

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070718\
 Data File : BF107202.D
 Acq On : 7 Jul 2018 13:23
 Operator : JU/SJ
 Sample : J3791-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jul 09 02:12:17 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	63281	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	242911	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	126979	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	248942	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	168041	20.00	ng	-0.03
86) Perylene-d12	15.68	264	179855	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	438567	117.35	ng	-0.01
7) Phenol-d6	6.60	99	550328	117.92	ng	-0.01
23) Nitrobenzene-d5	7.52	82	359595	82.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	194451	132.12	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	618428	81.90	ng	-0.02
78) Terphenyl-d14	13.07	244	711762	102.60	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.81	88	57664	30.013	ng	99
3) Pyridine	3.60	79	172474	33.100	ng	97
4) n-Nitrosodimethylamine	3.57	42	76510	34.571	ng	84
6) Aniline	6.62	93	226695	35.809	ng	# 89
8) 2-Chlorophenol	6.74	128	169299	41.303	ng	99
9) Benzaldehyde	6.50	77	89014	25.358	ng	98
10) Phenol	6.61	94	212144	39.831	ng	73
11) bis(2-Chloroethyl)ether	6.68	93	173960	39.564	ng	98
12) 1,3-Dichlorobenzene	6.89	146	191228	39.833	ng	97
13) 1,4-Dichlorobenzene	6.97	146	191877	39.533	ng	97
14) 1,2-Dichlorobenzene	7.12	146	178544	40.139	ng	97
15) Benzyl Alcohol	7.10	79	144177	38.474	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.22	45	235177	40.766	ng	63
17) 2-Methylphenol	7.21	107	147700	42.107	ng	# 90
18) Hexachloroethane	7.45	117	66354	38.876	ng	# 87
19) n-Nitroso-di-n-propylamine	7.36	70	116948	38.016	ng	92
20) 3+4-Methylphenols	7.36	107	181408	49.188	ng	# 68
22) Acetophenone	7.36	105	231191	42.541	ng	# 94
24) Nitrobenzene	7.54	77	186379	41.765	ng	99
25) Isophorone	7.77	82	351697	45.661	ng	99
26) 2-Nitrophenol	7.85	139	98438	46.727	ng	100
27) 2,4-Dimethylphenol	7.88	122	162729	49.976	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	222576	43.039	ng	98
29) 2,4-Dichlorophenol	8.10	162	162449	47.653	ng	94
30) 1,2,4-Trichlorobenzene	8.17	180	172429	45.915	ng	98
31) Naphthalene	8.25	128	488238	42.991	ng	100
32) Benzoic acid	7.98	122	6997	8.333	ng	91
33) 4-Chloroaniline	8.31	127	192640	40.426	ng	98
34) Hexachlorobutadiene	8.35	225	110742	45.256	ng	100
35) Caprolactam	8.68	113	31923	28.728	ng	99
36) 4-Chloro-3-methylphenol	8.80	107	165912	46.239	ng	98
37) 2-Methylnaphthalene	8.94	142	364603	48.436	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	189705	44.362	ng	# 96
40) Hexachlorocyclopentadiene	9.09	237	68307	31.047	ng	97

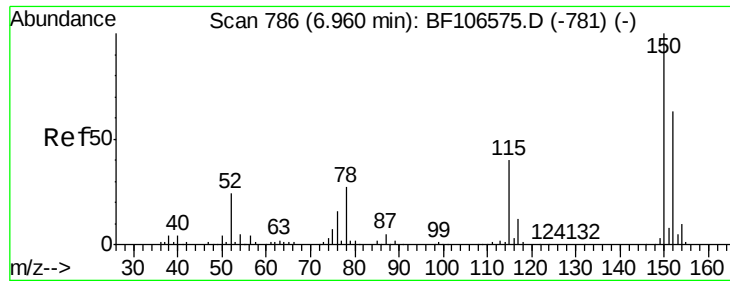
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070718\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	110539	38.888	ng	93
43) 2,4,5-Trichlorophenol	9.28	196	113739	38.347	ng	# 87
45) 1,1'-Biphenyl	9.41	154	436064	43.091	ng	98
46) 2-Chloronaphthalene	9.44	162	320874	40.283	ng	95
47) 2-Nitroaniline	9.54	65	105545	39.403	ng	99
48) Acenaphthylene	9.85	152	503645	40.048	ng	99
49) Dimethylphthalate	9.71	163	471629	49.522	ng	98
50) 2,6-Dinitrotoluene	9.78	165	91362	45.304	ng	# 78
51) Acenaphthene	10.02	154	309756	39.114	ng	98
52) 3-Nitroaniline	9.95	138	85420	36.809	ng	99
53) 2,4-Dinitrophenol	10.07	184	22459	25.340	ng	# 16
54) Dibenzofuran	10.20	168	458815	42.311	ng	98
55) 4-Nitrophenol	10.14	139	74164	45.785	ng	97
56) 2,4-Dinitrotoluene	10.19	165	114295	43.420	ng	94
57) Fluorene	10.54	166	373375	43.390	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	99695	42.284	ng	# 77
59) Diethylphthalate	10.40	149	363967	39.597	ng	# 94
60) 4-Chlorophenyl-phenylether	10.52	204	196888	43.730	ng	# 86
61) 4-Nitroaniline	10.58	138	92448	40.141	ng	95
62) Azobenzene	10.69	77	348646	38.517	ng	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	56735	36.869	ng	# 69
65) n-Nitrosodiphenylamine	10.65	169	325436	38.866	ng	99
66) 4-Bromophenyl-phenylether	11.02	248	134805	45.374	ng	# 80
67) Hexachlorobenzene	11.09	284	141135	45.388	ng	# 87
68) Atrazine	11.18	200	112734	42.351	ng	94
69) Pentachlorophenol	11.29	266	72389	46.656	ng	98
70) Phenanthrene	11.51	178	535812	44.625	ng	98
71) Anthracene	11.56	178	551996	45.040	ng	99
72) Carbazole	11.72	167	479378	41.779	ng	98
73) Di-n-butylphthalate	12.02	149	538745	39.855	ng	99
74) Fluoranthene	12.71	202	550427	41.592	ng	93
76) Benzidine	12.82	184	248277	51.878	ng	97
77) Pyrene	12.94	202	539728	48.707	ng	99
79) Butylbenzylphthalate	13.53	149	188735	41.425	ng	# 96
80) Benzo(a)anthracene	14.13	228	450112	43.949	ng	100
81) 3,3'-Dichlorobenzidine	14.08	252	143137	39.766	ng	# 97
82) Chrysene	14.17	228	412415	43.771	ng	100
83) Bis(2-ethylhexyl)phthalate	14.08	149	228090	39.159	ng	# 97
84) Di-n-octyl phthalate	14.71	149	389878	41.063	ng	96
85) Indeno(1,2,3-cd)pyrene	17.27	276	545286	68.195	ng	# 89
87) Benzo(b)fluoranthene	15.22	252	465453	41.661	ng	# 96
88) Benzo(k)fluoranthene	15.25	252	401116	37.701	ng	# 94
89) Benzo(a)pyrene	15.61	252	434395	43.736	ng	# 96
90) Dibenzo(a,h)anthracene	17.28	278	452611	53.771	ng	# 92
91) Benzo(g,h,i)perylene	17.75	276	472487	57.429	ng	# 89

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

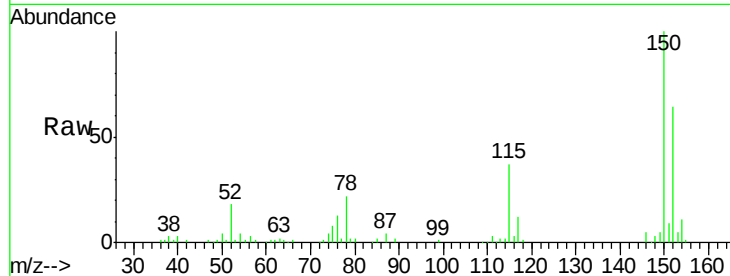


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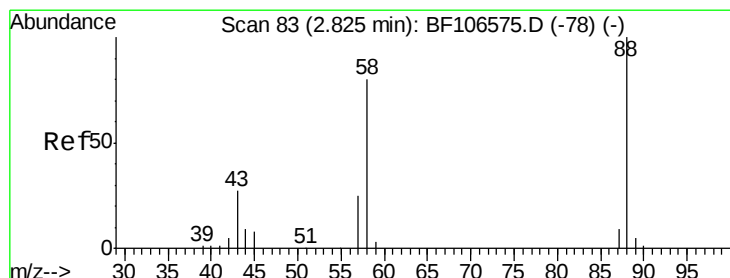
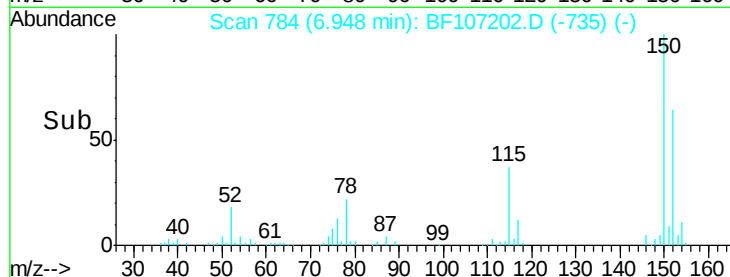
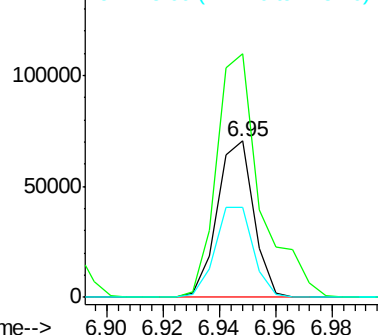
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107202.D
Acq: 7 Jul 2018 13:23

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

Tgt Ion: 152 Resp: 63281
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 57.8 50.1 75.1



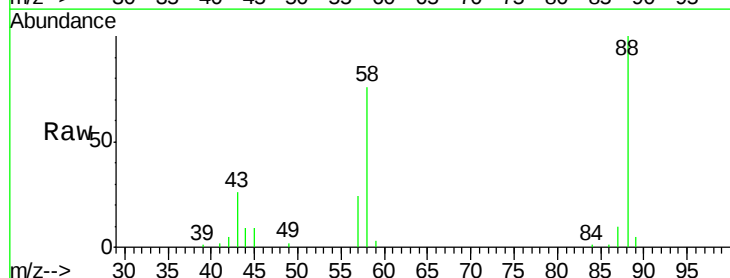
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



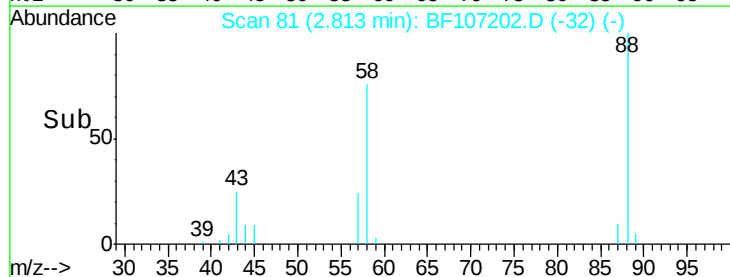
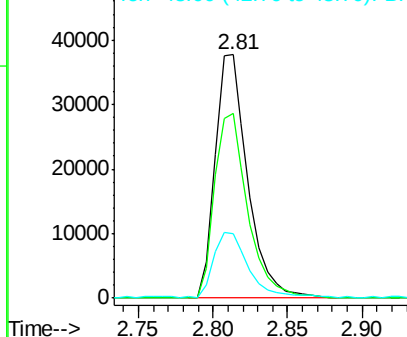
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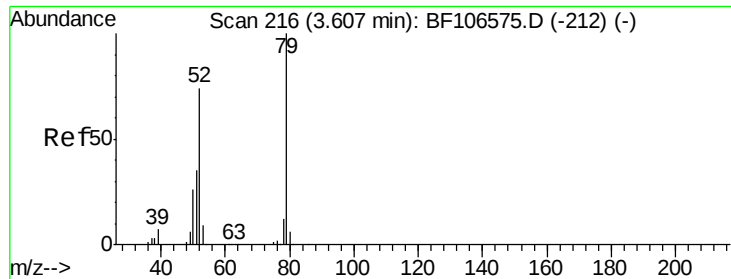
1,4-Dioxane
Concen: 30.013 ng
RT: 2.81 min Scan# 81
Delta R.T. -0.01 min
Lab File: BF107202.D
Acq: 7 Jul 2018 13:23

Tgt Ion: 88 Resp: 57664
Ion Ratio Lower Upper
88 100
58 77.4 62.6 93.8
43 29.8 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: 33.100 ng

RT: 3.60 min Scan# 215

Delta R.T. -0.01 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72MSD

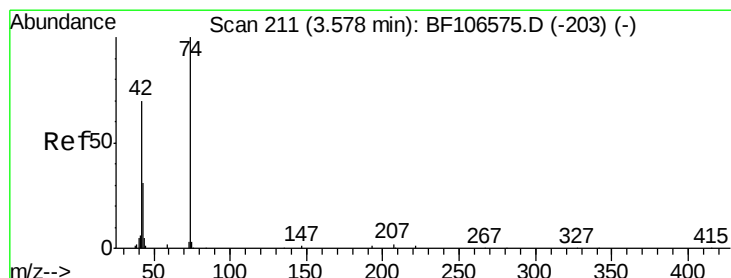
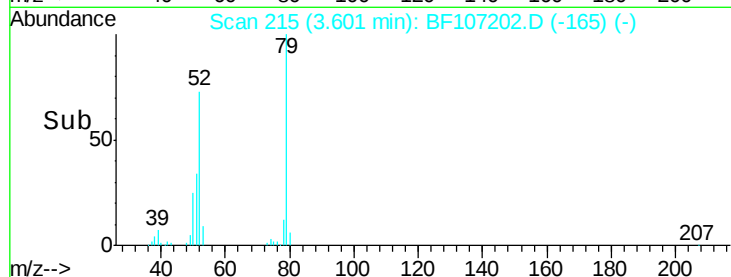
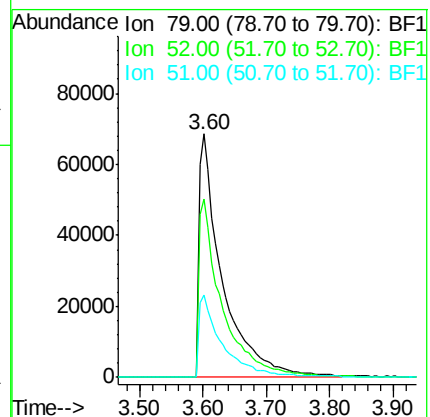
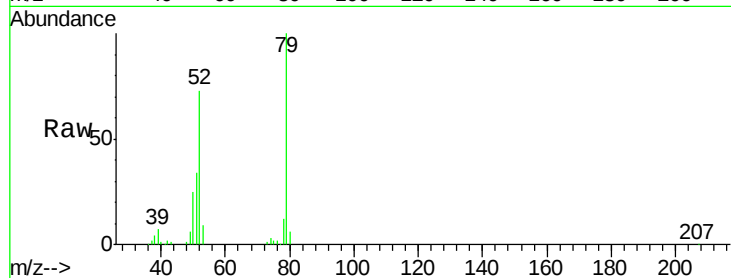
Tgt Ion: 79 Resp: 172474

Ion Ratio Lower Upper

79 100

52 73.2 59.8 89.6

51 33.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 34.571 ng

RT: 3.57 min Scan# 209

Delta R.T. -0.02 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

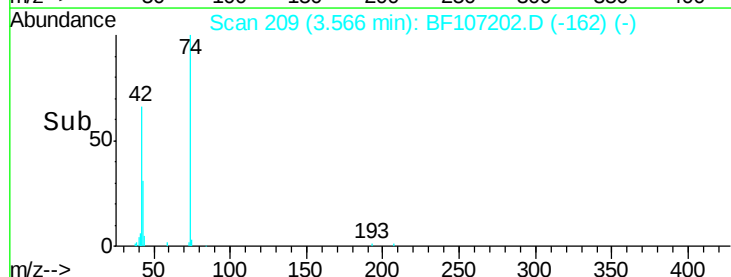
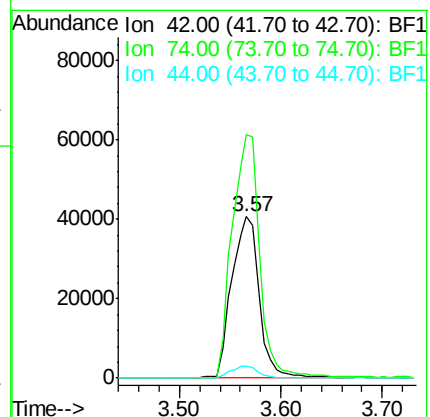
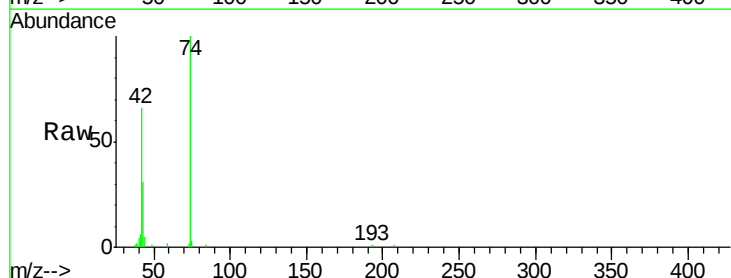
Tgt Ion: 42 Resp: 76510

Ion Ratio Lower Upper

42 100

74 150.8 104.9 157.3

44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 117.355 ng

RT: 5.59 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72MSD

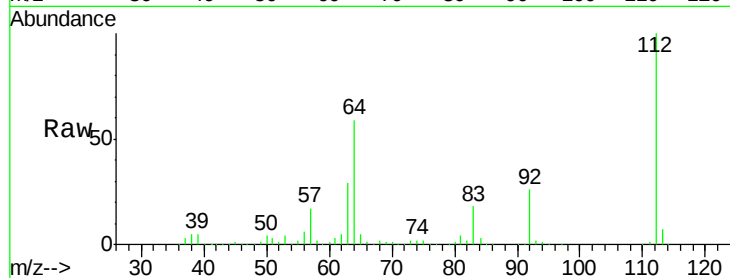
Tgt Ion: 112 Resp: 438567

Ion Ratio Lower Upper

112 100

64 58.5 47.9 71.9

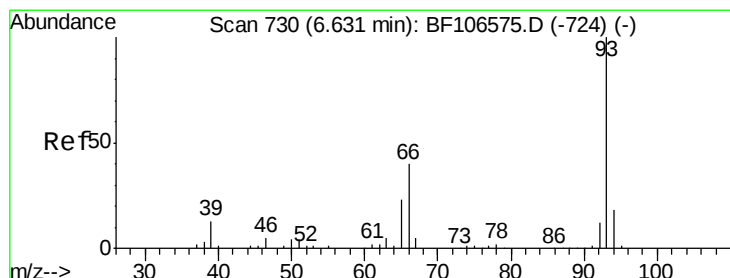
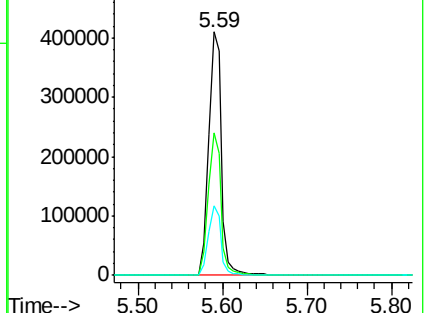
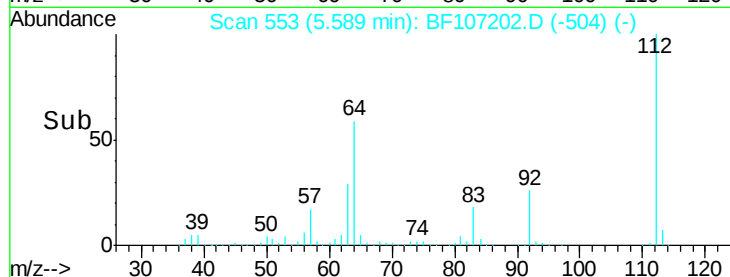
63 28.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.809 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

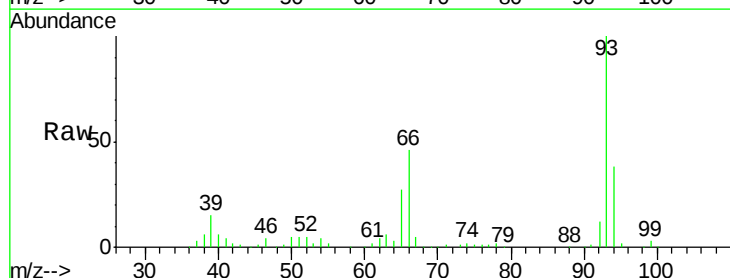
Tgt Ion: 93 Resp: 226695

Ion Ratio Lower Upper

93 100

66 46.4 32.2 48.2

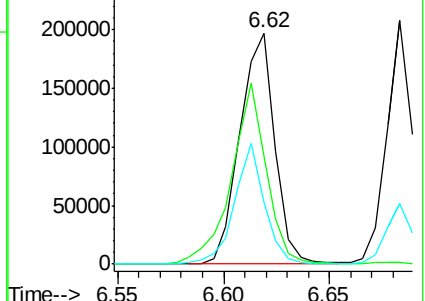
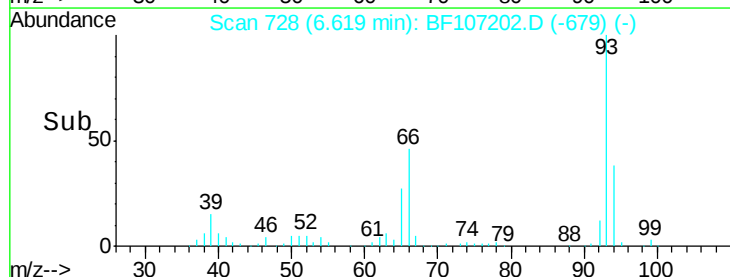
65 26.9 16.4 24.6#



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: 117.921 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107202.D

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ClientSampleId :

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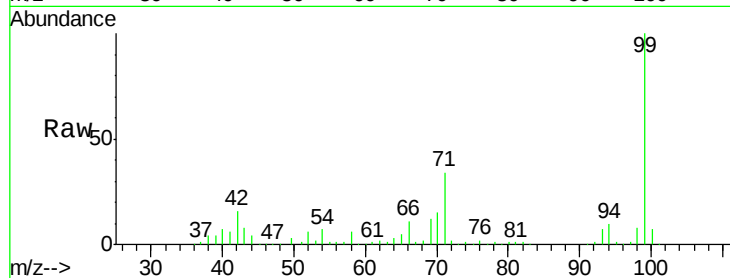
Tgt Ion: 99 Resp: 550328

Ion Ratio Lower Upper

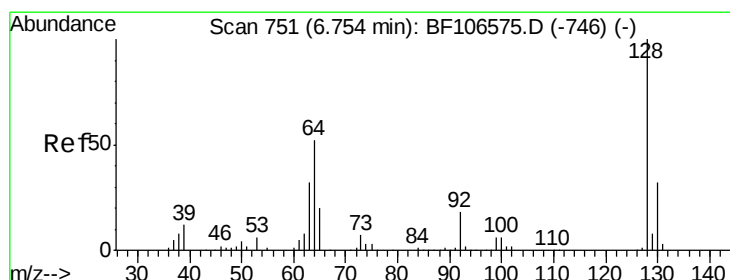
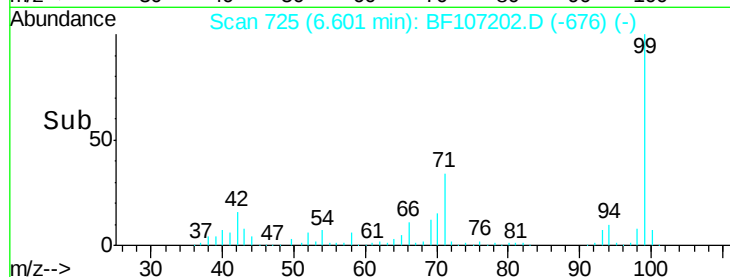
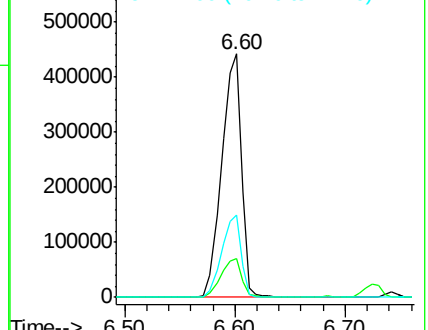
99 100

42 15.9 14.5 21.7

71 33.9 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: 41.303 ng

RT: 6.74 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

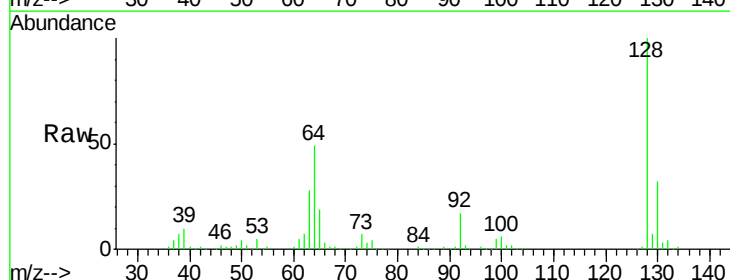
Tgt Ion: 128 Resp: 169299

Ion Ratio Lower Upper

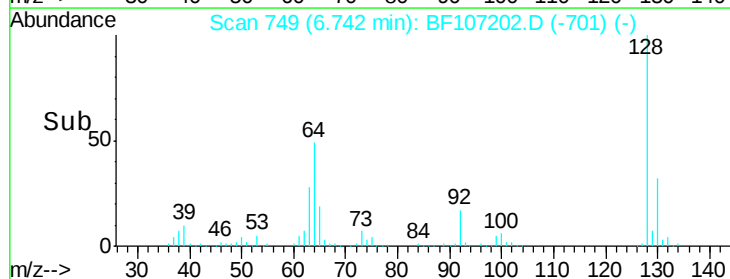
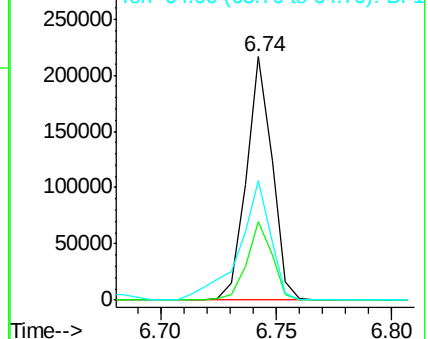
128 100

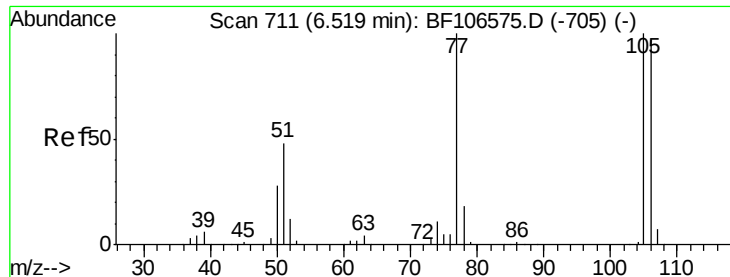
130 32.5 13.0 53.0

64 49.2 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: 25.358 ng

RT: 6.50 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

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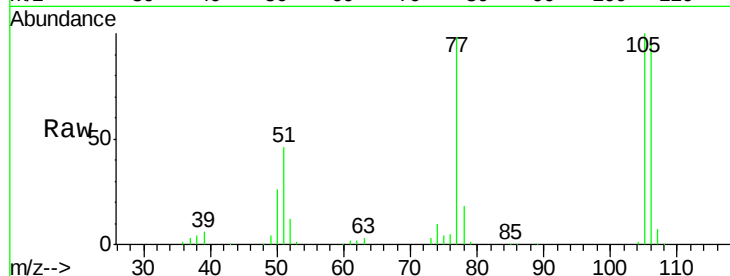
Tgt Ion: 77 Resp: 89014

Ion Ratio Lower Upper

77 100

105 101.8 81.1 121.1

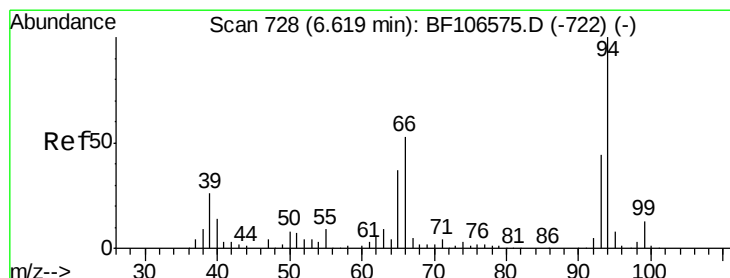
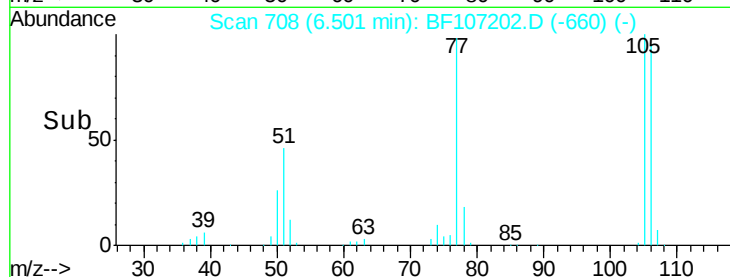
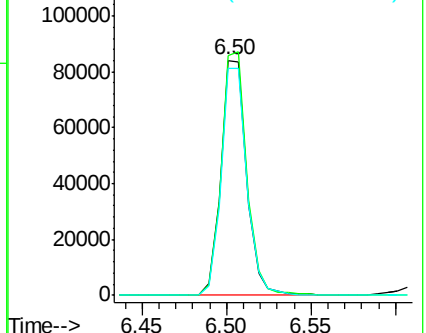
106 96.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.831 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

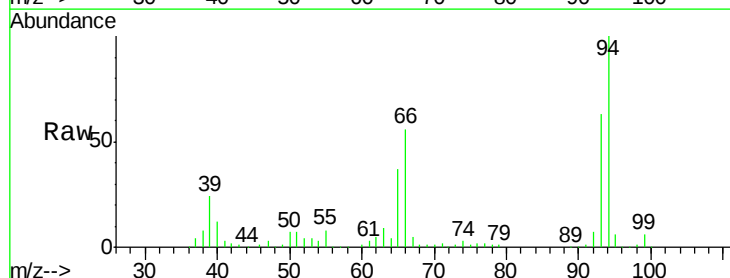
Tgt Ion: 94 Resp: 212144

Ion Ratio Lower Upper

94 100

65 37.5 7.9 47.9

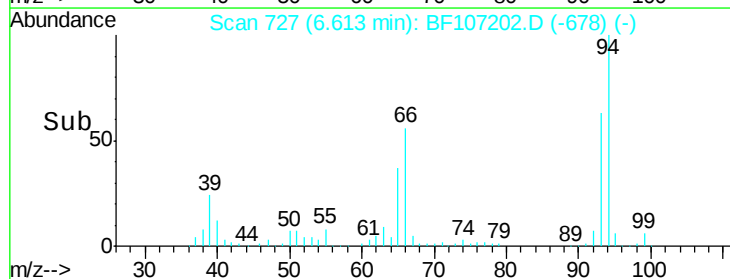
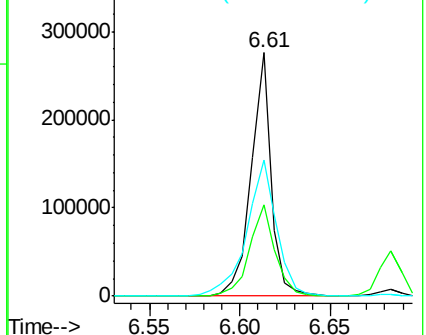
66 55.8 16.2 56.2

