

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071218\
 Data File : BF107336.D
 Acq On : 12 Jul 2018 14:04
 Operator : JU/SJ
 Sample : PB110949BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110949BS

Quant Time: Jul 12 15:13:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	55558	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	214801	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	113386	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	231194	20.00	ng	0.00
75) Chrysene-d12	14.14	240	158447	20.00	ng	0.00
86) Perylene-d12	15.67	264	162171	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	337279	102.80	ng	0.01
7) Phenol-d6	6.58	99	411536	100.44	ng	0.00
23) Nitrobenzene-d5	7.50	82	266095	68.84	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	137405	104.56	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	521459	76.34	ng	0.00
78) Terphenyl-d14	13.06	244	605424	92.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	44695	26.497	ng	96
3) Pyridine	3.62	79	129467	28.301	ng	99
4) n-Nitrosodimethylamine	3.58	42	51480	26.495	ng	86
6) Aniline	6.60	93	102621	18.464	ng	# 23
8) 2-Chlorophenol	6.72	128	118381	32.896	ng	98
9) Benzaldehyde	6.49	77	49589	15.045	ng	98
10) Phenol	6.60	94	146491	31.328	ng	74
11) bis(2-Chloroethyl)ether	6.67	93	117179	30.355	ng	98
12) 1,3-Dichlorobenzene	6.87	146	138395	32.835	ng	97
13) 1,4-Dichlorobenzene	6.95	146	139910	32.833	ng	96
14) 1,2-Dichlorobenzene	7.10	146	131396	33.646	ng	97
15) Benzyl Alcohol	7.08	79	98602	29.970	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	169773	33.520	ng	# 13
17) 2-Methylphenol	7.20	107	100261	32.556	ng	# 90
18) Hexachloroethane	7.44	117	48619	32.445	ng	# 85
19) n-Nitroso-di-n-propylamine	7.34	70	84467	31.274	ng	95
20) 3+4-Methylphenols	7.35	107	134056	38.802	ng	93
22) Acetophenone	7.34	105	168713	35.107	ng	# 97
24) Nitrobenzene	7.52	77	129301	32.766	ng	99
25) Isophorone	7.75	82	236416	34.711	ng	100
26) 2-Nitrophenol	7.83	139	66158	35.514	ng	99
27) 2,4-Dimethylphenol	7.87	122	109880	38.161	ng	100
28) bis(2-Chloroethoxy)methane	7.95	93	150652	32.943	ng	98
29) 2,4-Dichlorophenol	8.08	162	108434	35.971	ng	94
30) 1,2,4-Trichlorobenzene	8.15	180	120759	36.364	ng	98
31) Naphthalene	8.24	128	350373	34.889	ng	99
32) Benzoic acid	8.01	122	45470	24.849	ng	99
33) 4-Chloroaniline	8.29	127	56306	13.362	ng	99
34) Hexachlorobutadiene	8.34	225	81355	37.598	ng	97
35) Caprolactam	8.67	113	26624	27.095	ng	90
36) 4-Chloro-3-methylphenol	8.79	107	109355	34.465	ng	95
37) 2-Methylnaphthalene	8.93	142	260539	39.141	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	136122	35.648	ng	# 96
40) Hexachlorocyclopentadiene	9.07	237	33614	17.110	ng	99

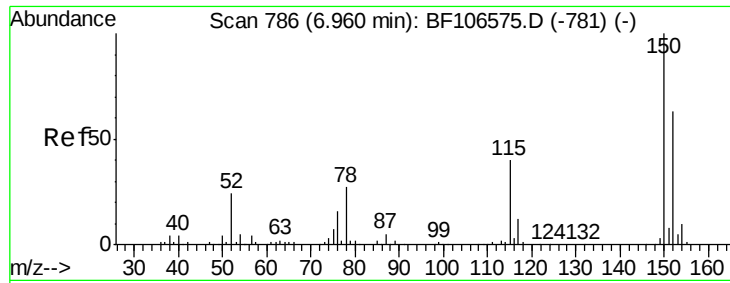
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071218\
 Data File : BF107336.D
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 Operator : JU/SJ
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 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	69692	27.457	ng	96
43) 2,4,5-Trichlorophenol	9.27	196	68061	25.697	ng	89
45) 1,1'-Biphenyl	9.40	154	311346	34.455	ng	98
46) 2-Chloronaphthalene	9.42	162	227294	31.955	ng	95
47) 2-Nitroaniline	9.53	65	70600	29.517	ng	94
48) Acenaphthylene	9.84	152	363377	32.358	ng	99
49) Dimethylphthalate	9.69	163	262647	30.885	ng	98
50) 2,6-Dinitrotoluene	9.77	165	61143	33.954	ng #	81
51) Acenaphthene	10.01	154	222364	31.445	ng	98
52) 3-Nitroaniline	9.94	138	31950	15.418	ng	99
53) 2,4-Dinitrophenol	10.07	184	30513	35.762	ng #	18
54) Dibenzofuran	10.19	168	327895	33.863	ng	95
55) 4-Nitrophenol	10.14	139	21819	15.085	ng	97
56) 2,4-Dinitrotoluene	10.18	165	77182	32.836	ng	93
57) Fluorene	10.53	166	271783	35.371	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.31	232	48739	23.150	ng #	80
59) Diethylphthalate	10.39	149	257313	31.349	ng #	94
60) 4-Chlorophenyl-phenylether	10.51	204	140424	34.928	ng #	88
61) 4-Nitroaniline	10.57	138	53710	26.117	ng	94
62) Azobenzene	10.68	77	252039	31.182	ng	94
64) 4,6-Dinitro-2-methylphenol	10.60	198	37852	26.486	ng	74
65) n-Nitrosodiphenylamine	10.64	169	228953	29.442	ng	99
66) 4-Bromophenyl-phenylether	11.01	248	95368	34.564	ng #	82
67) Hexachlorobenzene	11.08	284	100277	34.724	ng #	86
68) Atrazine	11.17	200	82542	33.389	ng	95
69) Pentachlorophenol	11.29	266	16340	11.340	ng	94
70) Phenanthrene	11.50	178	392046	35.158	ng	99
71) Anthracene	11.55	178	406856	35.746	ng	99
72) Carbazole	11.71	167	336802	31.606	ng	98
73) Di-n-butylphthalate	12.02	149	397658	31.676	ng	99
74) Fluoranthene	12.70	202	409006	33.278	ng	95
76) Benzidine	12.82	184	107215	23.759	ng	97
77) Pyrene	12.93	202	400039	38.287	ng	99
79) Butylbenzylphthalate	13.52	149	143773	33.468	ng #	98
80) Benzo(a)anthracene	14.12	228	329896	34.162	ng	99
81) 3,3'-Dichlorobenzidine	14.08	252	59189	17.439	ng #	97
82) Chrysene	14.16	228	309510	34.838	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	186948	34.039	ng #	96
84) Di-n-octyl phthalate	14.70	149	303840	33.939	ng	96
85) Indeno(1,2,3-cd)pyrene	17.28	276	359684	47.707	ng #	90
87) Benzo(b)fluoranthene	15.22	252	315821	31.350	ng #	97
88) Benzo(k)fluoranthene	15.25	252	295599	30.813	ng #	95
89) Benzo(a)pyrene	15.61	252	305533	34.117	ng #	96
90) Dibenzo(a,h)anthracene	17.28	278	298181	39.287	ng #	93
91) Benzo(g,h,i)perylene	17.75	276	310846	41.902	ng #	89

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

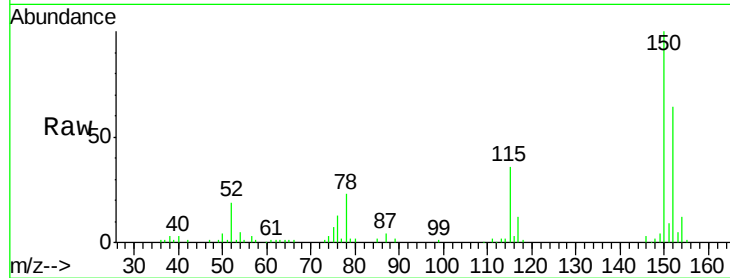


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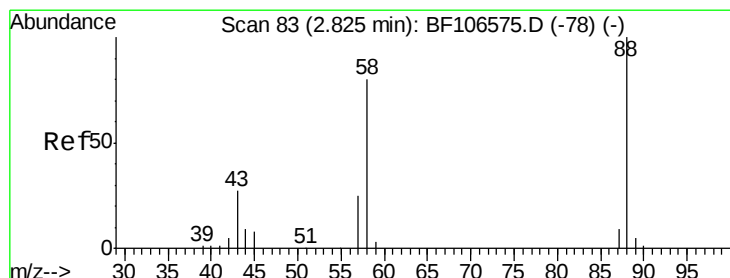
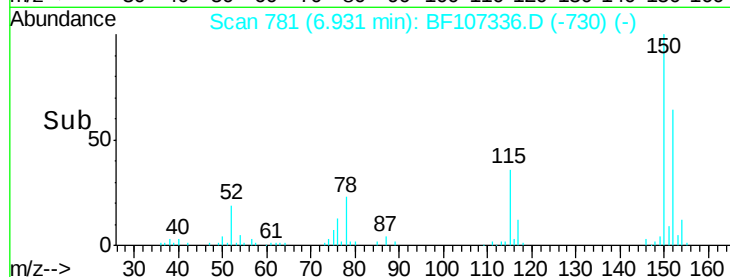
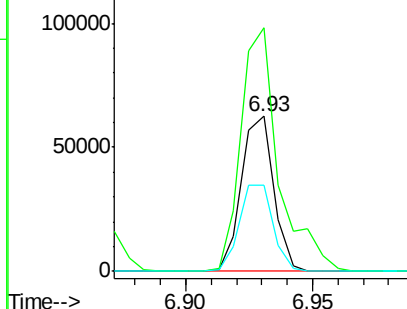
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Instrument :
BNA_F
ClientSampleId :
PB110949BS

Tgt Ion:152 Resp: 55558
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 56.0 50.1 75.1



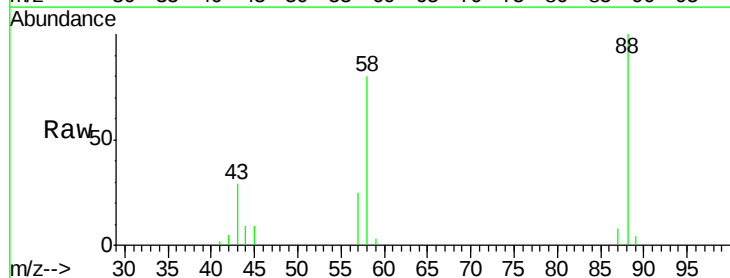
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



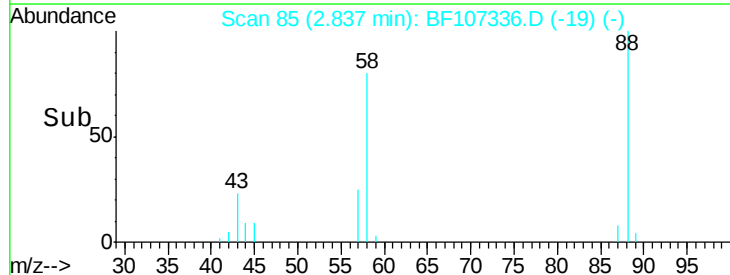
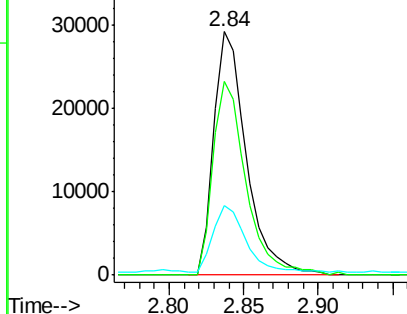
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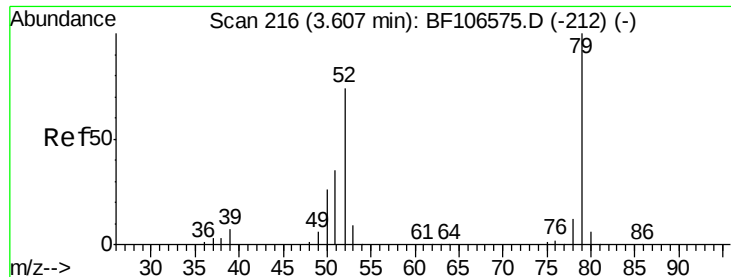
1,4-Dioxane
Concen: 26.497 ng
RT: 2.84 min Scan# 85
Delta R.T. 0.09 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Tgt Ion: 88 Resp: 44695
Ion Ratio Lower Upper
88 100
58 80.6 62.6 93.8
43 27.4 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 28.301 ng

RT: 3.62 min Scan# 218

Delta R.T. 0.08 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB110949BS

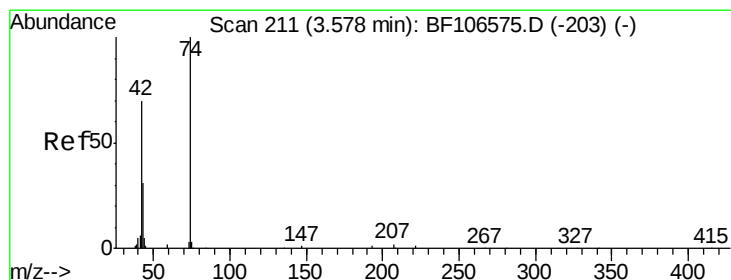
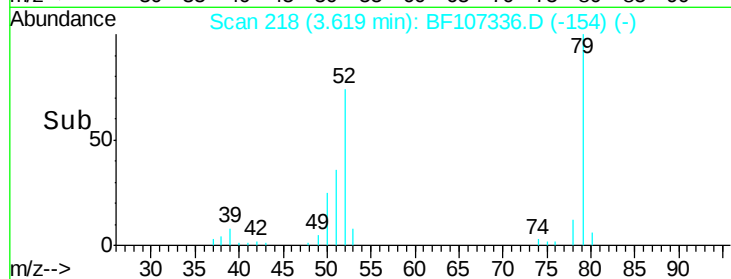
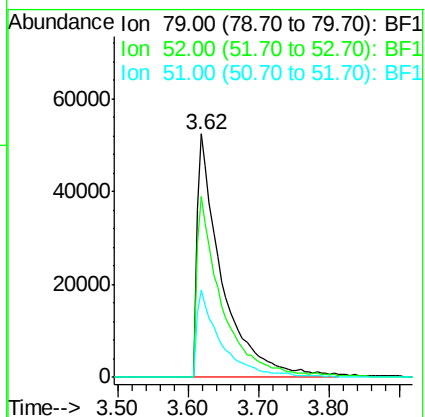
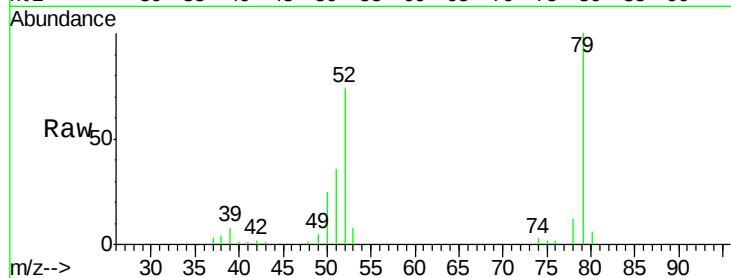
Tgt Ion: 79 Resp: 129467

Ion Ratio Lower Upper

79 100

52 74.3 59.8 89.6

51 35.9 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 26.495 ng

RT: 3.58 min Scan# 211

Delta R.T. 0.06 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

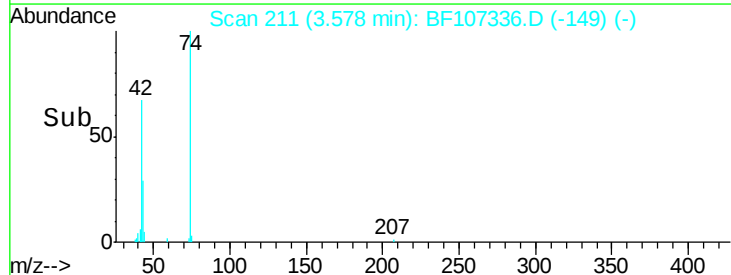
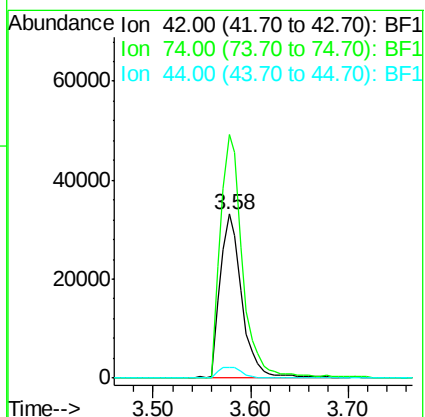
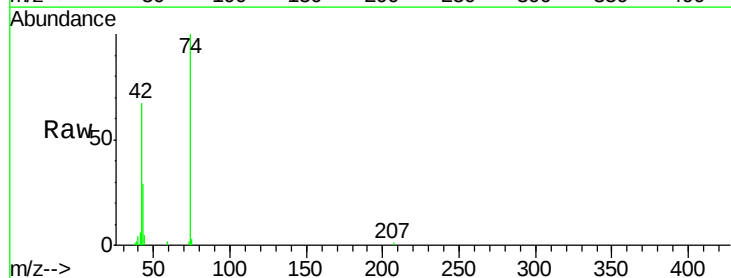
Tgt Ion: 42 Resp: 51480

Ion Ratio Lower Upper

42 100

74 148.7 104.9 157.3

44 6.9 6.9 10.3

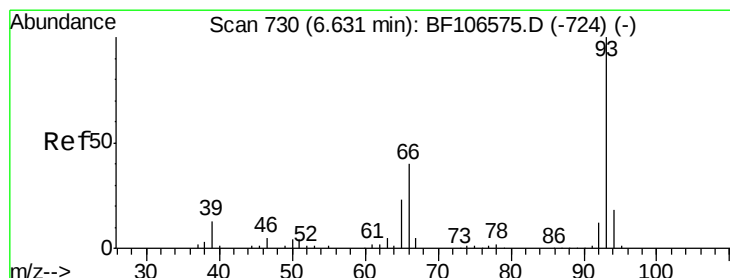
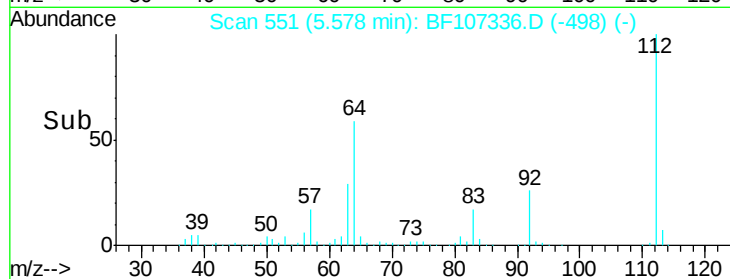
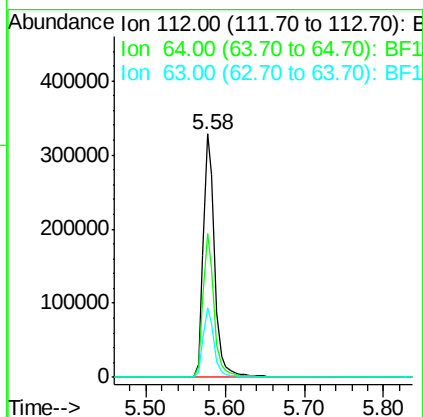
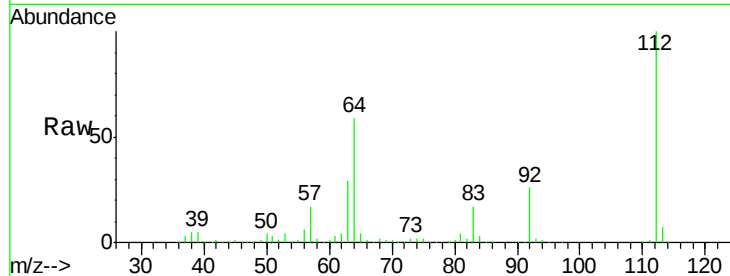




#5
 2-Fluorophenol
 Concen: 102.797 ng
 RT: 5.58 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

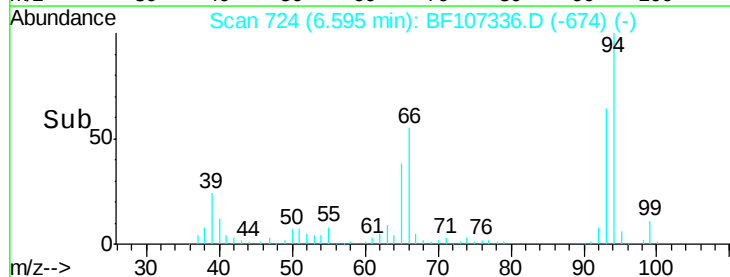
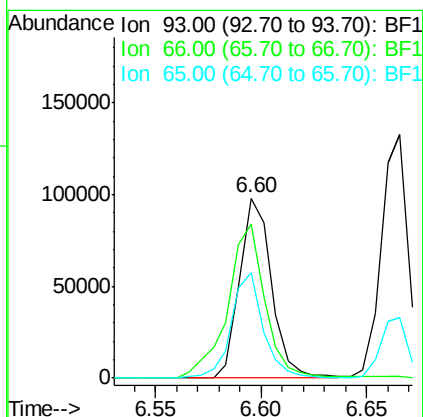
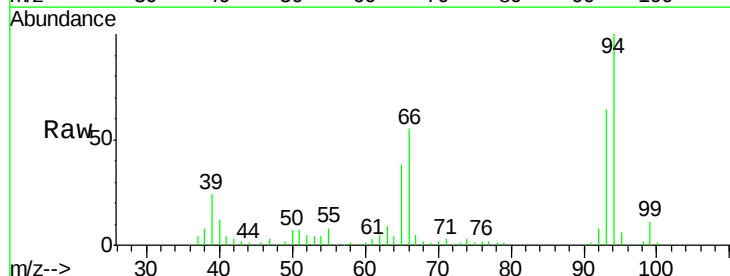
Instrument :
 BNA_F
 ClientSampleId :
 PB110949BS

Tgt Ion: 112 Resp: 337279
 Ion Ratio Lower Upper
 112 100
 64 59.3 47.9 71.9
 63 28.7 23.7 35.5



#6
 Aniline
 Concen: 18.464 ng
 RT: 6.60 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Tgt Ion: 93 Resp: 102621
 Ion Ratio Lower Upper
 93 100
 66 85.7 32.2 48.2#
 65 58.9 16.4 24.6#





#7

Phenol-d6

Concen: 100.440 ng

RT: 6.58 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB110949BS

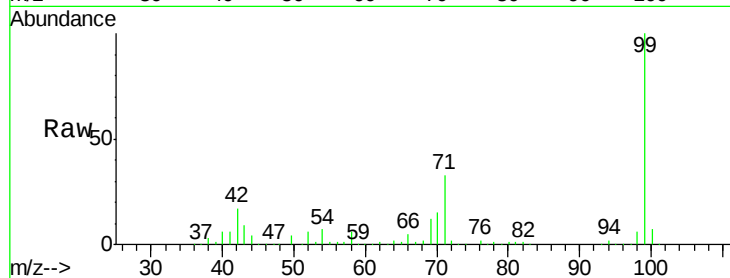
Tgt Ion: 99 Resp: 411536

Ion Ratio Lower Upper

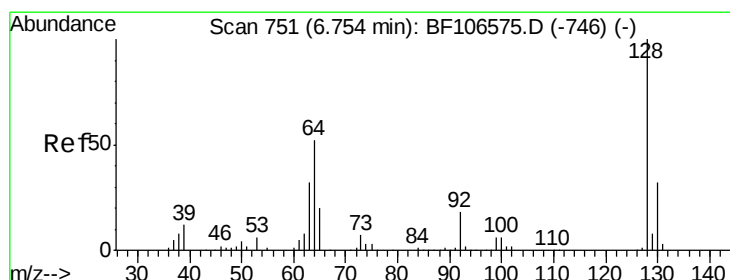
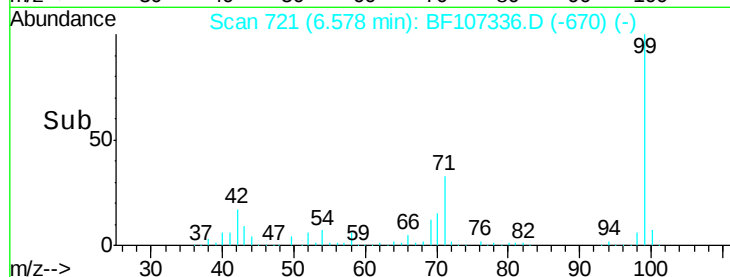
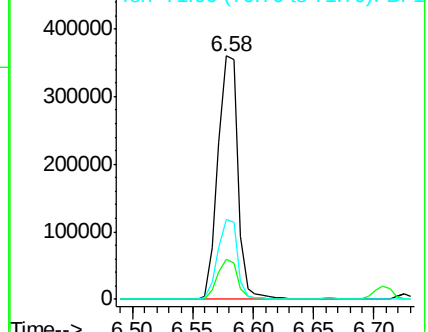
99 100

42 16.5 14.5 21.7

71 32.9 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: 32.896 ng

RT: 6.72 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

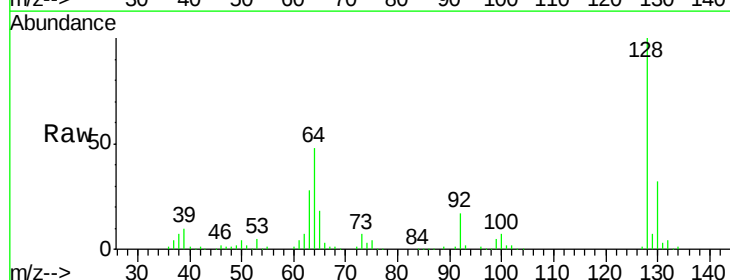
Tgt Ion: 128 Resp: 118381

Ion Ratio Lower Upper

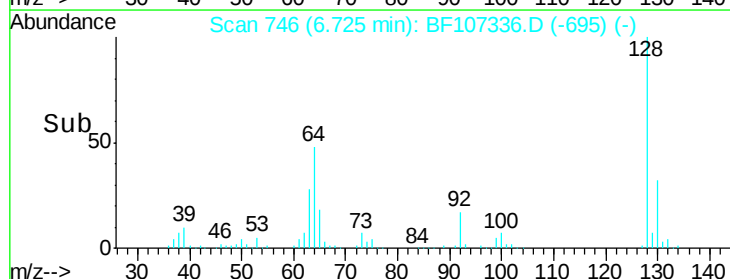
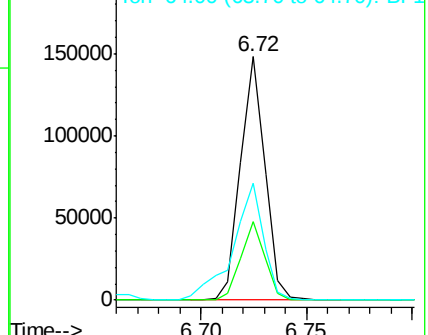
128 100

