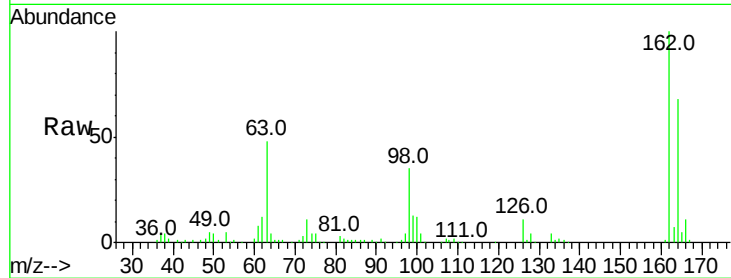




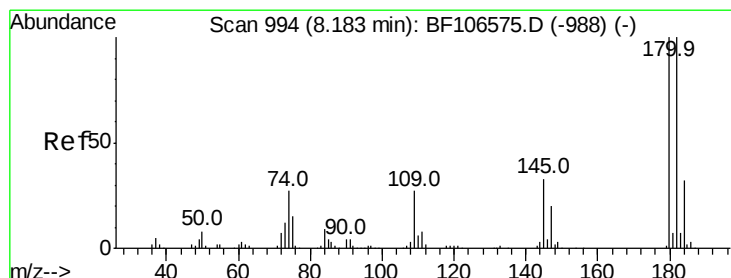
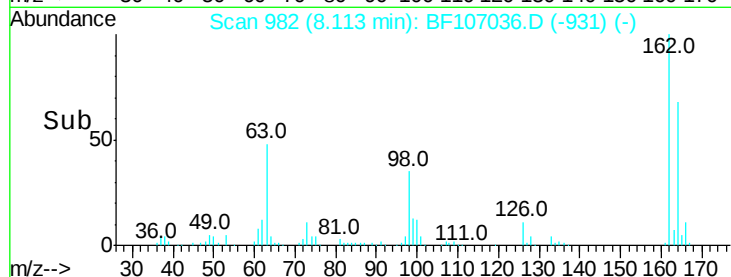
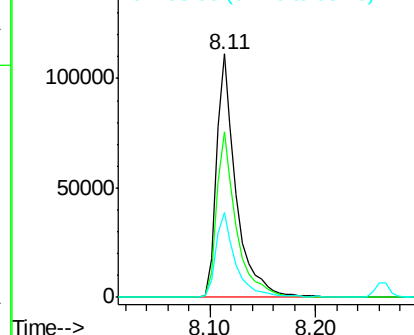
#29
 2,4-Dichlorophenol
 Concen: 42.311 ng
 RT: 8.11 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF107036.D
 Acq: 2 Jul 2018 11:28

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.9	42.7	82.7
98	35.0	18.1	58.1

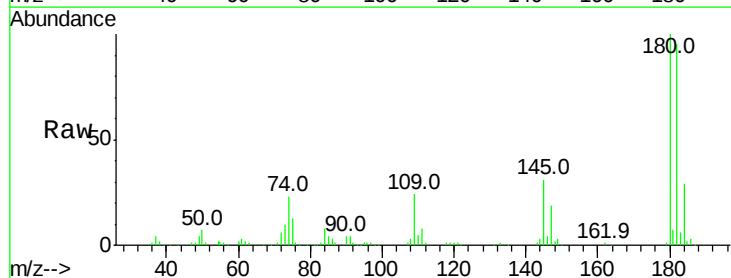


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

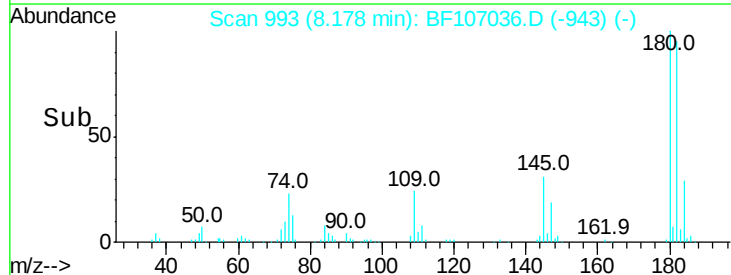
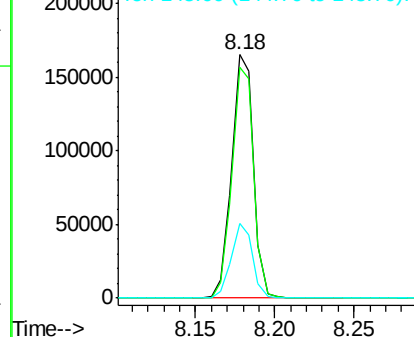


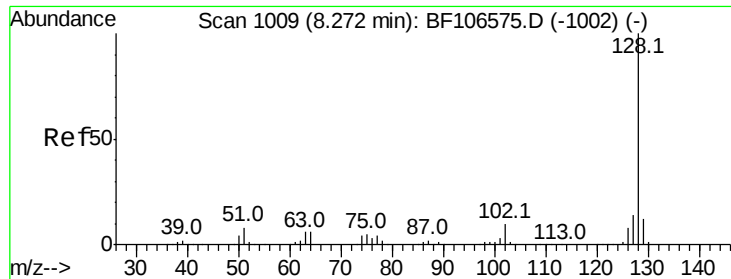
#30
 1,2,4-Trichlorobenzene
 Concen: 41.817 ng
 RT: 8.18 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF107036.D
 Acq: 2 Jul 2018 11:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.8	115.2
145	30.8	26.5	39.7



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

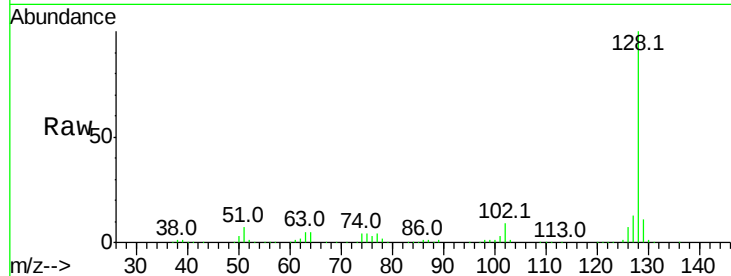




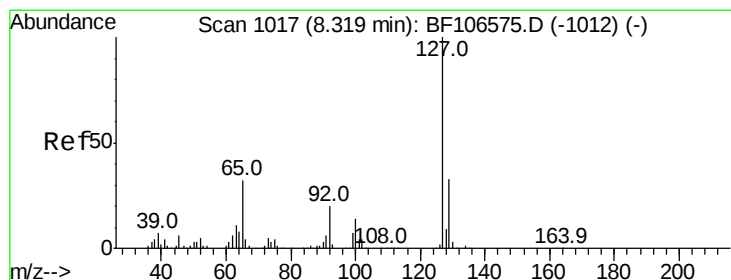
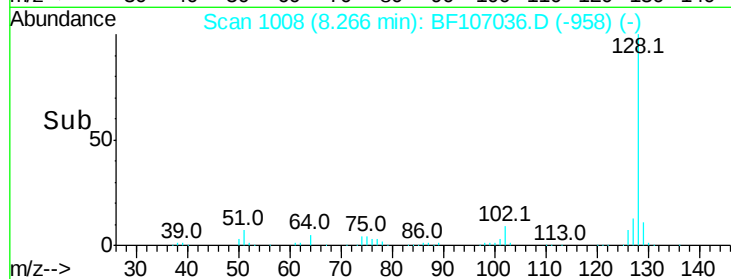
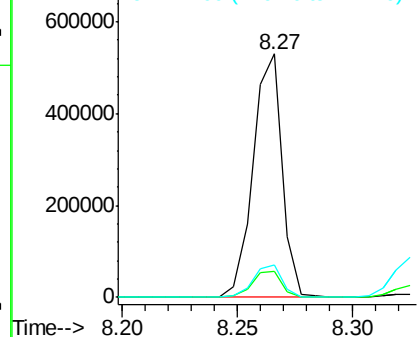
#31
Naphthalene
Concen: 41.058 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

Tot Ion:128 Resp: 467053
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.3 10.9 16.3

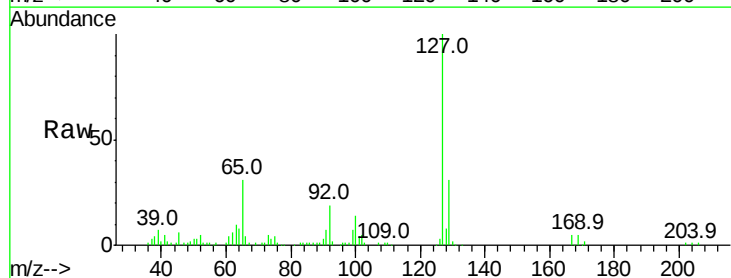


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

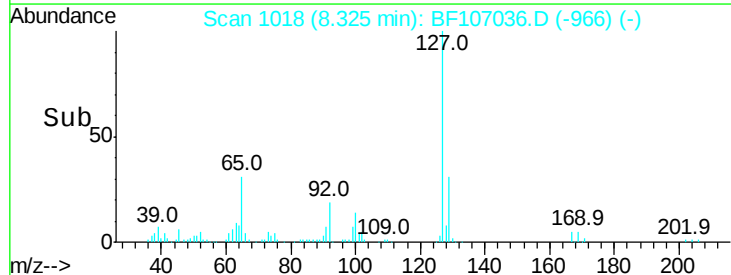
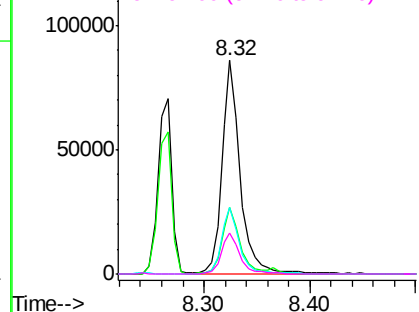


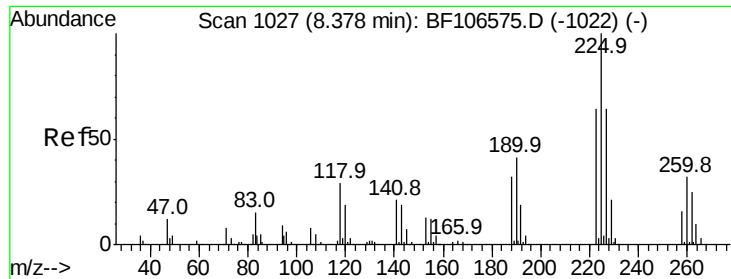
#33
4-Chloroaniline
Concen: 21.857 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

Tgt Ion:127 Resp: 104323
Ion Ratio Lower Upper
127 100
129 31.2 25.9 38.9
65 31.1 25.0 37.4
92 19.2 15.2 22.8



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

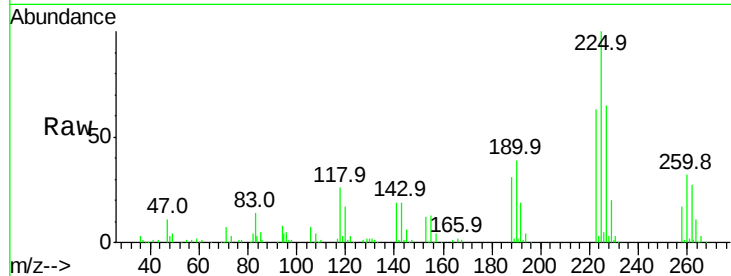




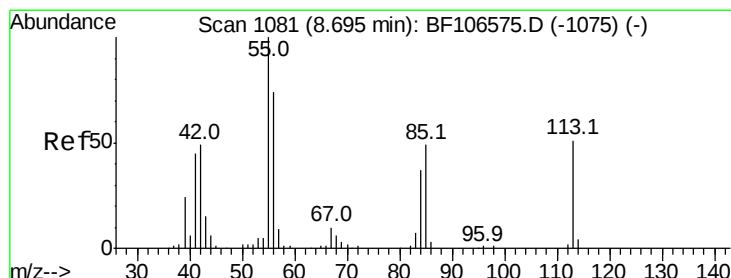
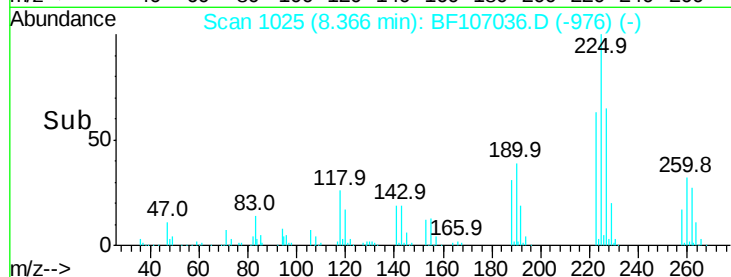
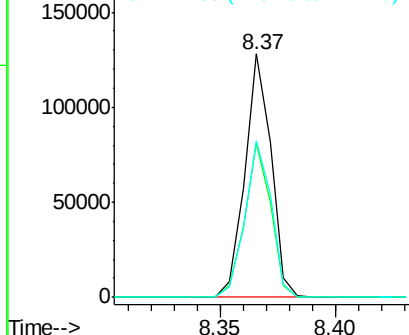
#34
Hexachlorobutadiene
Concen: 41.367 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

Tot Ion:225 Resp: 101391
Ion Ratio Lower Upper
225 100
223 63.1 50.6 76.0
227 64.5 51.9 77.9

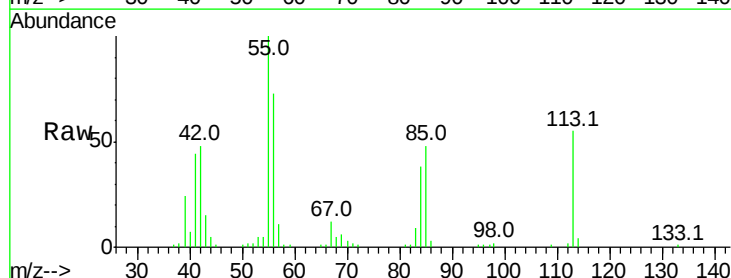


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

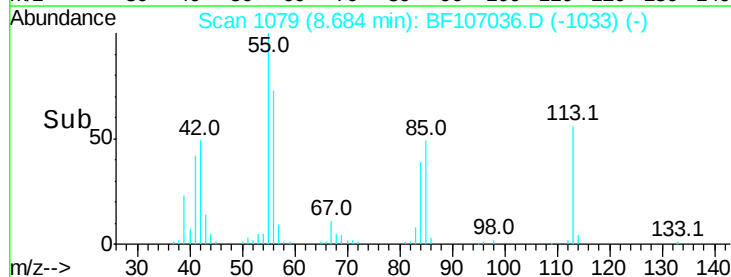
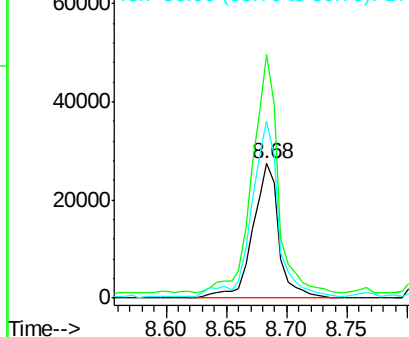


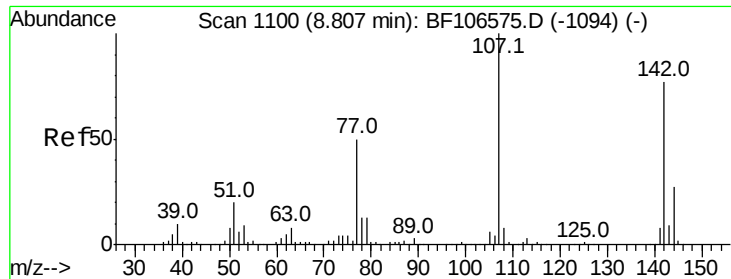
#35
Caprolactam
Concen: 37.106 ng
RT: 8.68 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

Tgt Ion:113 Resp: 41300
Ion Ratio Lower Upper
113 100
55 181.2 163.3 203.3
56 131.6 115.7 155.7



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

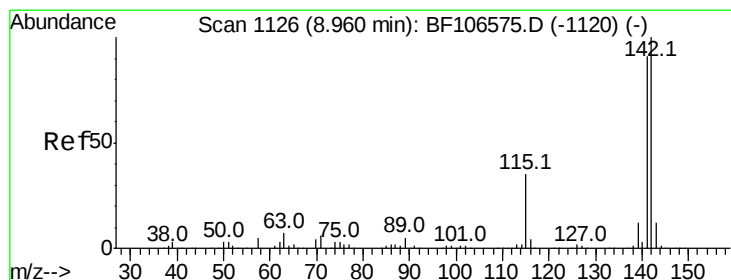
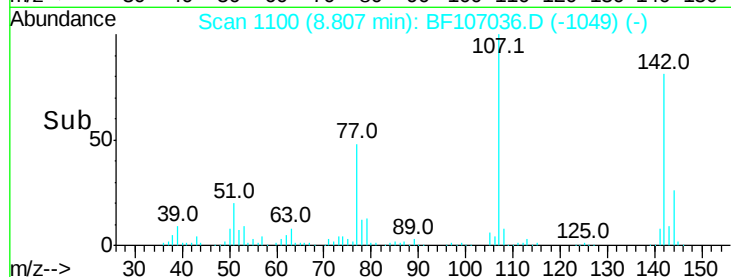
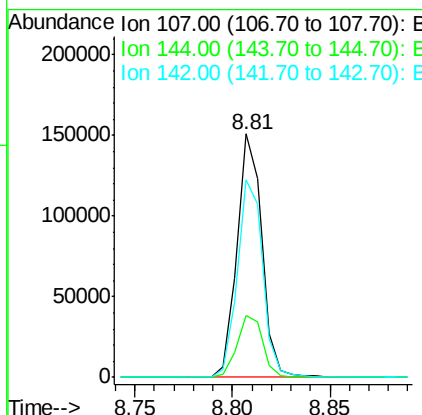
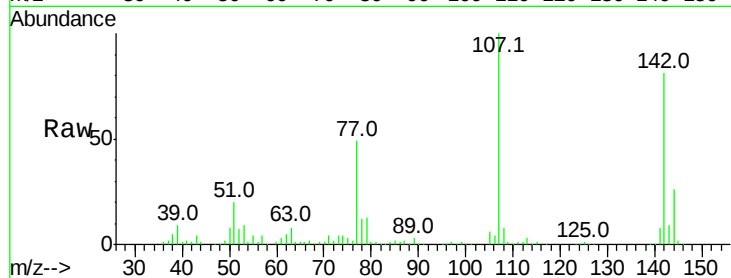




#36
 4-Chloro-3-methylphenol
 Concen: 37.231 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF107036.D
 Acq: 2 Jul 2018 11:28

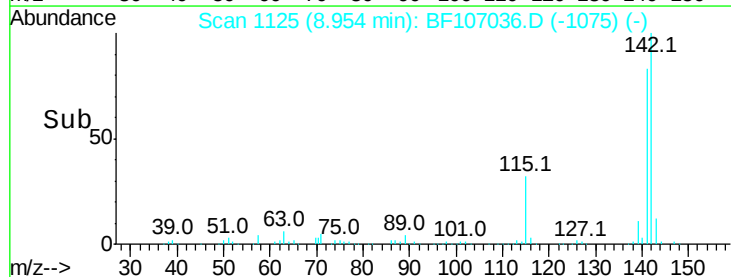
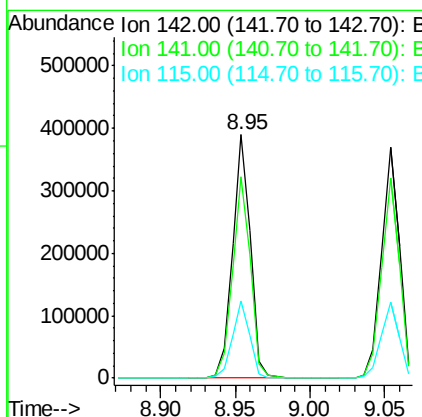
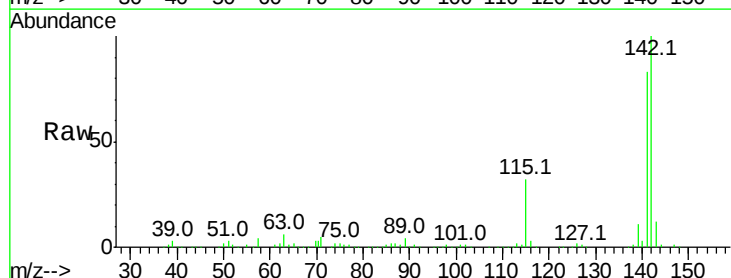
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MSD