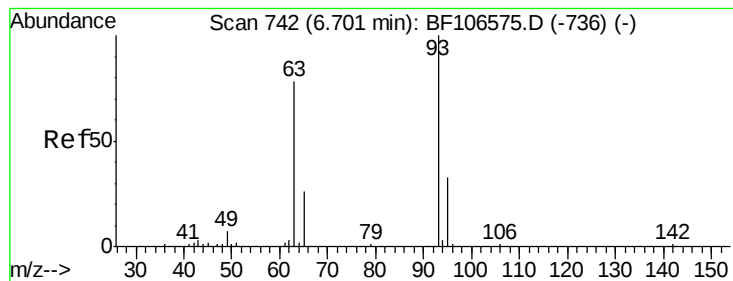


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

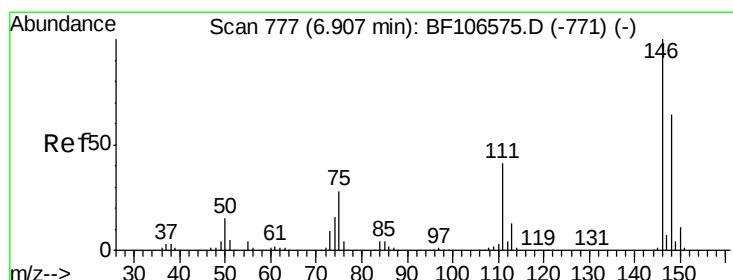
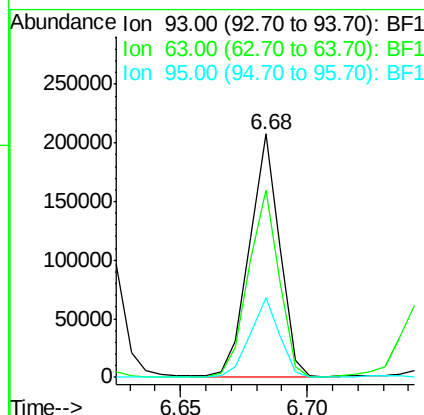
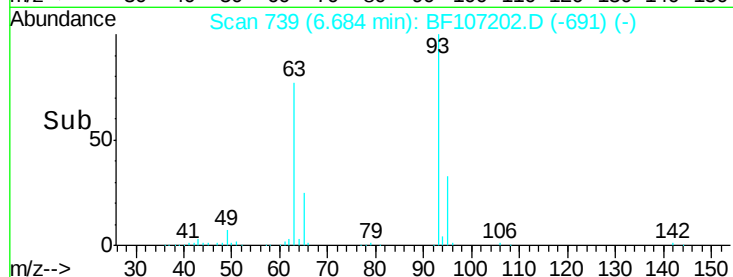
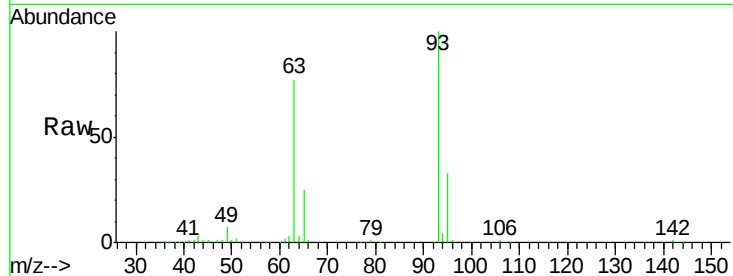




#11
 bis(2-Chloroethyl)ether
 Concen: 39.564 ng
 RT: 6.68 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF107202.D
 Acq: 7 Jul 2018 13:23

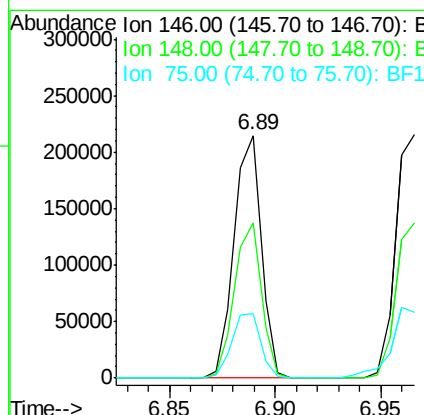
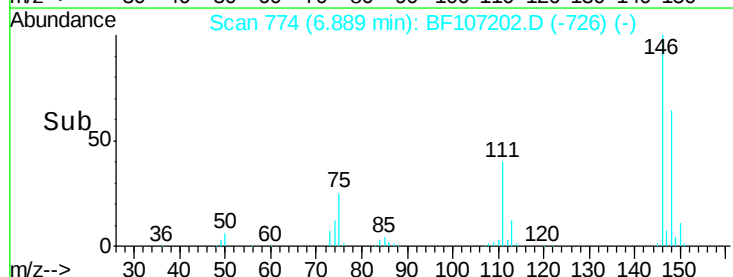
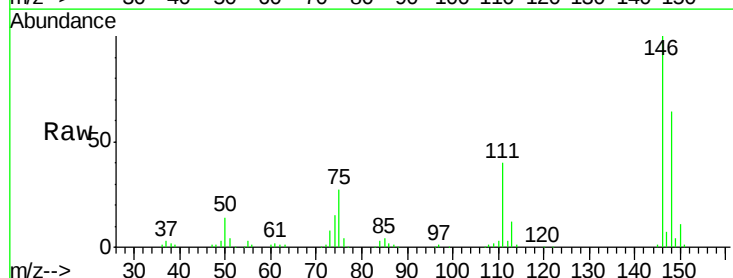
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72MSD

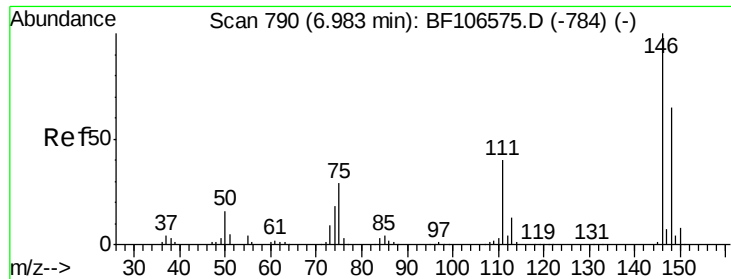
Tgt Ion: 93 Resp: 173960
 Ion Ratio Lower Upper
 93 100
 63 77.1 58.6 98.6
 95 32.6 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 39.833 ng
 RT: 6.89 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF107202.D
 Acq: 7 Jul 2018 13:23

Tgt Ion: 146 Resp: 191228
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.8 77.8
 75 26.5 24.2 36.4

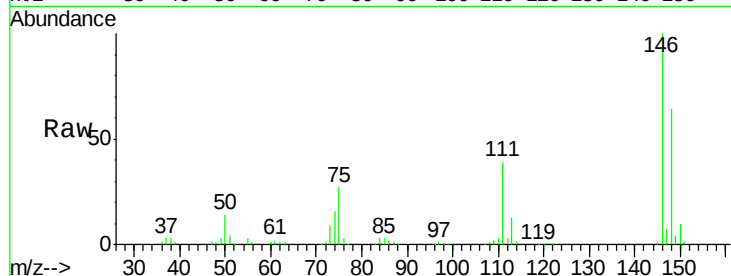




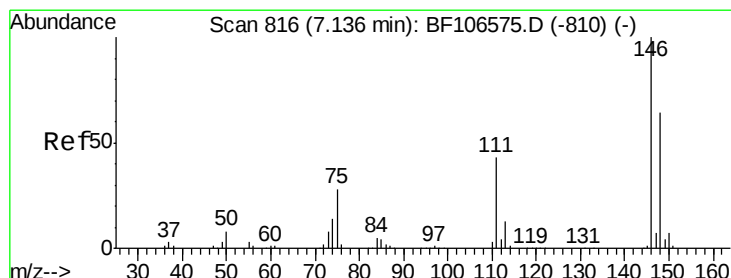
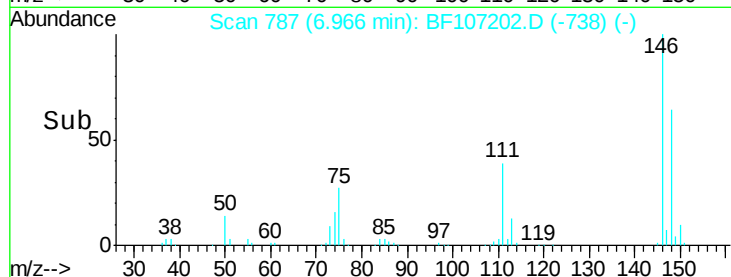
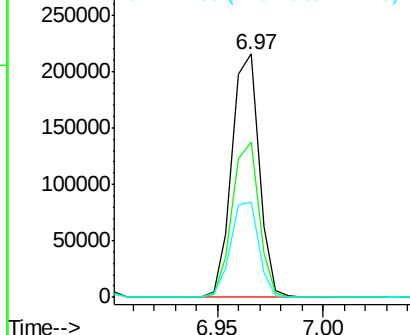
#13
 1,4-Dichlorobenzene
 Concen: 39.533 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF107202.D
 Acq: 7 Jul 2018 13:23

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

Tgt Ion:146 Resp: 191877
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.8 76.2
 111 39.1 34.2 51.2

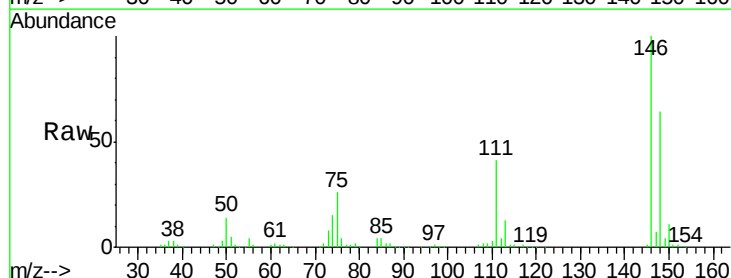


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

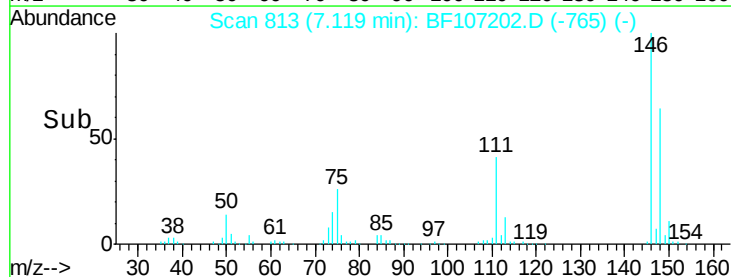
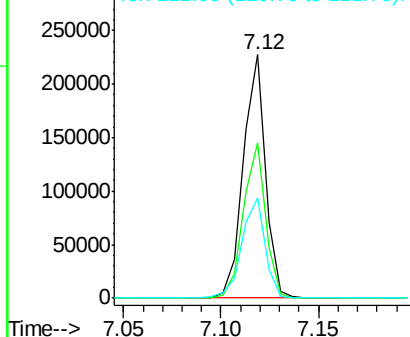


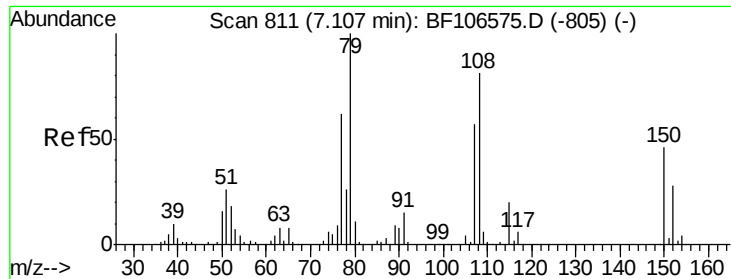
#14
 1,2-Dichlorobenzene
 Concen: 40.139 ng
 RT: 7.12 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF107202.D
 Acq: 7 Jul 2018 13:23

Tgt Ion:146 Resp: 178544
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 75.8
 111 41.4 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

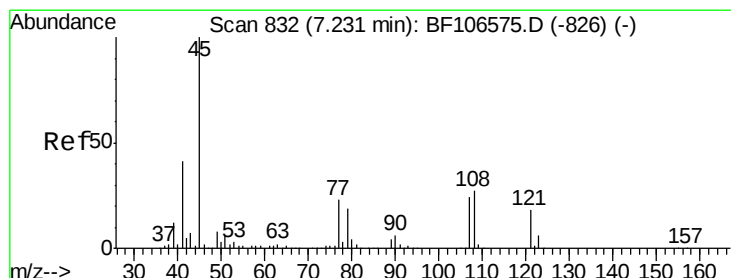
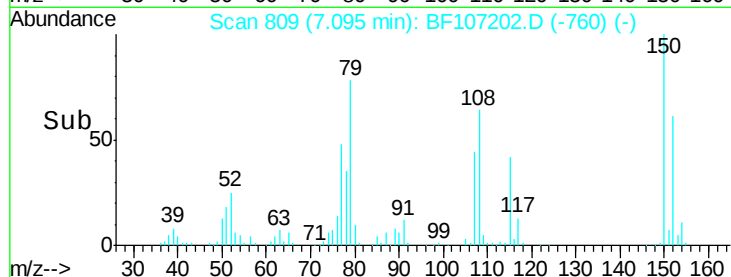
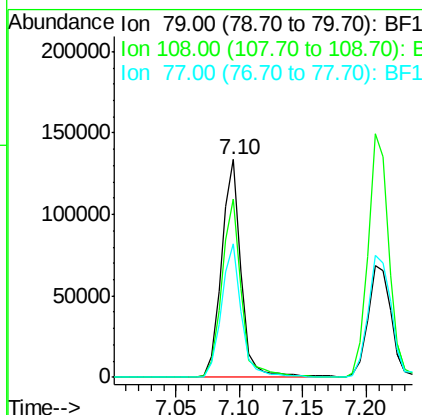
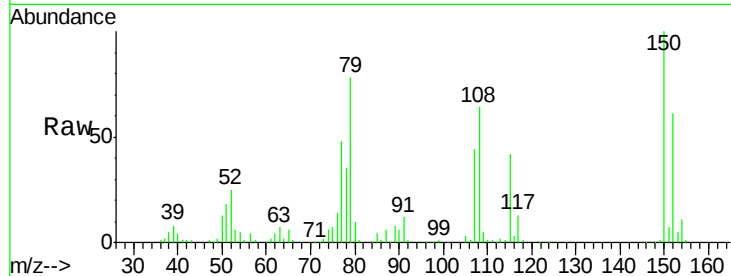




#15
Benzyl Alcohol
Concen: 38.474 ng
RT: 7.10 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF107202.D
Acq: 7 Jul 2018 13:23

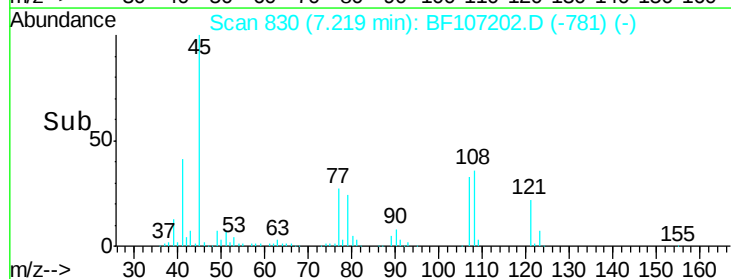
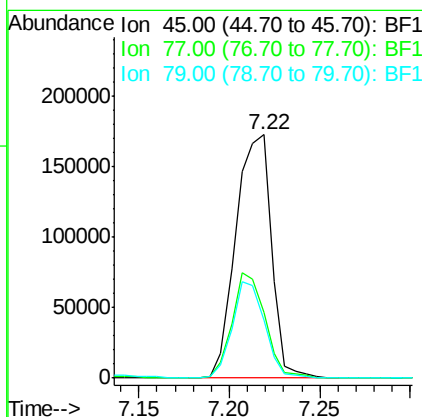
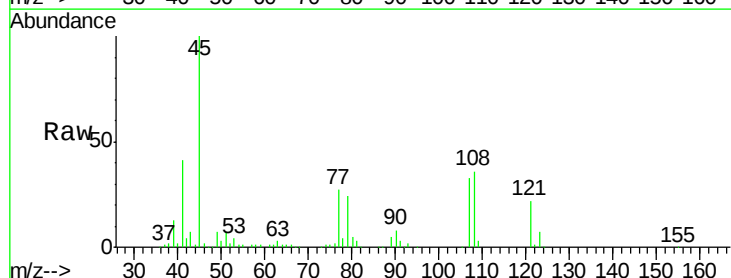
Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MSD

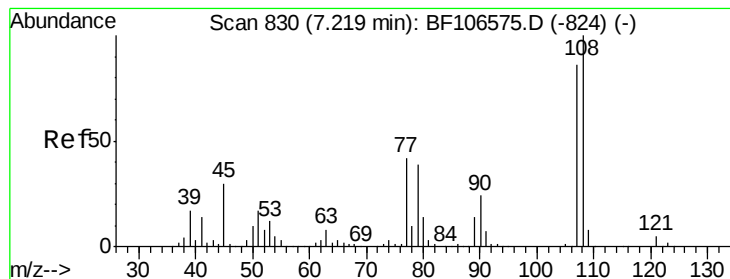
Tgt Ion: 79 Resp: 144177
Ion Ratio Lower Upper
79 100
108 81.9 65.1 97.7
77 61.5 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.766 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107202.D
Acq: 7 Jul 2018 13:23

Tgt Ion: 45 Resp: 235177
Ion Ratio Lower Upper
45 100
77 27.1 0.0 32.9
79 23.8 0.0 29.6





#17

2-Methylphenol

Concen: 42.107 ng

RT: 7.21 min Scan# 828

Delta R.T. -0.02 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72MSD

Tgt Ion:107 Resp: 147700

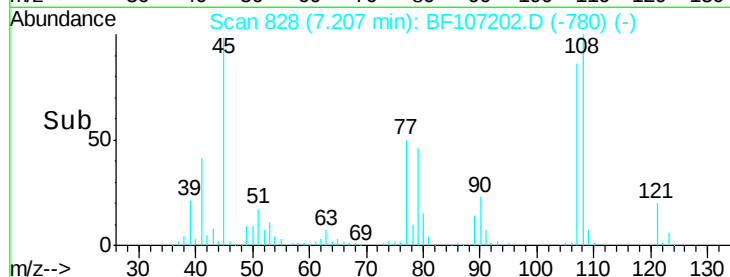
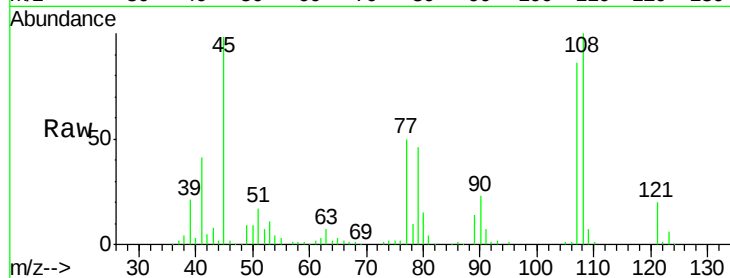
Ion Ratio Lower Upper

107 100

108 115.8 91.7 137.5

77 58.0 33.8 50.8#

79 53.3 33.8 50.8#

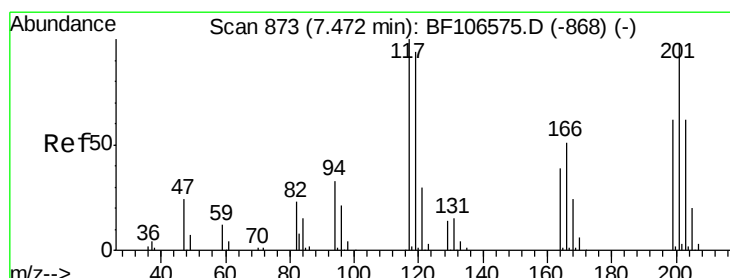
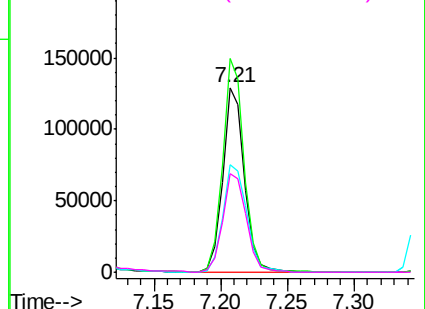


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.876 ng

RT: 7.45 min Scan# 870

Delta R.T. -0.02 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

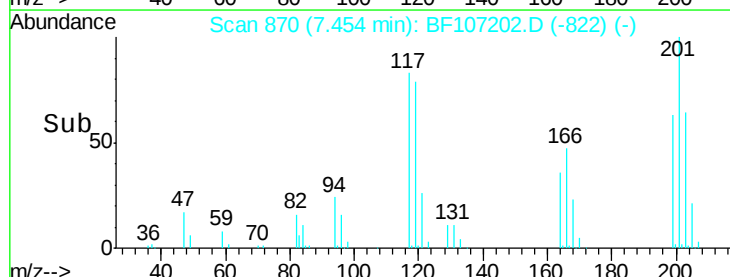
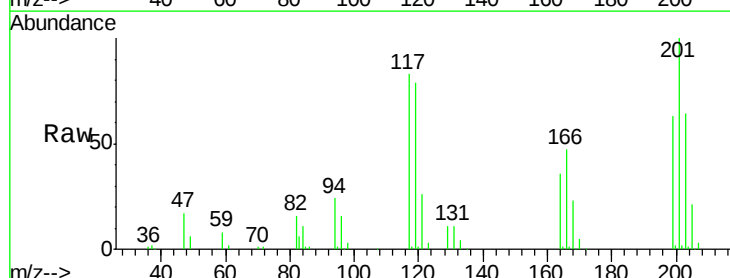
Tgt Ion:117 Resp: 66354

Ion Ratio Lower Upper

117 100

119 95.1 75.8 113.8

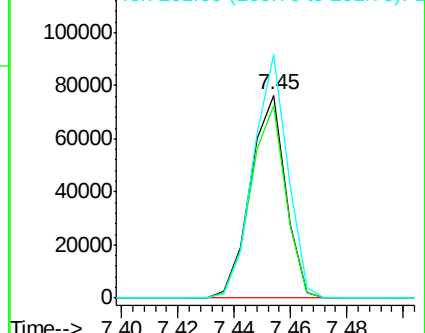
201 119.9 75.7 113.5#

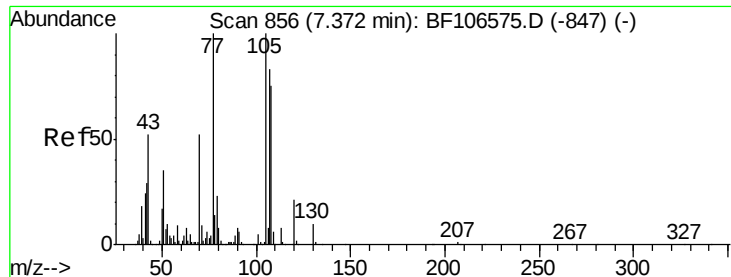


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

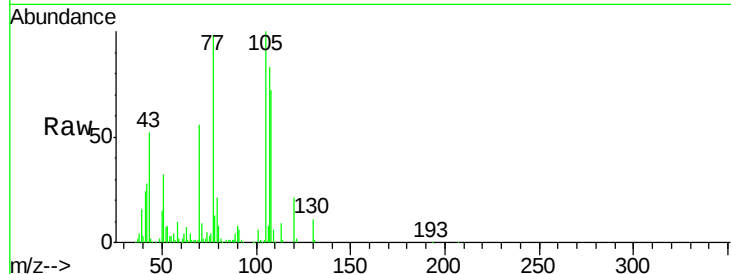




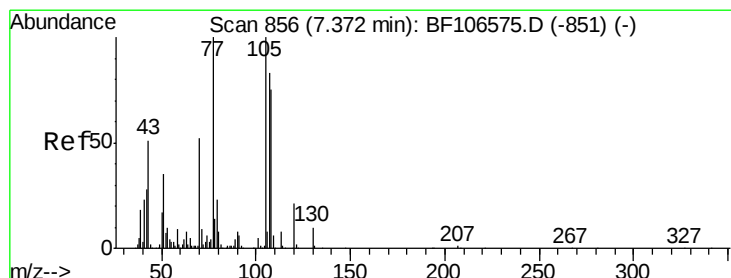
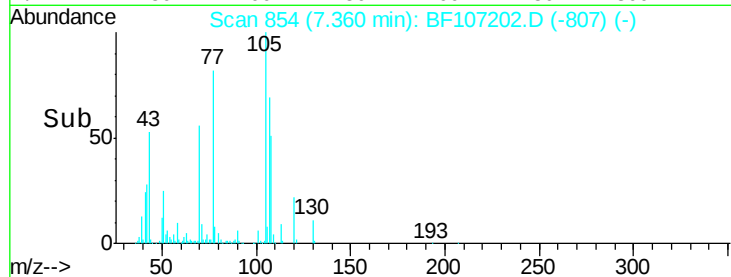
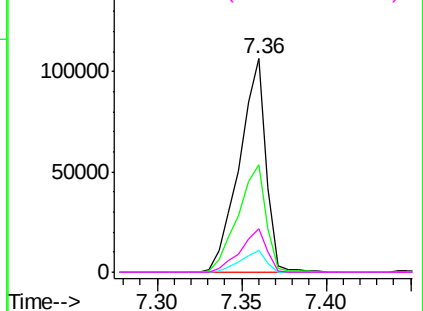
#19
n-Nitroso-di-n-propylamine
Concen: 38.016 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF107202.D
Acq: 7 Jul 2018 13:23

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

Tgt Ion:	70	Resp:	116948
Ion	Ratio	Lower	Upper
70	100		
42	50.6	47.5	71.3
101	10.3	7.4	11.2
130	20.4	16.6	25.0

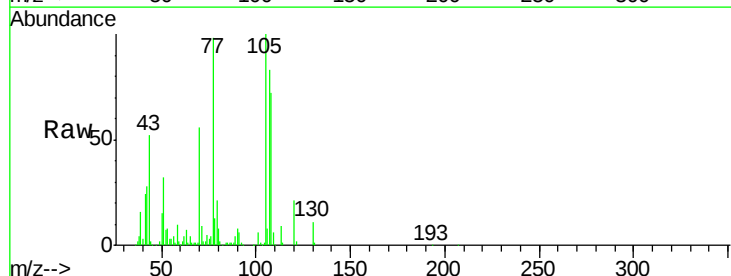


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

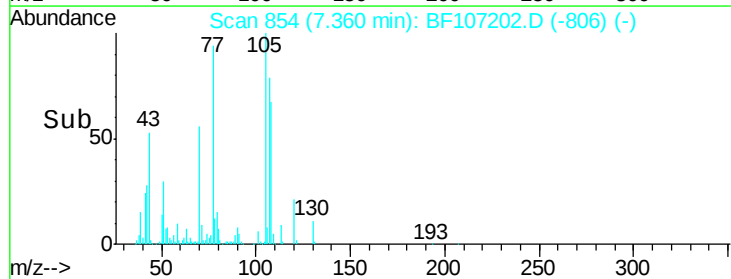
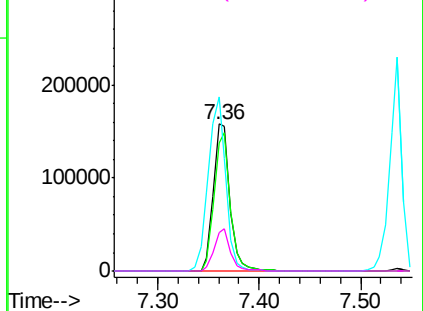


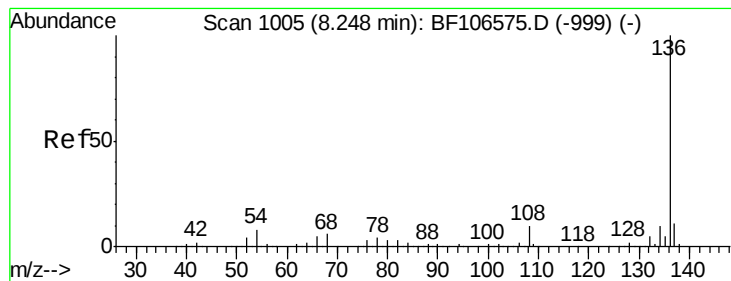
#20
3+4-Methylphenols
Concen: 49.188 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF107202.D
Acq: 7 Jul 2018 13:23

Tgt Ion:	107	Resp:	181408
Ion	Ratio	Lower	Upper
107	100		
108	87.3	68.2	108.2
77	119.1	26.7	66.7#
79	25.9	6.3	46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72MSD

Tgt Ion:136 Resp: 242911

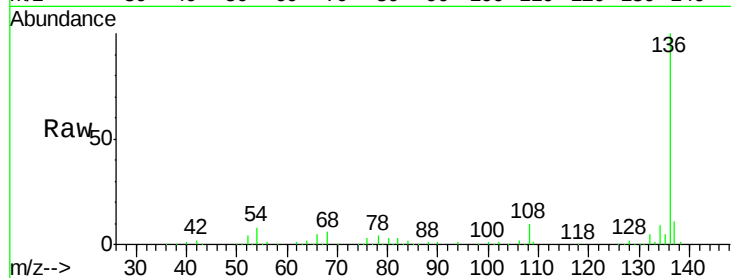
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.9 6.6 9.8

68 6.4 5.0 7.4

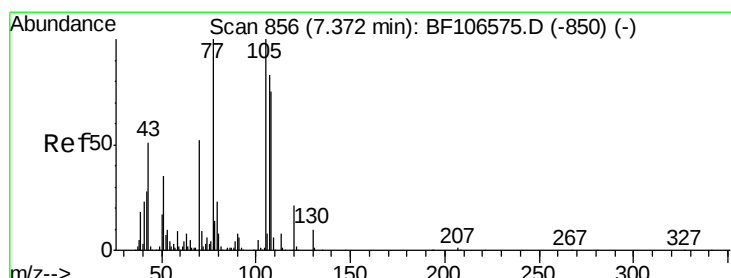
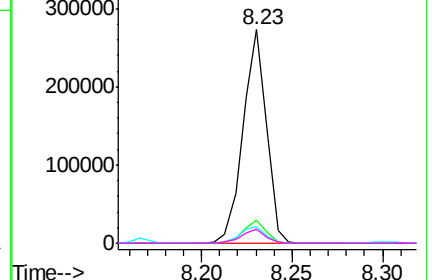
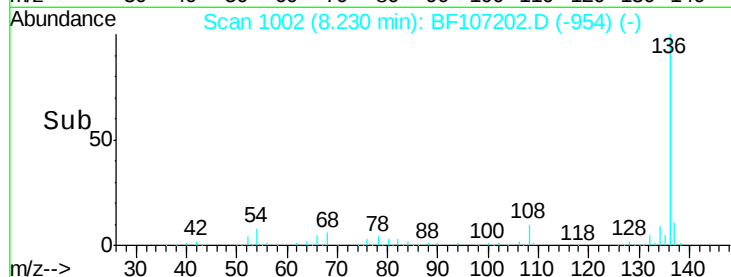