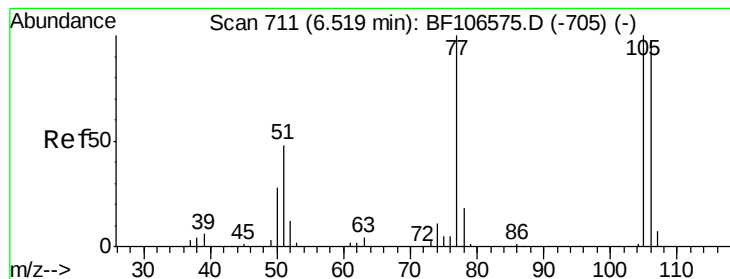
130 32.3 13.0 53.0

64 48.1 29.4 69.4



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





#9

Benzaldehyde

Concen: 15.045 ng

RT: 6.49 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB110949BS

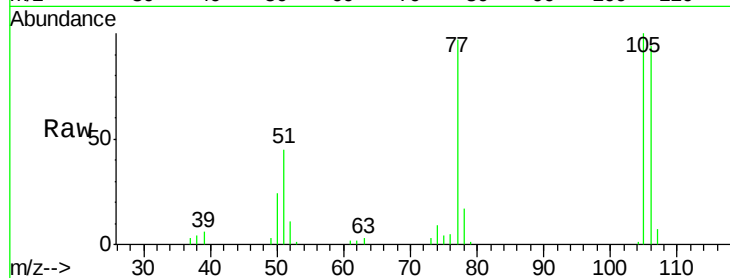
Tgt Ion: 77 Resp: 49589

Ion Ratio Lower Upper

77 100

105 102.9 81.1 121.1

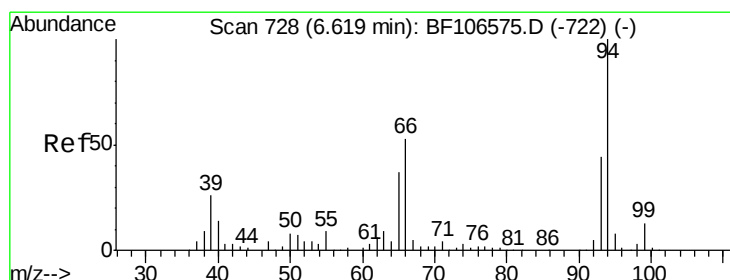
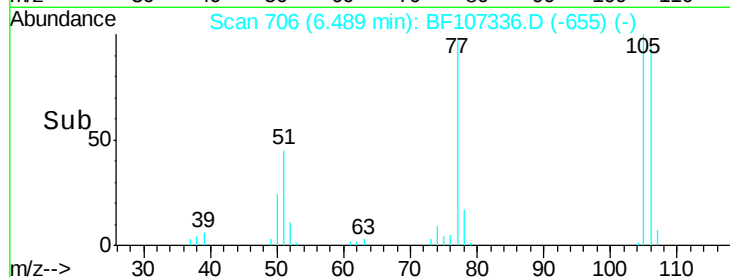
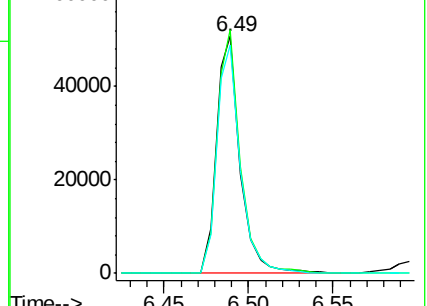
106 96.4 74.5 114.5



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: 31.328 ng

RT: 6.60 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

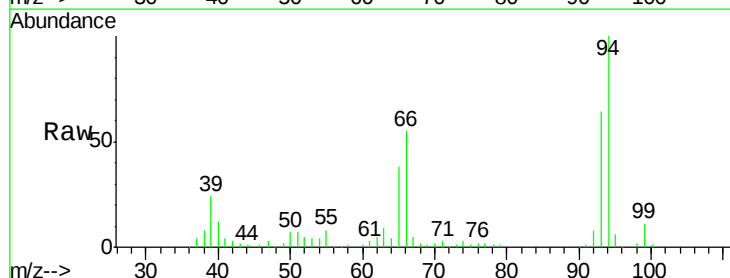
Tgt Ion: 94 Resp: 146491

Ion Ratio Lower Upper

94 100

65 37.7 7.9 47.9

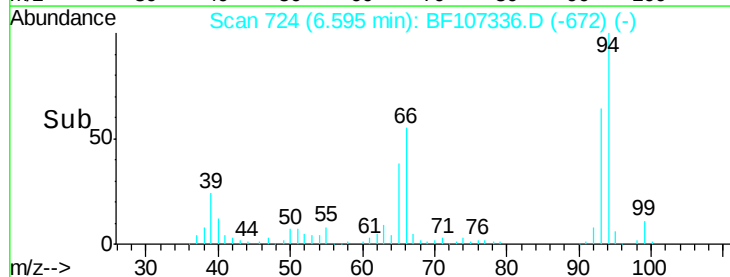
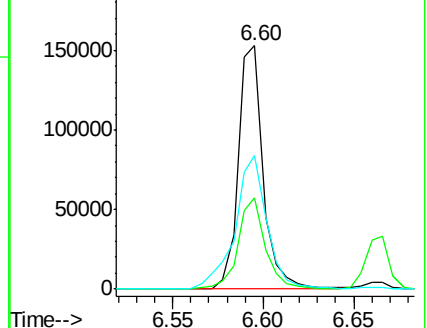
66 55.0 16.2 56.2



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



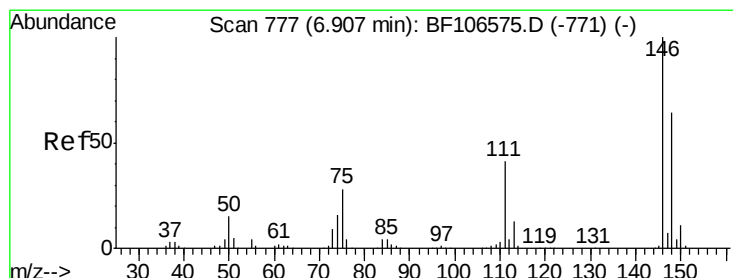
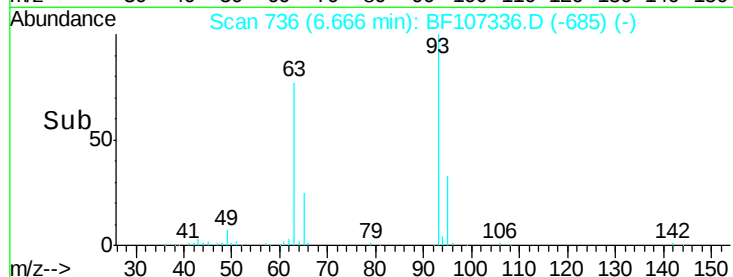
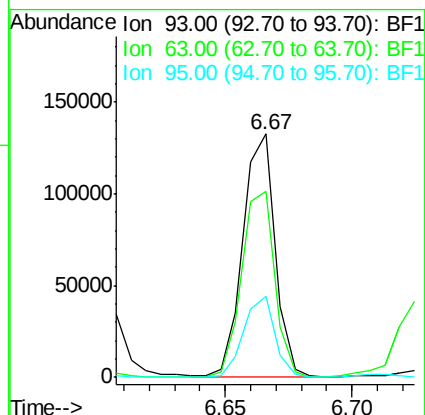
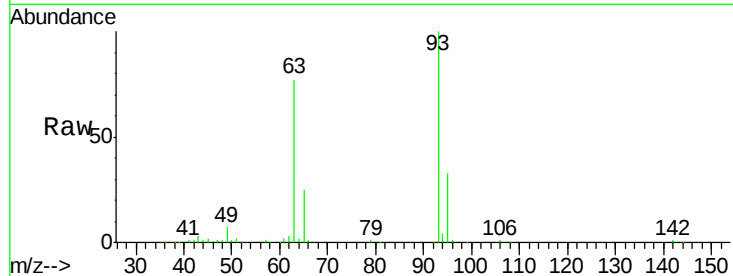


#11
bis(2-Chloroethyl)ether
Concen: 30.355 ng
RT: 6.67 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Instrument :
BNA_F
ClientSampleId :
PB110949BS

Tgt Ion: 93 Resp: 117179

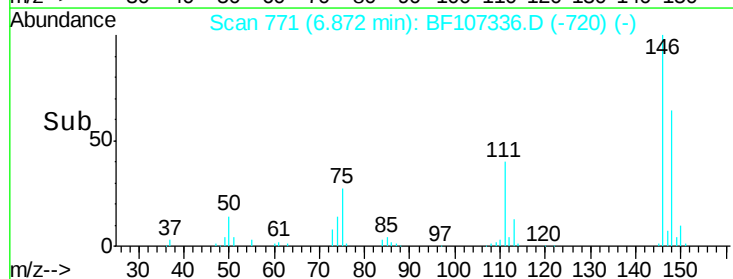
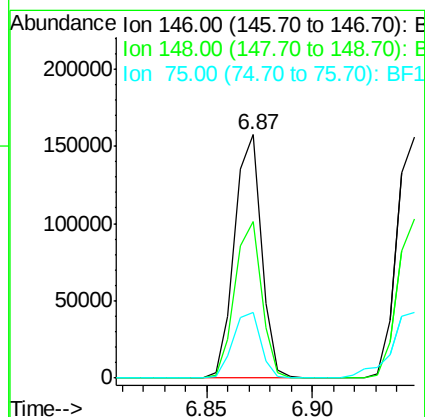
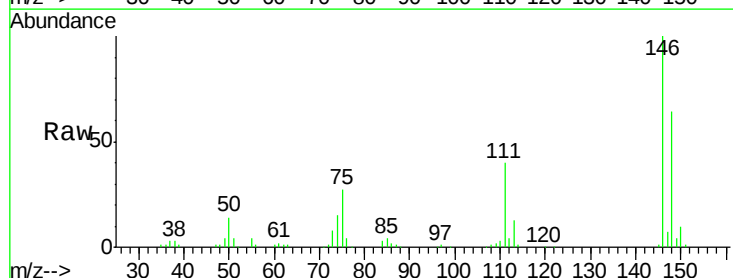
Ion	Ratio	Lower	Upper
93	100		
63	76.6	58.6	98.6
95	33.3	11.8	51.8

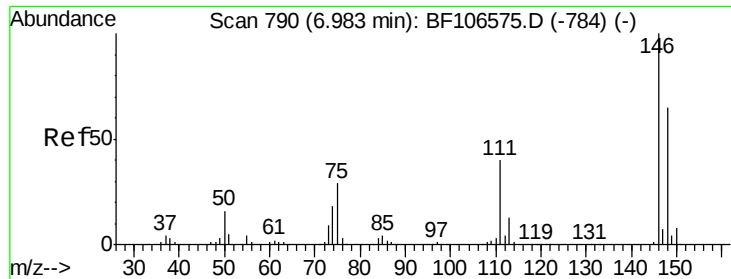


#12
1,3-Dichlorobenzene
Concen: 32.835 ng
RT: 6.87 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Tgt Ion: 146 Resp: 138395

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
75	26.7	24.2	36.4

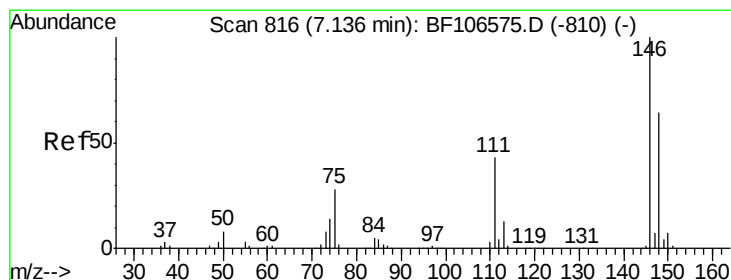
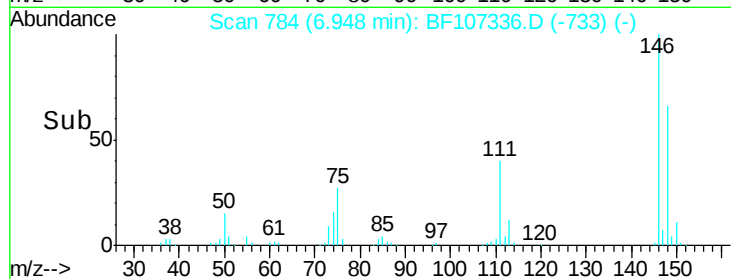
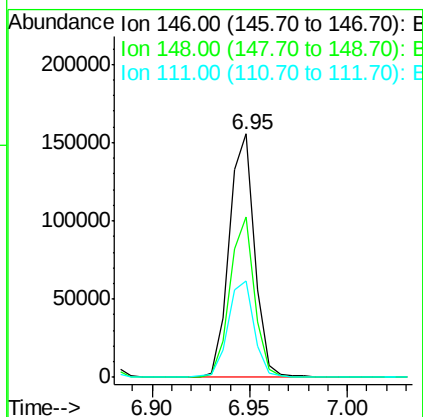
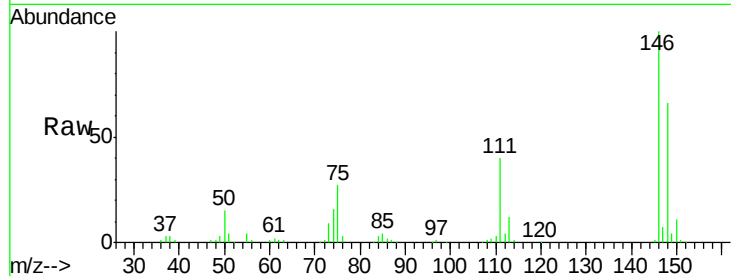




#13
 1,4-Dichlorobenzene
 Concen: 32.833 ng
 RT: 6.95 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

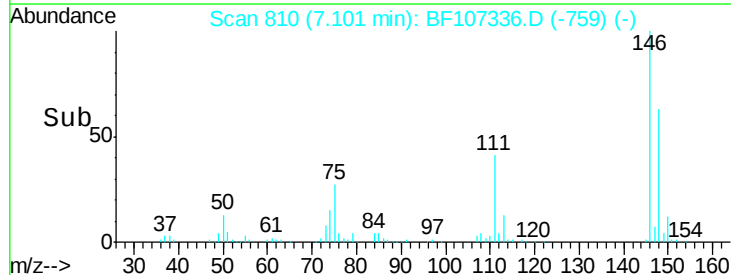
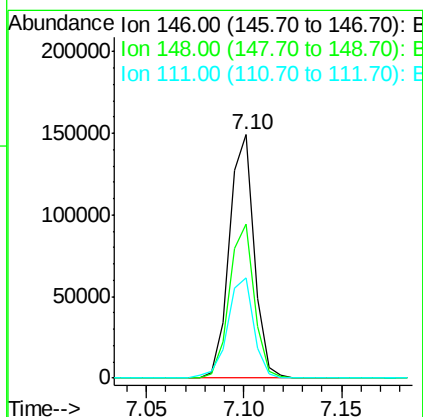
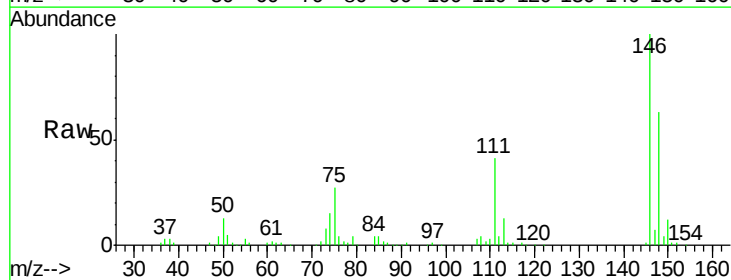
Instrument :
 BNA_F
 ClientSampleId :
 PB110949BS

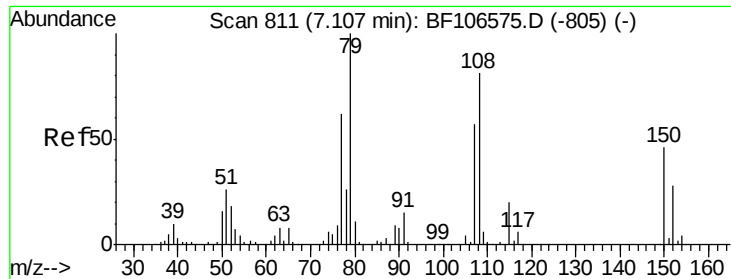
Tgt Ion:146 Resp: 139910
 Ion Ratio Lower Upper
 146 100
 148 66.1 50.8 76.2
 111 39.7 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 33.646 ng
 RT: 7.10 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Tgt Ion:146 Resp: 131396
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 75.8
 111 41.1 36.0 54.0

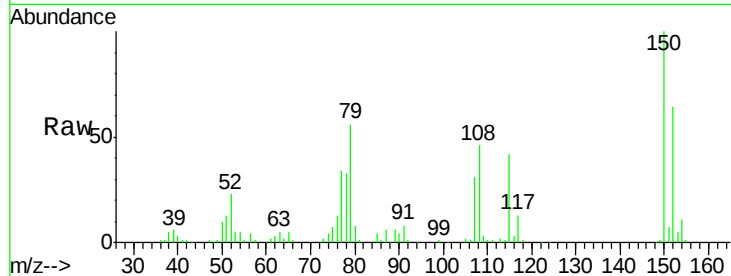




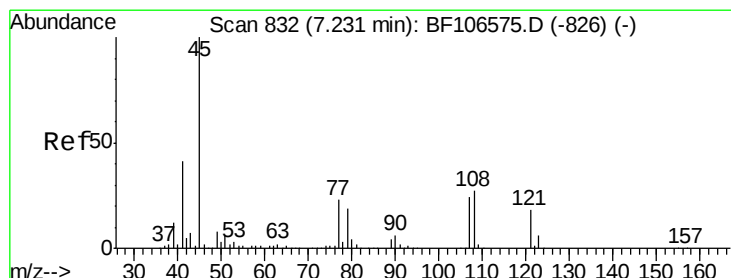
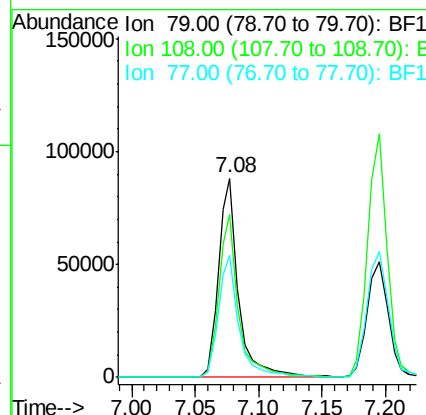
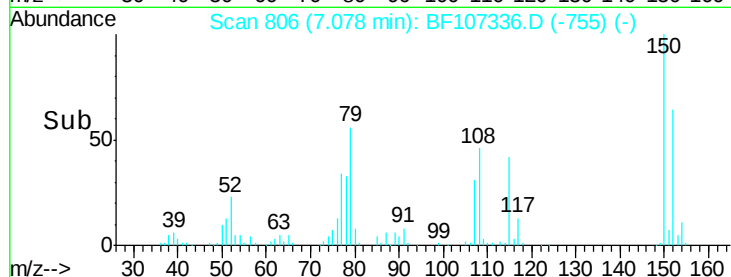
#15
Benzyl Alcohol
Concen: 29.970 ng
RT: 7.08 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Instrument :
BNA_F
ClientSampleId :
PB110949BS

Tgt Ion: 79 Resp: 98602
Ion Ratio Lower Upper
79 100
108 81.8 65.1 97.7
77 61.1 50.6 75.8

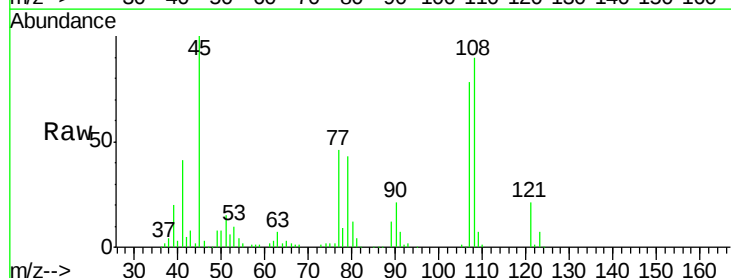


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

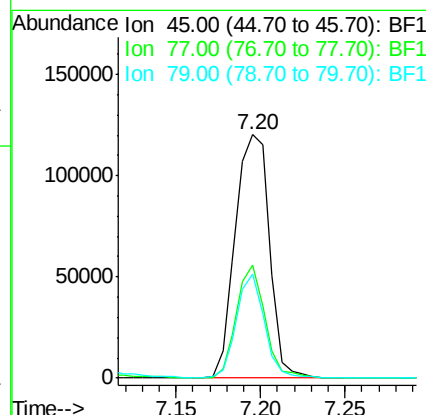
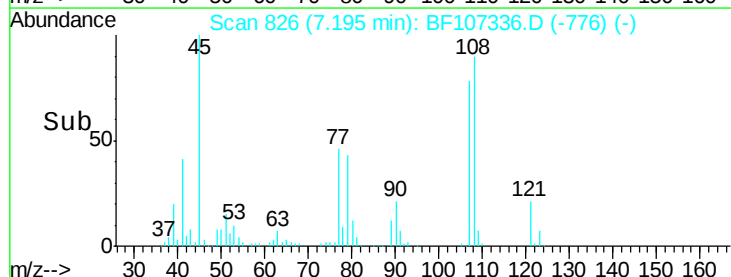


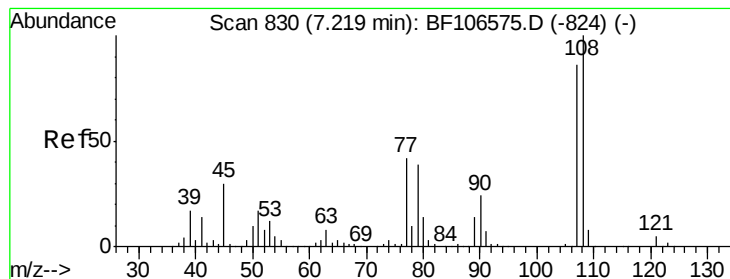
#16
2,2'-oxybis(1-chloropropane)
Concen: 33.520 ng
RT: 7.20 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Tgt Ion: 45 Resp: 169773
Ion Ratio Lower Upper
45 100
77 46.5 0.0 32.9#
79 42.7 0.0 29.6#



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 32.556 ng

RT: 7.20 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB110949BS

Tgt Ion:107 Resp: 100261

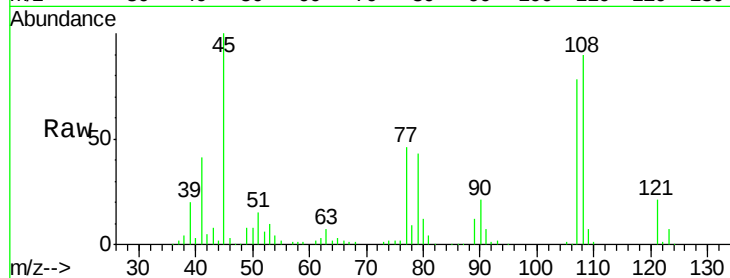
Ion Ratio Lower Upper

107 100

108 114.5 91.7 137.5

77 59.3 33.8 50.8#

79 54.5 33.8 50.8#



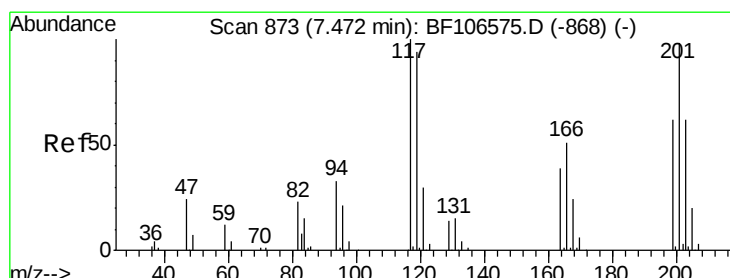
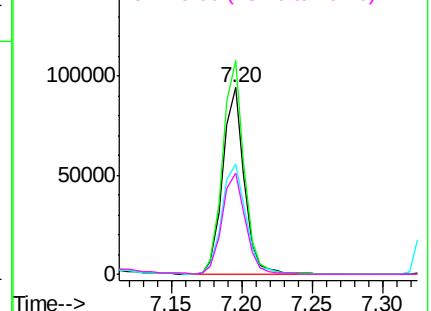
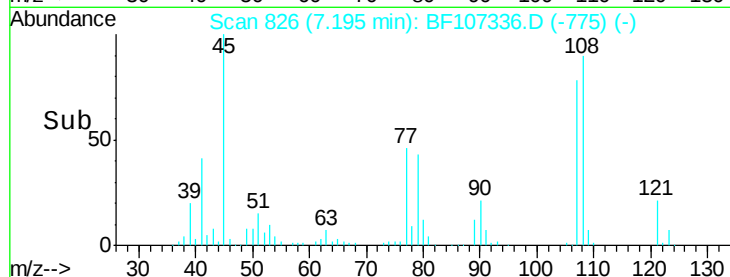
Abundance

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: 32.445 ng

RT: 7.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

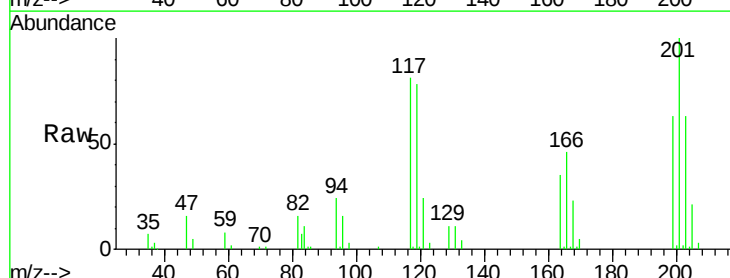
Tgt Ion:117 Resp: 48619

Ion Ratio Lower Upper

117 100

119 95.8 75.8 113.8

201 123.0 75.7 113.5#

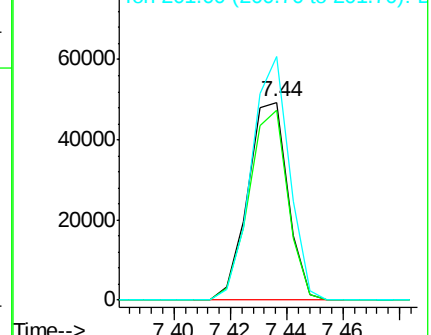
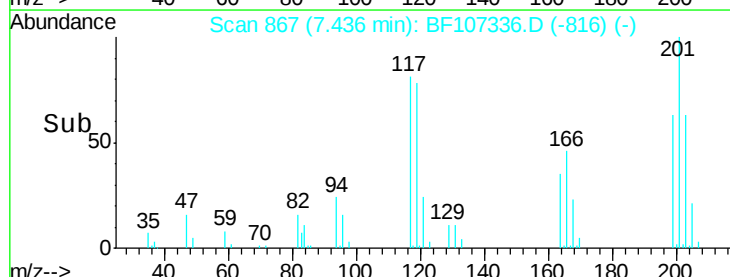