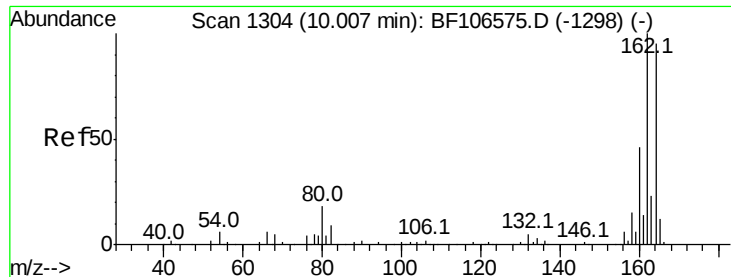
Tot Ion:107 Resp: 133809
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.5 30.7
 142 81.2 62.0 93.0



#37
 2-Methylnaphthalene
 Concen: 43.662 ng
 RT: 8.95 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF107036.D
 Acq: 2 Jul 2018 11:28

Tgt Ion:142 Resp: 329207
 Ion Ratio Lower Upper
 142 100
 141 82.7 70.8 106.2
 115 31.5 26.1 39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF107036.D

Acq: 2 Jul 2018 11:28

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MSD

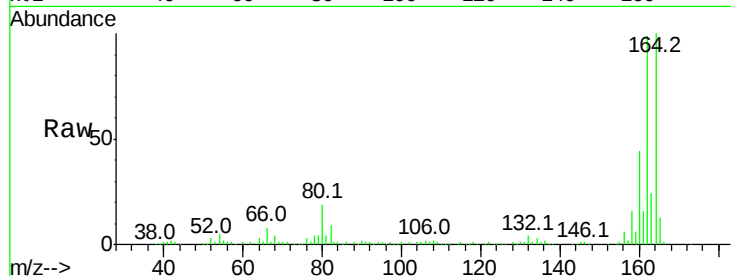
Tot Ion:164 Resp: 108595

Ion Ratio Lower Upper

164 100

162 99.2 86.1 129.1

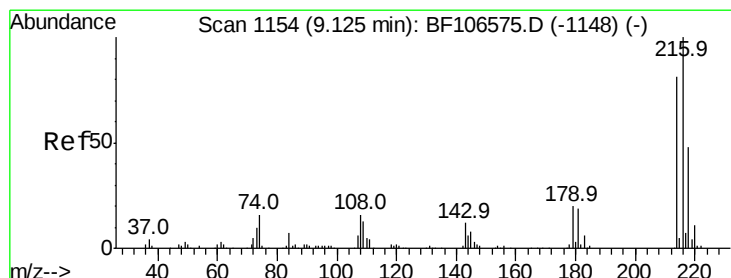
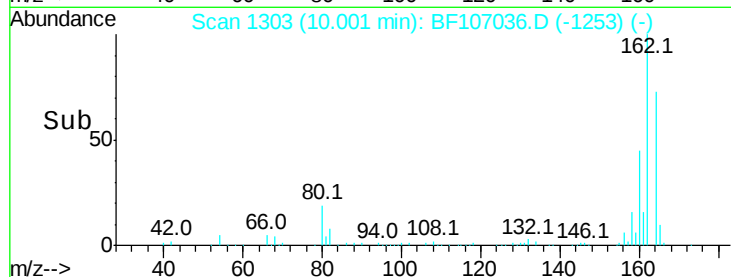
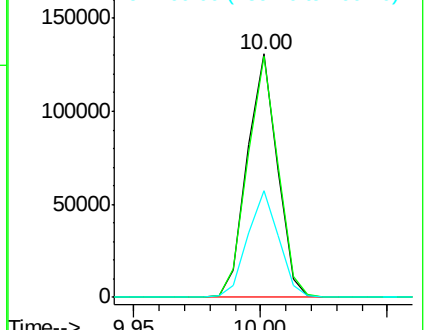
160 43.8 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.076 ng

RT: 9.12 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF107036.D

Acq: 2 Jul 2018 11:28

Tgt Ion:216 Resp: 168505

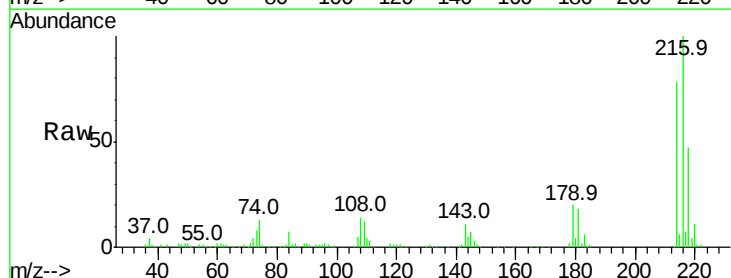
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.4

179 19.7 18.1 27.1

108 13.7 17.2 25.8#

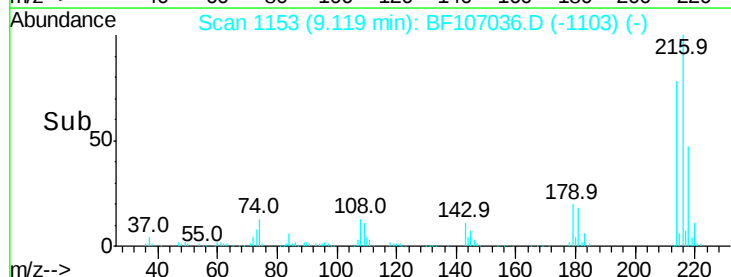
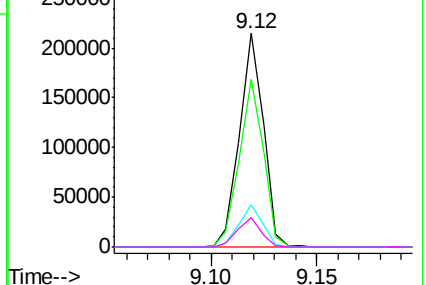


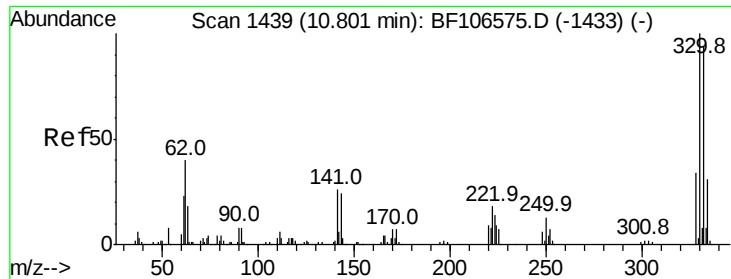
Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

2,4,6-Tribromophenol

Concen: 116.115 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF107036.D

Acq: 2 Jul 2018 11:28

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MSD

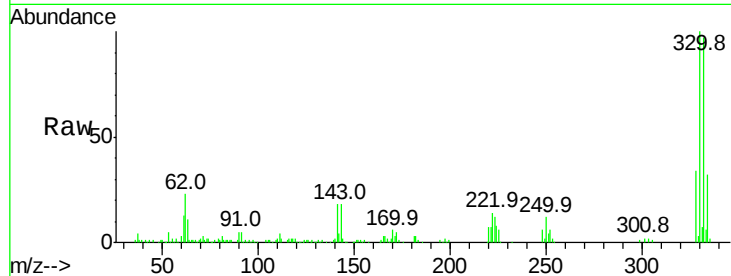
Tot Ion:330 Resp: 146148

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

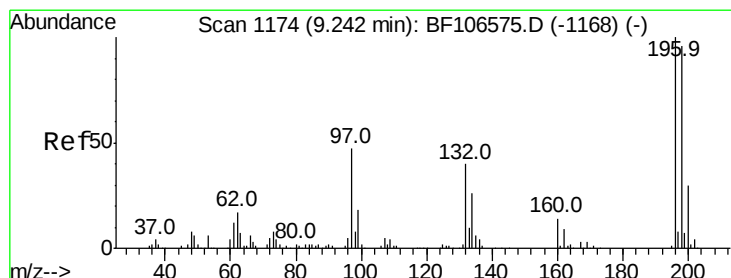
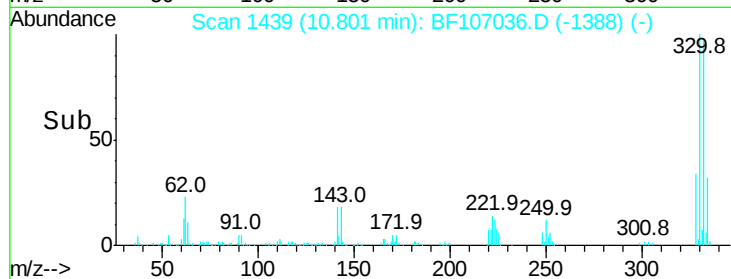
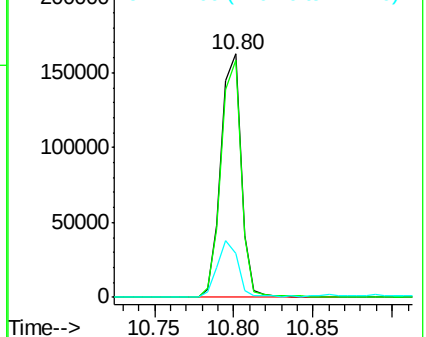
141 23.7 29.9 44.9#



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: 40.845 ng

RT: 9.24 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF107036.D

Acq: 2 Jul 2018 11:28

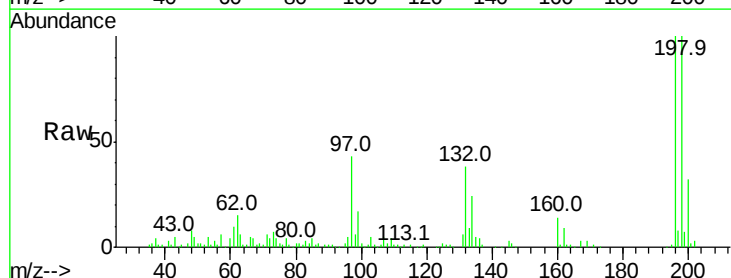
Tgt Ion:196 Resp: 99293

Ion Ratio Lower Upper

196 100

198 100.3 75.7 113.5

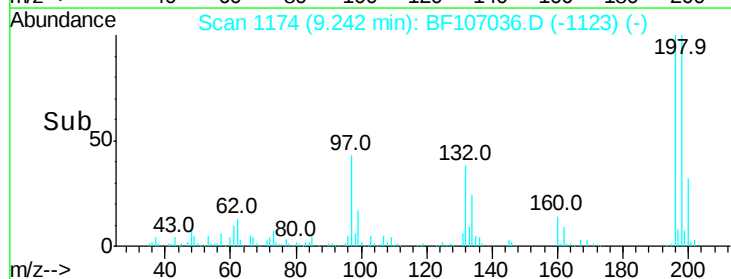
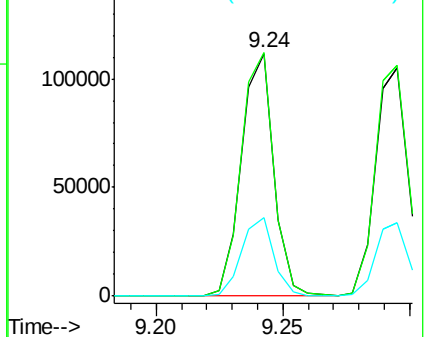
200 32.3 24.5 36.7

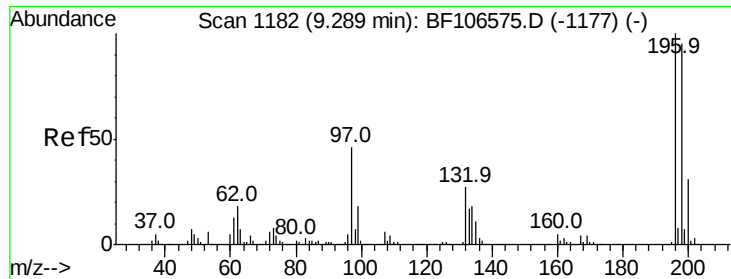


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

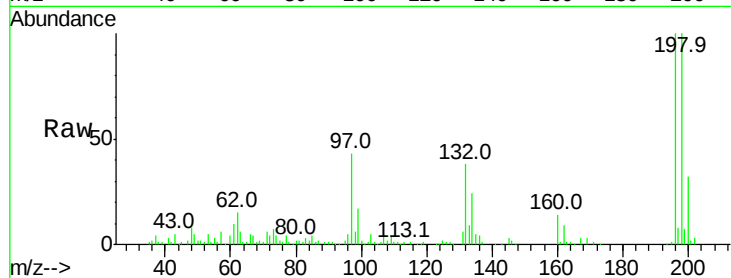




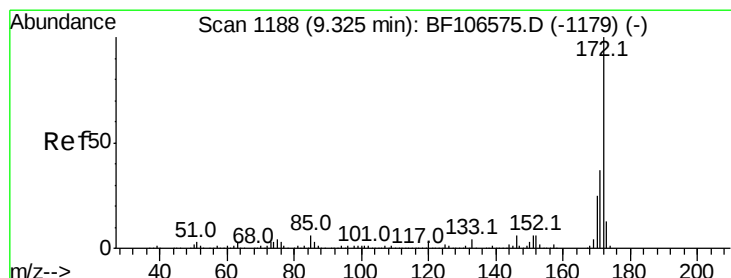
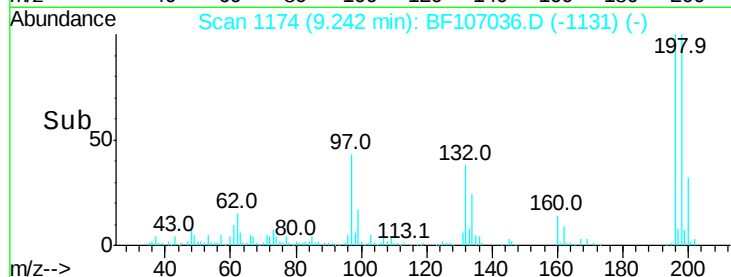
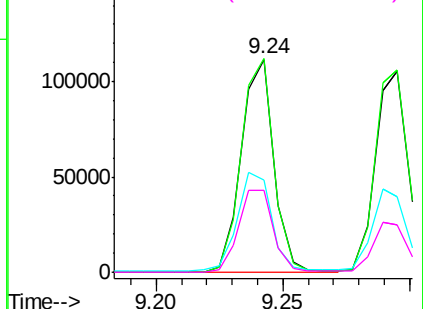
#43
 2,4,5-Trichlorophenol
 Concen: 39.144 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.05 min
 Lab File: BF107036.D
 Acq: 2 Jul 2018 11:28

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MSD

Tot Ion:	196	Resp:	99293
Ion	Ratio	Lower	Upper
196	100		
198	100.3	74.6	112.0
97	43.6	42.9	64.3
132	38.2	26.3	39.5



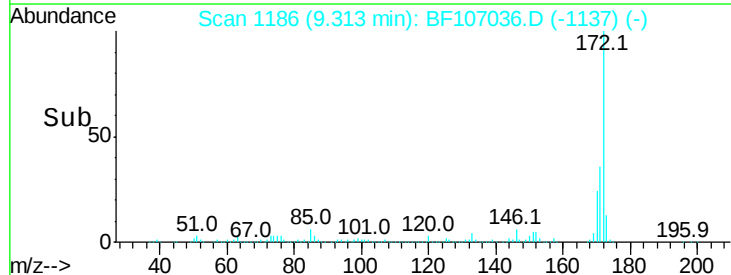
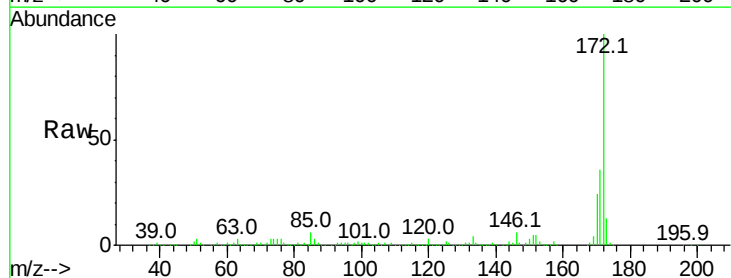
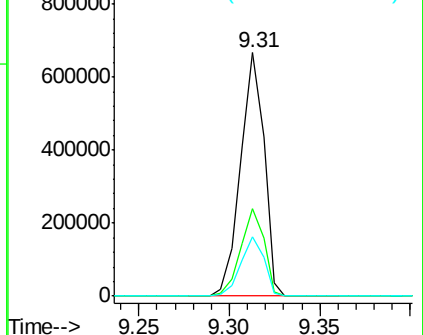
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

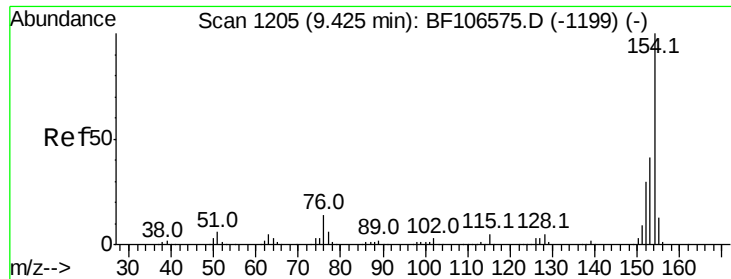


#44
 2-Fluorobiphenyl
 Concen: 95.892 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107036.D
 Acq: 2 Jul 2018 11:28

Tgt Ion:	172	Resp:	603093
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.2	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: 44.105 ng

RT: 9.42 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF107036.D

Acq: 2 Jul 2018 11:28

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MSD

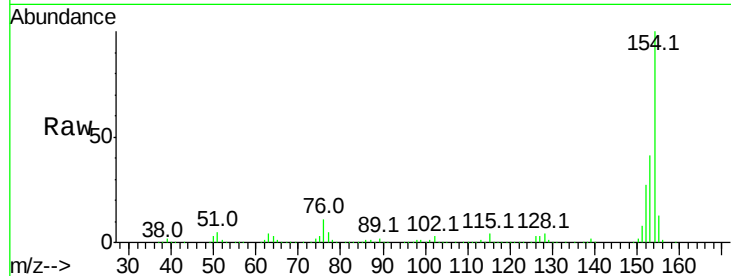
Tot Ion:154 Resp: 381702

Ion Ratio Lower Upper

154 100

153 41.0 21.3 61.3

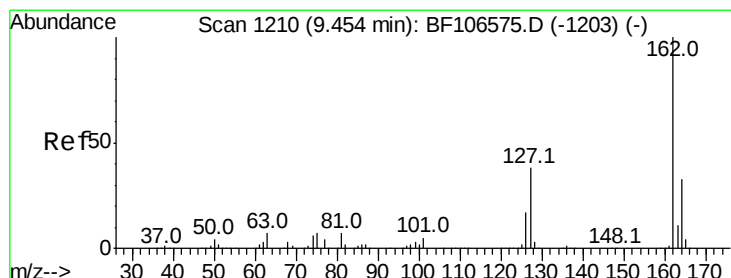
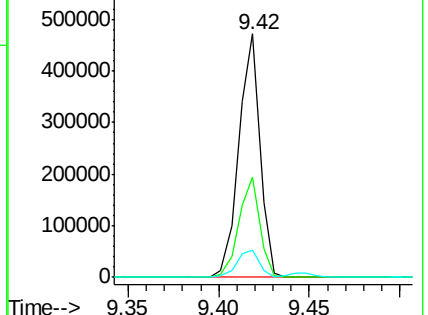
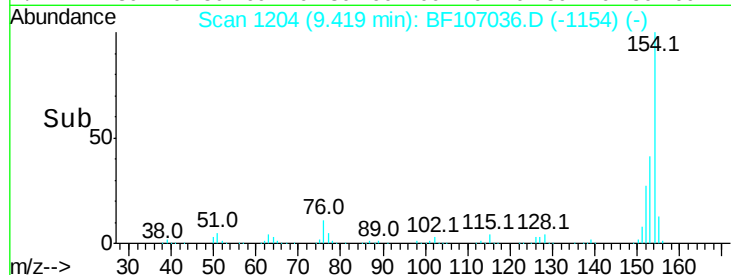
76 11.0 0.0 34.0



