

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 12:14:53 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
32) Benzoic acid	7.90	122	144928	59.527	ng	# 15
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

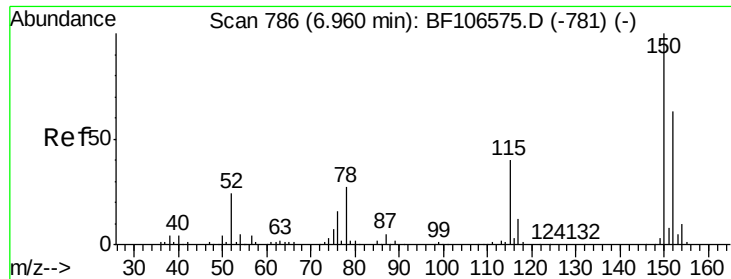
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070218\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.24	196	99293	39.144	ng	90
45) 1,1'-Biphenyl	9.42	154	381702	44.105	ng	98
46) 2-Chloronaphthalene	9.45	162	270481	39.705	ng	96
47) 2-Nitroaniline	9.55	65	84982	37.097	ng	94
48) Acenaphthylene	9.87	152	433329	40.290	ng	99
49) Dimethylphthalate	9.71	163	435112	53.422	ng	# 98
50) 2,6-Dinitrotoluene	9.79	165	71210	41.289	ng	# 81
51) Acenaphthene	10.04	154	262794	38.802	ng	98
52) 3-Nitroaniline	9.96	138	56204	28.319	ng	99
53) 2,4-Dinitrophenol	10.08	184	1787	7.212	ng	# 32
54) Dibenzofuran	10.21	168	391738	42.241	ng	97
55) 4-Nitrophenol	10.14	139	69151	49.917	ng	96
56) 2,4-Dinitrotoluene	10.20	165	85598	38.023	ng	89
57) Fluorene	10.55	166	307191	41.742	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	78036	38.701	ng	# 78
59) Diethylphthalate	10.41	149	301171	38.312	ng	# 92
60) 4-Chlorophenyl-phenylether	10.54	204	155697	40.435	ng	# 85
61) 4-Nitroaniline	10.58	138	61395	31.170	ng	96
62) Azobenzene	10.70	77	256297	33.108	ng	89
64) 4,6-Dinitro-2-methylphenol	10.61	198	12955	11.069	ng	# 73
65) n-Nitrosodiphenylamine	10.66	169	250531	39.338	ng	100
66) 4-Bromophenyl-phenylether	11.03	248	99075	43.844	ng	# 78
67) Hexachlorobenzene	11.10	284	97757	41.333	ng	# 85
68) Atrazine	11.18	200	83438	41.212	ng	97
69) Pentachlorophenol	11.31	266	56061	47.506	ng	99
70) Phenanthrene	11.52	178	597134	65.386	ng	99
71) Anthracene	11.57	178	478682	51.353	ng	99
72) Carbazole	11.73	167	353835	40.544	ng	99
73) Di-n-butylphthalate	12.04	149	396963	38.610	ng	100
74) Fluoranthene	12.72	202	928728	92.266	ng	95
76) Benzidine	12.84	184	61895	13.242	ng	98
77) Pyrene	12.95	202	935509	86.437	ng	98
79) Butylbenzylphthalate	13.55	149	159189	35.774	ng	# 91
80) Benzo(a)anthracene	14.15	228	720691	72.047	ng	97
81) 3,3'-Dichlorobenzidine	14.10	252	94328	26.831	ng	# 96
82) Chrysene	14.19	228	647212	70.329	ng	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	224546	39.470	ng	# 97
84) Di-n-octyl phthalate	14.74	149	368073	39.692	ng	# 93
85) Indeno(1,2,3-cd)pyrene	17.32	276	398839	51.070	ng	# 87
87) Benzo(b)fluoranthene	15.25	252	685031	83.968	ng	95
88) Benzo(k)fluoranthene	15.28	252	421529	54.258	ng	# 95
89) Benzo(a)pyrene	15.65	252	537124	74.061	ng	# 94
90) Dibenzo(a,h)anthracene	17.32	278	254475	41.402	ng	# 92
91) Benzo(g,h,i)perylene	17.81	276	352837	58.732	ng	# 87

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

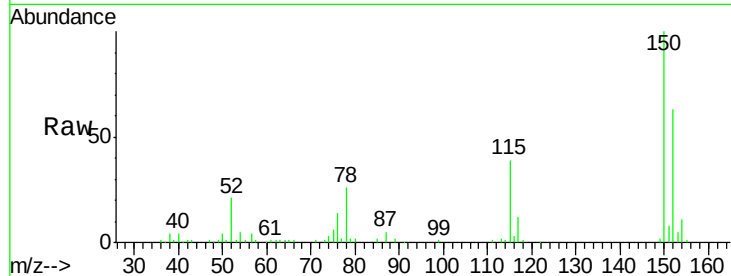


#1

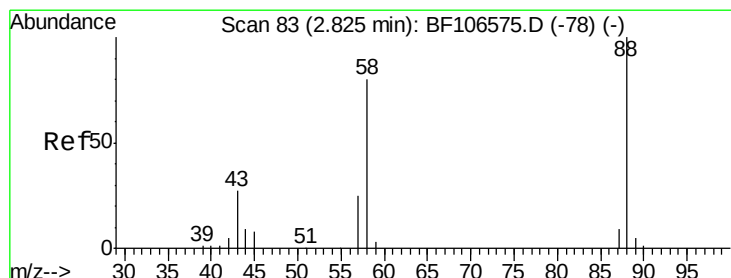
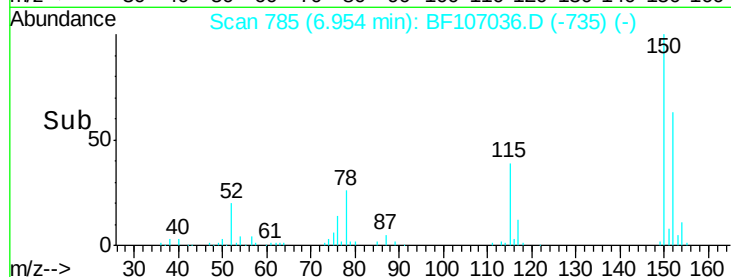
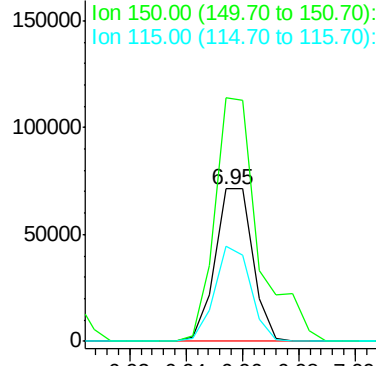
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

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

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



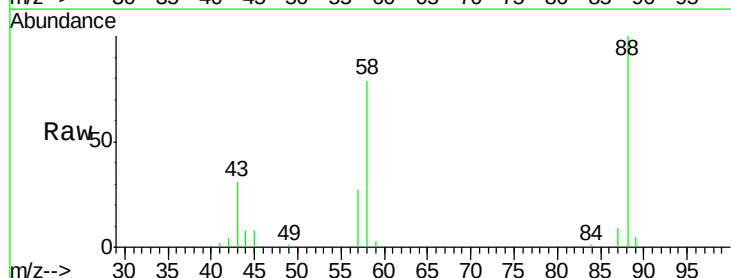
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



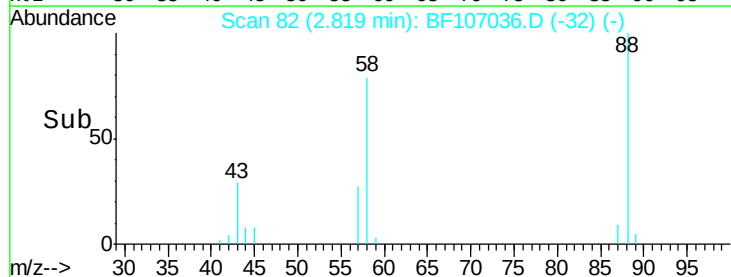
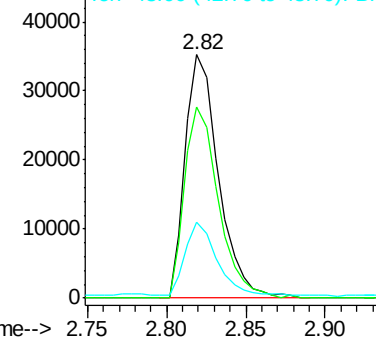
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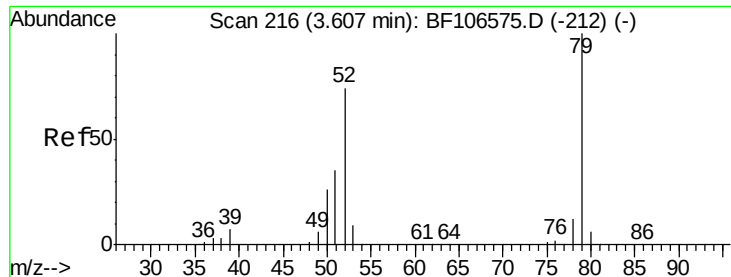
1,4-Dioxane
Concen: 25.841 ng
RT: 2.82 min Scan# 82
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

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

Pyridine

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

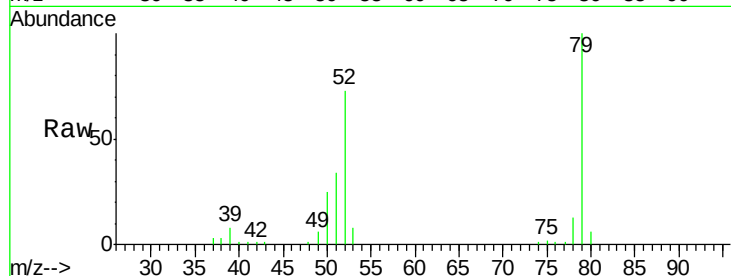
Tgt Ion: 79 Resp: 159046

Ion Ratio Lower Upper

79 100

52 72.7 59.8 89.6

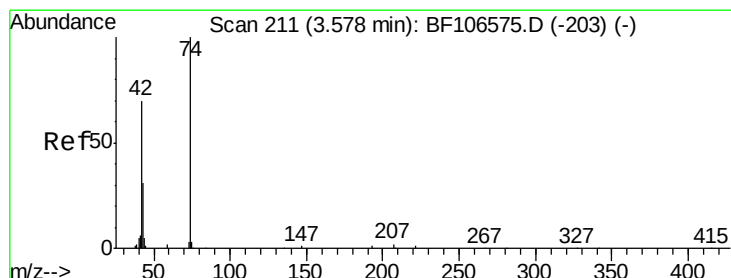
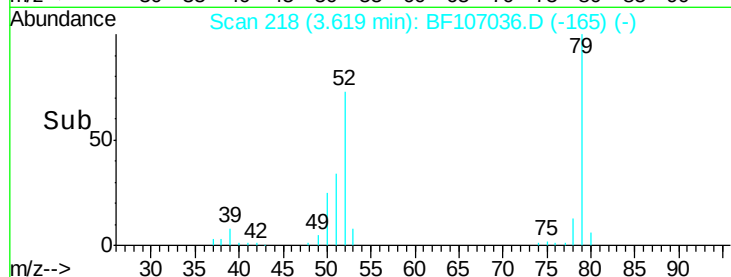
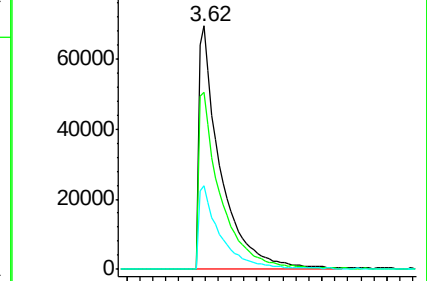
51 34.4 29.8 44.8



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

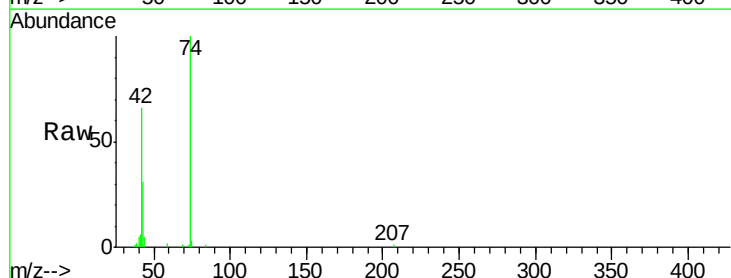
Tgt Ion: 42 Resp: 66584

Ion Ratio Lower Upper

42 100

74 151.1 104.9 157.3

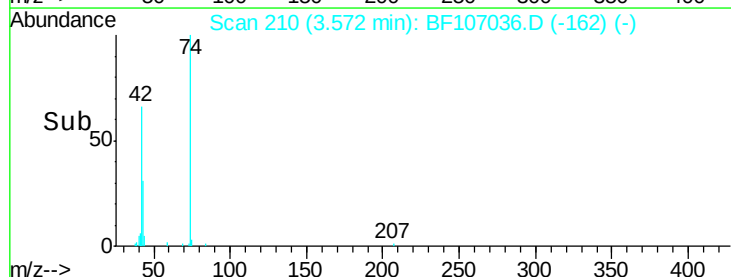
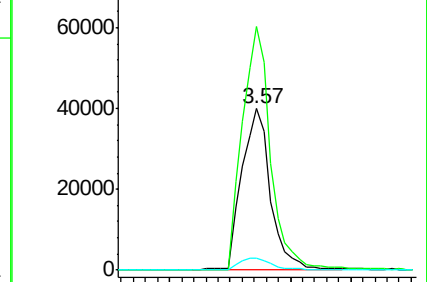
44 7.2 6.9 10.3

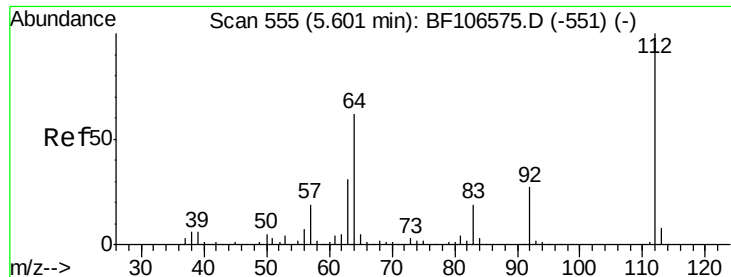


Abundance Ion 42.00 (41.70 to 42.70): BF1

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

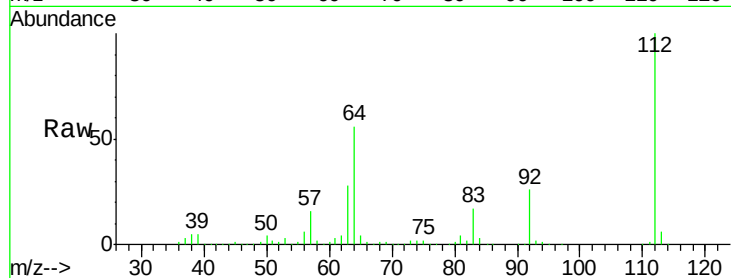
Tgt Ion: 112 Resp: 416605

Ion Ratio Lower Upper

112 100

64 55.8 47.9 71.9

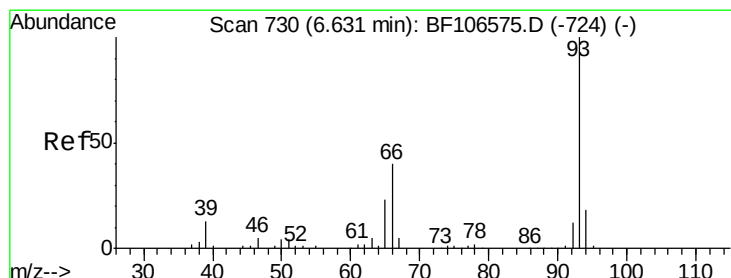
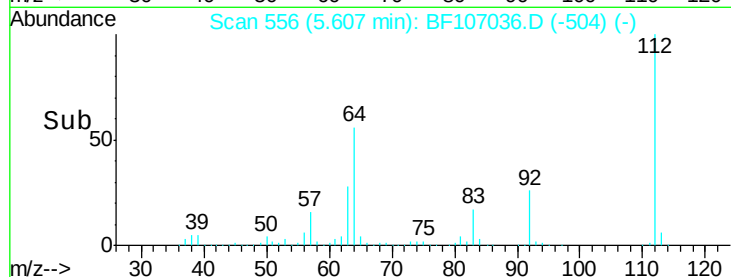
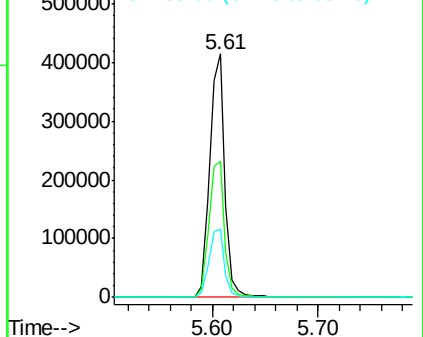
63 27.8 23.7 35.5



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

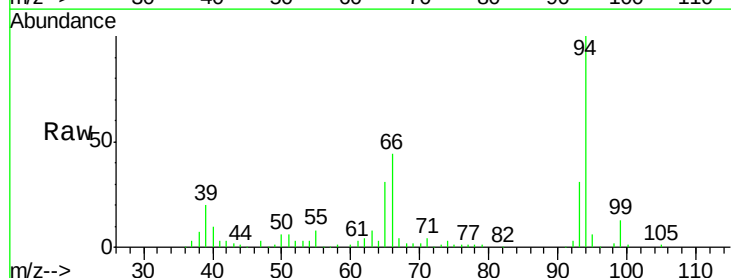
Tgt Ion: 93 Resp: 117617

Ion Ratio Lower Upper

93 100

66 140.9 32.2 48.2#

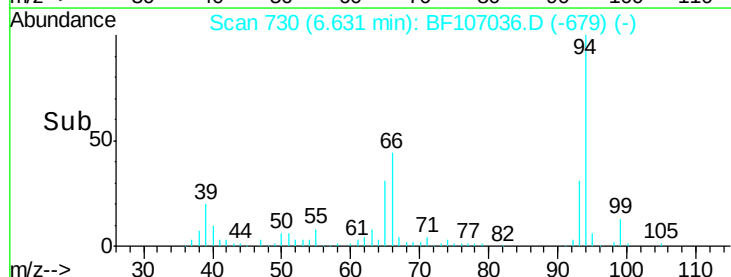
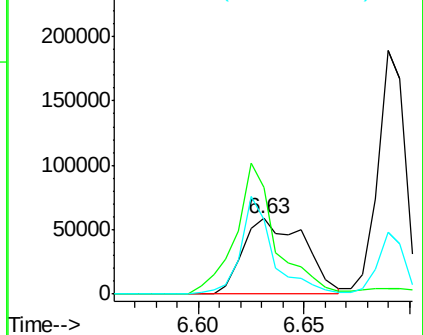
65 99.0 16.4 24.6#

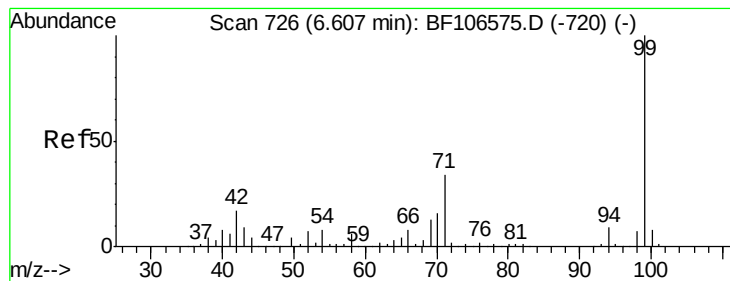


Abundance Ion 93.00 (92.70 to 93.70): BF1

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

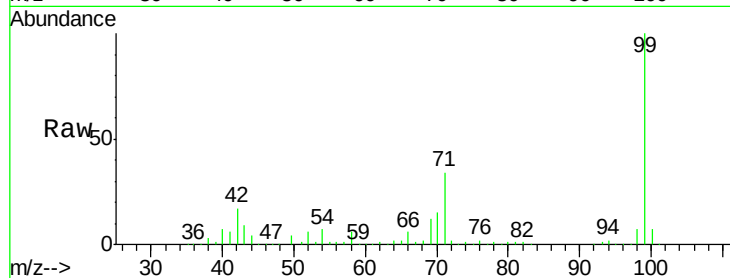
Tgt Ion: 99 Resp: 517270

Ion Ratio Lower Upper

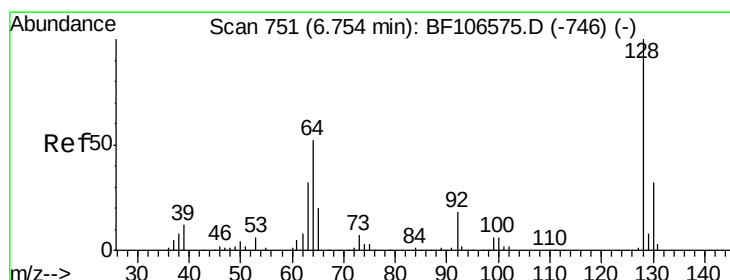
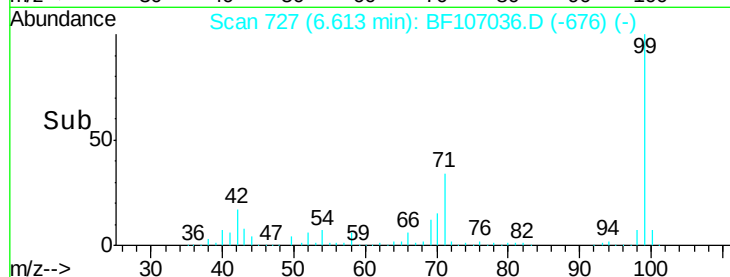
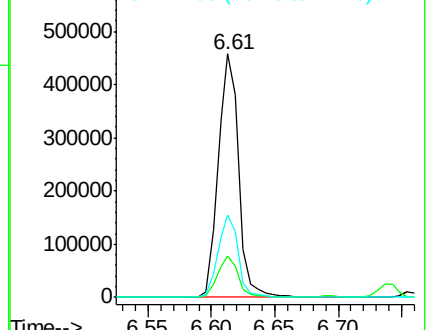
99 100

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

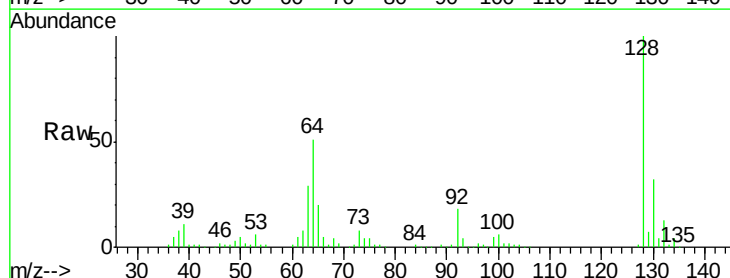
Tgt Ion: 128 Resp: 157127

Ion Ratio Lower Upper

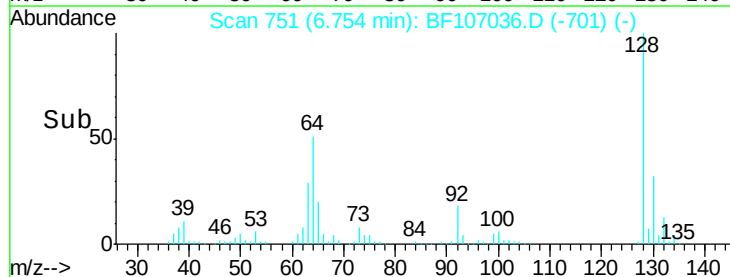
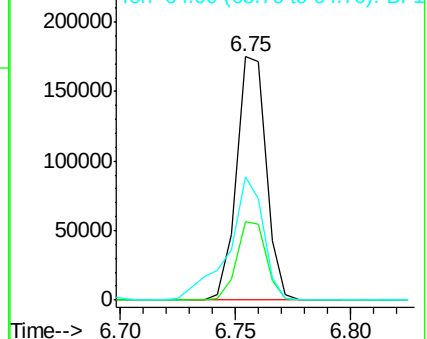
128 100

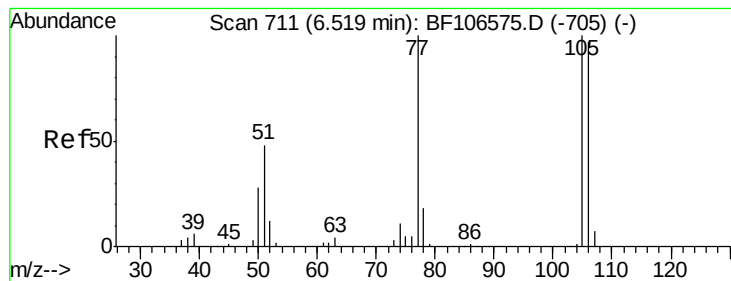
130 32.1 13.0 53.0

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

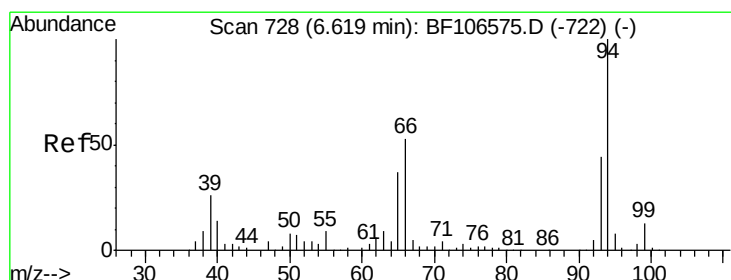
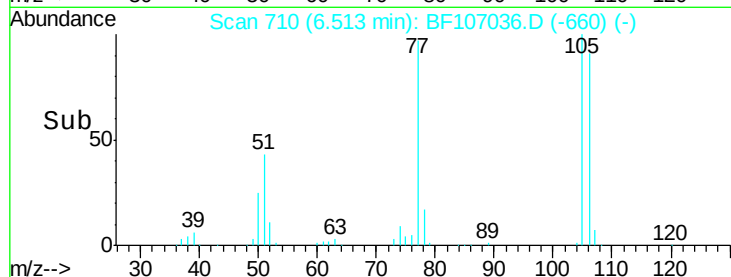
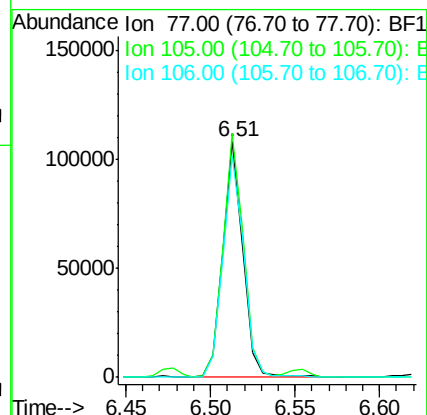
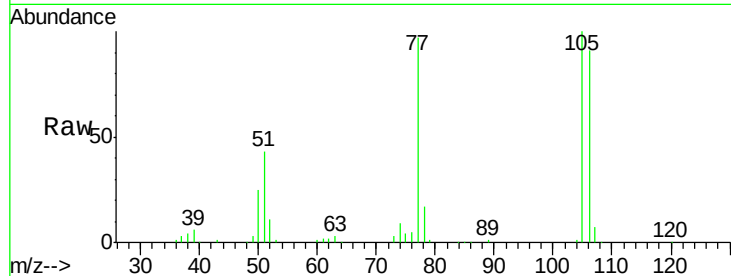
Tgt Ion: 77 Resp: 90505

Ion Ratio Lower Upper

77 100

105 103.3 81.1 121.1

106 94.1 74.5 114.5



#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

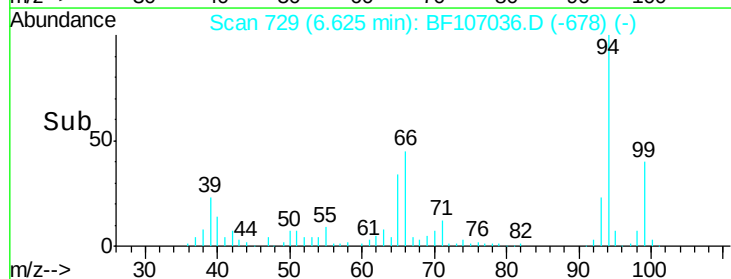
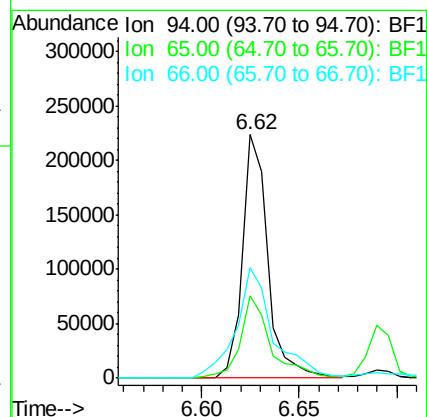
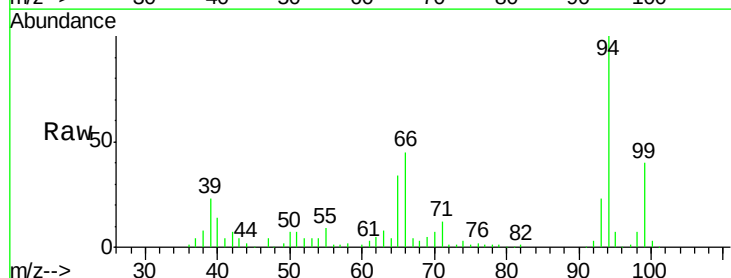
Tgt Ion: 94 Resp: 202580