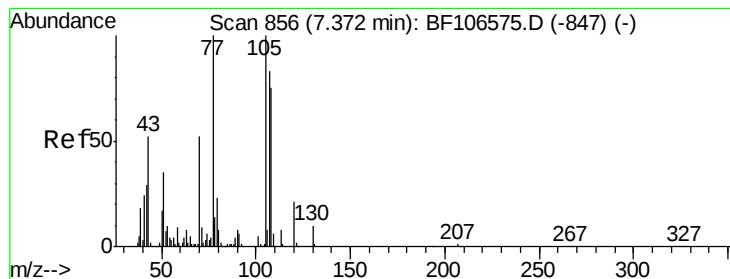
Abundance

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: 31.274 ng

RT: 7.34 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB110949BS

Tgt Ion: 70 Resp: 84467

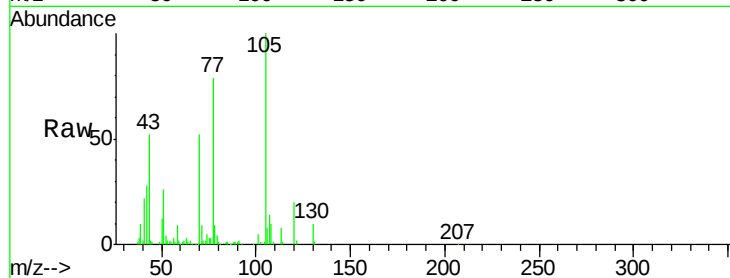
Ion Ratio Lower Upper

70 100

42 54.8 47.5 71.3

101 10.2 7.4 11.2

130 19.0 16.6 25.0



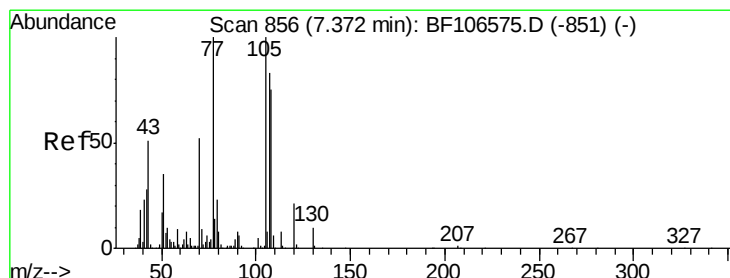
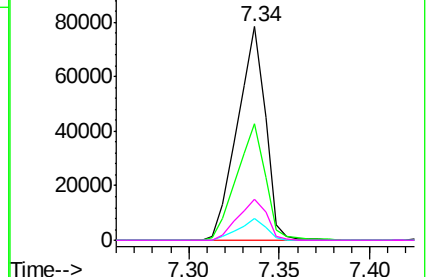
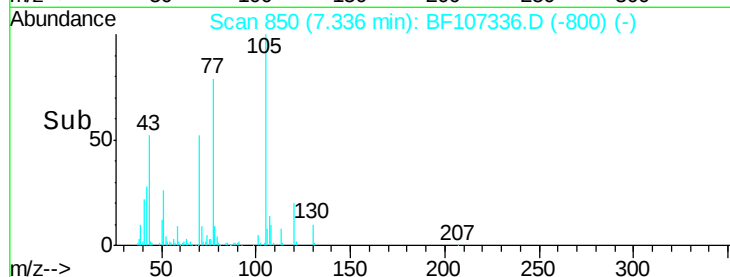
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

Time-->



#20

3+4-Methylphenols

Concen: 38.802 ng

RT: 7.35 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Tgt Ion: 107 Resp: 134056

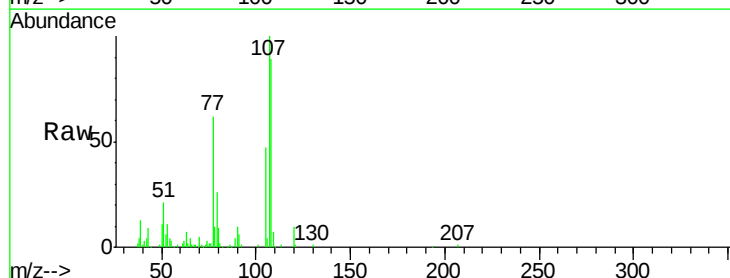
Ion Ratio Lower Upper

107 100

108 89.4 68.2 108.2

77 61.7 26.7 66.7

79 25.8 6.3 46.3



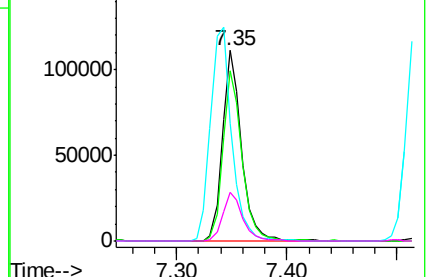
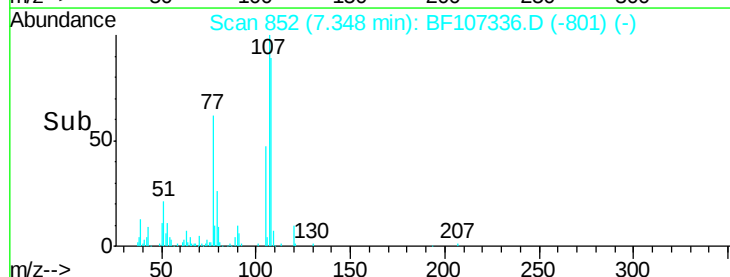
Abundance Ion 107.00 (106.70 to 107.70): BF1

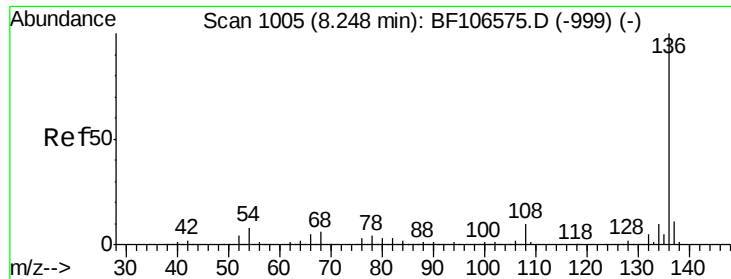
Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->

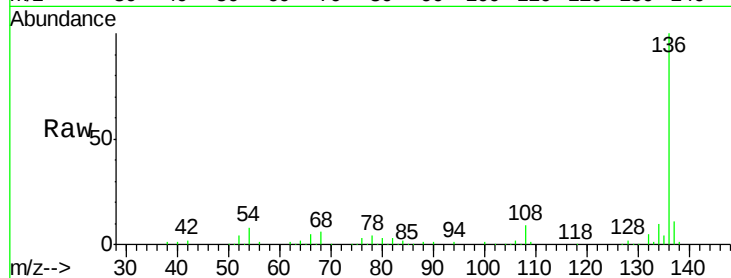




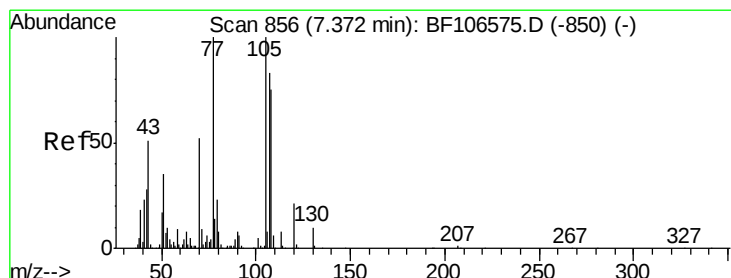
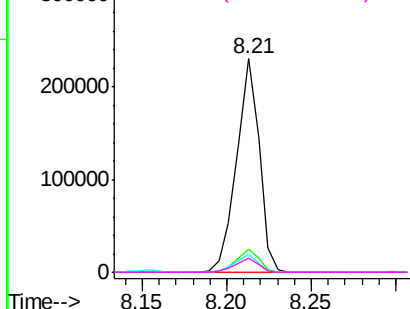
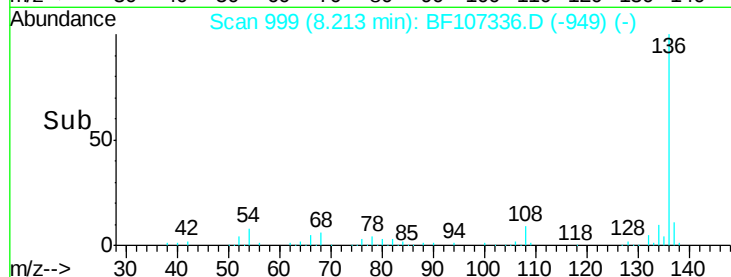
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Instrument :
BNA_F
ClientSampleId :
PB110949BS

Tgt Ion:	136	Resp:	214801
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.2	6.6	9.8
68	6.5	5.0	7.4

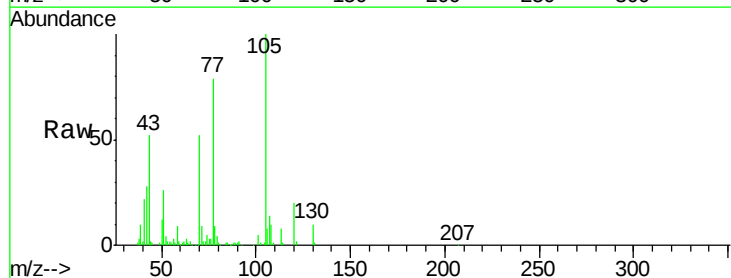


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

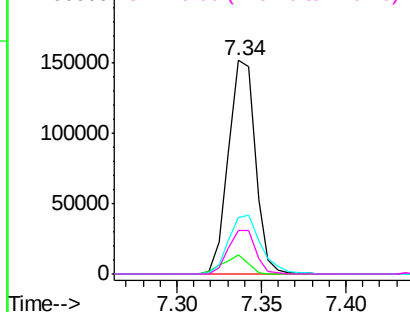
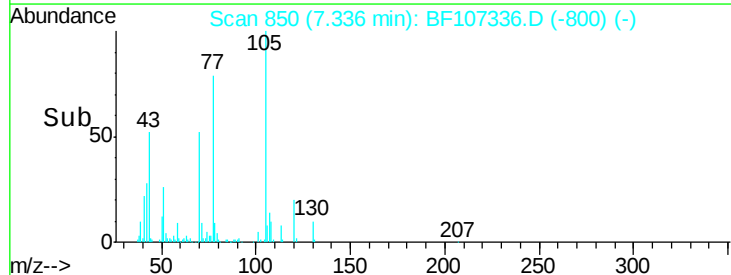


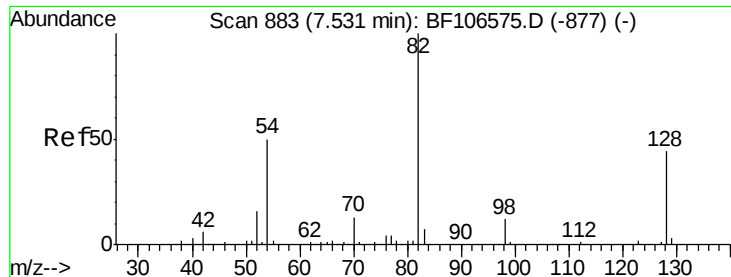
#22
Acetophenone
Concen: 35.107 ng
RT: 7.34 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Tgt Ion:	105	Resp:	168713
Ion	Ratio	Lower	Upper
105	100		
71	8.9	4.4	6.6#
51	26.4	22.3	33.5
120	20.2	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

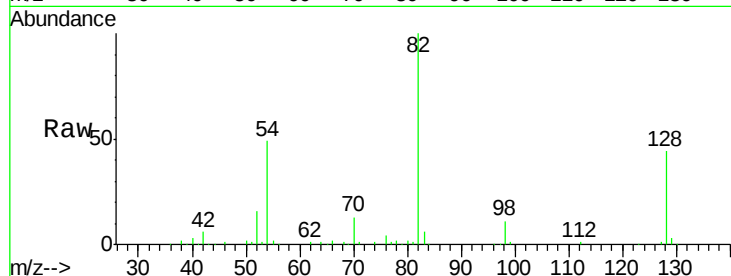




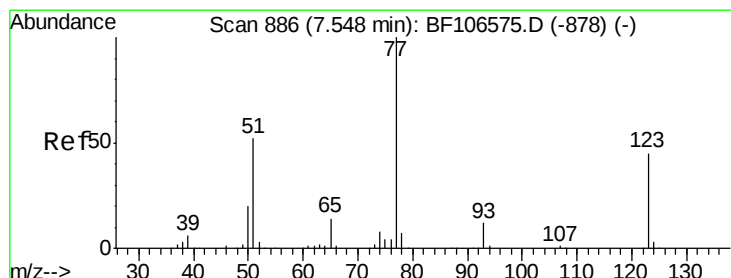
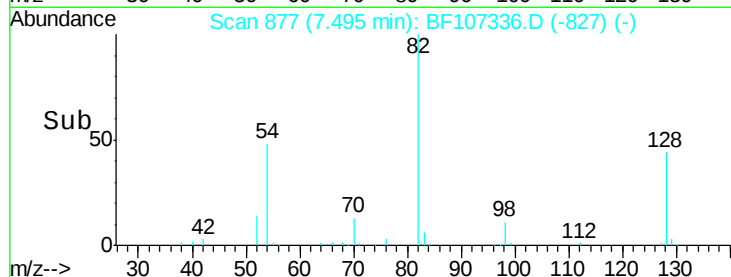
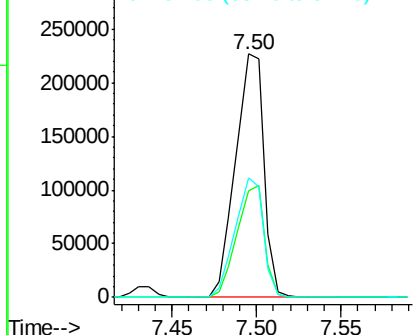
#23
 Nitrobenzene-d5
 Concen: 68.844 ng
 RT: 7.50 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB110949BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	48.8	41.4	62.2

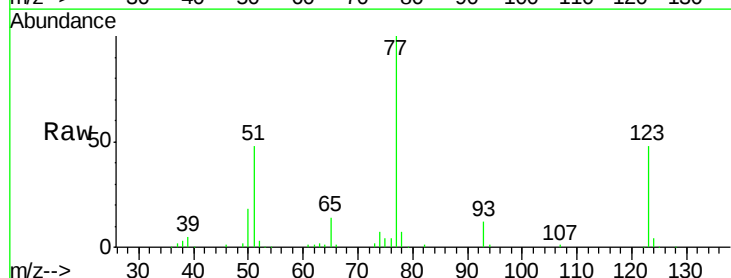


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

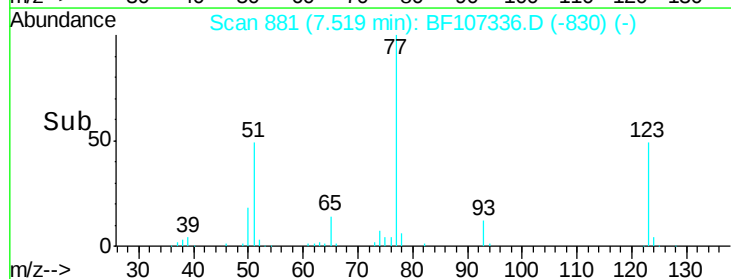
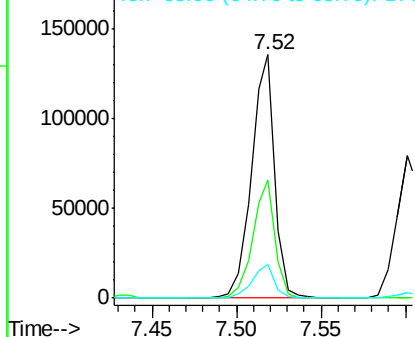


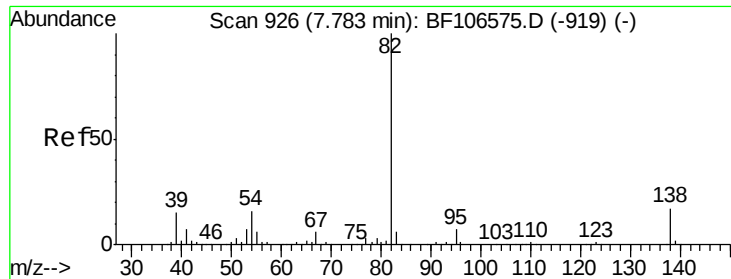
#24
 Nitrobenzene
 Concen: 32.766 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.5	37.9	56.9
65	13.7	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: 34.711 ng

RT: 7.75 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB110949BS

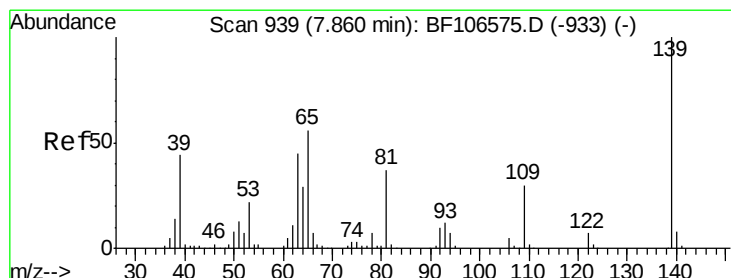
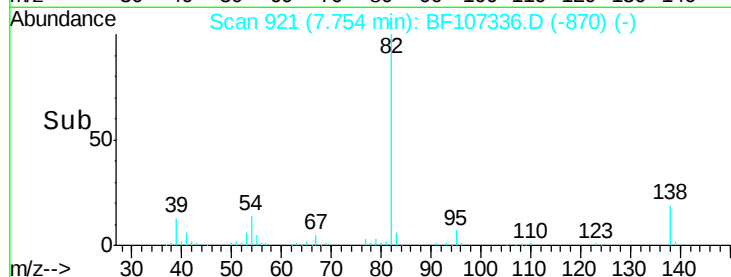
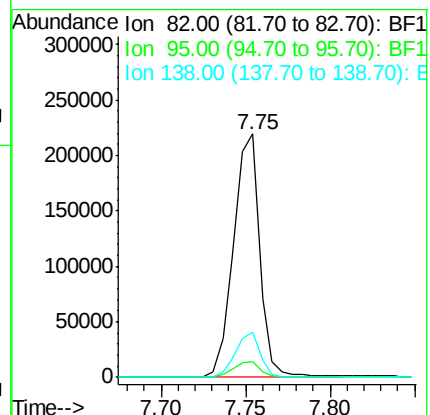
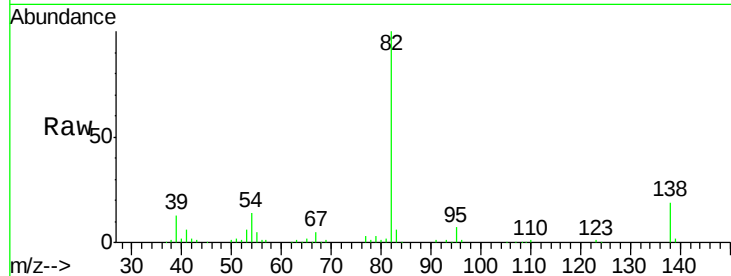
Tgt Ion: 82 Resp: 236416

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 18.6 14.9 22.3



#26

2-Nitrophenol

Concen: 35.514 ng

RT: 7.83 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

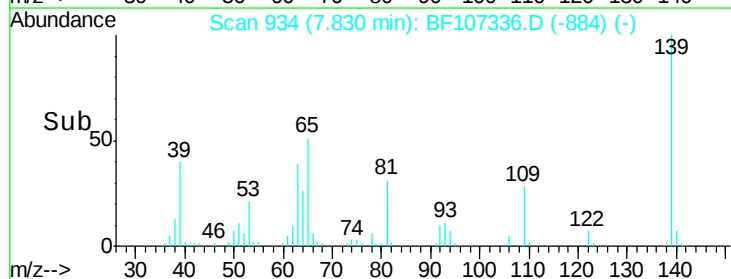
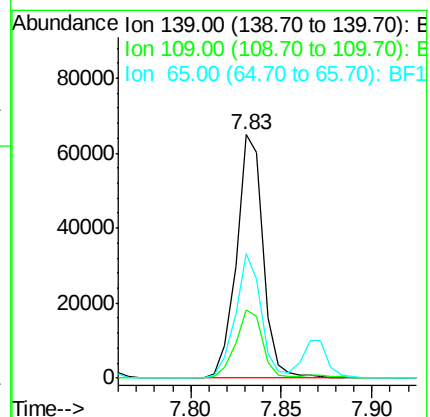
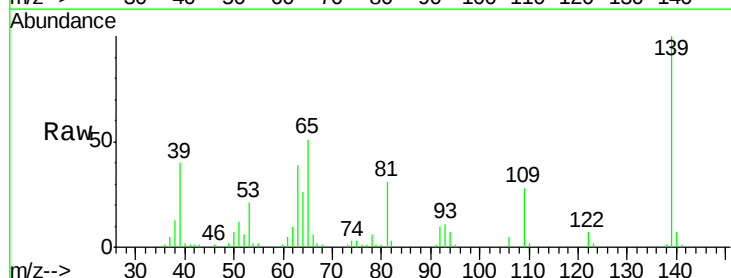
Tgt Ion: 139 Resp: 66158

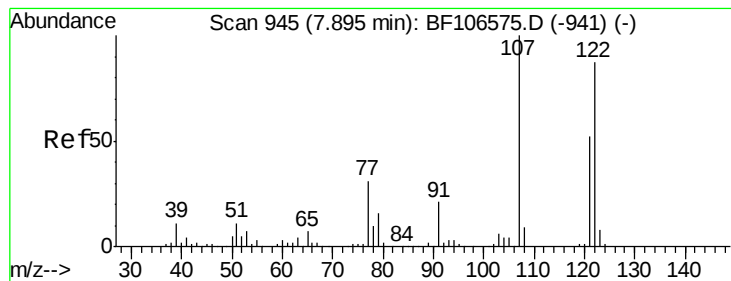
Ion Ratio Lower Upper

139 100

109 28.1 22.7 34.1

65 51.0 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.161 ng

RT: 7.87 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB110949BS

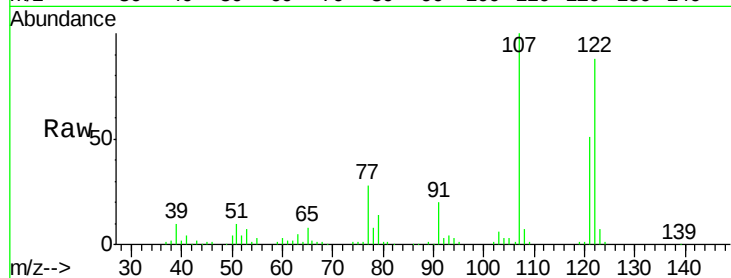
Tgt Ion:122 Resp: 109880

Ion Ratio Lower Upper

122 100

107 113.9 91.2 136.8

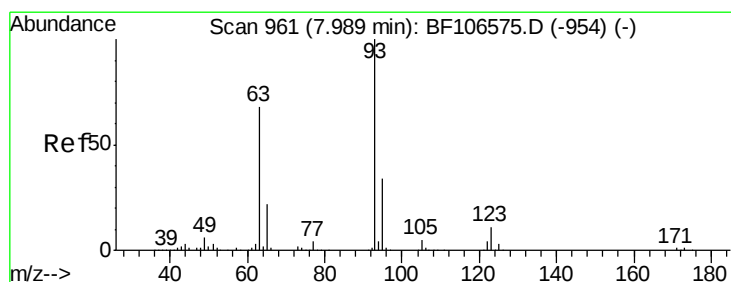
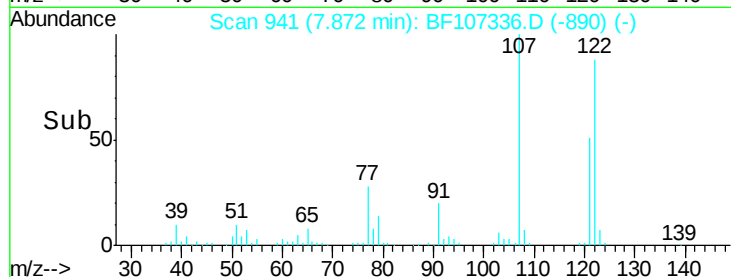
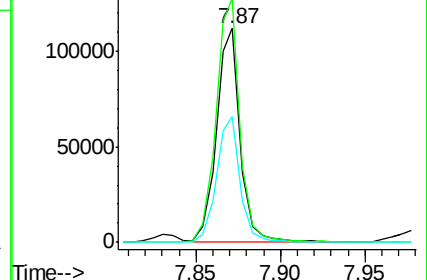
121 58.6 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 32.943 ng

RT: 7.95 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

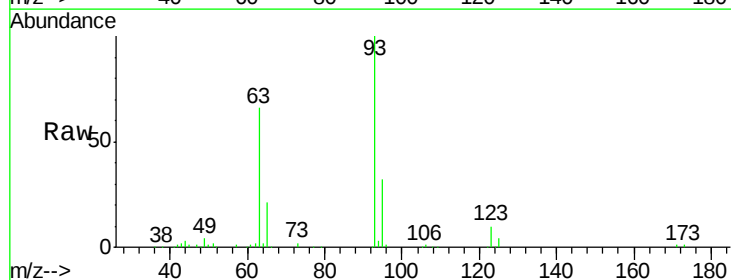
Tgt Ion: 93 Resp: 150652

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

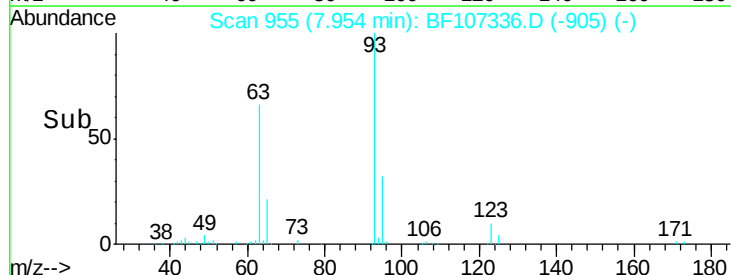
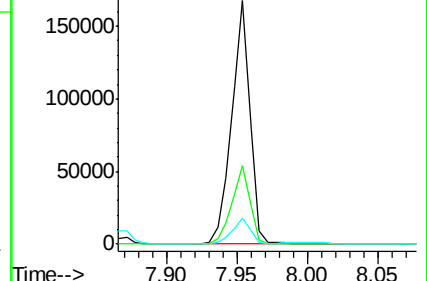
123 10.4 9.8 14.6