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: 39.705 ng

RT: 9.45 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF107036.D

Acq: 2 Jul 2018 11:28

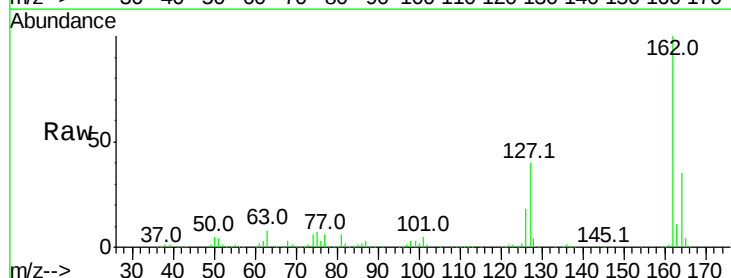
Tgt Ion:162 Resp: 270481

Ion Ratio Lower Upper

162 100

127 39.6 33.9 50.9

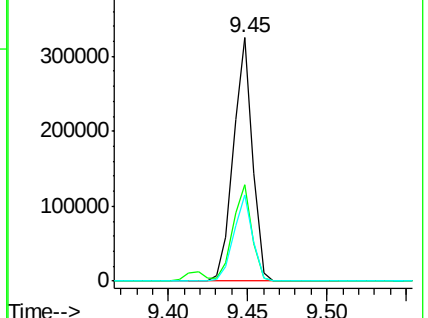
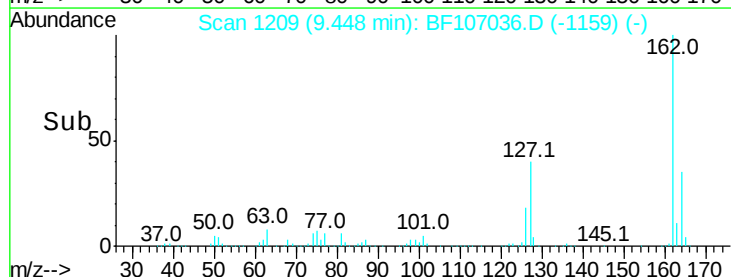
164 35.4 26.5 39.7

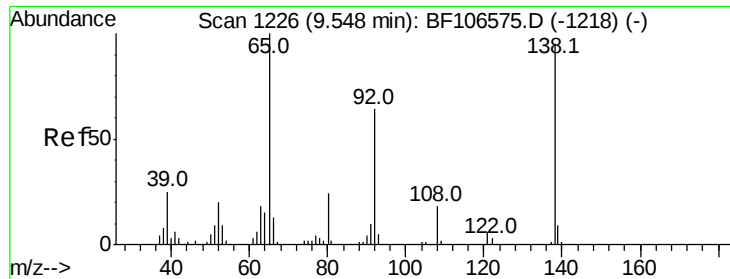


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

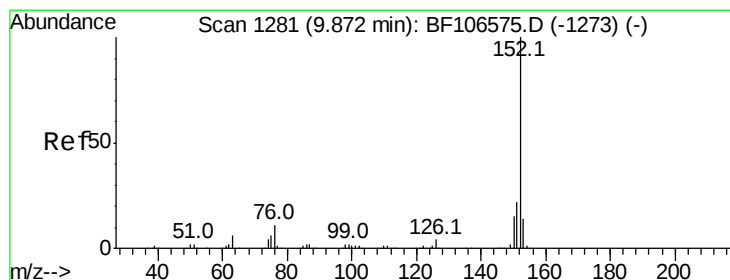
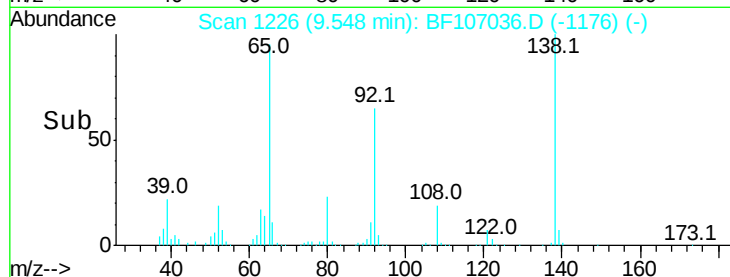
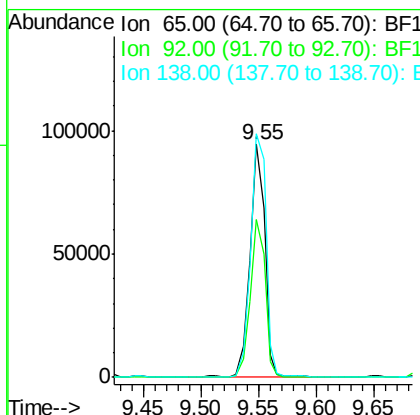
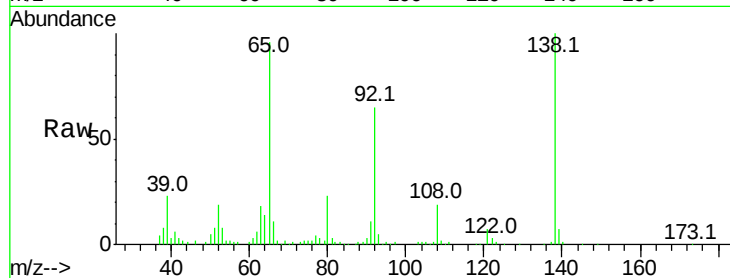




#47
2-Nitroaniline
Concen: 37.097 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

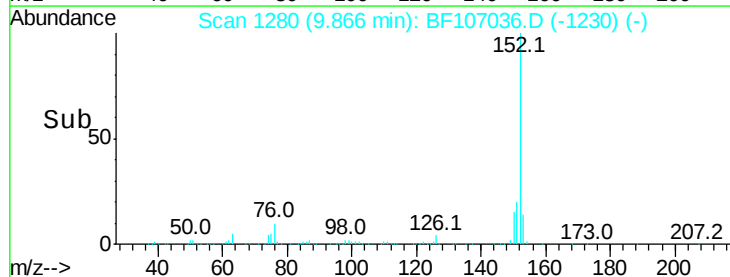
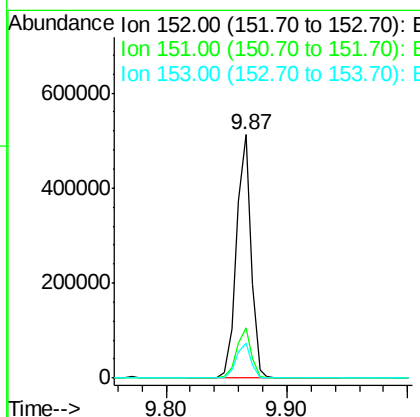
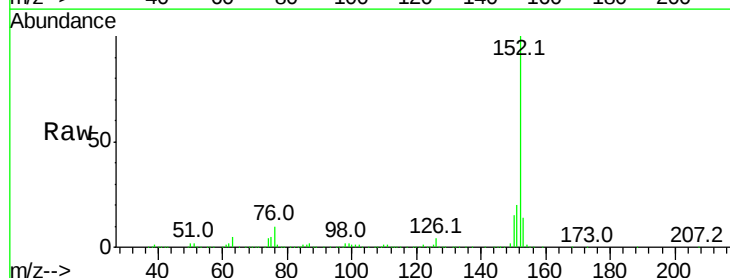
Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

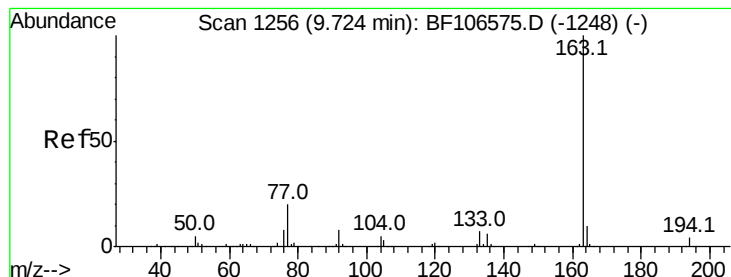
Tot Ion: 65 Resp: 84982
Ion Ratio Lower Upper
65 100
92 67.8 55.8 83.6
138 104.5 91.2 136.8



#48
Acenaphthylene
Concen: 40.290 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

Tgt Ion: 152 Resp: 433329
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 14.4 10.7 16.1





#49

Dimethylphthalate

Concen: 53.422 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF107036.D

Acq: 2 Jul 2018 11:28

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MSD

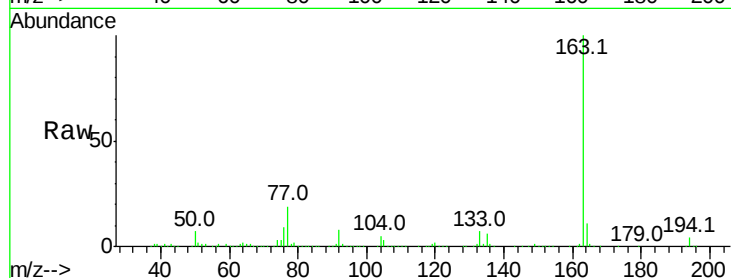
Tot Ion:163 Resp: 435112

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

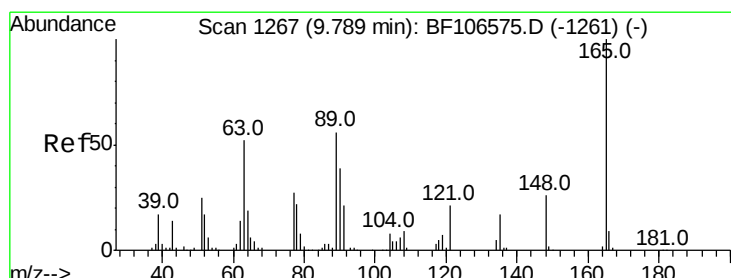
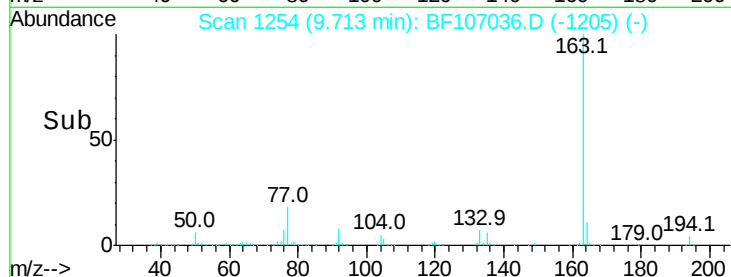
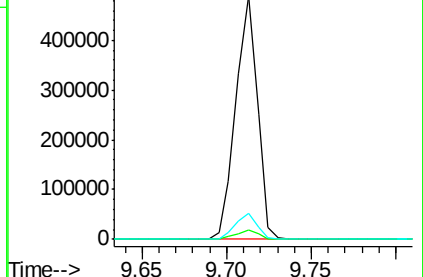
164 10.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.289 ng

RT: 9.79 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF107036.D

Acq: 2 Jul 2018 11:28

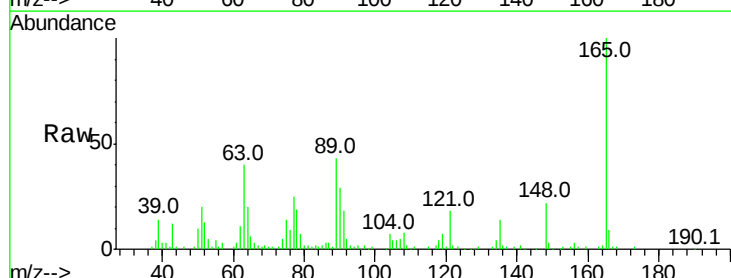
Tgt Ion:165 Resp: 71210

Ion Ratio Lower Upper

165 100

63 40.5 44.7 67.1#

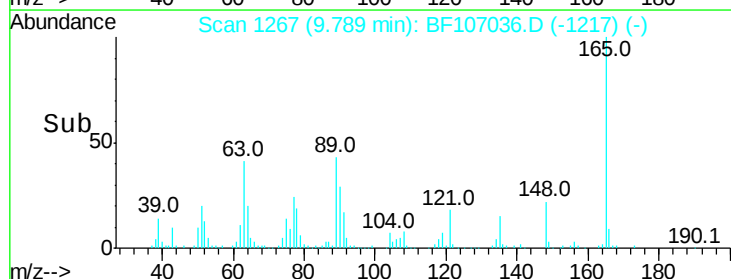
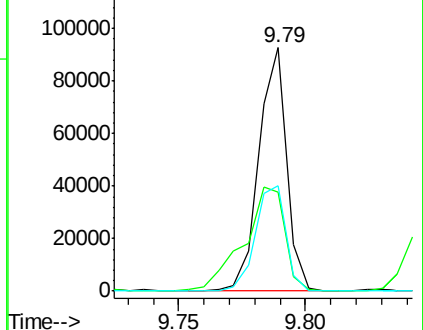
89 43.3 44.0 66.0#

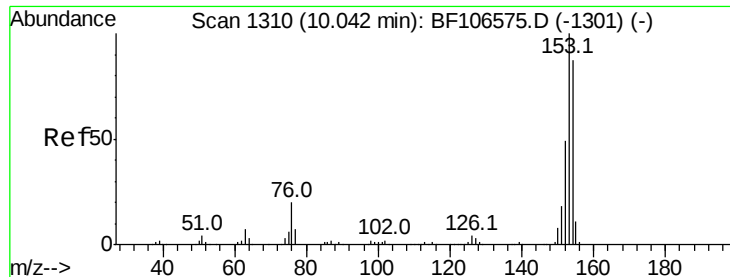


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 38.802 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF107036.D

Acq: 2 Jul 2018 11:28

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MSD

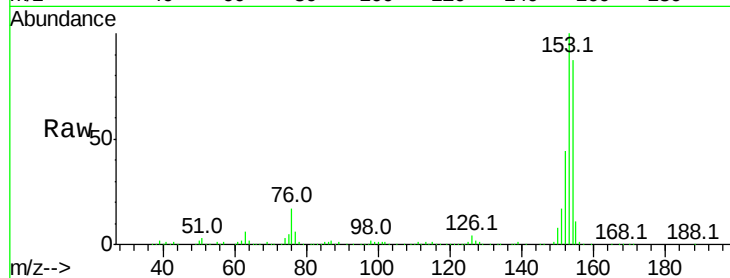
Tot Ion:154 Resp: 262794

Ion Ratio Lower Upper

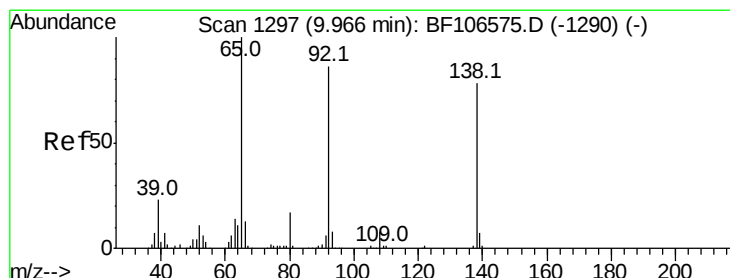
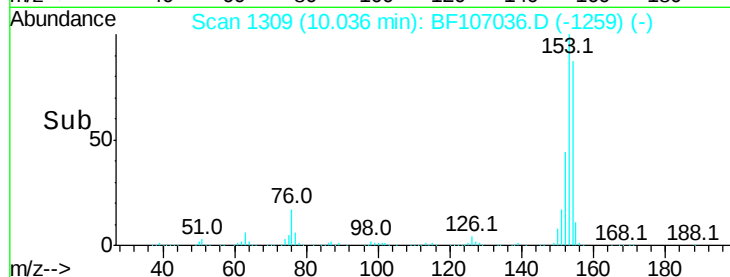
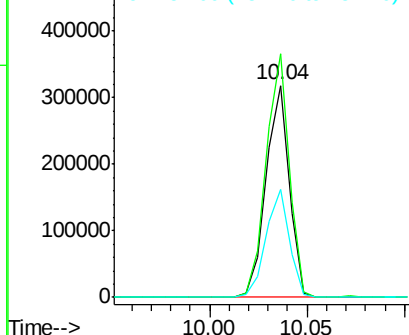
154 100

153 114.9 91.2 136.8

152 50.7 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.319 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF107036.D

Acq: 2 Jul 2018 11:28

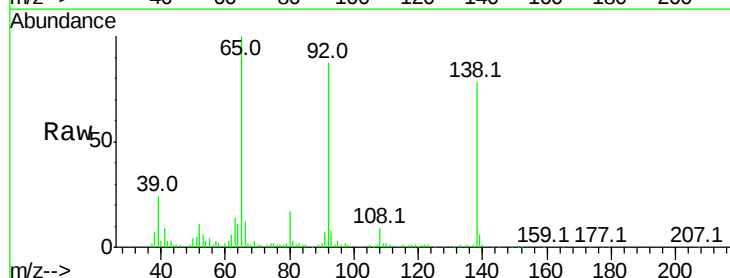
Tgt Ion:138 Resp: 56204

Ion Ratio Lower Upper

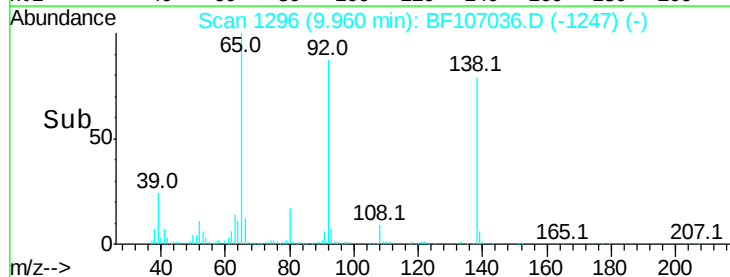
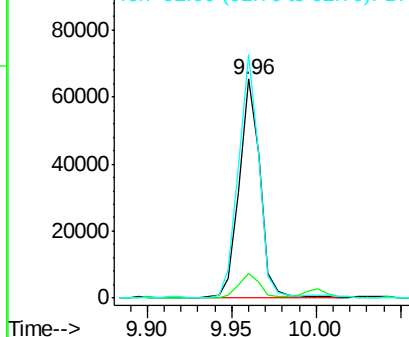
138 100

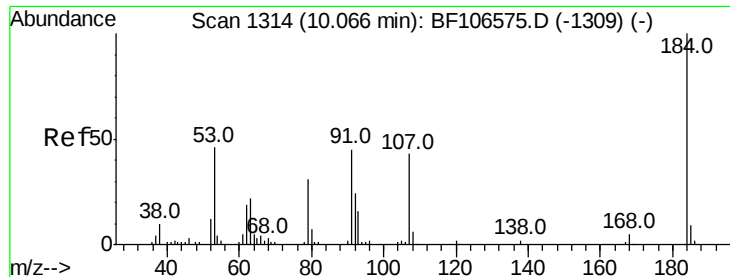
108 11.5 9.4 14.0

92 111.1 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

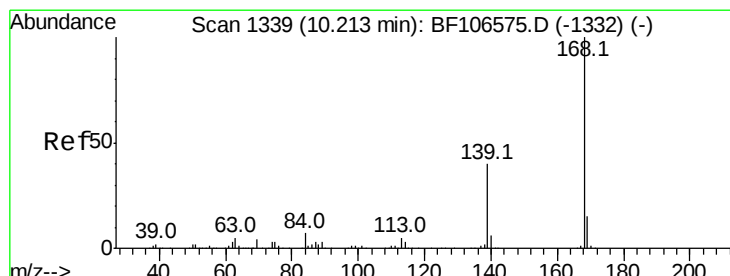
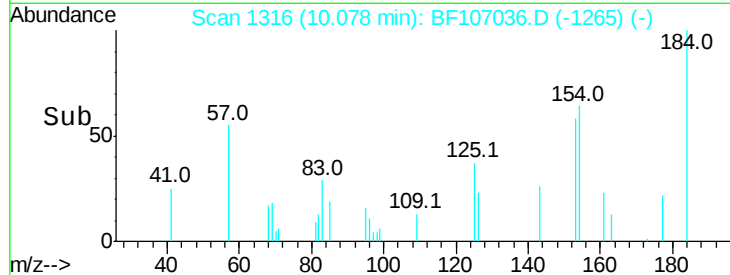
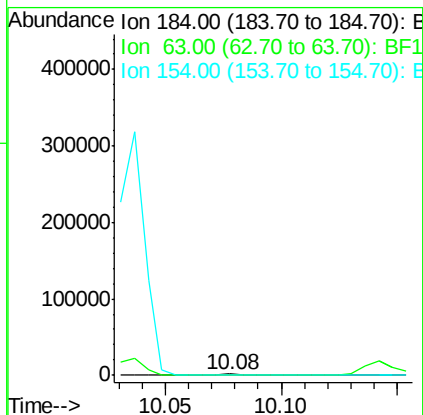
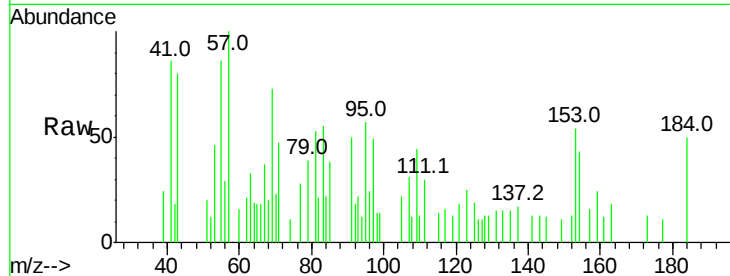




#53
 2,4-Dinitrophenol
 Concen: 7.212 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF107036.D
 Acq: 2 Jul 2018 11:28