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.541 ng

RT: 7.36 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Tgt Ion:105 Resp: 231191

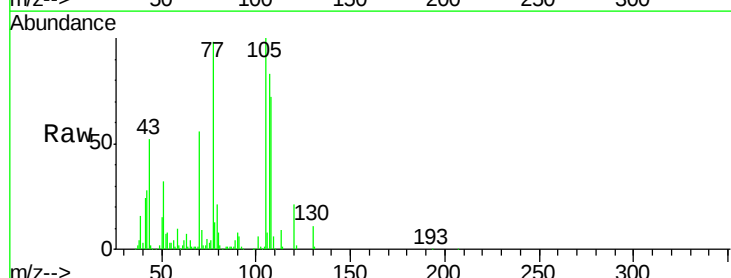
Ion Ratio Lower Upper

105 100

71 9.2 4.4 6.6#

51 32.3 22.3 33.5

120 21.3 16.9 25.3

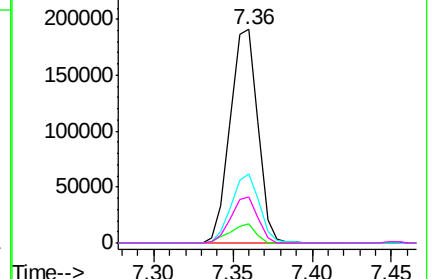
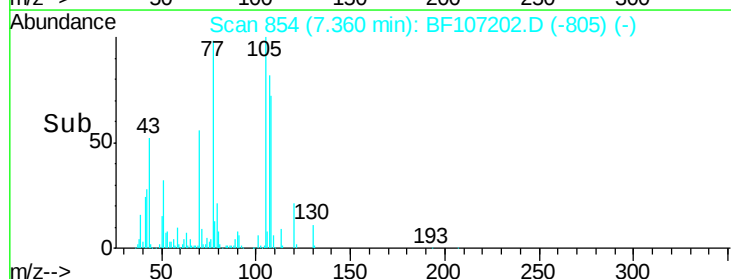


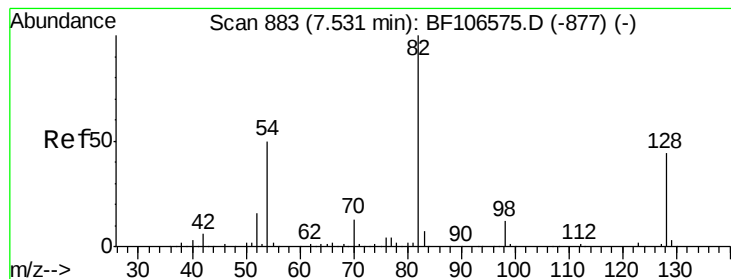
Abundance Ion 105.00 (104.70 to 105.70): E

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: 82.269 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72MSD

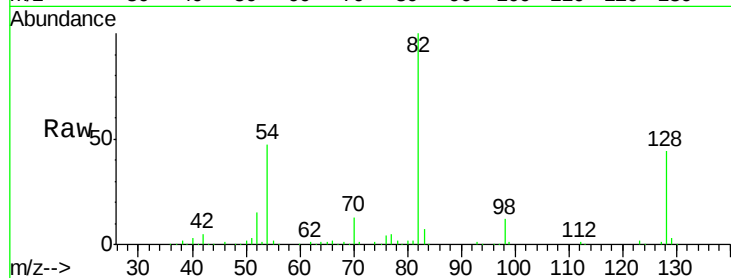
Tgt Ion: 82 Resp: 359595

Ion Ratio Lower Upper

82 100

128 44.5 36.1 54.1

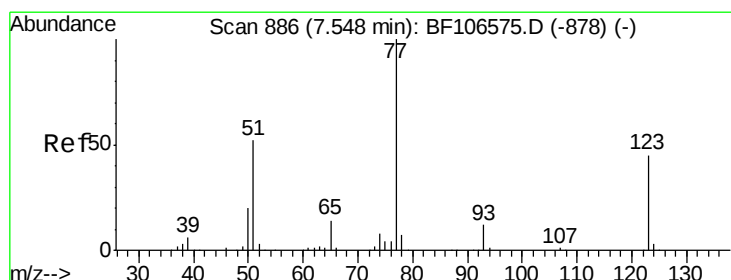
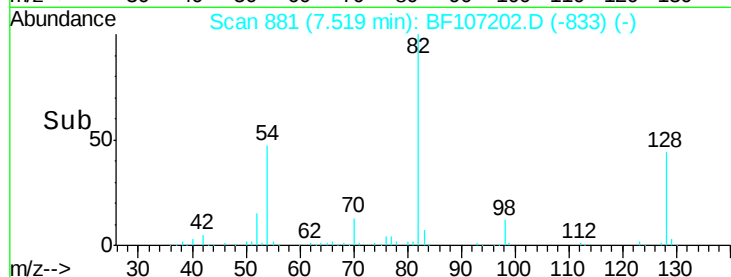
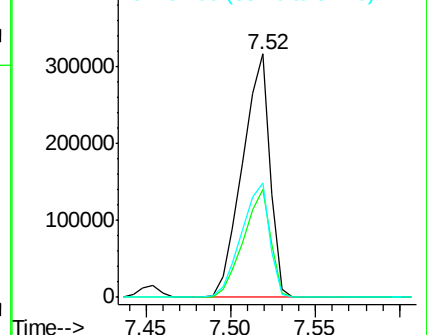
54 47.0 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 41.765 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

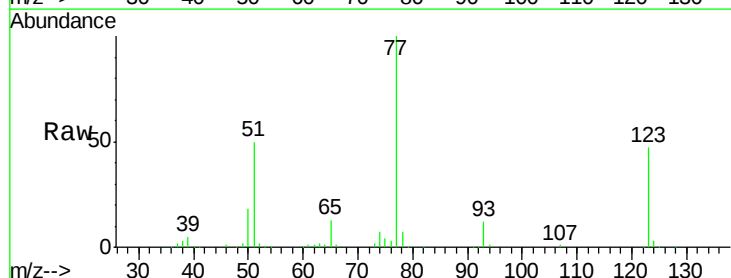
Tgt Ion: 77 Resp: 186379

Ion Ratio Lower Upper

77 100

123 46.9 37.9 56.9

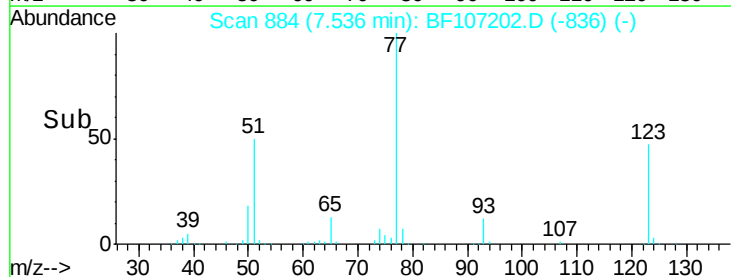
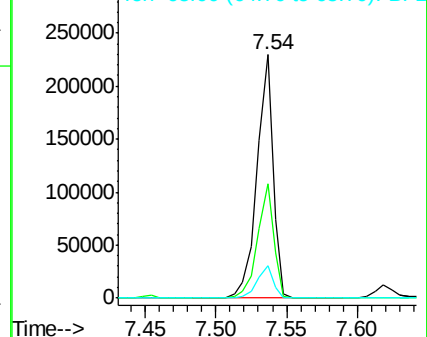
65 13.2 11.0 16.4

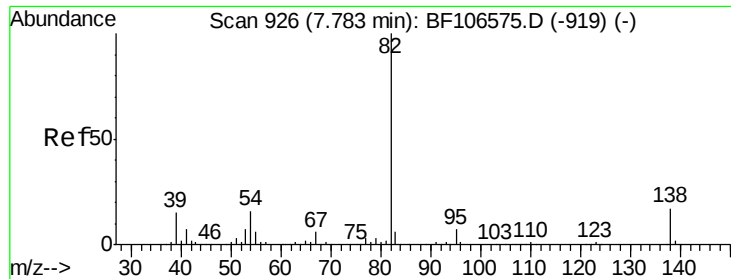


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 45.661 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72MSD

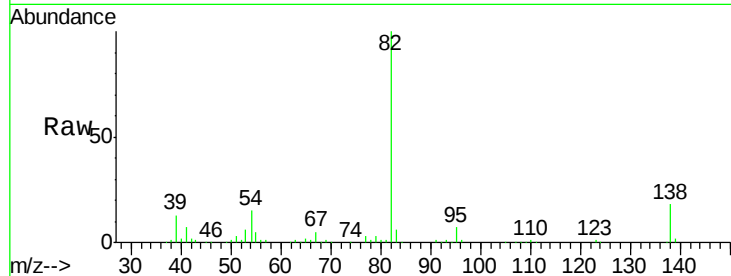
Tgt Ion: 82 Resp: 351697

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

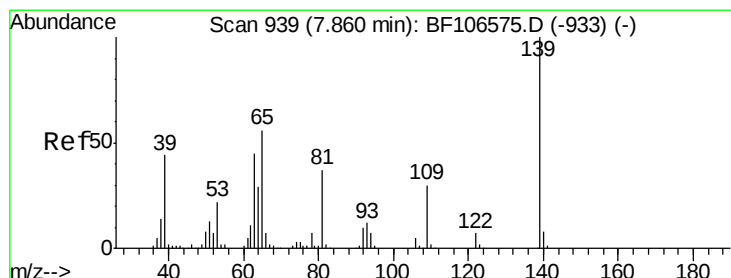
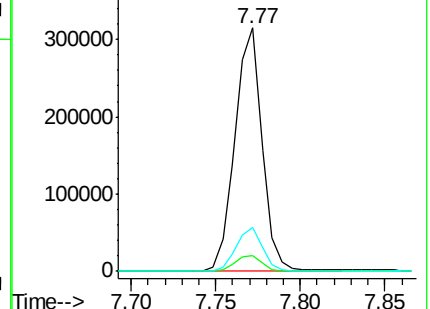
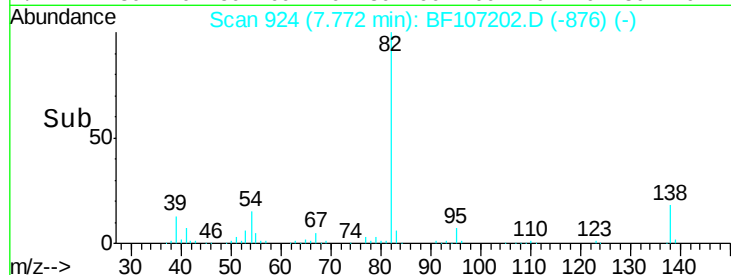
138 18.0 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.727 ng

RT: 7.85 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

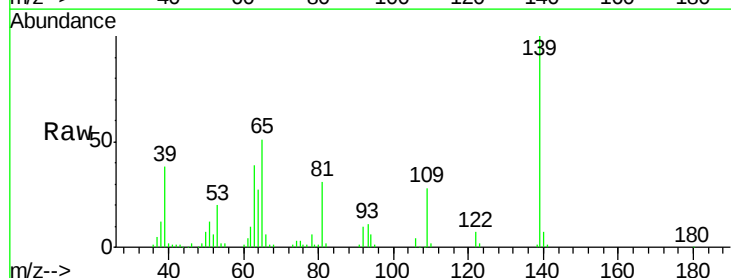
Tgt Ion: 139 Resp: 98438

Ion Ratio Lower Upper

139 100

109 28.4 22.7 34.1

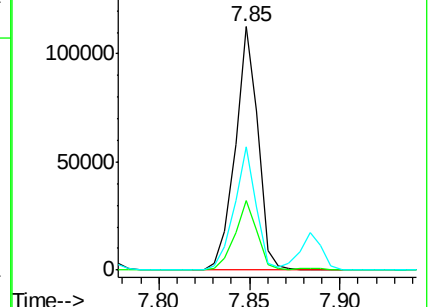
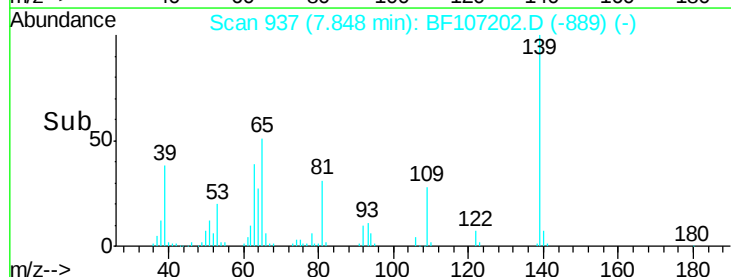
65 50.6 40.5 60.7

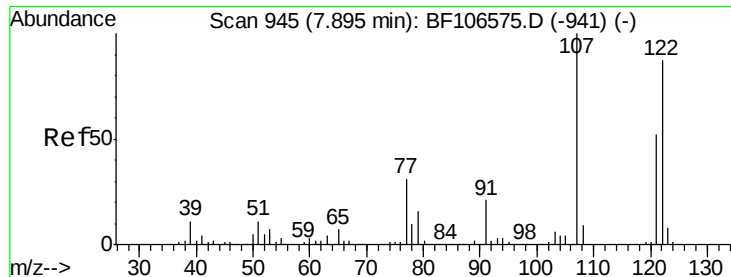


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

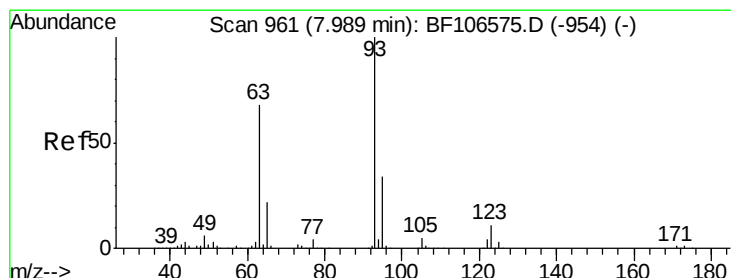
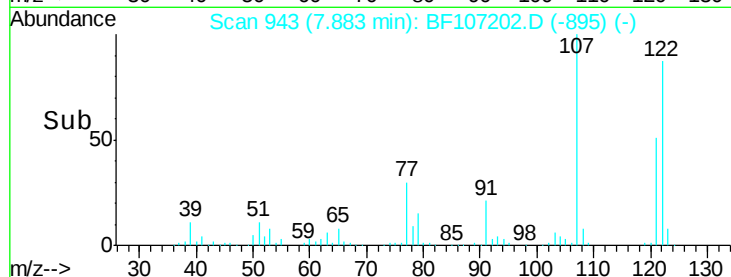
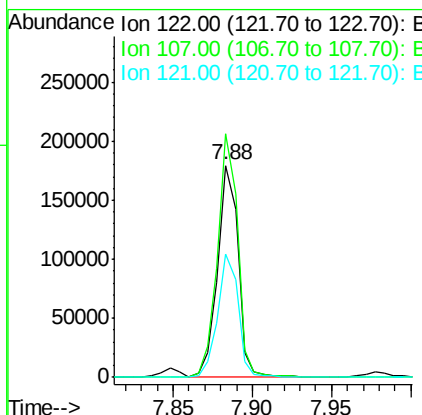
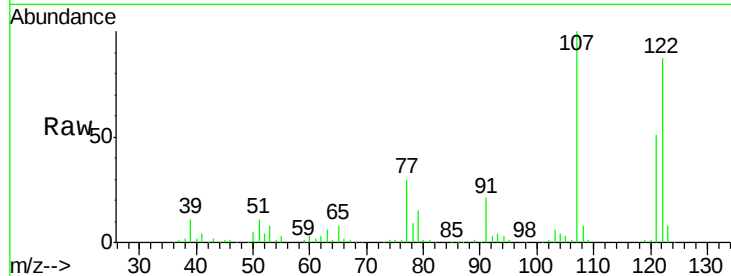




#27
 2,4-Dimethylphenol
 Concen: 49.976 ng
 RT: 7.88 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF107202.D
 Acq: 7 Jul 2018 13:23

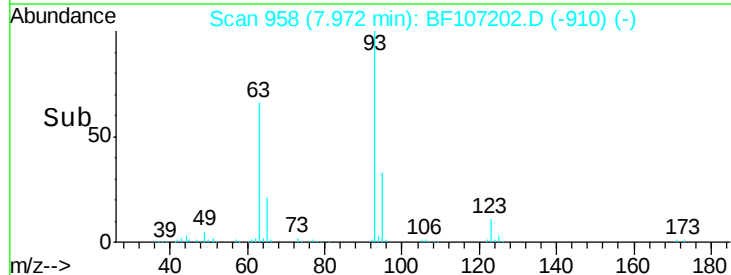
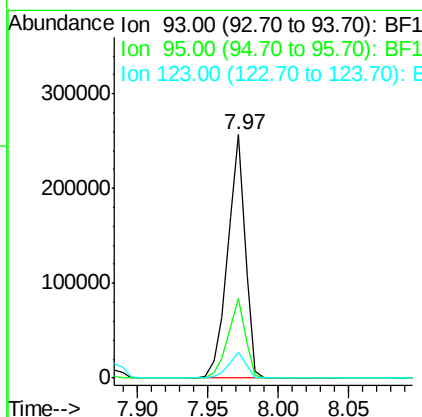
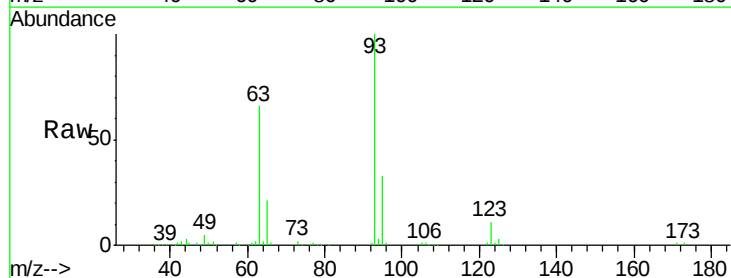
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72MSD

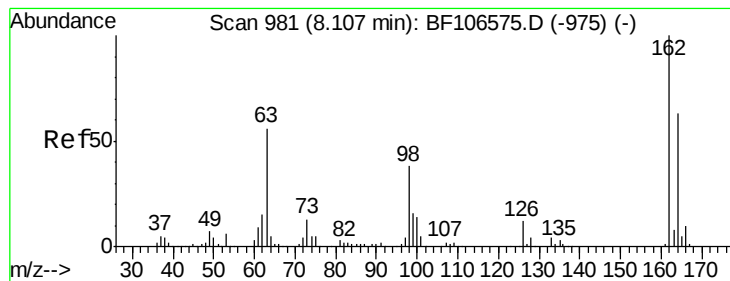
Tgt Ion:122 Resp: 162729
 Ion Ratio Lower Upper
 122 100
 107 114.9 91.2 136.8
 121 58.2 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.039 ng
 RT: 7.97 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BF107202.D
 Acq: 7 Jul 2018 13:23

Tgt Ion: 93 Resp: 222576
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.3 39.5
 123 10.6 9.8 14.6

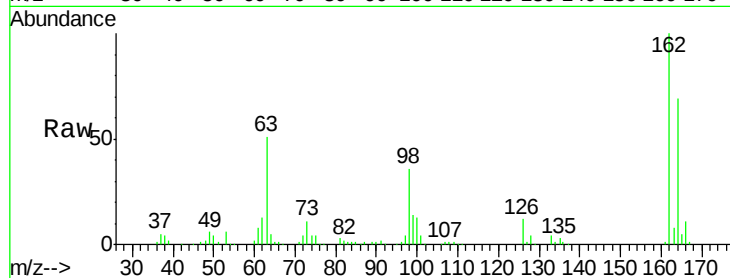




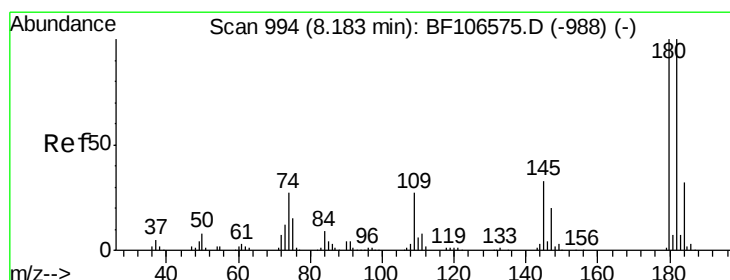
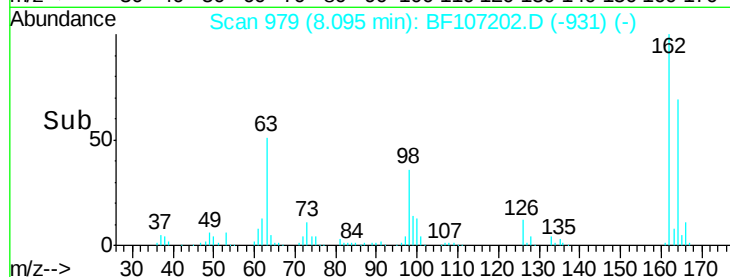
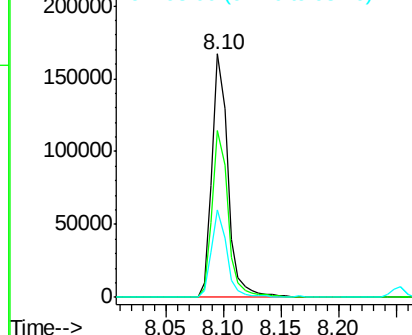
#29
2,4-Dichlorophenol
Concen: 47.653 ng
RT: 8.10 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF107202.D
Acq: 7 Jul 2018 13:23

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

Tgt Ion:162 Resp: 162449
Ion Ratio Lower Upper
162 100
164 68.7 42.7 82.7
98 36.1 18.1 58.1

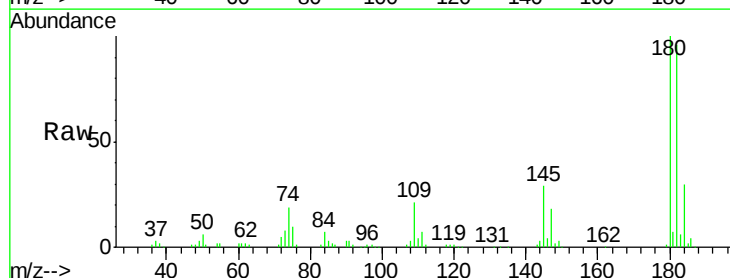


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

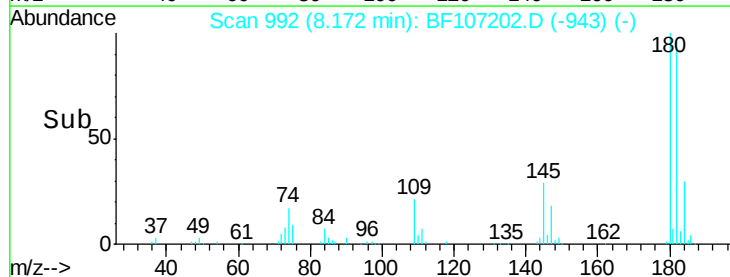
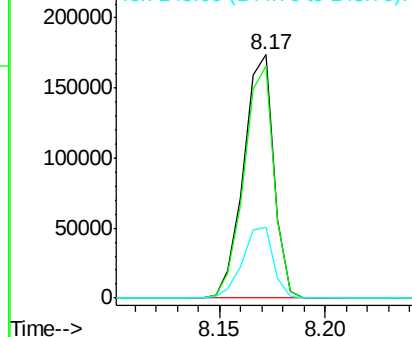


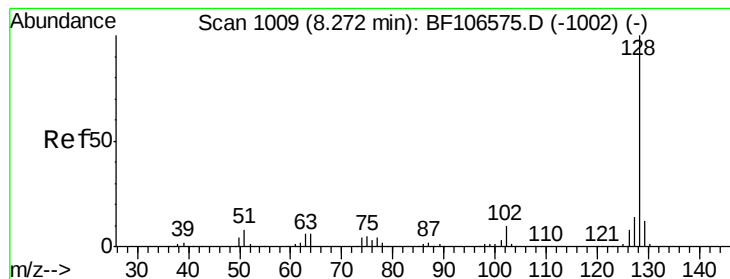
#30
1,2,4-Trichlorobenzene
Concen: 45.915 ng
RT: 8.17 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF107202.D
Acq: 7 Jul 2018 13:23

Tgt Ion:180 Resp: 172429
Ion Ratio Lower Upper
180 100
182 95.6 76.8 115.2
145 28.9 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: 42.991 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72MSD

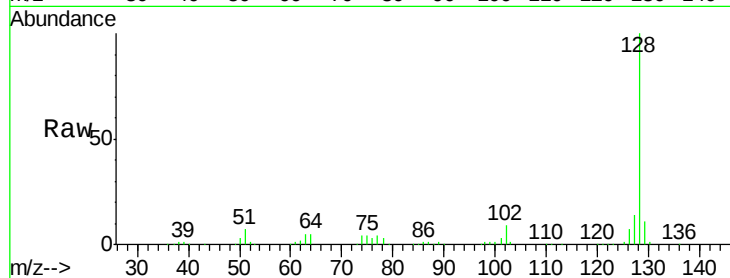
Tgt Ion:128 Resp: 488238

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

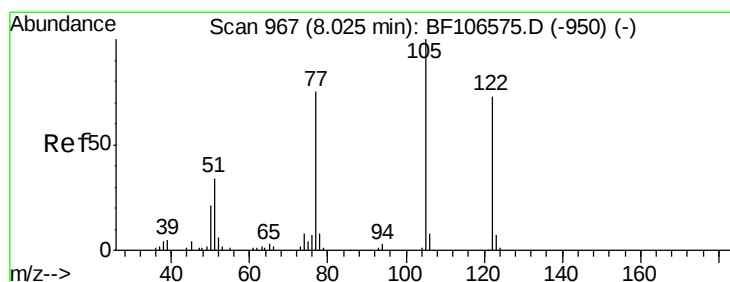
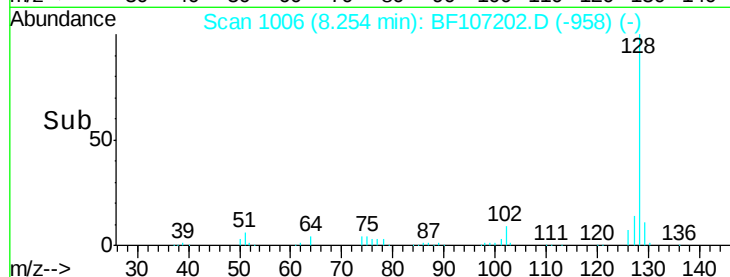
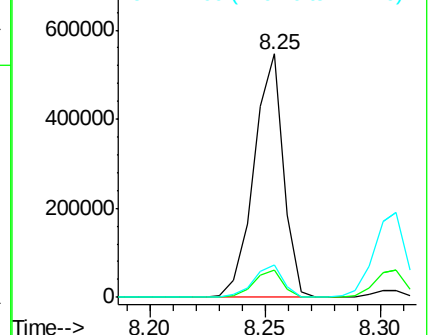
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.333 ng

RT: 7.98 min Scan# 959

Delta R.T. -0.06 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

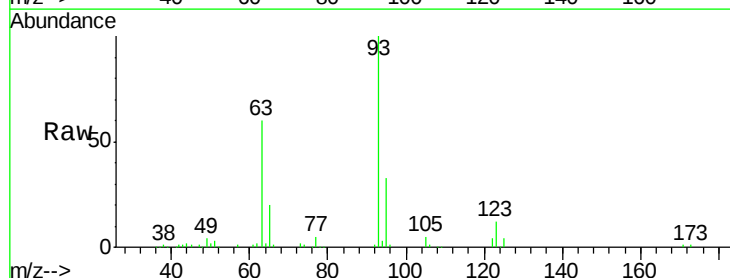
Tgt Ion:122 Resp: 6997

Ion Ratio Lower Upper

122 100

105 126.7 101.1 141.1

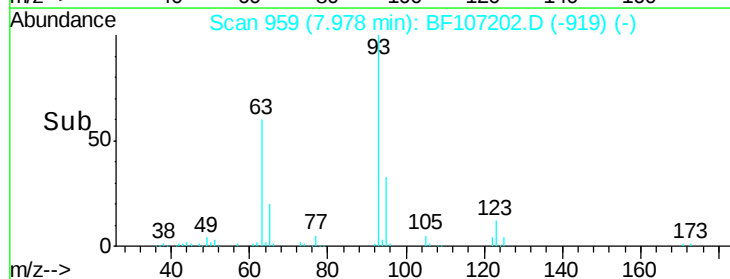
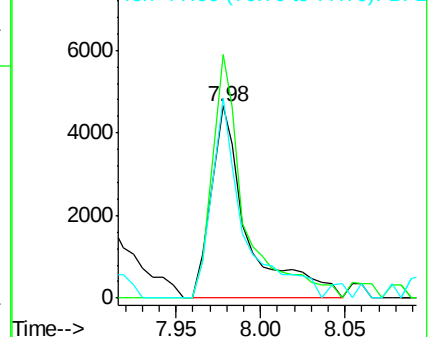
77 104.1 70.7 110.7

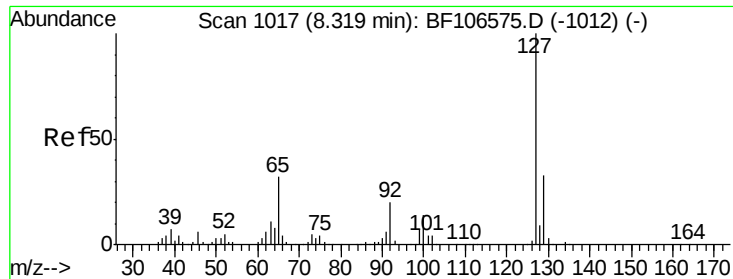


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

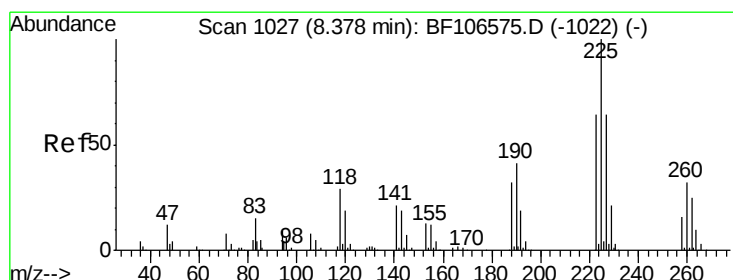
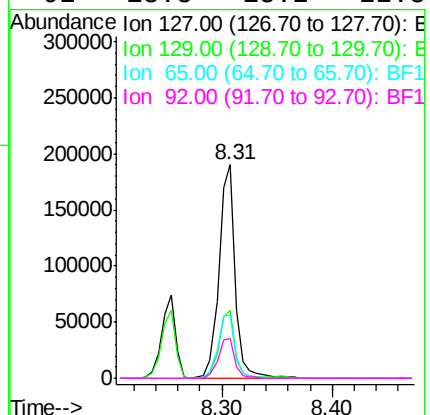
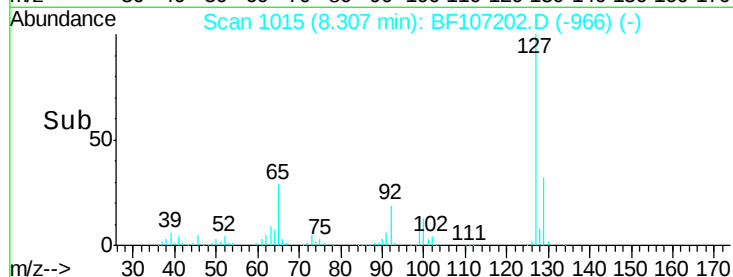
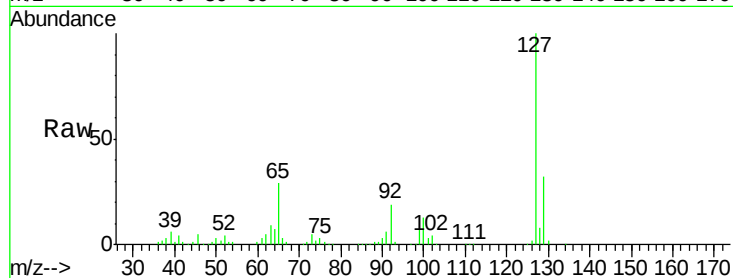