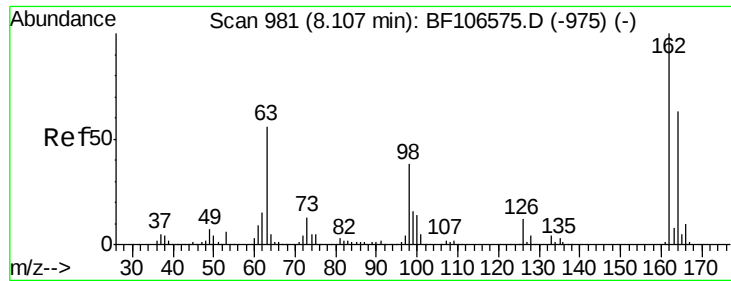


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

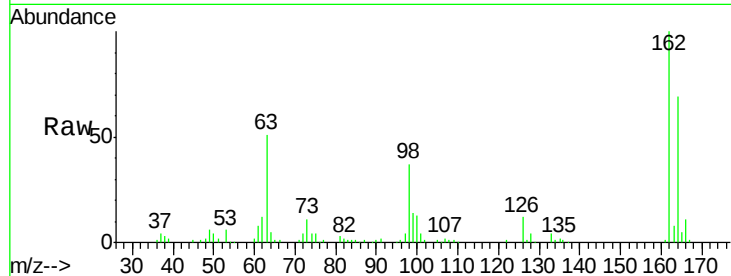




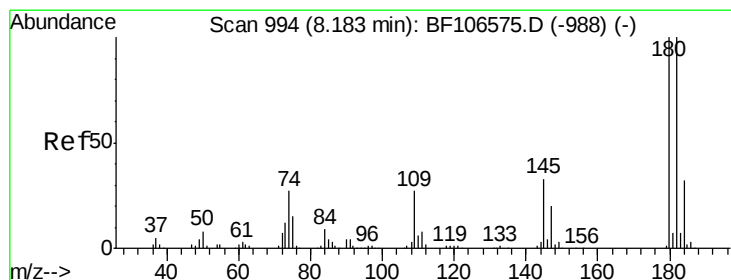
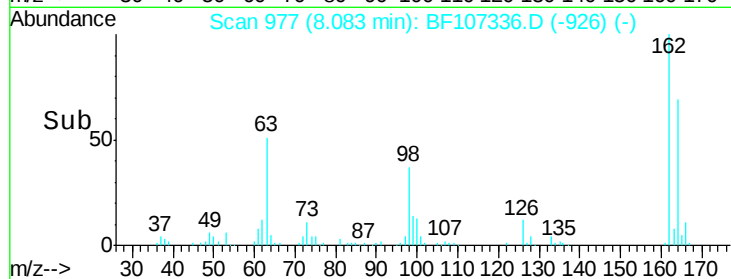
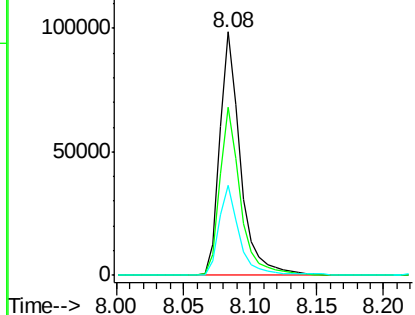
#29
2,4-Dichlorophenol
Concen: 35.971 ng
RT: 8.08 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Instrument :
BNA_F
ClientSampleId :
PB110949BS

Tgt Ion:162 Resp: 108434
Ion Ratio Lower Upper
162 100
164 69.2 42.7 82.7
98 36.9 18.1 58.1

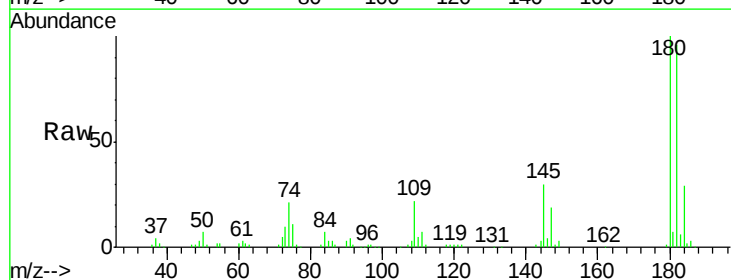


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

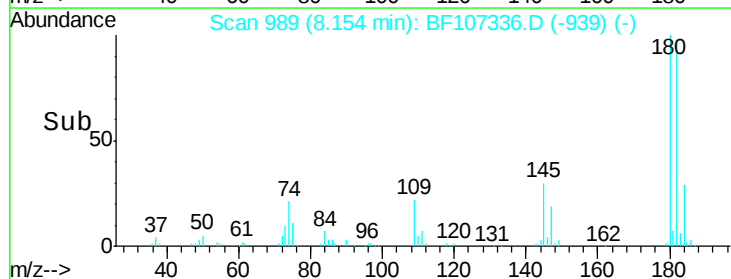
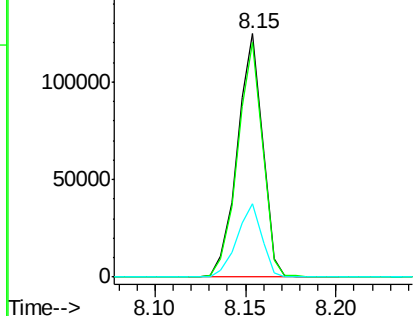


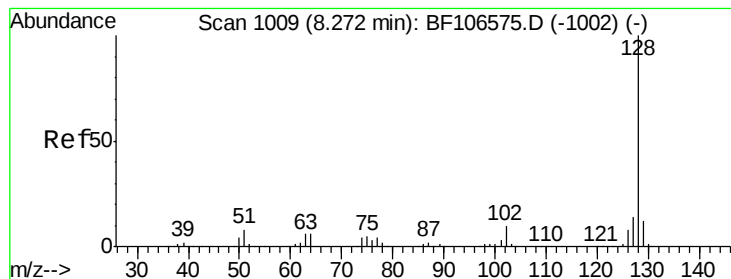
#30
1,2,4-Trichlorobenzene
Concen: 36.364 ng
RT: 8.15 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Tgt Ion:180 Resp: 120759
Ion Ratio Lower Upper
180 100
182 96.1 76.8 115.2
145 30.0 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: 34.889 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB110949BS

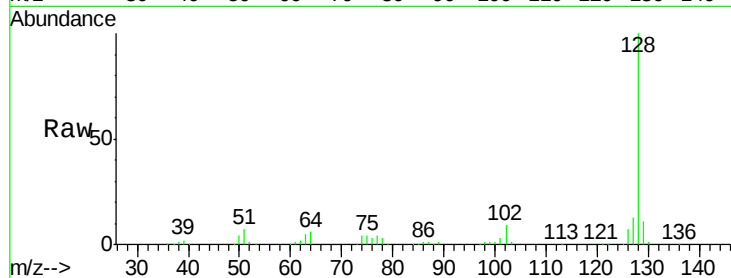
Tgt Ion:128 Resp: 350373

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

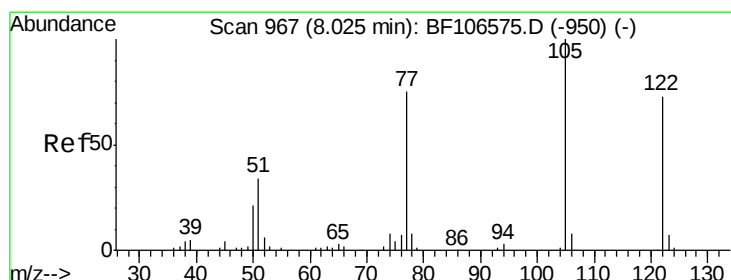
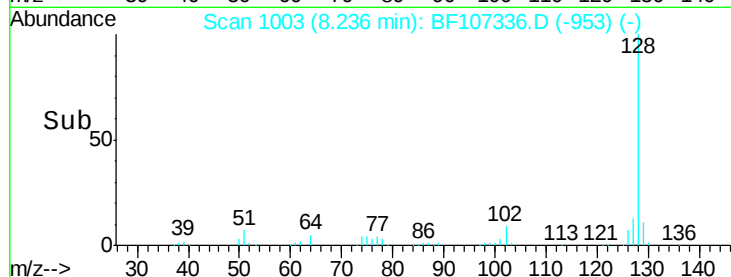
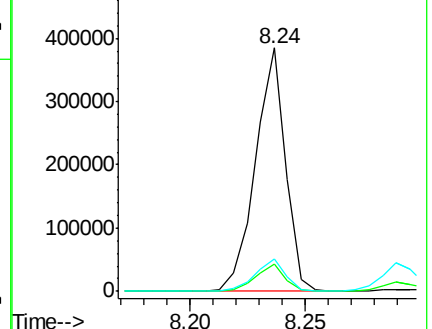
127 13.1 10.9 16.3



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: 24.849 ng

RT: 8.01 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

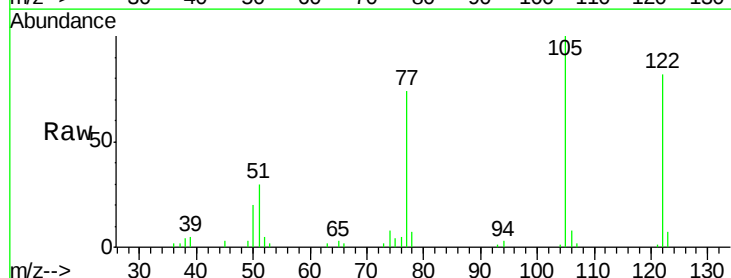
Tgt Ion:122 Resp: 45470

Ion Ratio Lower Upper

122 100

105 122.1 101.1 141.1

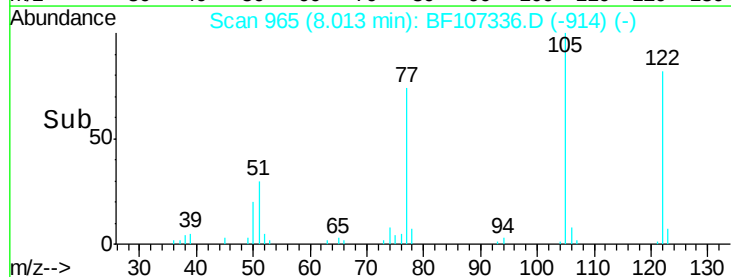
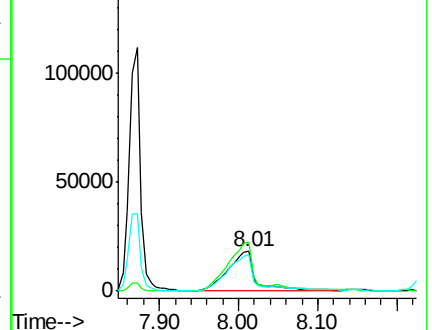
77 90.3 70.7 110.7

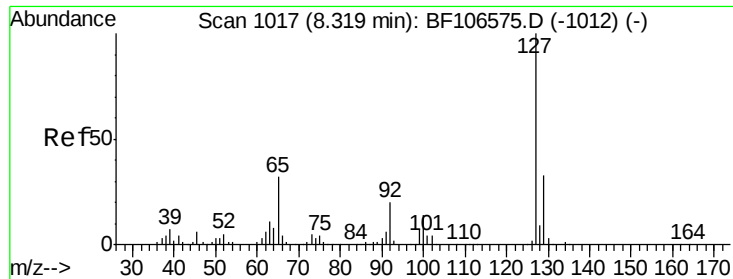


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

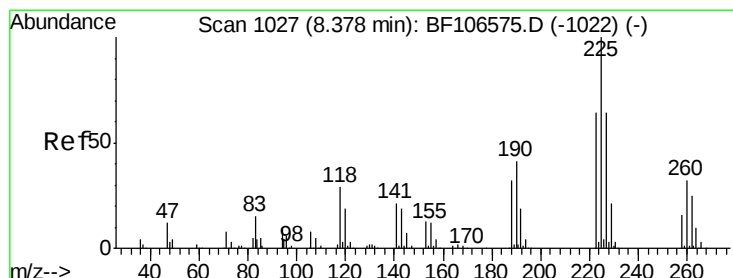
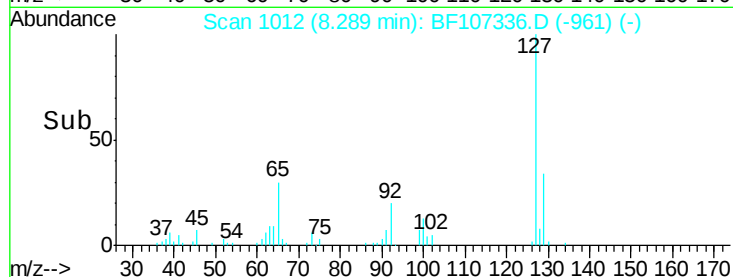
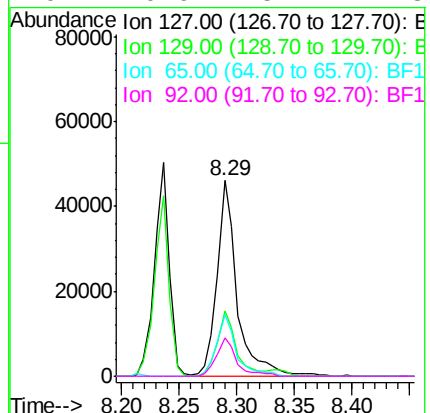
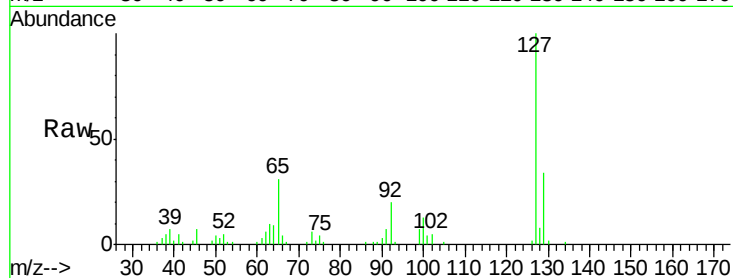




#33
4-Chloroaniline
Concen: 13.362 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

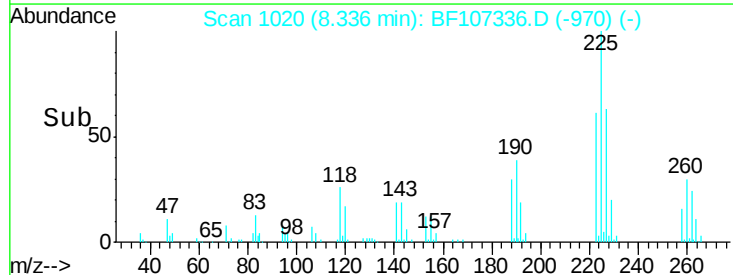
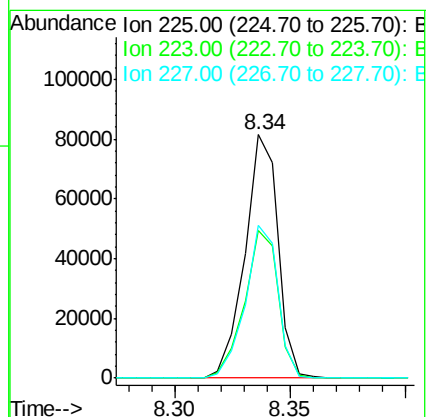
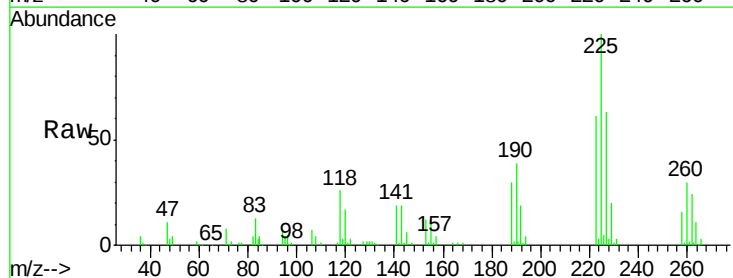
Instrument :
BNA_F
ClientSampleId :
PB110949BS

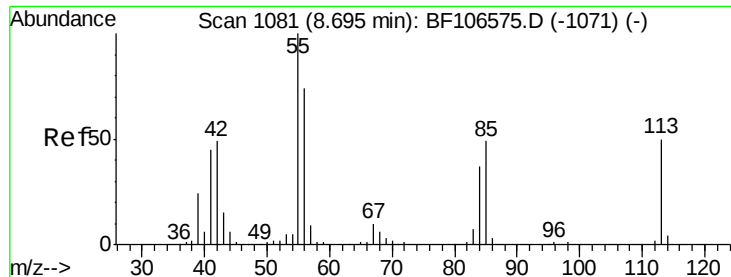
Tgt Ion:	127	Resp:	56306
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.9	38.9
65	31.5	25.0	37.4
92	19.9	15.2	22.8



#34
Hexachlorobutadiene
Concen: 37.598 ng
RT: 8.34 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Tgt Ion:	225	Resp:	81355
Ion	Ratio	Lower	Upper
225	100		
223	60.7	50.6	76.0
227	62.8	51.9	77.9

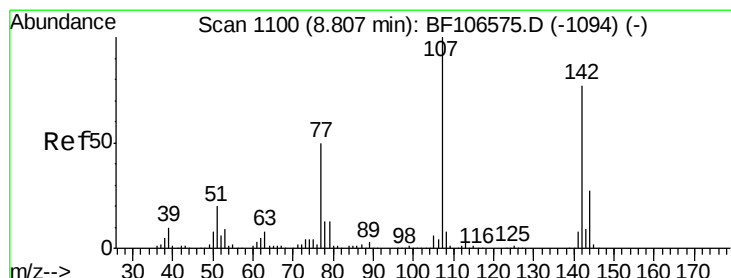
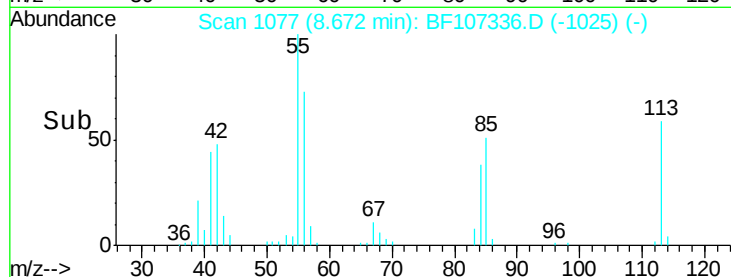
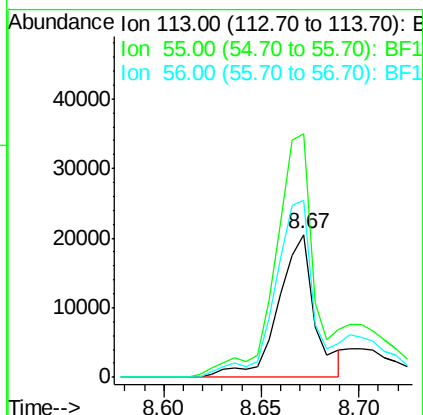
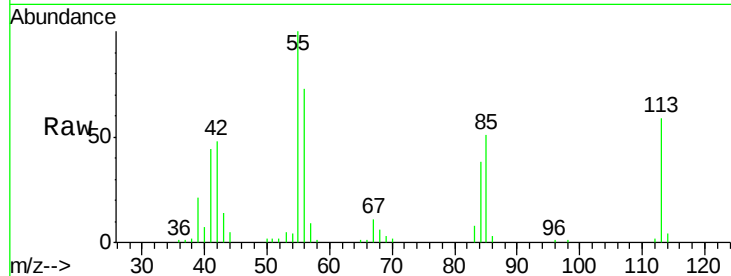




#35
Caprolactam
Concen: 27.095 ng
RT: 8.67 min Scan# 1077
Delta R.T. 0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

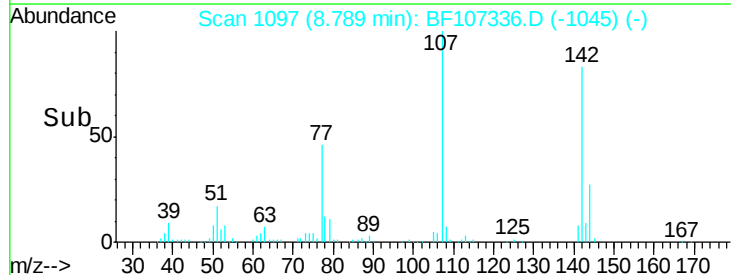
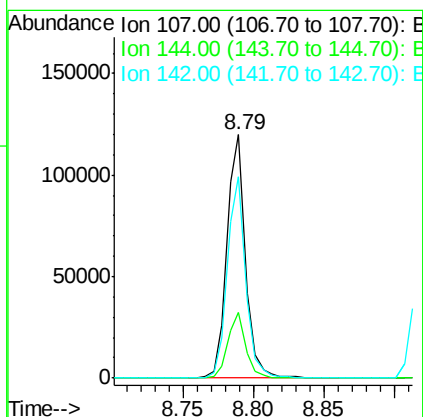
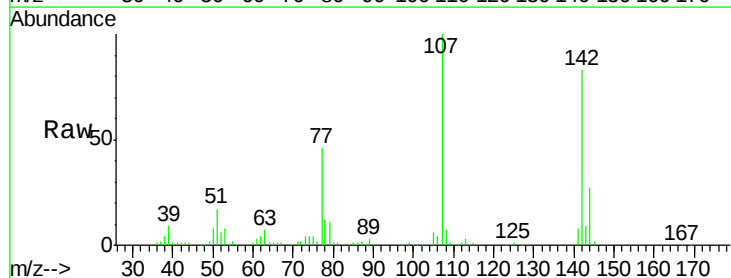
Instrument :
BNA_F
ClientSampleId :
PB110949BS

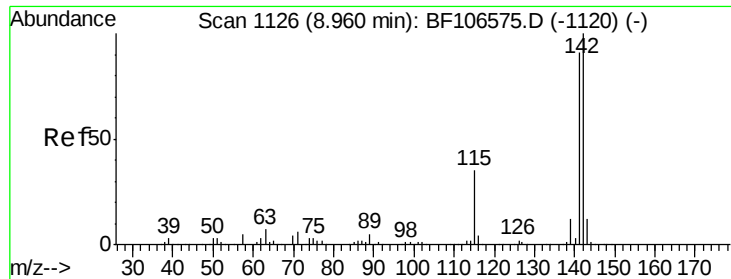
Tgt Ion:113 Resp: 26624
Ion Ratio Lower Upper
113 100
55 170.2 163.3 203.3
56 123.5 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 34.465 ng
RT: 8.79 min Scan# 1097
Delta R.T. 0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Tgt Ion:107 Resp: 109355
Ion Ratio Lower Upper
107 100
144 26.8 20.5 30.7
142 82.5 62.0 93.0

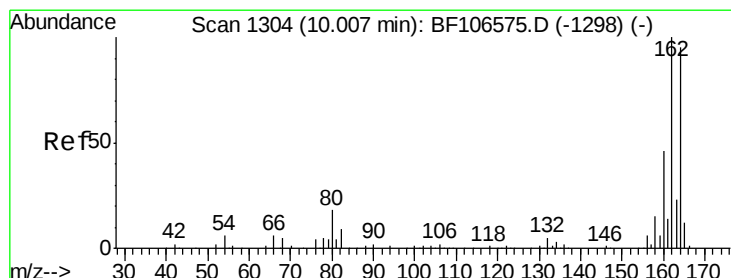
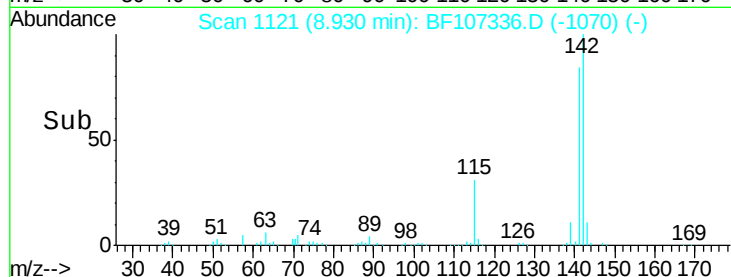
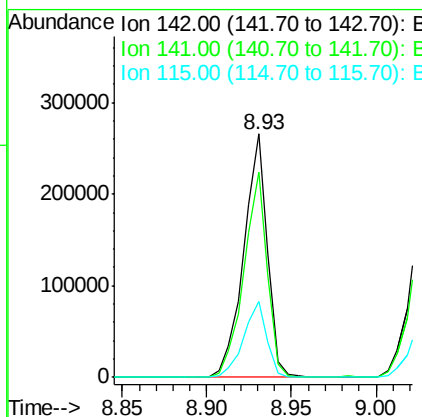
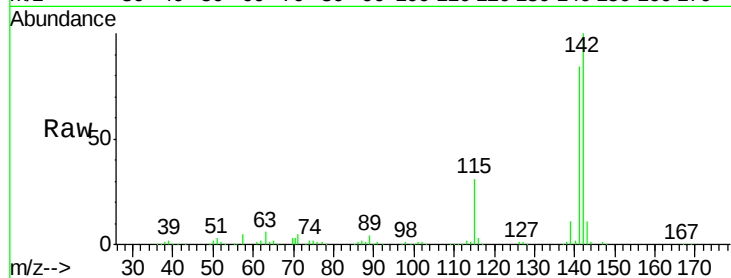




#37
 2-Methylnaphthalene
 Concen: 39.141 ng
 RT: 8.93 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

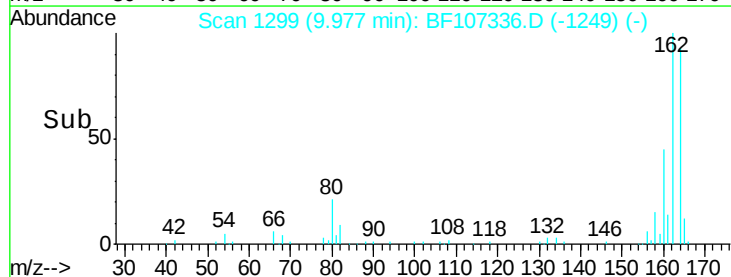
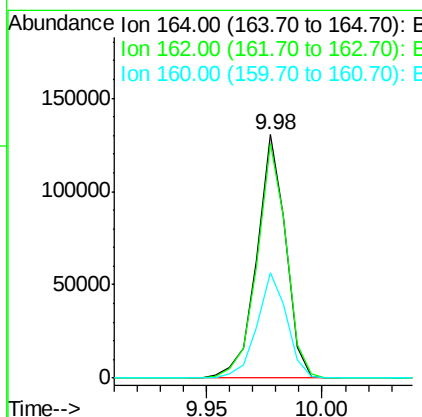
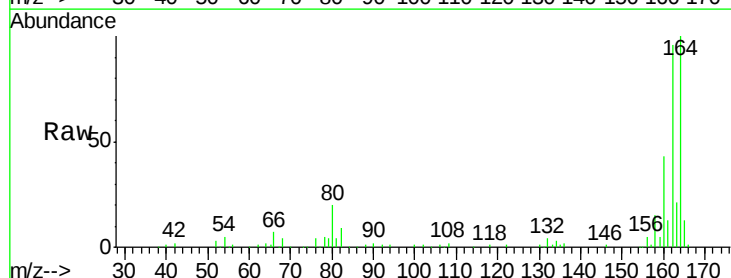
Instrument :
 BNA_F
 ClientSampleId :
 PB110949BS