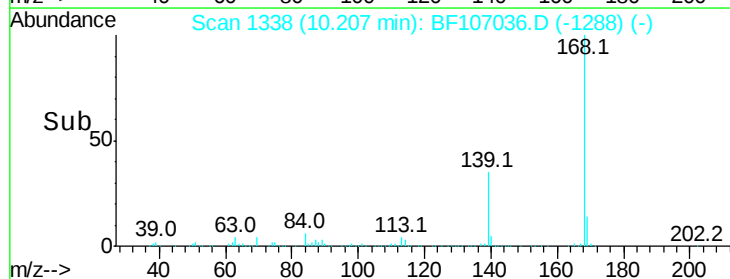
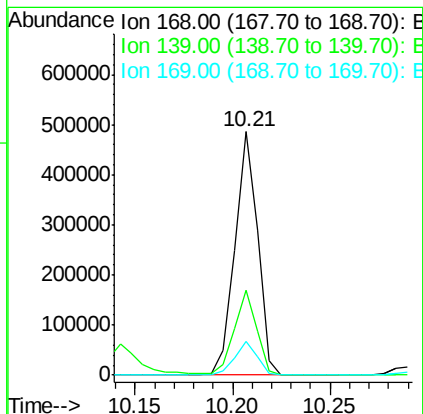
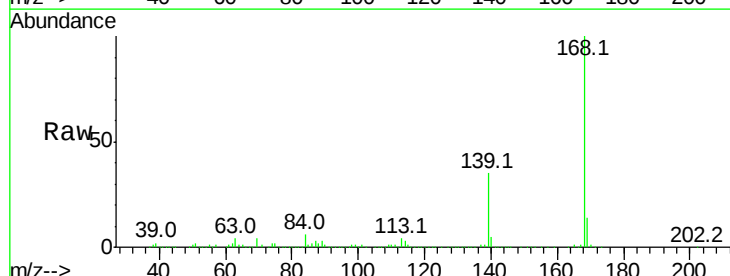
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MSD

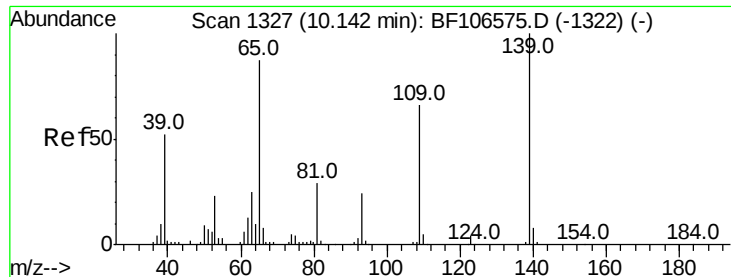
Tot Ion:184 Resp: 1787
 Ion Ratio Lower Upper
 184 100
 63 66.5 54.2 81.2
 154 85.6 184.0 276.0#



#54
 Dibenzofuran
 Concen: 42.241 ng
 RT: 10.21 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF107036.D
 Acq: 2 Jul 2018 11:28

Tgt Ion:168 Resp: 391738
 Ion Ratio Lower Upper
 168 100
 139 34.9 30.1 45.1
 169 14.0 10.9 16.3

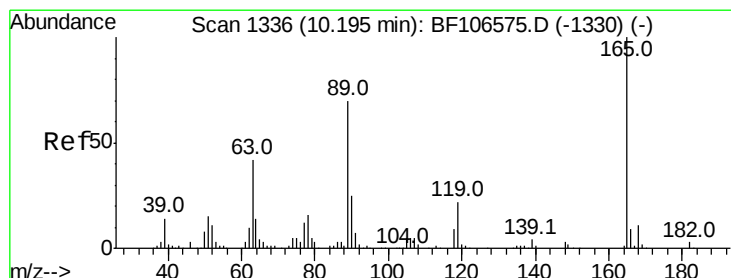
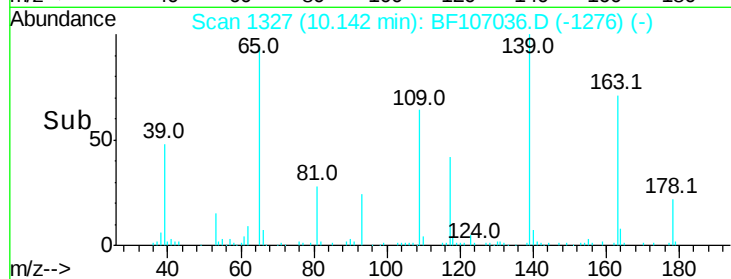
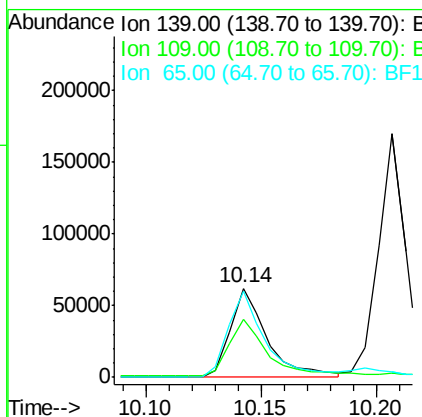
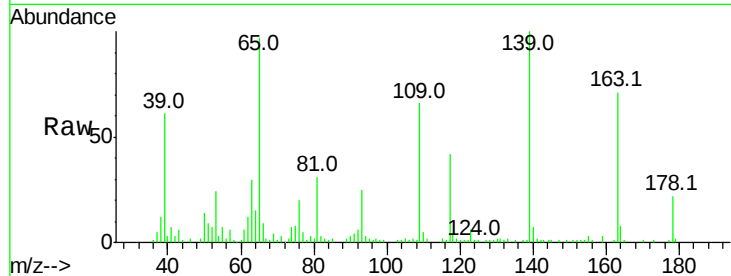




#55
4-Nitrophenol
Concen: 49.917 ng
RT: 10.14 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

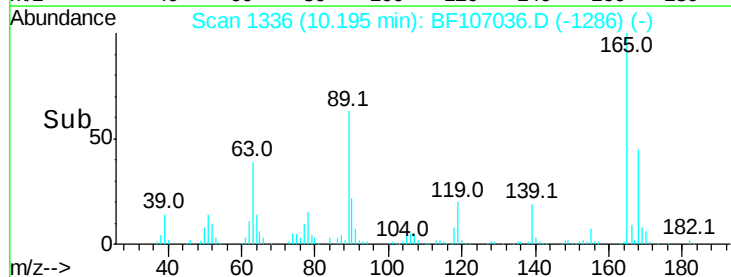
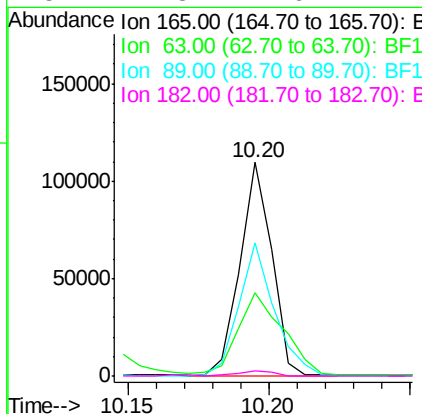
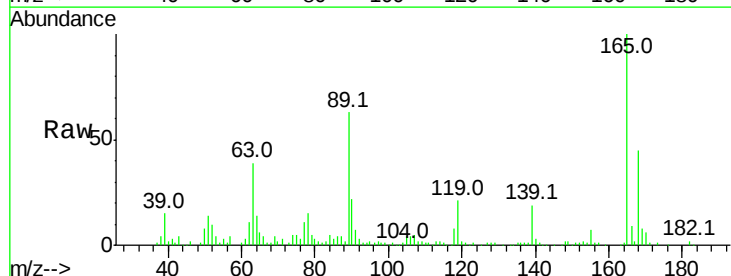
Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

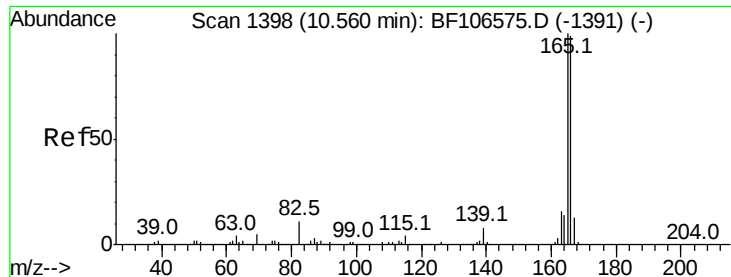
Tot Ion:139 Resp: 69151
Ion Ratio Lower Upper
139 100
109 65.8 48.4 88.4
65 96.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 38.023 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

Tgt Ion:165 Resp: 85598
Ion Ratio Lower Upper
165 100
63 39.2 36.4 54.6
89 62.6 57.8 86.6
182 2.3 1.6 2.4

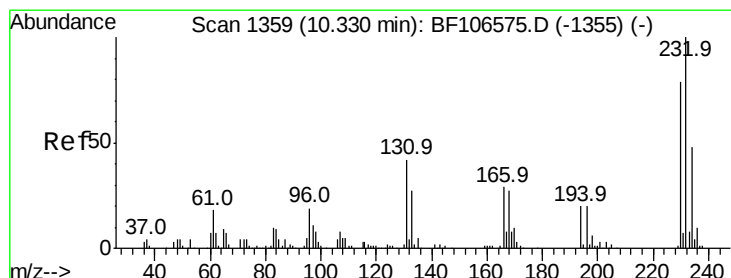
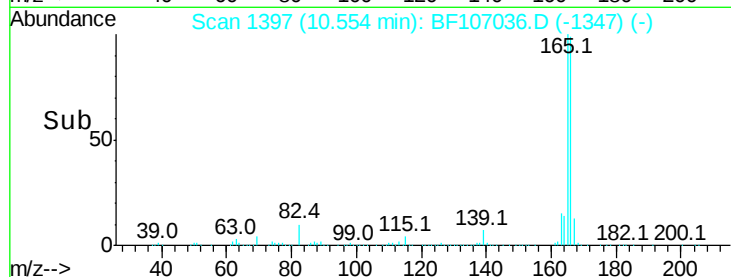
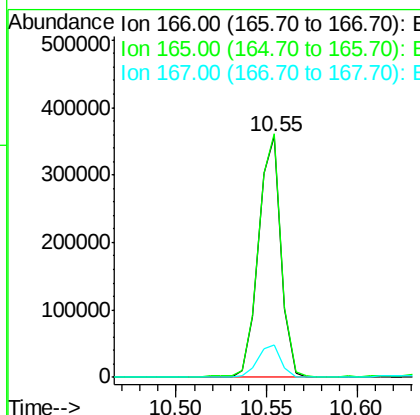
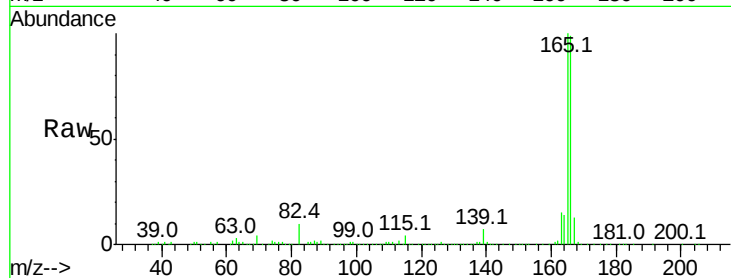




#57
 Fluorene
 Concen: 41.742 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF107036.D
 Acq: 2 Jul 2018 11:28

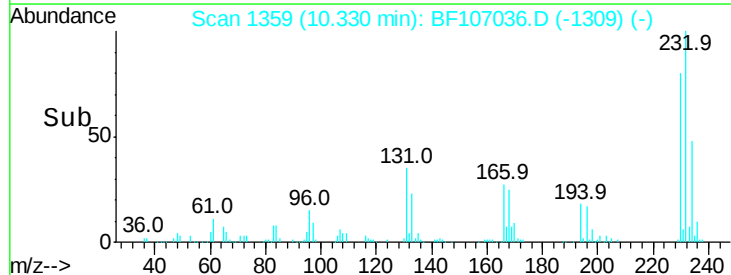
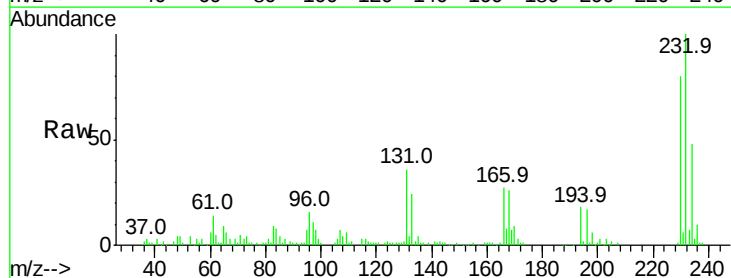
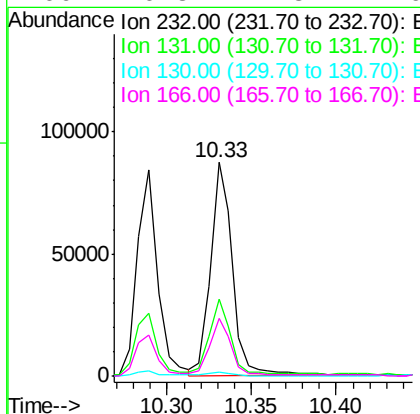
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MSD

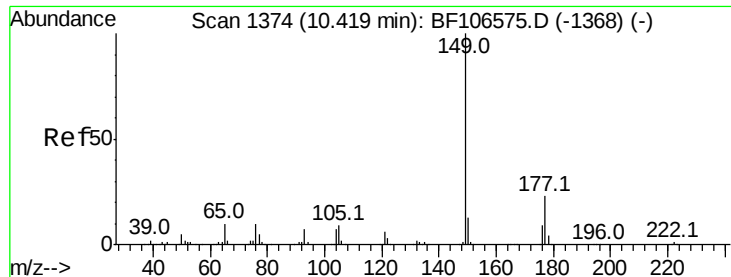
Tot Ion	Ratio	Lower	Upper
166	100		
165	101.1	79.8	119.8
167	13.4	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.701 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF107036.D
 Acq: 2 Jul 2018 11:28

Tgt Ion	Ratio	Lower	Upper
232	100		
131	34.7	43.8	65.8#
130	2.0	2.1	3.1#
166	26.3	27.8	41.6#

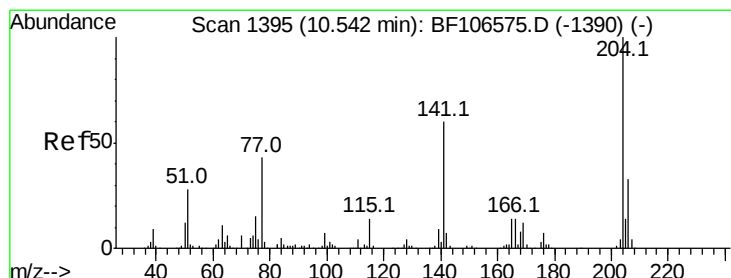
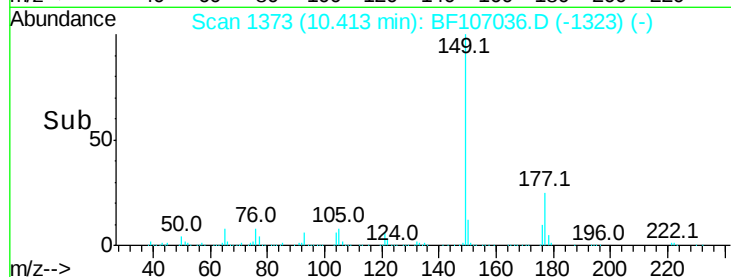
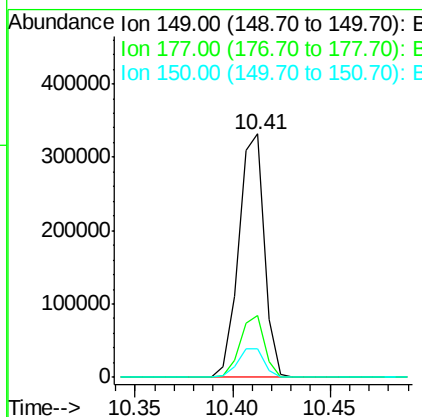
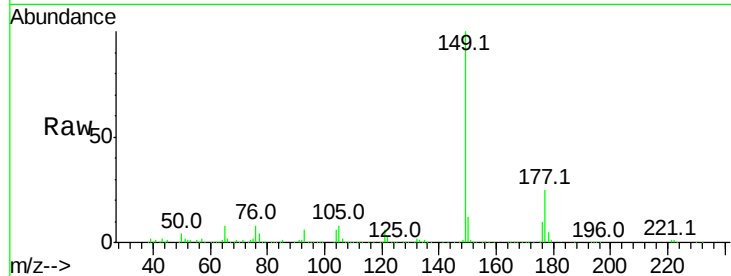




#59
Diethylphthalate
Concen: 38.312 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

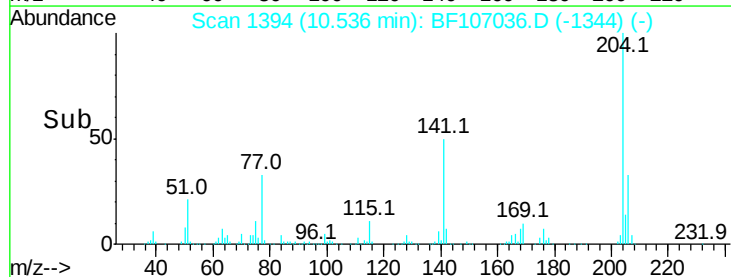
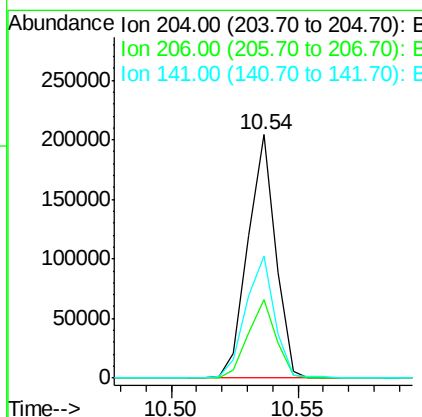
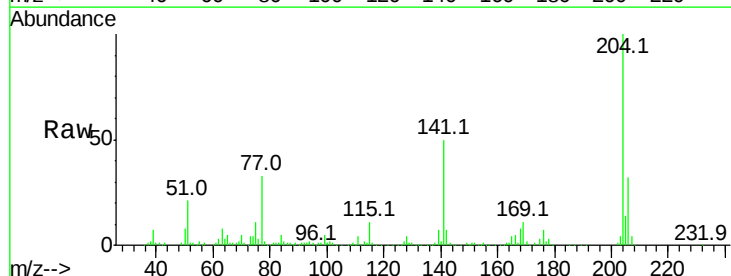
Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

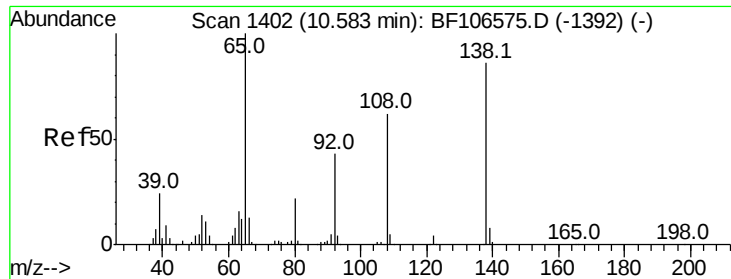
Tot Ion:149 Resp: 301171
Ion Ratio Lower Upper
149 100
177 25.4 16.1 24.1#
150 11.9 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.435 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

Tgt Ion:204 Resp: 155697
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 50.3 54.6 81.8#