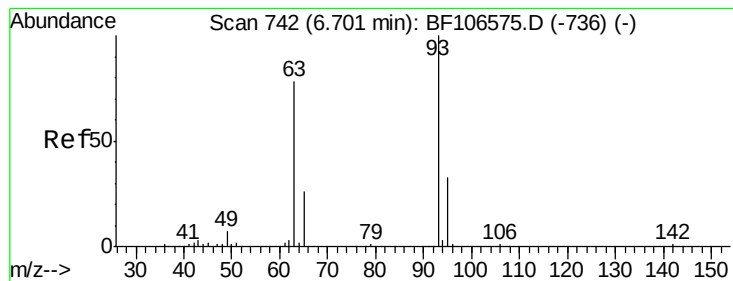
Ion Ratio Lower Upper

94 100

65 33.8 7.9 47.9

66 45.5 16.2 56.2

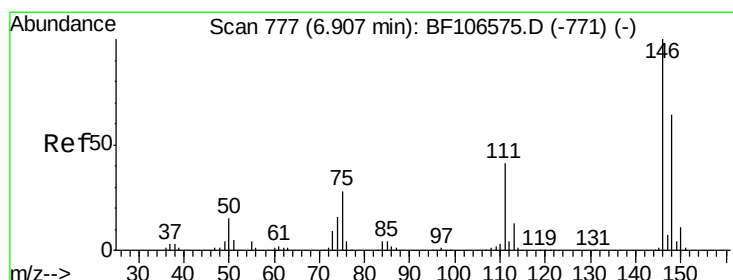
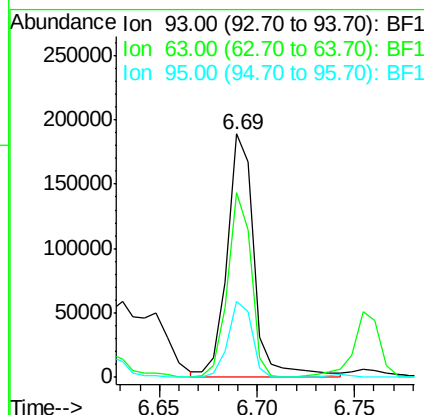
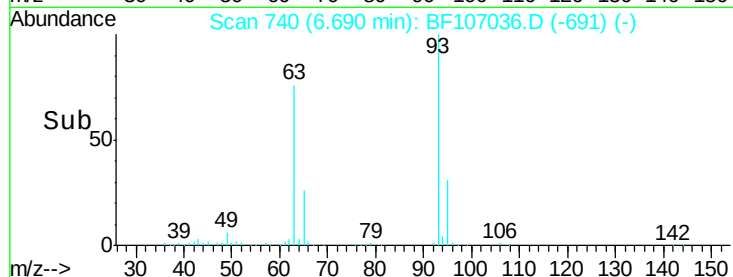
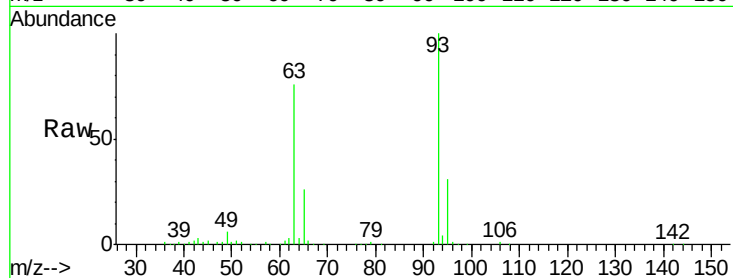




#11
 bis(2-Chloroethyl)ether
 Concen: 39.591 ng
 RT: 6.69 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF107036.D
 Acq: 2 Jul 2018 11:28

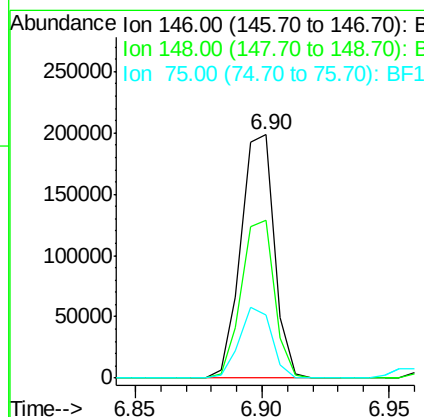
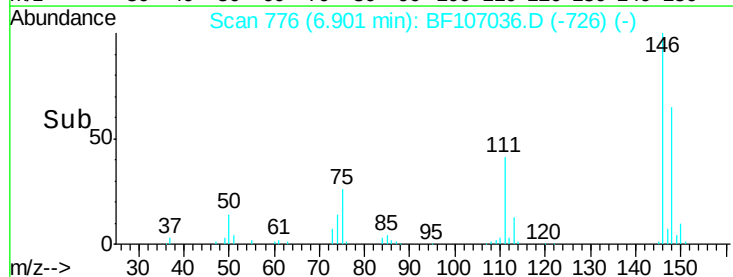
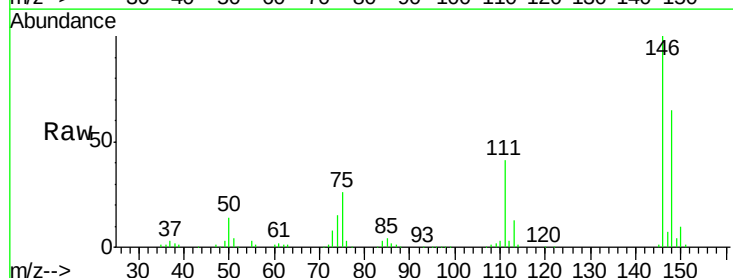
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MSD

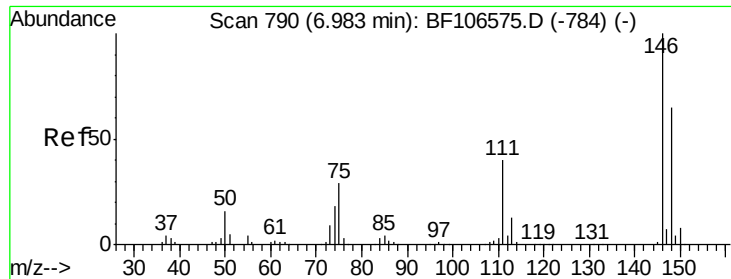
Tgt Ion: 93 Resp: 181870
 Ion Ratio Lower Upper
 93 100
 63 76.1 58.6 98.6
 95 31.2 11.8 51.8



#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

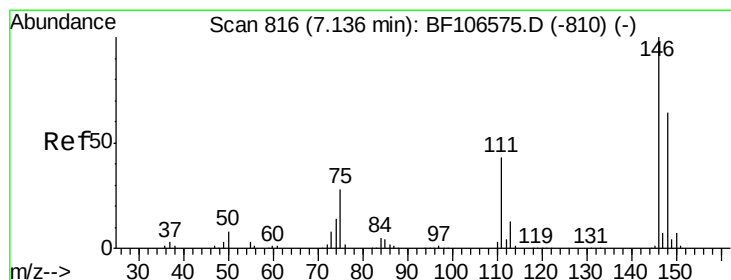
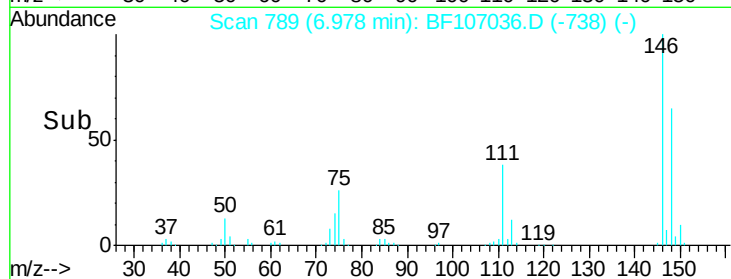
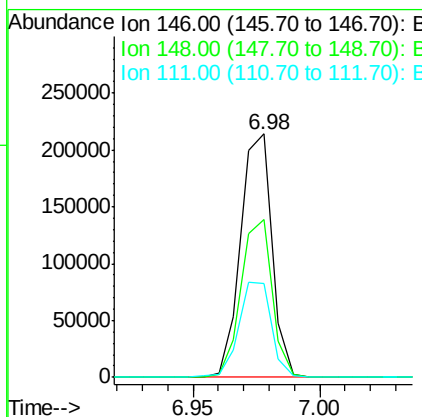
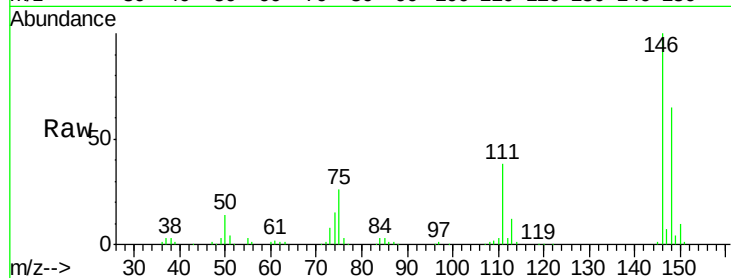




#13
 1,4-Dichlorobenzene
 Concen: 36.269 ng
 RT: 6.98 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF107036.D
 Acq: 2 Jul 2018 11:28

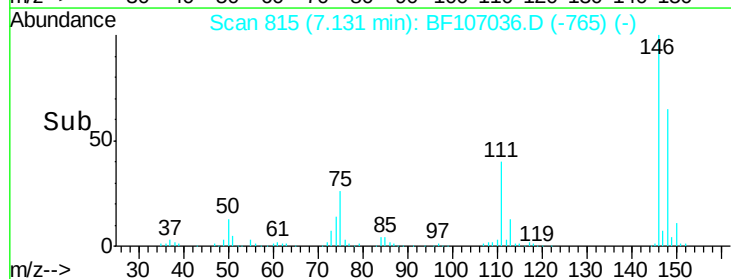
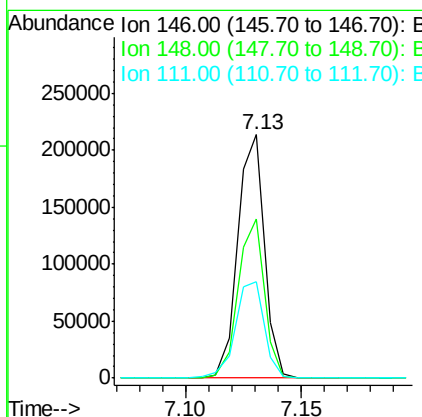
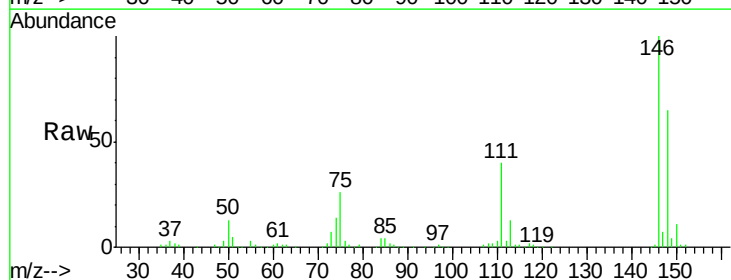
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MSD

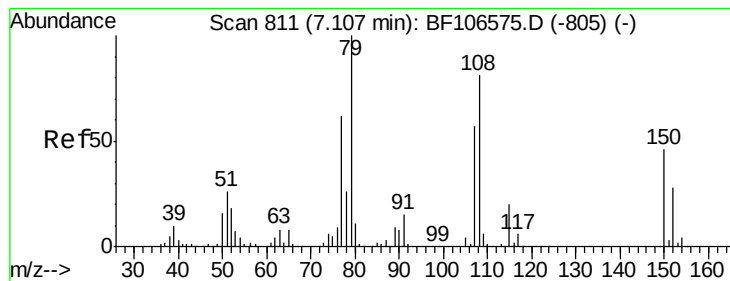
Tgt Ion:146 Resp: 183910
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.8 76.2
 111 38.5 34.2 51.2



#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





#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

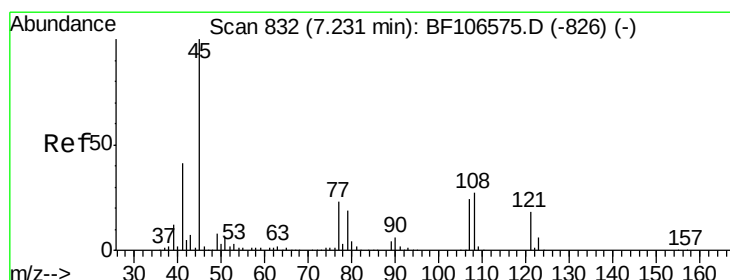
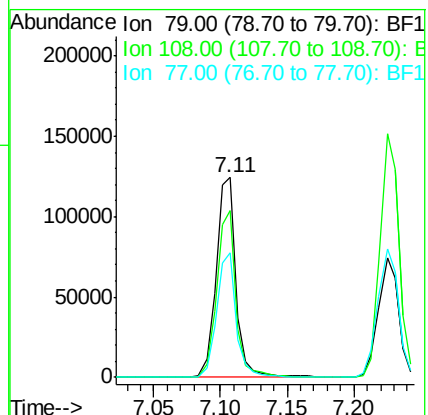
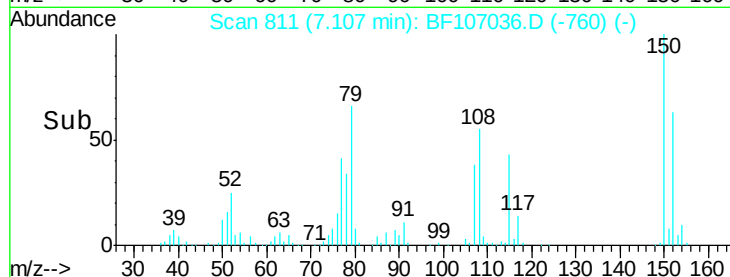
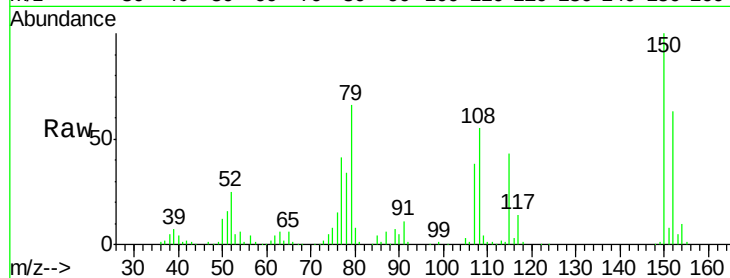
Tgt Ion: 79 Resp: 130457

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

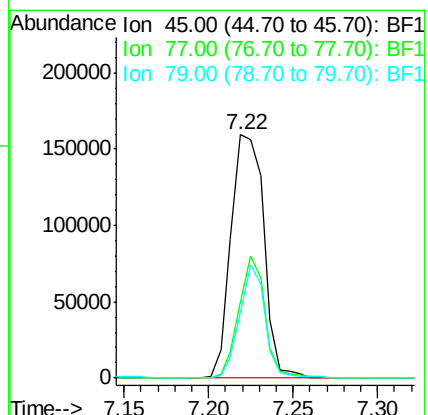
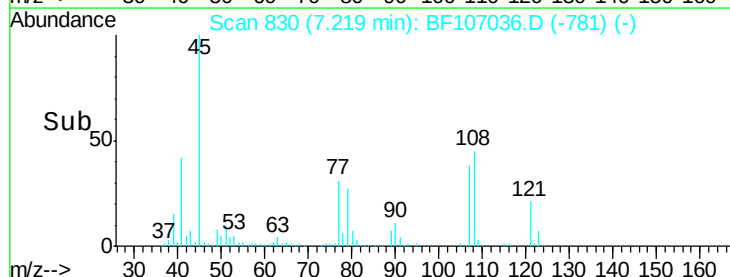
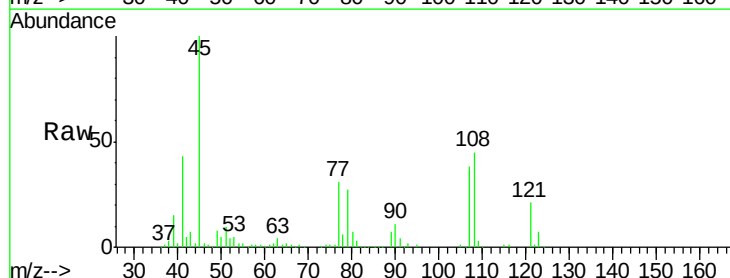
Tgt Ion: 45 Resp: 215434

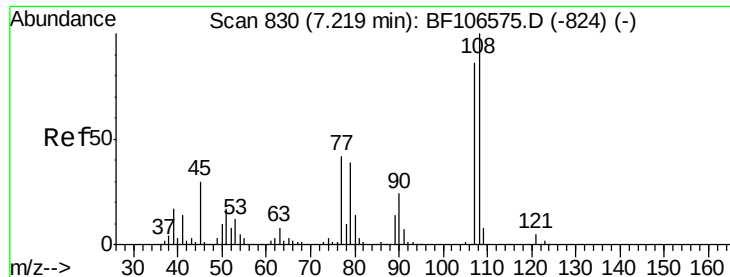
Ion Ratio Lower Upper

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

Tgt Ion:107 Resp: 132085

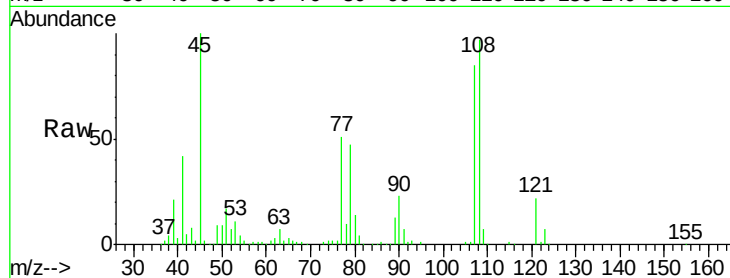
Ion Ratio Lower Upper

107 100

108 114.0 91.7 137.5

77 59.9 33.8 50.8#

79 55.8 33.8 50.8#

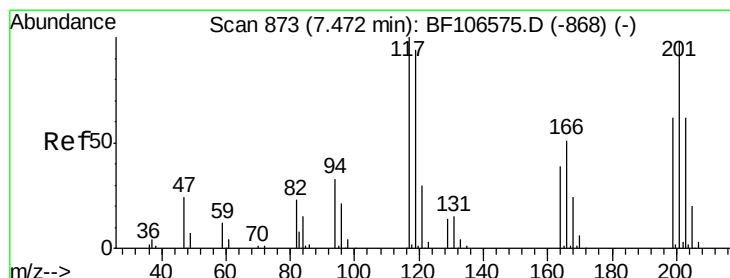
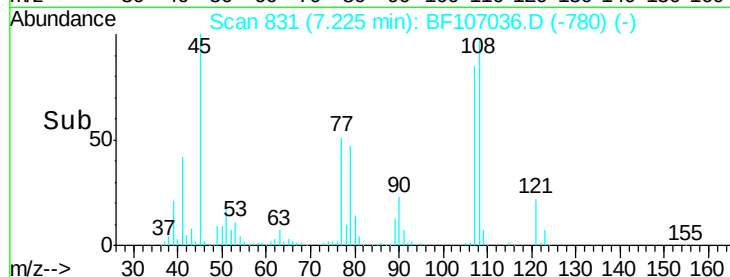
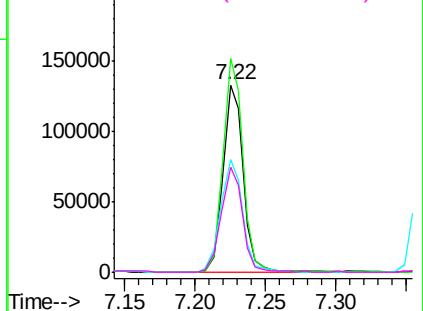


Abundance Ion 107.00 (106.70 to 107.70): E

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

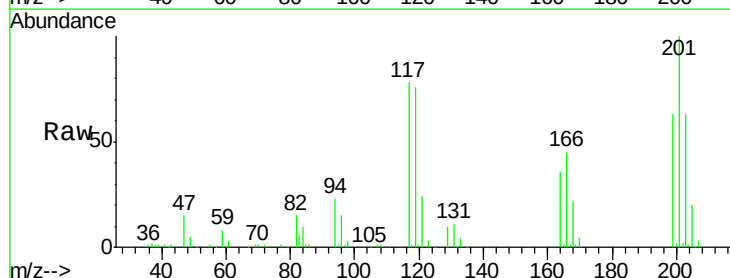
Tgt Ion:117 Resp: 54661

Ion Ratio Lower Upper

117 100

119 96.8 75.8 113.8

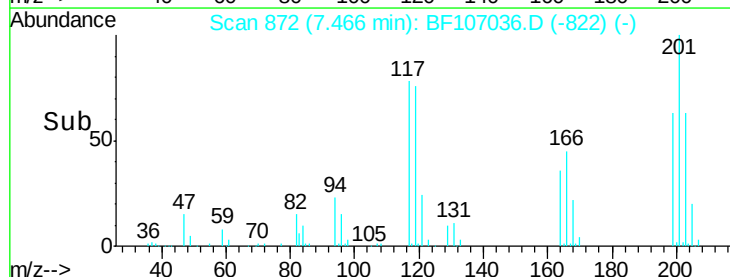
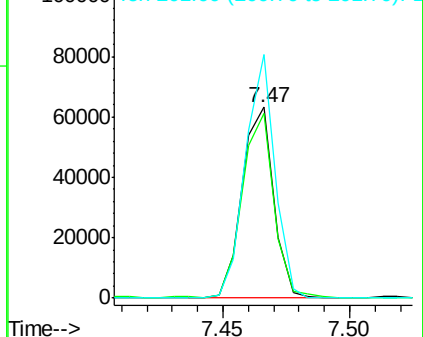
201 127.7 75.7 113.5#

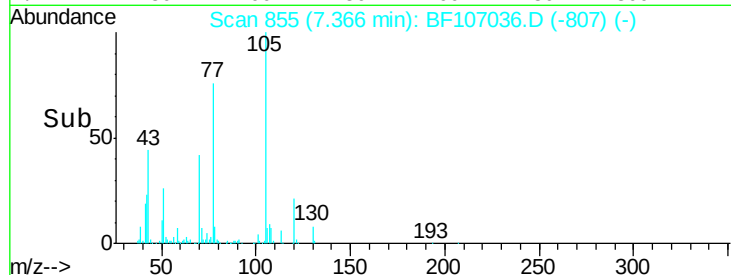
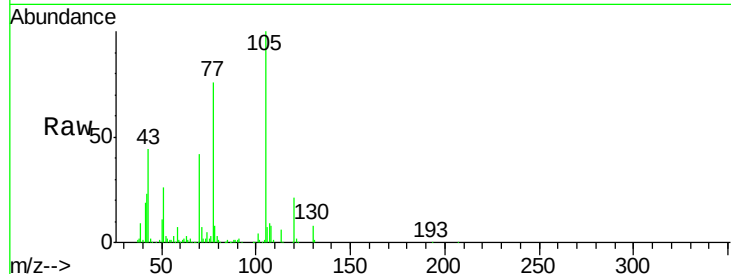
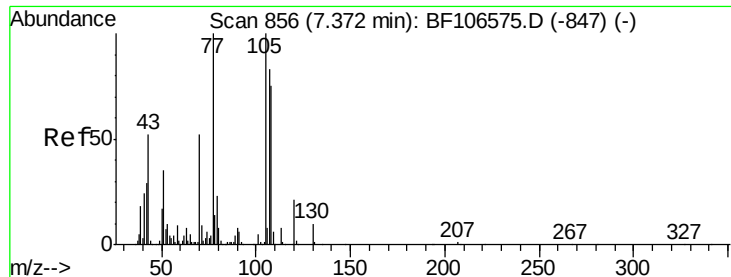


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

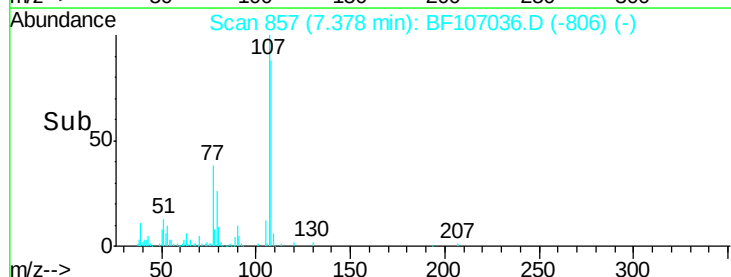
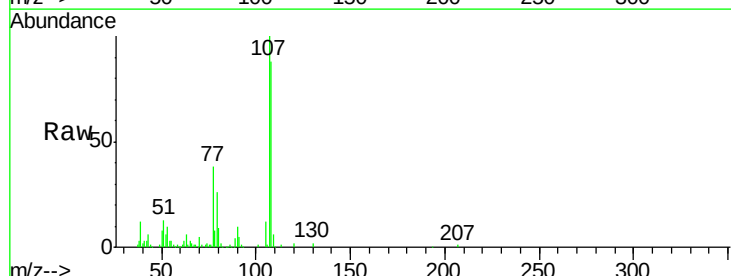
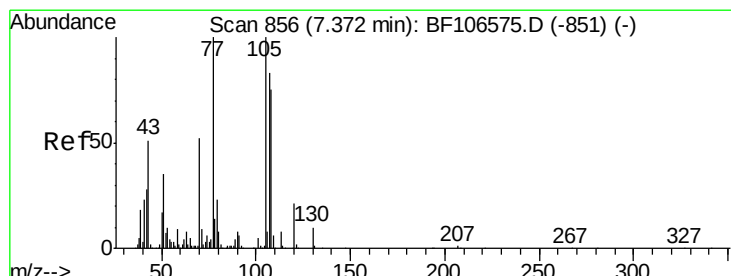
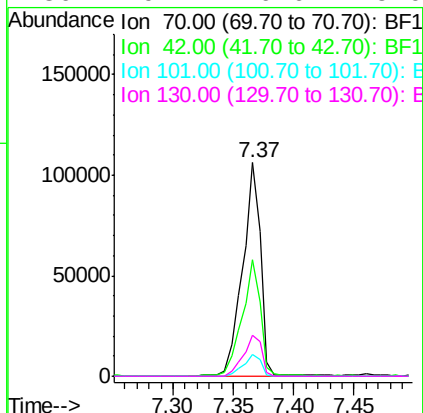




#19
n-Nitroso-di-n-propylamine
Concen: 34.571 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

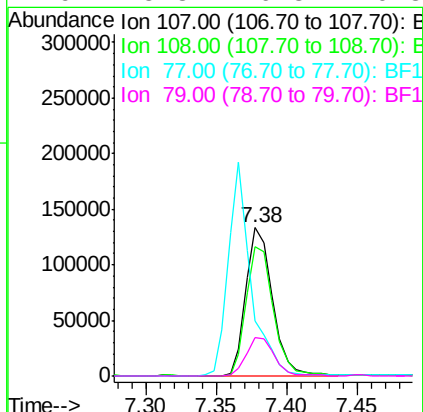
Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

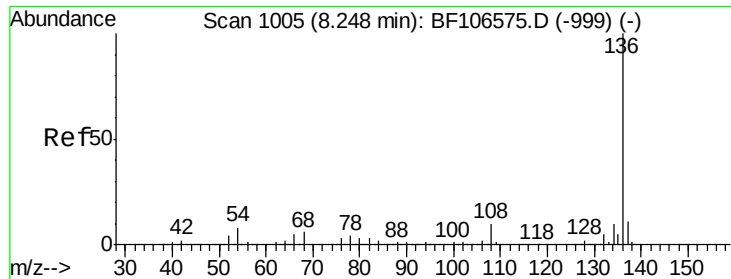
Tgt Ion:	70	Resp:	111110
Ion	Ratio	Lower	Upper
70	100		
42	54.5	47.5	71.3
101	10.1	7.4	11.2
130	19.4	16.6	25.0



#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

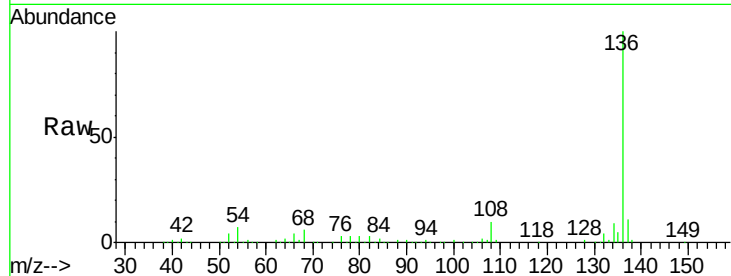




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

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

Tgt 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

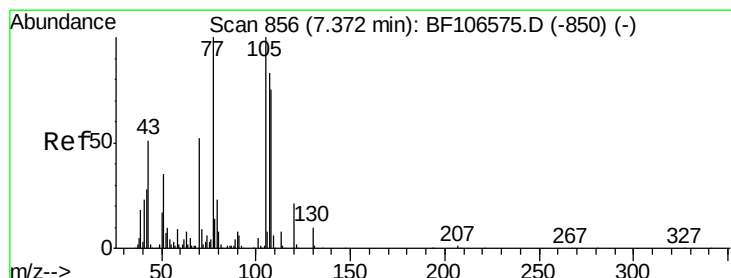
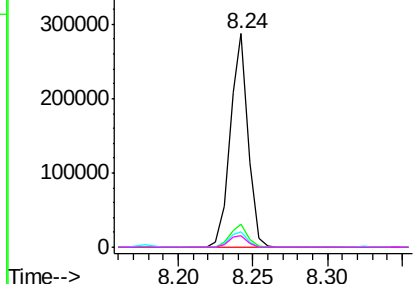
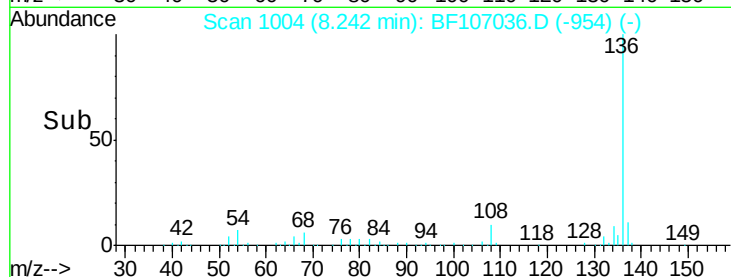