#33
4-Chloroaniline
Concen: 40.426 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF107202.D
Acq: 7 Jul 2018 13:23

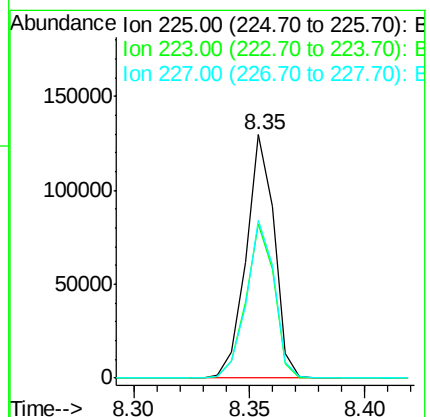
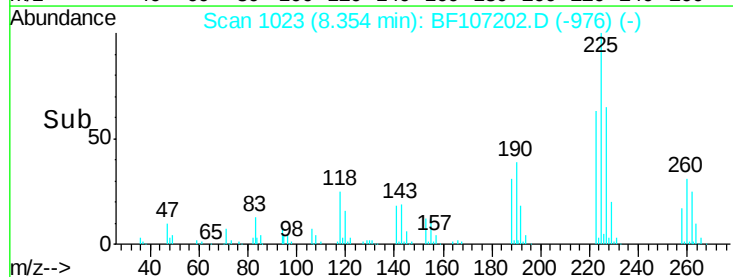
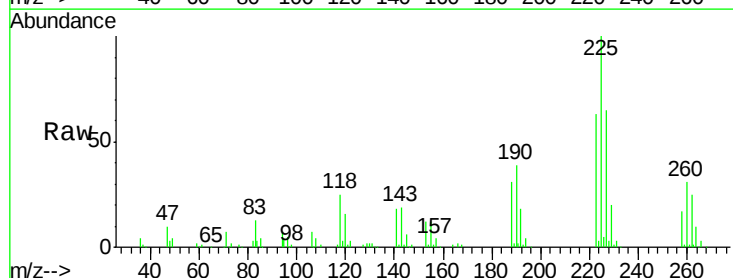
Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MSD

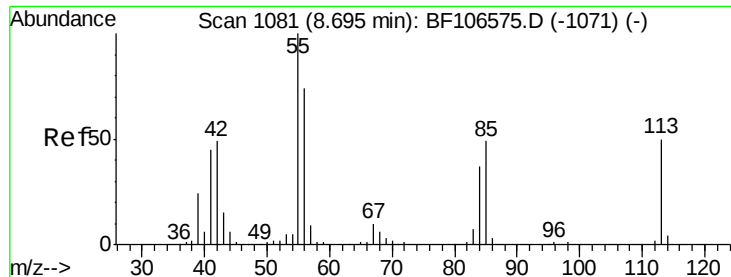
Tgt Ion:127 Resp: 192640
Ion Ratio Lower Upper
127 100
129 31.6 25.9 38.9
65 29.5 25.0 37.4
92 18.8 15.2 22.8



#34
Hexachlorobutadiene
Concen: 45.256 ng
RT: 8.35 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF107202.D
Acq: 7 Jul 2018 13:23

Tgt Ion:225 Resp: 110742
Ion Ratio Lower Upper
225 100
223 63.4 50.6 76.0
227 64.6 51.9 77.9





#35

Caprolactam

Concen: 28.728 ng

RT: 8.68 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72MSD

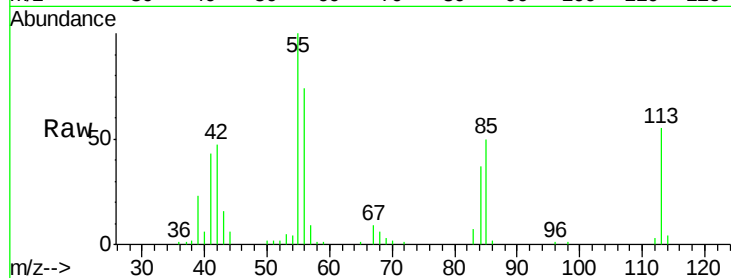
Tgt Ion:113 Resp: 31923

Ion Ratio Lower Upper

113 100

55 182.7 163.3 203.3

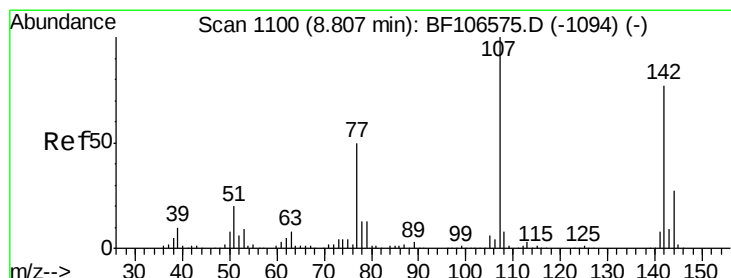
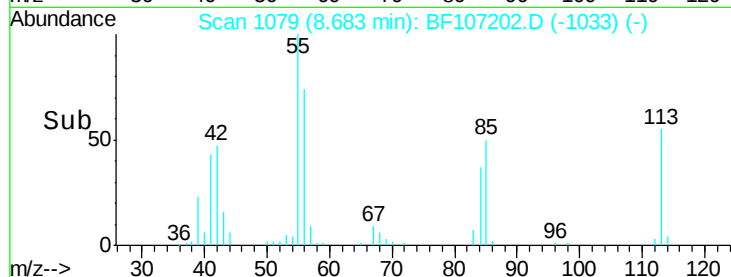
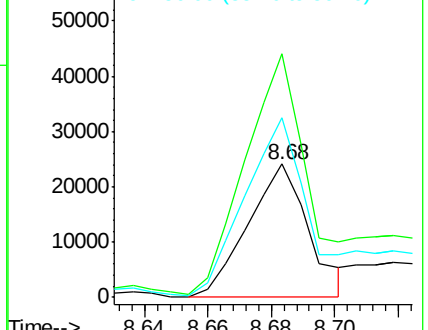
56 134.4 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 46.239 ng

RT: 8.80 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

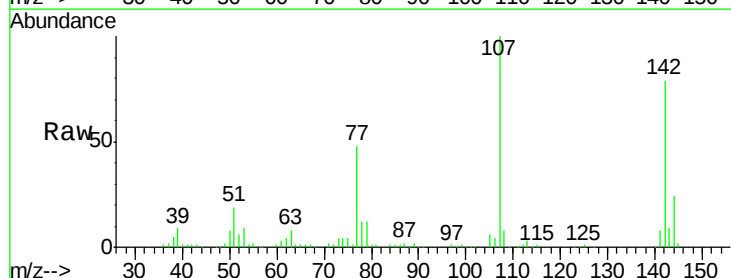
Tgt Ion:107 Resp: 165912

Ion Ratio Lower Upper

107 100

144 24.4 20.5 30.7

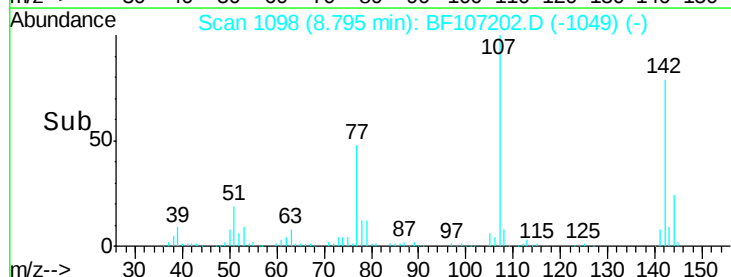
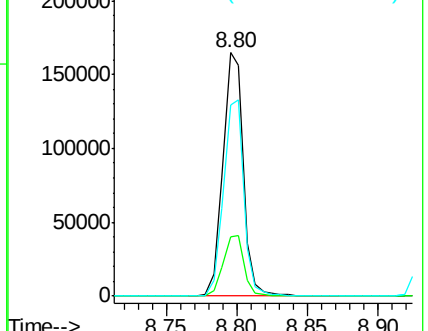
142 78.6 62.0 93.0

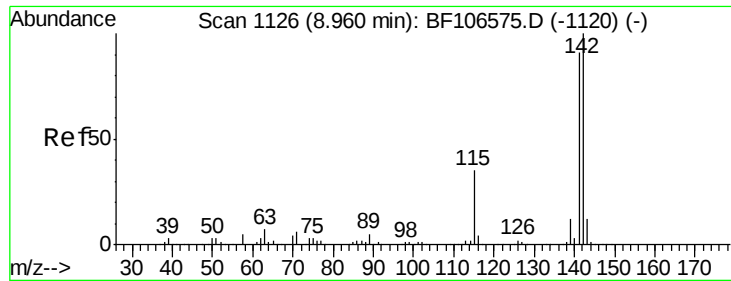


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

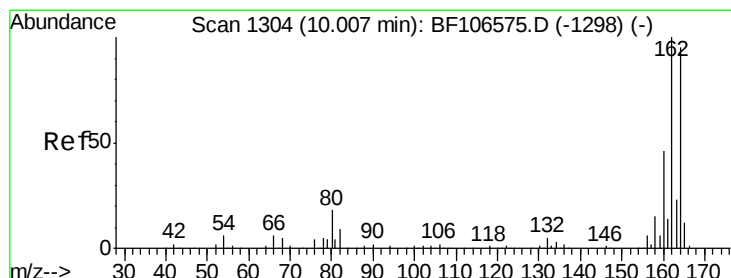
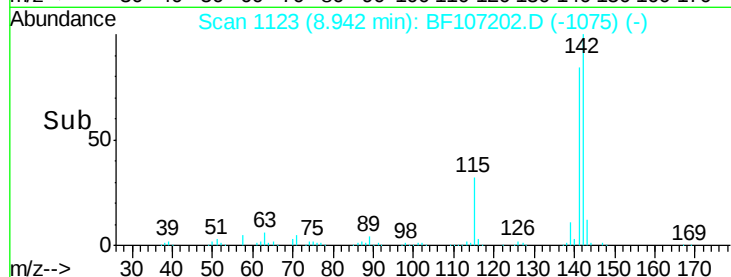
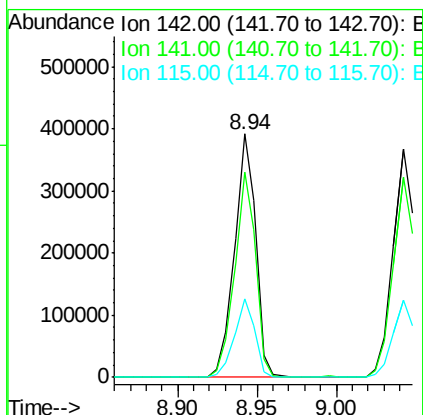
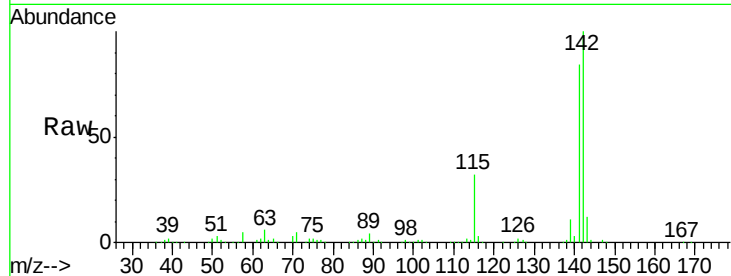




#37
2-Methylnaphthalene
Concen: 48.436 ng
RT: 8.94 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BF107202.D
Acq: 7 Jul 2018 13:23

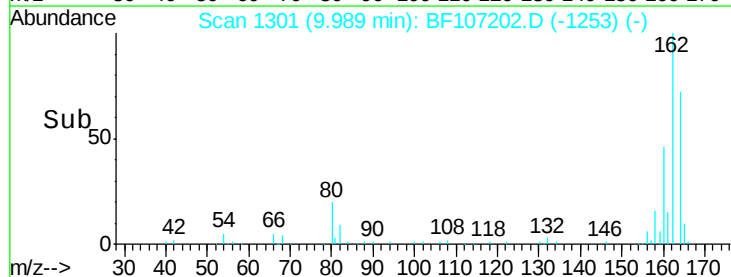
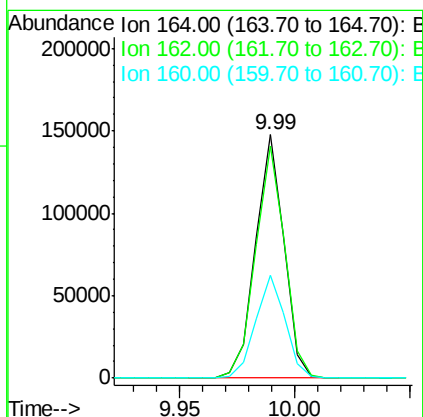
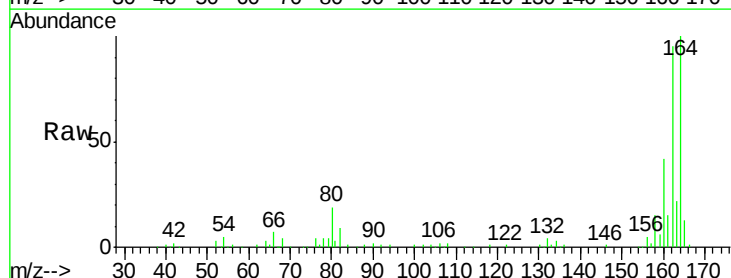
Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MSD

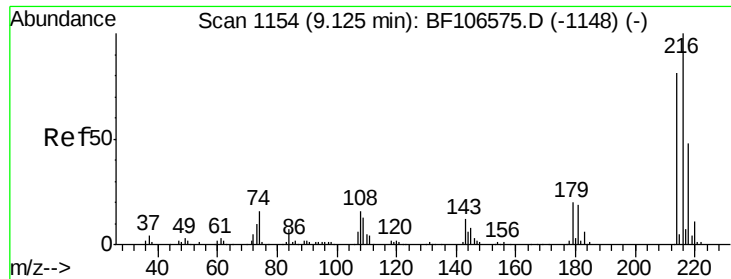
Tgt Ion:142 Resp: 364603
Ion Ratio Lower Upper
142 100
141 84.1 70.8 106.2
115 32.2 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107202.D
Acq: 7 Jul 2018 13:23

Tgt Ion:164 Resp: 126979
Ion Ratio Lower Upper
164 100
162 95.2 86.1 129.1
160 42.2 38.3 57.5

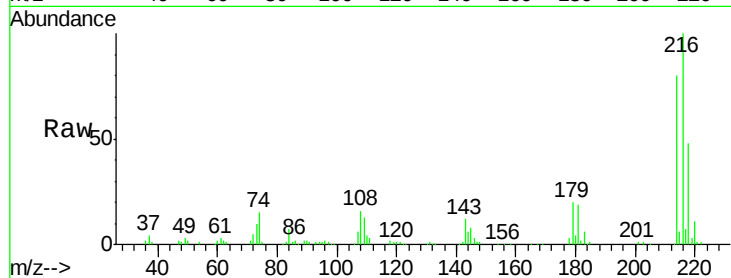




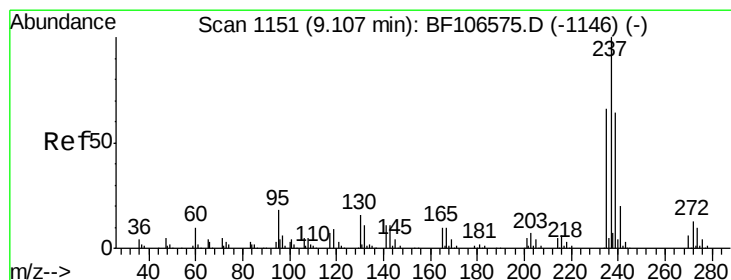
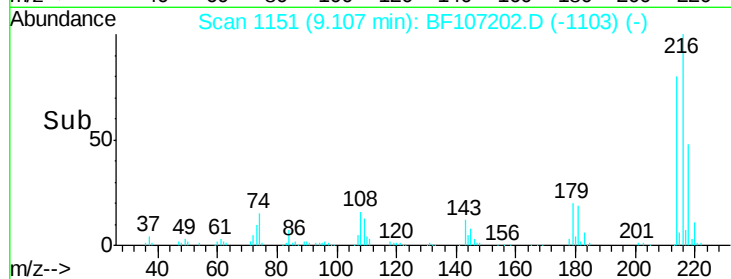
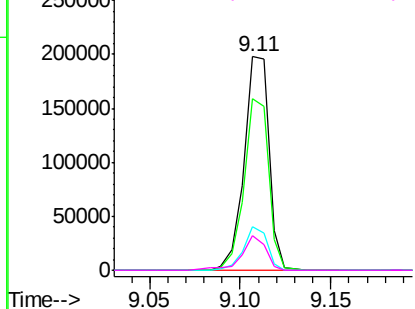
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.362 ng
 RT: 9.11 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF107202.D
 Acq: 7 Jul 2018 13:23

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

Tgt Ion:	216	Resp:	189705
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	19.3	18.1	27.1
108	15.4	17.2	25.8#

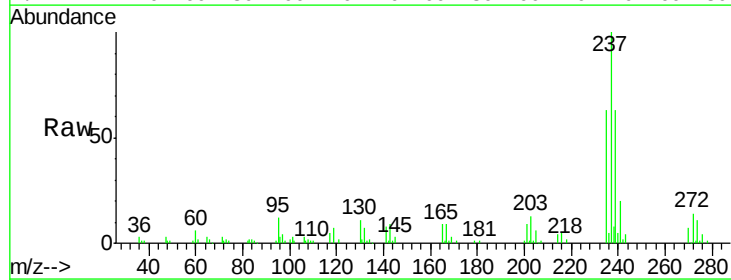


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

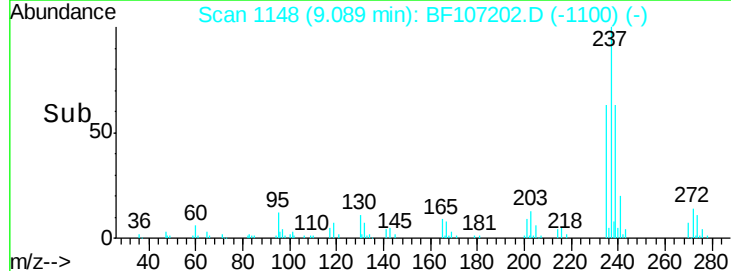
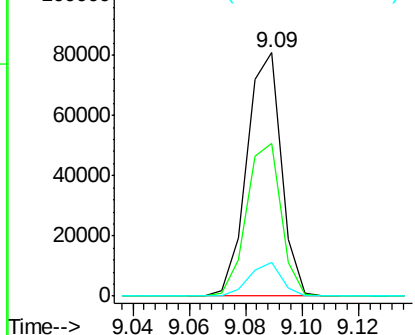


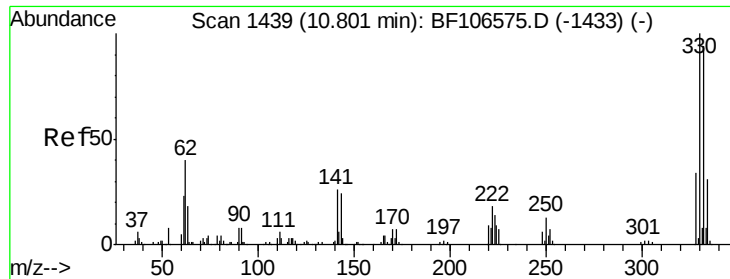
#40
 Hexachlorocyclopentadiene
 Concen: 31.047 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF107202.D
 Acq: 7 Jul 2018 13:23

Tgt Ion:	237	Resp:	68307
Ion	Ratio	Lower	Upper
237	100		
235	62.5	44.8	84.8
272	13.9	0.0	33.3



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

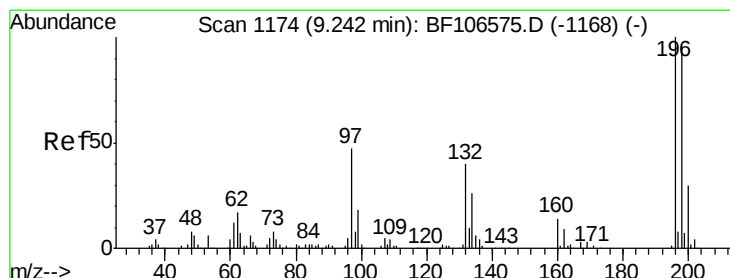
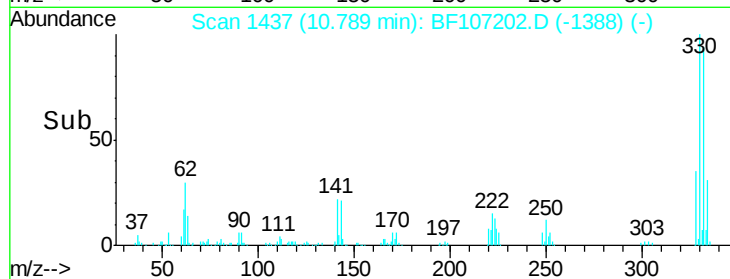
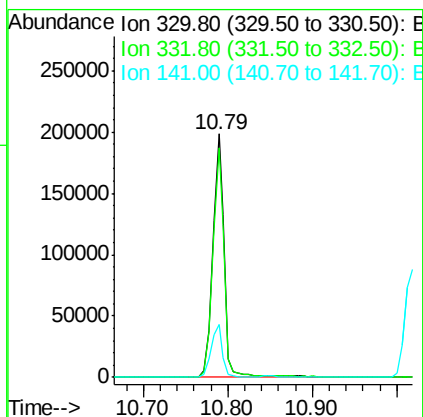
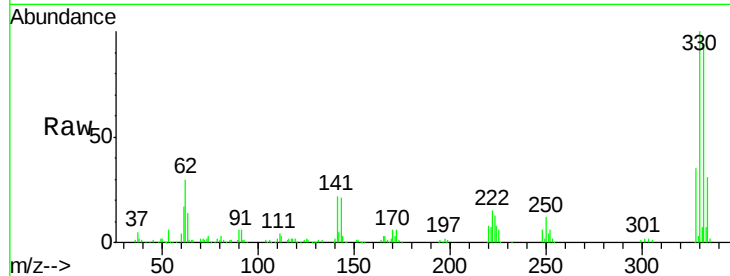




#41
 2,4,6-Tribromophenol
 Concen: 132.125 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107202.D
 Acq: 7 Jul 2018 13:23

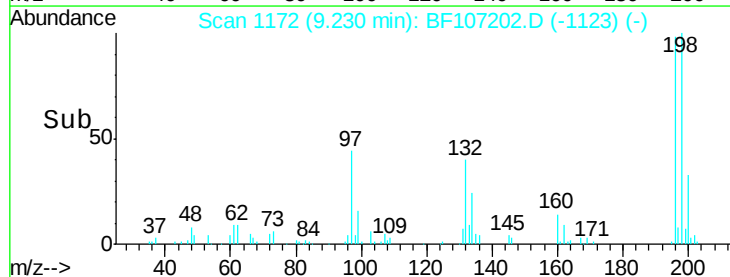
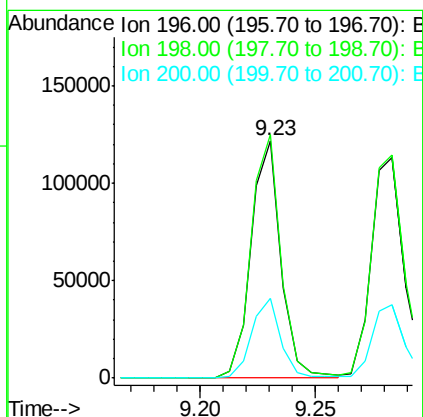
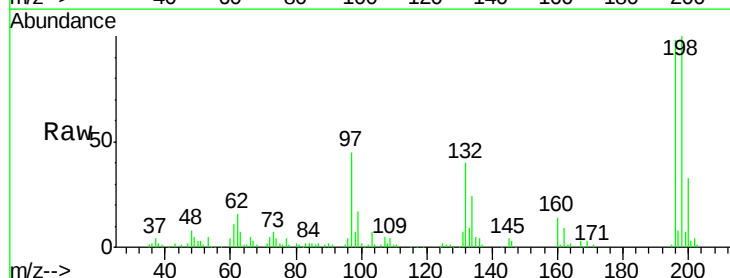
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72MSD

Tgt Ion:330 Resp: 194451
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.0 115.6
 141 21.3 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 38.888 ng
 RT: 9.23 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF107202.D
 Acq: 7 Jul 2018 13:23

Tgt Ion:196 Resp: 110539
 Ion Ratio Lower Upper
 196 100
 198 102.4 75.7 113.5
 200 33.5 24.5 36.7

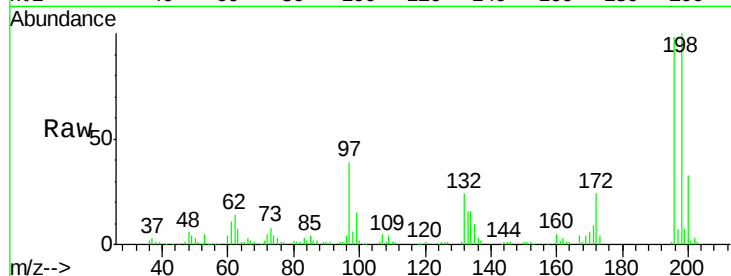




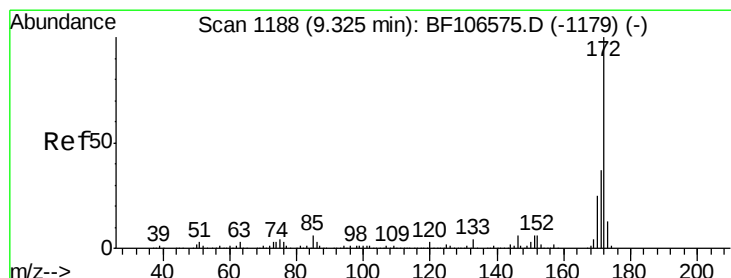
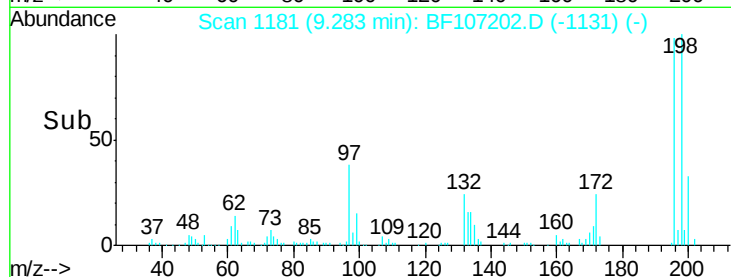
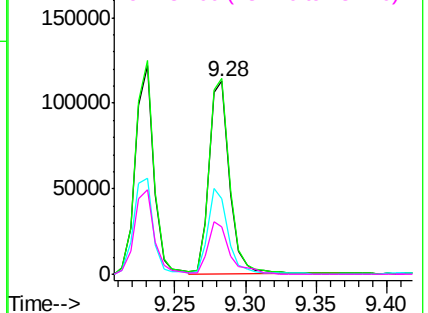
#43
 2,4,5-Trichlorophenol
 Concen: 38.347 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF107202.D
 Acq: 7 Jul 2018 13:23

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

Tgt Ion	Resp	Lower	Upper
196	113739		
198	101.7	74.6	112.0
97	39.3	42.9	64.3#
132	24.3	26.3	39.5#

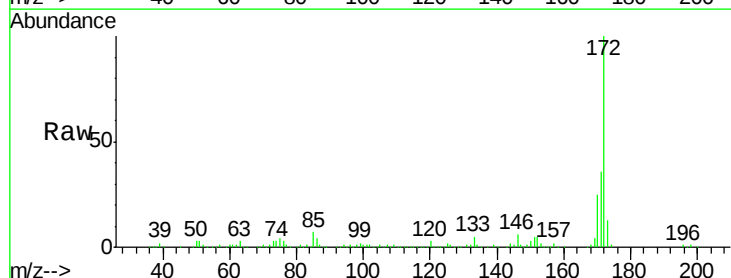


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

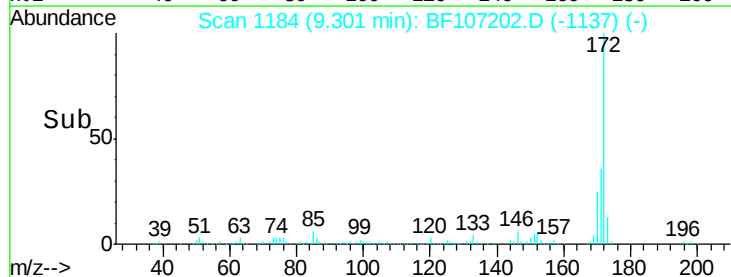
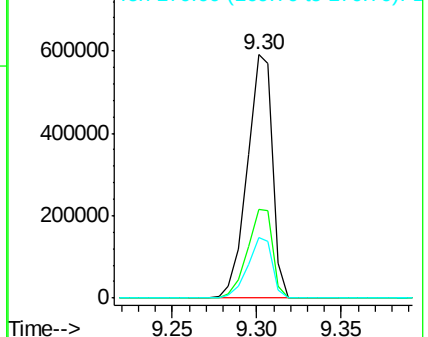


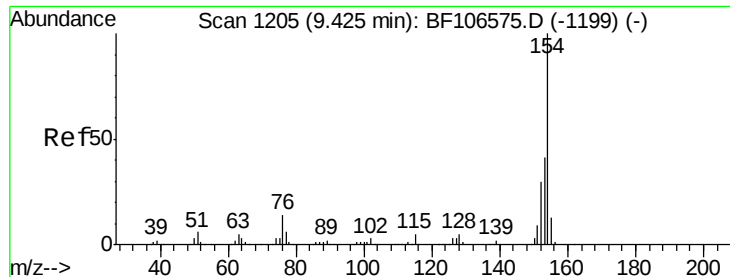
#44
 2-Fluorobiphenyl
 Concen: 81.898 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107202.D
 Acq: 7 Jul 2018 13:23