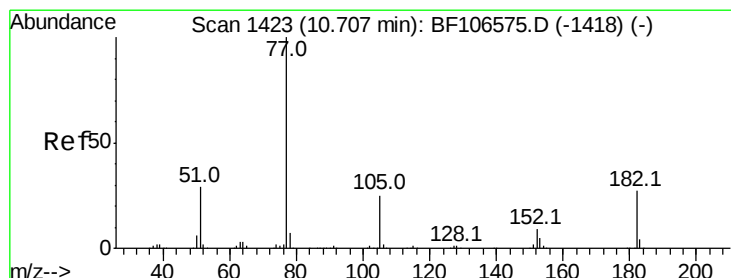
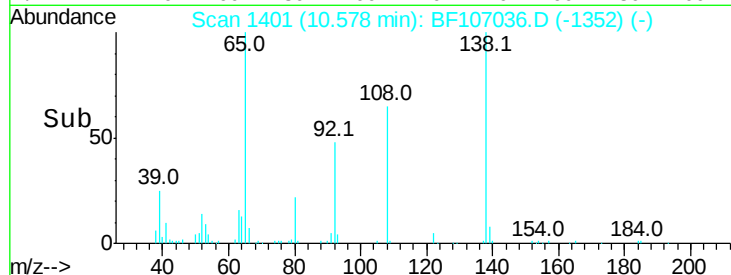
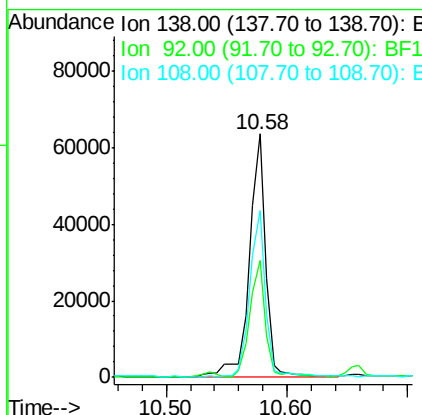
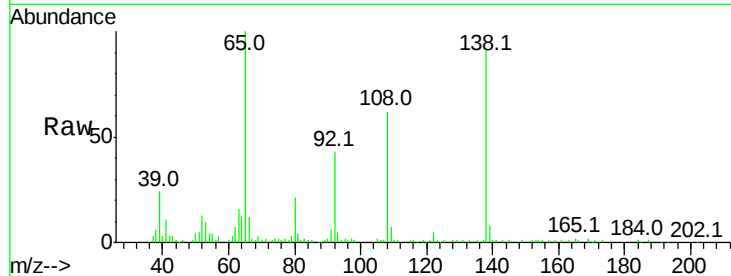




#61
4-Nitroaniline
Concen: 31.170 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

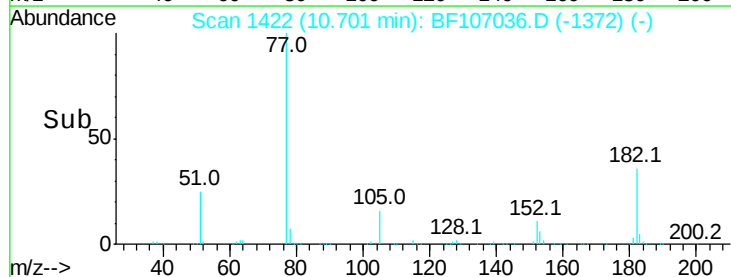
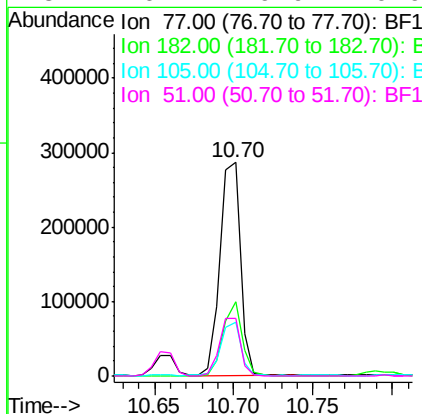
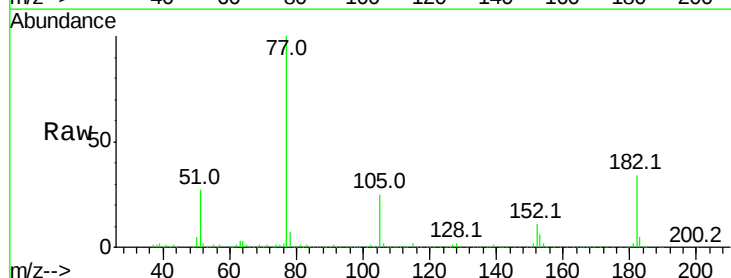
Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

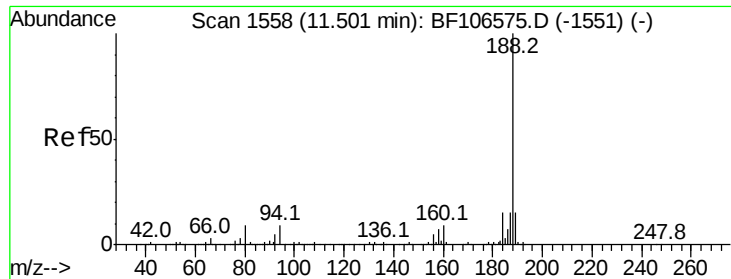
Tot Ion:138 Resp: 61395
Ion Ratio Lower Upper
138 100
92 47.8 30.2 70.2
108 68.7 52.5 92.5



#62
Azobenzene
Concen: 33.108 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

Tgt Ion: 77 Resp: 256297
Ion Ratio Lower Upper
77 100
182 34.5 1.7 41.7
105 25.0 3.0 43.0
51 26.7 9.9 49.9

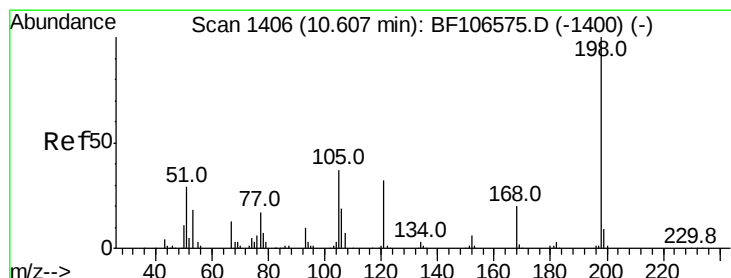
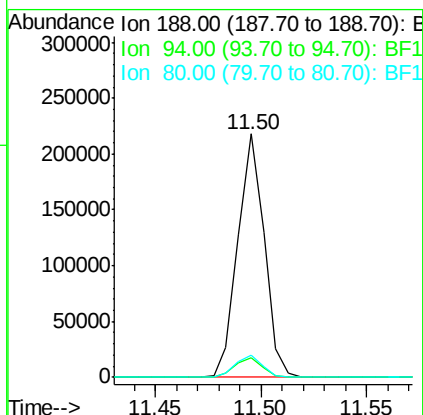
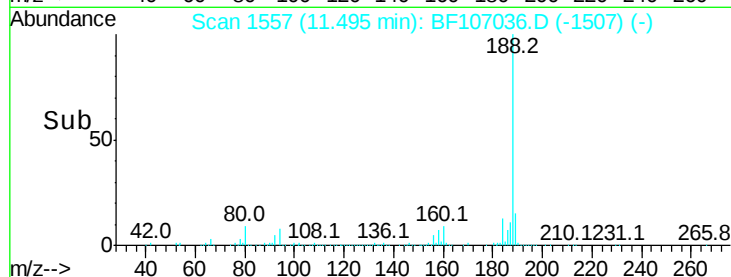
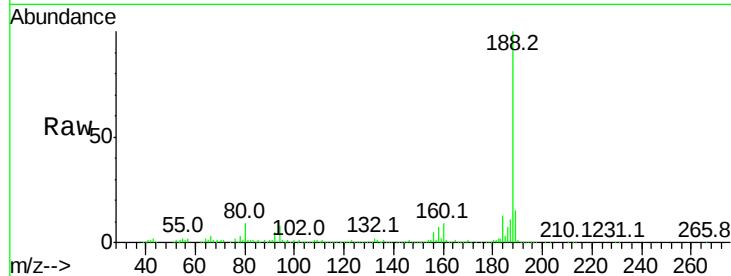




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

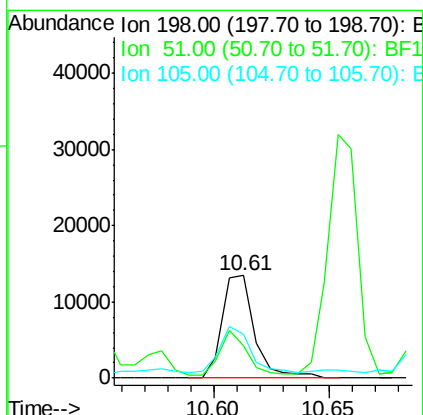
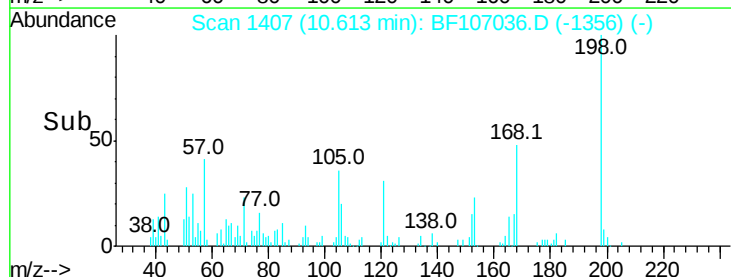
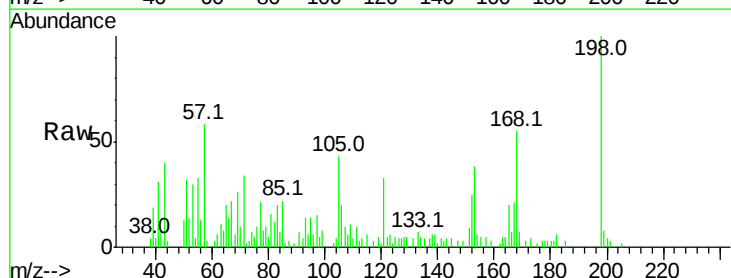
Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

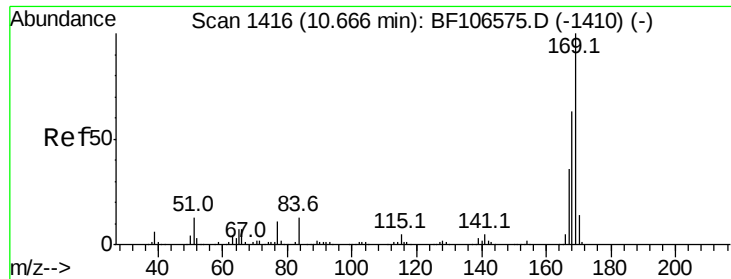
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	9.1	9.2	13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 11.069 ng
RT: 10.61 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

Tgt Ion	Ratio	Lower	Upper
198	100		
51	31.8	37.7	77.7#
105	42.9	36.3	76.3

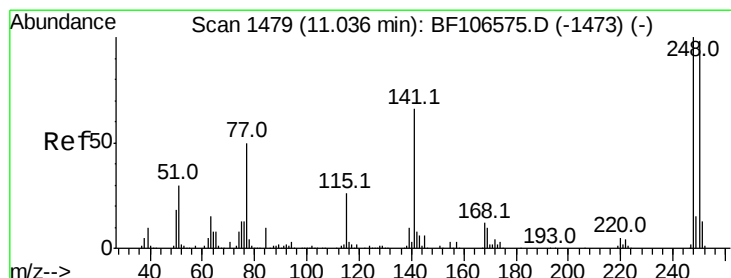
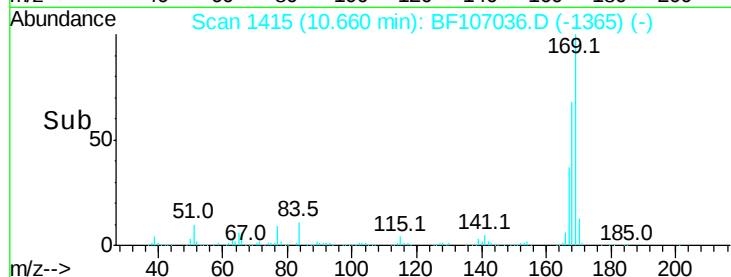
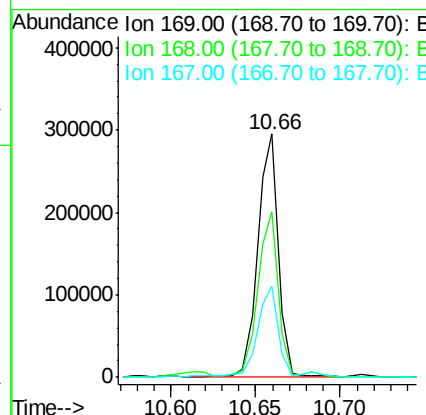
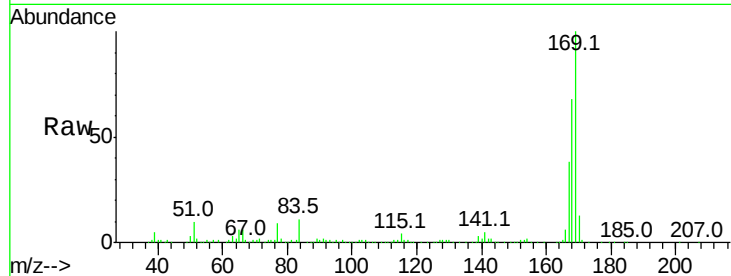




#65
 n-Nitrosodiphenylamine
 Concen: 39.338 ng
 RT: 10.66 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF107036.D
 Acq: 2 Jul 2018 11:28

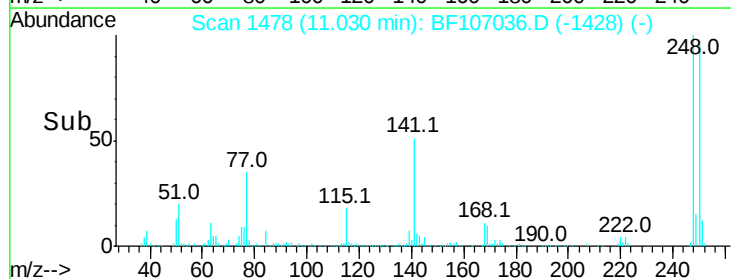
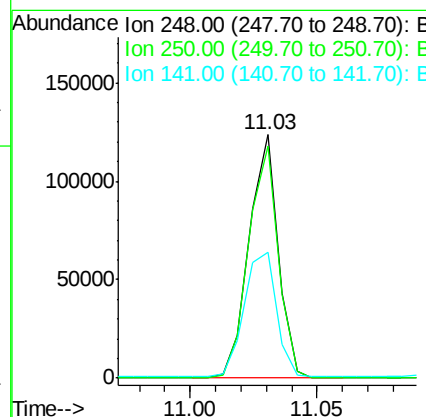
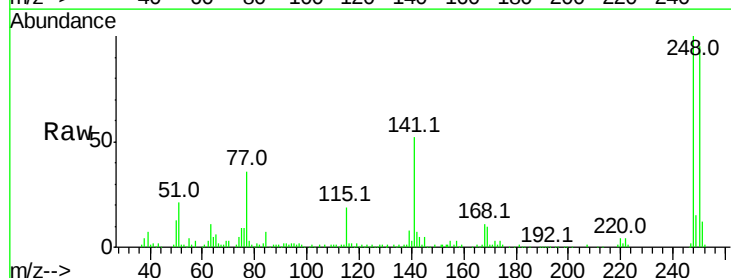
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MSD

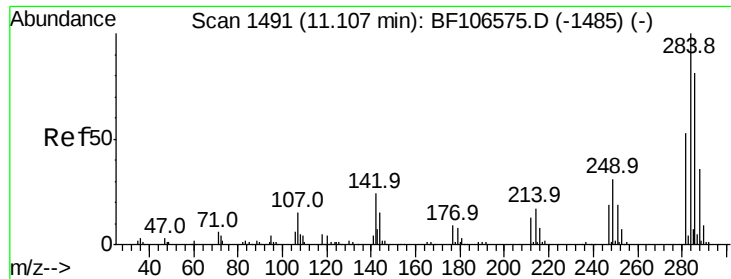
Tot Ion:169 Resp: 250531
 Ion Ratio Lower Upper
 169 100
 168 68.2 54.4 81.6
 167 37.6 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 43.844 ng
 RT: 11.03 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF107036.D
 Acq: 2 Jul 2018 11:28

Tgt Ion:248 Resp: 99075
 Ion Ratio Lower Upper
 248 100
 250 95.3 76.9 115.3
 141 51.5 74.4 111.6#

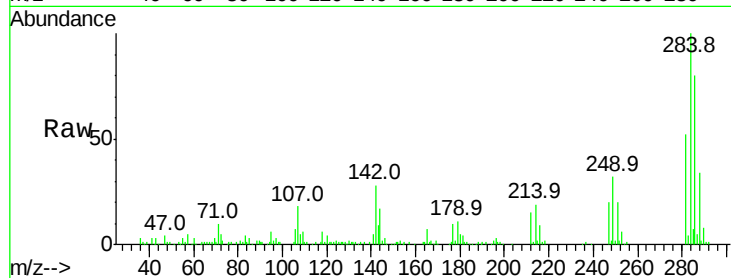




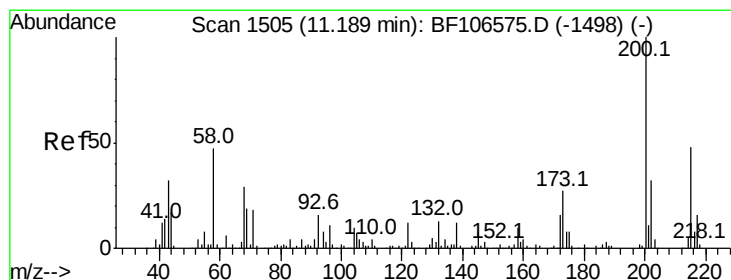
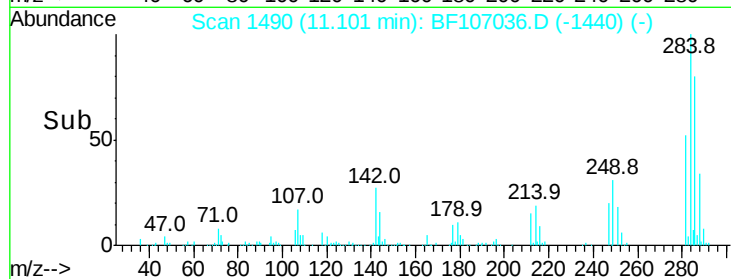
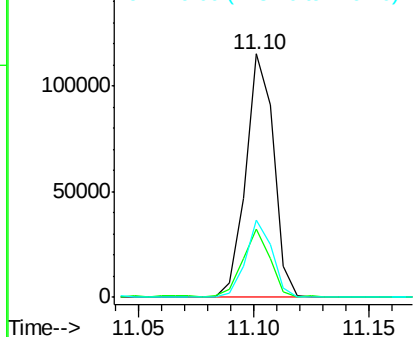
#67
Hexachlorobenzene
Concen: 41.333 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

Tot Ion:284 Resp: 97757
Ion Ratio Lower Upper
284 100
142 27.9 34.6 52.0#
249 31.9 24.8 37.2

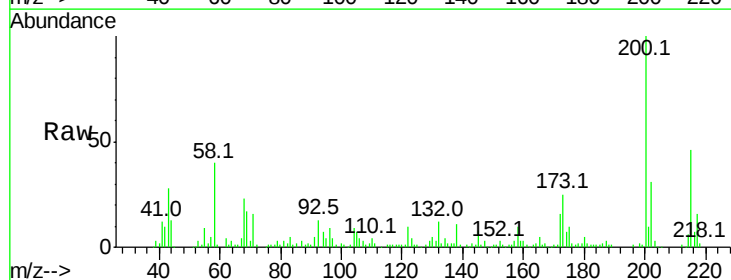


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

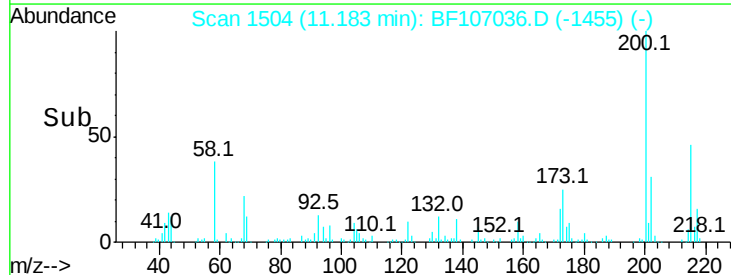
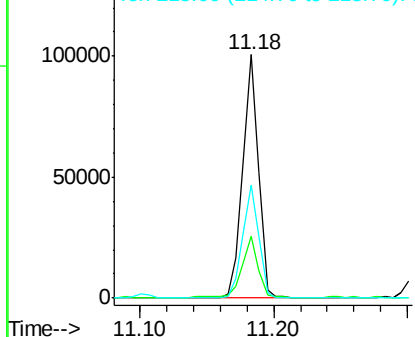


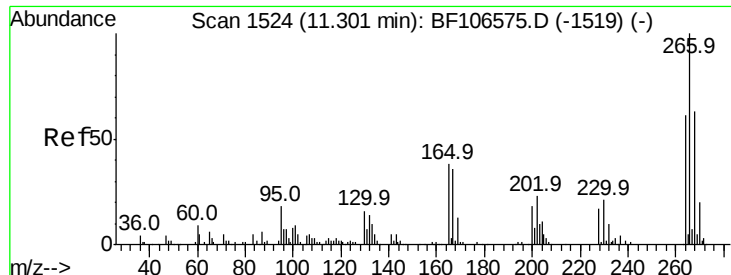
#68
Atrazine
Concen: 41.212 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