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

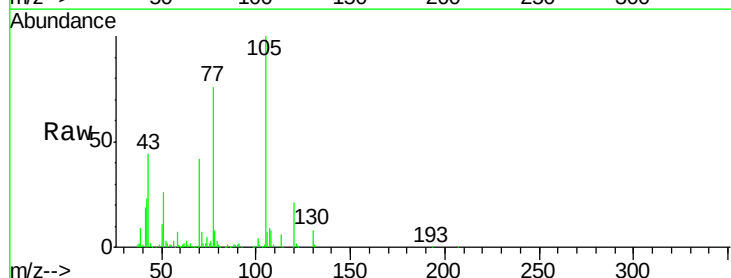
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 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

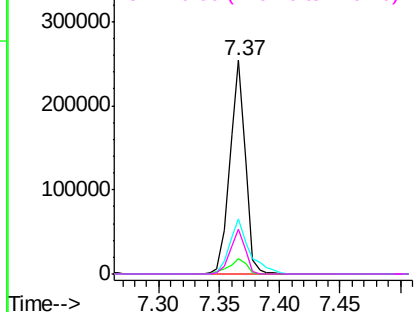
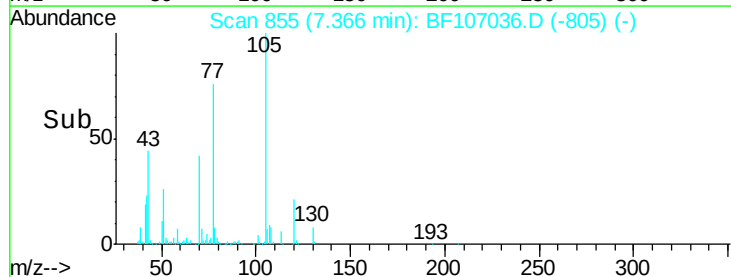


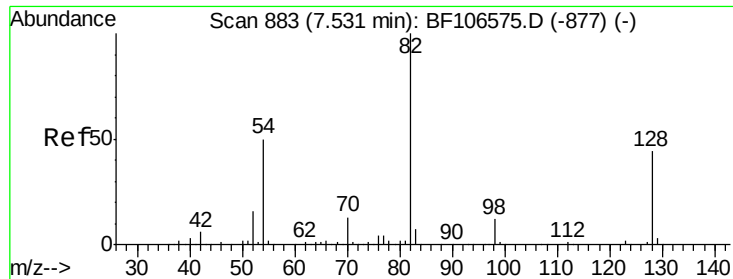
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

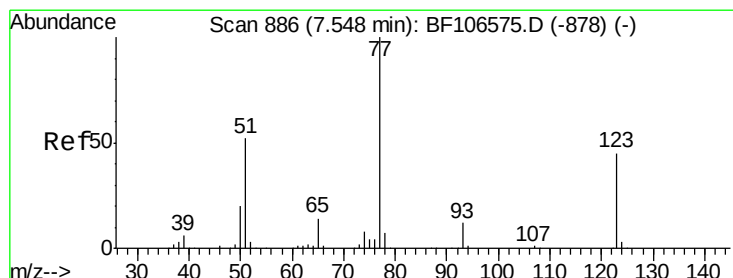
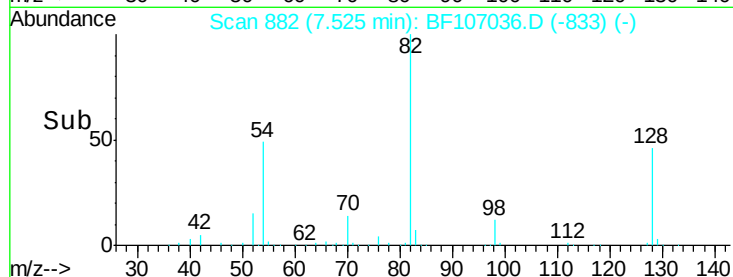
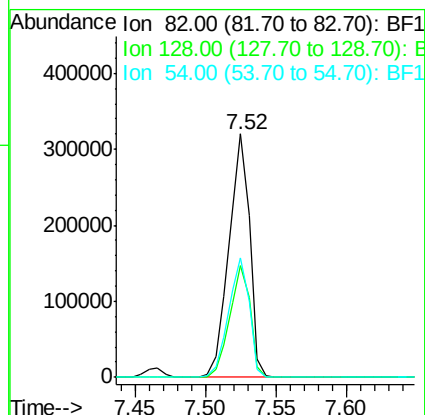
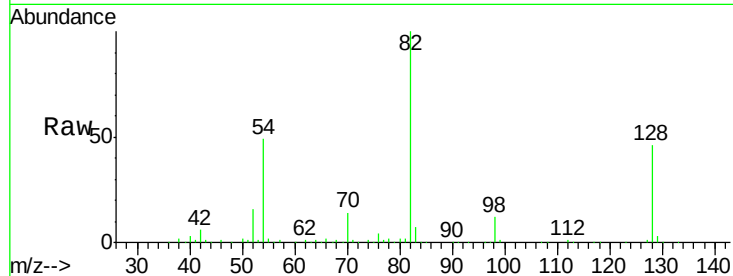




#23
 Nitrobenzene-d5
 Concen: 74.544 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF107036.D
 Acq: 2 Jul 2018 11:28

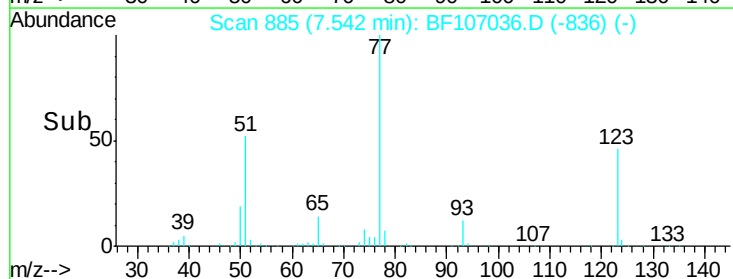
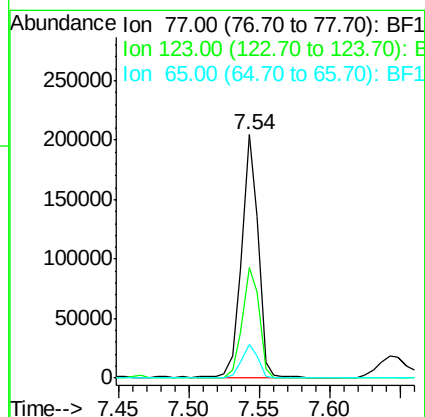
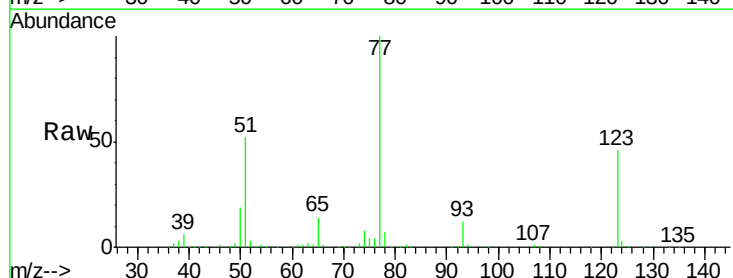
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MSD

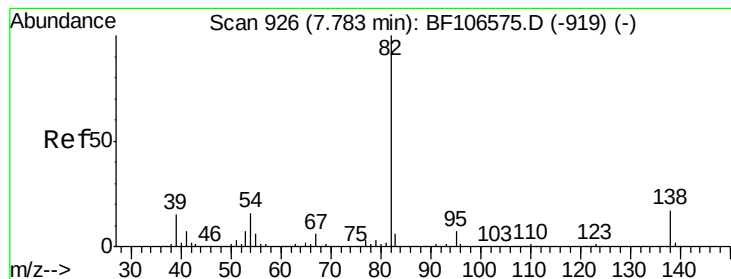
Tgt Ion: 82 Resp: 326365
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.1 54.1
 54 49.2 41.4 62.2



#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

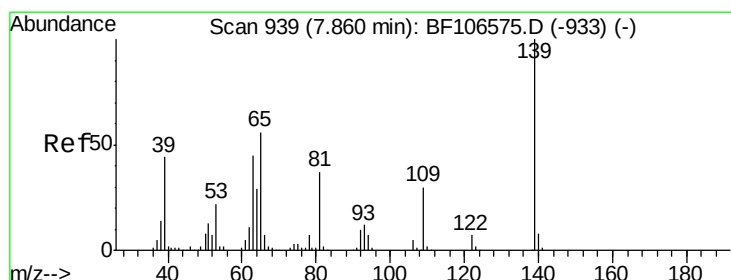
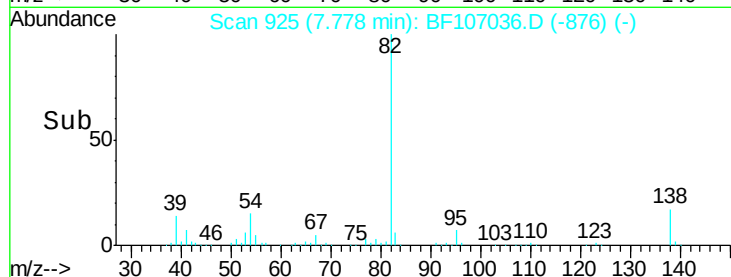
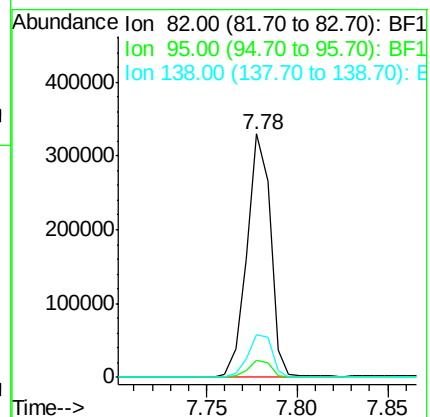
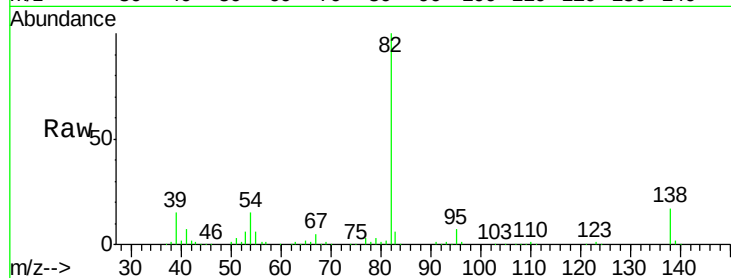
Tgt Ion: 82 Resp: 299984

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

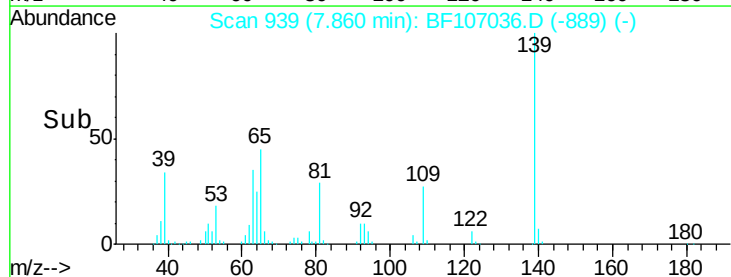
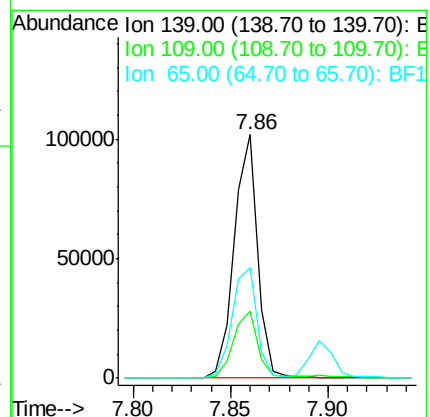
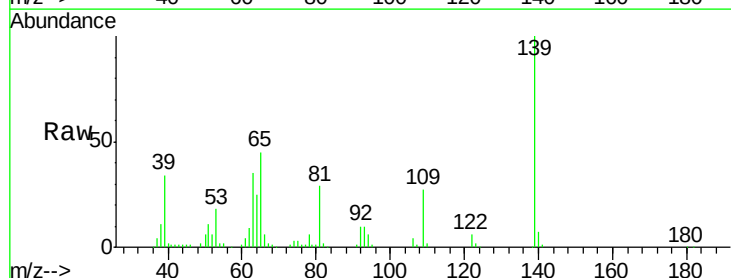
Tgt Ion: 139 Resp: 84710

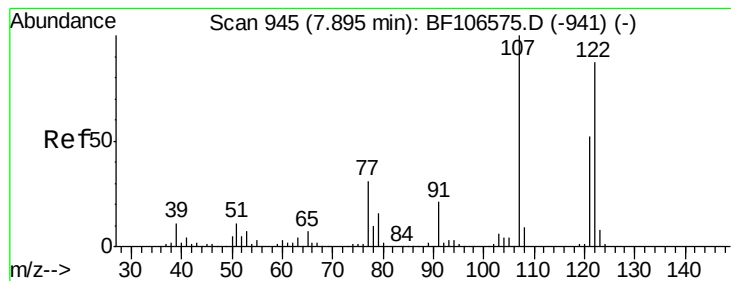
Ion Ratio Lower Upper

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

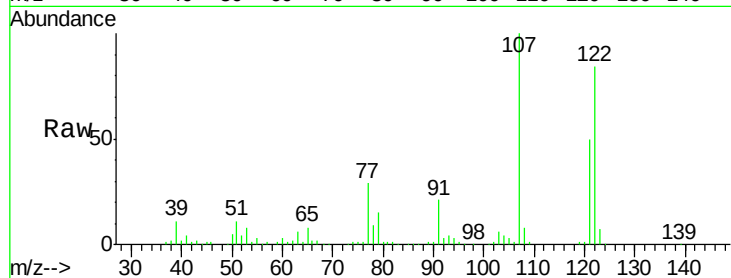
Tgt Ion:122 Resp: 144928

Ion Ratio Lower Upper

122 100

107 118.4 91.2 136.8

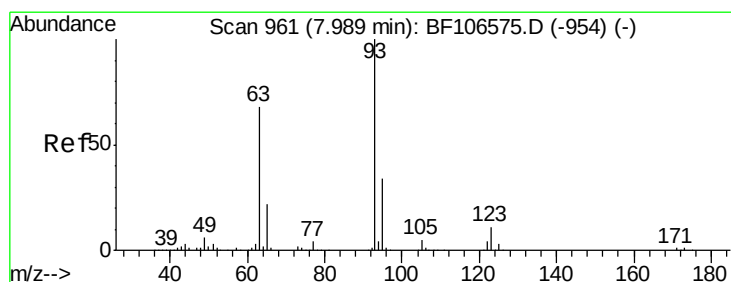
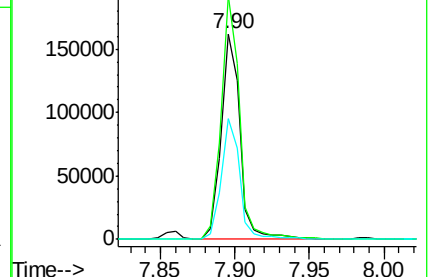
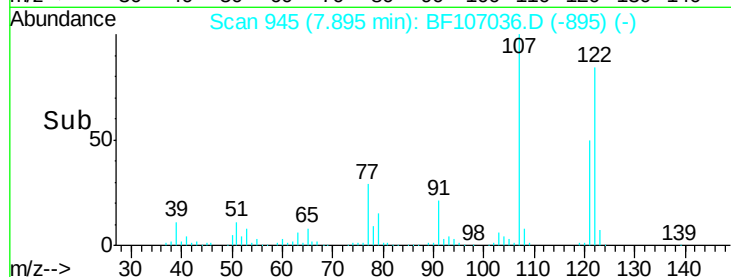
121 58.8 47.2 70.8



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

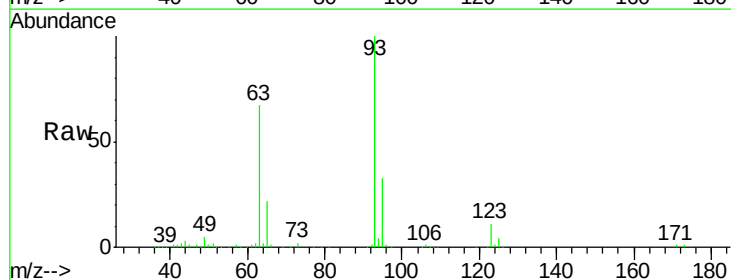
Tgt Ion: 93 Resp: 194181

Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

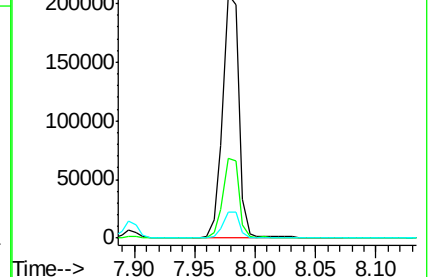
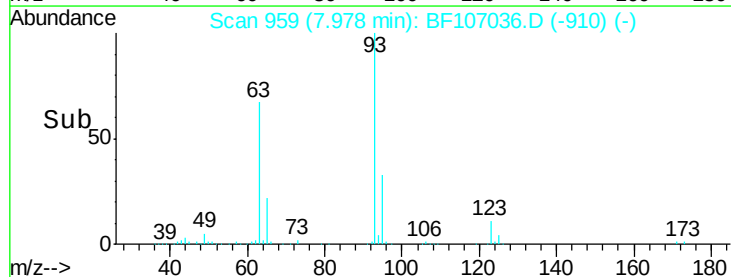
123 10.8 9.8 14.6

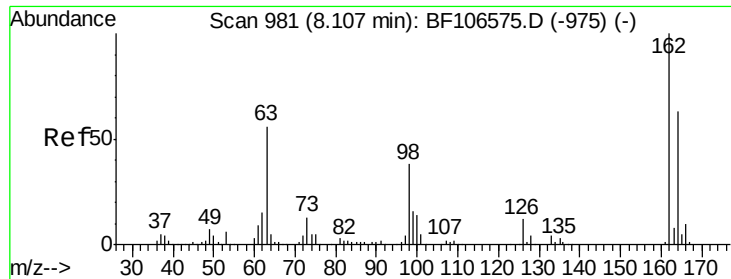


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

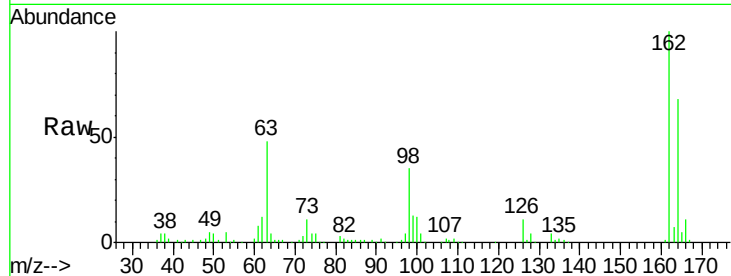




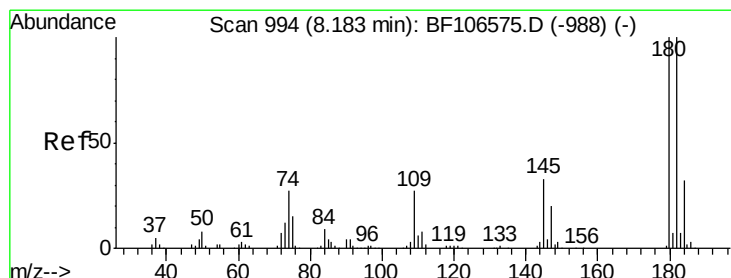
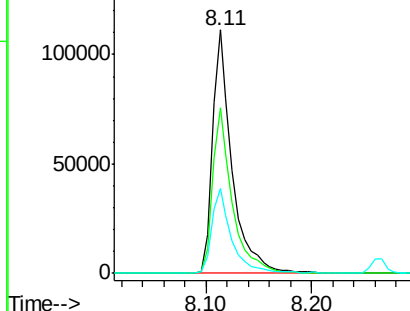
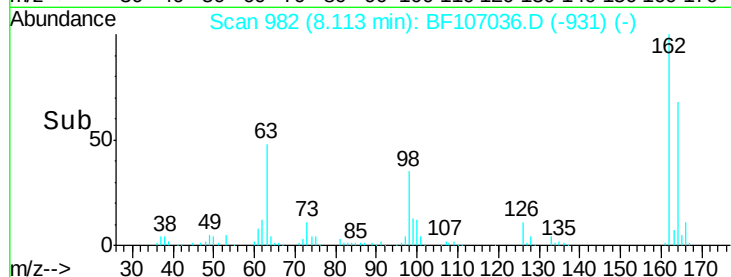
#29
2,4-Dichlorophenol
Concen: 42.311 ng
RT: 8.11 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

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

Tgt Ion	Resp	Lower	Upper
162	100		
164	67.9	42.7	82.7
98	35.0	18.1	58.1

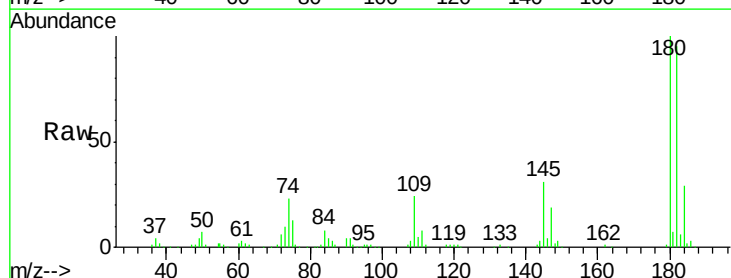


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

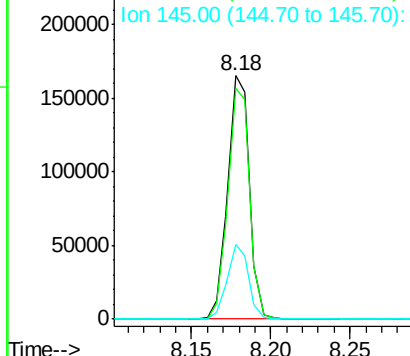
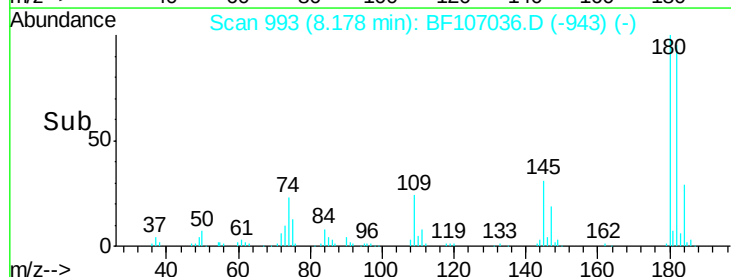


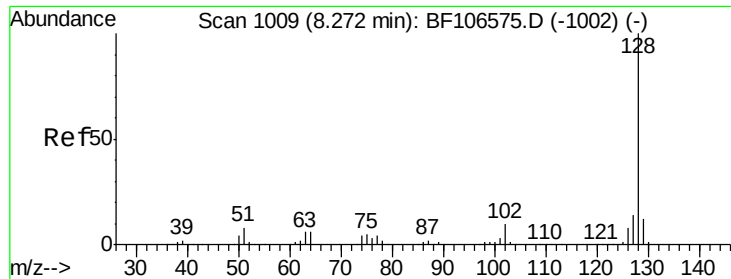
#30
1,2,4-Trichlorobenzene
Concen: 41.817 ng
RT: 8.18 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

Tgt Ion	Resp	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

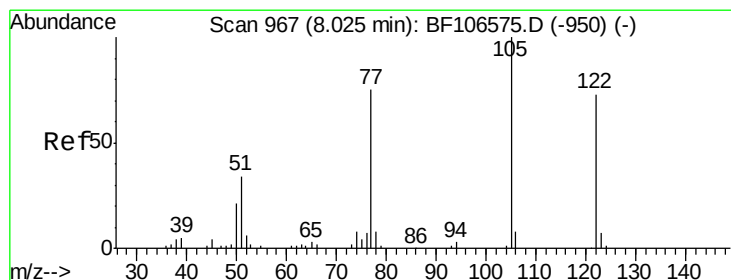
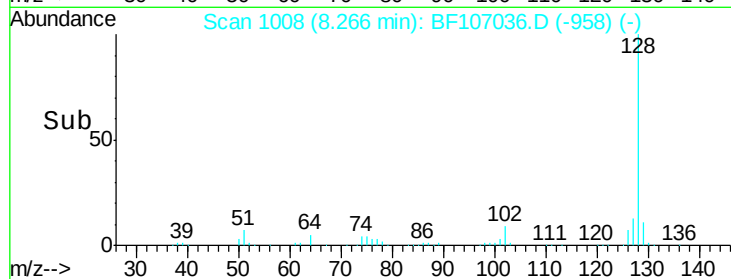
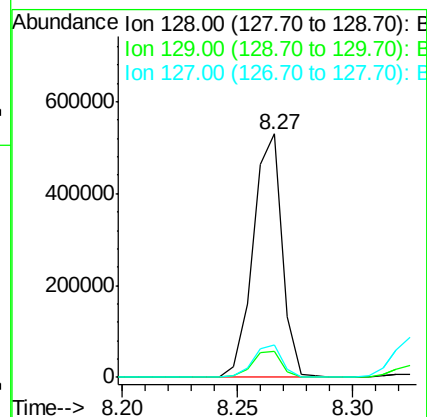
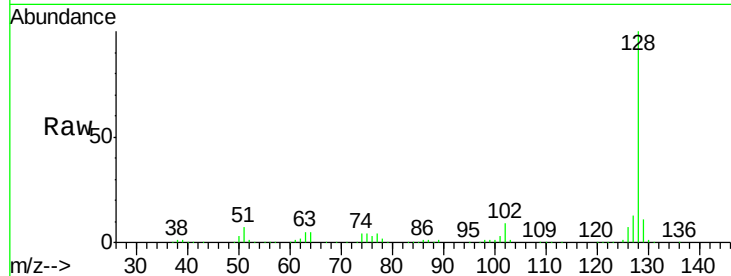




#31
Naphthalene
Concen: 41.058 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

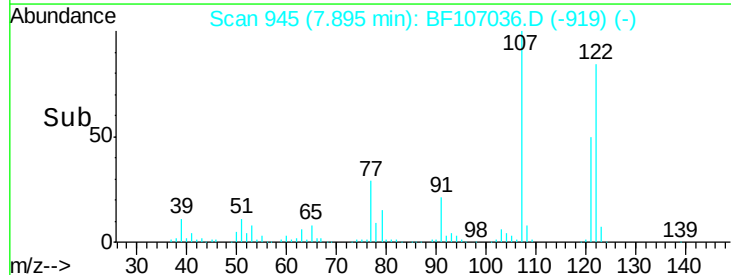
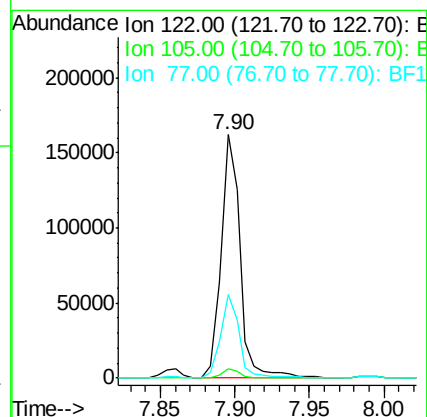
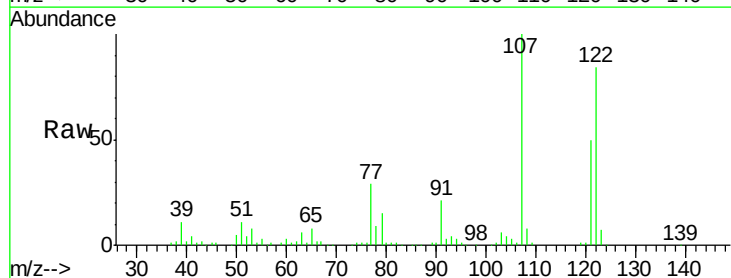
Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

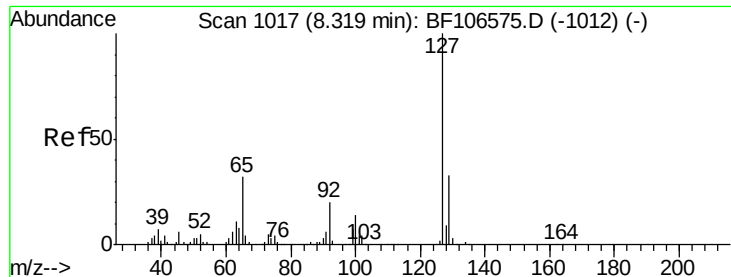
Tgt Ion:128 Resp: 467053
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.3 10.9 16.3



#32
Benzoic acid
Concen: 59.527 ng
RT: 7.90 min Scan# 945
Delta R.T. -0.15 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

Tgt Ion:122 Resp: 144928
Ion Ratio Lower Upper
122 100
105 3.7 101.1 141.1#
77 34.6 70.7 110.7#