Tgt Ion	Resp	Lower	Upper
172	618428		
171	36.4	29.7	44.5
170	24.7	19.6	29.4



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

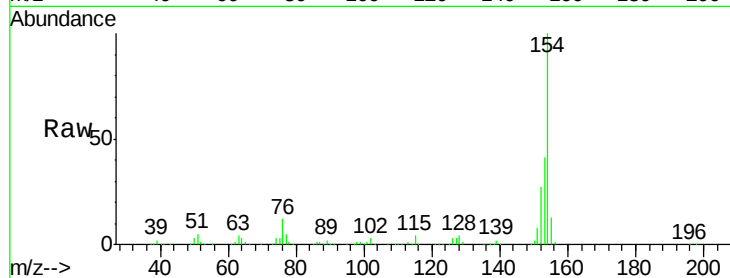




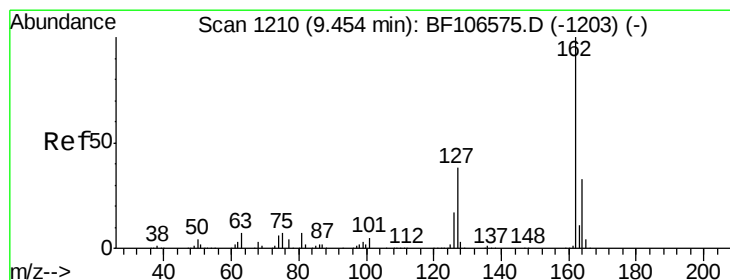
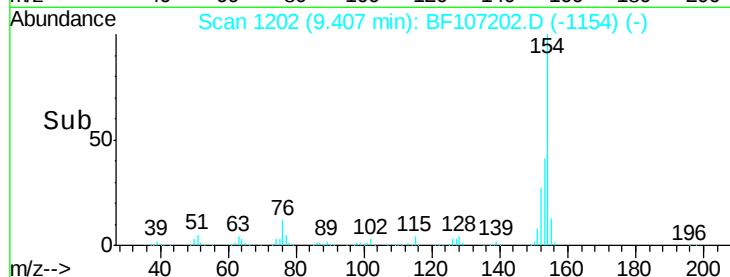
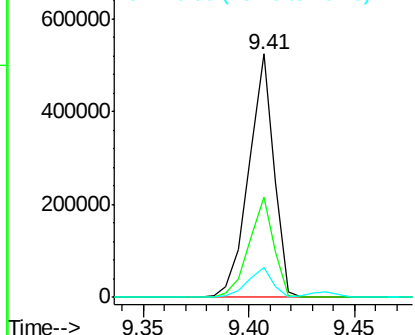
#45
 1,1'-Biphenyl
 Concen: 43.091 ng
 RT: 9.41 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF107202.D
 Acq: 7 Jul 2018 13:23

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

Tgt Ion:154 Resp: 436064
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.3 61.3
 76 12.0 0.0 34.0

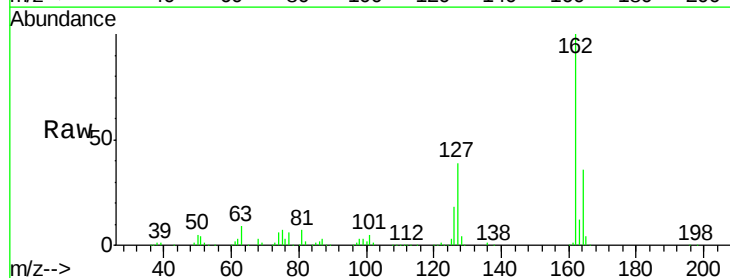


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

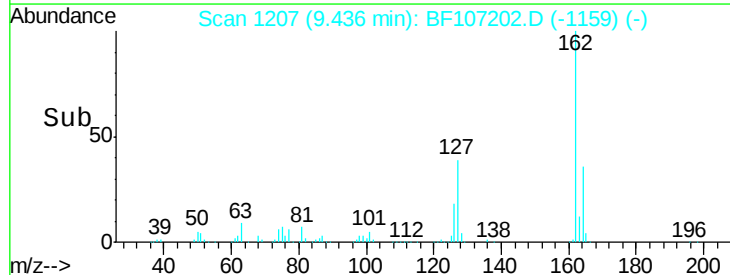
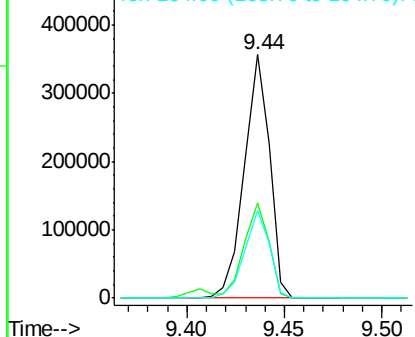


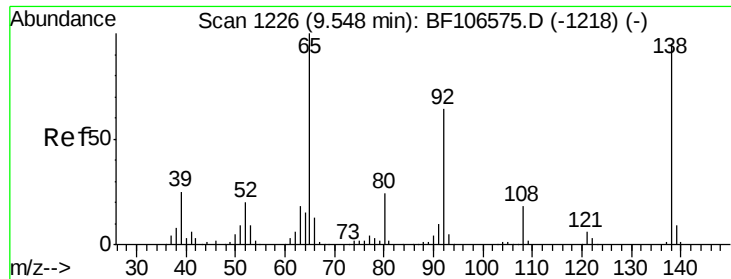
#46
 2-Chloronaphthalene
 Concen: 40.283 ng
 RT: 9.44 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF107202.D
 Acq: 7 Jul 2018 13:23

Tgt Ion:162 Resp: 320874
 Ion Ratio Lower Upper
 162 100
 127 39.3 33.9 50.9
 164 36.1 26.5 39.7



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

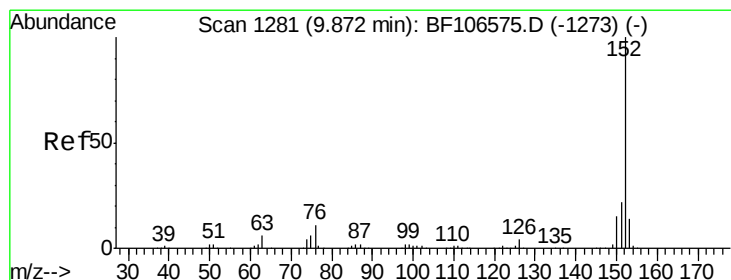
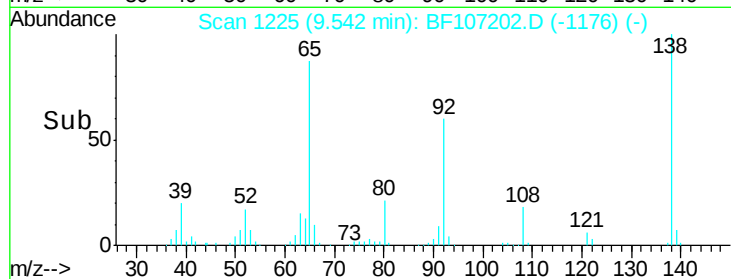
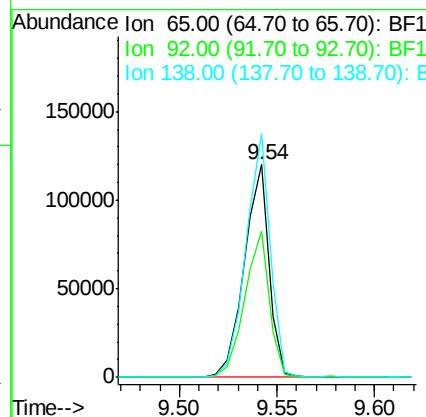
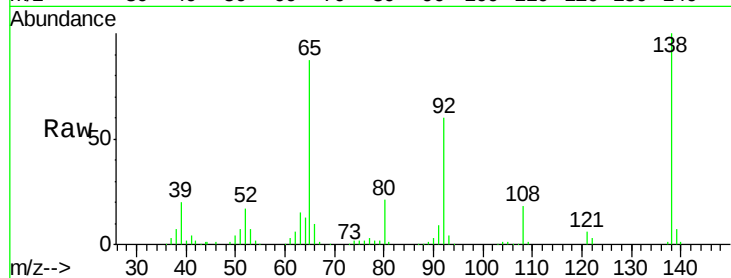




#47
 2-Nitroaniline
 Concen: 39.403 ng
 RT: 9.54 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF107202.D
 Acq: 7 Jul 2018 13:23

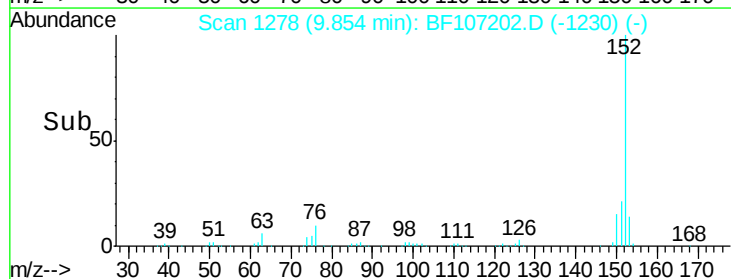
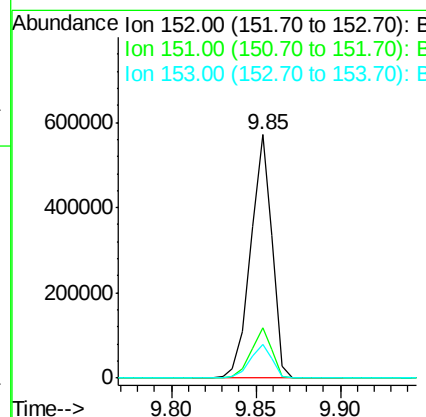
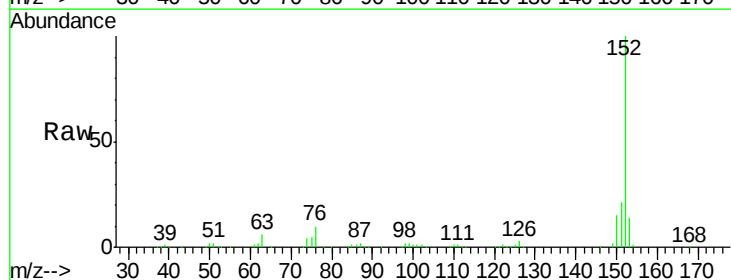
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72MSD

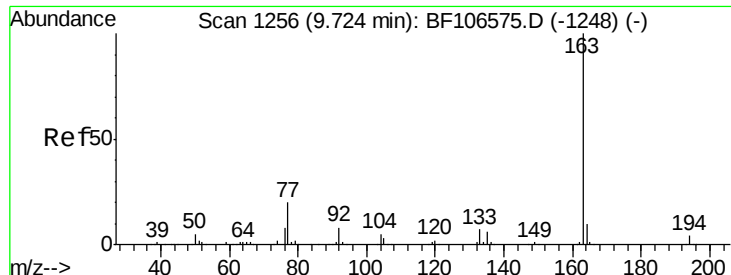
Tgt Ion: 65 Resp: 105545
 Ion Ratio Lower Upper
 65 100
 92 68.8 55.8 83.6
 138 114.5 91.2 136.8



#48
 Acenaphthylene
 Concen: 40.048 ng
 RT: 9.85 min Scan# 1278
 Delta R.T. -0.02 min
 Lab File: BF107202.D
 Acq: 7 Jul 2018 13:23

Tgt Ion: 152 Resp: 503645
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.3 24.5
 153 14.1 10.7 16.1

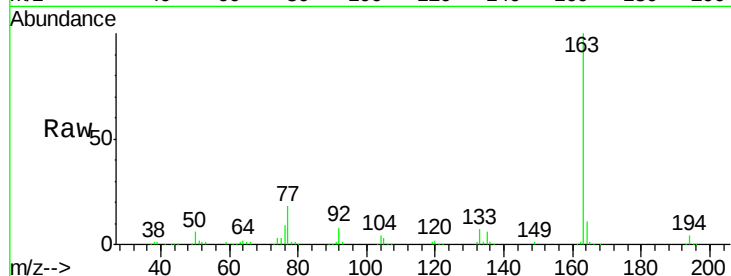




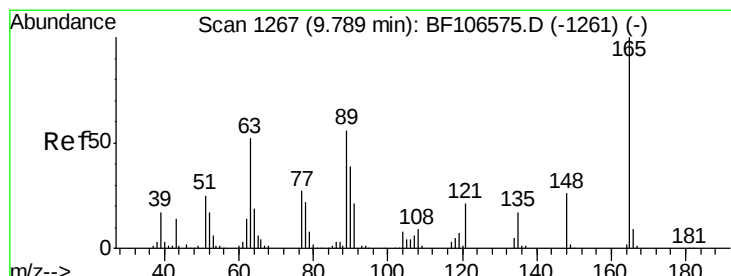
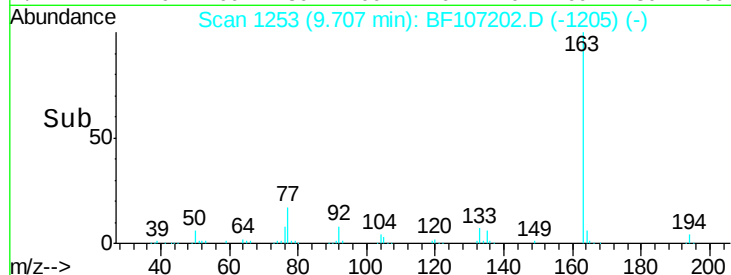
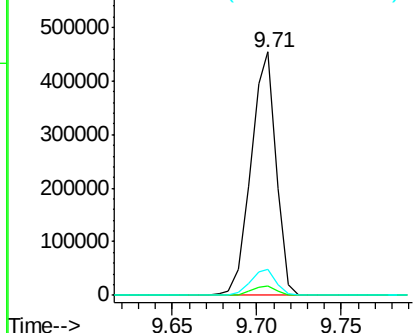
#49
Dimethylphthalate
Concen: 49.522 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF107202.D
Acq: 7 Jul 2018 13:23

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

Tgt Ion:163 Resp: 471629
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.9 8.2 12.2

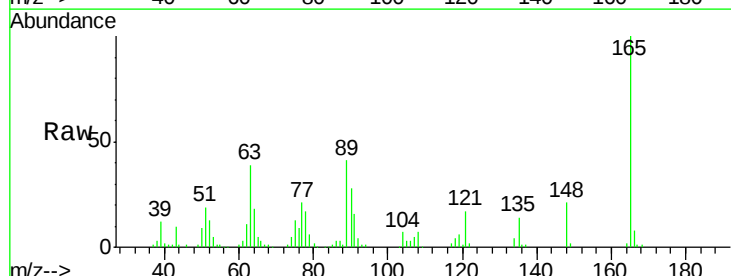


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

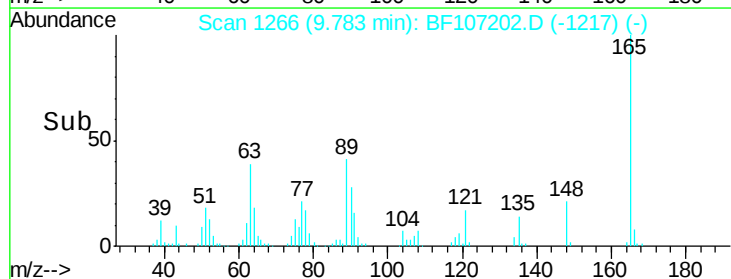
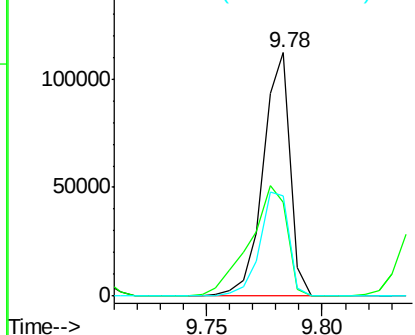


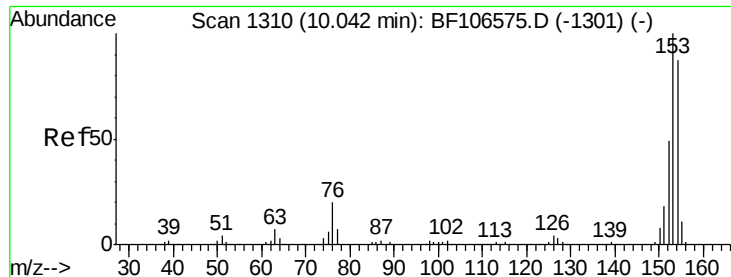
#50
2,6-Dinitrotoluene
Concen: 45.304 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF107202.D
Acq: 7 Jul 2018 13:23

Tgt Ion:165 Resp: 91362
Ion Ratio Lower Upper
165 100
63 38.6 44.7 67.1#
89 41.1 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 39.114 ng

RT: 10.02 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72MSD

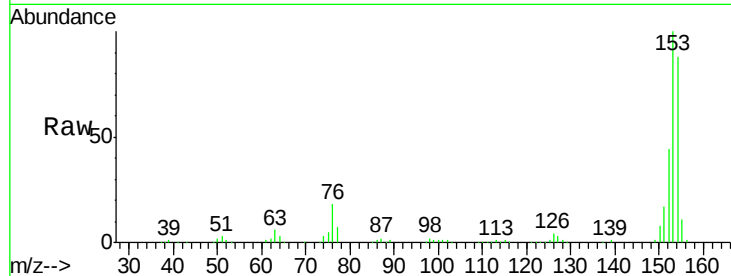
Tgt Ion:154 Resp: 309756

Ion Ratio Lower Upper

154 100

153 113.5 91.2 136.8

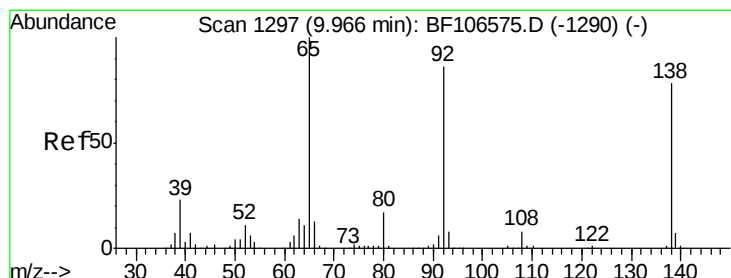
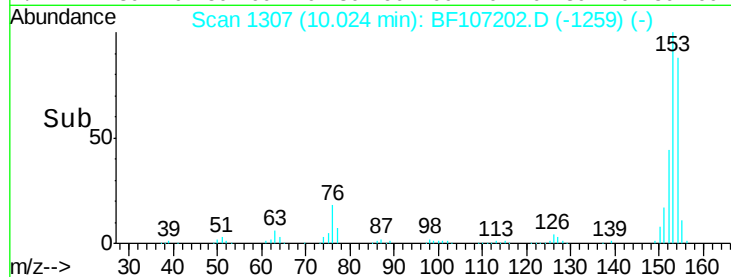
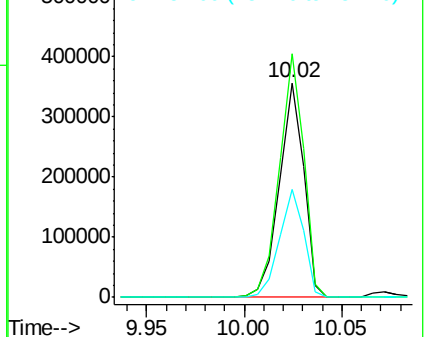
152 50.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.809 ng

RT: 9.95 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

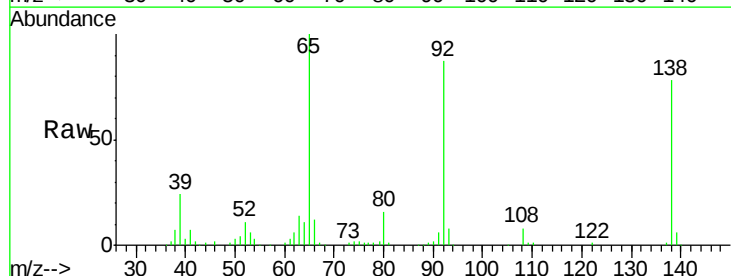
Tgt Ion:138 Resp: 85420

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

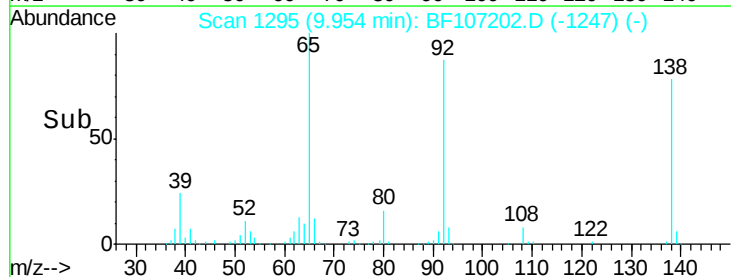
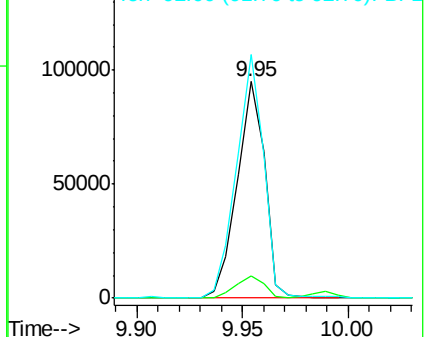
92 112.5 89.4 134.2



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

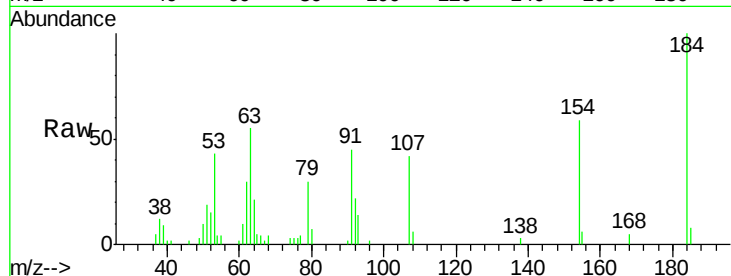




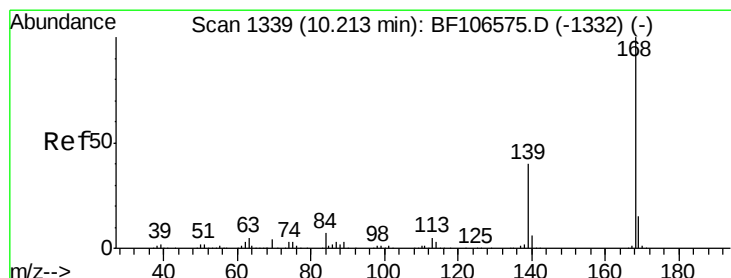
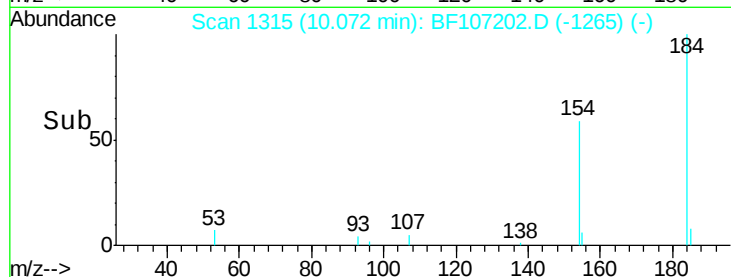
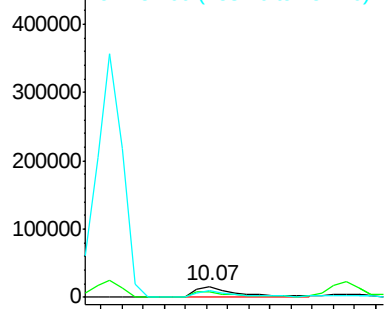
#53
2,4-Dinitrophenol
Concen: 25.340 ng
RT: 10.07 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF107202.D
Acq: 7 Jul 2018 13:23

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

Tgt Ion:184 Resp: 22459
Ion Ratio Lower Upper
184 100
63 54.5 54.2 81.2
154 58.6 184.0 276.0#

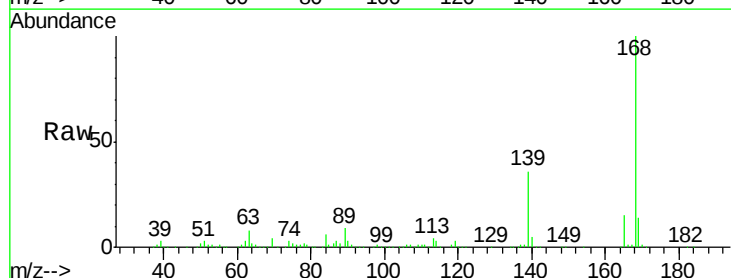


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

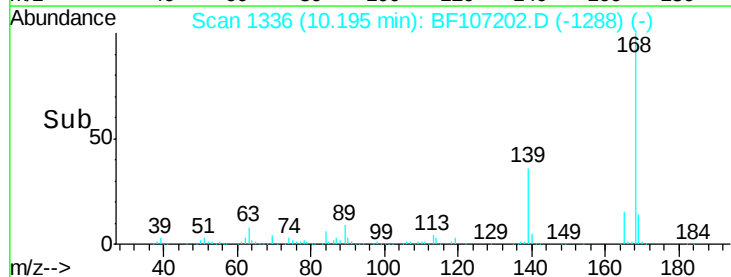
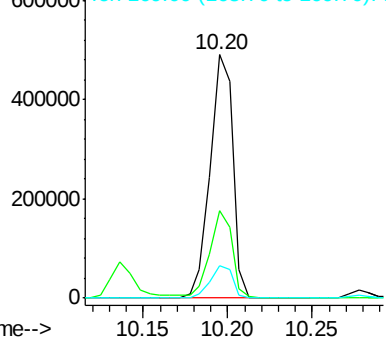


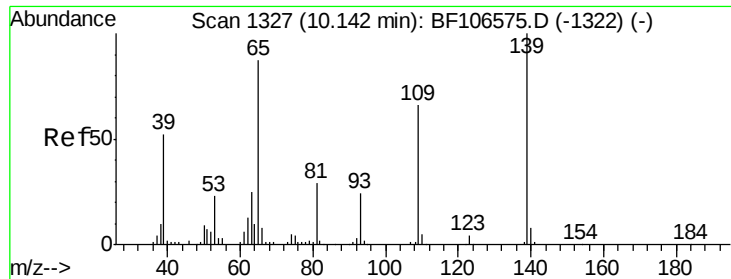
#54
Dibenzofuran
Concen: 42.311 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF107202.D
Acq: 7 Jul 2018 13:23

Tgt Ion:168 Resp: 458815
Ion Ratio Lower Upper
168 100
139 35.7 30.1 45.1
169 13.5 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

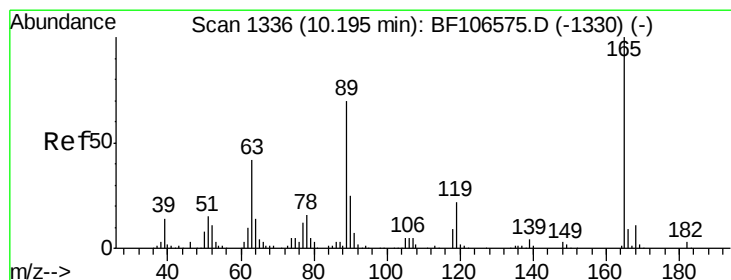
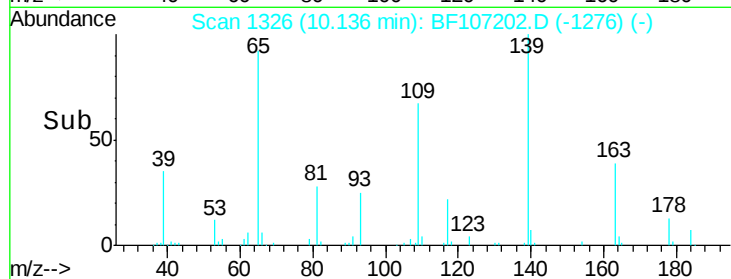
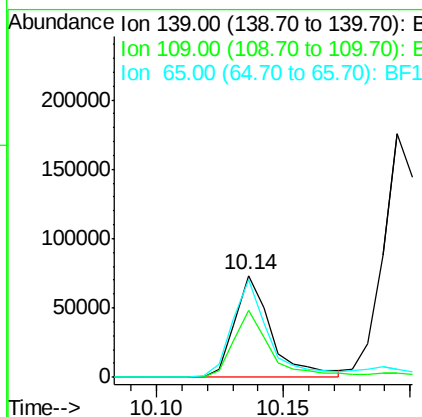
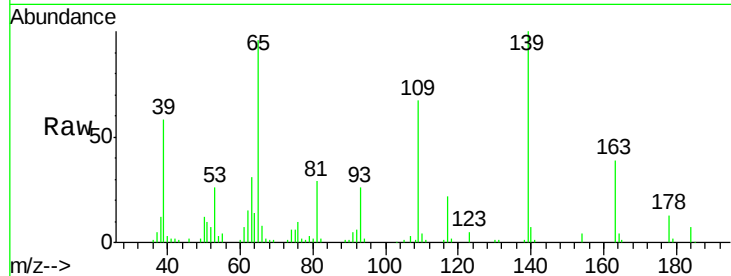




#55
4-Nitrophenol
Concen: 45.785 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF107202.D
Acq: 7 Jul 2018 13:23

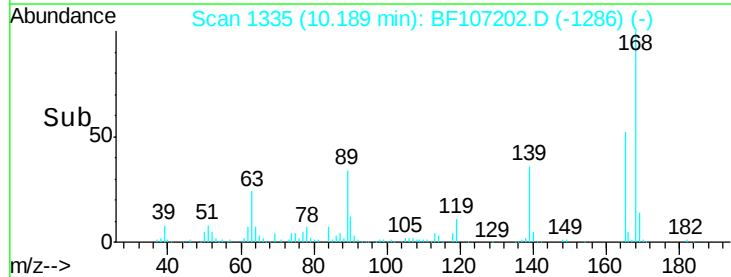
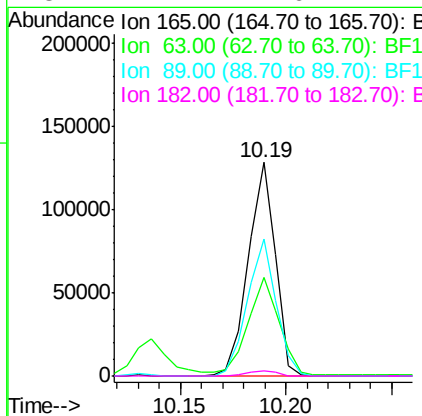
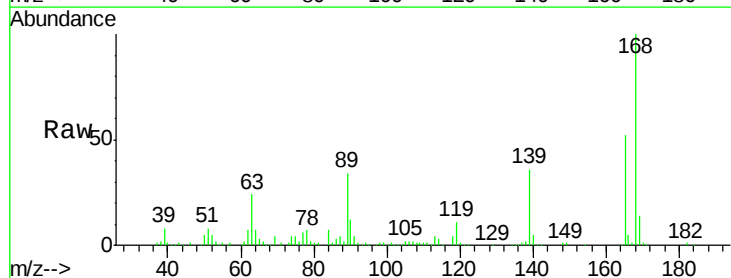
Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MSD

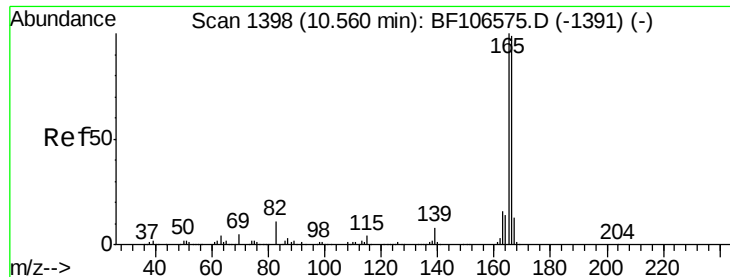
Tgt Ion:139 Resp: 74164
Ion Ratio Lower Upper
139 100
109 66.5 48.4 88.4
65 95.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.420 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF107202.D
Acq: 7 Jul 2018 13:23