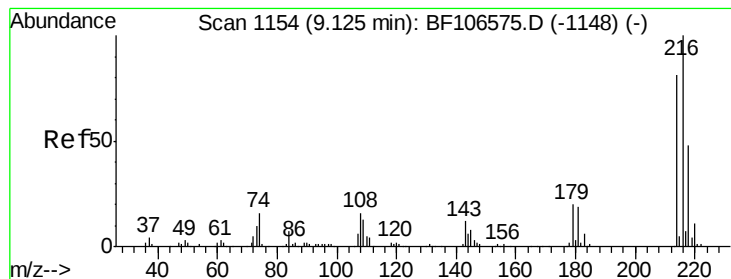
Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.0	70.8	106.2
115	31.2	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.3	86.1	129.1
160	43.4	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.648 ng

RT: 9.10 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB110949BS

Tgt Ion:216 Resp: 136122

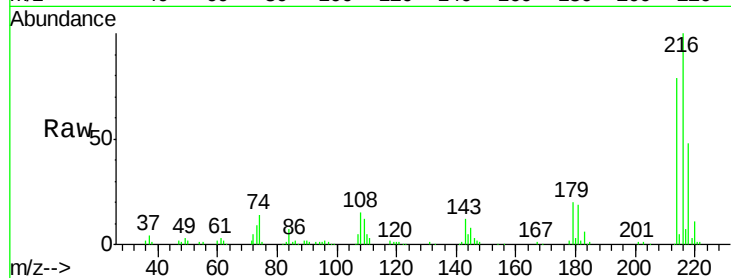
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.4

179 19.4 18.1 27.1

108 14.6 17.2 25.8#

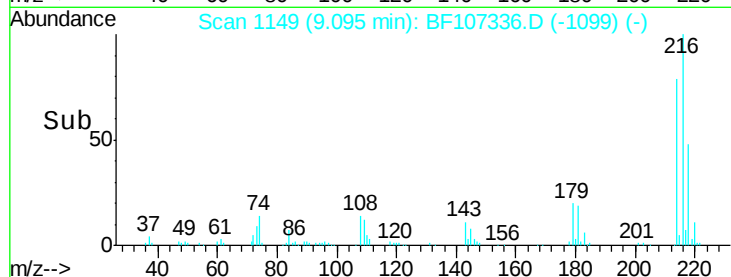


Abundance Ion 216.00 (215.70 to 216.70): E

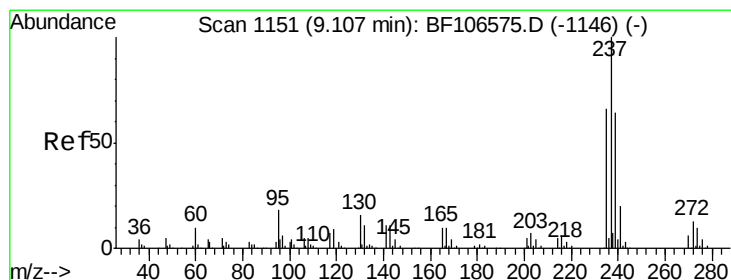
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 17.110 ng

RT: 9.07 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

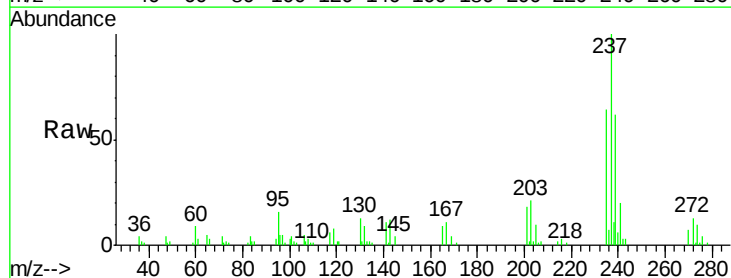
Tgt Ion:237 Resp: 33614

Ion Ratio Lower Upper

237 100

235 64.0 44.8 84.8

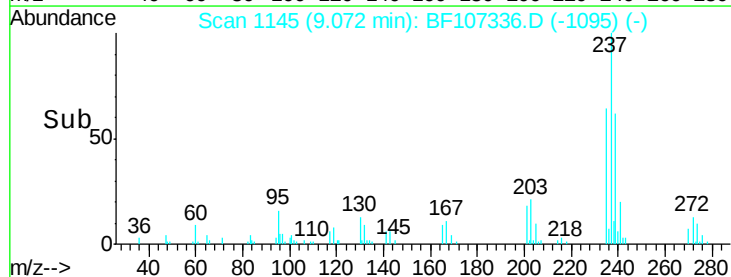
272 13.1 0.0 33.3



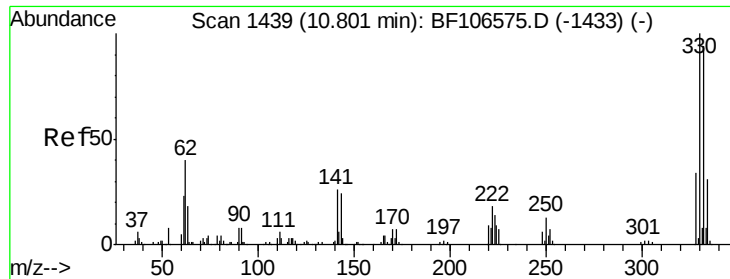
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



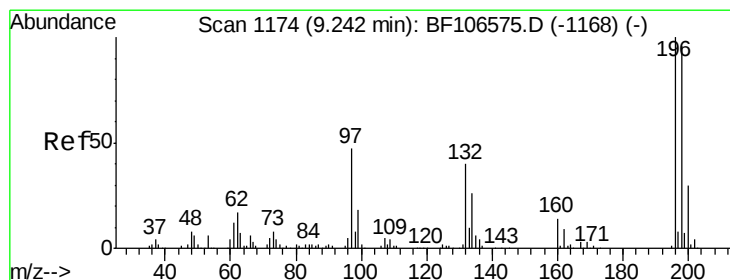
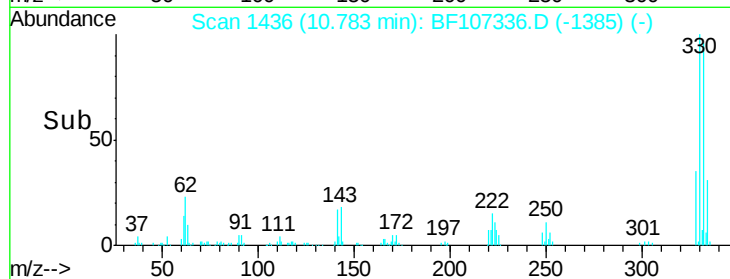
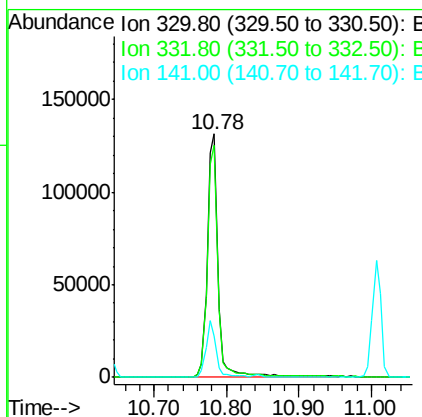
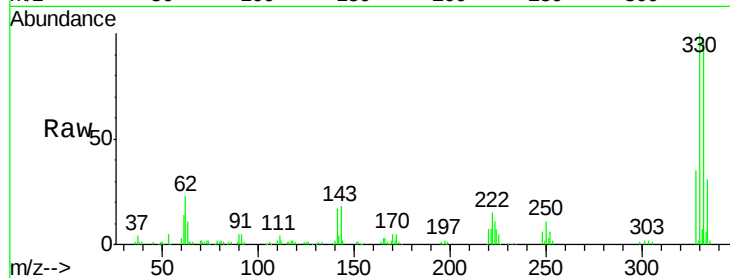
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 104.556 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.00 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

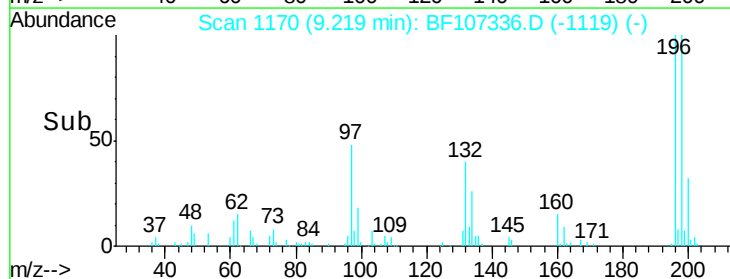
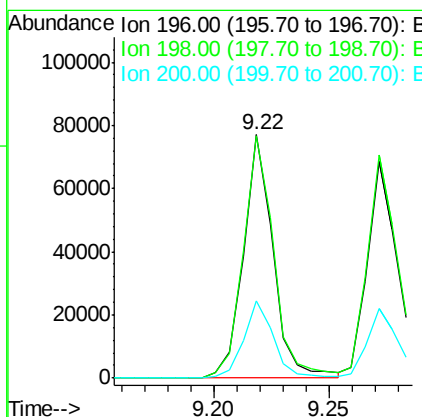
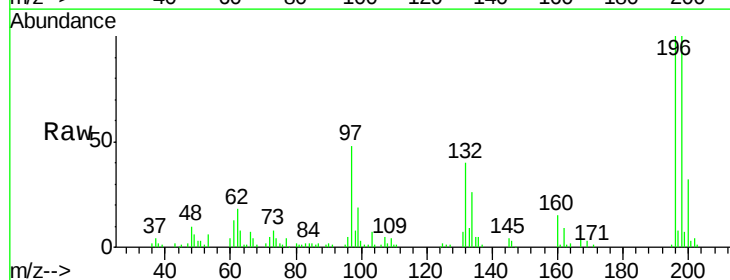
Instrument :
 BNA_F
 ClientSampleId :
 PB110949BS

Tgt Ion:330 Resp: 137405
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 21.8 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 27.457 ng
 RT: 9.22 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Tgt Ion:196 Resp: 69692
 Ion Ratio Lower Upper
 196 100
 198 99.6 75.7 113.5
 200 31.7 24.5 36.7

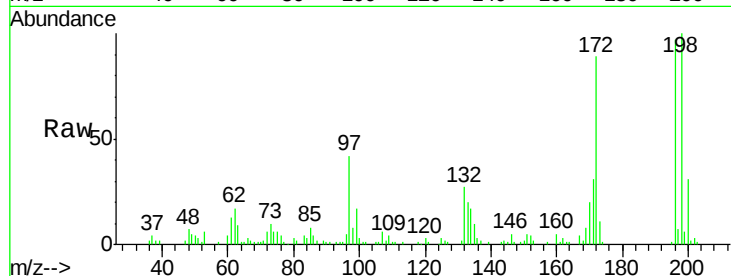




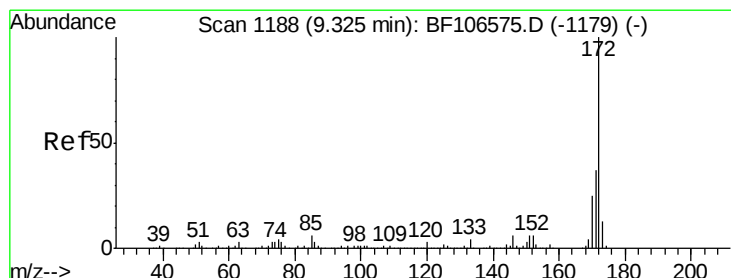
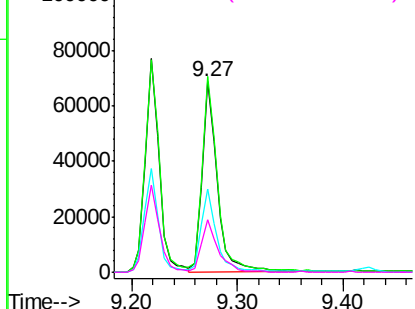
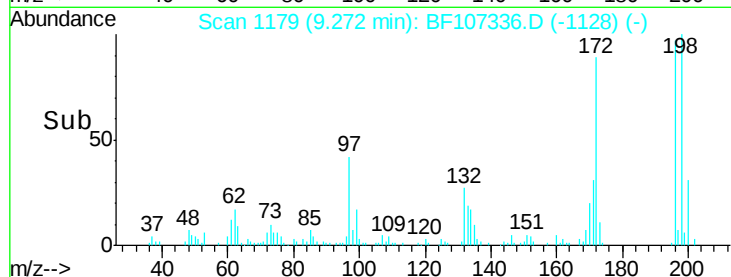
#43
 2,4,5-Trichlorophenol
 Concen: 25.697 ng
 RT: 9.27 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB110949BS

Tgt Ion:196 Resp: 68061
 Ion Ratio Lower Upper
 196 100
 198 103.1 74.6 112.0
 97 43.7 42.9 64.3
 132 27.4 26.3 39.5

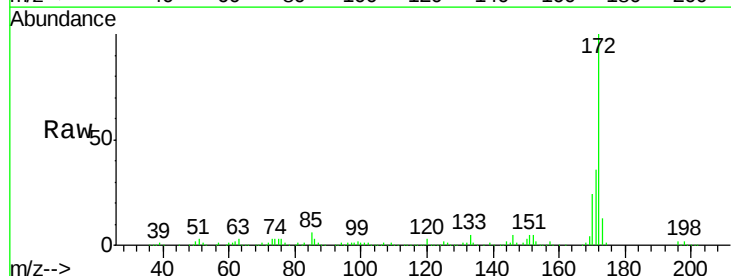


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

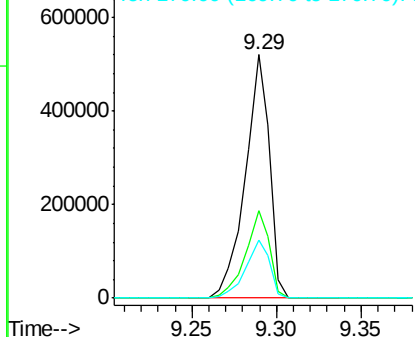
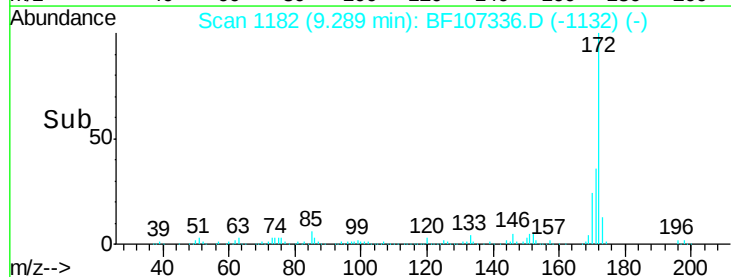


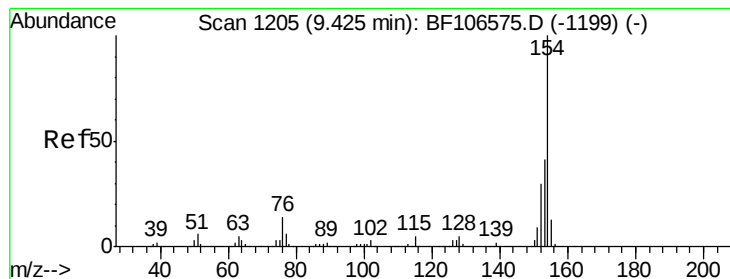
#44
 2-Fluorobiphenyl
 Concen: 76.341 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Tgt Ion:172 Resp: 521459
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.0 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: 34.455 ng

RT: 9.40 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB110949BS

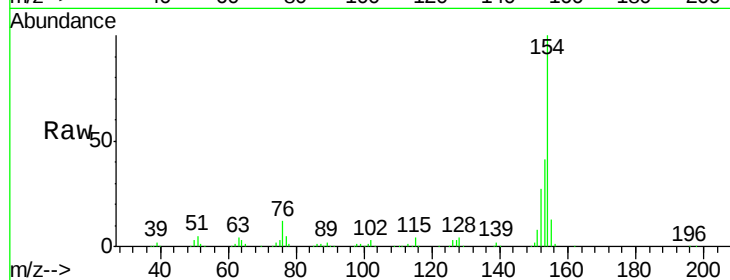
Tgt Ion:154 Resp: 311346

Ion Ratio Lower Upper

154 100

153 41.1 21.3 61.3

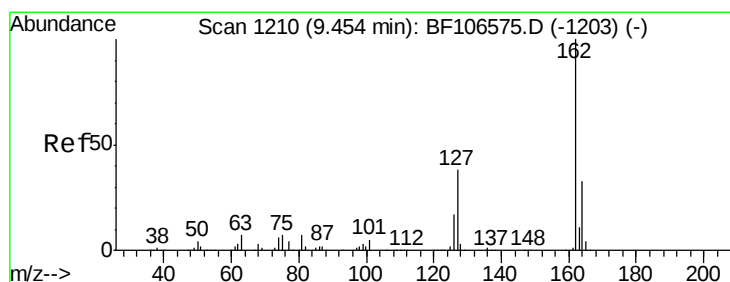
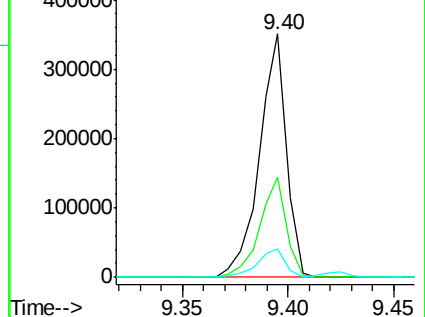
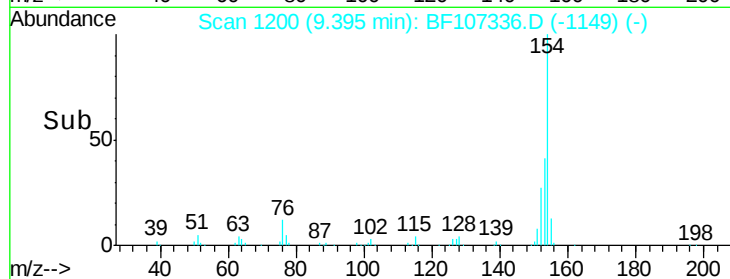
76 11.7 0.0 34.0



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: 31.955 ng

RT: 9.42 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

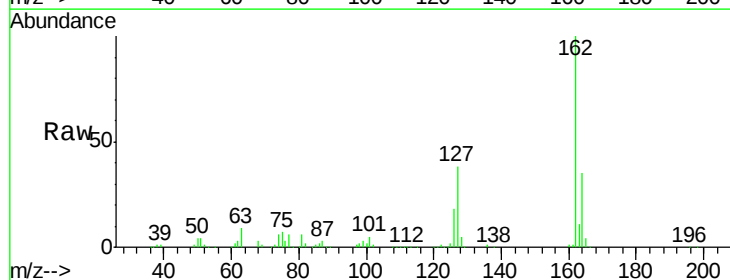
Tgt Ion:162 Resp: 227294

Ion Ratio Lower Upper

162 100

127 38.5 33.9 50.9

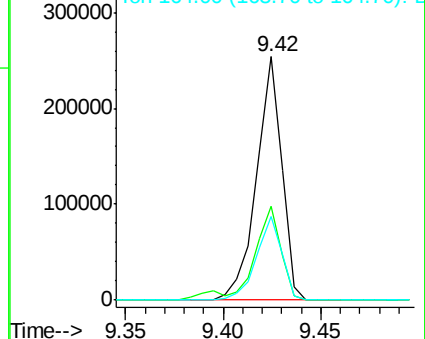
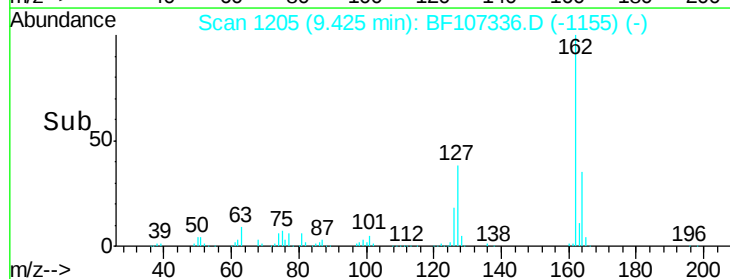
164 34.6 26.5 39.7

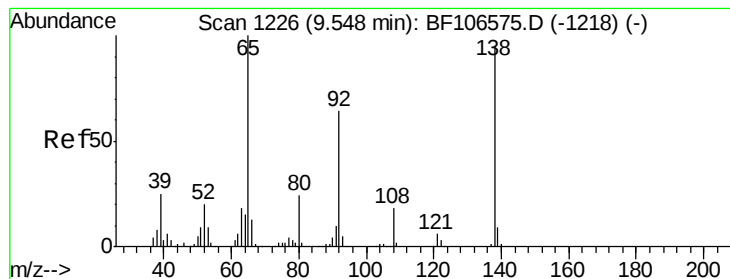


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 29.517 ng

RT: 9.53 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB110949BS

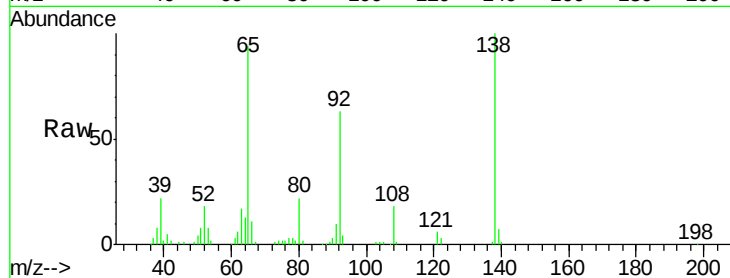
Tgt Ion: 65 Resp: 70600

Ion Ratio Lower Upper

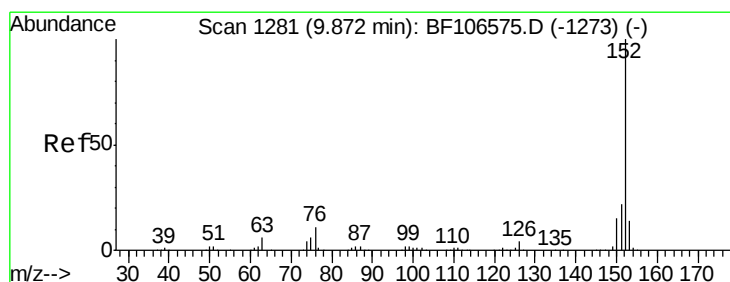
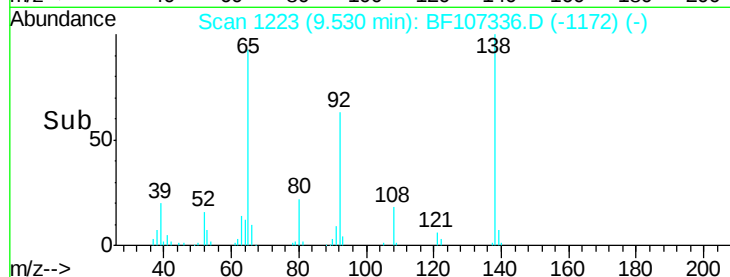
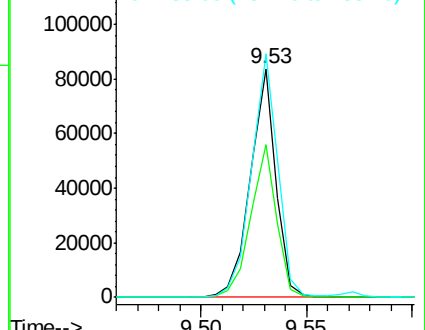
65 100

92 66.7 55.8 83.6

138 106.4 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 32.358 ng

RT: 9.84 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

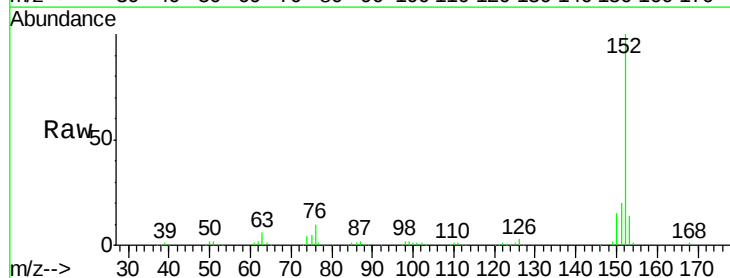
Tgt Ion: 152 Resp: 363377

Ion Ratio Lower Upper

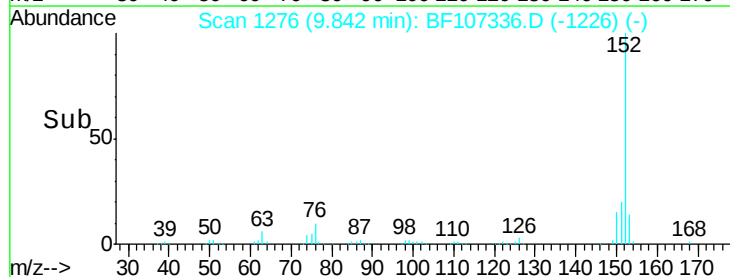
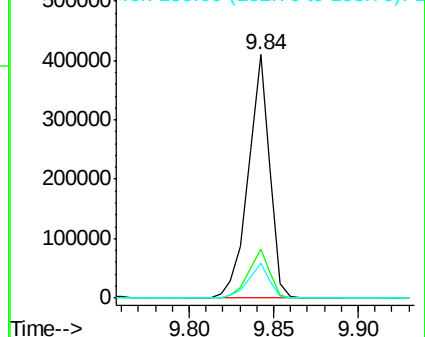
152 100

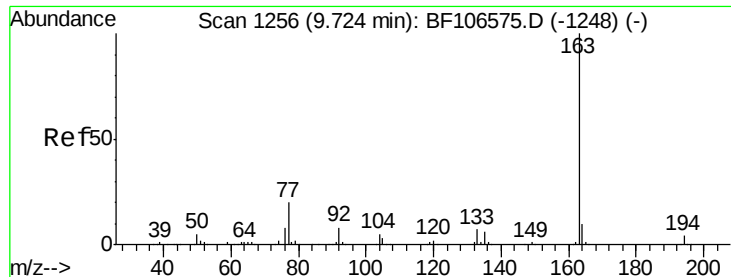
151 20.1 16.3 24.5

153 14.3 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

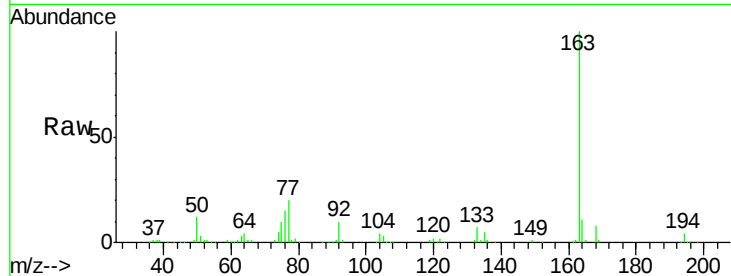




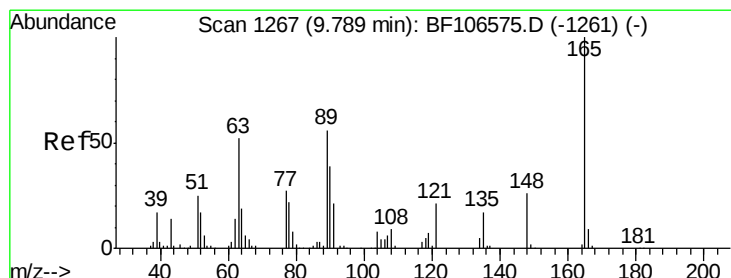
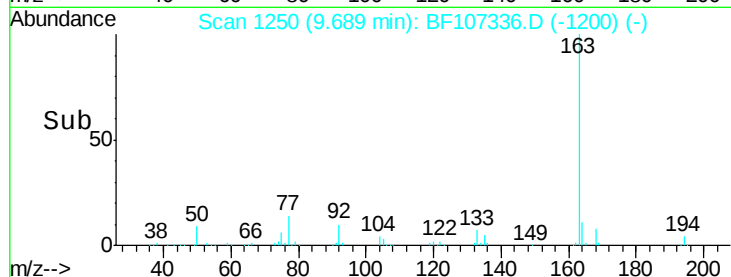
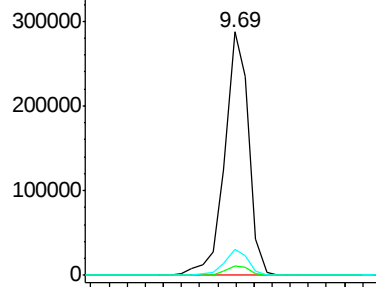
#49
Dimethylphthalate
Concen: 30.885 ng
RT: 9.69 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Instrument :
BNA_F
ClientSampleId :
PB110949BS