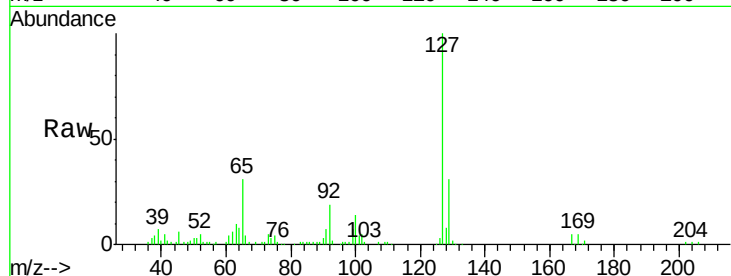




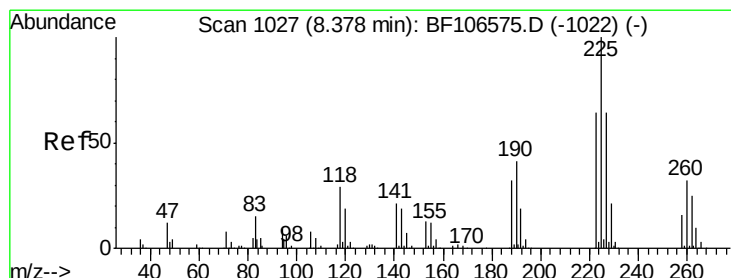
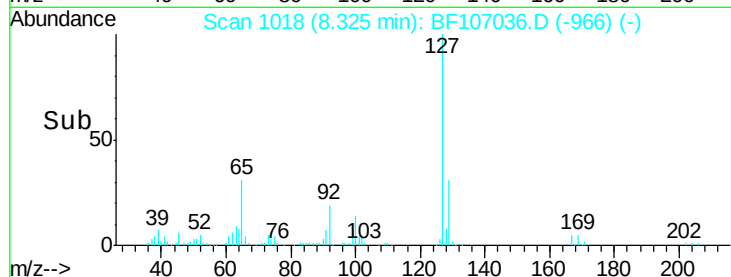
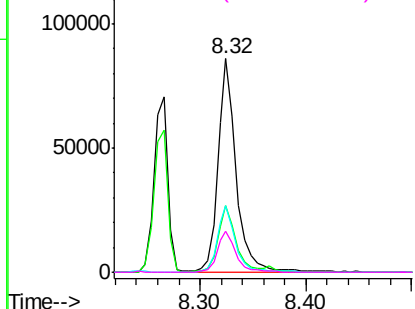
#33
4-Chloroaniline
Concen: 21.857 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

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

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

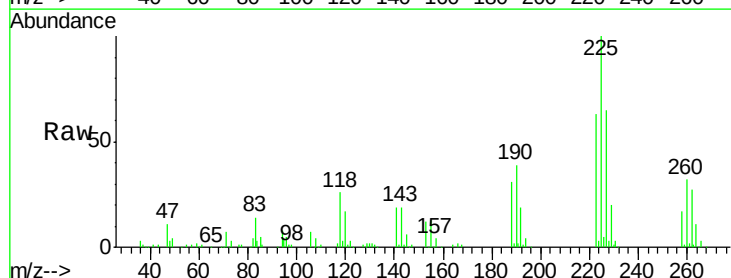


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

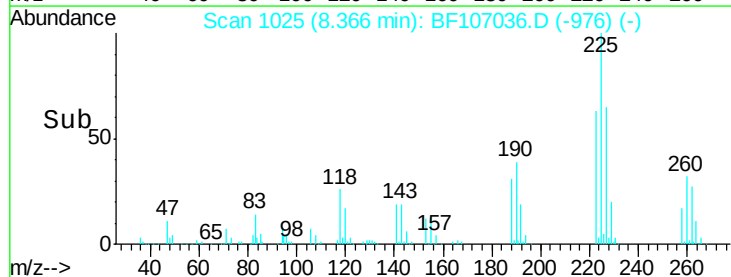
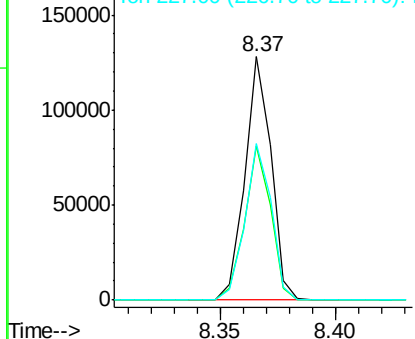


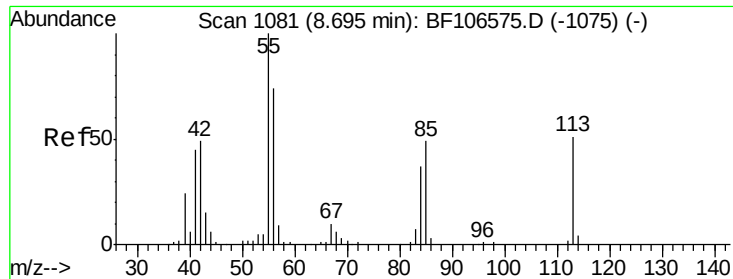
#34
Hexachlorobutadiene
Concen: 41.367 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

Tgt 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

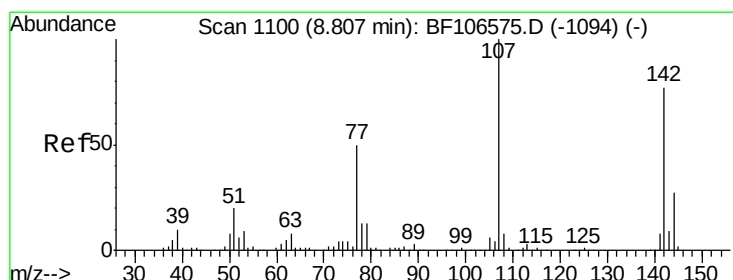
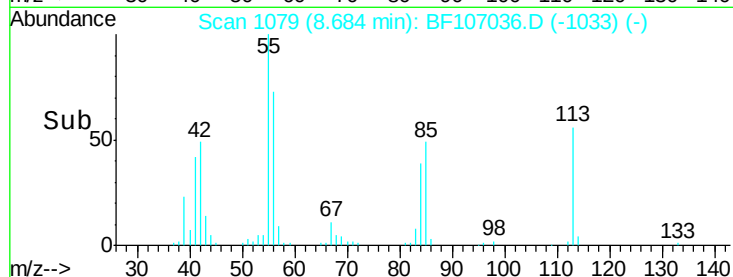
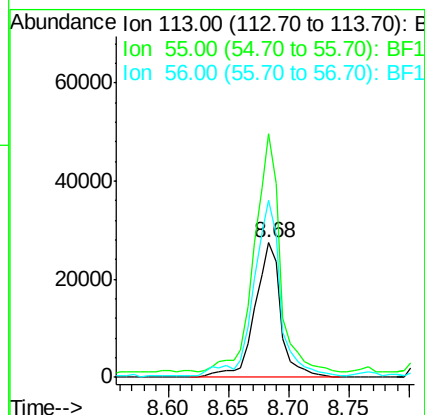
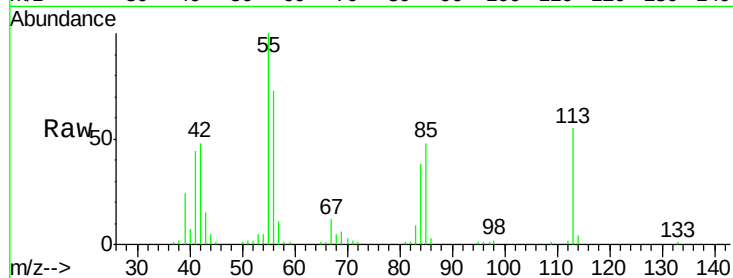




#35
 Caprolactam
 Concen: 37.106 ng
 RT: 8.68 min Scan# 1079
 Delta R.T. -0.03 min
 Lab File: BF107036.D
 Acq: 2 Jul 2018 11:28

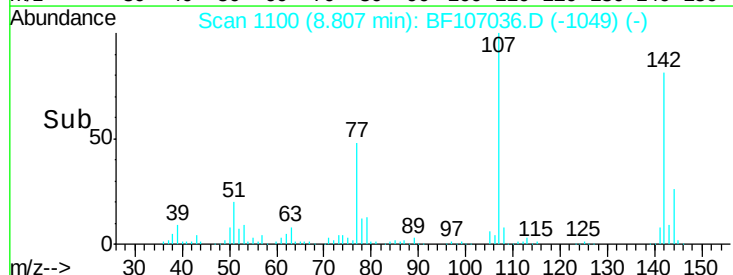
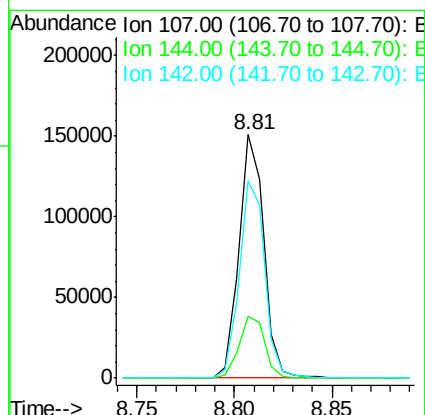
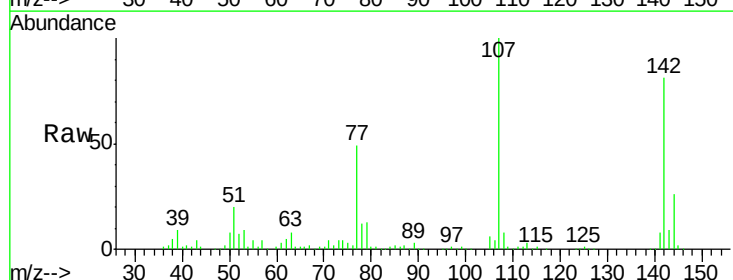
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MSD

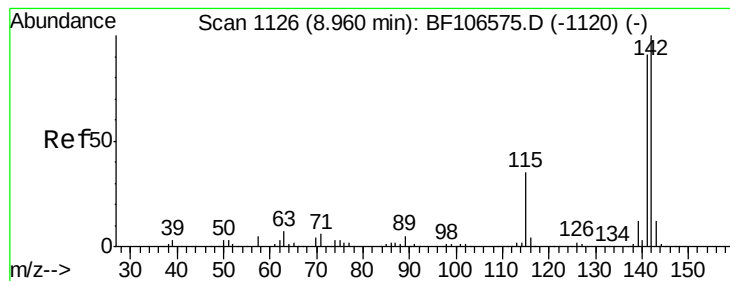
Tgt Ion:113 Resp: 41300
 Ion Ratio Lower Upper
 113 100
 55 181.2 163.3 203.3
 56 131.6 115.7 155.7



#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

Tgt 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

Instrument :

BNA_F

ClientSampleId :

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

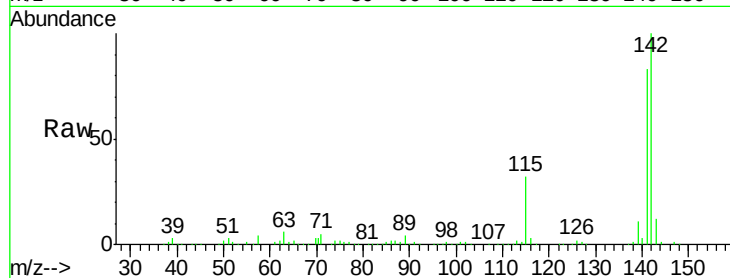
Tgt Ion:142 Resp: 329207

Ion Ratio Lower Upper

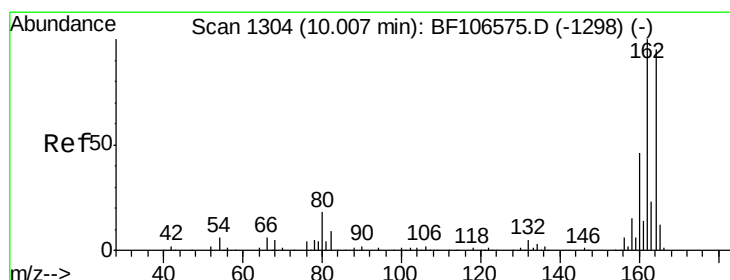
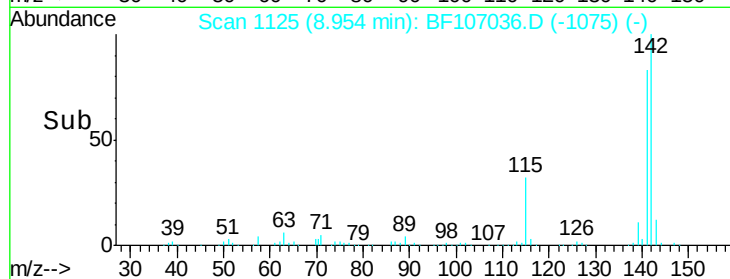
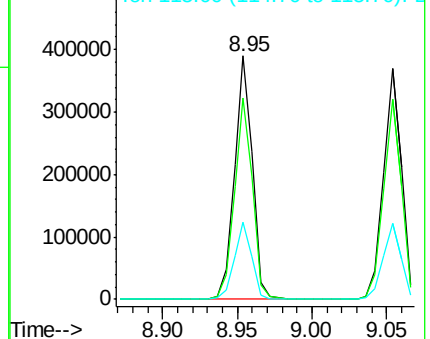
142 100

141 82.7 70.8 106.2

115 31.5 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#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

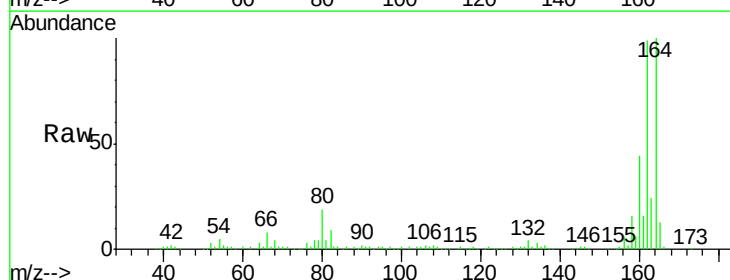
Tgt Ion:164 Resp: 108595

Ion Ratio Lower Upper

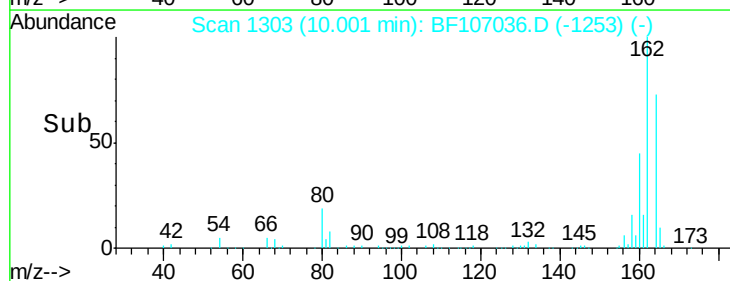
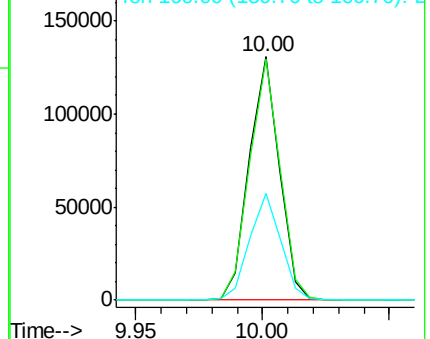
164 100

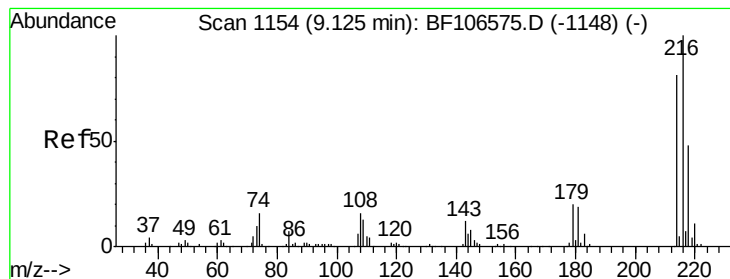
162 99.2 86.1 129.1

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

Instrument :

BNA_F

ClientSampleId :

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

Tgt Ion:216 Resp: 168505

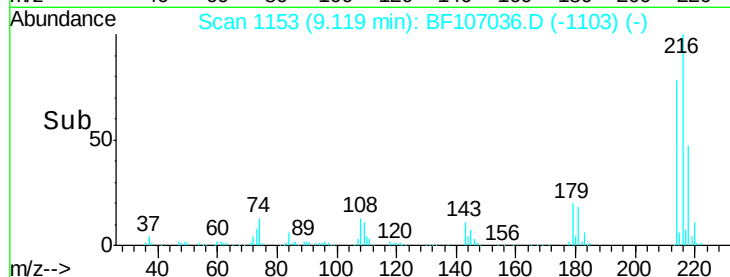
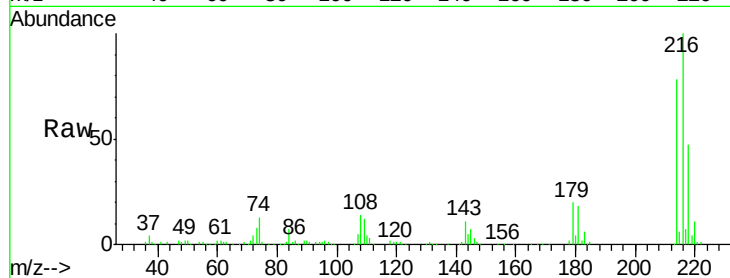
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.4

179 19.7 18.1 27.1

108 13.7 17.2 25.8#

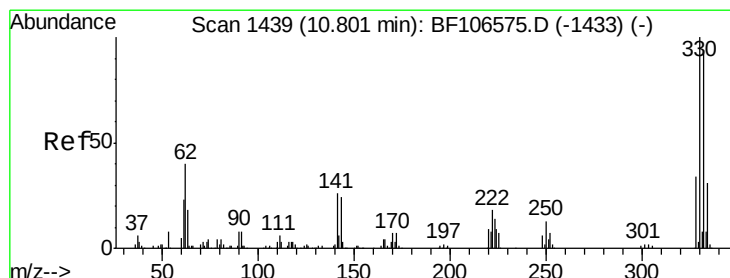
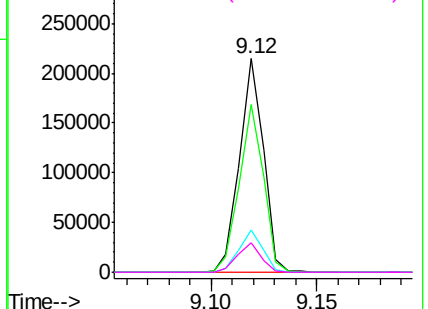


Abundance Ion 216.00 (215.70 to 216.70): E

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

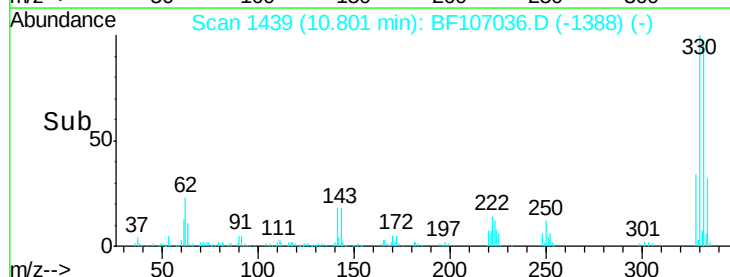
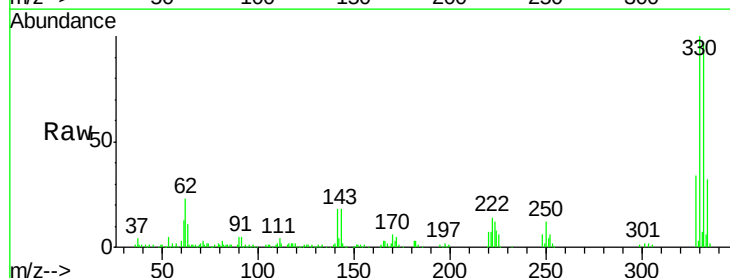
Tgt Ion:330 Resp: 146148

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

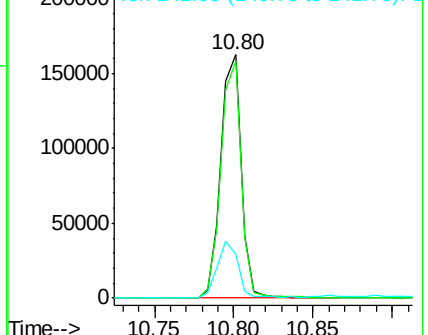
141 23.7 29.9 44.9#

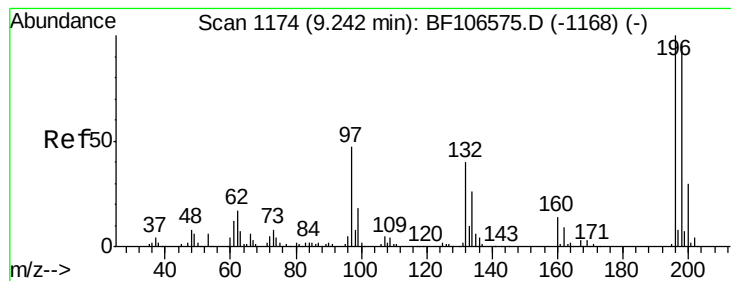


Abundance Ion 329.80 (329.50 to 330.50): E

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

Instrument :

BNA_F

ClientSampleId :

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

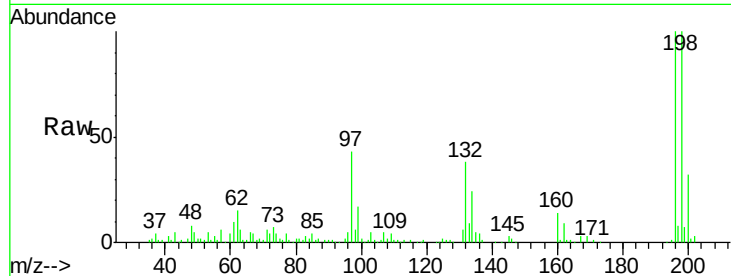
Tgt Ion:196 Resp: 99293

Ion Ratio Lower Upper

196 100

198 100.3 75.7 113.5

200 32.3 24.5 36.7

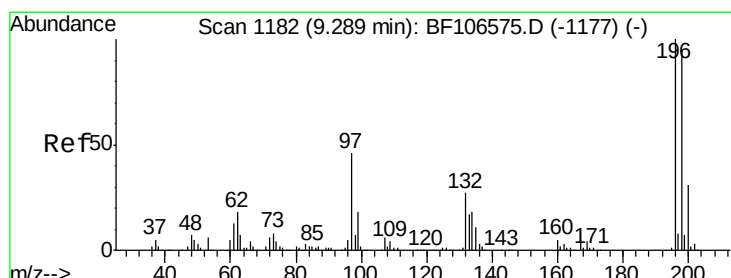
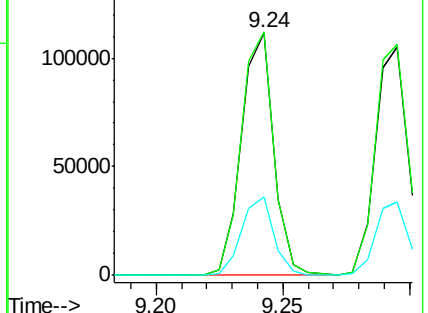
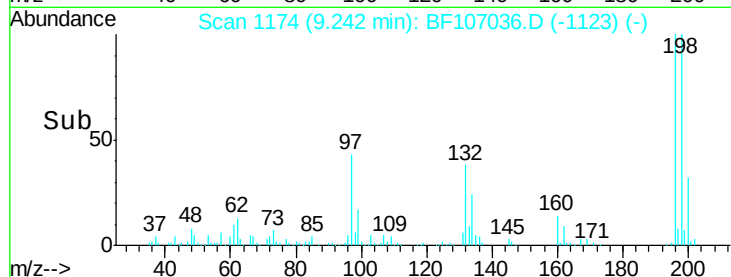


Abundance

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

Tgt Ion:196 Resp: 99293

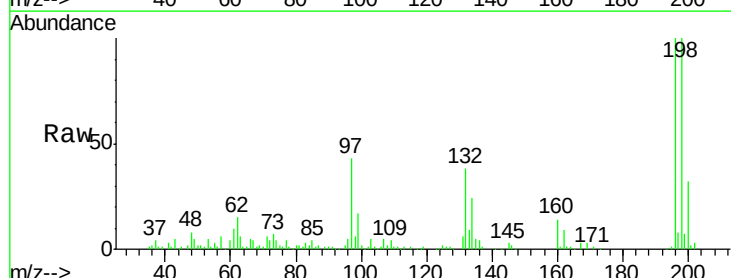
Ion Ratio Lower Upper

196 100

198 100.3 74.6 112.0

97 43.6 42.9 64.3

132 38.2 26.3 39.5



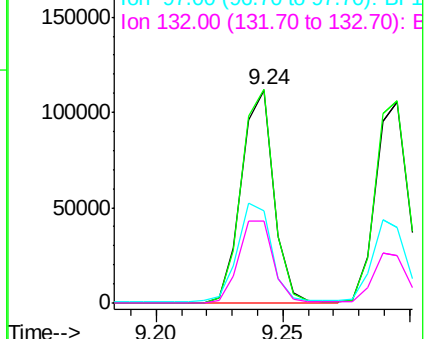
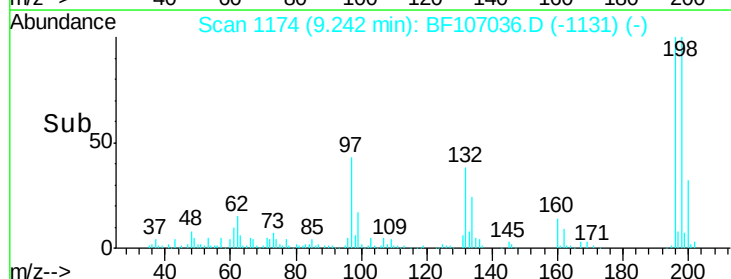
Abundance

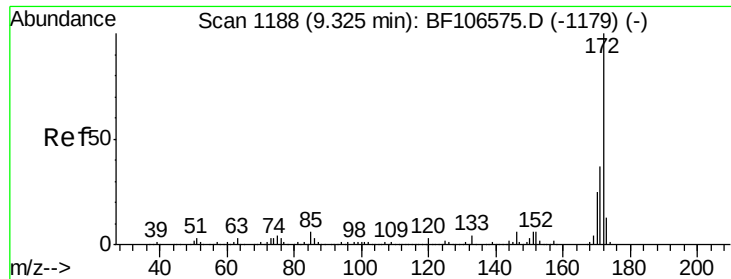
Ion 196.00 (195.70 to 196.70): E

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

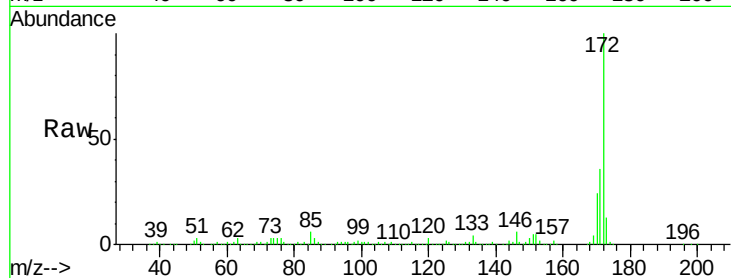




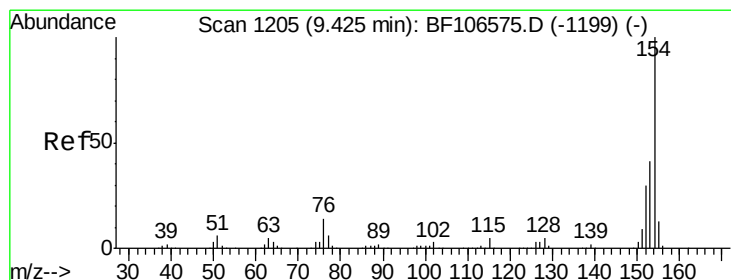
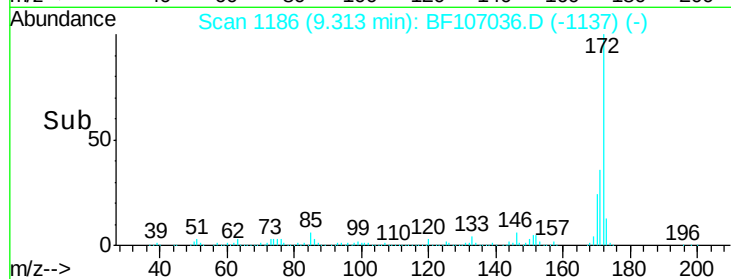
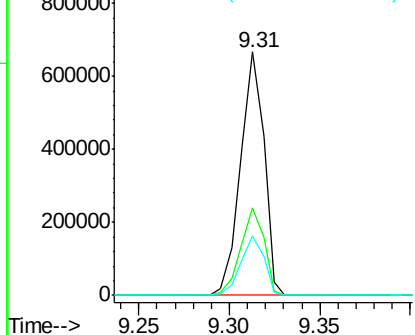
#44
2-Fluorobiphenyl
Concen: 95.892 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

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

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

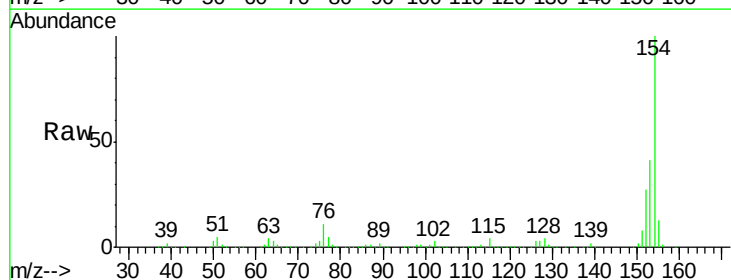


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

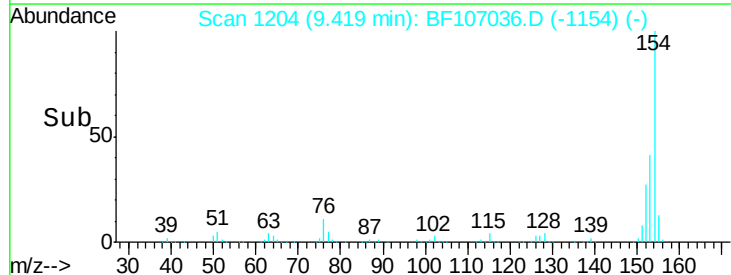
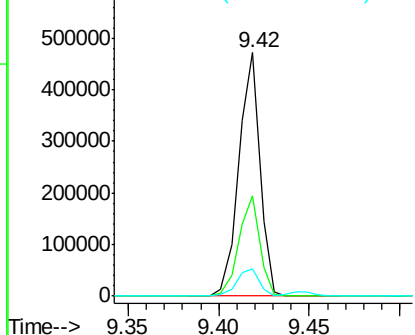