Tgt Ion:165 Resp: 114295
Ion Ratio Lower Upper
165 100
63 46.0 36.4 54.6
89 64.3 57.8 86.6
182 2.2 1.6 2.4

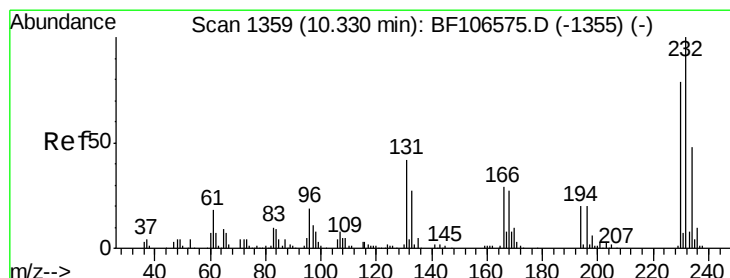
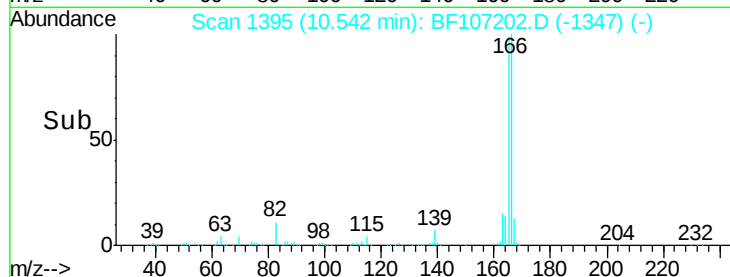
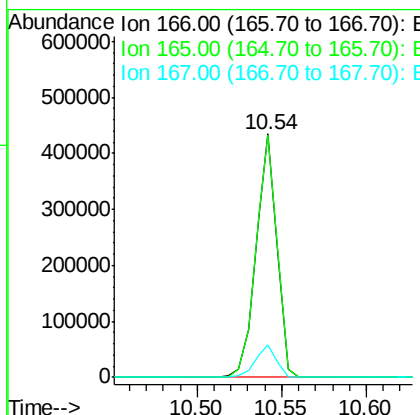
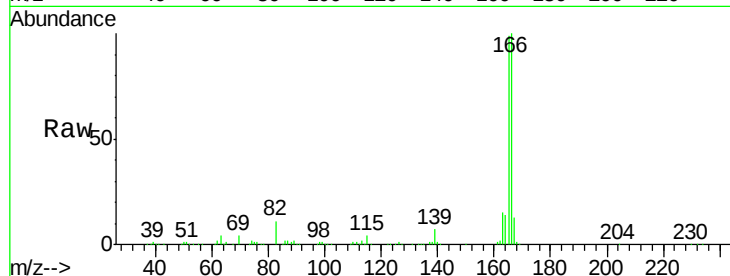




#57
 Fluorene
 Concen: 43.390 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.02 min
 Lab File: BF107202.D
 Acq: 7 Jul 2018 13:23

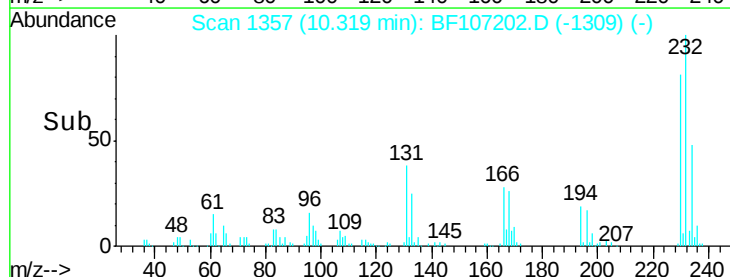
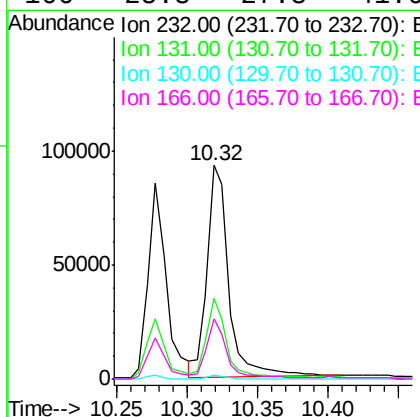
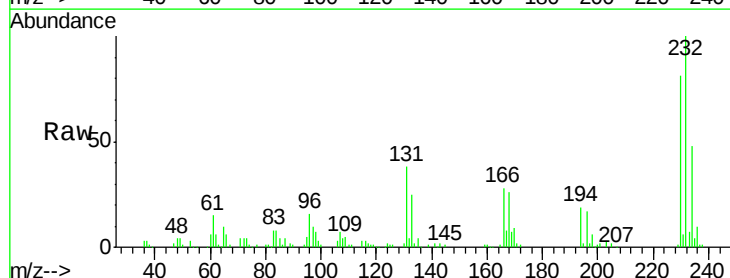
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72MSD

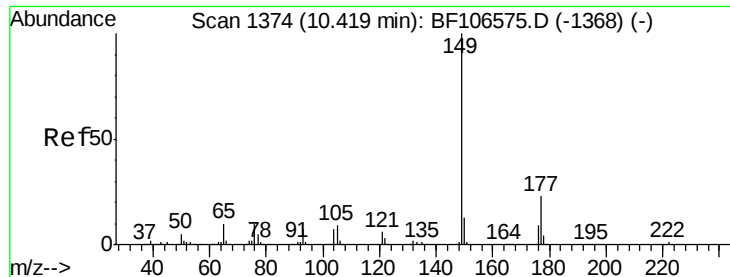
Tgt Ion:166 Resp: 373375
 Ion Ratio Lower Upper
 166 100
 165 99.4 79.8 119.8
 167 13.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.284 ng
 RT: 10.32 min Scan# 1357
 Delta R.T. -0.02 min
 Lab File: BF107202.D
 Acq: 7 Jul 2018 13:23

Tgt Ion:232 Resp: 99695
 Ion Ratio Lower Upper
 232 100
 131 34.6 43.8 65.8#
 130 1.2 2.1 3.1#
 166 25.8 27.8 41.6#

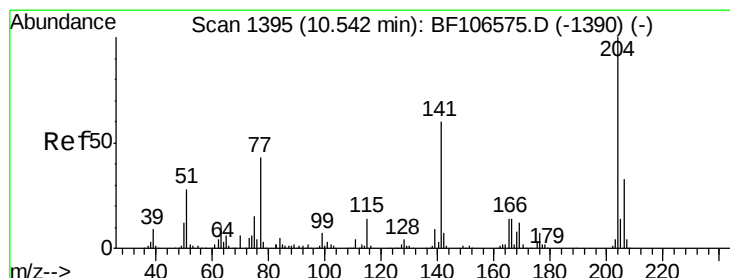
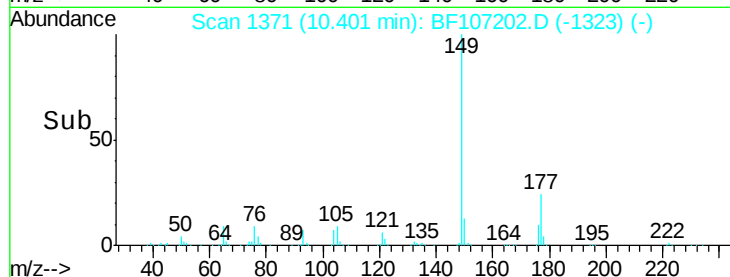
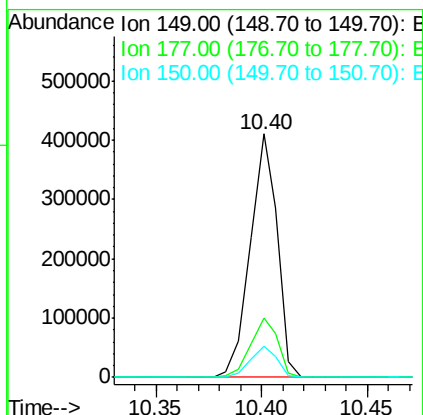
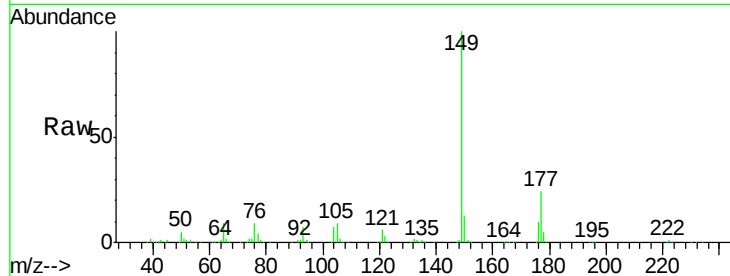




#59
Diethylphthalate
Concen: 39.597 ng
RT: 10.40 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BF107202.D
Acq: 7 Jul 2018 13:23

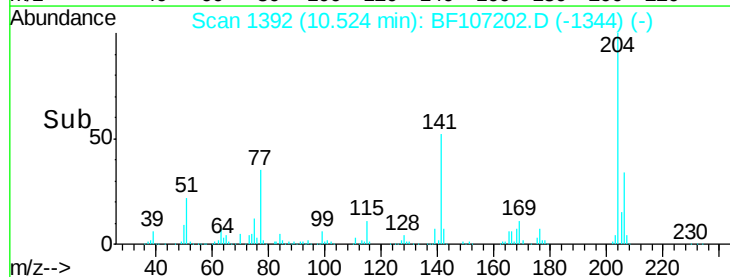
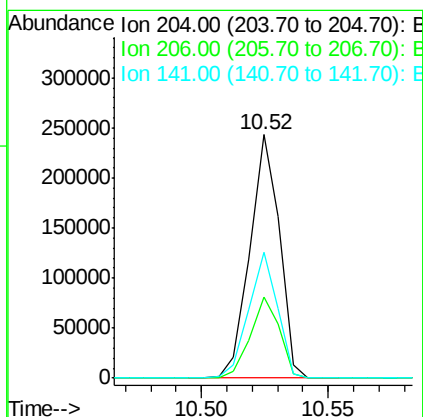
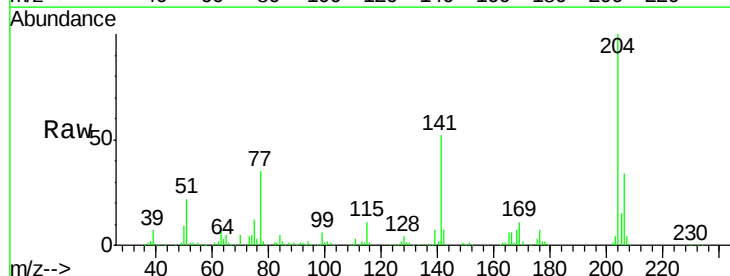
Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MSD

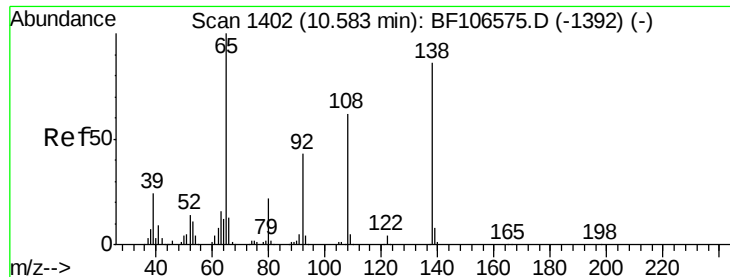
Tgt Ion:149 Resp: 363967
Ion Ratio Lower Upper
149 100
177 24.5 16.1 24.1#
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 43.730 ng
RT: 10.52 min Scan# 1392
Delta R.T. -0.02 min
Lab File: BF107202.D
Acq: 7 Jul 2018 13:23

Tgt Ion:204 Resp: 196888
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 51.7 54.6 81.8#





#61

4-Nitroaniline

Concen: 40.141 ng

RT: 10.58 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72MSD

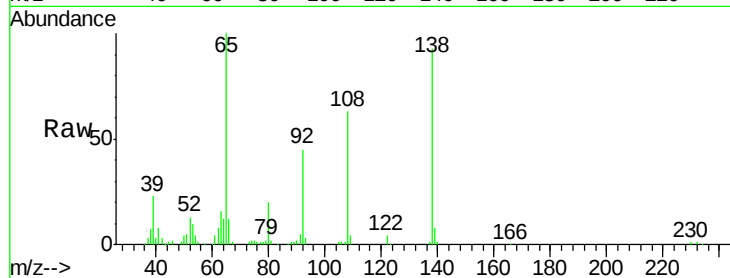
Tgt Ion:138 Resp: 92448

Ion Ratio Lower Upper

138 100

92 48.1 30.2 70.2

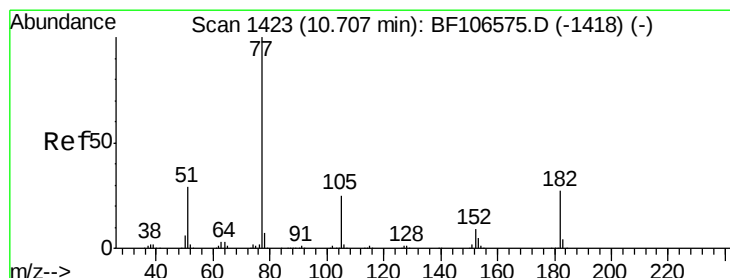
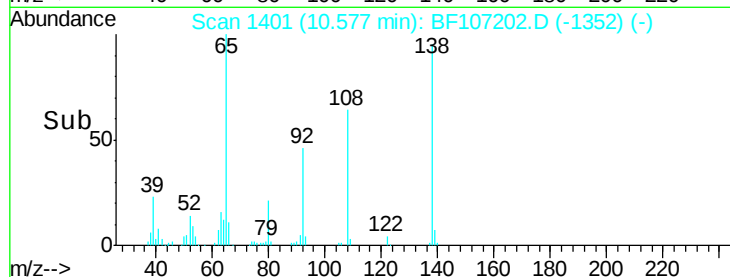
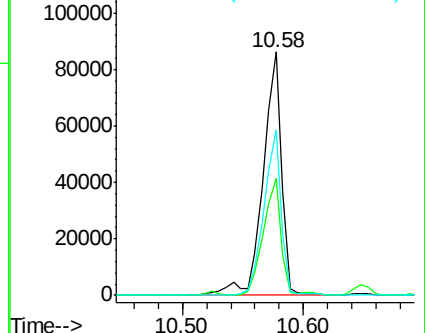
108 67.7 52.5 92.5



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: 38.517 ng

RT: 10.69 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Tgt Ion: 77 Resp: 348646

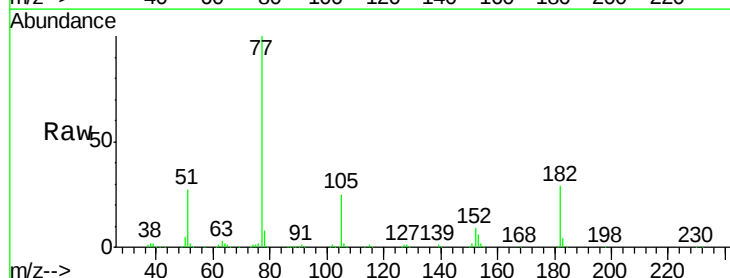
Ion Ratio Lower Upper

77 100

182 28.9 1.7 41.7

105 25.1 3.0 43.0

51 26.9 9.9 49.9

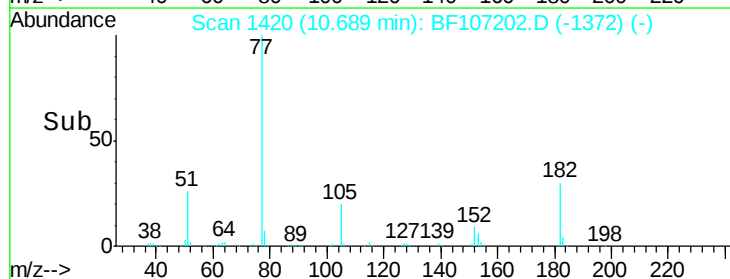
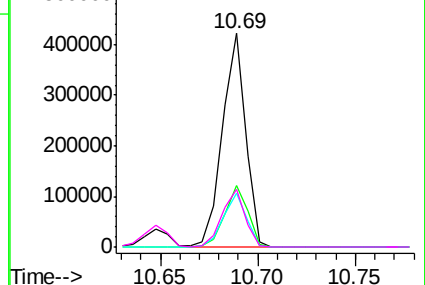


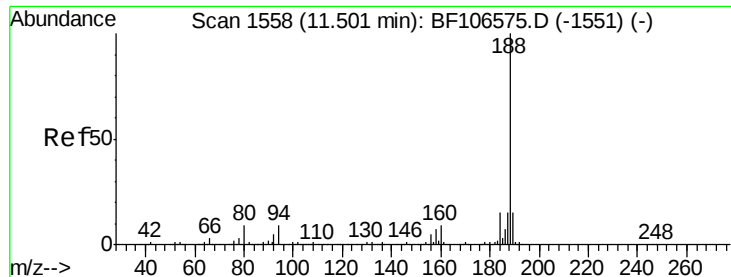
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

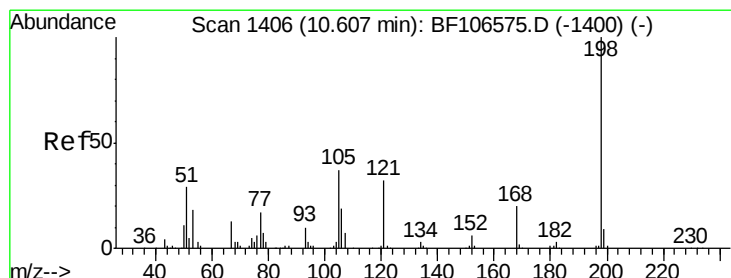
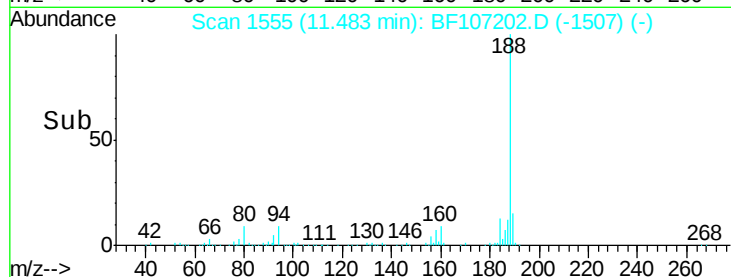
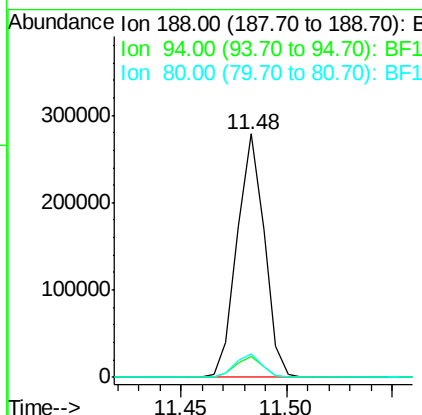
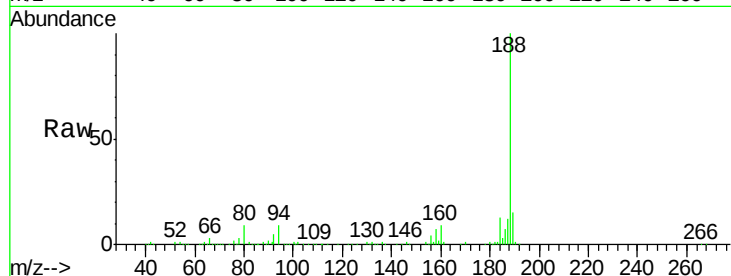




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1555
 Delta R.T. -0.02 min
 Lab File: BF107202.D
 Acq: 7 Jul 2018 13:23

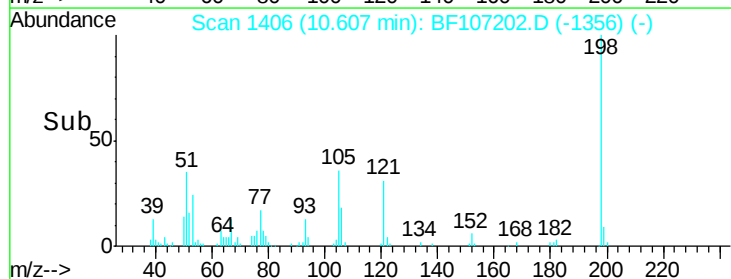
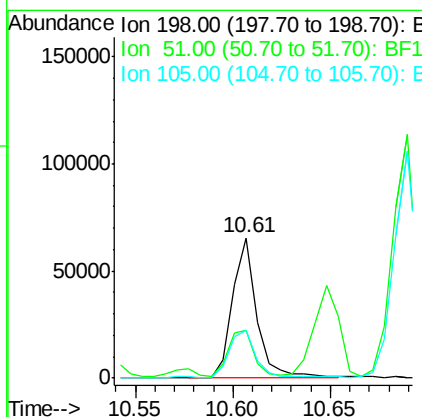
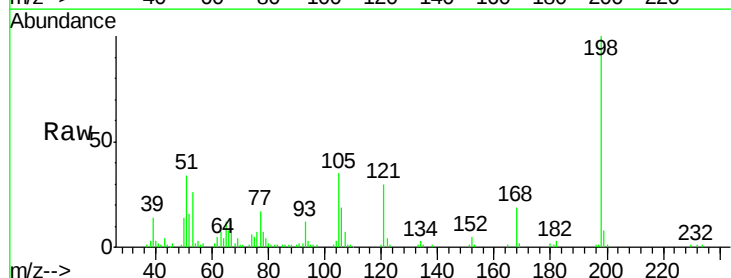
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72MSD

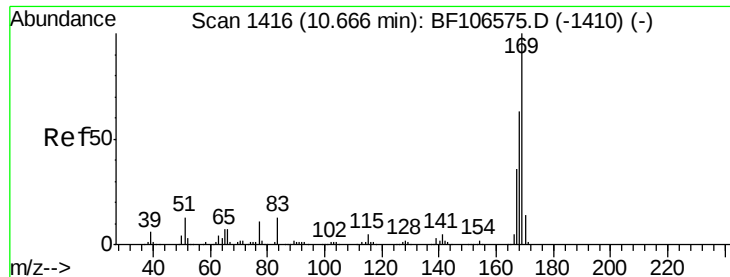
Tgt Ion:188 Resp: 248942
 Ion Ratio Lower Upper
 188 100
 94 8.6 8.5 12.7
 80 9.4 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 36.869 ng
 RT: 10.61 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF107202.D
 Acq: 7 Jul 2018 13:23

Tgt Ion:198 Resp: 56735
 Ion Ratio Lower Upper
 198 100
 51 33.8 37.7 77.7#
 105 34.5 36.3 76.3#

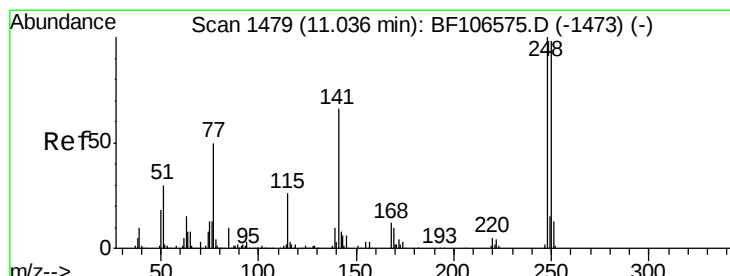
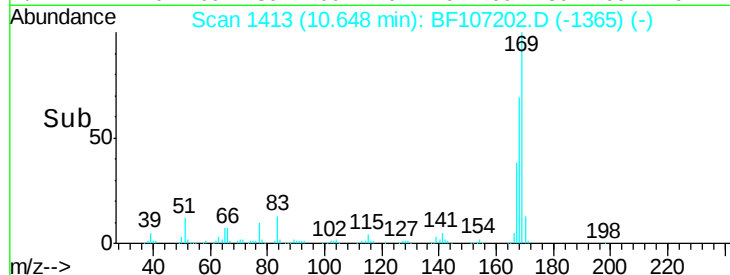
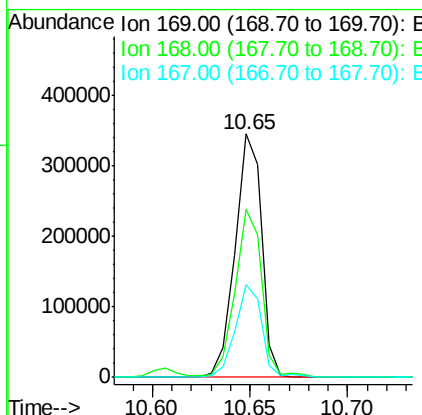
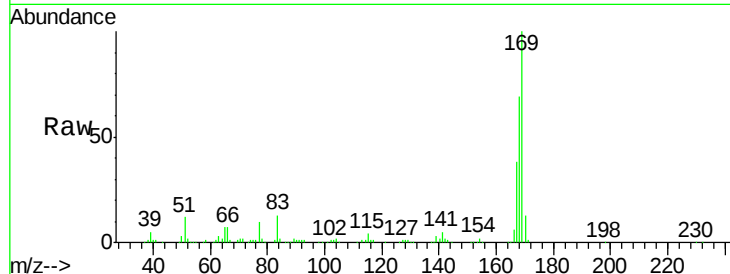




#65
n-Nitrosodiphenylamine
Concen: 38.866 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BF107202.D
Acq: 7 Jul 2018 13:23

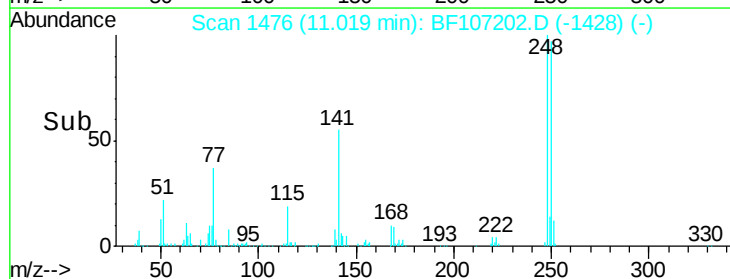
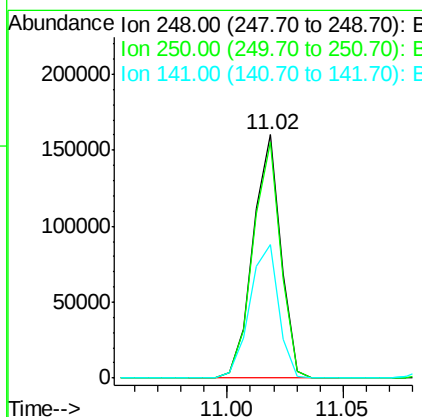
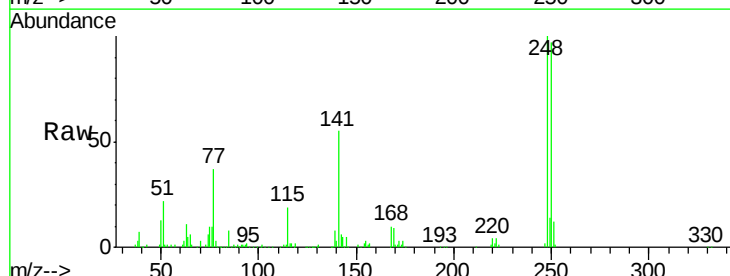
Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MSD

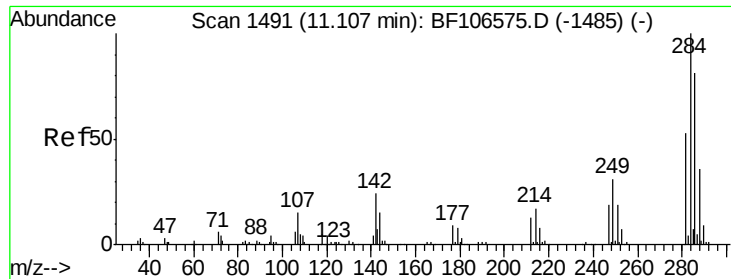
Tgt Ion:169 Resp: 325436
Ion Ratio Lower Upper
169 100
168 69.0 54.4 81.6
167 37.8 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 45.374 ng
RT: 11.02 min Scan# 1476
Delta R.T. -0.02 min
Lab File: BF107202.D
Acq: 7 Jul 2018 13:23

Tgt Ion:248 Resp: 134805
Ion Ratio Lower Upper
248 100
250 96.8 76.9 115.3
141 54.9 74.4 111.6#

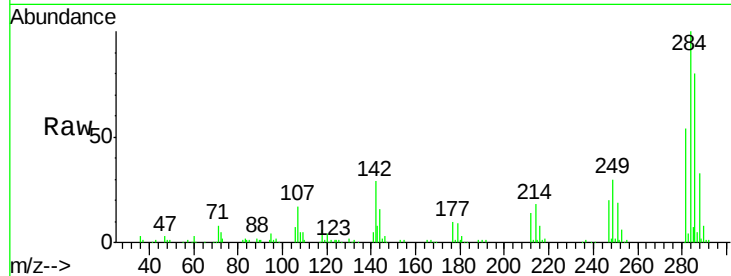




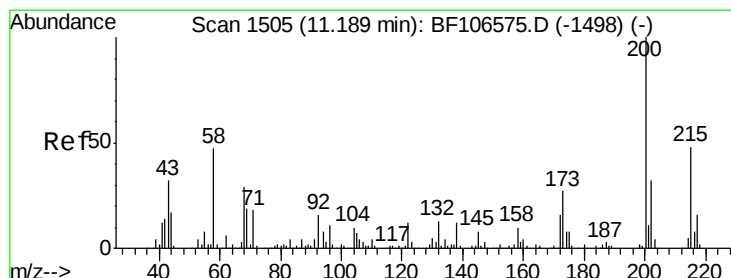
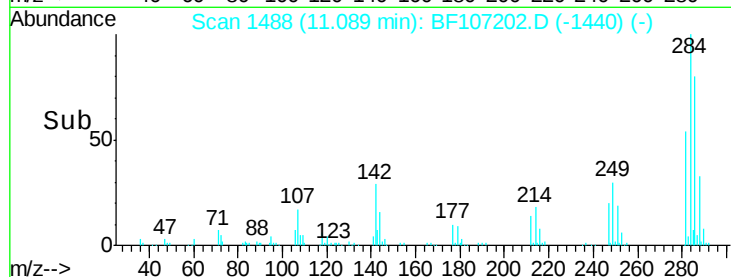
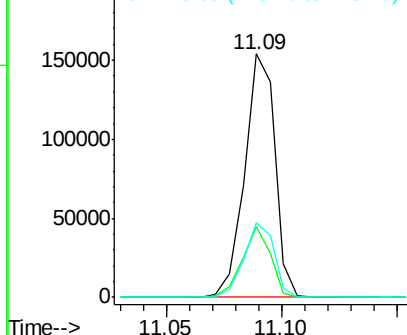
#67
Hexachlorobenzene
Concen: 45.388 ng
RT: 11.09 min Scan# 1488
Delta R.T. -0.02 min
Lab File: BF107202.D
Acq: 7 Jul 2018 13:23

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

Tgt Ion: 284 Resp: 141135
Ion Ratio Lower Upper
284 100
142 29.1 34.6 52.0#
249 30.5 24.8 37.2