Tgt Ion:200 Resp: 83438
Ion Ratio Lower Upper
200 100
173 25.4 8.6 48.6
215 46.2 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

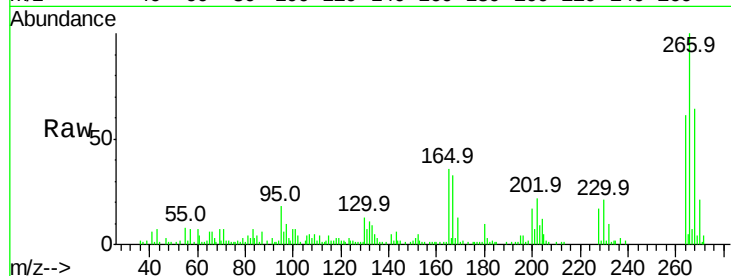




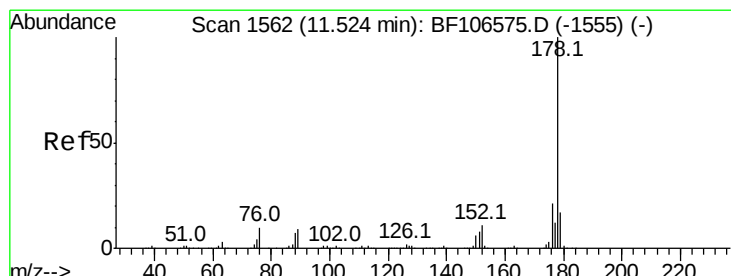
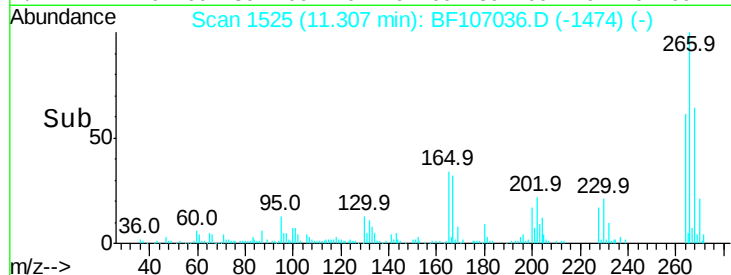
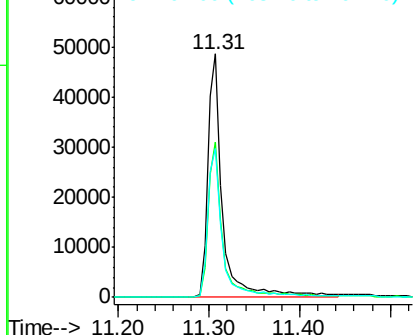
#69
 Pentachlorophenol
 Concen: 47.506 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF107036.D
 Acq: 2 Jul 2018 11:28

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MSD

Tot Ion:266 Resp: 56061
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.1 76.7
 264 61.0 49.5 74.3

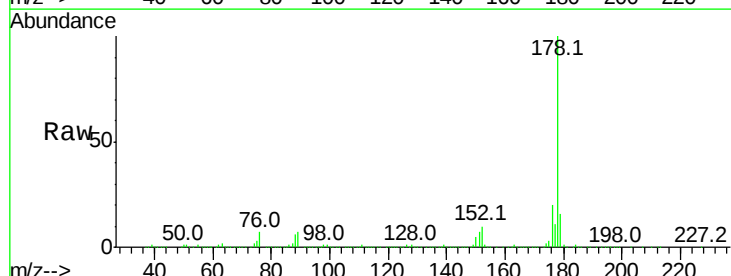


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

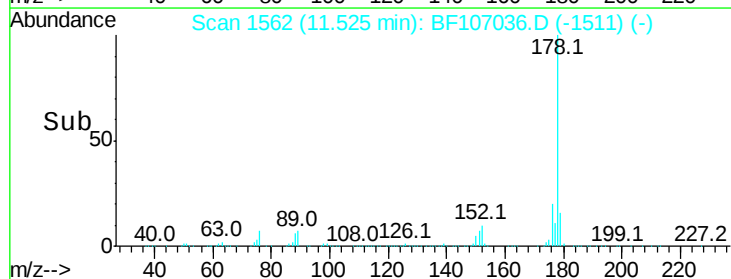
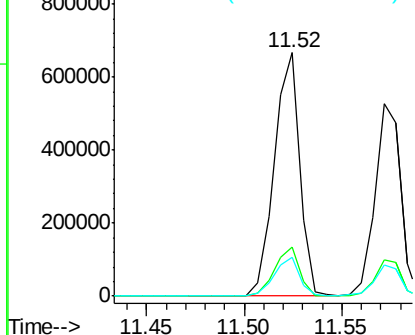


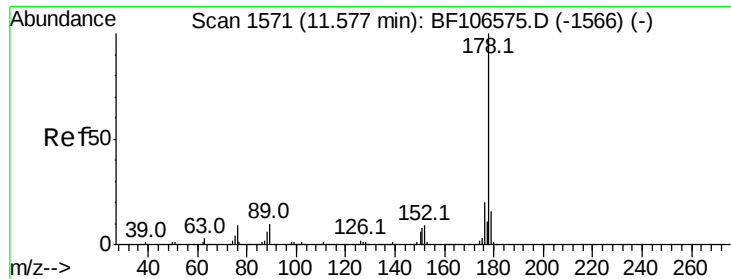
#70
 Phenanthrene
 Concen: 65.386 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF107036.D
 Acq: 2 Jul 2018 11:28

Tgt Ion:178 Resp: 597134
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.8 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

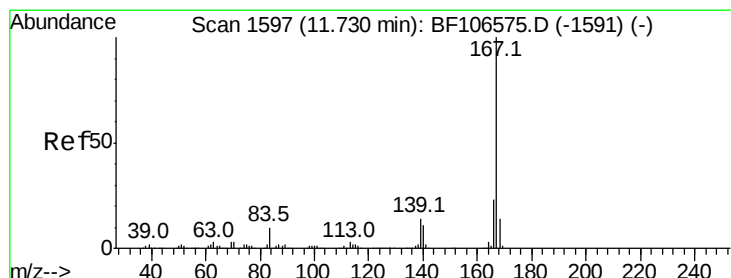
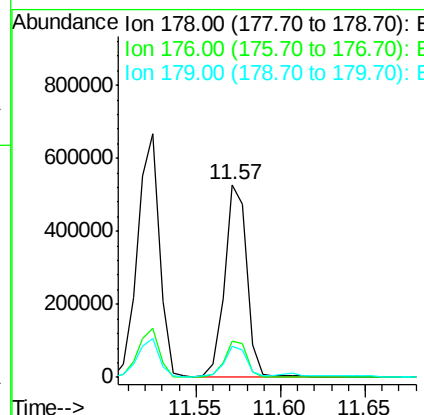
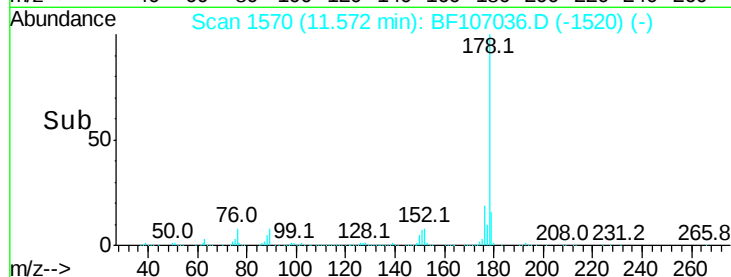
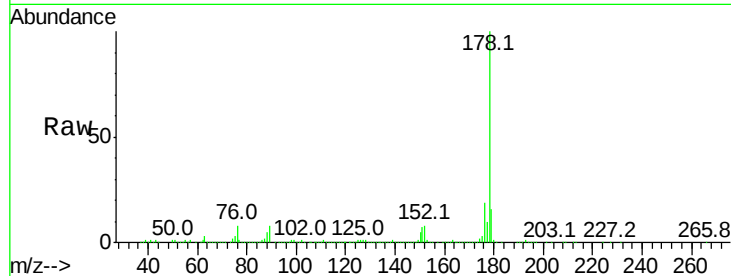




#71
 Anthracene
 Concen: 51.353 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF107036.D
 Acq: 2 Jul 2018 11:28

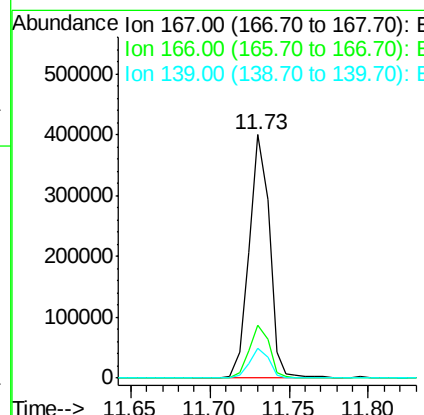
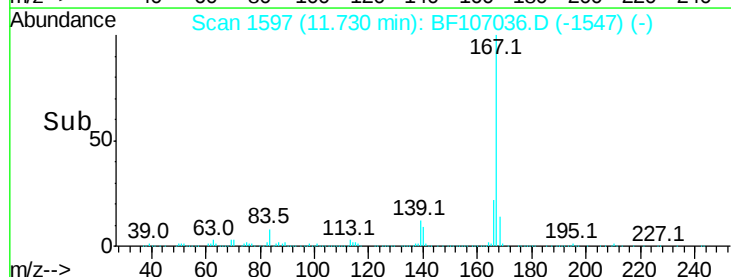
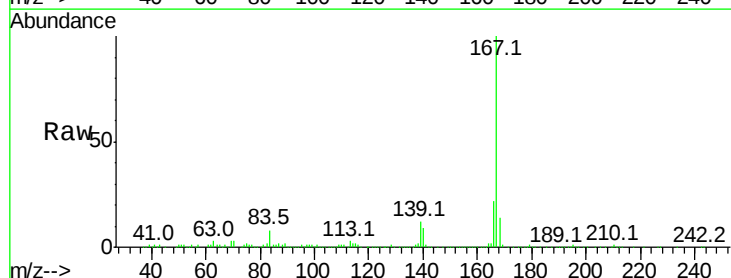
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MSD

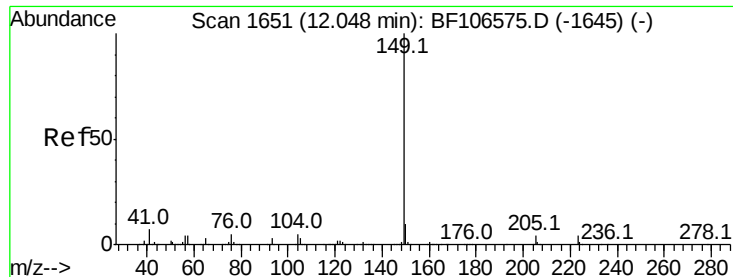
Tot Ion:178 Resp: 478682
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 40.544 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF107036.D
 Acq: 2 Jul 2018 11:28

Tgt Ion:167 Resp: 353835
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 12.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.610 ng

RT: 12.04 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF107036.D

Acq: 2 Jul 2018 11:28

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MSD

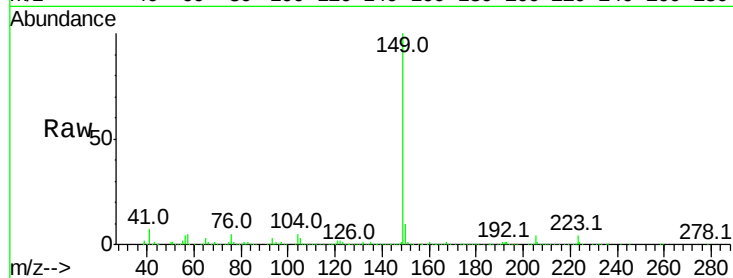
Tot Ion:149 Resp: 396963

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

104 4.7 3.8 5.8

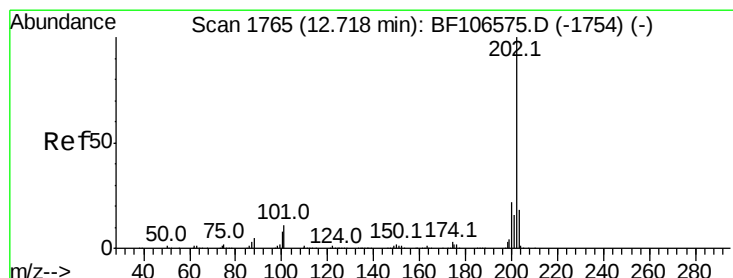
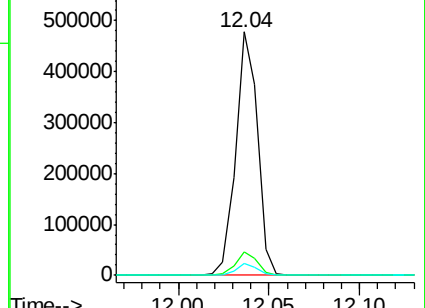
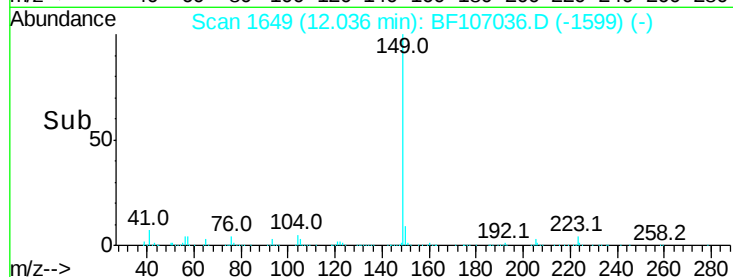


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

12.04



#74

Fluoranthene

Concen: 92.266 ng

RT: 12.72 min Scan# 1766

Delta R.T. 0.01 min

Lab File: BF107036.D

Acq: 2 Jul 2018 11:28

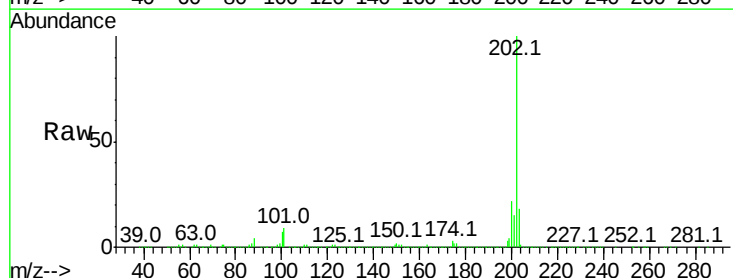
Tgt Ion:202 Resp: 928728

Ion Ratio Lower Upper

202 100

101 9.1 0.0 34.1

203 18.2 0.0 38.1

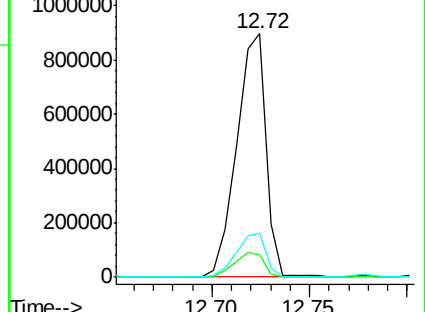
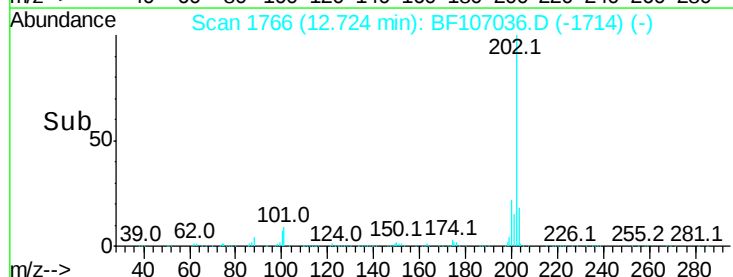


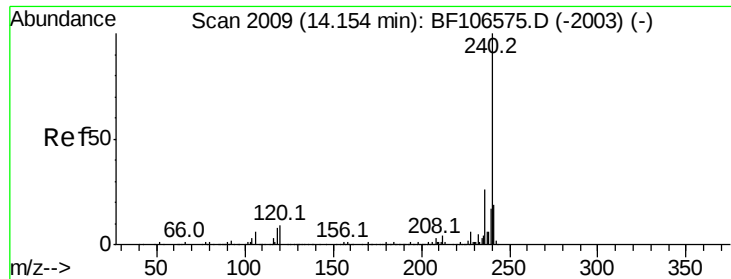
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.72





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107036.D

Acq: 2 Jul 2018 11:28

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MSD

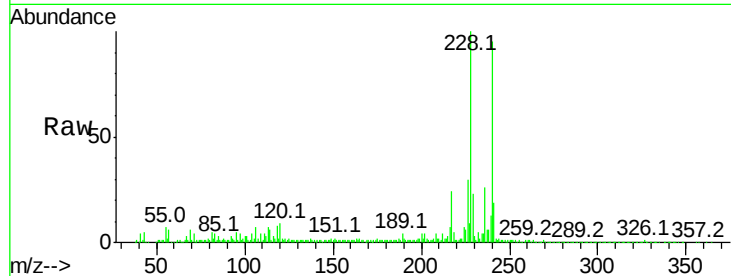
Tot Ion:240 Resp: 164126

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

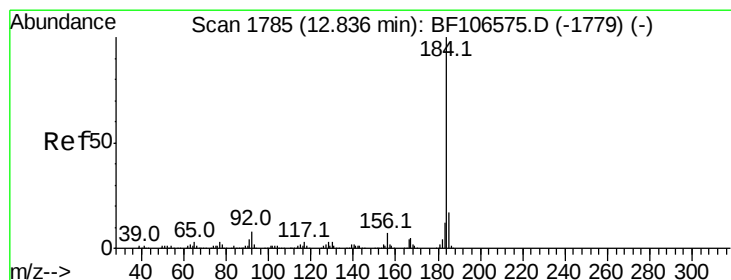
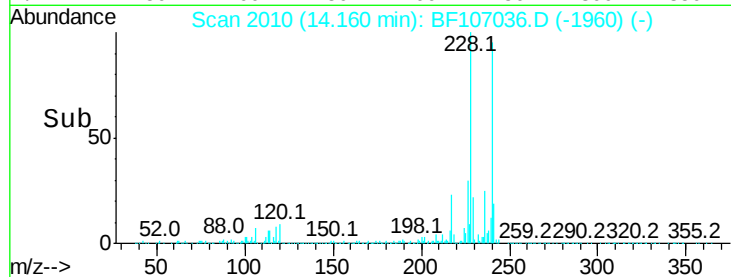
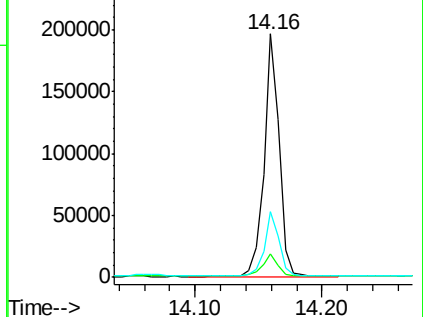
236 27.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 13.242 ng

RT: 12.84 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF107036.D

Acq: 2 Jul 2018 11:28

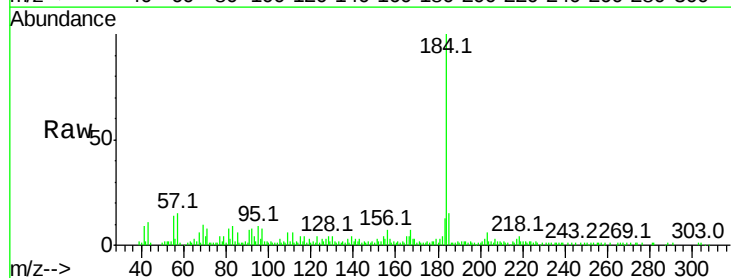
Tgt Ion:184 Resp: 61895

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

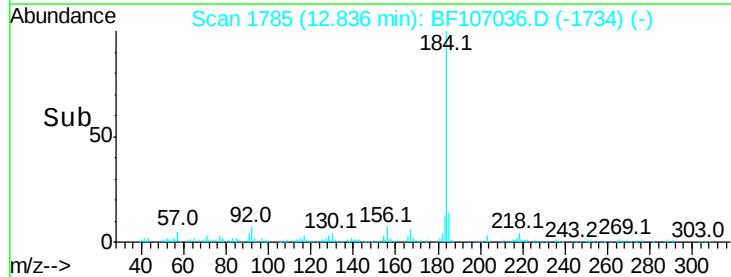
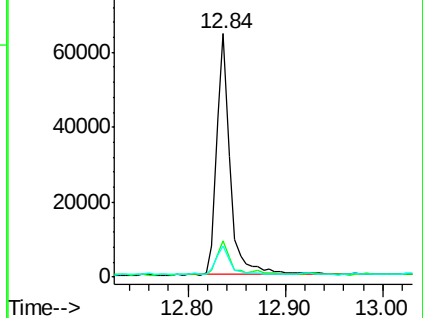
183 12.9 9.3 13.9