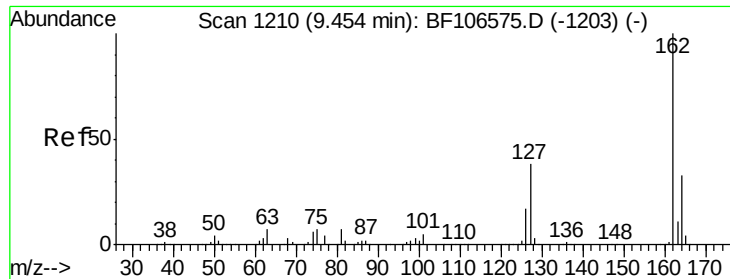
#45
1,1'-Biphenyl
Concen: 44.105 ng
RT: 9.42 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

Tgt 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

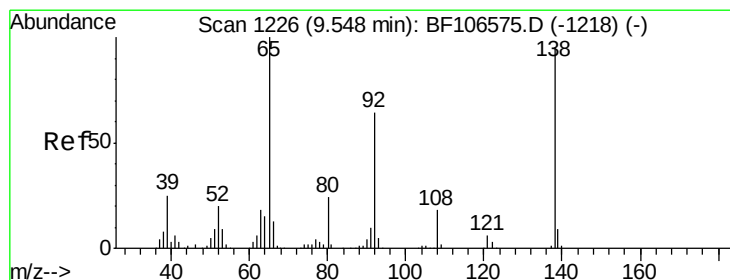
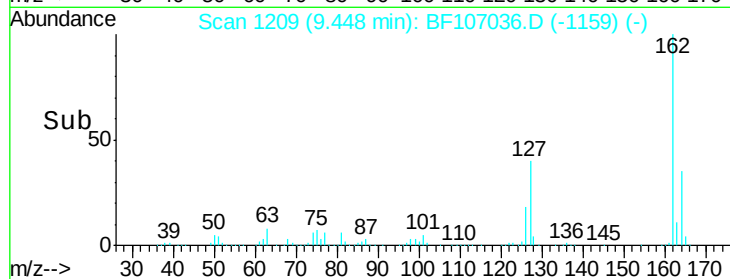
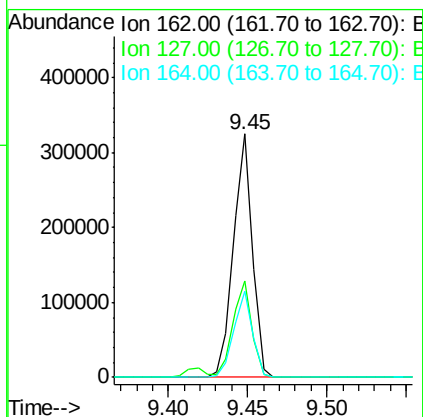
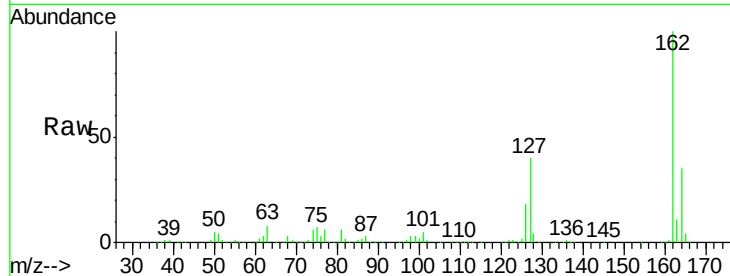




#46
2-Chloronaphthalene
Concen: 39.705 ng
RT: 9.45 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

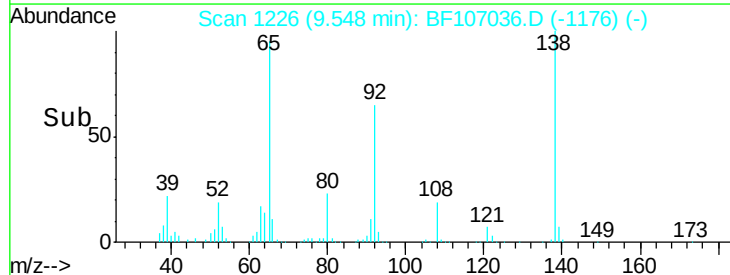
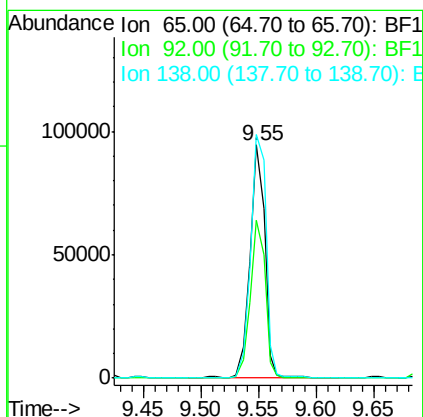
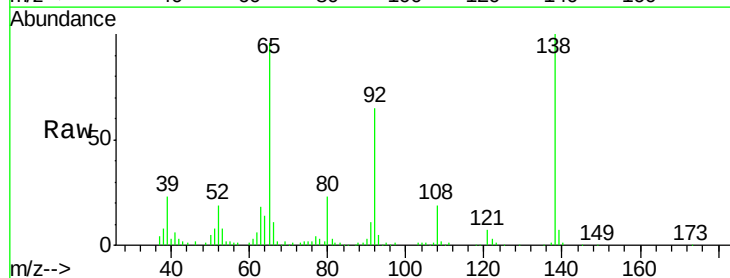
Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

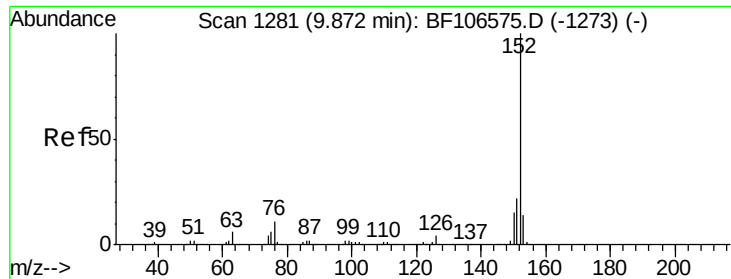
Tgt Ion: 162 Resp: 270481
Ion Ratio Lower Upper
162 100
127 39.6 33.9 50.9
164 35.4 26.5 39.7



#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

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

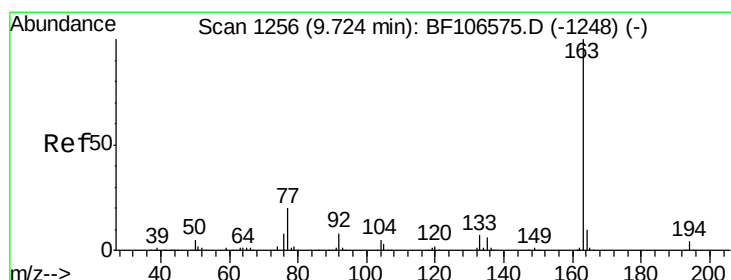
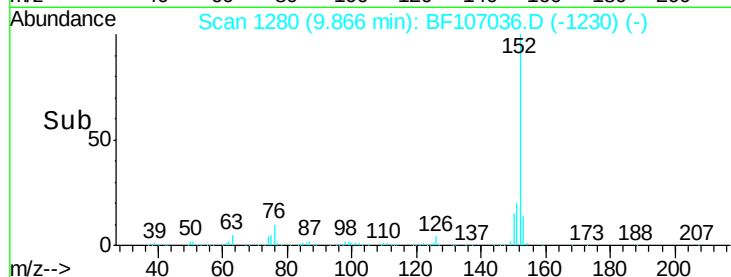
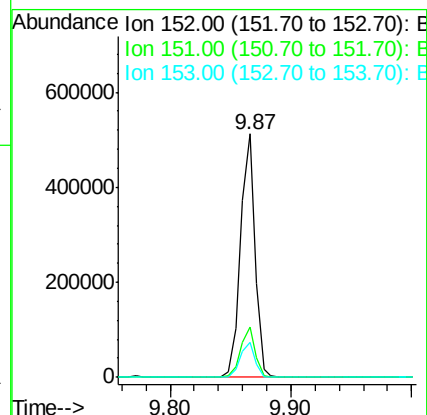
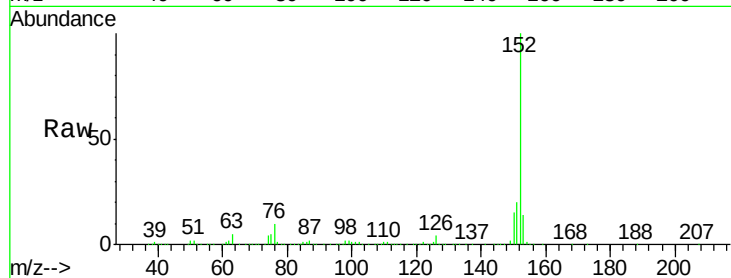




#48
Acenaphthylene
Concen: 40.290 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

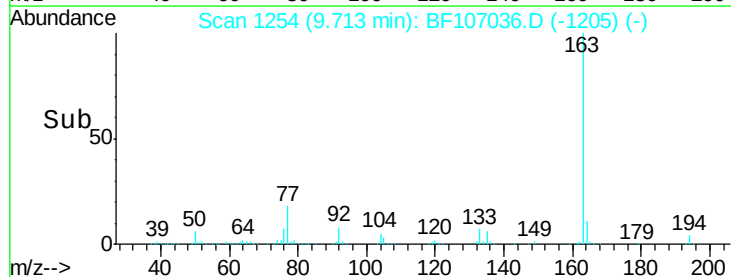
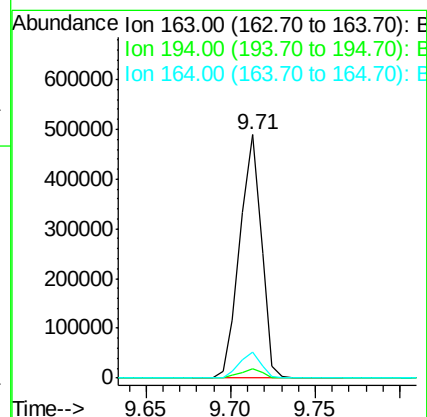
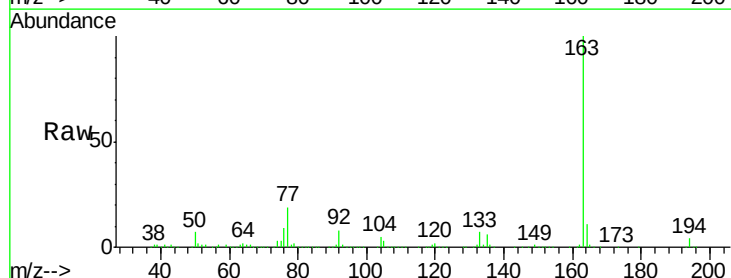
Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

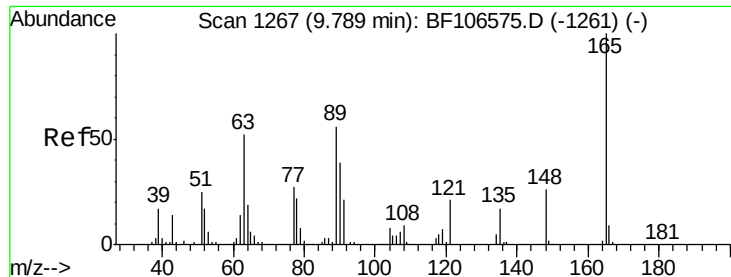
Tgt Ion:152 Resp: 433329
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 14.4 10.7 16.1



#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

Tgt Ion:163 Resp: 435112
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.8 8.2 12.2

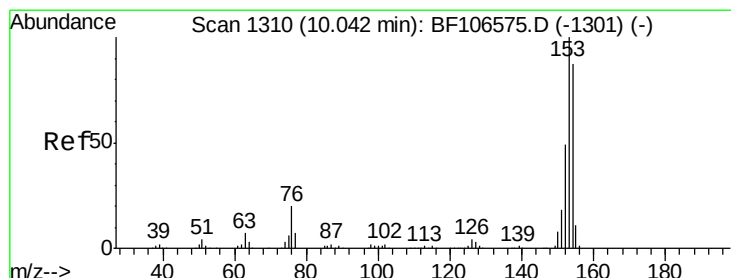
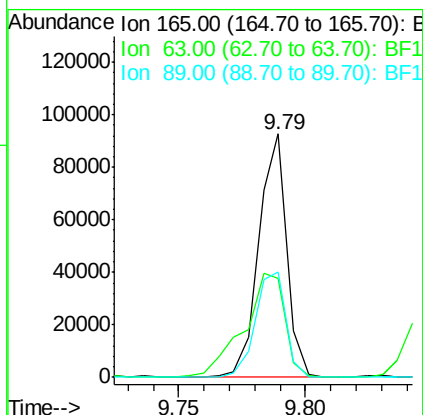
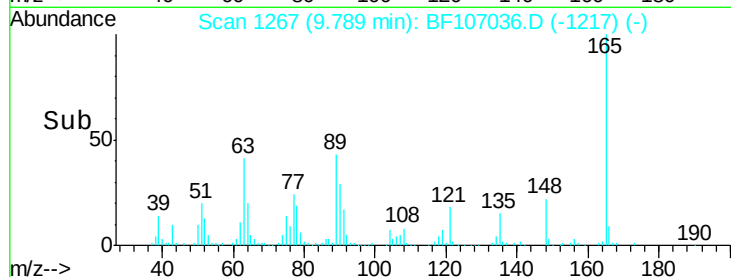
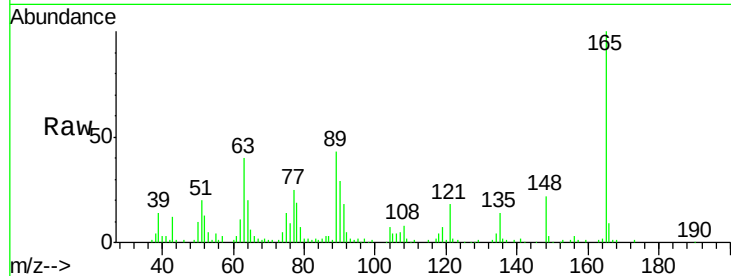




#50
2,6-Dinitrotoluene
Concen: 41.289 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

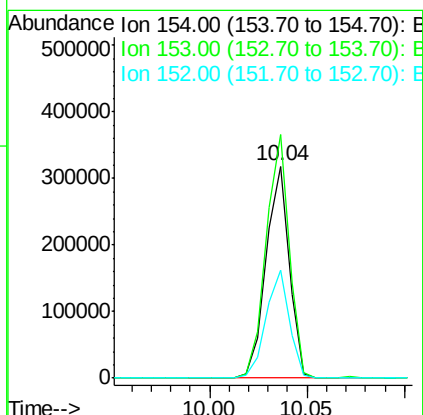
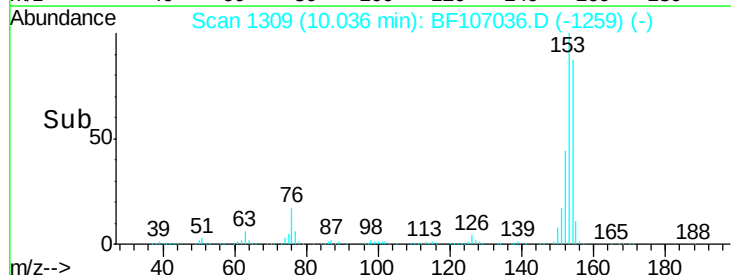
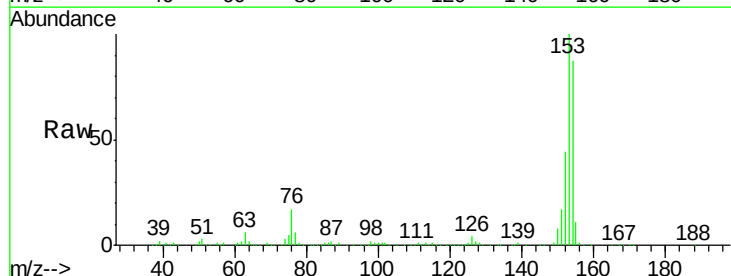
Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

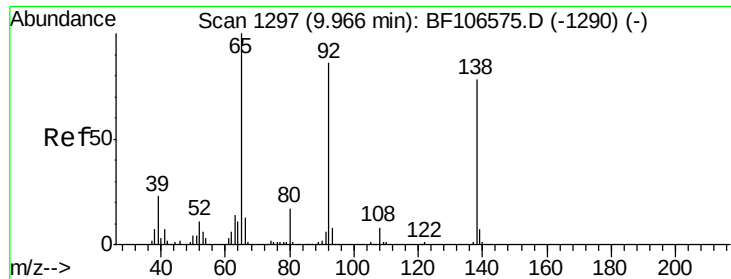
Tgt Ion:165 Resp: 71210
Ion Ratio Lower Upper
165 100
63 40.5 44.7 67.1#
89 43.3 44.0 66.0#



#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

Tgt Ion:154 Resp: 262794
Ion Ratio Lower Upper
154 100
153 114.9 91.2 136.8
152 50.7 43.8 65.8

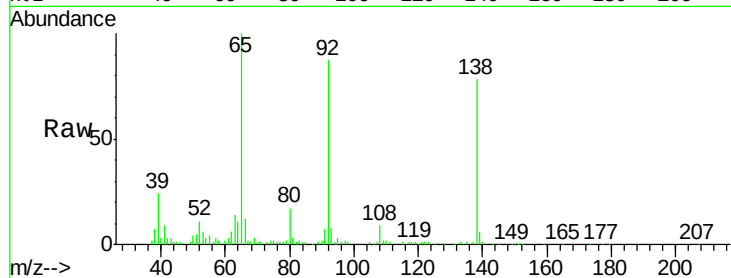




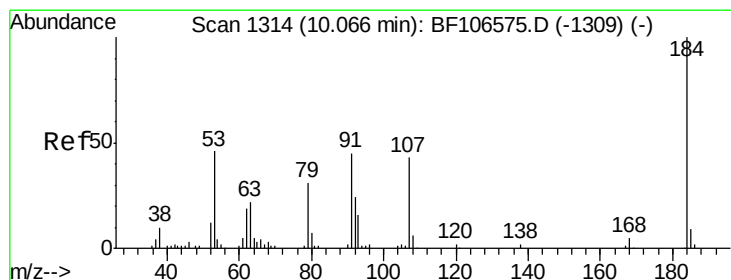
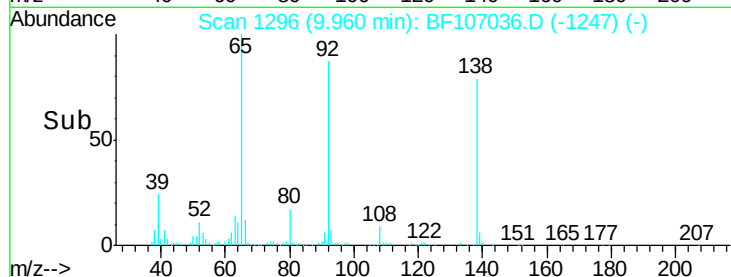
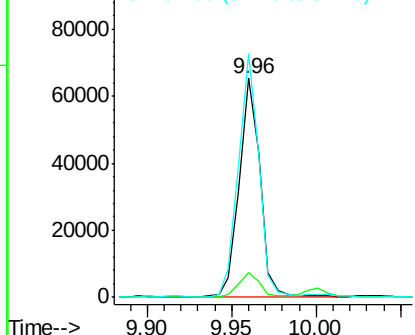
#52
3-Nitroaniline
Concen: 28.319 ng
RT: 9.96 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

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

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

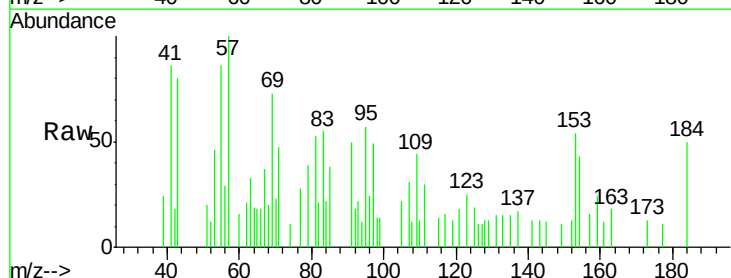


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

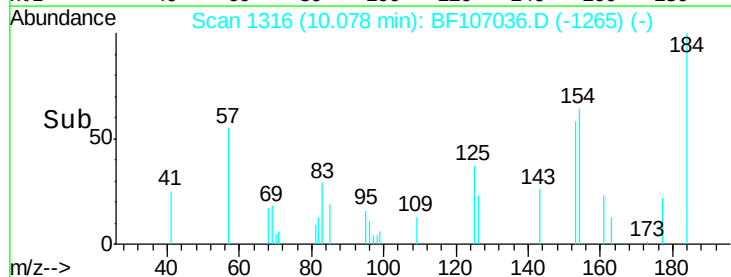
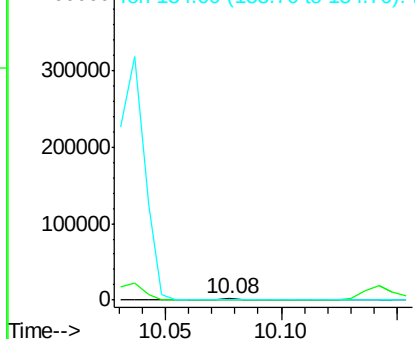


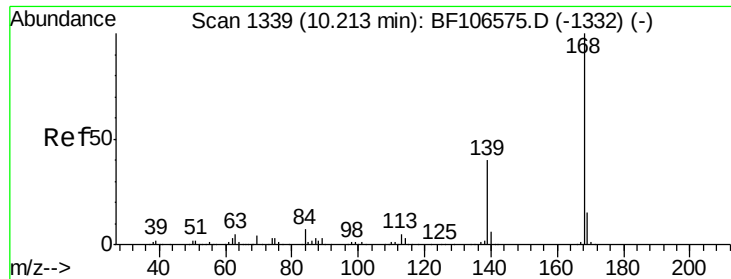
#53
2,4-Dinitrophenol
Concen: 7.212 ng
RT: 10.08 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

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



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

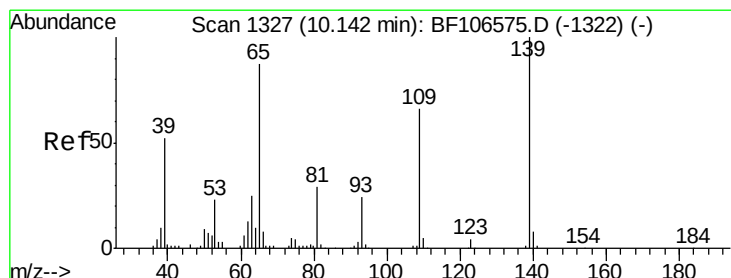
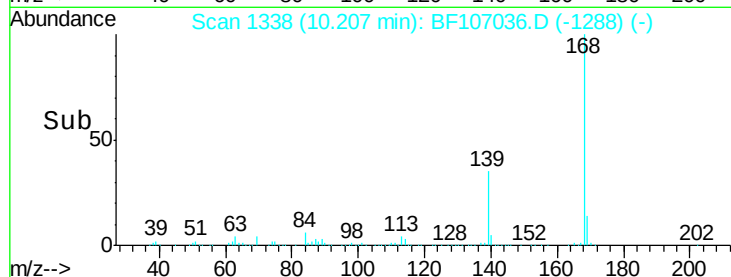
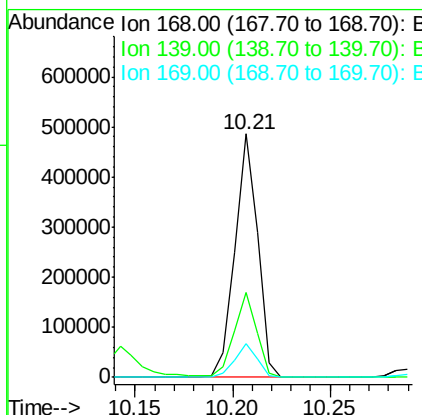
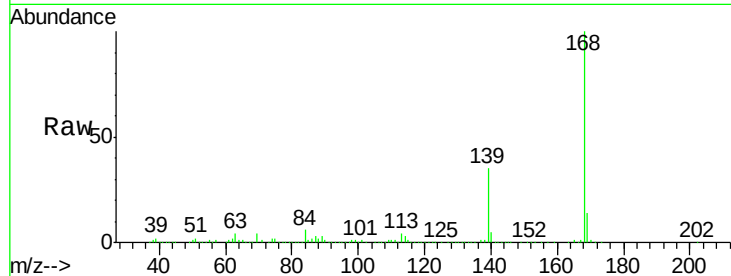




#54
Dibenzofuran
Concen: 42.241 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

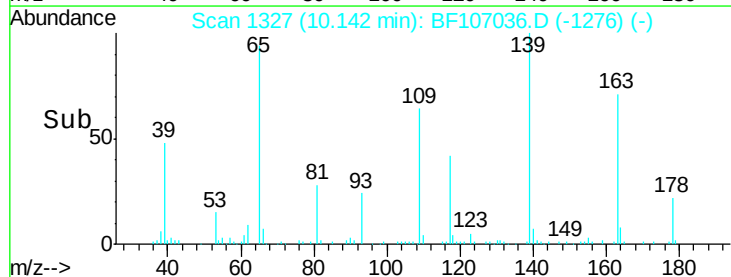
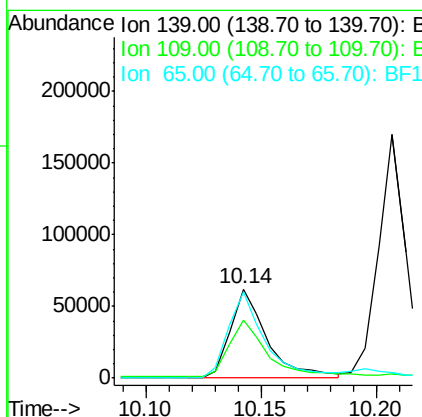
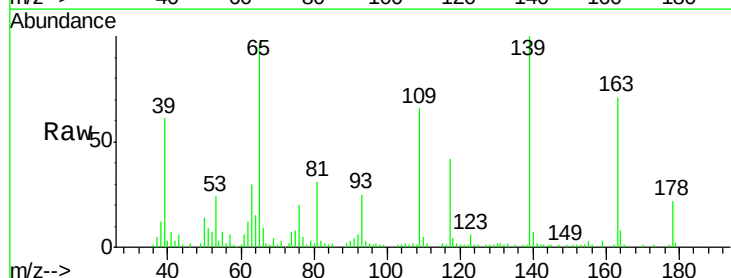
Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

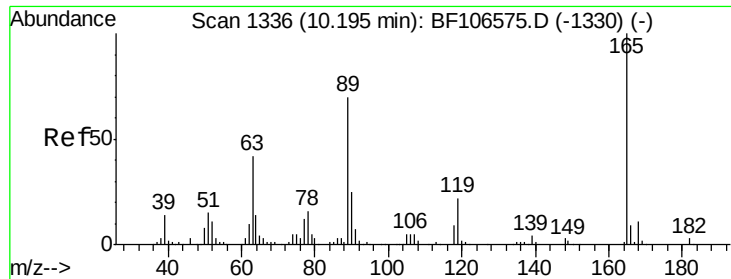
Tgt Ion:168 Resp: 391738
Ion Ratio Lower Upper
168 100
139 34.9 30.1 45.1
169 14.0 10.9 16.3



#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

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

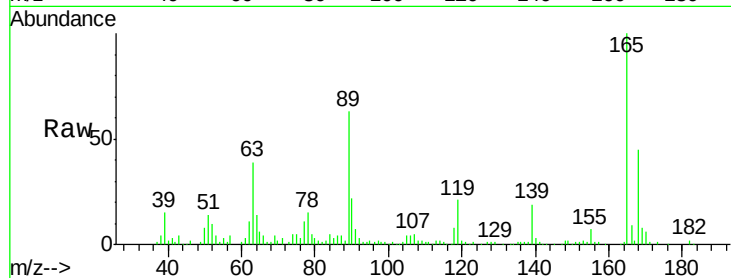




#56
2,4-Dinitrotoluene
Concen: 38.023 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

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

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

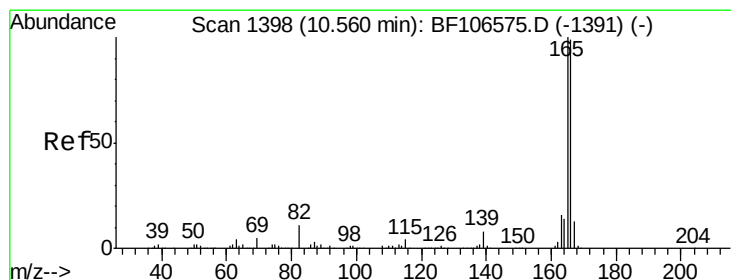
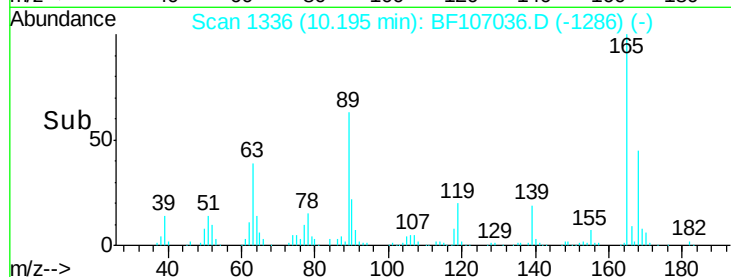
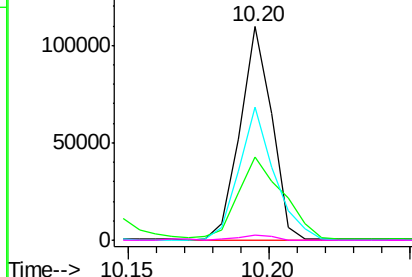