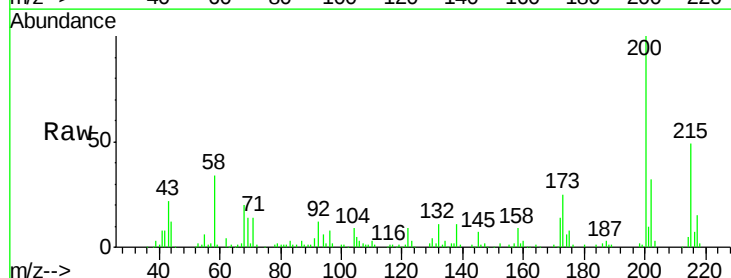


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

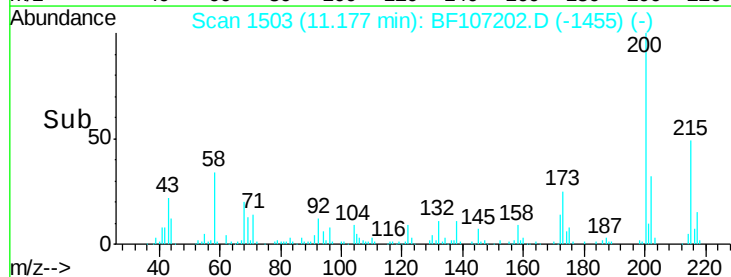
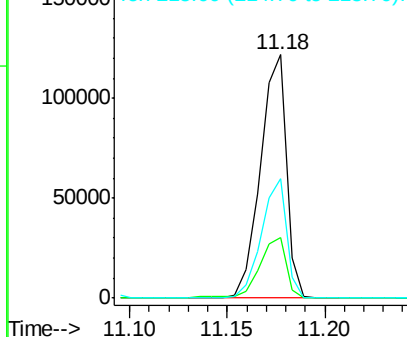


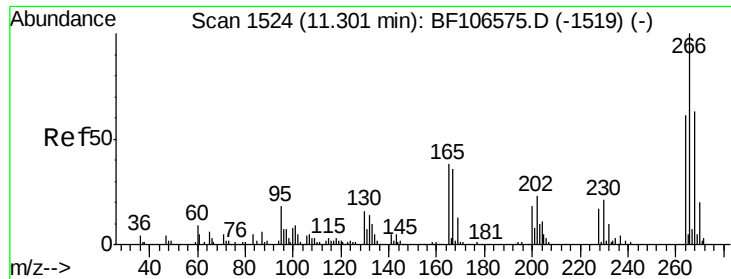
#68
Atrazine
Concen: 42.351 ng
RT: 11.18 min Scan# 1503
Delta R.T. -0.02 min
Lab File: BF107202.D
Acq: 7 Jul 2018 13:23

Tgt Ion: 200 Resp: 112734
Ion Ratio Lower Upper
200 100
173 24.8 8.6 48.6
215 48.8 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

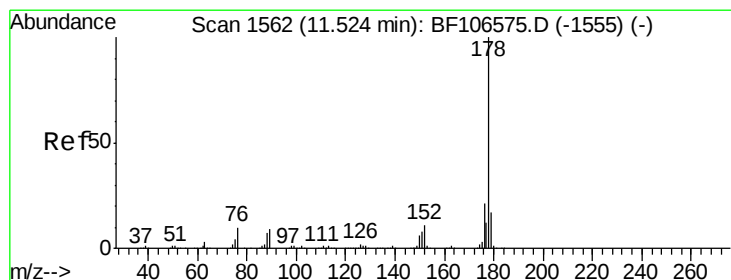
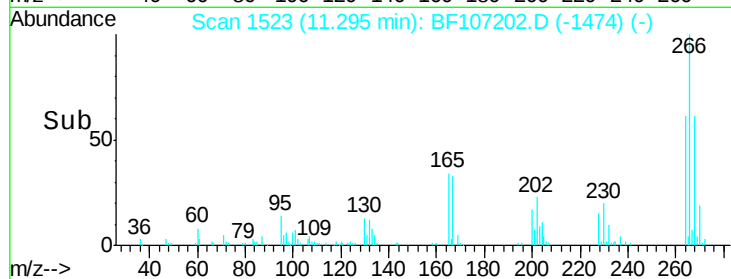
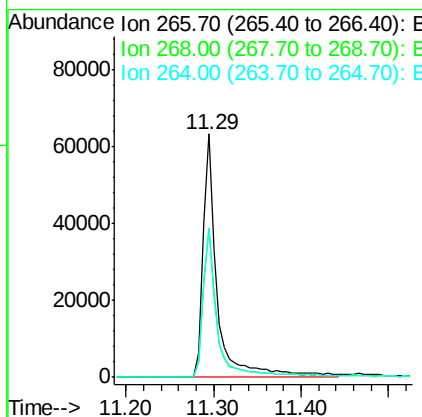
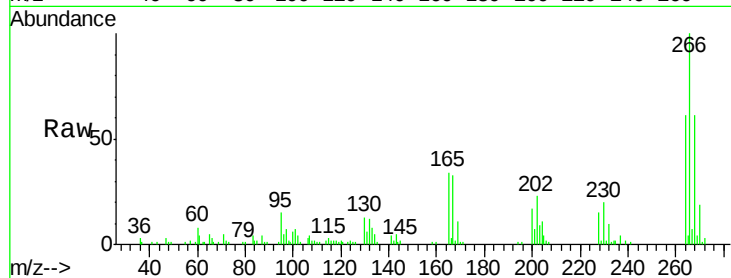




#69
 Pentachlorophenol
 Concen: 46.656 ng
 RT: 11.29 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF107202.D
 Acq: 7 Jul 2018 13:23

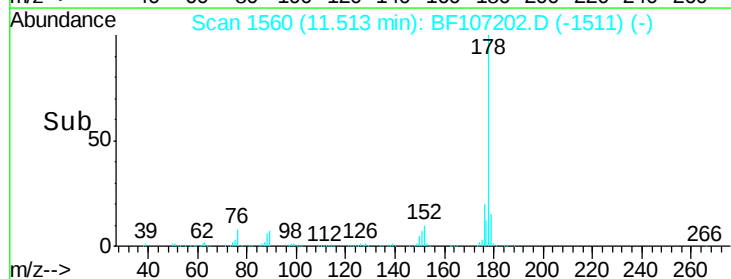
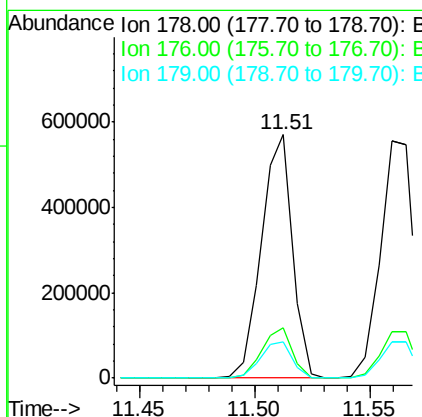
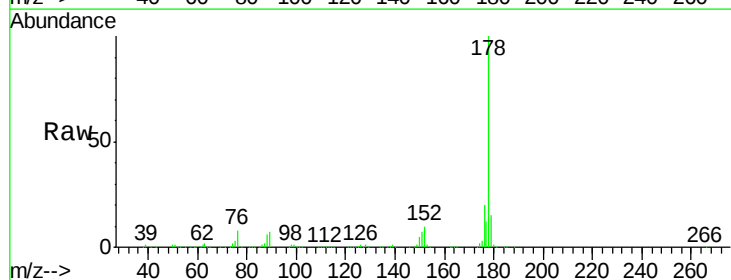
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72MSD

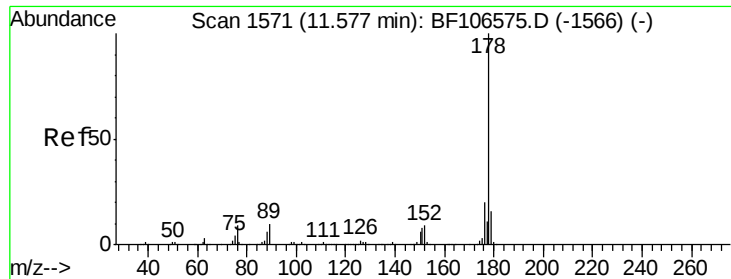
Tgt Ion:266 Resp: 72389
 Ion Ratio Lower Upper
 266 100
 268 61.2 51.1 76.7
 264 61.1 49.5 74.3



#70
 Phenanthrene
 Concen: 44.625 ng
 RT: 11.51 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF107202.D
 Acq: 7 Jul 2018 13:23

Tgt Ion:178 Resp: 535812
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.8 23.8
 179 15.1 13.0 19.6

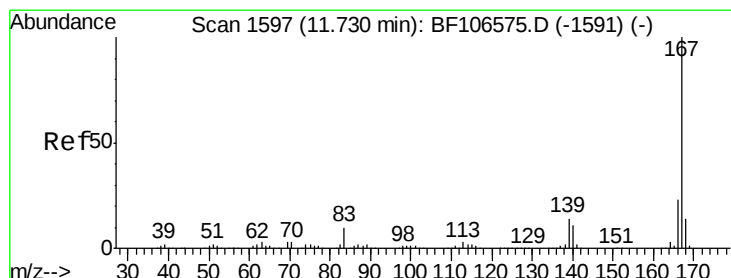
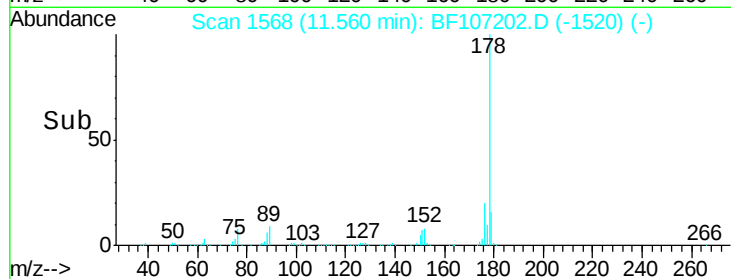
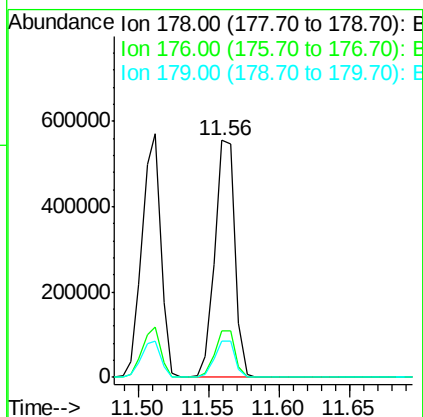
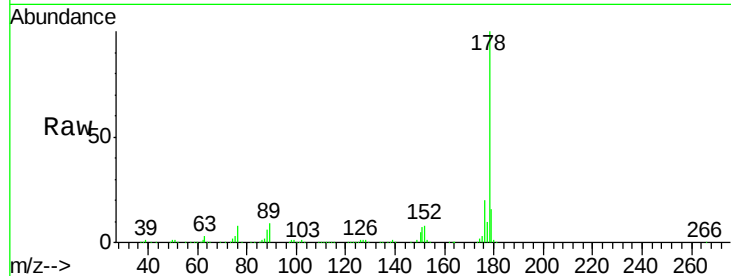




#71
 Anthracene
 Concen: 45.040 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: BF107202.D
 Acq: 7 Jul 2018 13:23

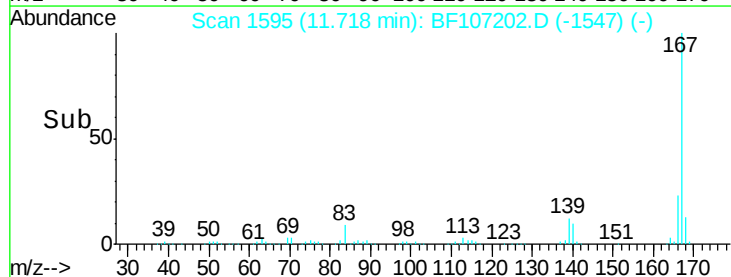
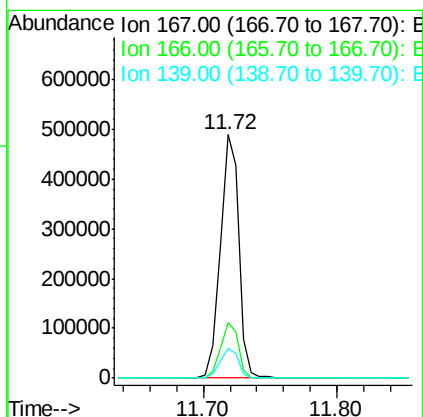
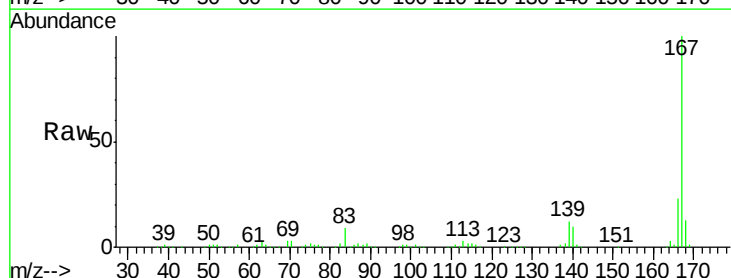
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72MSD

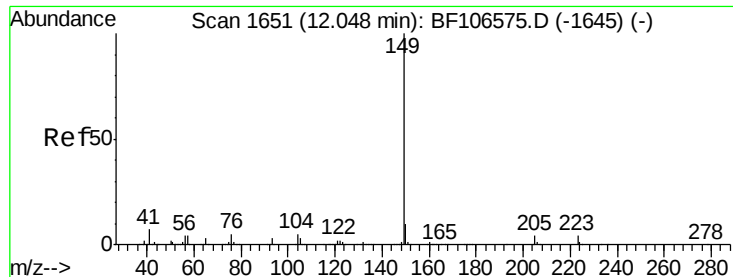
Tgt Ion:178 Resp: 551996
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 41.779 ng
 RT: 11.72 min Scan# 1595
 Delta R.T. -0.02 min
 Lab File: BF107202.D
 Acq: 7 Jul 2018 13:23

Tgt Ion:167 Resp: 479378
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 12.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.855 ng

RT: 12.02 min Scan# 1647

Delta R.T. -0.02 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72MSD

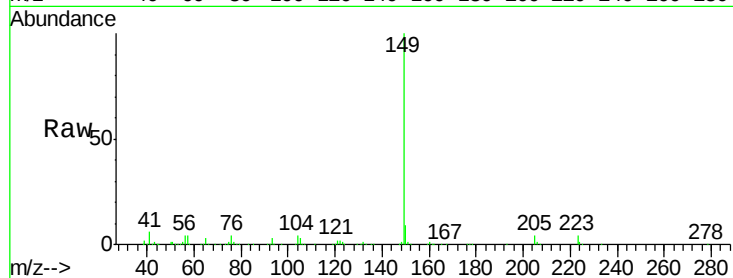
Tgt Ion:149 Resp: 538745

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

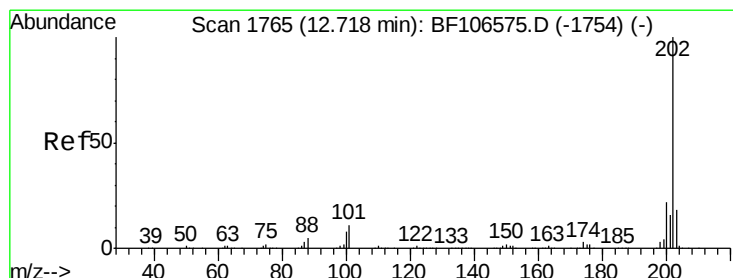
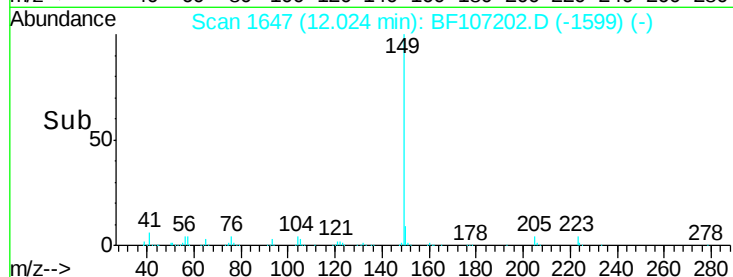
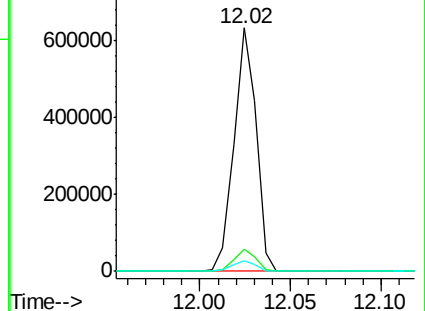
104 4.4 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.592 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

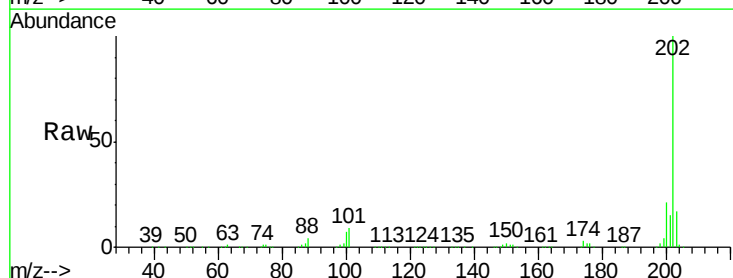
Tgt Ion:202 Resp: 550427

Ion Ratio Lower Upper

202 100

101 9.2 0.0 34.1

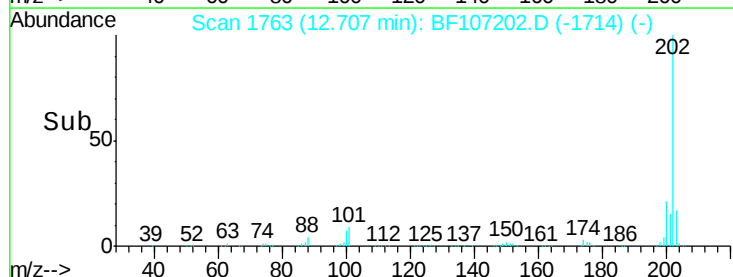
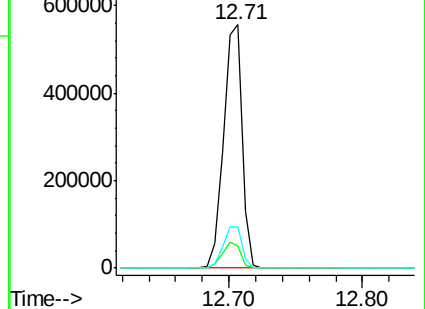
203 17.1 0.0 38.1

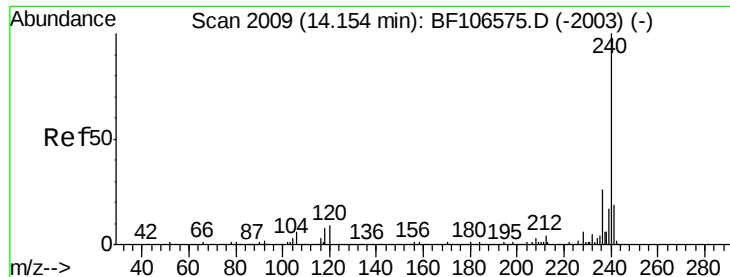


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72MSD

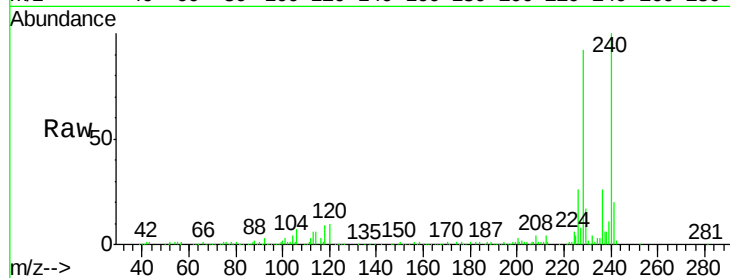
Tgt Ion:240 Resp: 168041

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

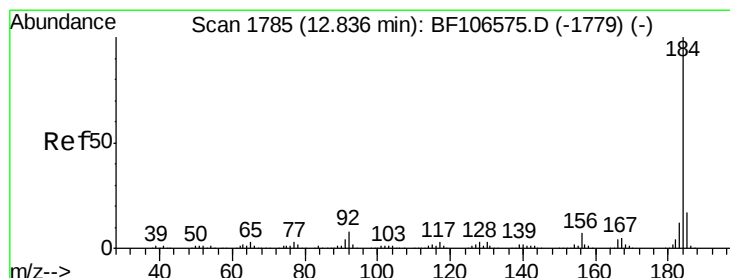
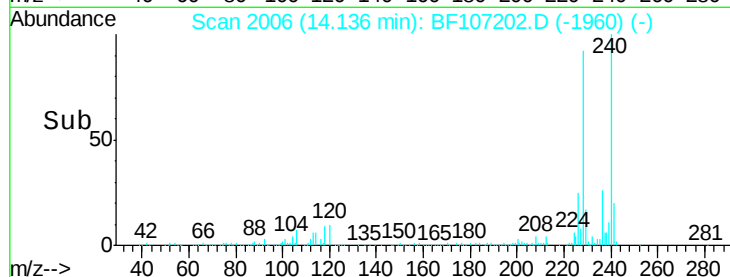
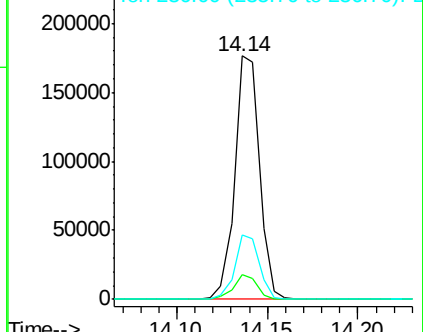
236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 51.878 ng

RT: 12.82 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

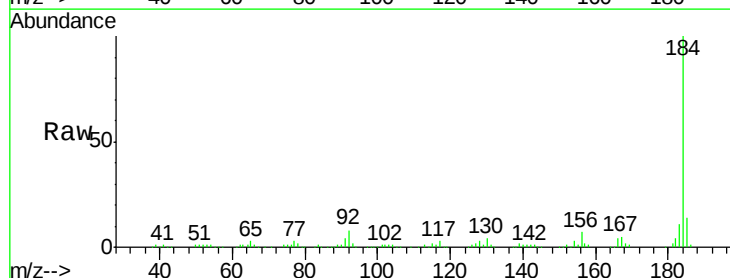
Tgt Ion:184 Resp: 248277

Ion Ratio Lower Upper

184 100

185 13.8 12.6 18.8

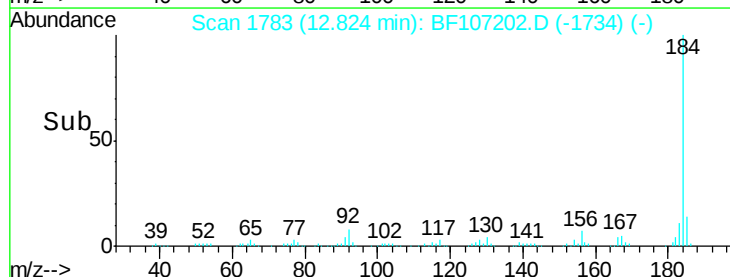
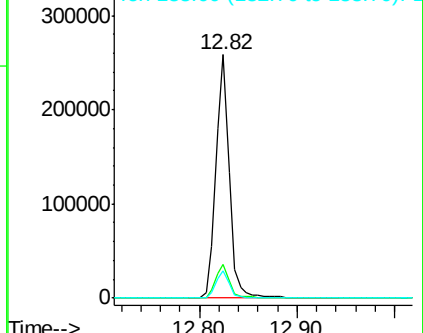
183 11.2 9.3 13.9

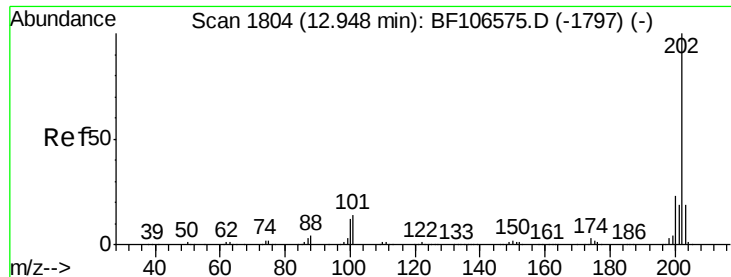


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 48.707 ng

RT: 12.94 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72MSD

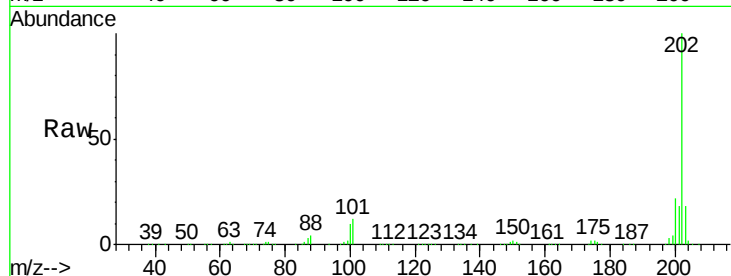
Tgt Ion: 202 Resp: 539728

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

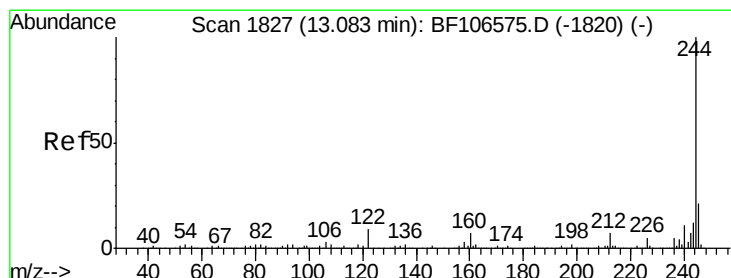
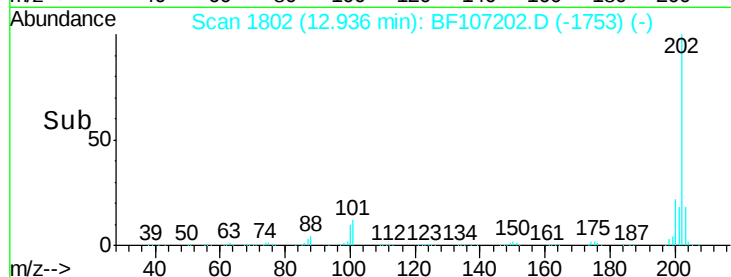
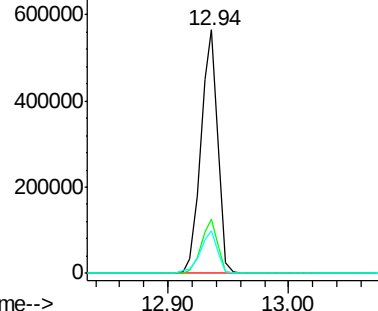
203 17.5 14.3 21.5



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: 102.600 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

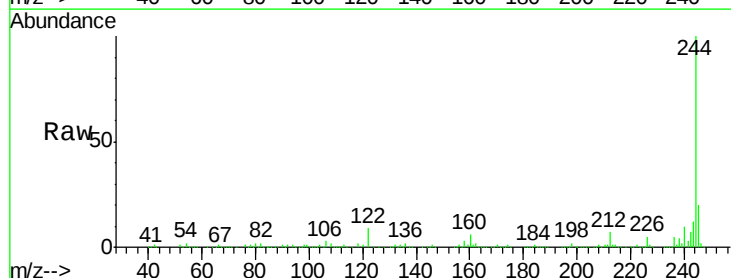
Tgt Ion: 244 Resp: 711762

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

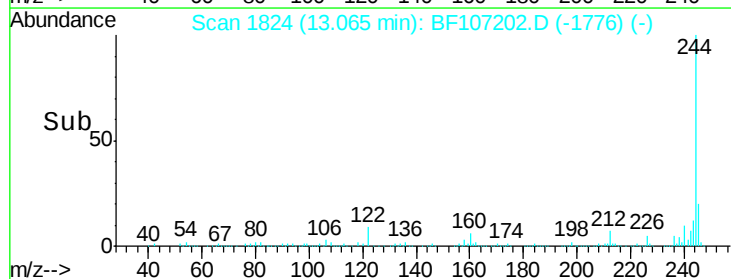
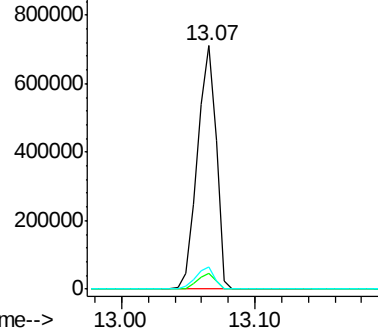
122 9.0 11.0 16.4#

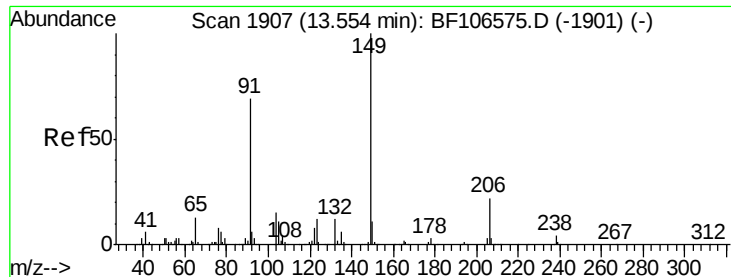


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

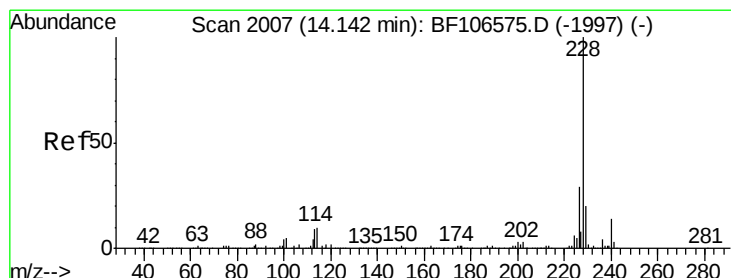
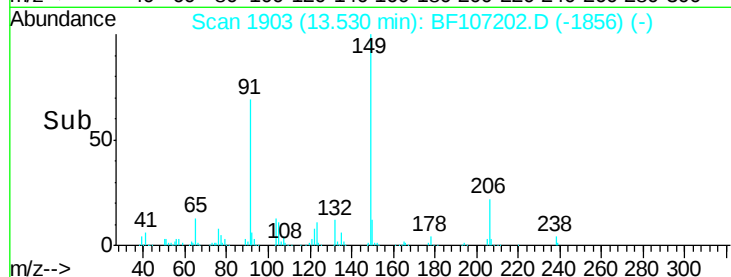
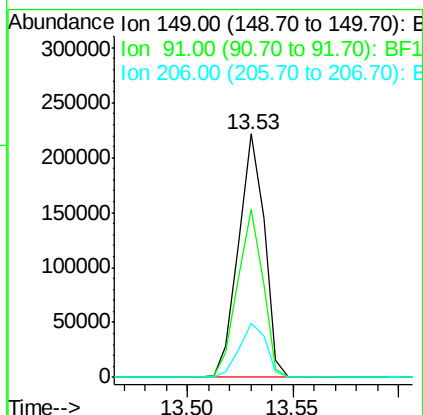
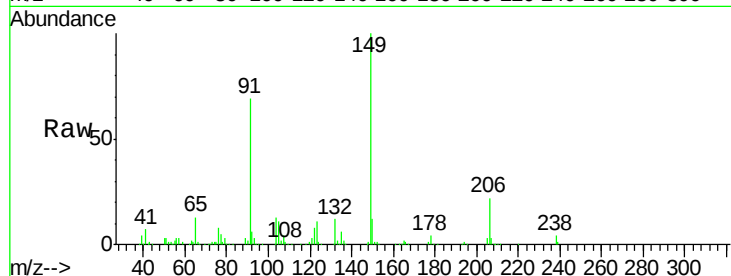