Tgt Ion:163 Resp: 262647
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.8 8.2 12.2

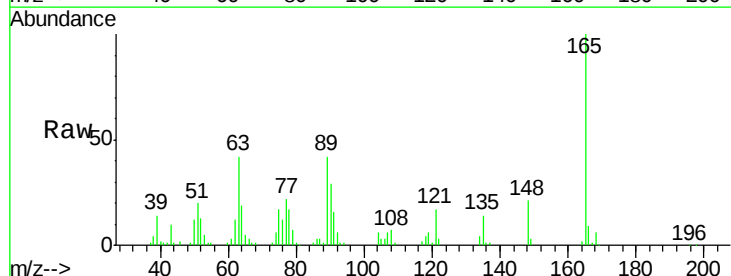


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

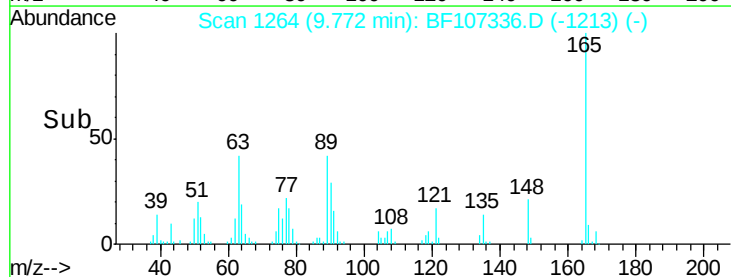
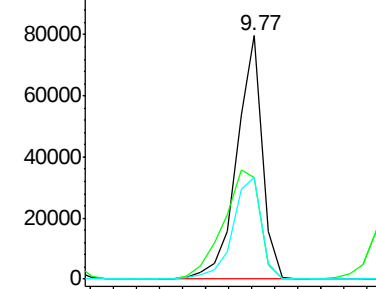


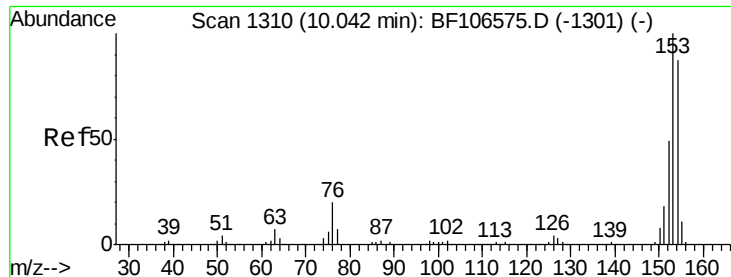
#50
2,6-Dinitrotoluene
Concen: 33.954 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Tgt Ion:165 Resp: 61143
Ion Ratio Lower Upper
165 100
63 41.8 44.7 67.1#
89 41.9 44.0 66.0#



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





#51

Acenaphthene

Concen: 31.445 ng

RT: 10.01 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB110949BS

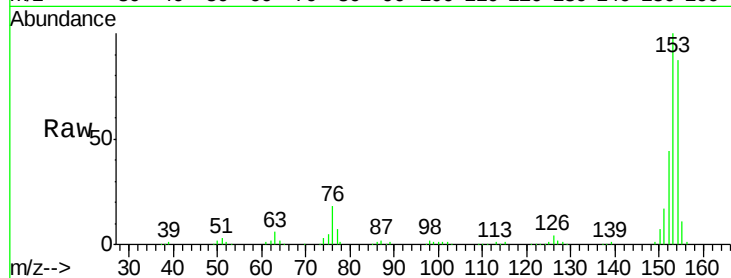
Tgt Ion:154 Resp: 222364

Ion Ratio Lower Upper

154 100

153 115.4 91.2 136.8

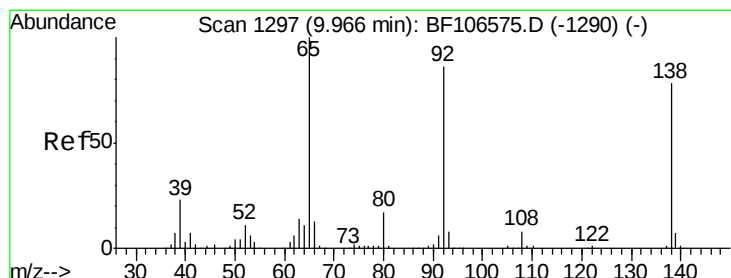
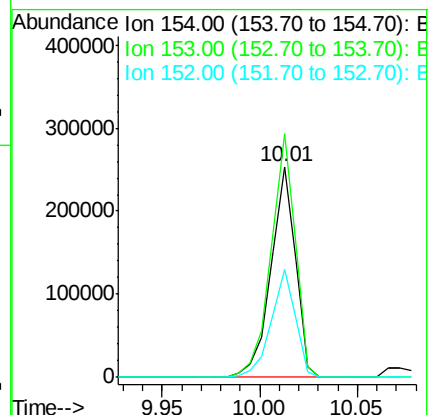
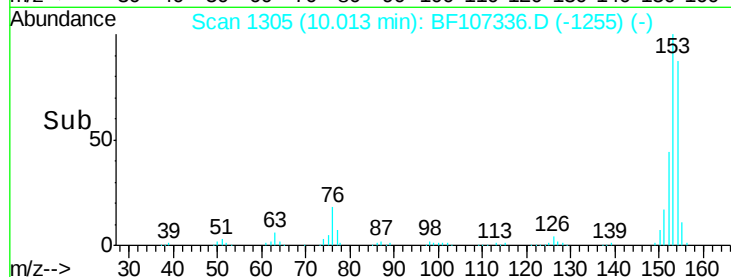
152 51.3 43.8 65.8



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: 15.418 ng

RT: 9.94 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

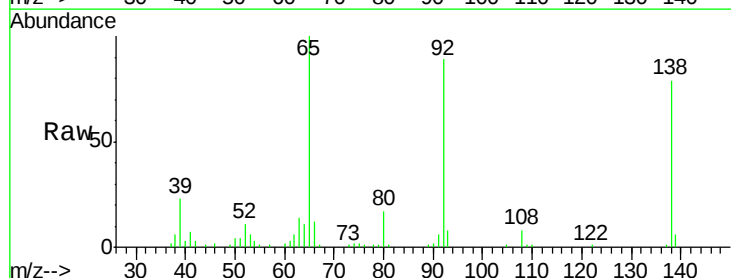
Tgt Ion:138 Resp: 31950

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

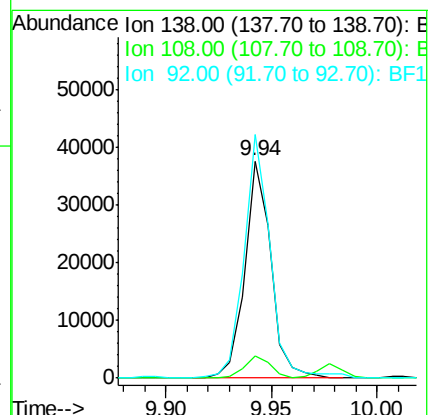
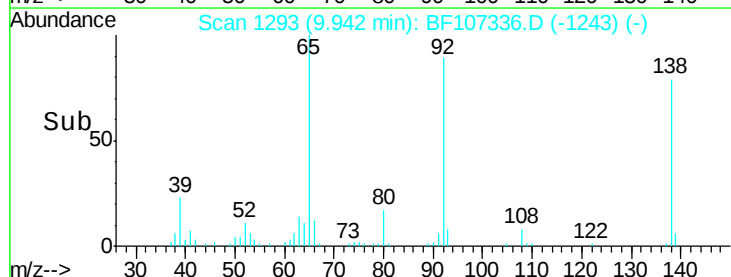
92 112.3 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

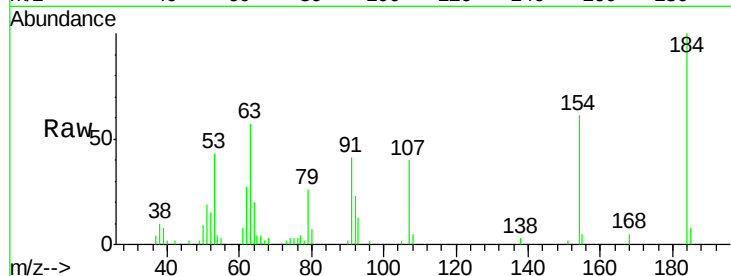




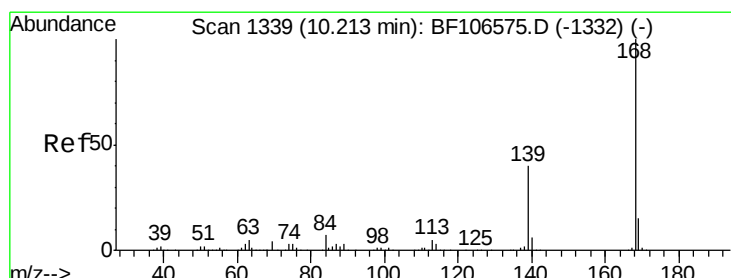
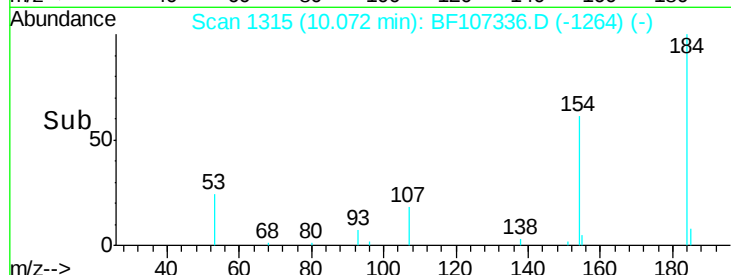
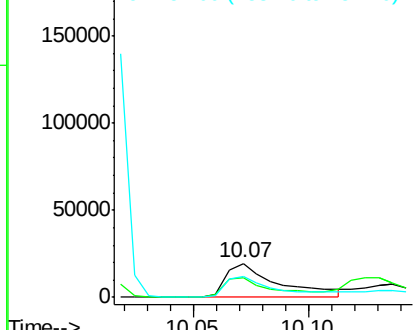
#53
 2,4-Dinitrophenol
 Concen: 35.762 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB110949BS

Tgt Ion:184 Resp: 30513
 Ion Ratio Lower Upper
 184 100
 63 56.9 54.2 81.2
 154 60.7 184.0 276.0#

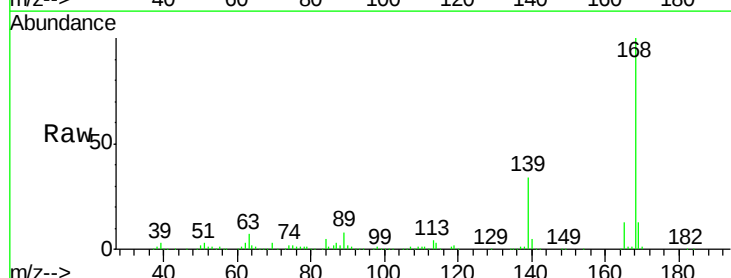


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

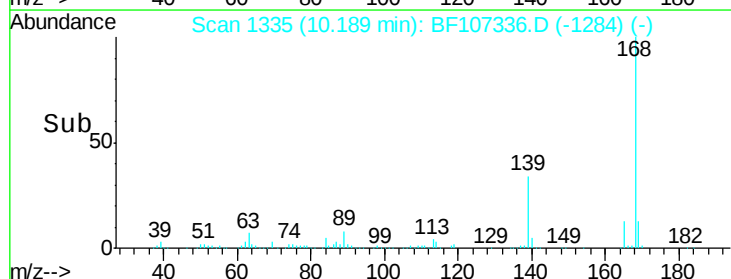
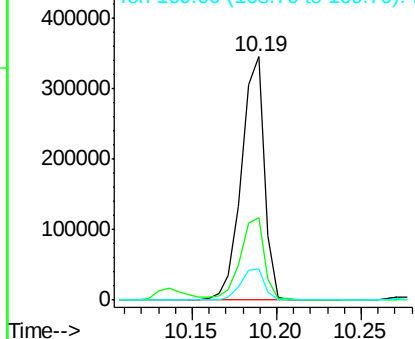


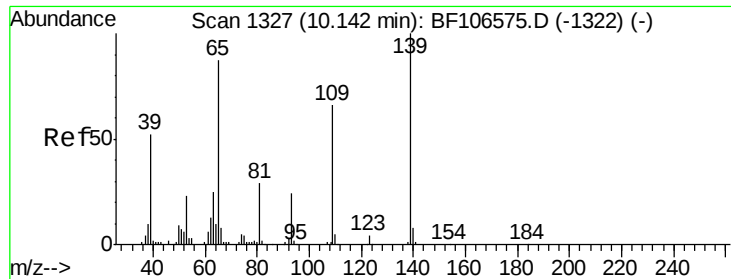
#54
 Dibenzofuran
 Concen: 33.863 ng
 RT: 10.19 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Tgt Ion:168 Resp: 327895
 Ion Ratio Lower Upper
 168 100
 139 33.6 30.1 45.1
 169 12.8 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

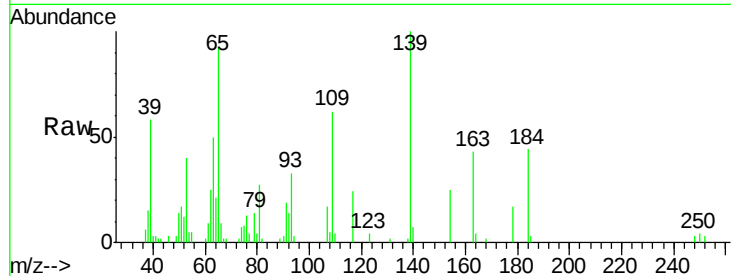




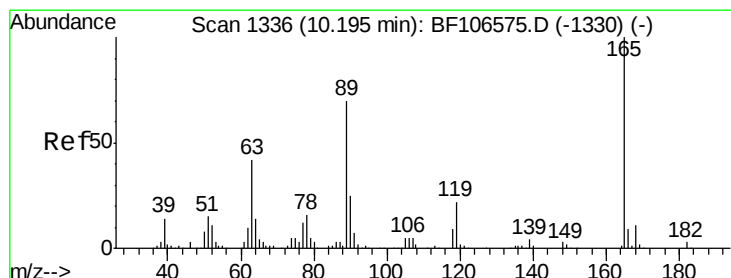
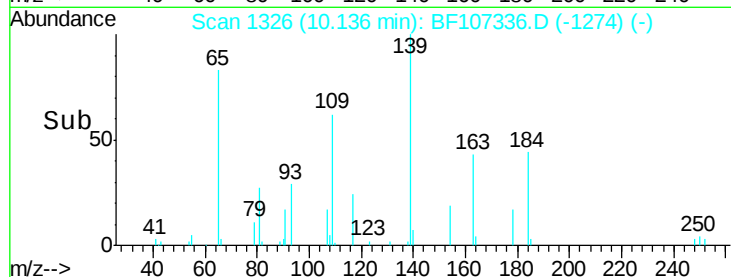
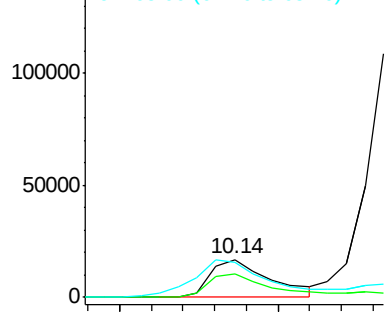
#55
4-Nitrophenol
Concen: 15.085 ng
RT: 10.14 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Instrument :
BNA_F
ClientSampleId :
PB110949BS

Tgt Ion:139 Resp: 21819
Ion Ratio Lower Upper
139 100
109 62.3 48.4 88.4
65 92.7 72.6 112.6

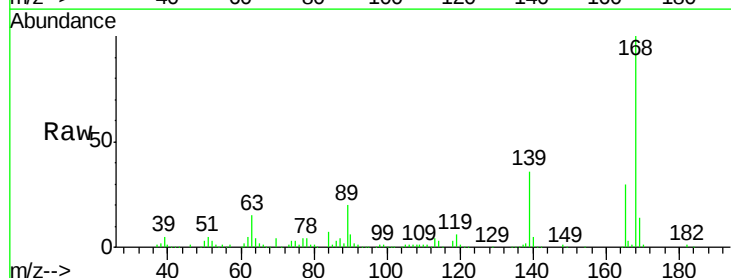


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

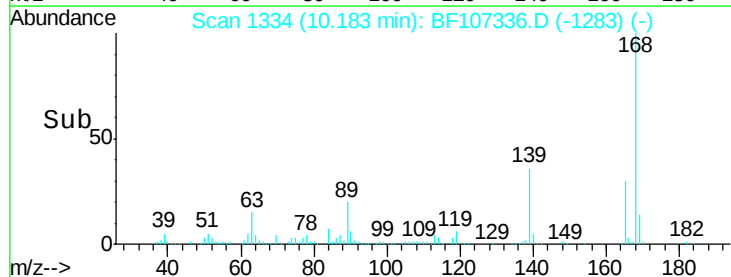
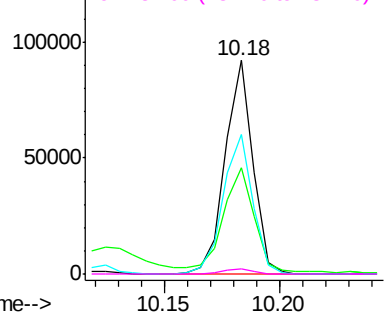


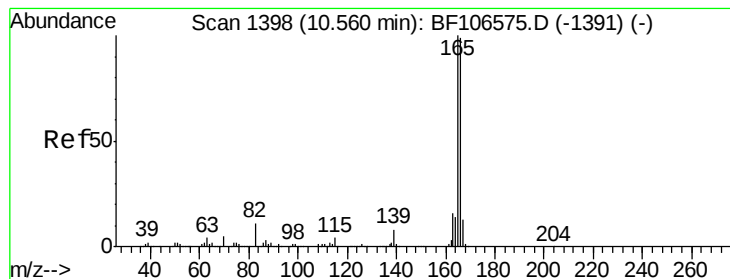
#56
2,4-Dinitrotoluene
Concen: 32.836 ng
RT: 10.18 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Tgt Ion:165 Resp: 77182
Ion Ratio Lower Upper
165 100
63 49.7 36.4 54.6
89 65.4 57.8 86.6
182 2.3 1.6 2.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 35.371 ng

RT: 10.53 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB110949BS

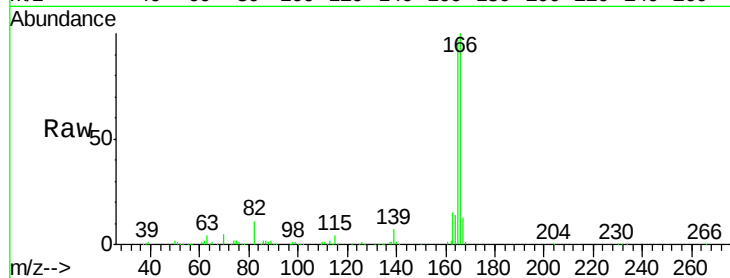
Tgt Ion:166 Resp: 271783

Ion Ratio Lower Upper

166 100

165 97.3 79.8 119.8

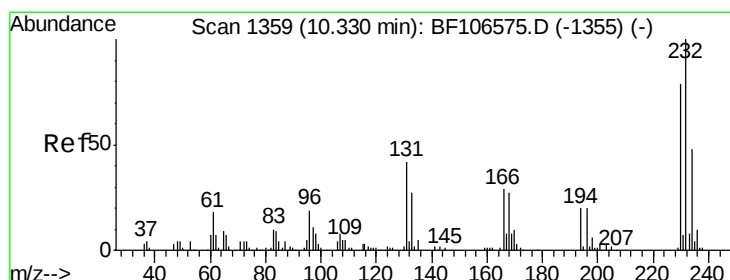
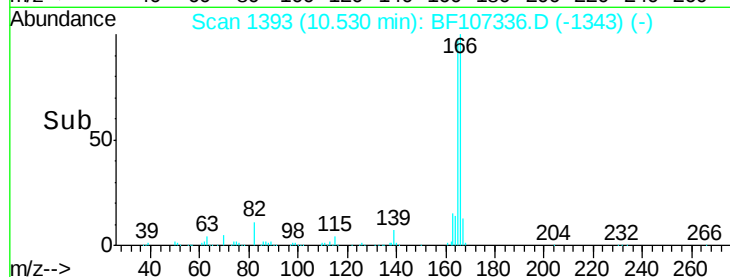
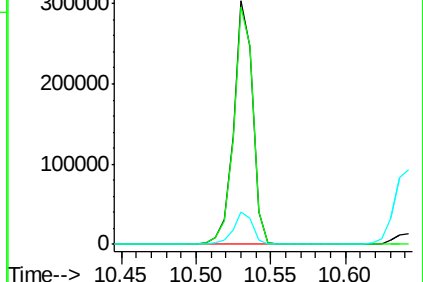
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 23.150 ng

RT: 10.31 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Tgt Ion:232 Resp: 48739

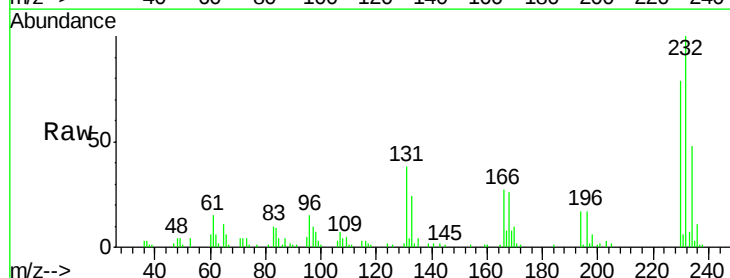
Ion Ratio Lower Upper

232 100

131 40.6 43.8 65.8#

130 1.0 2.1 3.1#

166 22.5 27.8 41.6#

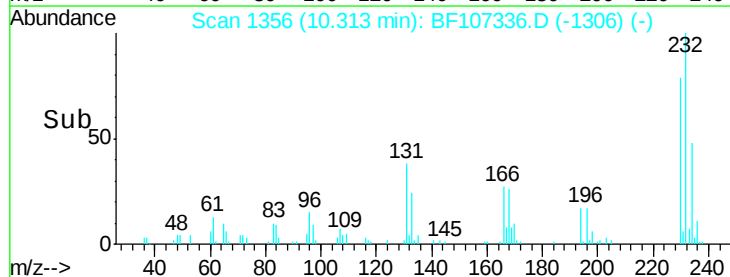
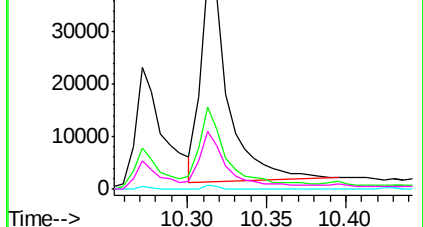


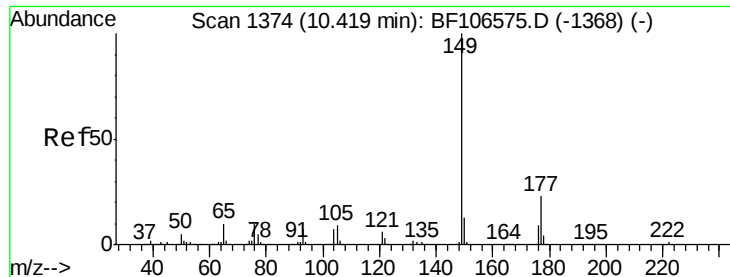
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

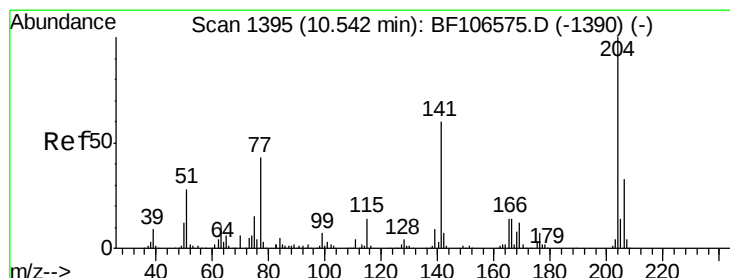
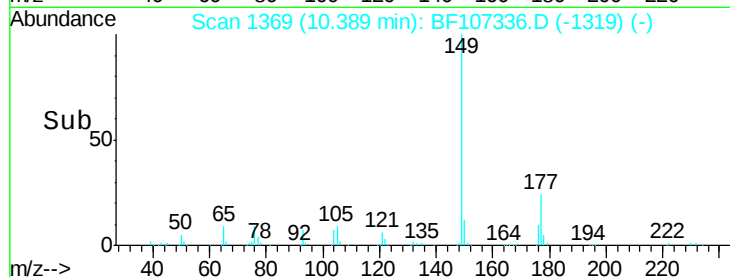
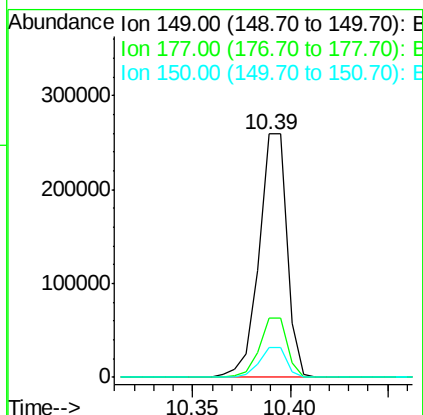
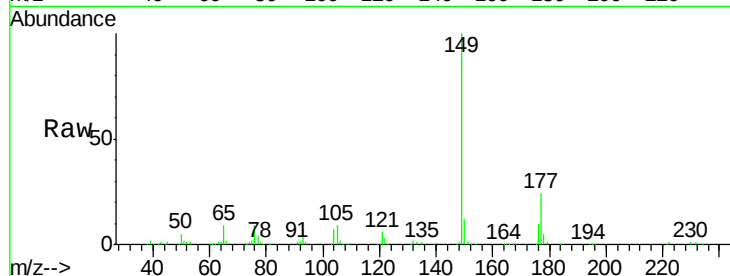