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

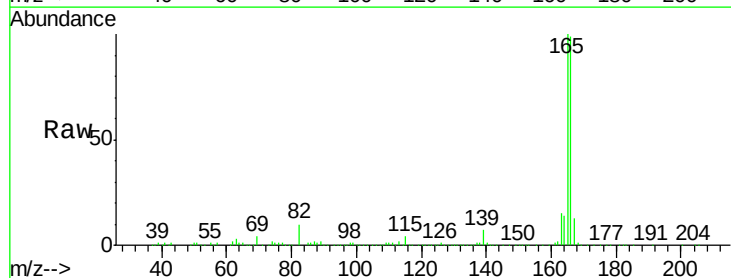
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#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

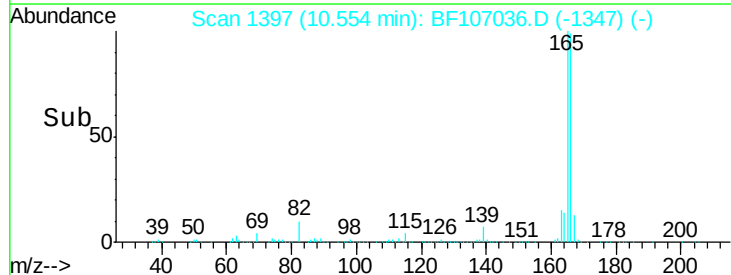
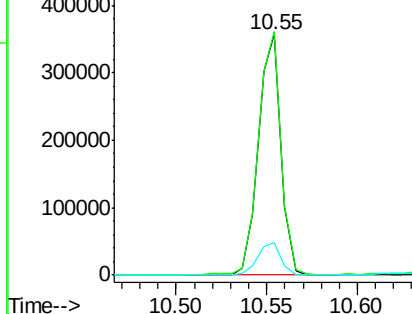
Tgt Ion:	166	Resp:	307191
Ion	Ratio	Lower	Upper
166	100		
165	101.1	79.8	119.8
167	13.4	10.6	16.0

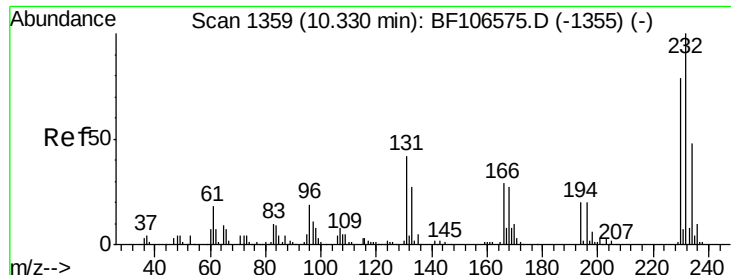


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#58

2,3,4,6-Tetrachlorophenol

Concen: 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

Instrument :

BNA_F

ClientSampleId :

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

Tgt Ion:232 Resp: 78036

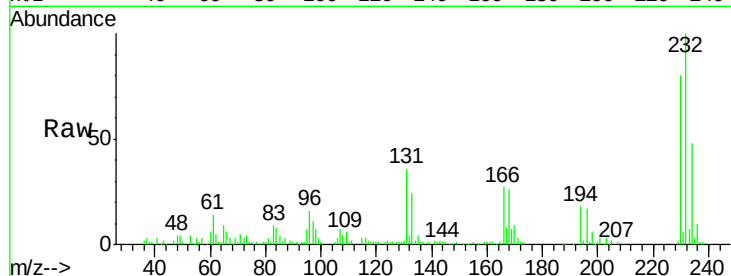
Ion Ratio Lower Upper

232 100

131 34.7 43.8 65.8#

130 2.0 2.1 3.1#

166 26.3 27.8 41.6#

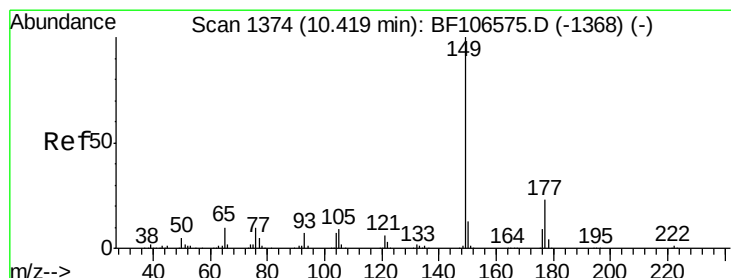
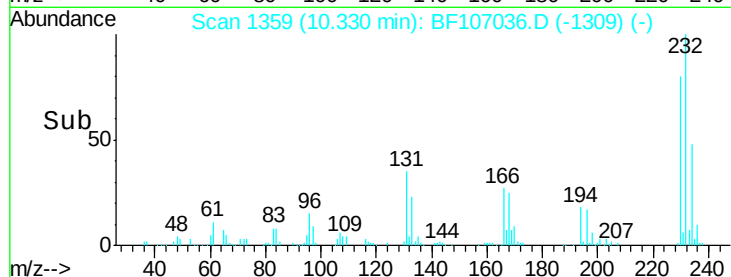
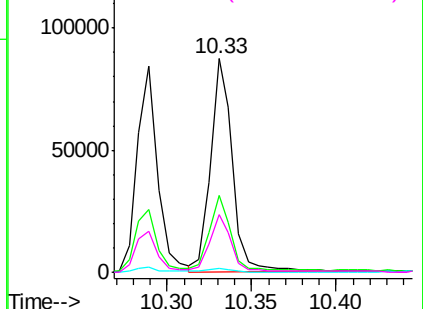


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 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

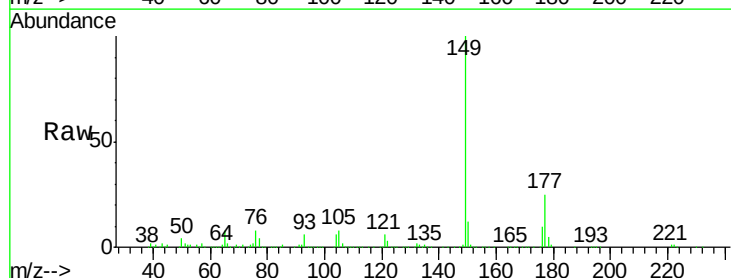
Tgt Ion:149 Resp: 301171

Ion Ratio Lower Upper

149 100

177 25.4 16.1 24.1#

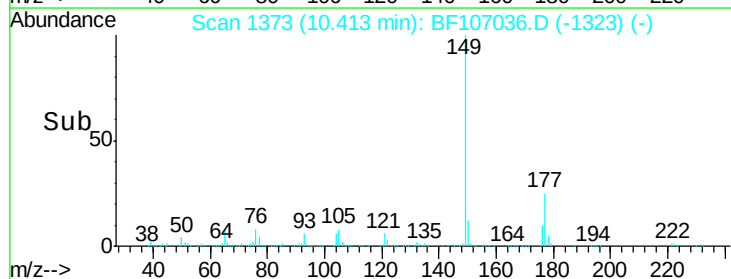
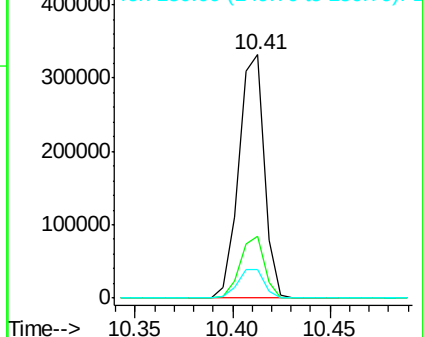
150 11.9 10.1 15.1

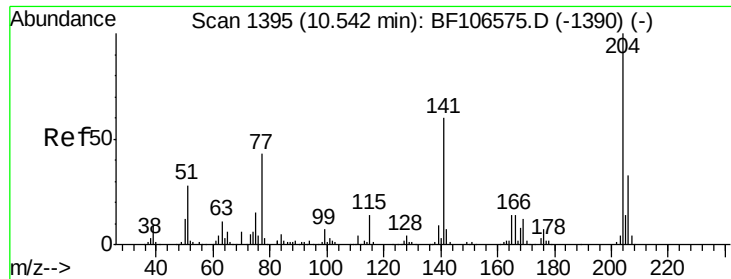


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

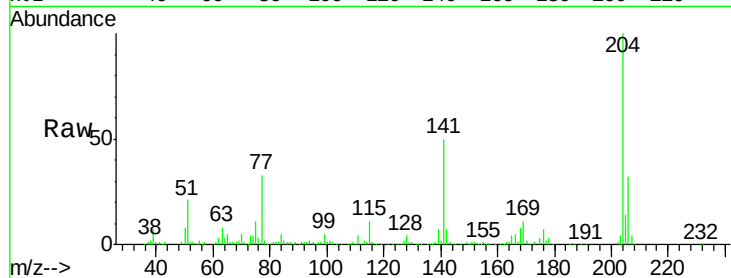




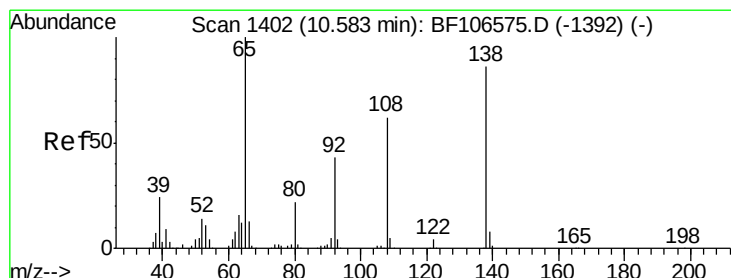
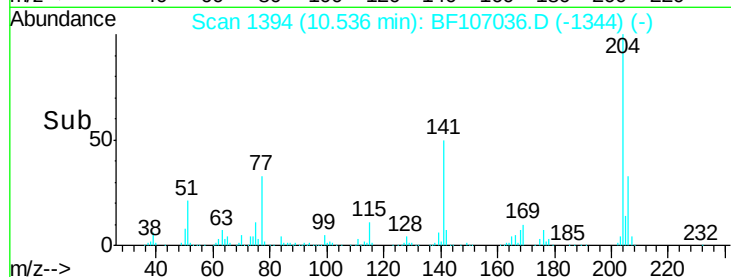
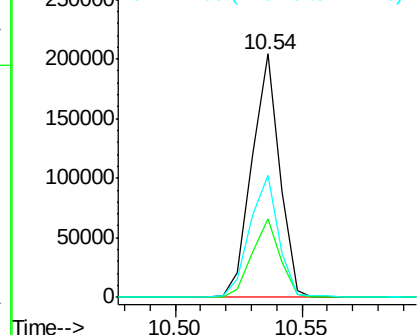
#60
4-Chlorophenyl-phenylether
Concen: 40.435 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

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

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#

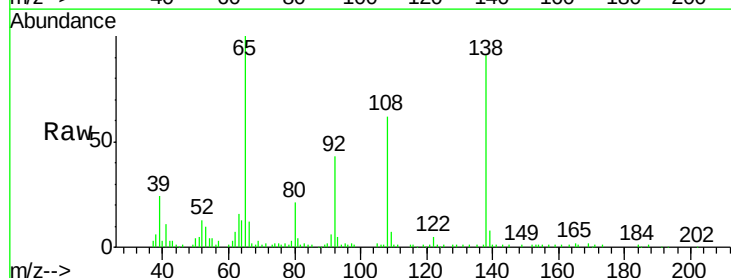


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

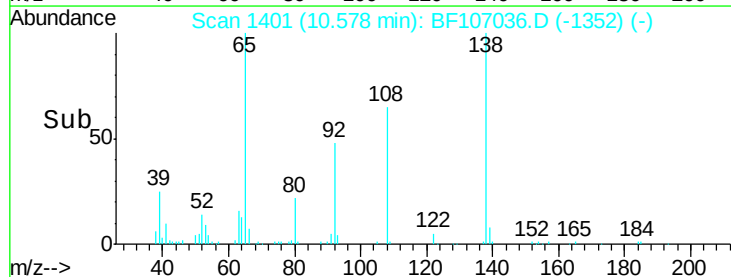
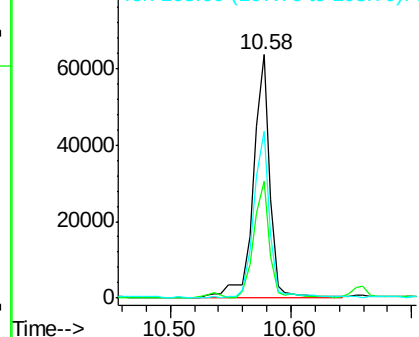


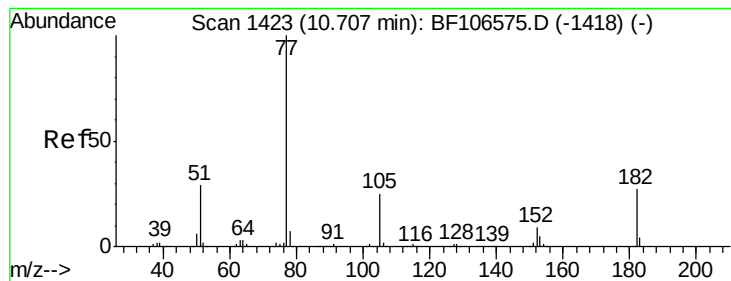
#61
4-Nitroaniline
Concen: 31.170 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

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



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





#62

Azobenzene

Concen: 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

Instrument :

BNA_F

ClientSampleId :

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

Tgt Ion: 77 Resp: 256297

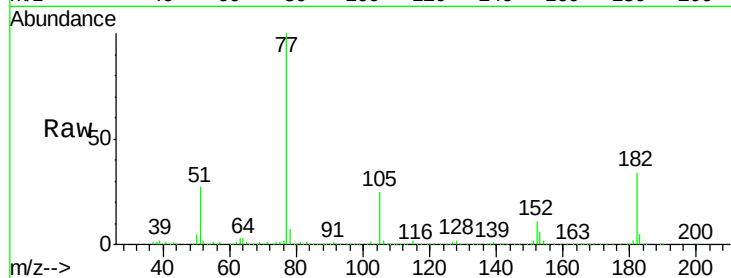
Ion Ratio Lower Upper

77 100

182 34.5 1.7 41.7

105 25.0 3.0 43.0

51 26.7 9.9 49.9

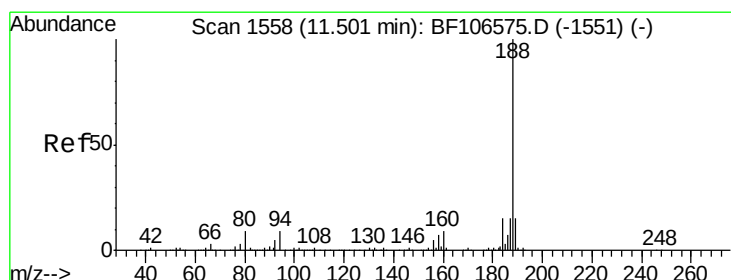
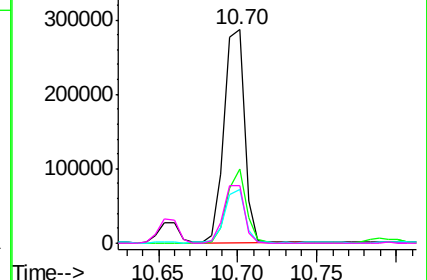
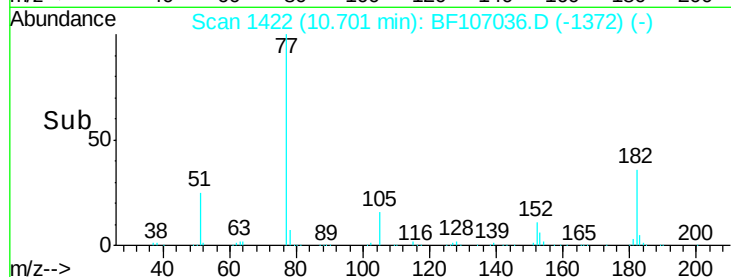


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#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

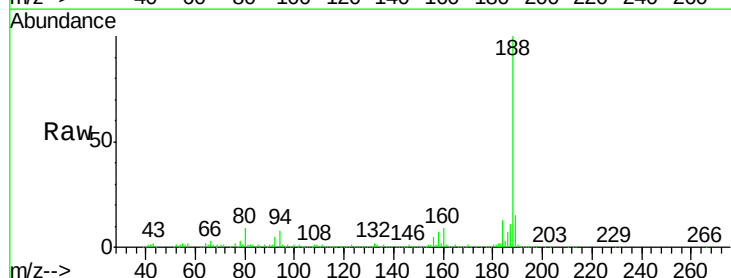
Tgt Ion: 188 Resp: 189343

Ion Ratio Lower Upper

188 100

94 8.2 8.5 12.7#

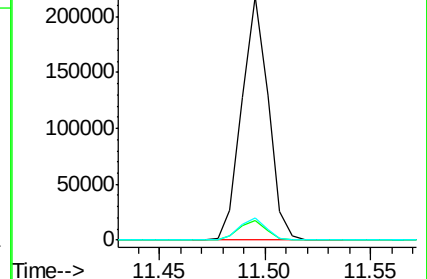
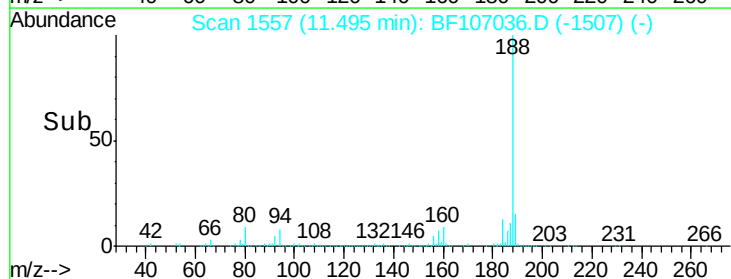
80 9.1 9.2 13.8#

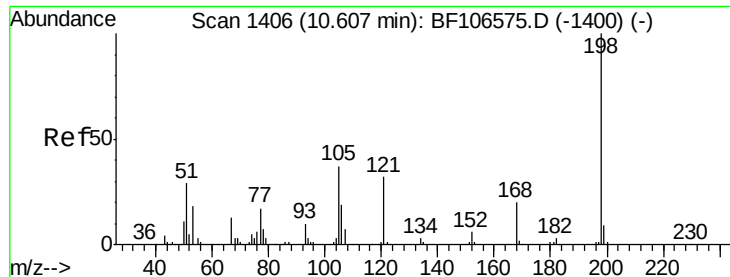


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#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

Instrument :

BNA_F

ClientSampleId :

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

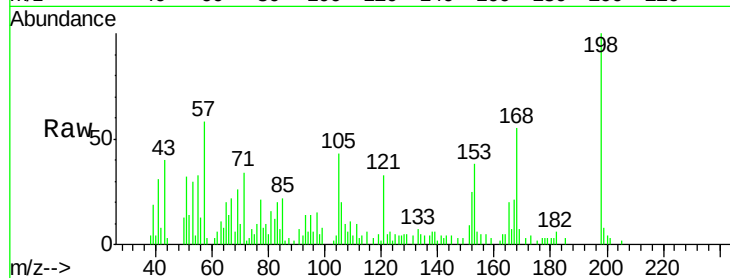
Tgt Ion:198 Resp: 12955

Ion Ratio Lower Upper

198 100

51 31.8 37.7 77.7#

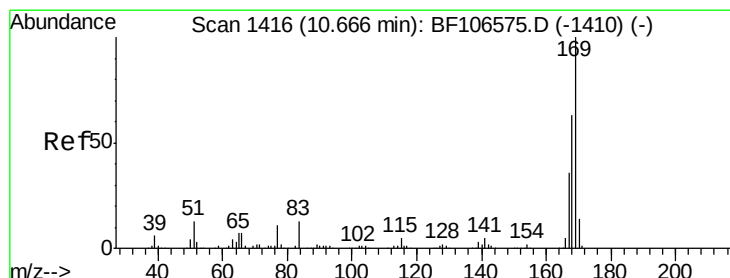
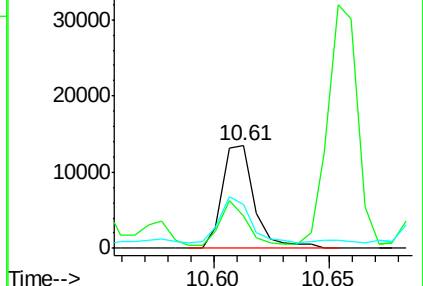
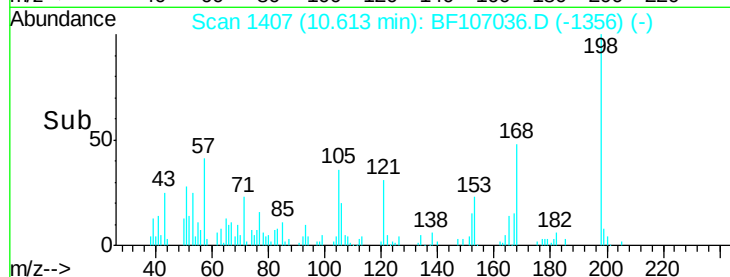
105 42.9 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#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

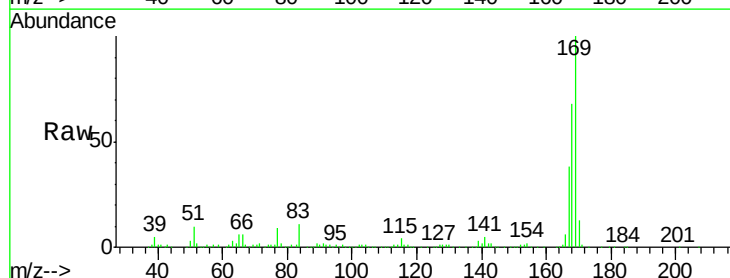
Tgt Ion:169 Resp: 250531

Ion Ratio Lower Upper

169 100

168 68.2 54.4 81.6

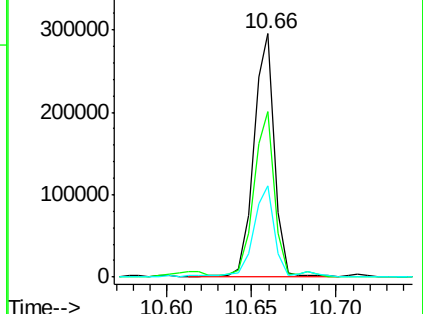
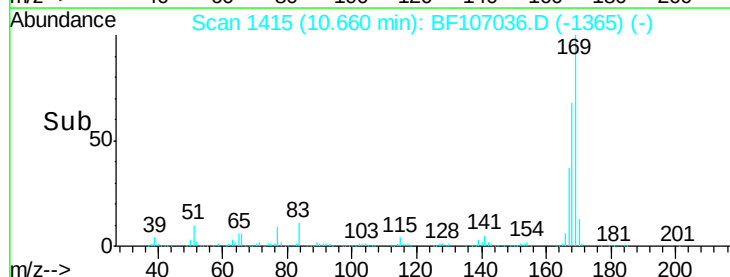
167 37.6 29.8 44.6

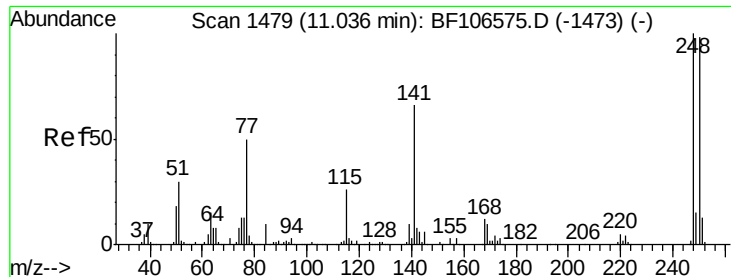


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

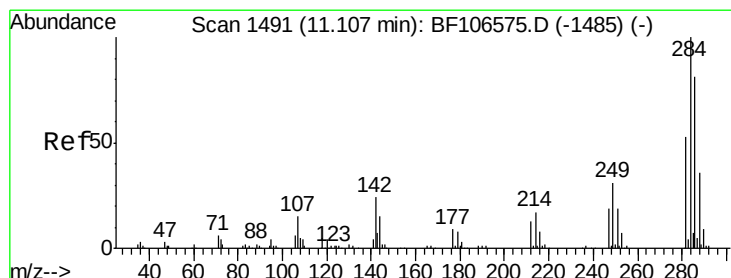
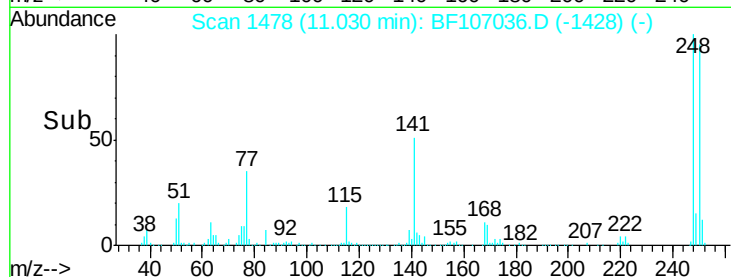
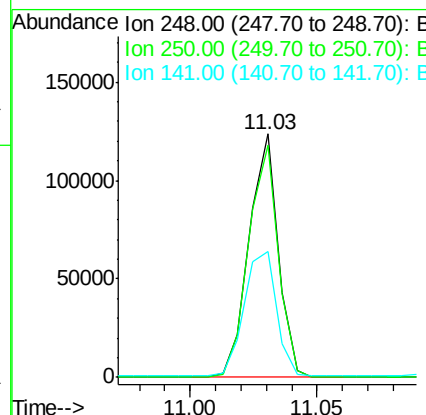
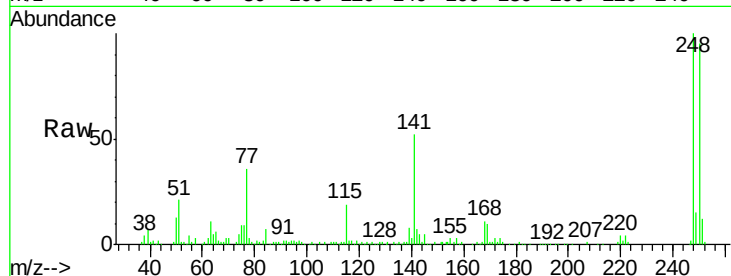




#66
4-Bromophenyl-phenylether
Concen: 43.844 ng
RT: 11.03 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

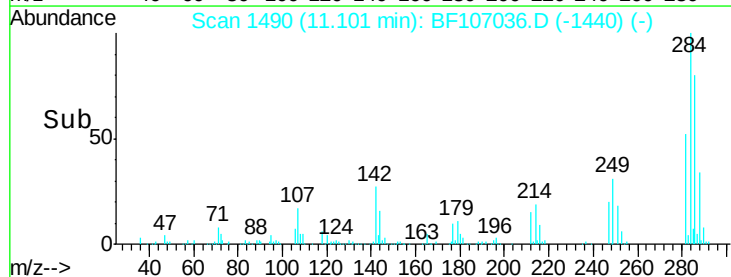
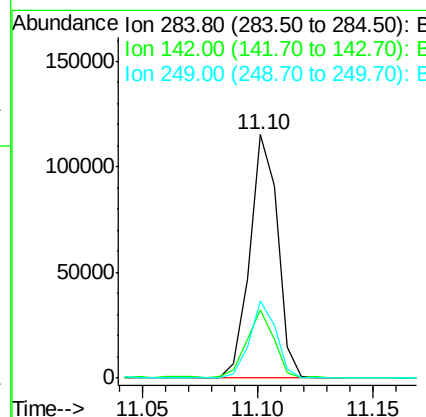
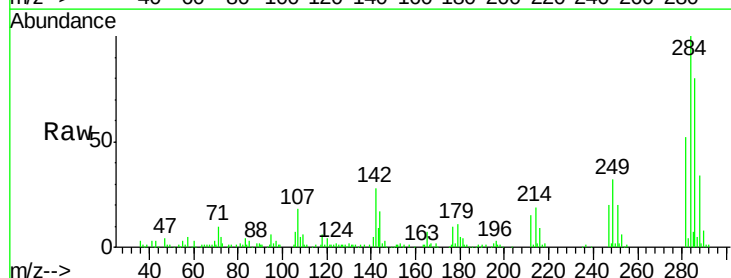
Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

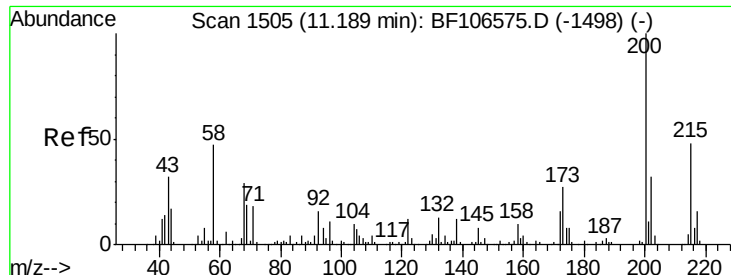
Tgt Ion:248 Resp: 99075
Ion Ratio Lower Upper
248 100
250 95.3 76.9 115.3
141 51.5 74.4 111.6#