#79
Butylbenzylphthalate
Concen: 41.425 ng
RT: 13.53 min Scan# 1903
Delta R.T. -0.02 min
Lab File: BF107202.D
Acq: 7 Jul 2018 13:23

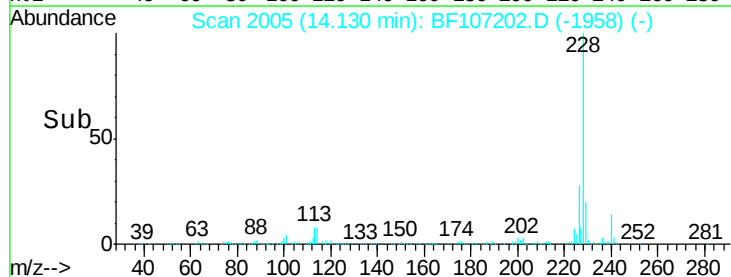
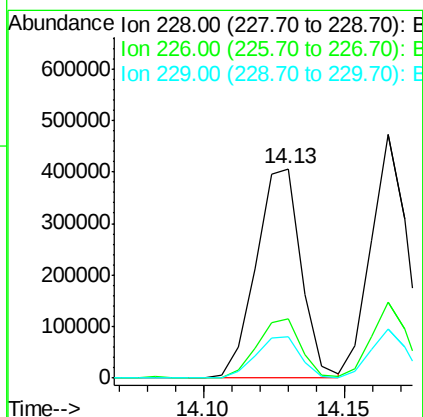
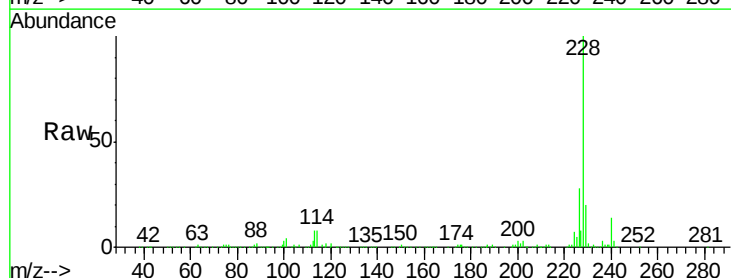
Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.2	56.8	85.2
206	22.4	14.1	21.1



#80
Benzo(a)anthracene
Concen: 43.949 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF107202.D
Acq: 7 Jul 2018 13:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	19.6	15.8	23.6

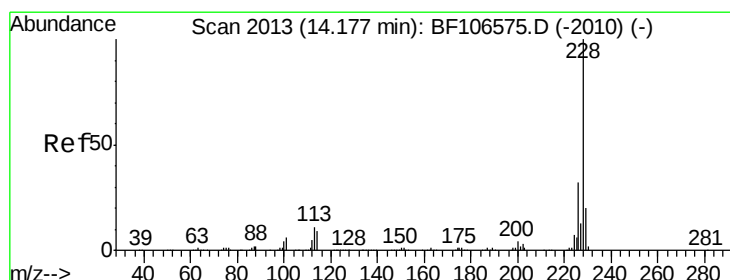
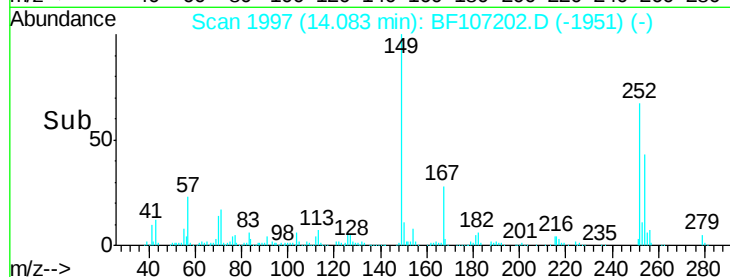
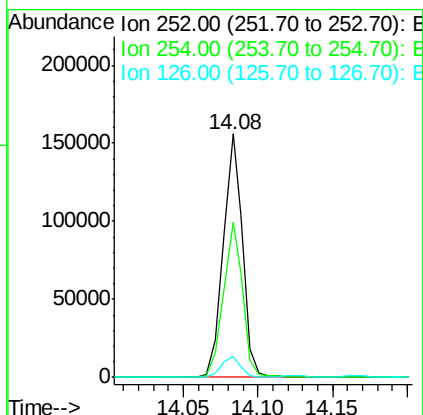
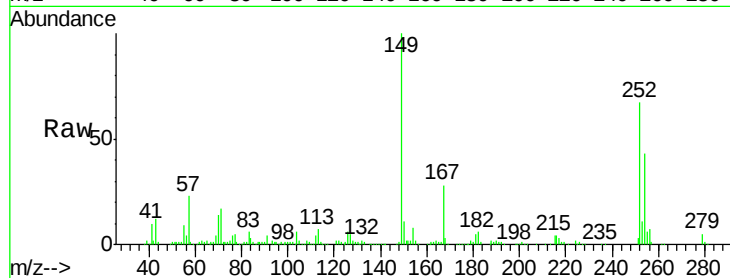




#81
 3,3'-Dichlorobenzidine
 Concen: 39.766 ng
 RT: 14.08 min Scan# 1997
 Delta R.T. -0.03 min
 Lab File: BF107202.D
 Acq: 7 Jul 2018 13:23

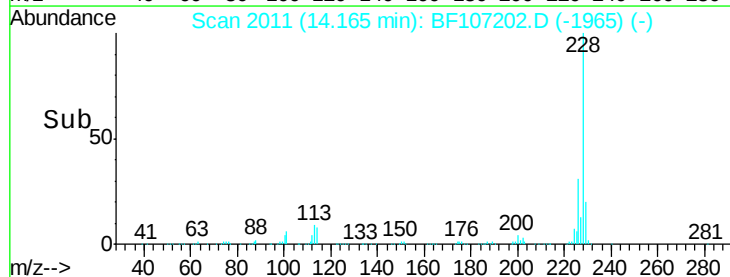
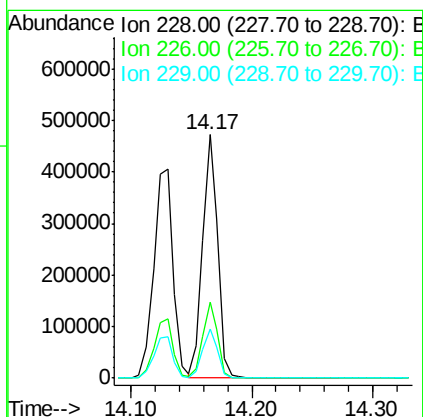
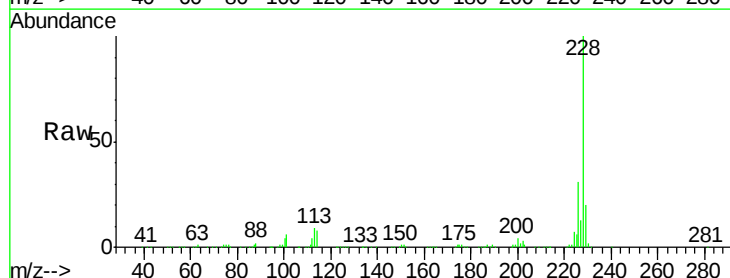
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72MSD

Tgt Ion:252 Resp: 143137
 Ion Ratio Lower Upper
 252 100
 254 63.7 50.4 75.6
 126 8.3 11.3 16.9#



#82
 Chrysene
 Concen: 43.771 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.03 min
 Lab File: BF107202.D
 Acq: 7 Jul 2018 13:23

Tgt Ion:228 Resp: 412415
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.0 37.6
 229 20.0 16.2 24.4

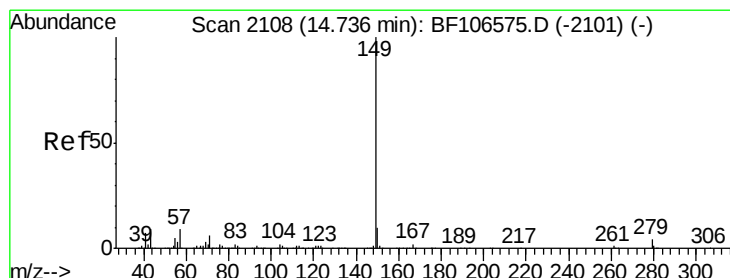
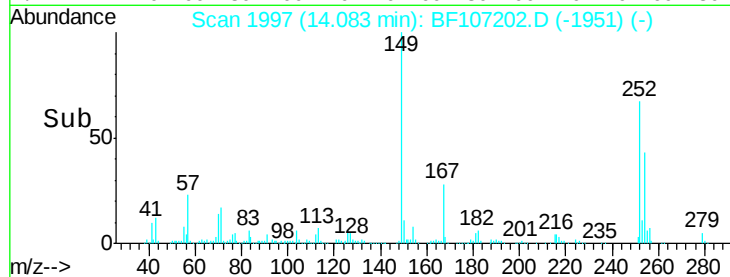
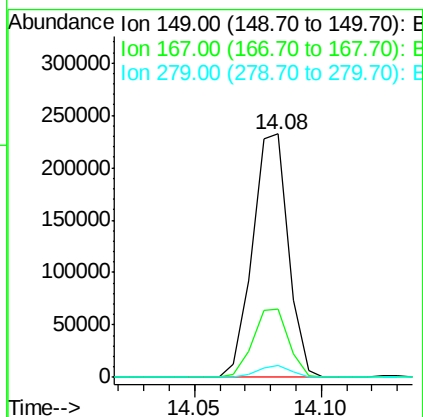
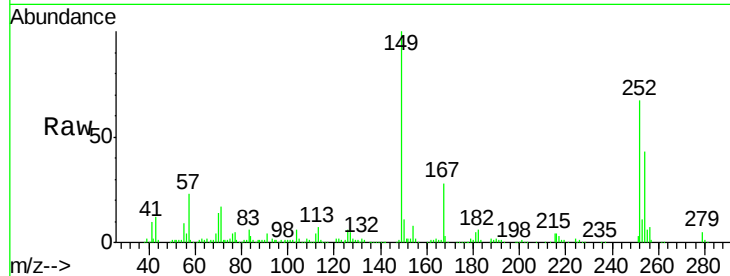




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.159 ng
 RT: 14.08 min Scan# 1997
 Delta R.T. -0.03 min
 Lab File: BF107202.D
 Acq: 7 Jul 2018 13:23

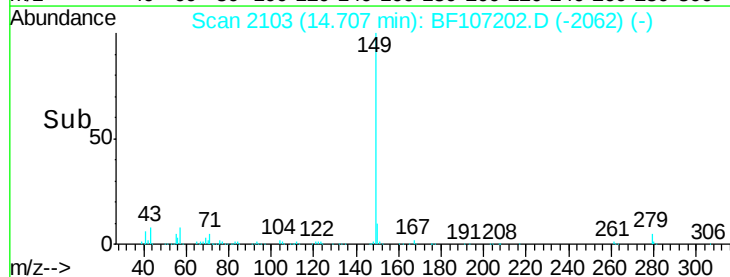
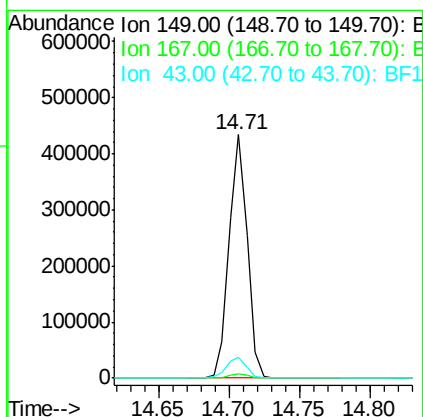
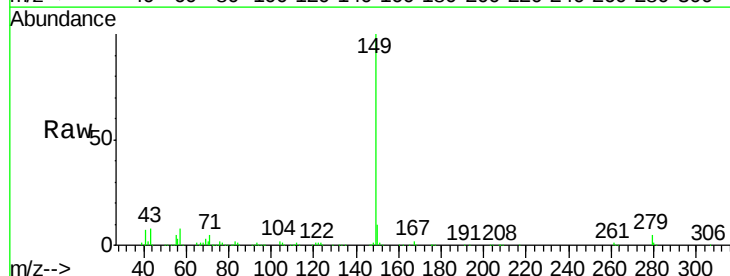
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72MSD

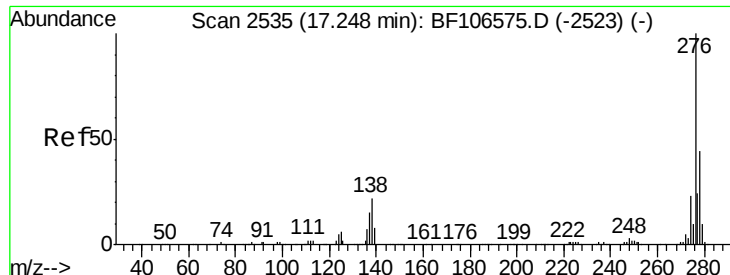
Tgt Ion:149 Resp: 228090
 Ion Ratio Lower Upper
 149 100
 167 28.2 21.3 31.9
 279 5.1 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 41.063 ng
 RT: 14.71 min Scan# 2103
 Delta R.T. -0.06 min
 Lab File: BF107202.D
 Acq: 7 Jul 2018 13:23

Tgt Ion:149 Resp: 389878
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 8.6 8.4 12.6

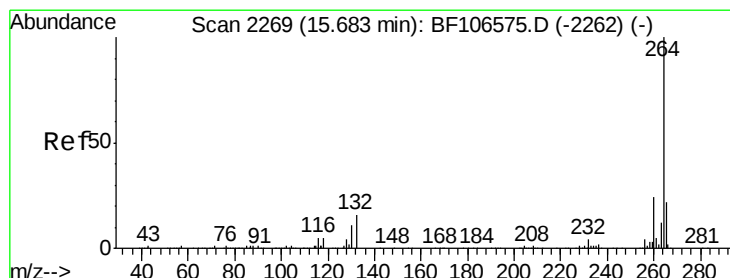
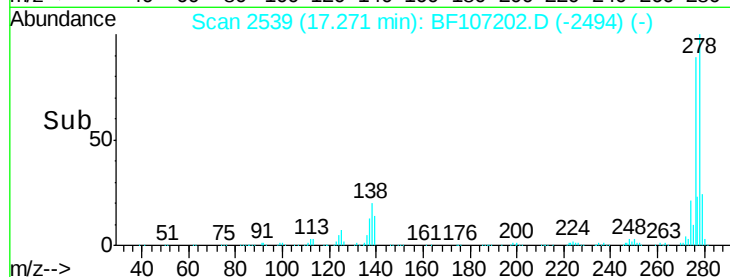
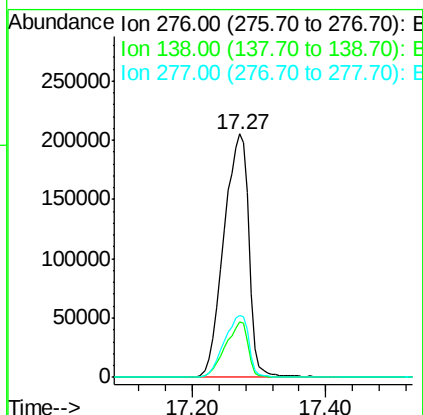
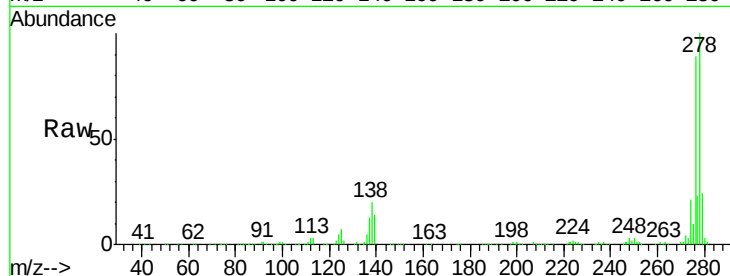




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 68.195 ng
 RT: 17.27 min Scan# 2539
 Delta R.T. -0.04 min
 Lab File: BF107202.D
 Acq: 7 Jul 2018 13:23

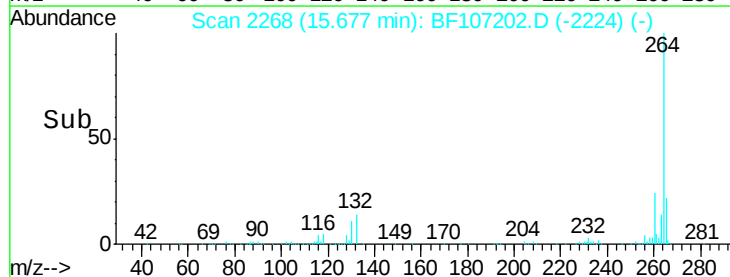
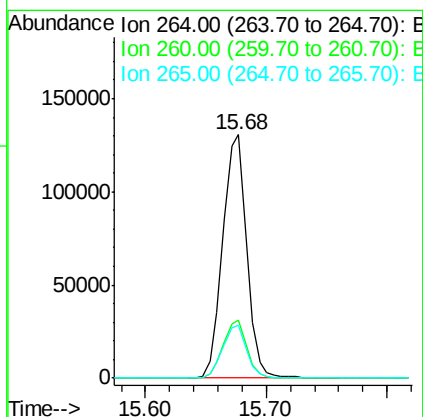
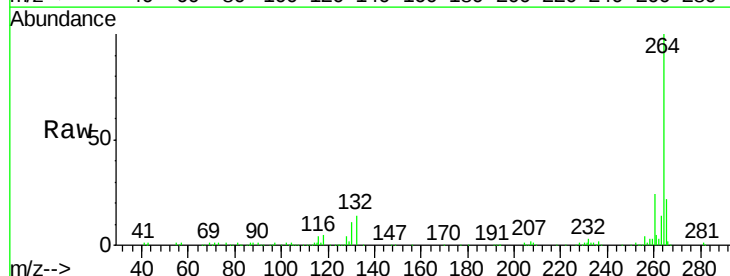
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72MSD

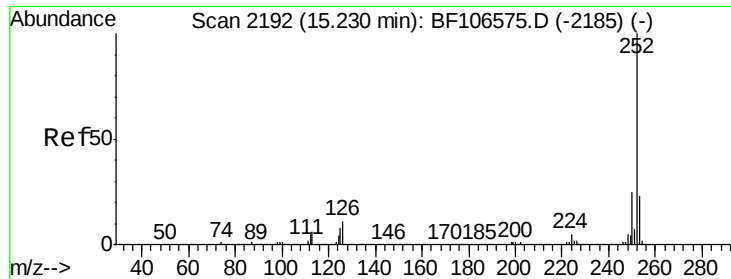
Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	25.0	37.6#
277	25.0	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF107202.D
 Acq: 7 Jul 2018 13:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.8	17.5	26.3

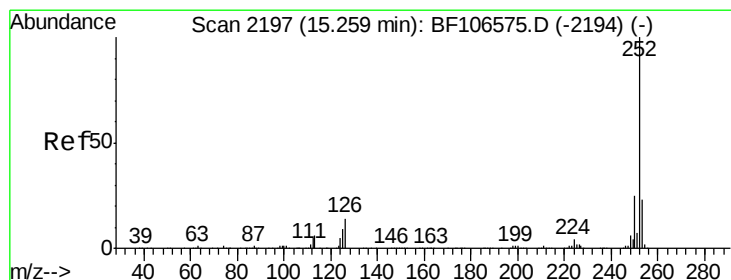
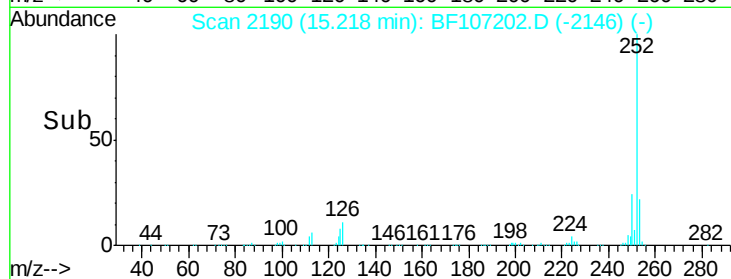
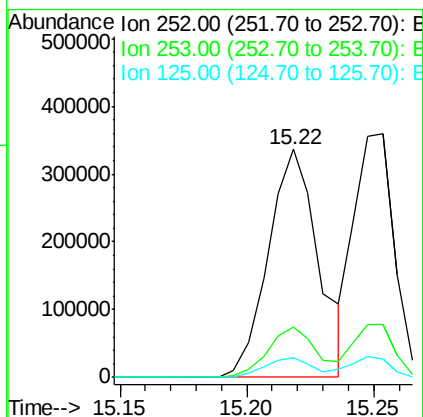
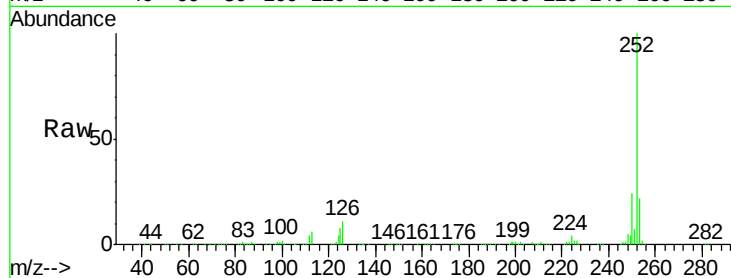




#87
Benzo(b)fluoranthene
Concen: 41.661 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF107202.D
Acq: 7 Jul 2018 13:23

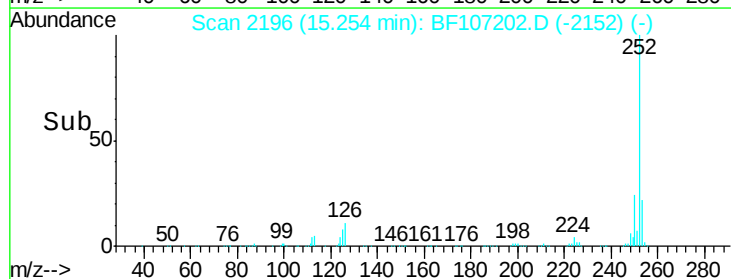
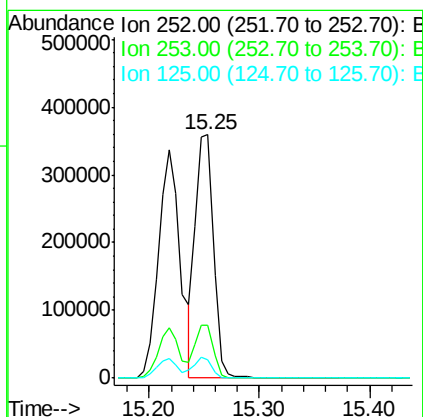
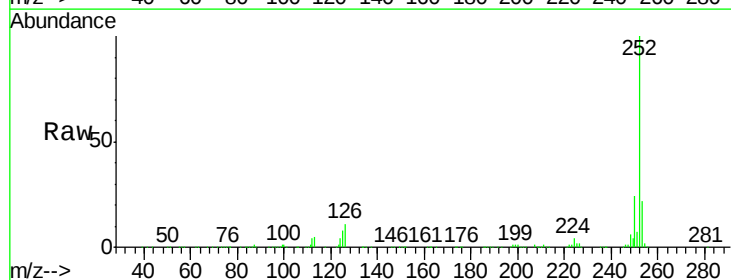
Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MSD

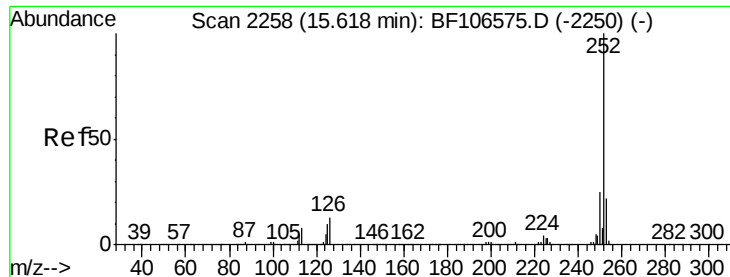
Tgt Ion:252 Resp: 465453
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 8.4 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 37.701 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF107202.D
Acq: 7 Jul 2018 13:23

Tgt Ion:252 Resp: 401116
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 7.6 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 43.736 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.04 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72MSD

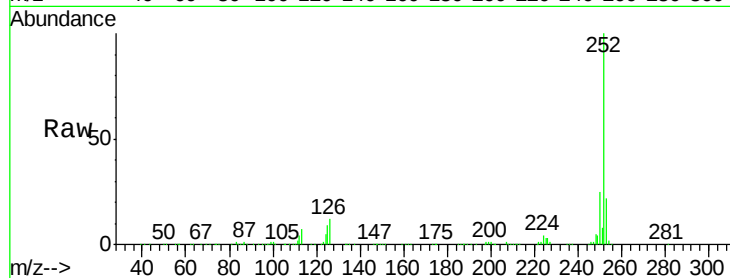
Tgt Ion:252 Resp: 434395

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

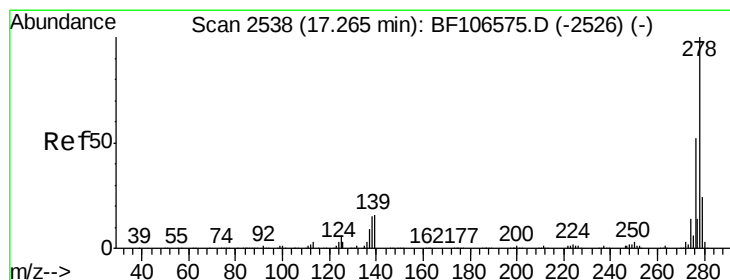
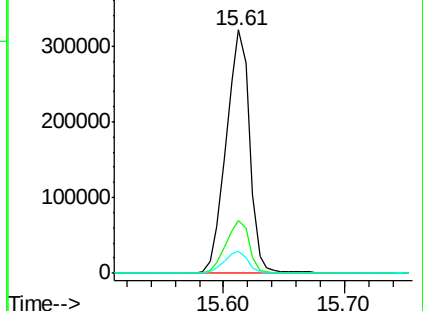
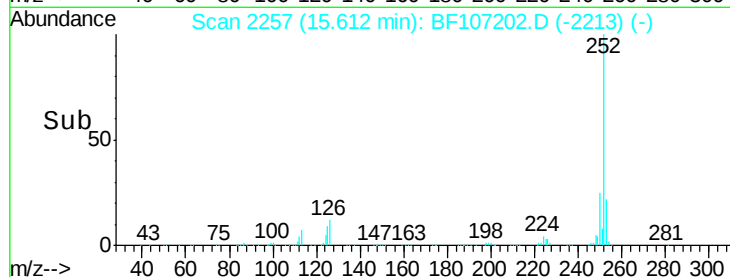
125 9.1 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 53.771 ng

RT: 17.28 min Scan# 2540

Delta R.T. -0.05 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

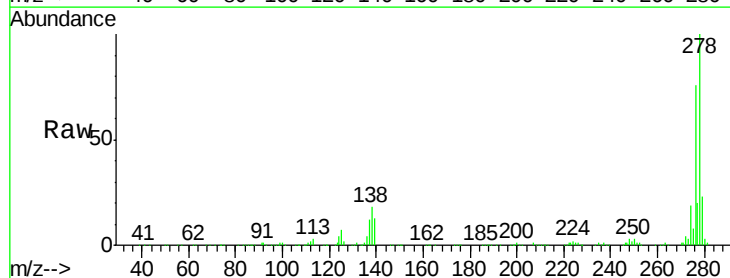
Tgt Ion:278 Resp: 452611

Ion Ratio Lower Upper

278 100

139 12.5 15.9 23.9#

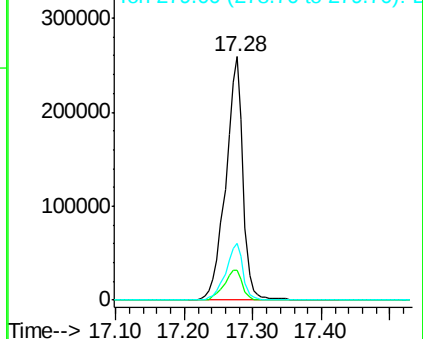
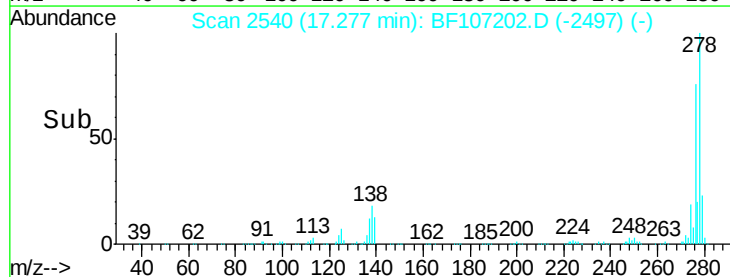
279 23.3 19.0 28.4

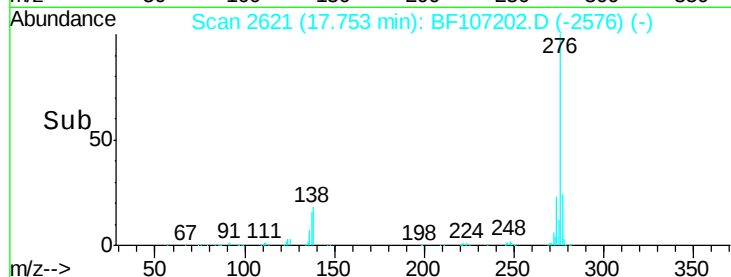
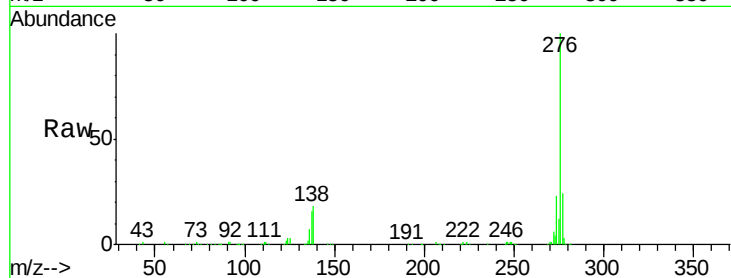
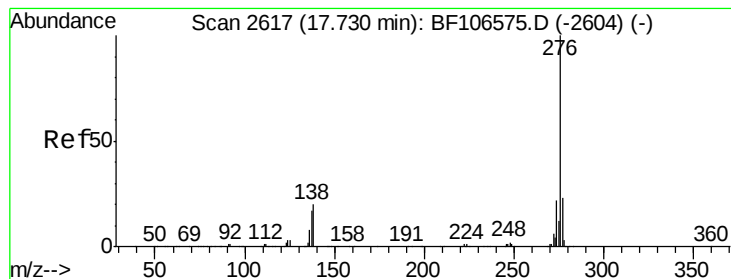


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 57.429 ng

RT: 17.75 min Scan# 2621

Delta R.T. -0.04 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72MSD

Tgt Ion:276 Resp: 472487

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 18.1 21.8 32.8#