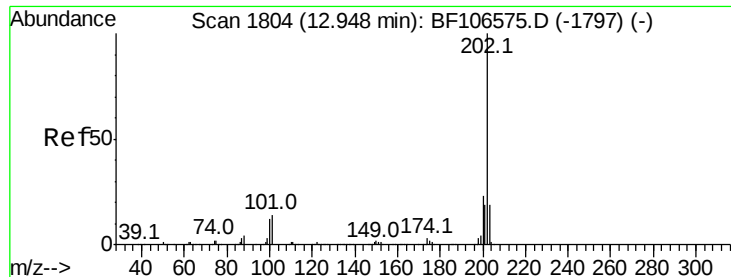


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

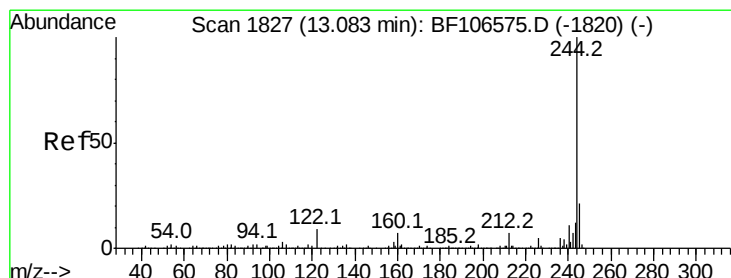
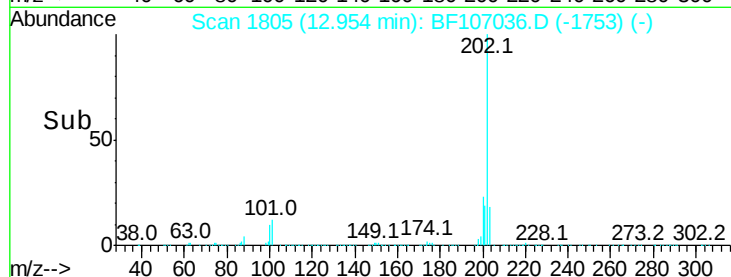
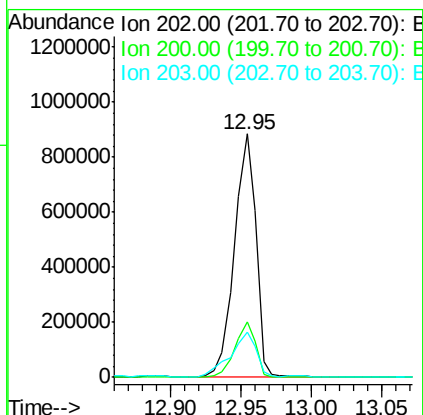
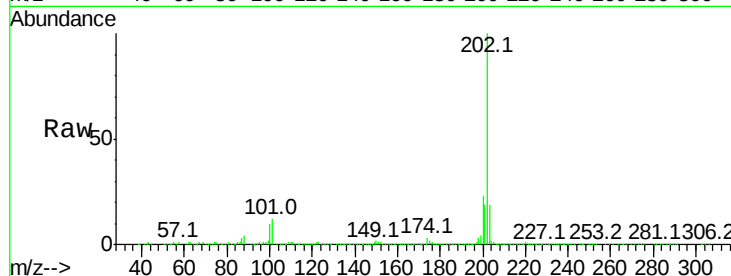




#77
Pvrene
Concen: 86.437 ng
RT: 12.95 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

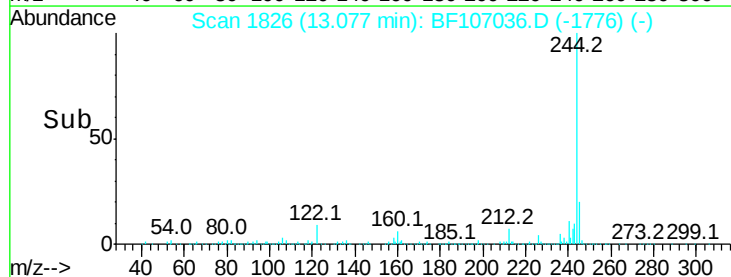
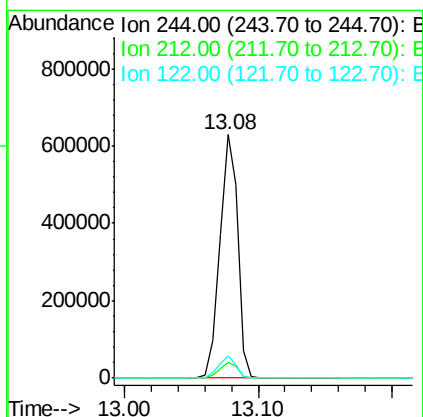
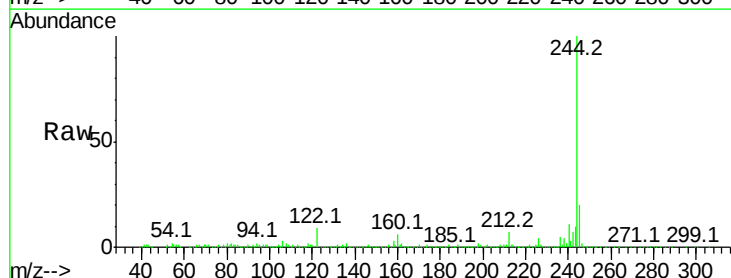
Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

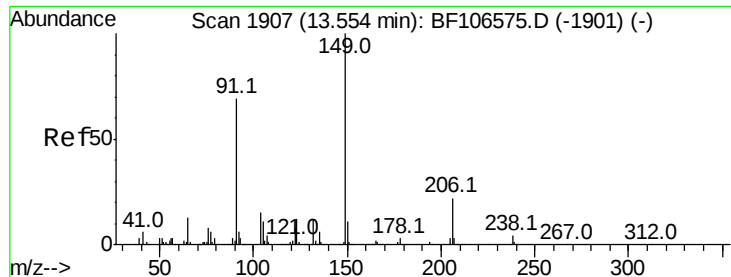
Tot Ion:202 Resp: 935509
Ion Ratio Lower Upper
202 100
200 22.6 17.4 26.2
203 18.7 14.3 21.5



#78
Terphenyl-d14
Concen: 88.298 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

Tgt Ion:244 Resp: 598272
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 9.2 11.0 16.4#

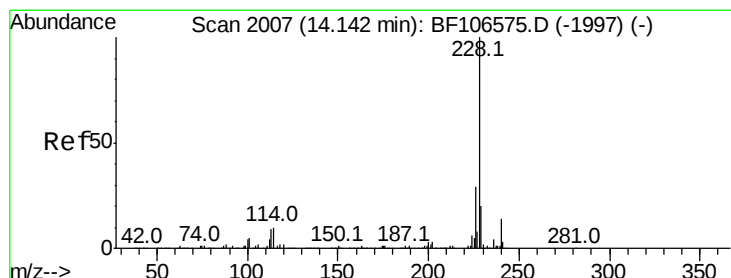
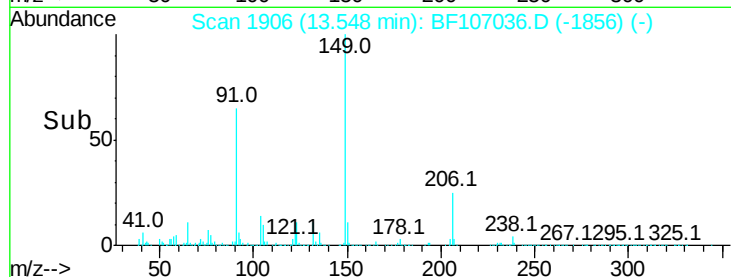
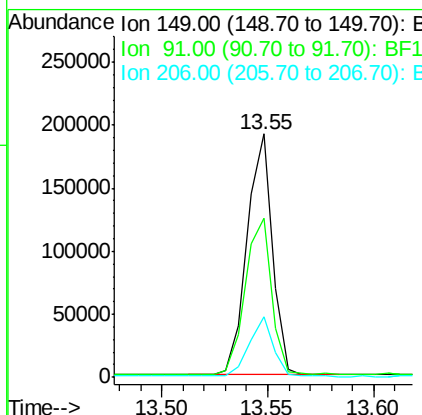
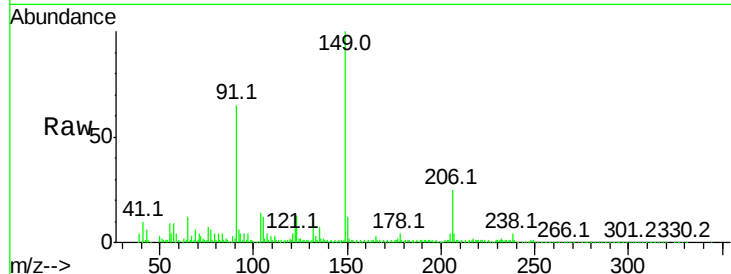




#79
Butylbenzylphthalate
Concen: 35.774 ng
RT: 13.55 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

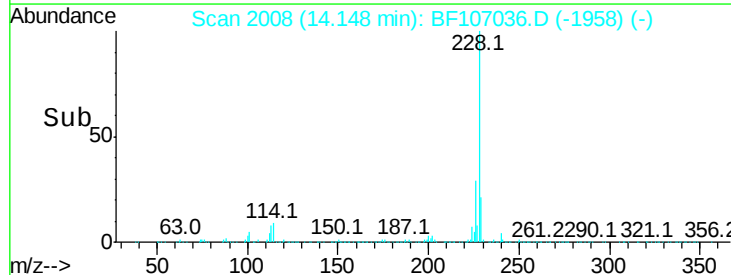
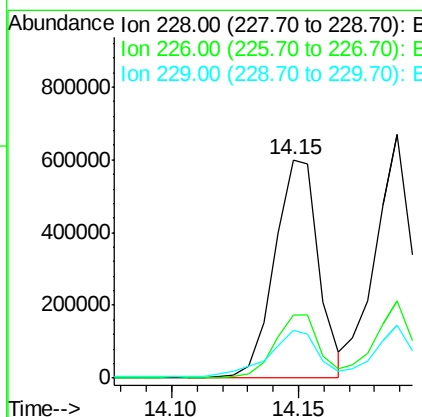
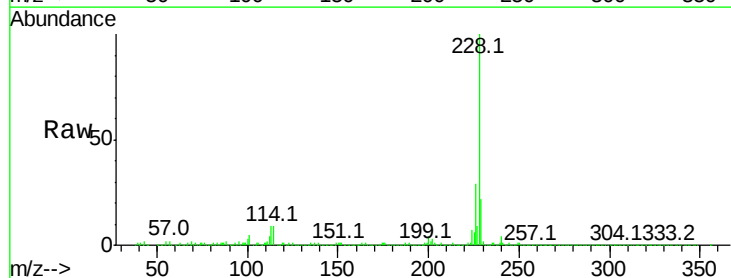
Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

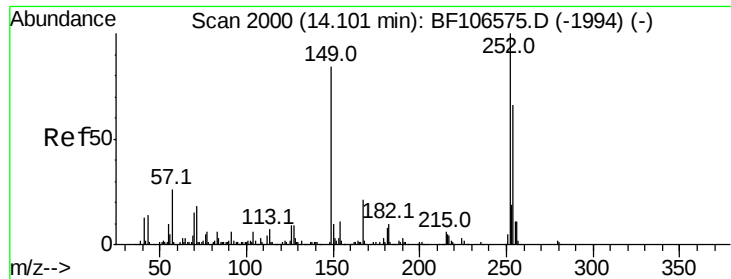
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.4	56.8	85.2
206	24.7	14.1	21.1



#80
Benzo(a)anthracene
Concen: 72.047 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	21.7	15.8	23.6

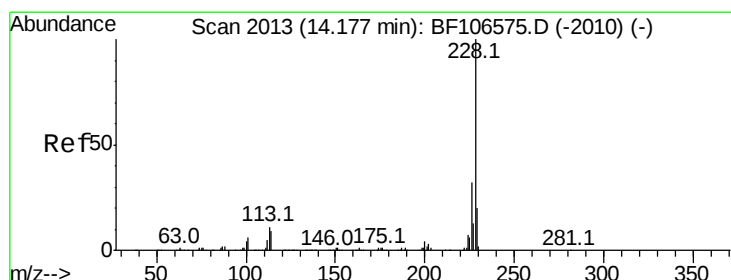
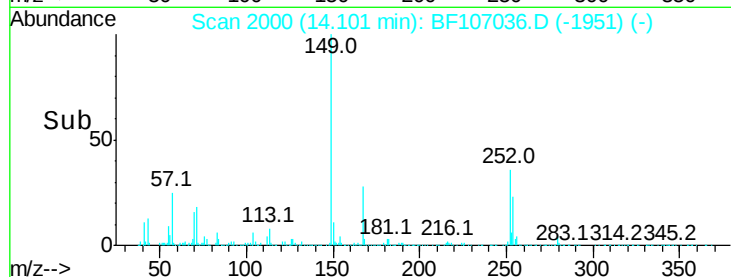
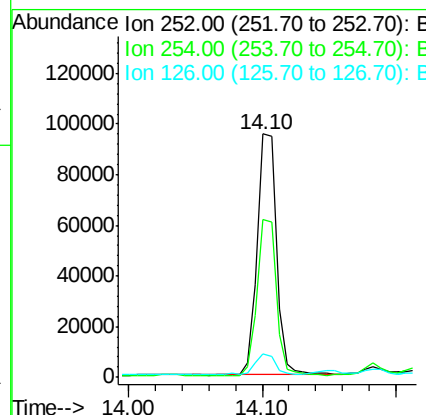
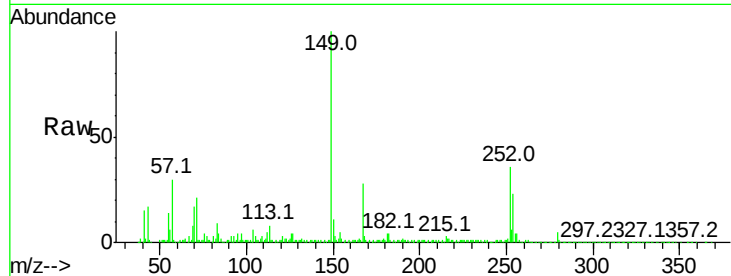




#81
 3,3'-Dichlorobenzidine
 Concen: 26.831 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107036.D
 Acq: 2 Jul 2018 11:28

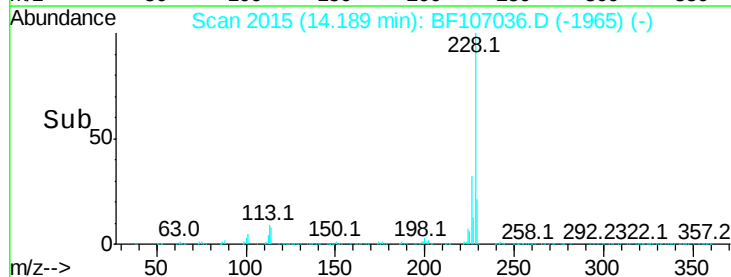
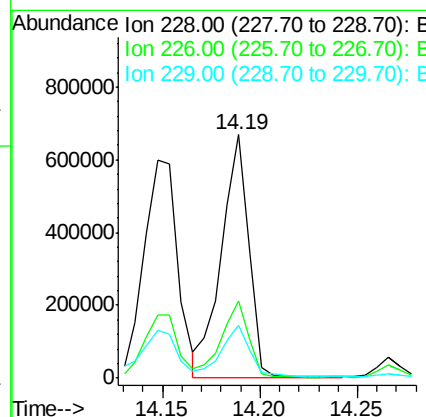
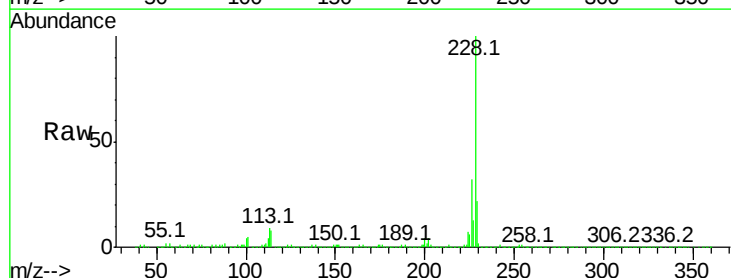
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MSD

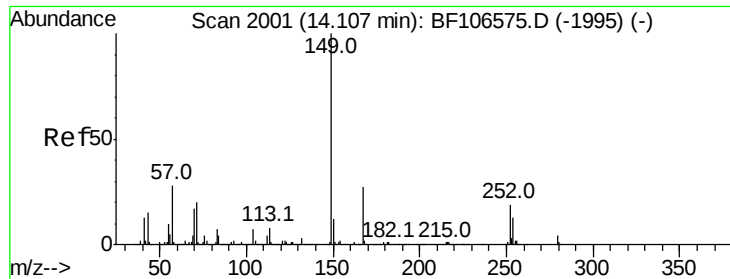
Tot Ion:252 Resp: 94328
 Ion Ratio Lower Upper
 252 100
 254 64.9 50.4 75.6
 126 9.7 11.3 16.9#



#82
 Chrysene
 Concen: 70.329 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF107036.D
 Acq: 2 Jul 2018 11:28

Tgt Ion:228 Resp: 647212
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.0 37.6
 229 21.6 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.470 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF107036.D

Acq: 2 Jul 2018 11:28

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MSD

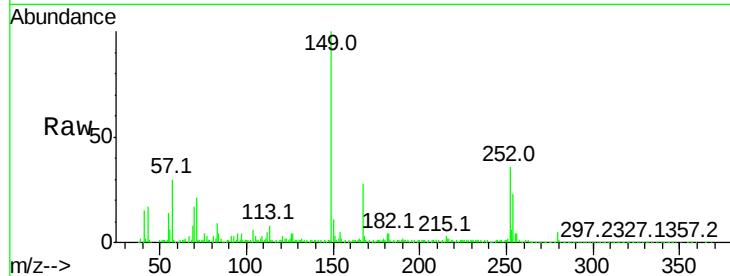
Tot Ion:149 Resp: 224546

Ion Ratio Lower Upper

149 100

167 28.4 21.3 31.9

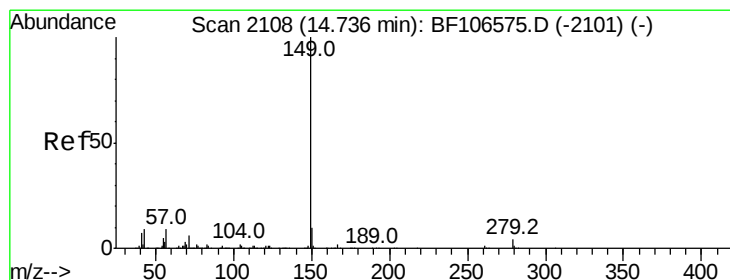
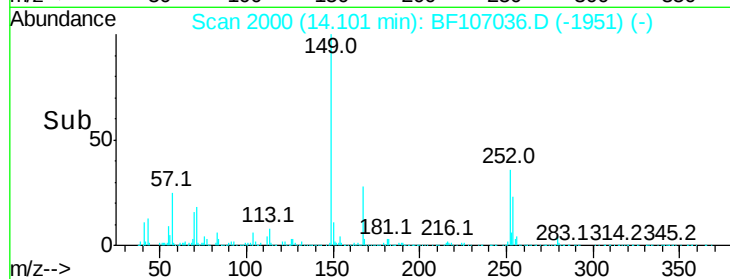
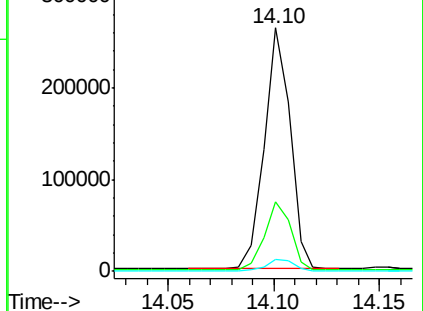
279 4.7 3.0 4.4#