#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

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

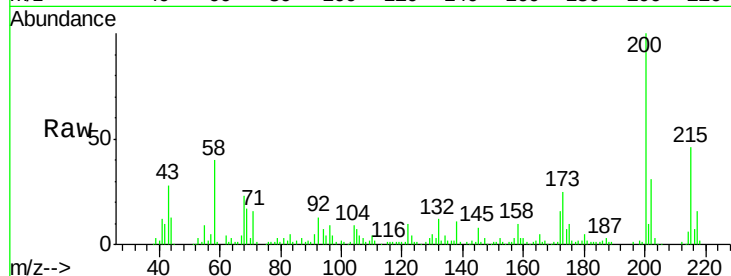




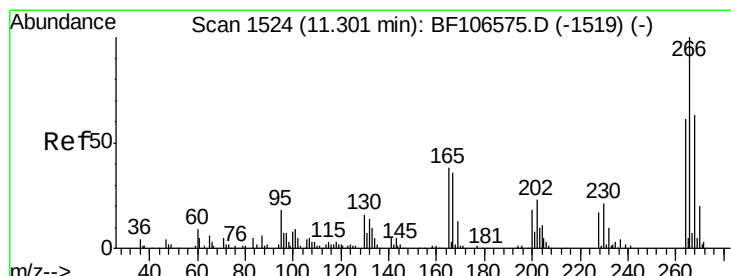
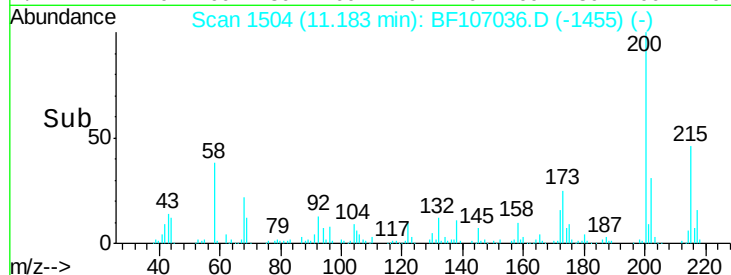
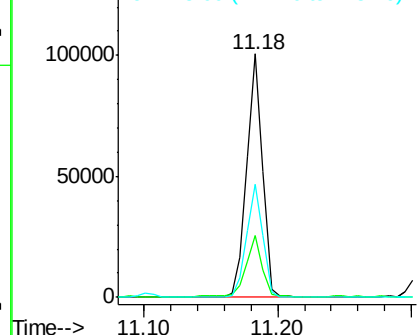
#68
Atrazine
Concen: 41.212 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

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

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

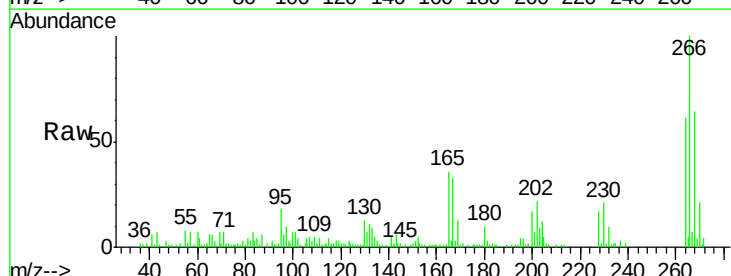


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

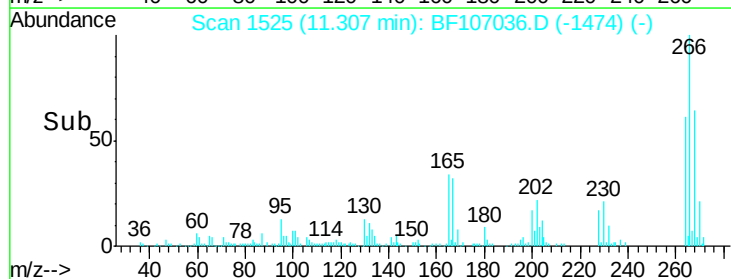
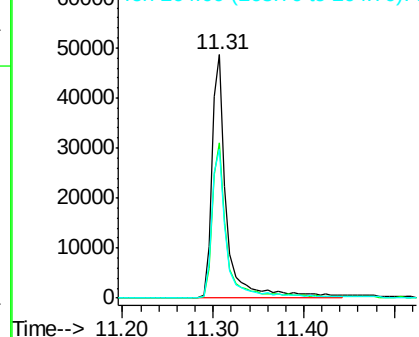


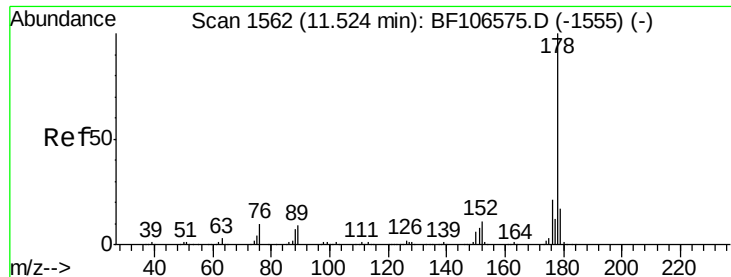
#69
Pentachlorophenol
Concen: 47.506 ng
RT: 11.31 min Scan# 1525
Delta R.T. 0.00 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

Tgt 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

Instrument :

BNA_F

ClientSampleId :

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

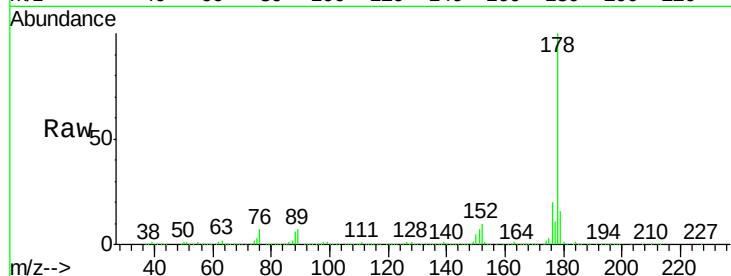
Tgt Ion:178 Resp: 597134

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

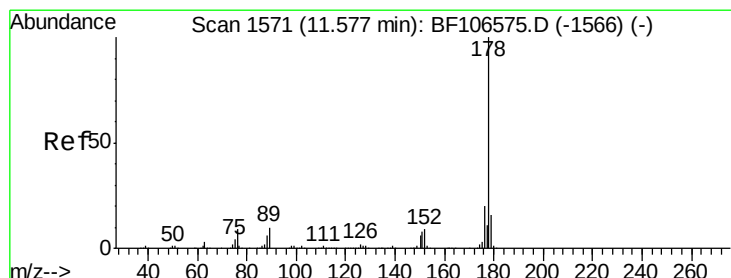
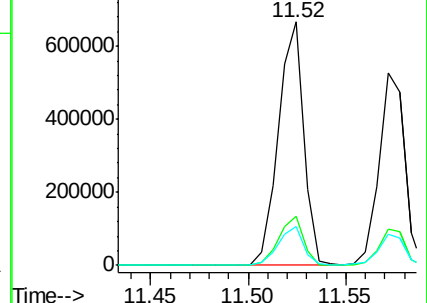
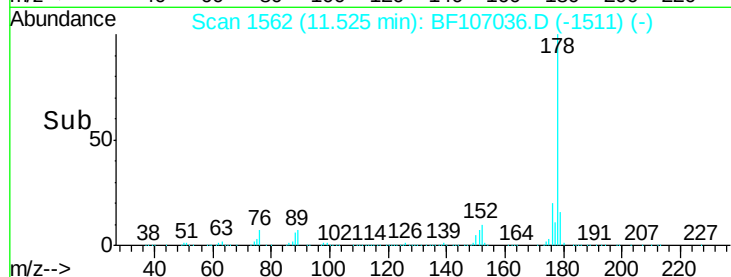
179 15.8 13.0 19.6



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

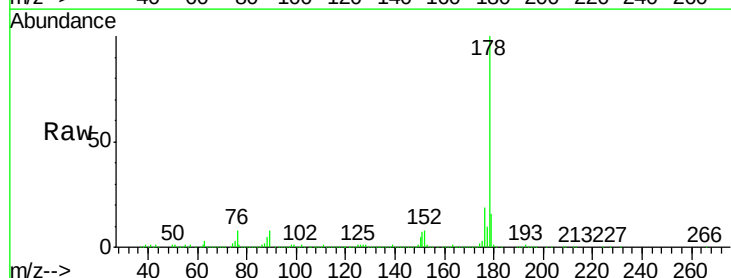
Tgt Ion:178 Resp: 478682

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

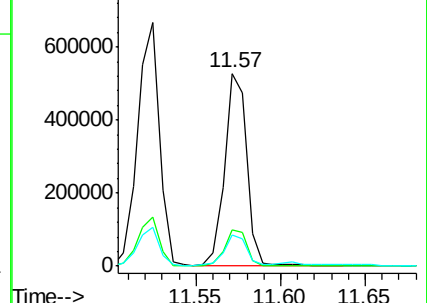
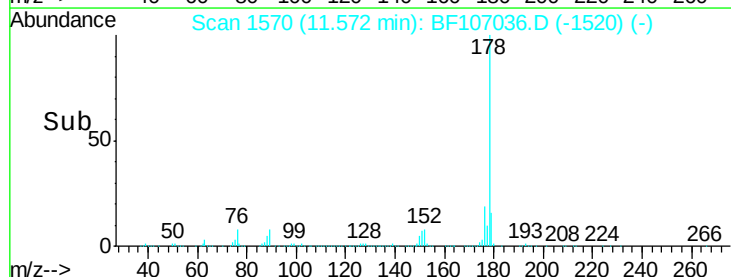
179 15.9 12.6 19.0

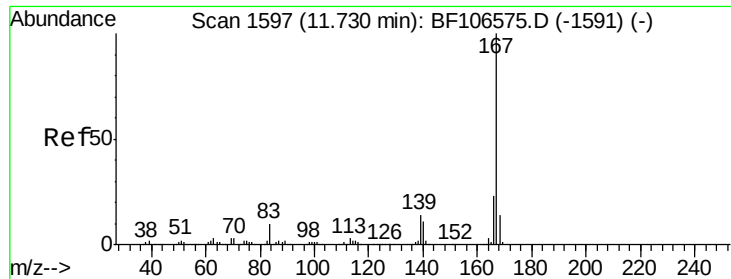


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

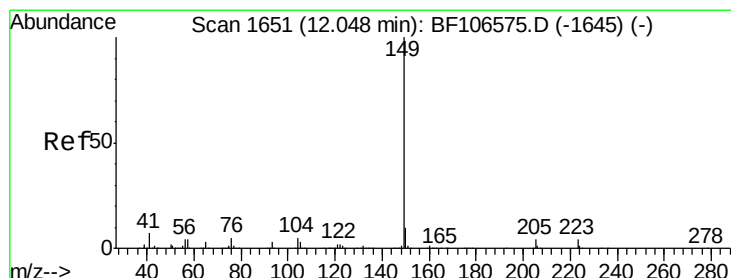
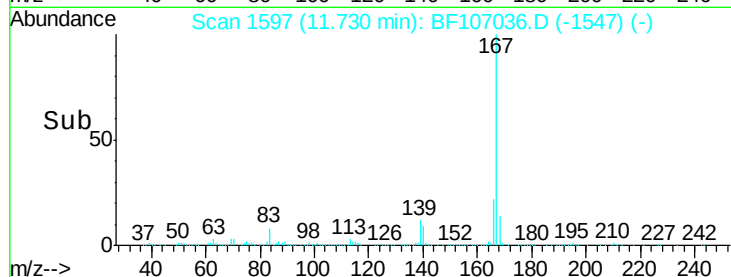
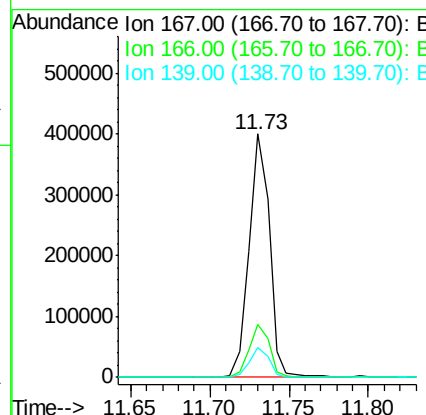
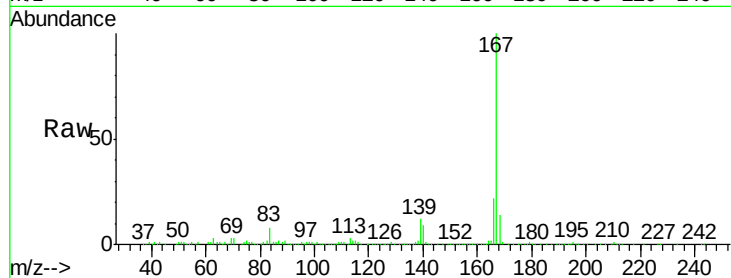




#72
 Carbazole
 Concen: 40.544 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF107036.D
 Acq: 2 Jul 2018 11:28

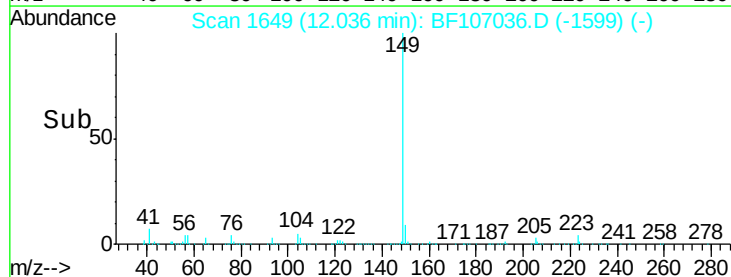
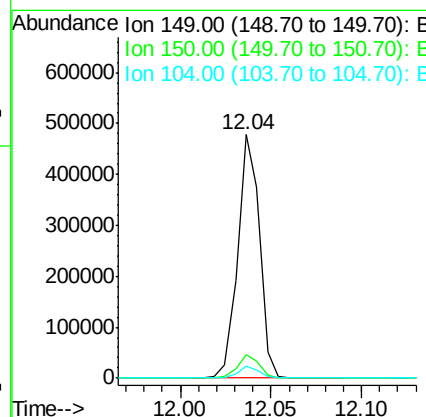
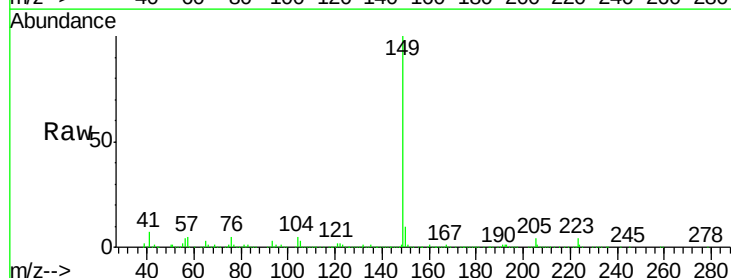
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MSD

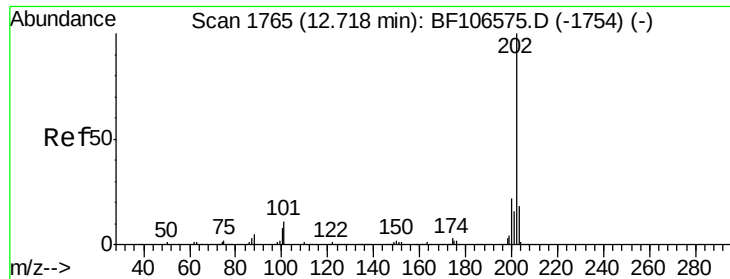
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	12.2	10.9	16.3



#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

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	4.7	3.8	5.8





#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

Instrument :

BNA_F

ClientSampleId :

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

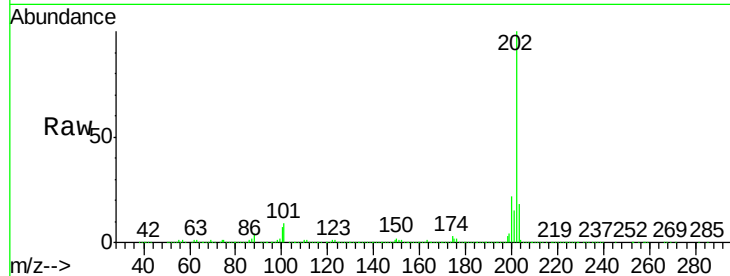
Tgt Ion:202 Resp: 928728

Ion Ratio Lower Upper

202 100

101 9.1 0.0 34.1

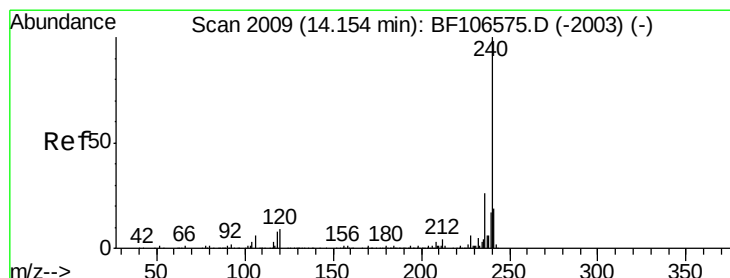
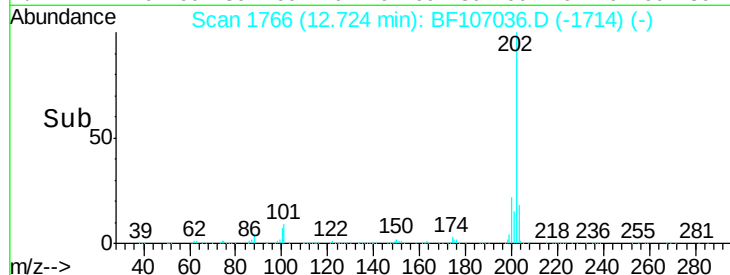
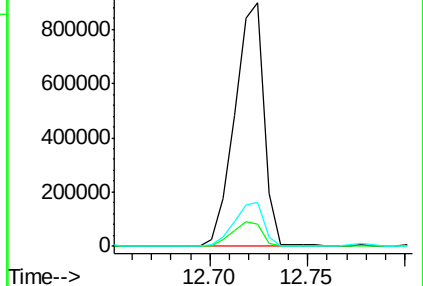
203 18.2 0.0 38.1



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



#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

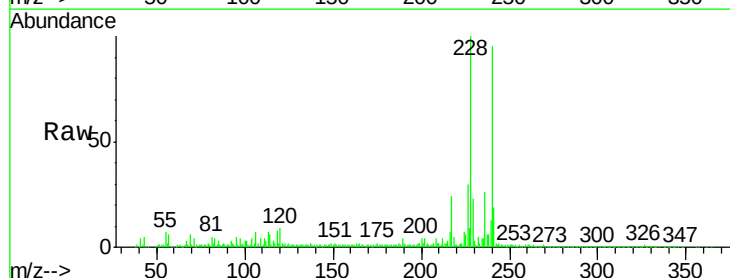
Tgt Ion:240 Resp: 164126

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

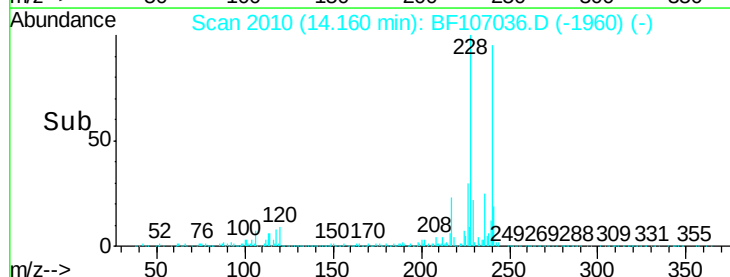
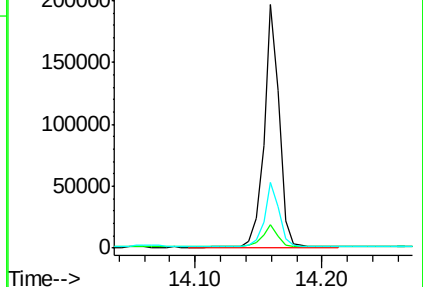
236 27.0 20.7 31.1

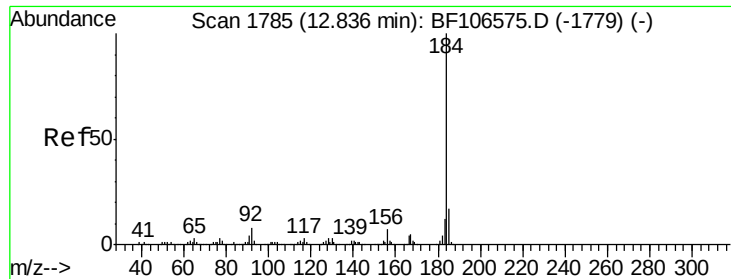


Abundance Ion 240.00 (239.70 to 240.70): E

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

Instrument :

BNA_F

ClientSampleId :

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

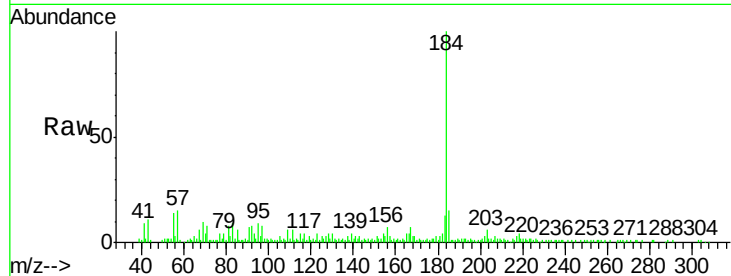
Tgt Ion:184 Resp: 61895

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

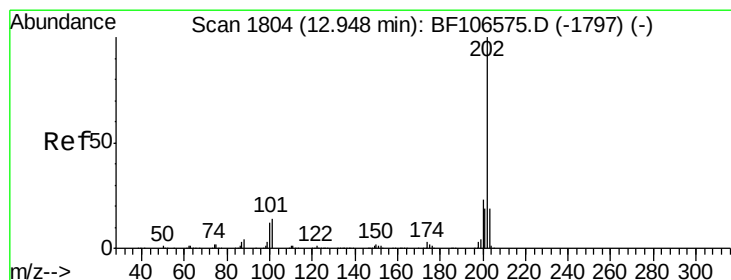
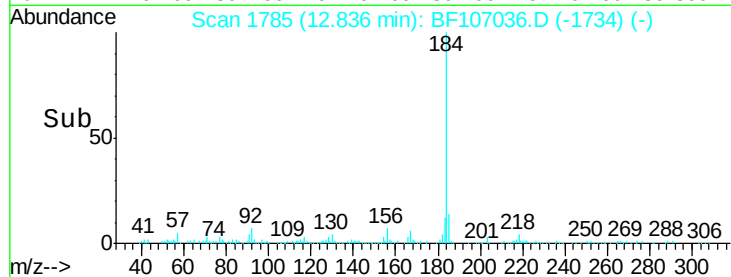
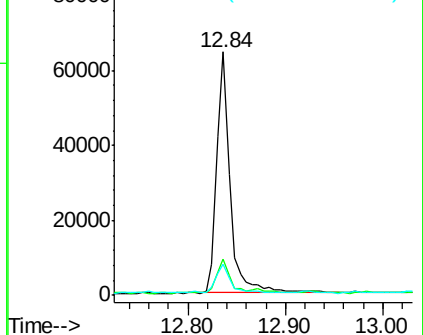
183 12.9 9.3 13.9



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

Pyrene

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

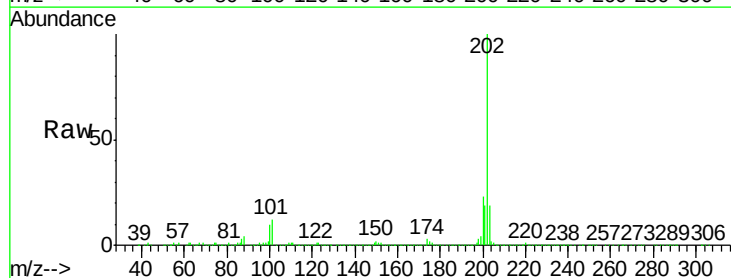
Tgt Ion:202 Resp: 935509

Ion Ratio Lower Upper

202 100

200 22.6 17.4 26.2

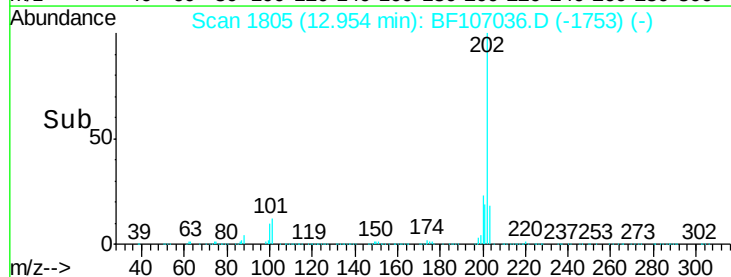
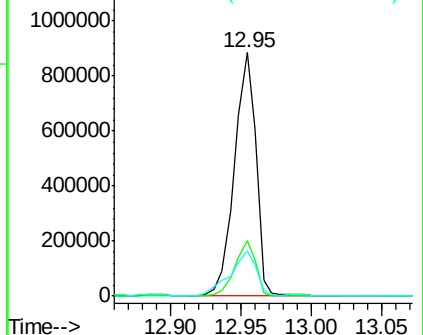
203 18.7 14.3 21.5

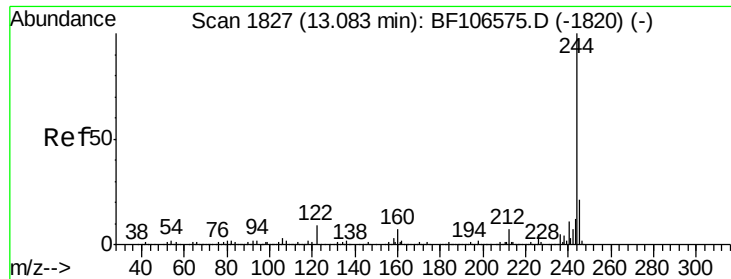


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 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

Instrument :

BNA_F

ClientSampleId :

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

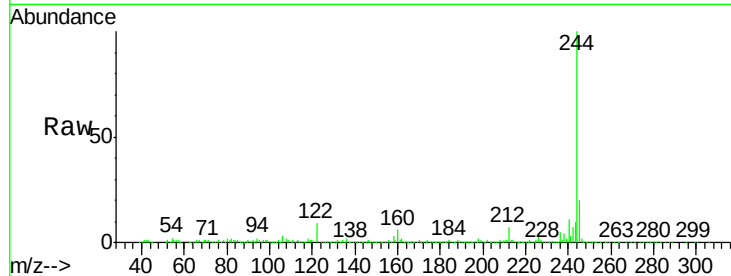
Tgt Ion:244 Resp: 598272

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

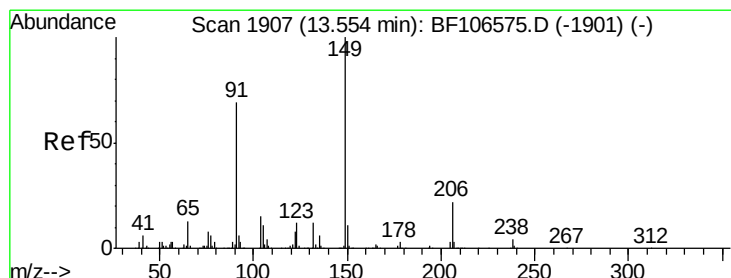
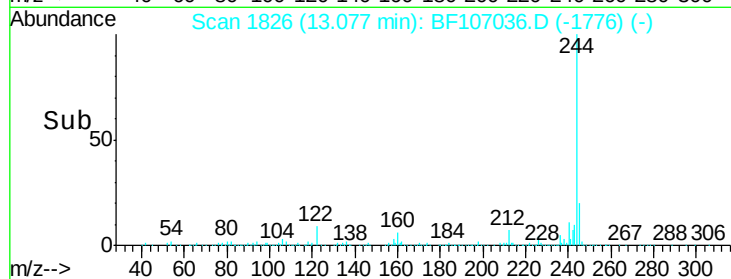
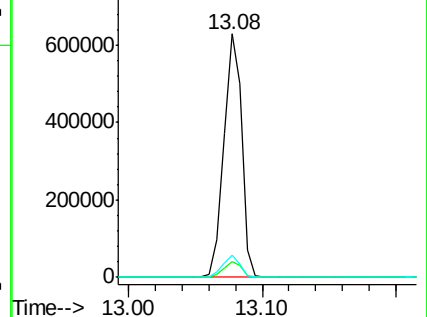
122 9.2 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 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

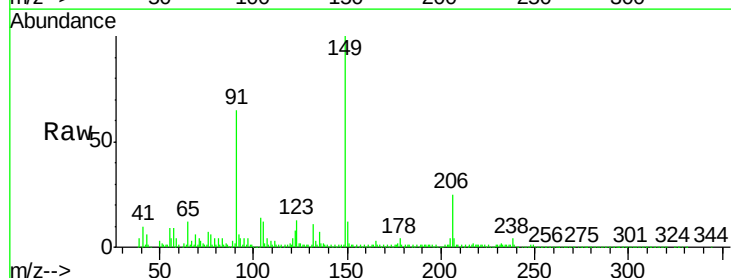
Tgt Ion:149 Resp: 159189

Ion Ratio Lower Upper

149 100

91 65.4 56.8 85.2

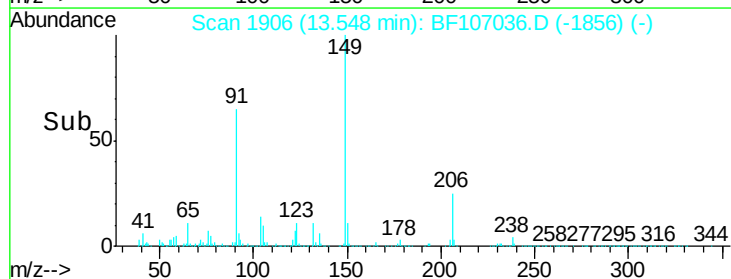
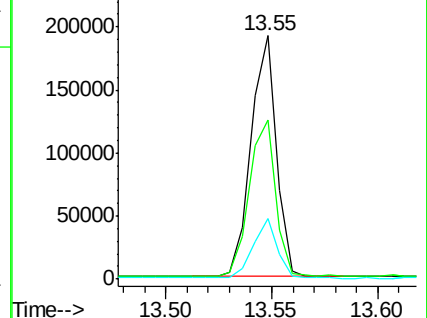
206 24.7 14.1 21.1#