#59
Diethylphthalate
Concen: 31.349 ng
RT: 10.39 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

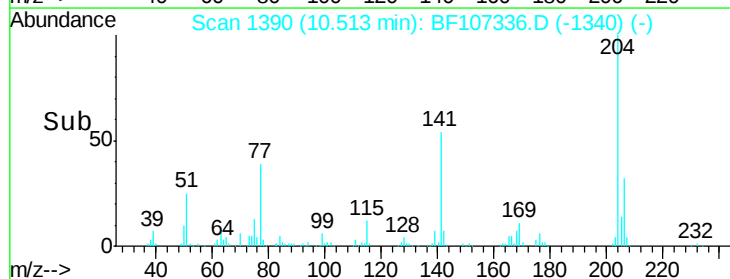
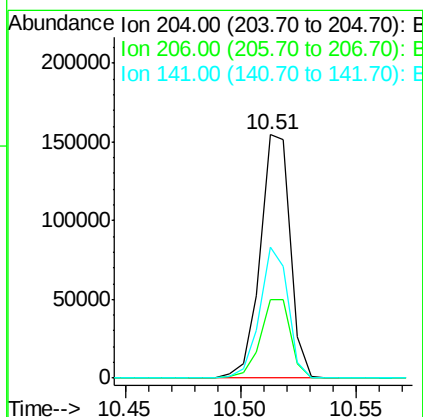
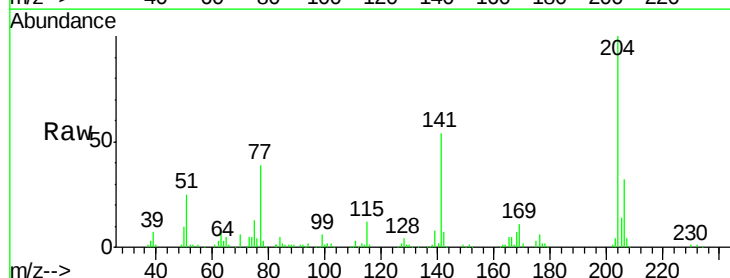
Instrument :
BNA_F
ClientSampleId :
PB110949BS

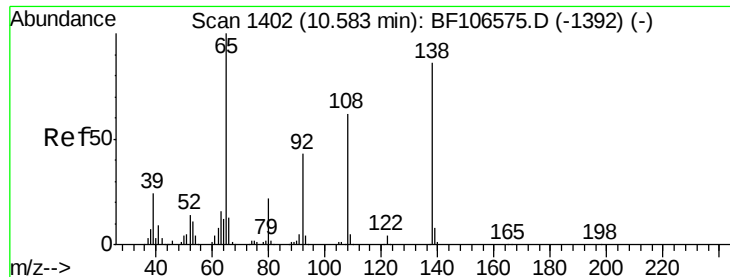
Tgt Ion:149 Resp: 257313
Ion Ratio Lower Upper
149 100
177 24.2 16.1 24.1#
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 34.928 ng
RT: 10.51 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Tgt Ion:204 Resp: 140424
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 54.0 54.6 81.8#

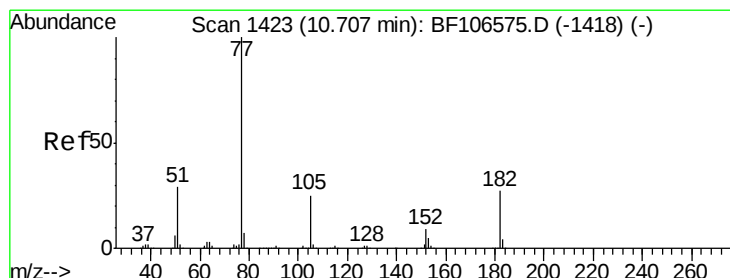
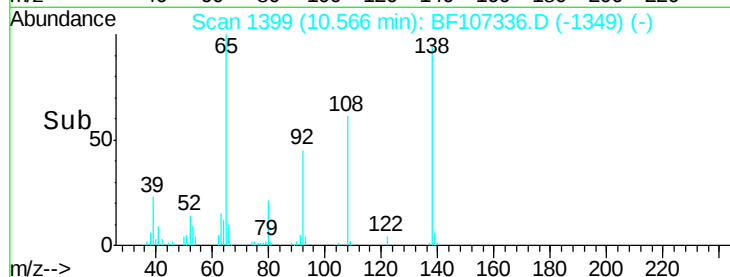
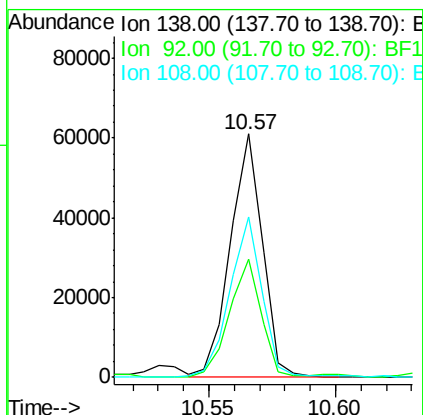
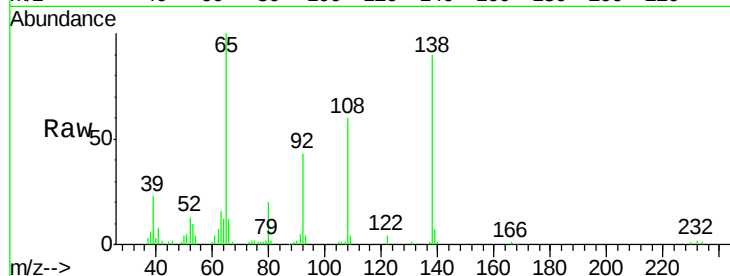




#61
4-Nitroaniline
Concen: 26.117 ng
RT: 10.57 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

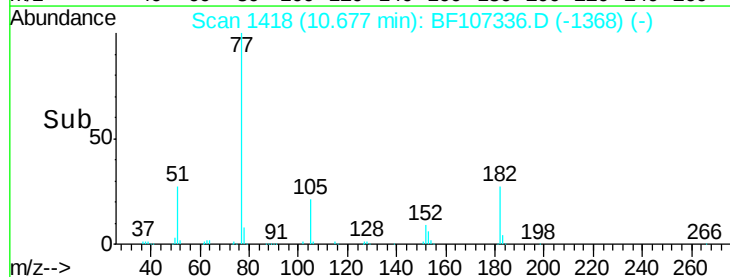
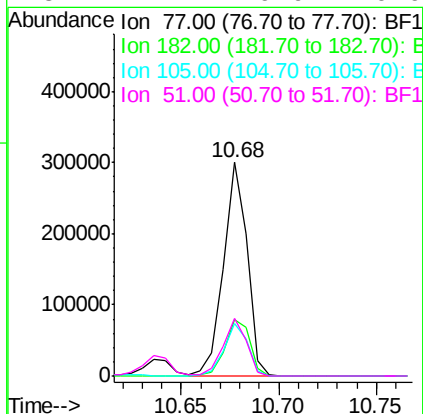
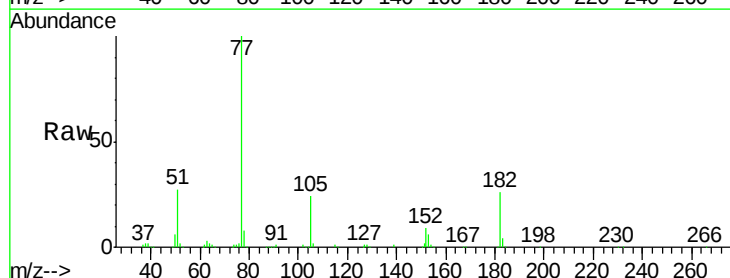
Instrument :
BNA_F
ClientSampleId :
PB110949BS

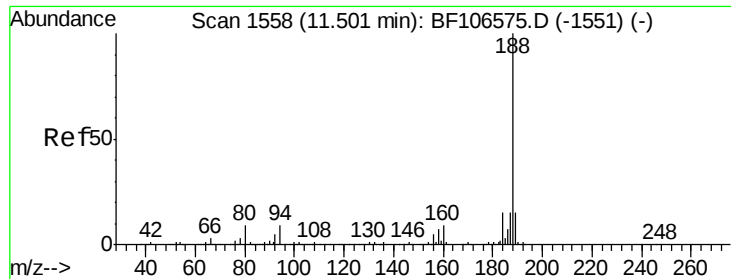
Tgt Ion: 138 Resp: 53710
Ion Ratio Lower Upper
138 100
92 48.3 30.2 70.2
108 66.1 52.5 92.5



#62
Azobenzene
Concen: 31.182 ng
RT: 10.68 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Tgt Ion: 77 Resp: 252039
Ion Ratio Lower Upper
77 100
182 26.4 1.7 41.7
105 24.5 3.0 43.0
51 27.2 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1554

Delta R.T. -0.00 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB110949BS

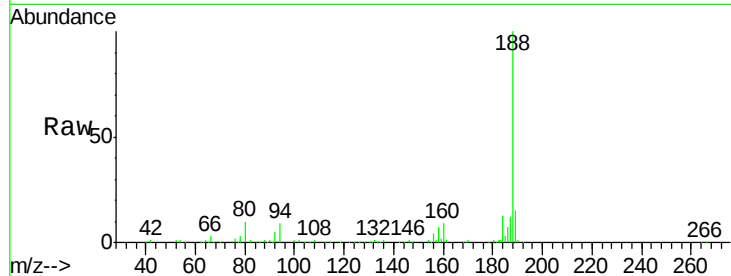
Tgt Ion:188 Resp: 231194

Ion Ratio Lower Upper

188 100

94 8.5 8.5 12.7

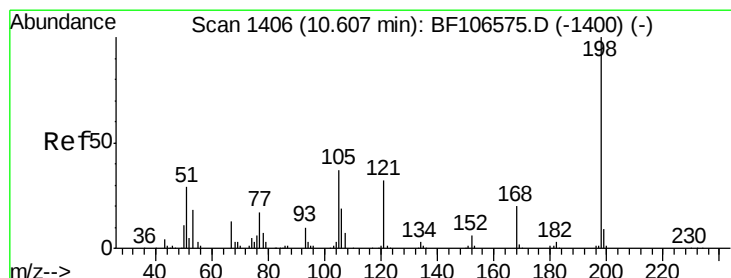
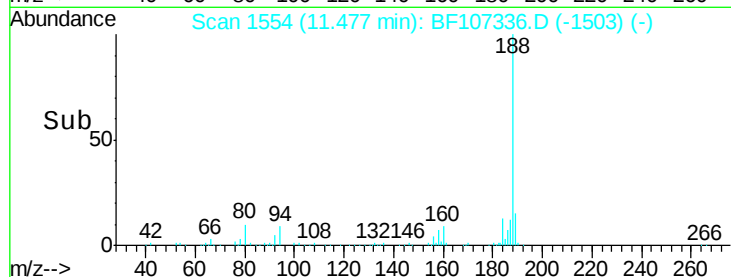
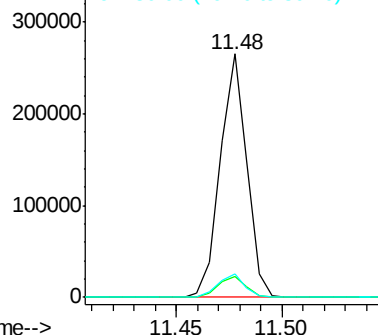
80 9.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 26.486 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

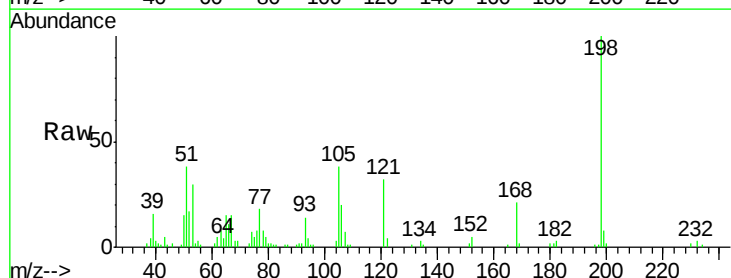
Tgt Ion:198 Resp: 37852

Ion Ratio Lower Upper

198 100

51 37.8 37.7 77.7

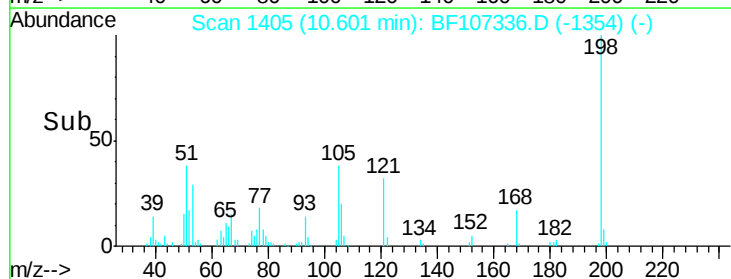
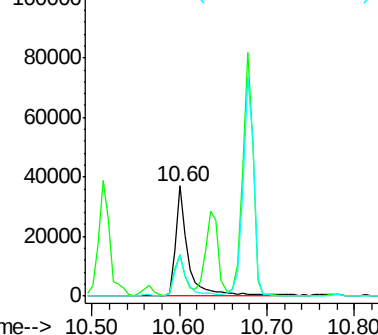
105 38.0 36.3 76.3

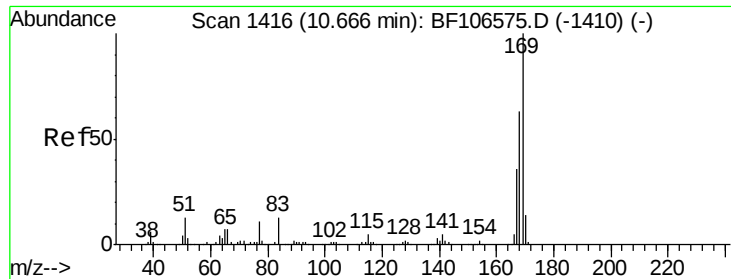


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 29.442 ng

RT: 10.64 min Scan# 1412

Delta R.T. -0.00 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB110949BS

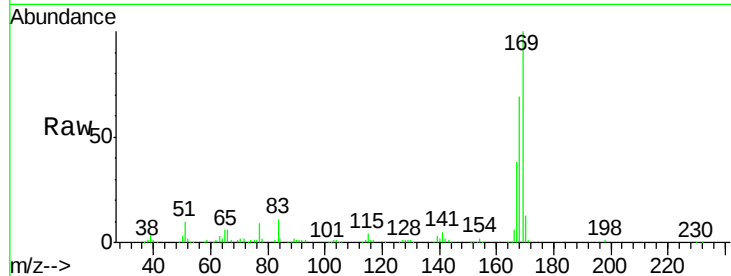
Tgt Ion:169 Resp: 228953

Ion Ratio Lower Upper

169 100

168 68.9 54.4 81.6

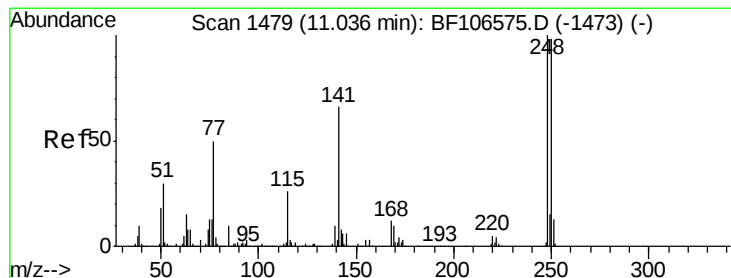
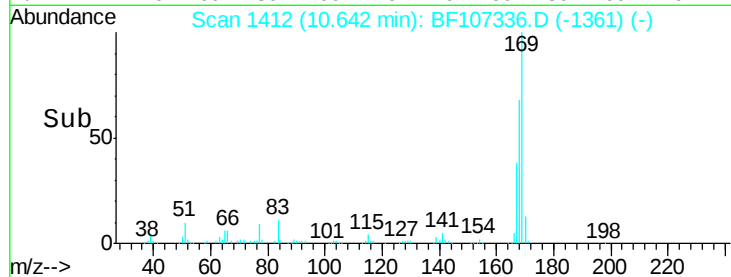
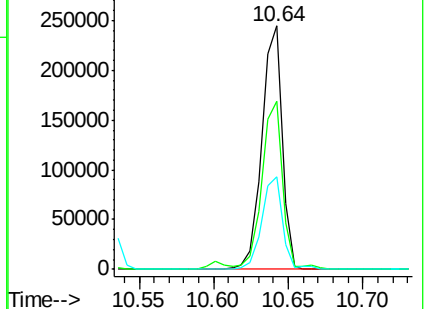
167 37.9 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 34.564 ng

RT: 11.01 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

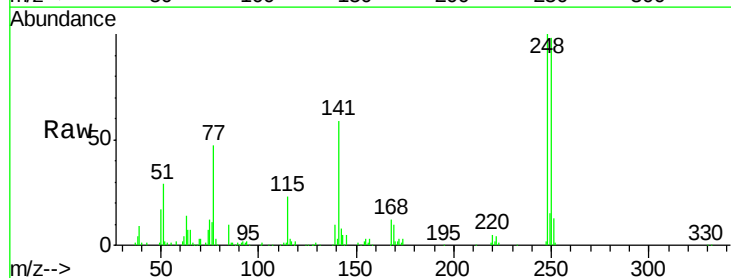
Tgt Ion:248 Resp: 95368

Ion Ratio Lower Upper

248 100

250 98.2 76.9 115.3

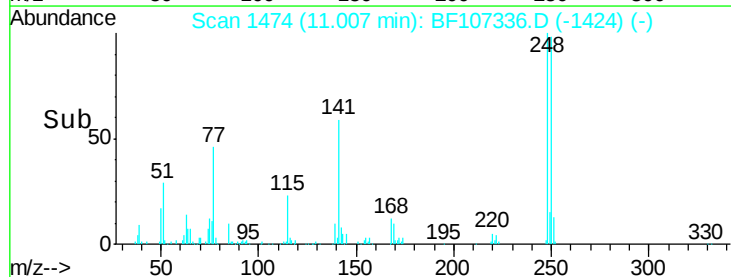
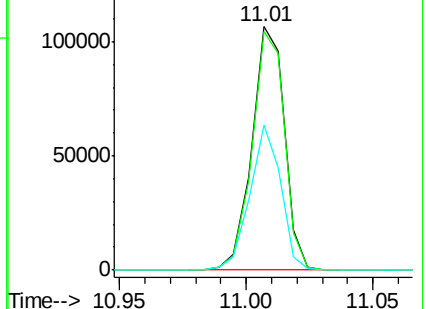
141 59.4 74.4 111.6#

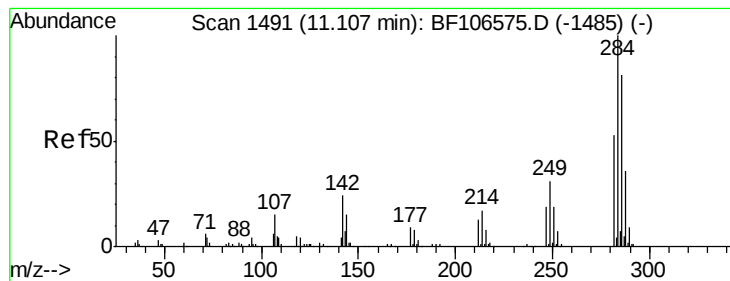


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 34.724 ng

RT: 11.08 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB110949BS

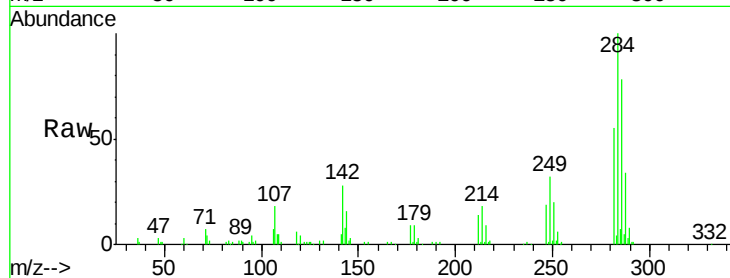
Tgt Ion:284 Resp: 100277

Ion Ratio Lower Upper

284 100

142 28.1 34.6 52.0#

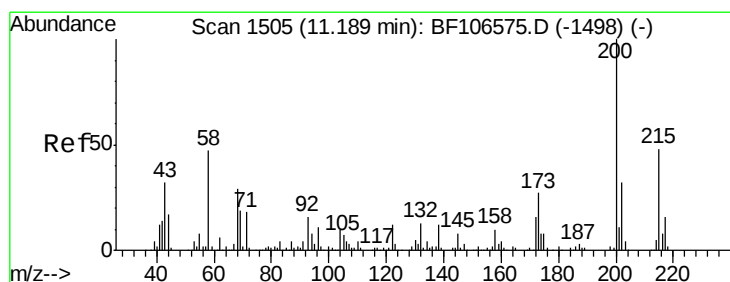
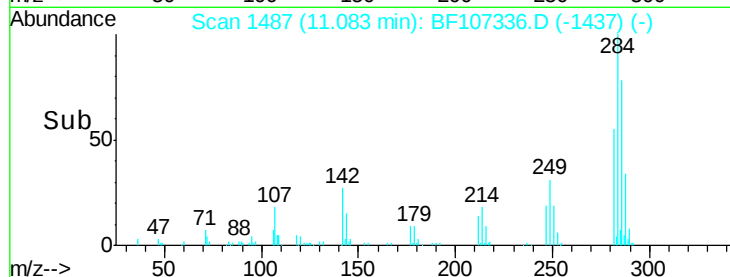
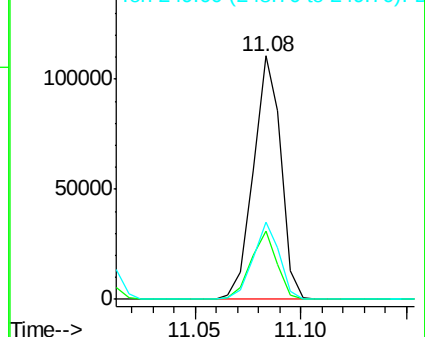
249 31.7 24.8 37.2



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: 33.389 ng

RT: 11.17 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

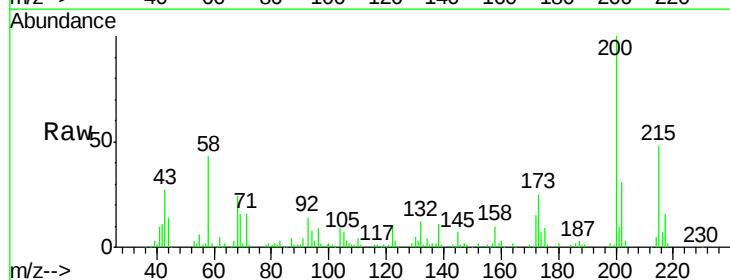
Tgt Ion:200 Resp: 82542

Ion Ratio Lower Upper

200 100

173 25.2 8.6 48.6

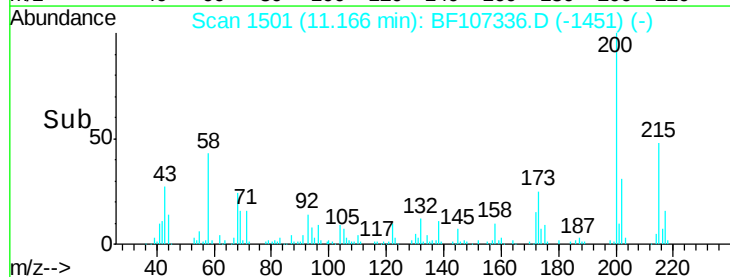
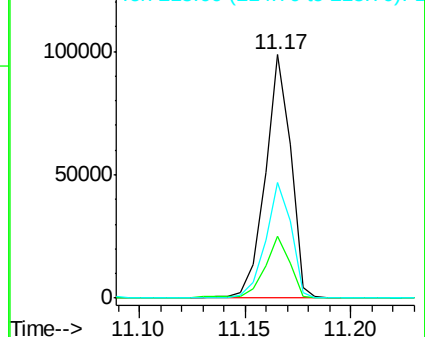
215 47.6 25.1 65.1

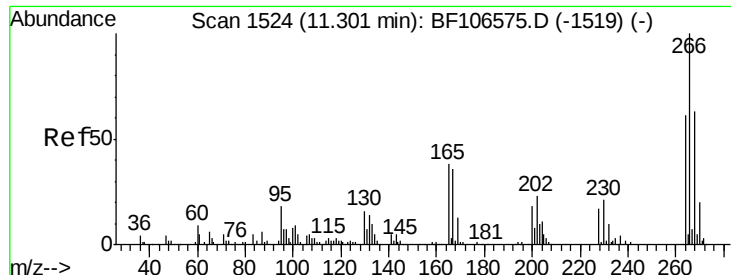


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

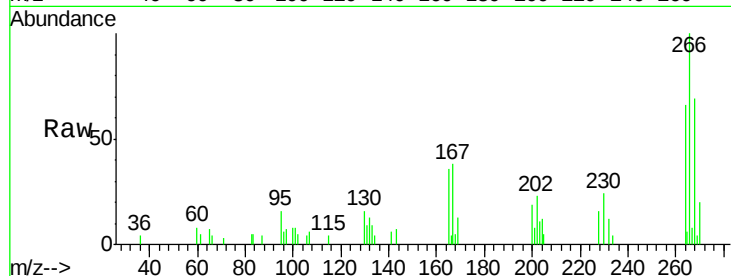




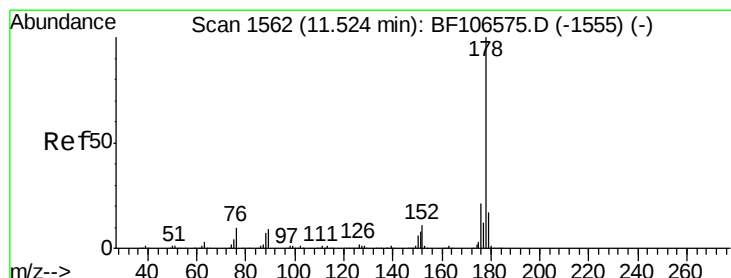
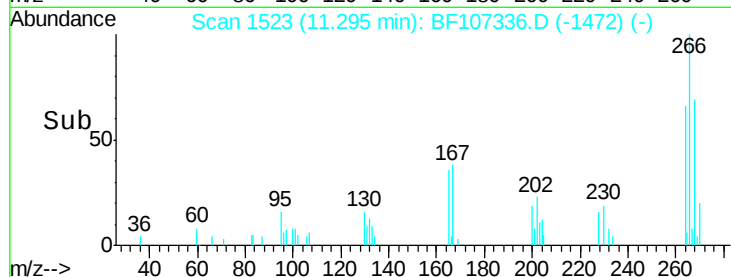
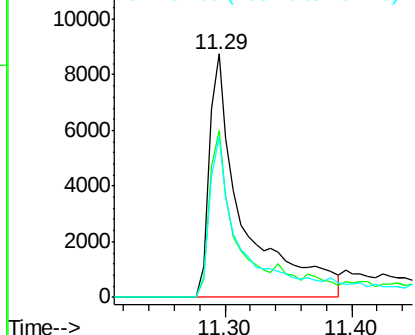
#69
 Pentachlorophenol
 Concen: 11.340 ng
 RT: 11.29 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB110949BS