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: 39.692 ng

RT: 14.74 min Scan# 2108

Delta R.T. -0.03 min

Lab File: BF107036.D

Acq: 2 Jul 2018 11:28

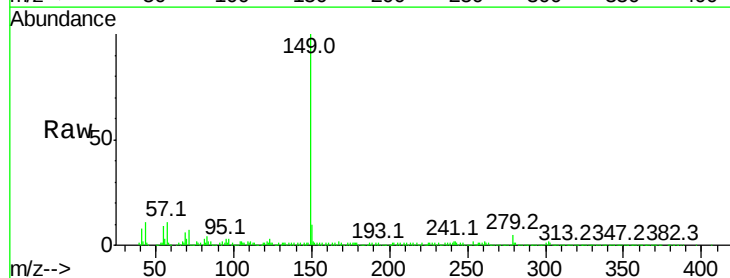
Tgt Ion:149 Resp: 368073

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

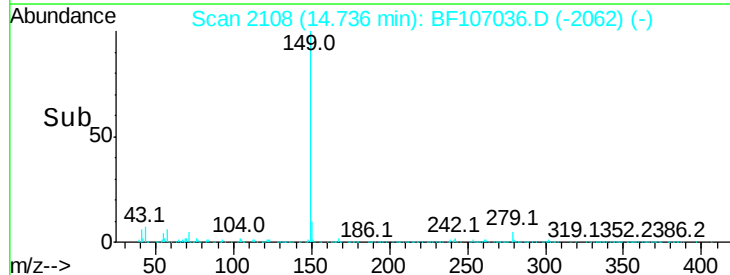
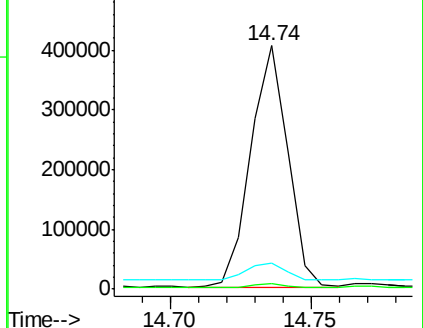
43 7.7 8.4 12.6#

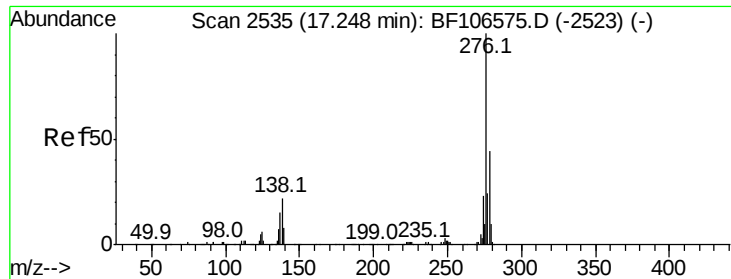


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

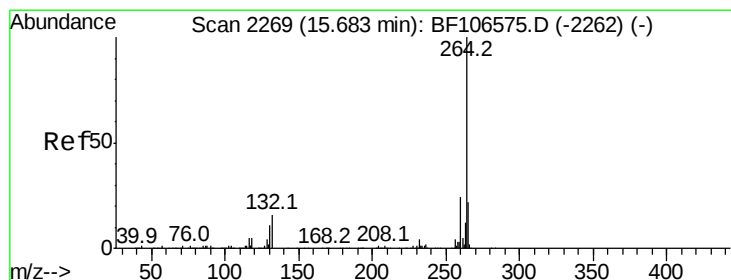
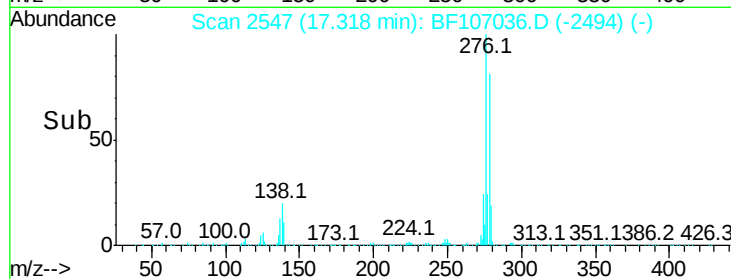
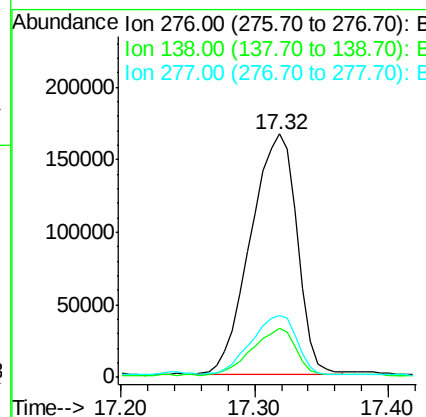
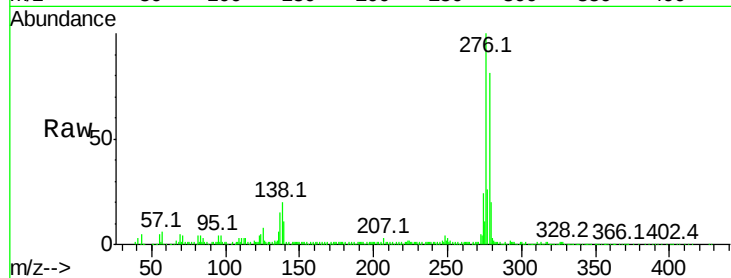




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.070 ng
 RT: 17.32 min Scan# 2547
 Delta R.T. 0.01 min
 Lab File: BF107036.D
 Acq: 2 Jul 2018 11:28

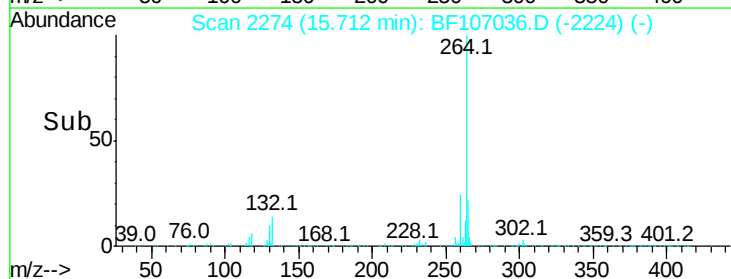
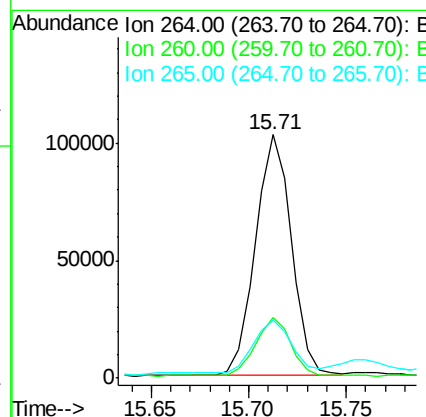
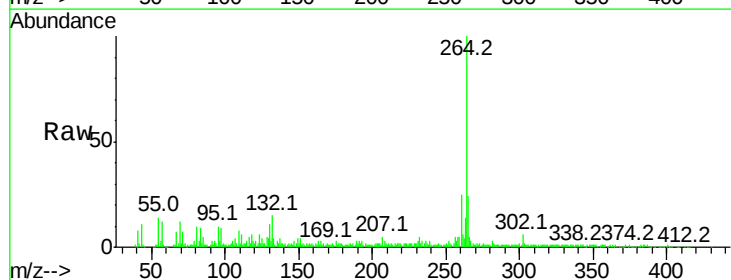
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MSD

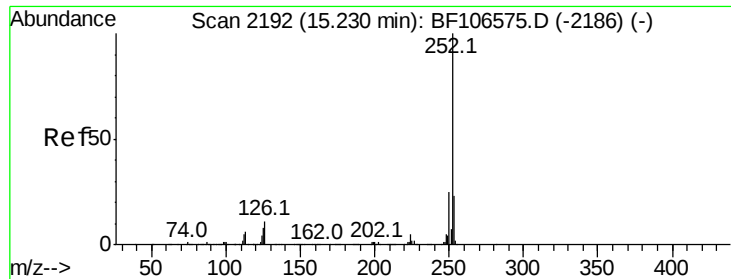
Tot Ion	Ratio	Lower	Upper
276	100		
138	18.4	25.0	37.6#
277	24.8	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF107036.D
 Acq: 2 Jul 2018 11:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	23.8	17.5	26.3

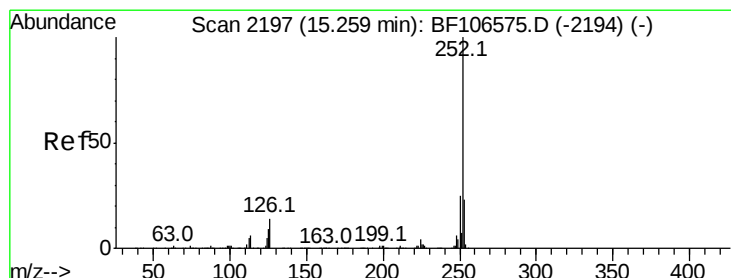
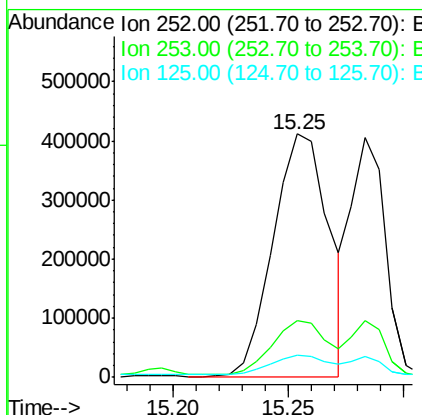
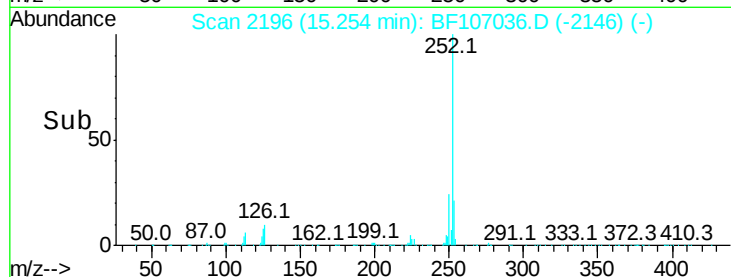
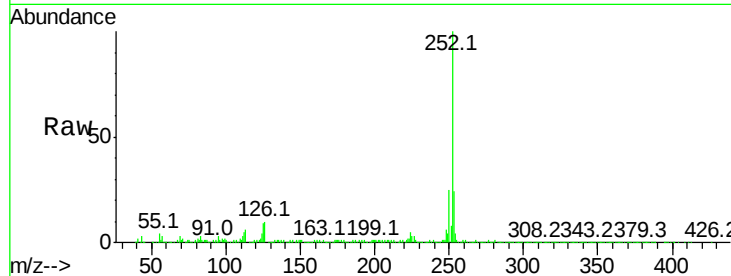




#87
Benzo(b)fluoranthene
Concen: 83.968 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

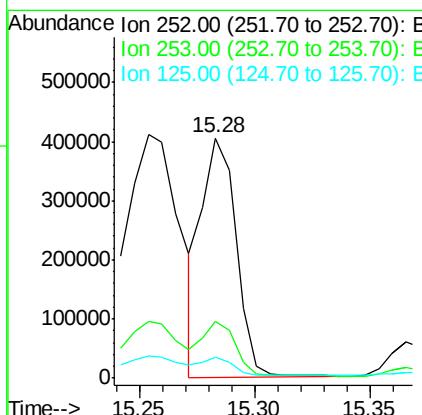
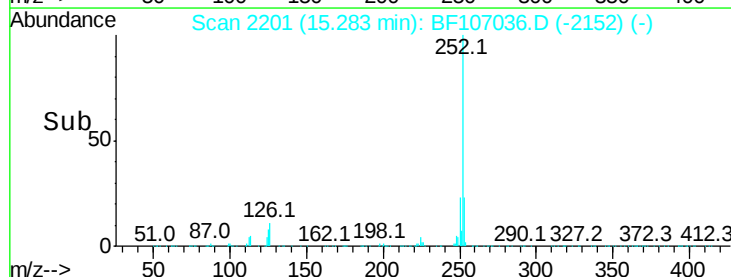
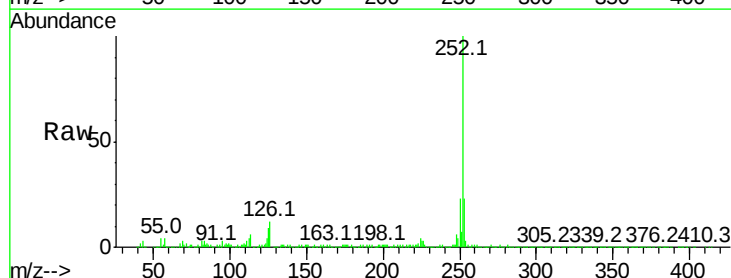
Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

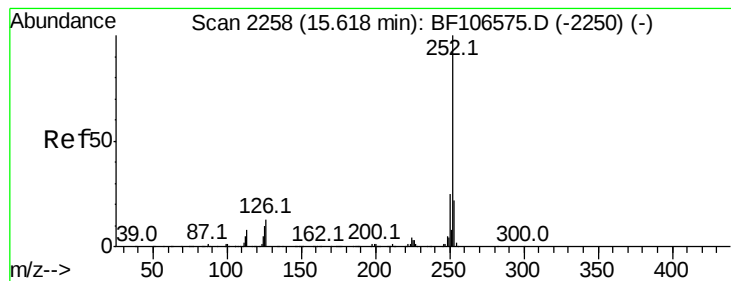
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	9.1	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 54.258 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	8.9	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 74.061 ng

RT: 15.65 min Scan# 2264

Delta R.T. 0.00 min

Lab File: BF107036.D

Acq: 2 Jul 2018 11:28

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MSD

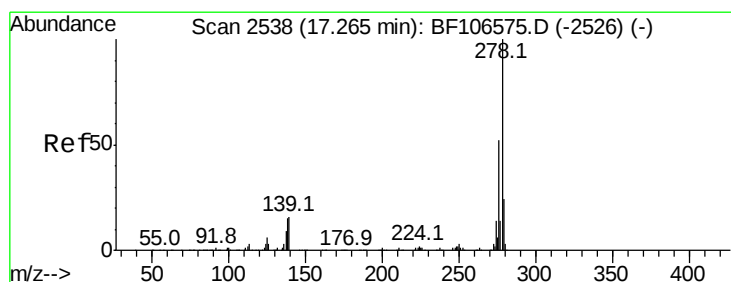
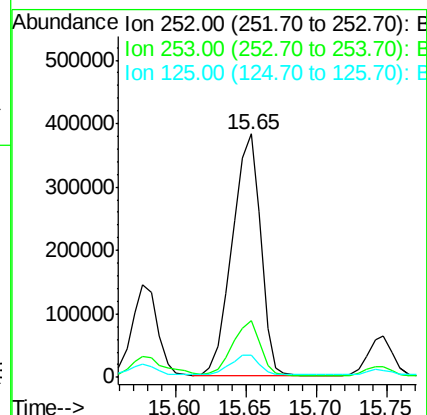
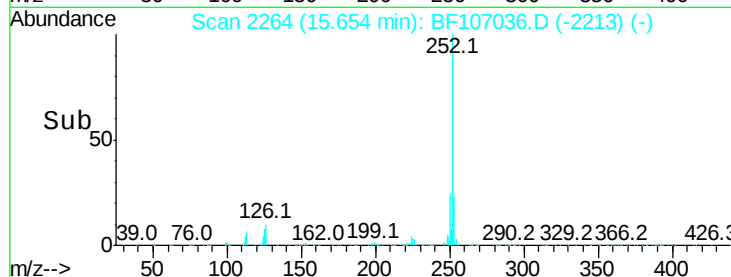
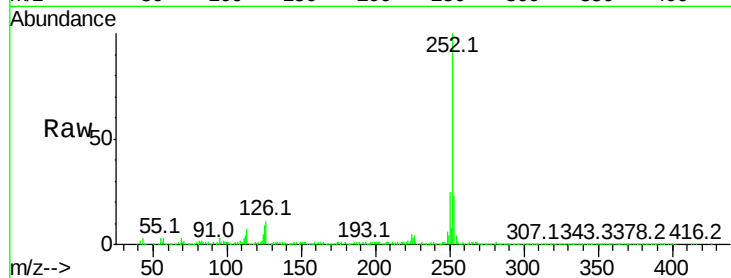
Tot Ion:252 Resp: 537124

Ion Ratio Lower Upper

252 100

253 23.3 17.1 25.7

125 9.0 9.8 14.6#



#90

Dibenzo(a,h)anthracene

Concen: 41.402 ng

RT: 17.32 min Scan# 2548

Delta R.T. 0.00 min

Lab File: BF107036.D

Acq: 2 Jul 2018 11:28

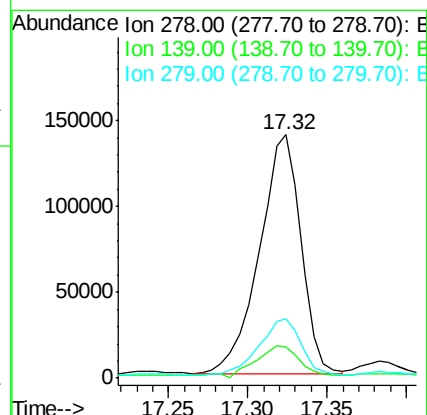
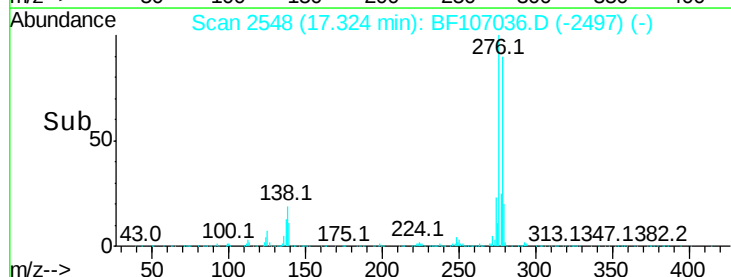
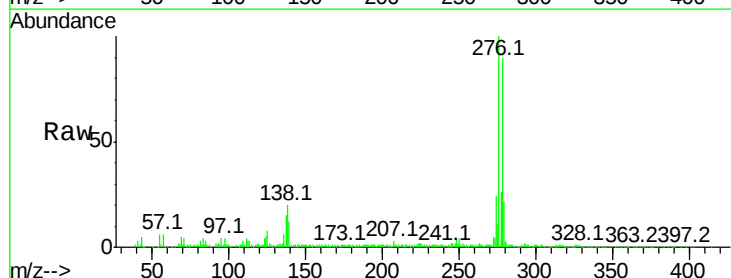
Tgt Ion:278 Resp: 254475

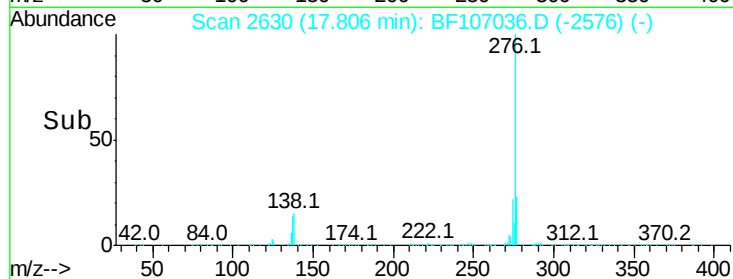
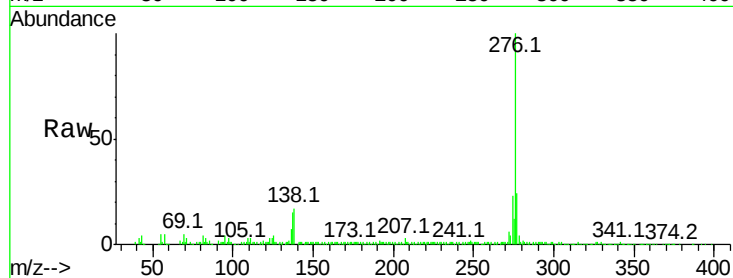
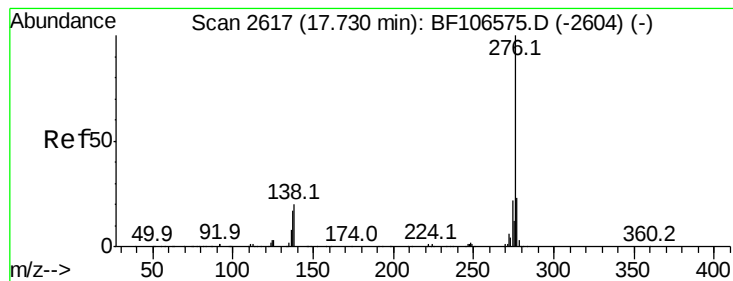
Ion Ratio Lower Upper

278 100

139 12.9 15.9 23.9#

279 24.2 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 58.732 ng

RT: 17.81 min Scan# 2630

Delta R.T. 0.02 min

Lab File: BF107036.D

Acq: 2 Jul 2018 11:28

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MSD

Tot Ion:276 Resp: 352837

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 16.6 21.8 32.8#