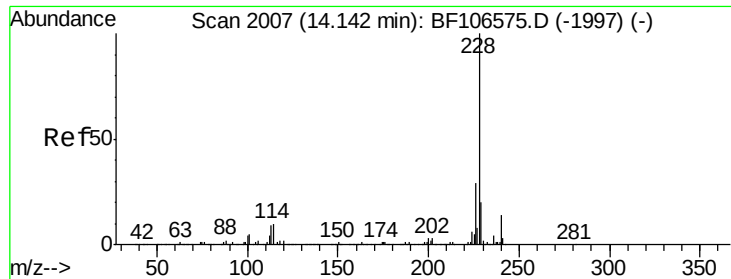


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

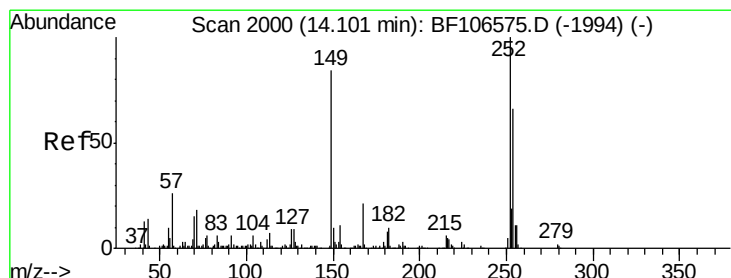
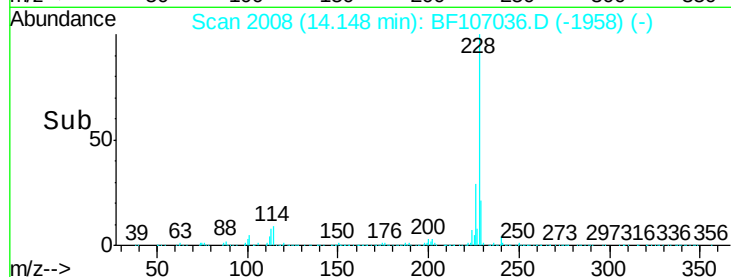
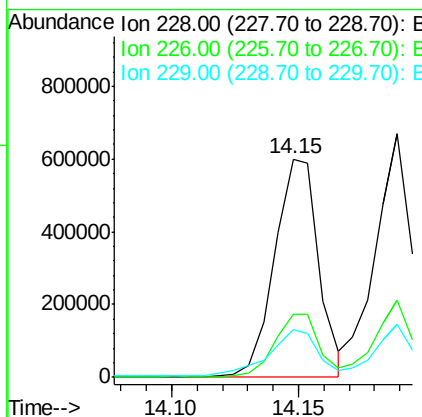
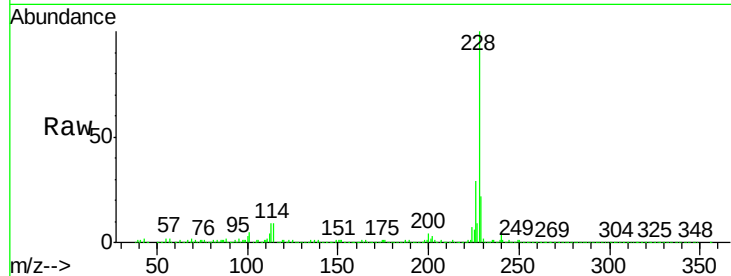




#80
Benzo(a)anthracene
Concen: 72.047 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

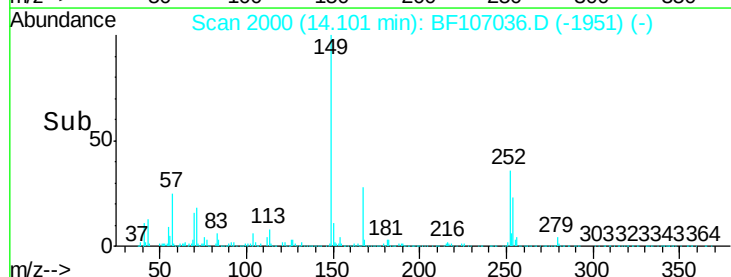
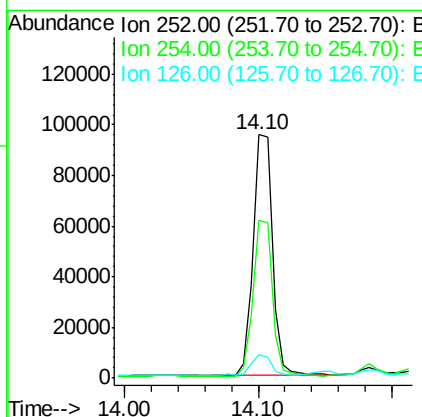
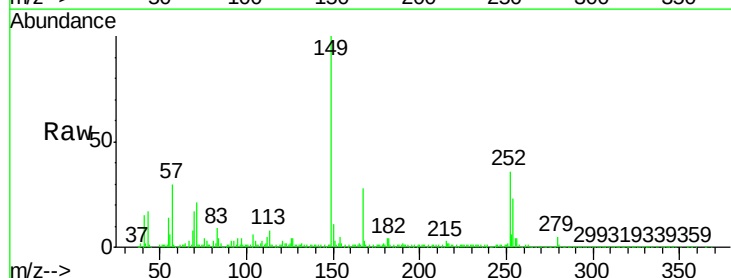
Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

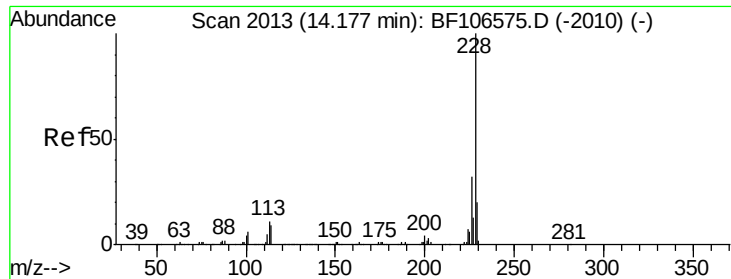
Tgt Ion:228 Resp: 720691
Ion Ratio Lower Upper
228 100
226 29.2 22.6 33.8
229 21.7 15.8 23.6



#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

Tgt 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

Instrument :

BNA_F

ClientSampleId :

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

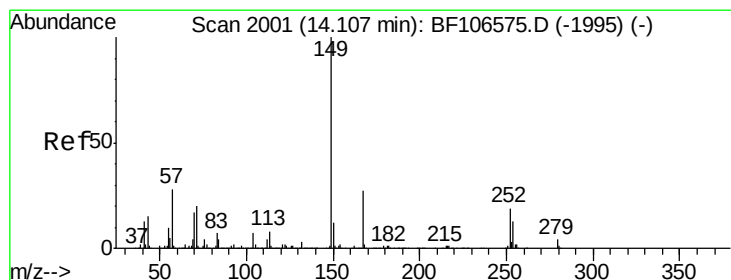
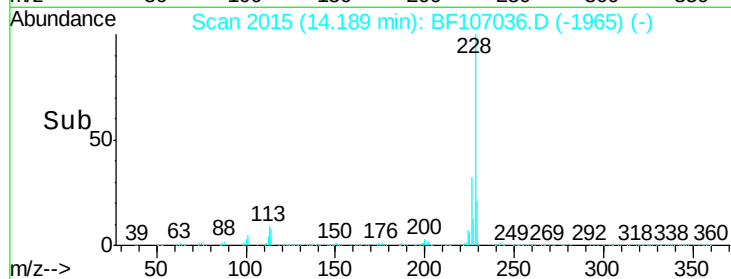
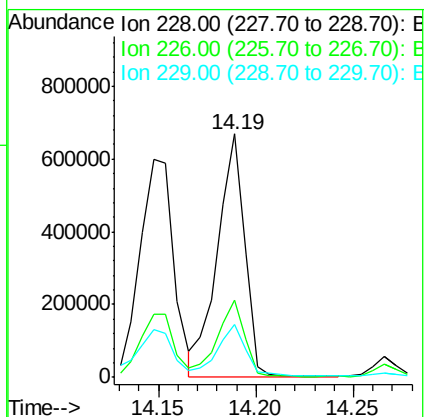
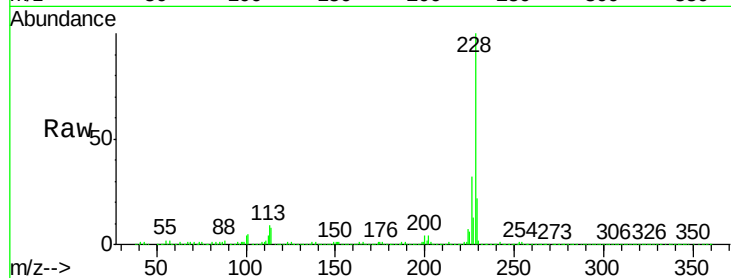
Tgt Ion:228 Resp: 647212

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

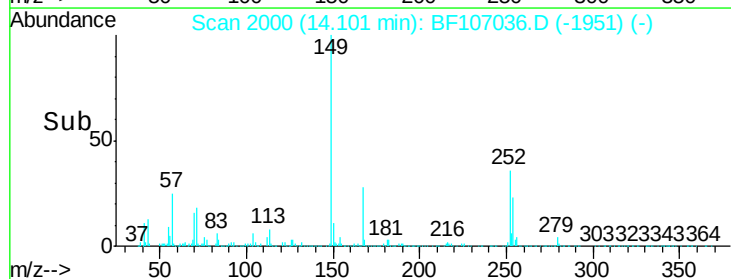
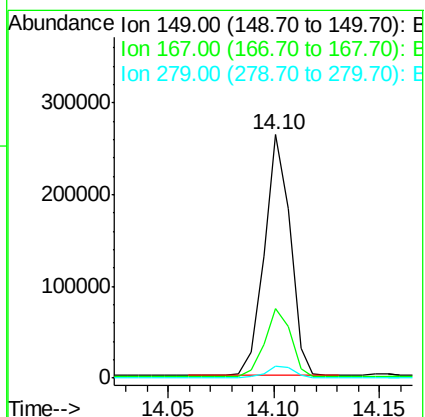
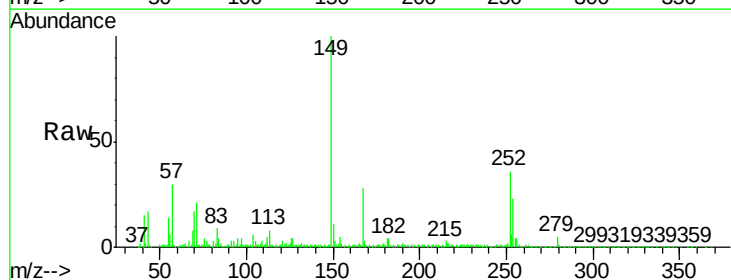
Tgt Ion:149 Resp: 224546

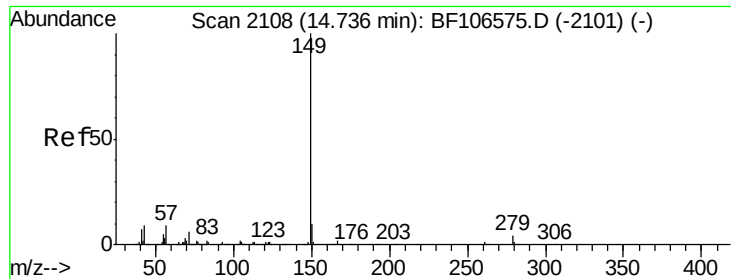
Ion Ratio Lower Upper

149 100

167 28.4 21.3 31.9

279 4.7 3.0 4.4#





#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

Instrument :

BNA_F

ClientSampleId :

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

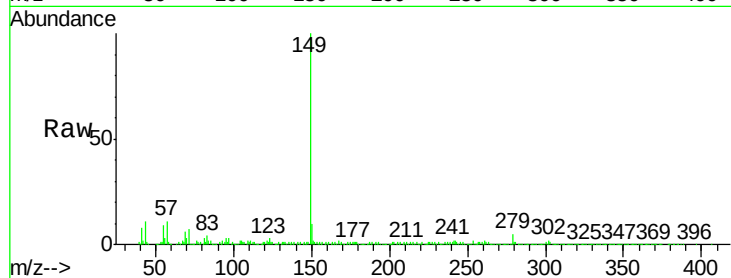
Tgt Ion:149 Resp: 368073

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

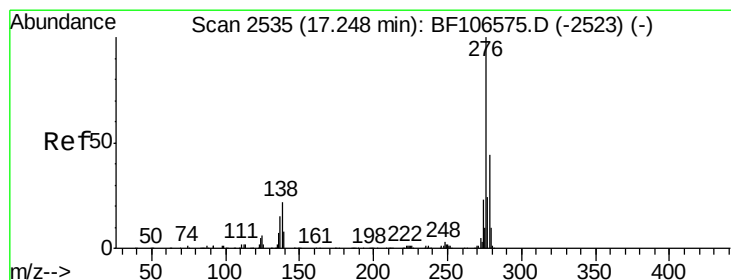
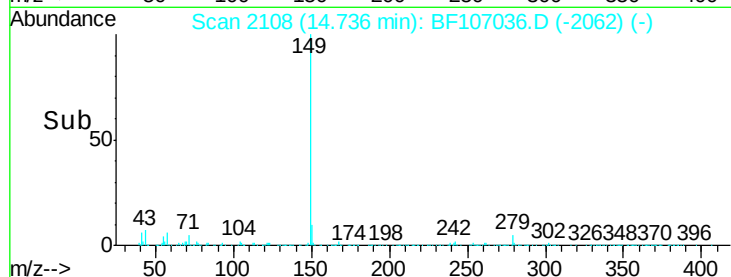
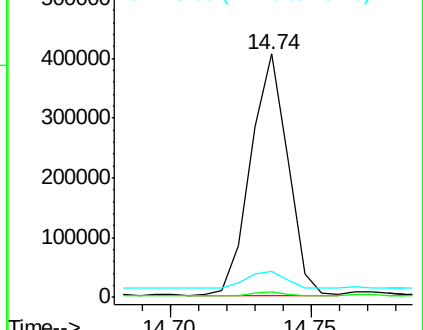
43 7.7 8.4 12.6#



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

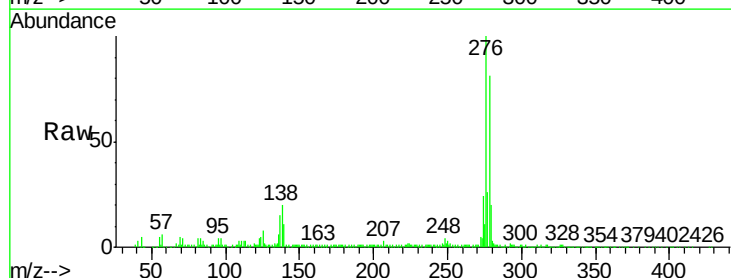
Tgt Ion:276 Resp: 398839

Ion Ratio Lower Upper

276 100

138 18.4 25.0 37.6#

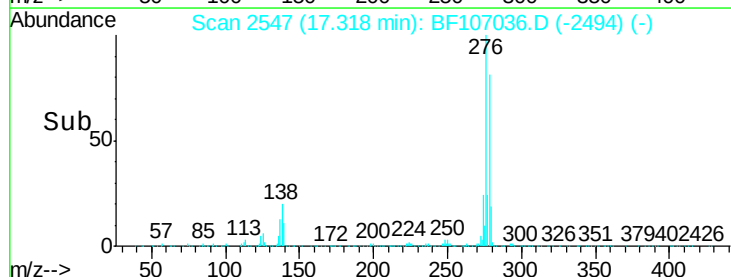
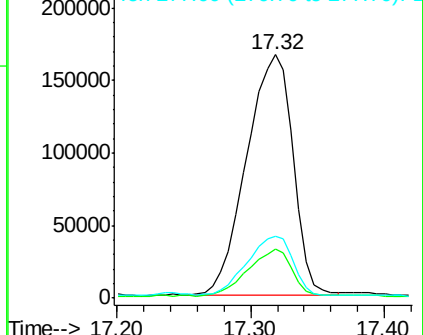
277 24.8 20.1 30.1

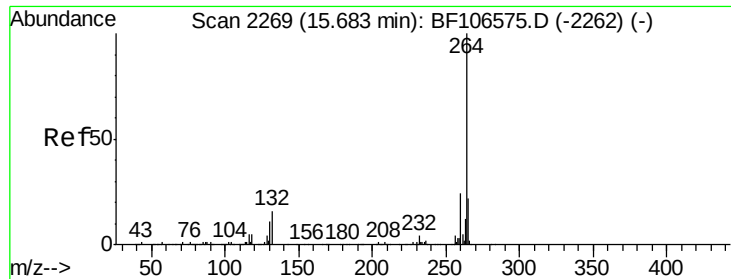


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

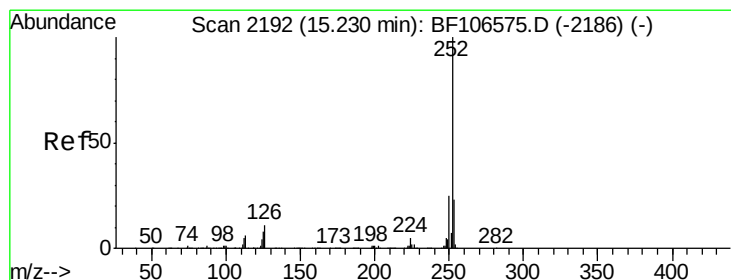
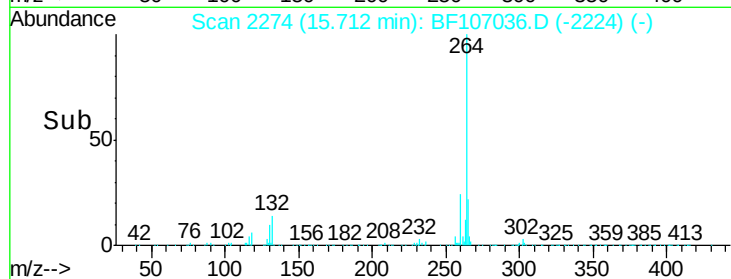
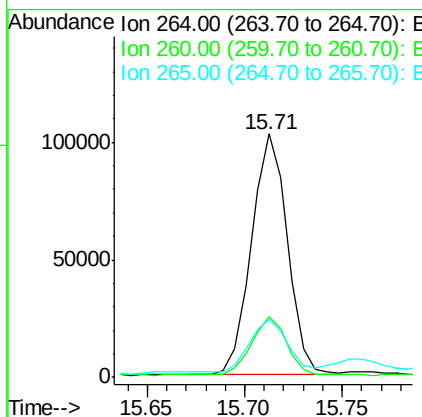
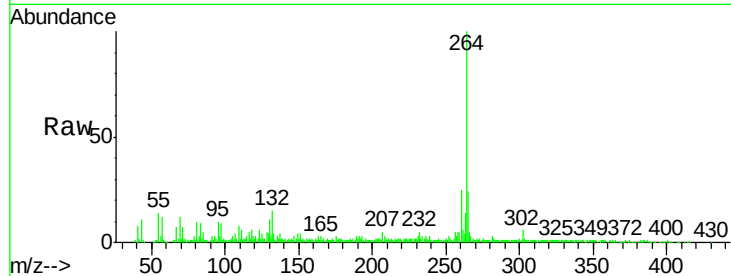




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

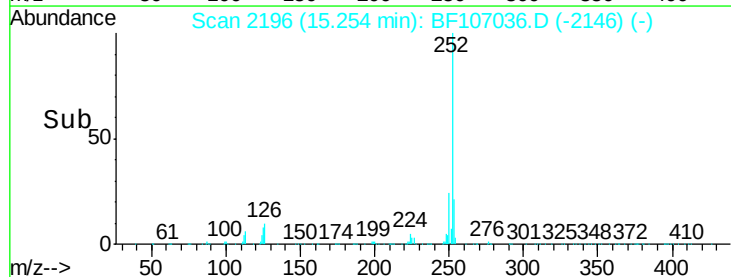
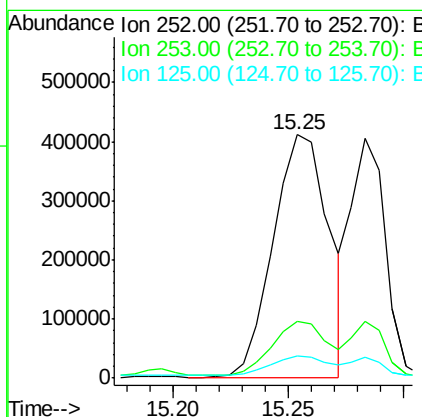
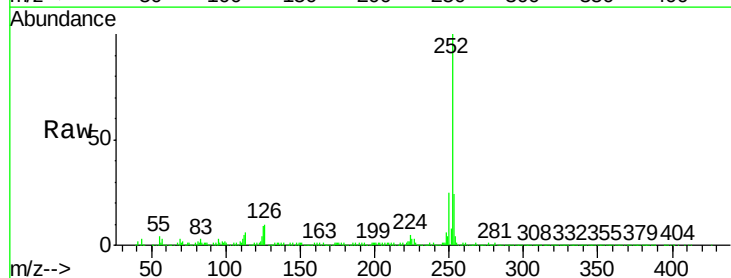
Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

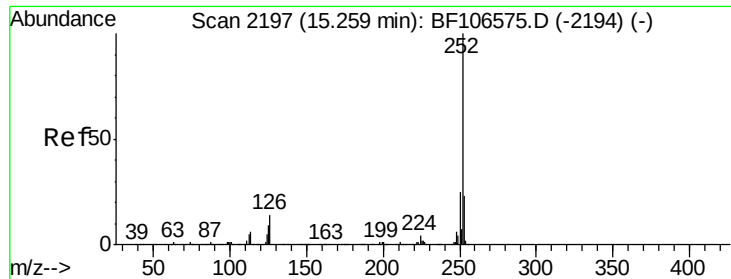
Tgt Ion: 264 Resp: 131331
Ion Ratio Lower Upper
264 100
260 25.0 19.2 28.8
265 23.8 17.5 26.3



#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

Tgt Ion: 252 Resp: 685031
Ion Ratio Lower Upper
252 100
253 23.6 17.0 25.6
125 9.1 9.0 13.6

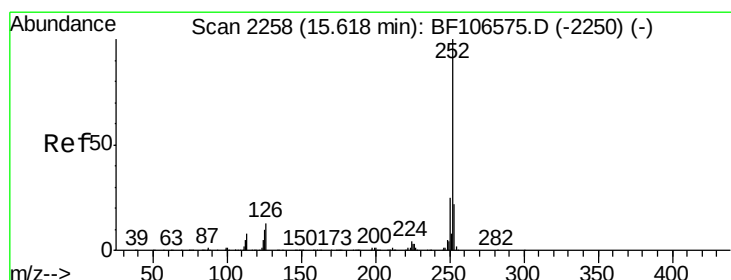
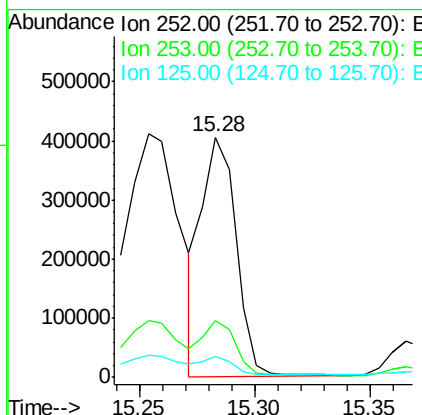
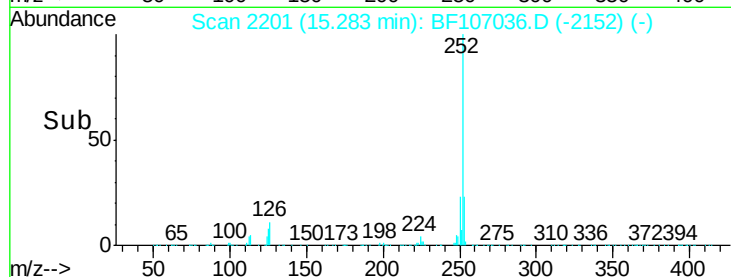
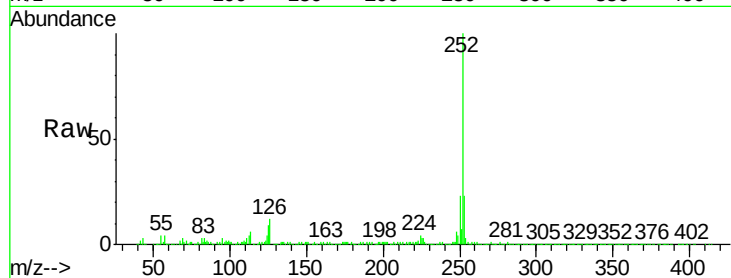




#88
Benzo(k)fluoranthene
Concen: 54.258 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

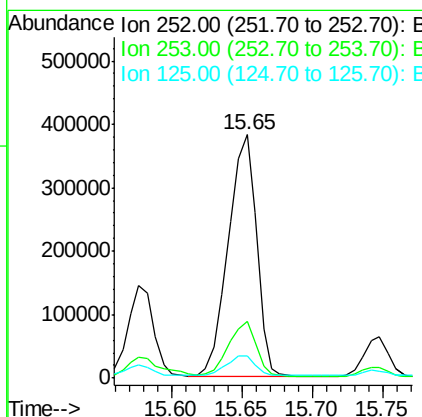
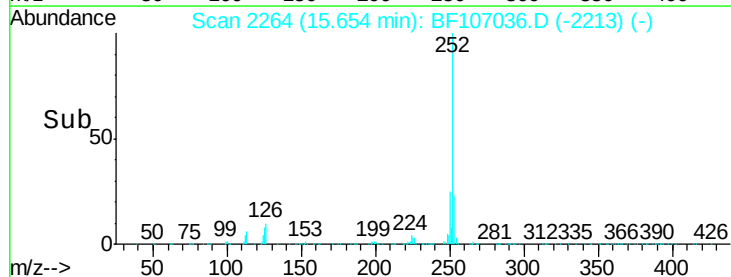
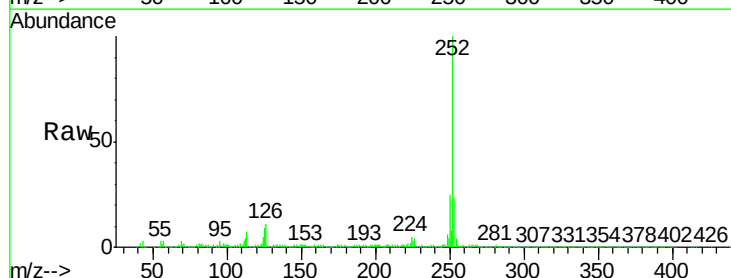
Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

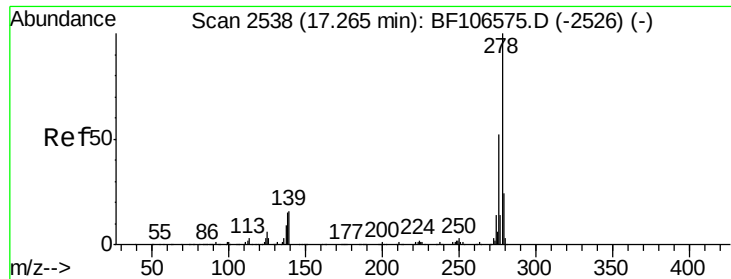
Tgt Ion:252 Resp: 421529
Ion Ratio Lower Upper
252 100
253 23.4 17.9 26.9
125 8.9 10.2 15.2#



#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

Tgt Ion:252 Resp: 537124
Ion Ratio Lower Upper
252 100
253 23.3 17.1 25.7
125 9.0 9.8 14.6#

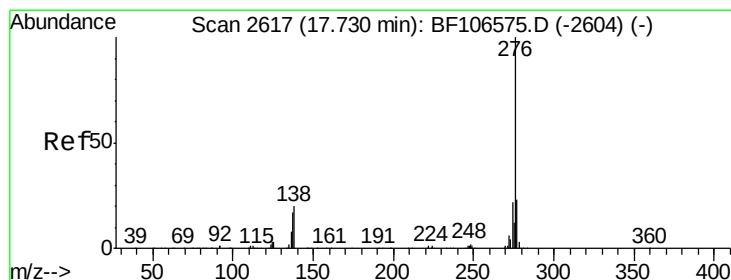
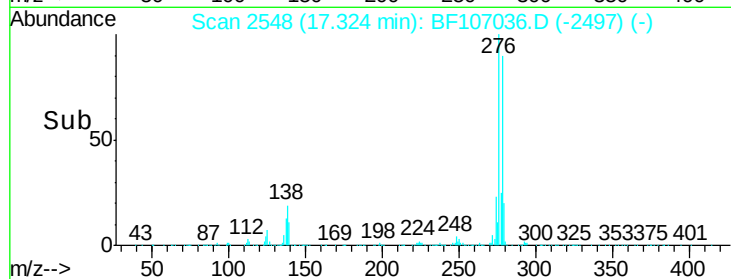
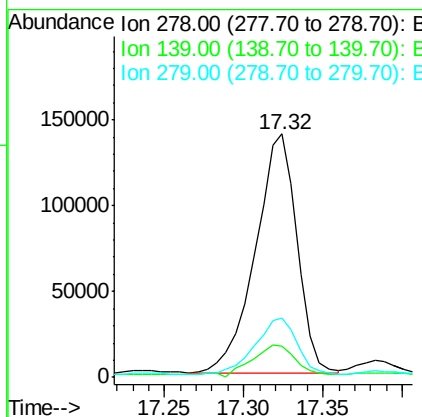
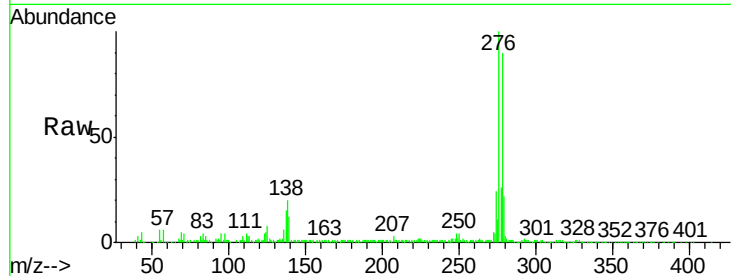




#90
Dibenzo(a,h)anthracene
Concen: 41.402 ng
RT: 17.32 min Scan# 2548
Delta R.T. 0.00 min
Lab File: BF107036.D
Acq: 2 Jul 2018 11:28

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

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.9	15.9	23.9#
279	24.2	19.0	28.4



#91
Benzo(g,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

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	16.6	21.8	32.8#