Tgt Ion: 266 Resp: 16340
 Ion Ratio Lower Upper
 266 100
 268 68.6 51.1 76.7
 264 65.8 49.5 74.3

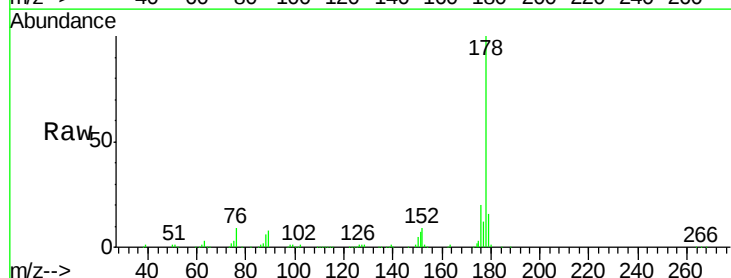


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

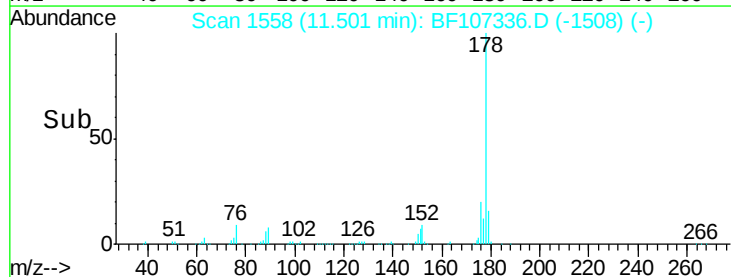
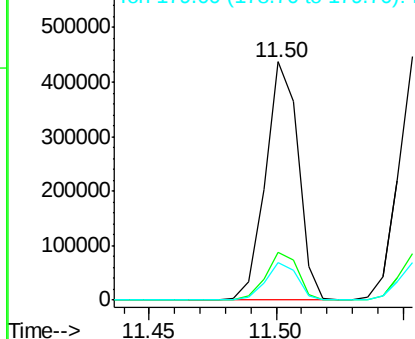


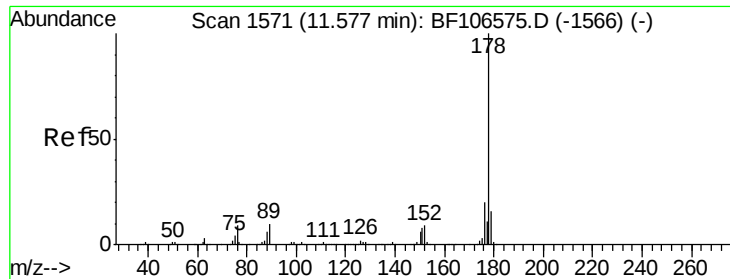
#70
 Phenanthrene
 Concen: 35.158 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Tgt Ion: 178 Resp: 392046
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.9 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

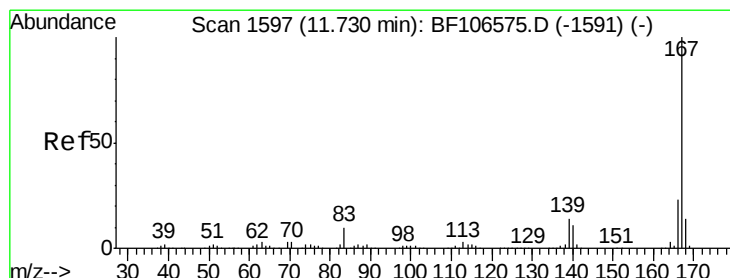
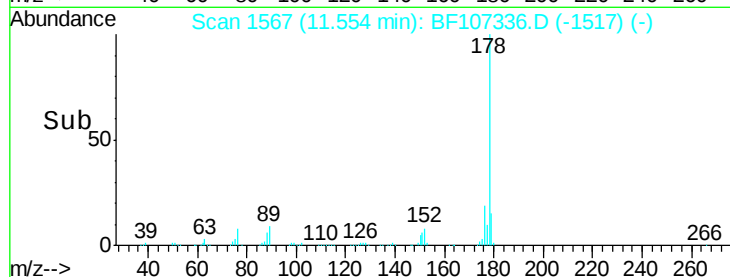
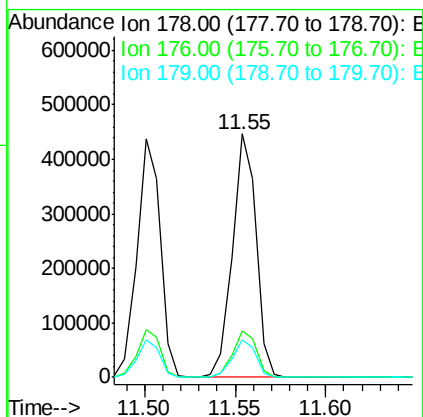
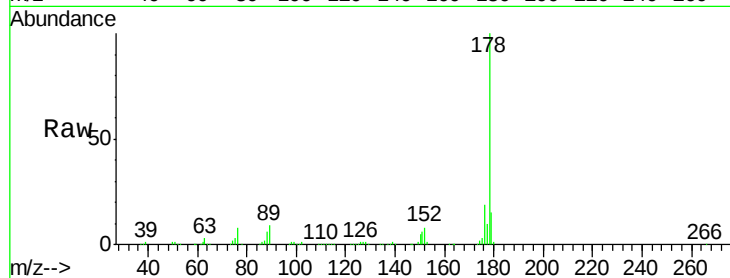




#71
 Anthracene
 Concen: 35.746 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

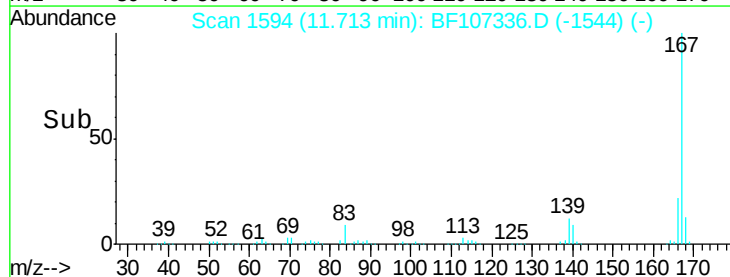
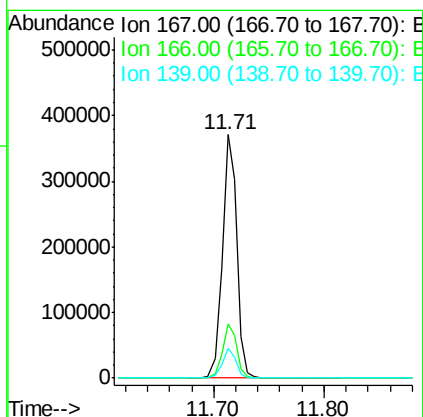
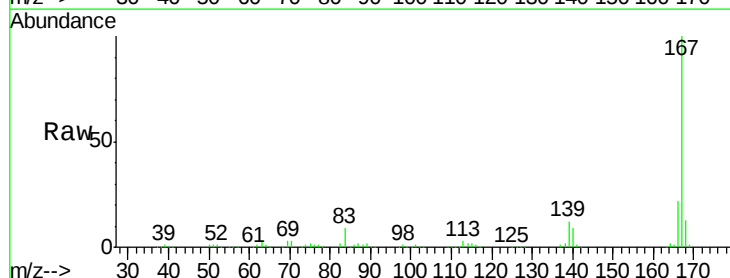
Instrument :
 BNA_F
 ClientSampleId :
 PB110949BS

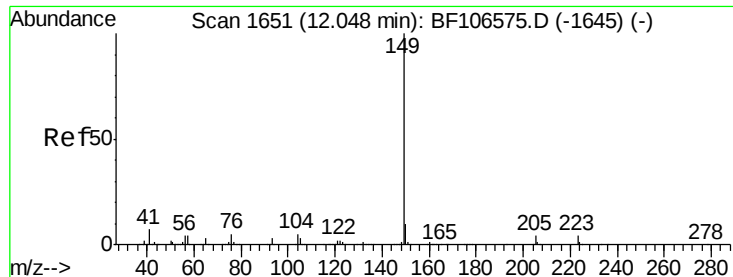
Tgt Ion:178 Resp: 406856
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 31.606 ng
 RT: 11.71 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Tgt Ion:167 Resp: 336802
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 12.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 31.676 ng

RT: 12.02 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB110949BS

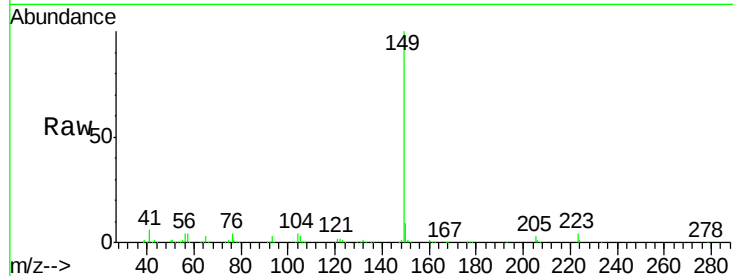
Tgt Ion:149 Resp: 397658

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

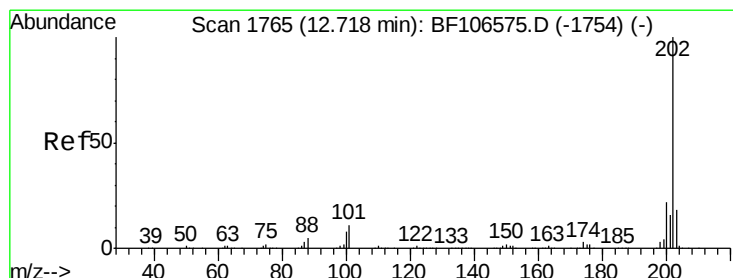
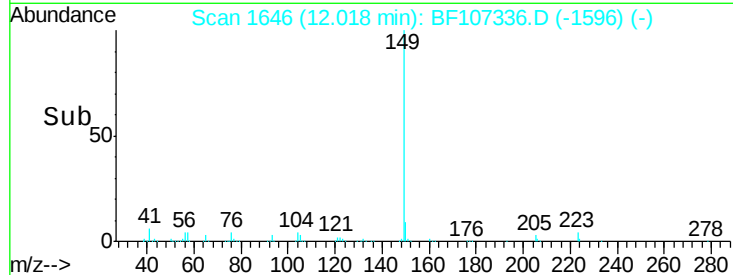
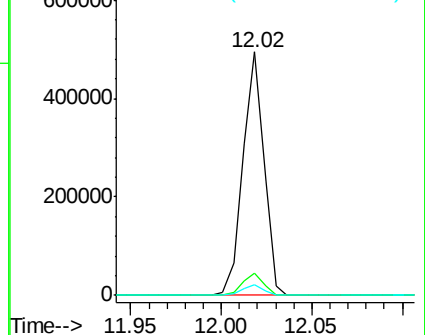
104 4.4 3.8 5.8



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: 33.278 ng

RT: 12.70 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

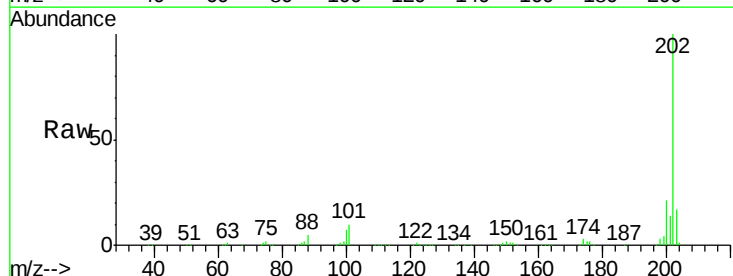
Tgt Ion:202 Resp: 409006

Ion Ratio Lower Upper

202 100

101 10.3 0.0 34.1

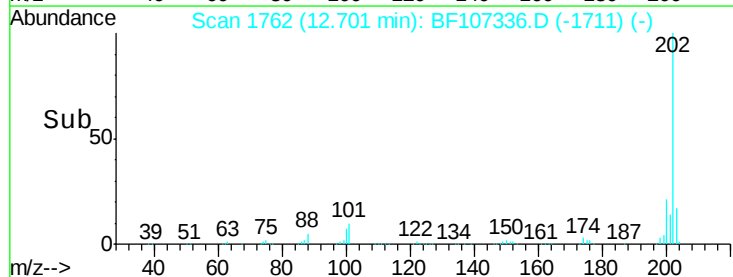
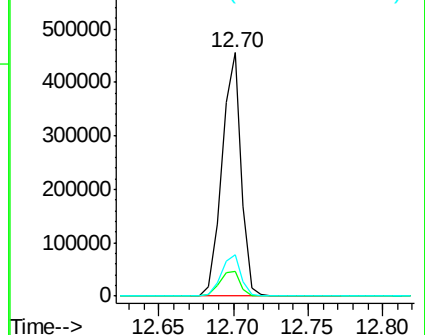
203 17.3 0.0 38.1

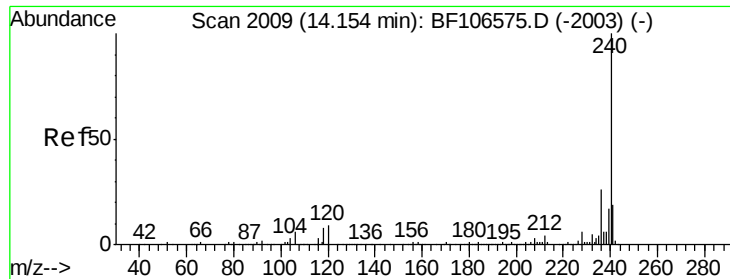


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB110949BS

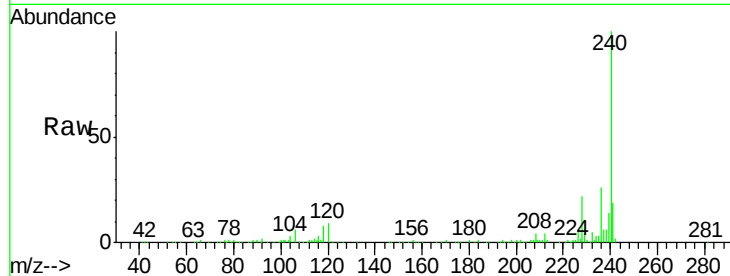
Tgt Ion:240 Resp: 158447

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

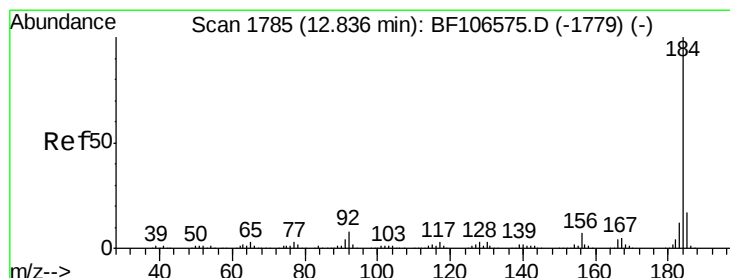
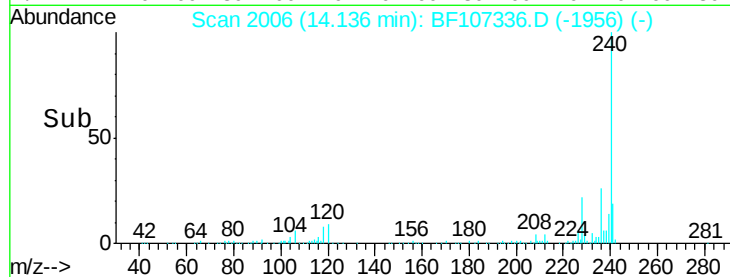
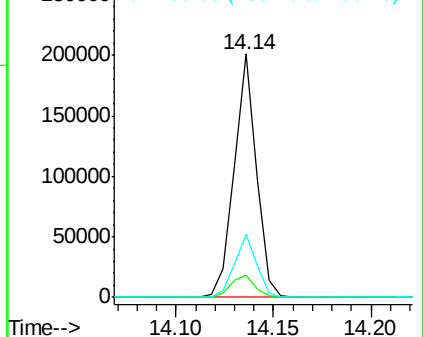
236 25.8 20.7 31.1



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: 23.759 ng

RT: 12.82 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

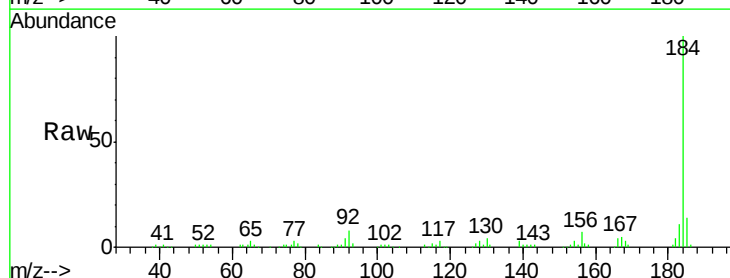
Tgt Ion:184 Resp: 107215

Ion Ratio Lower Upper

184 100

185 13.7 12.6 18.8

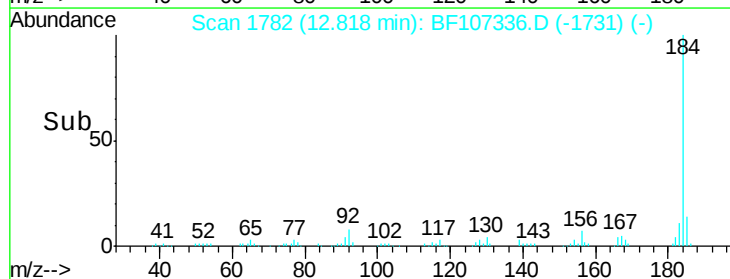
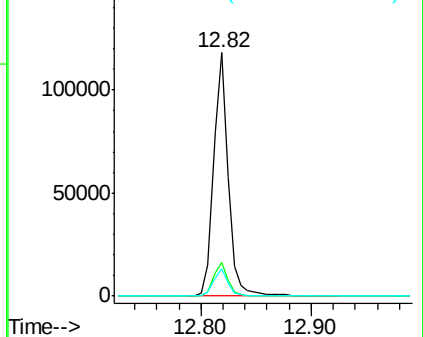
183 11.4 9.3 13.9

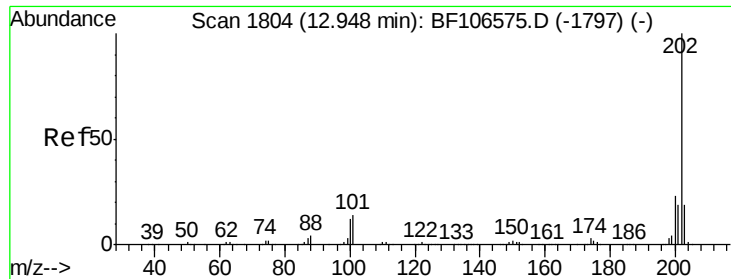


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 38.287 ng

RT: 12.93 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB110949BS

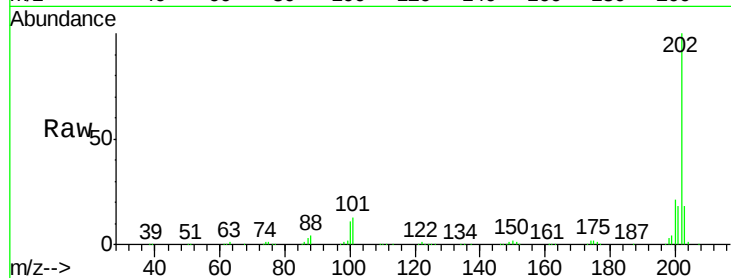
Tgt Ion:202 Resp: 400039

Ion Ratio Lower Upper

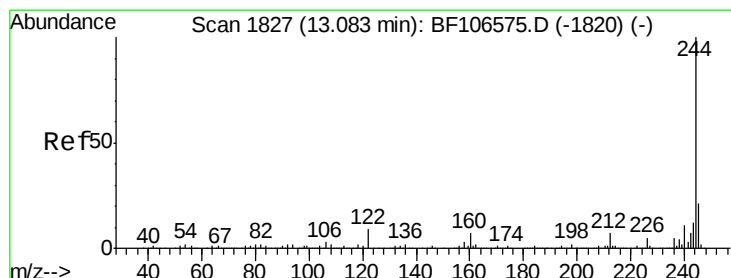
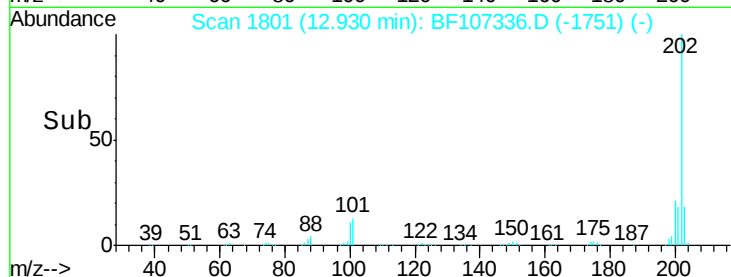
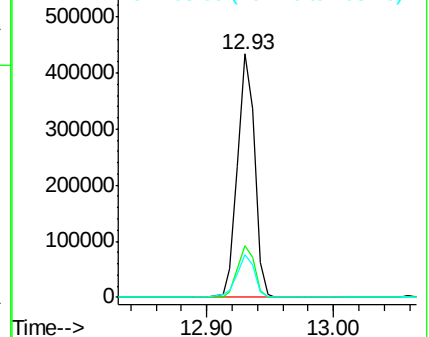
202 100

200 21.4 17.4 26.2

203 17.7 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 92.556 ng

RT: 13.06 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

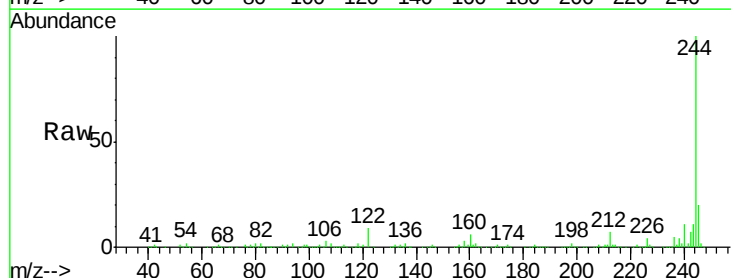
Tgt Ion:244 Resp: 605424

Ion Ratio Lower Upper

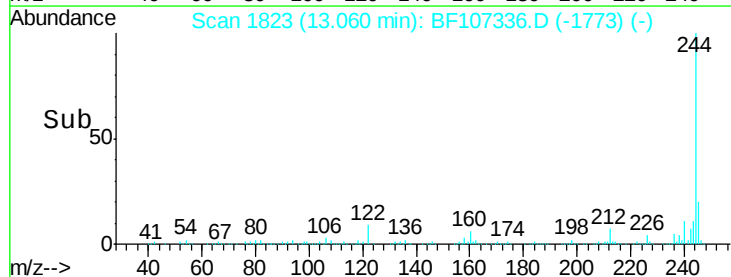
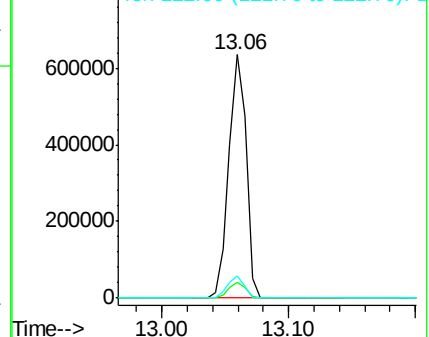
244 100

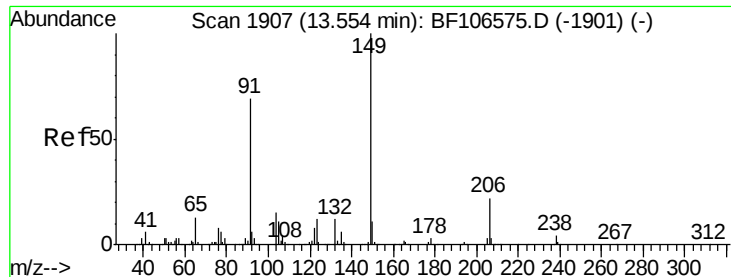
212 6.6 5.4 8.0

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

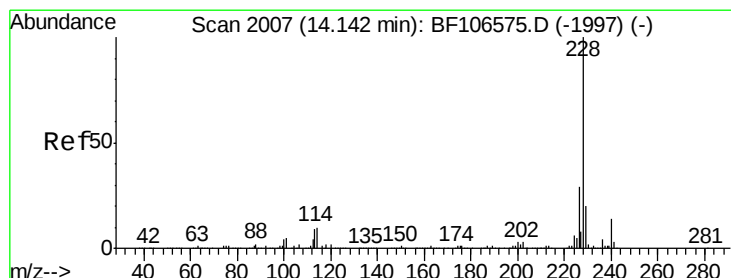
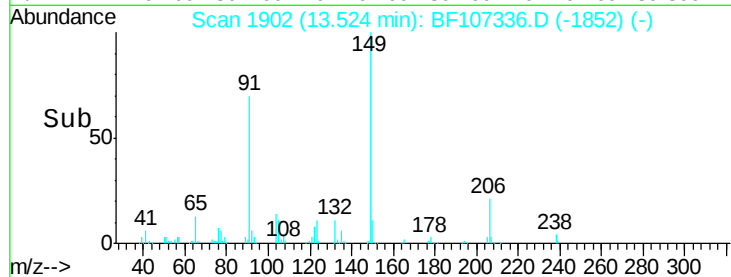
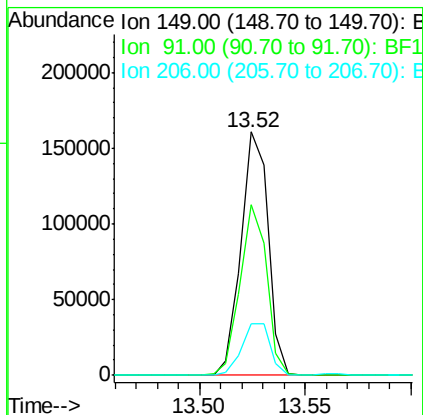
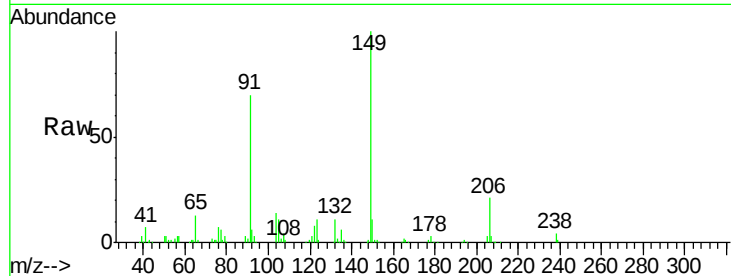




#79
Butylbenzylphthalate
Concen: 33.468 ng
RT: 13.52 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

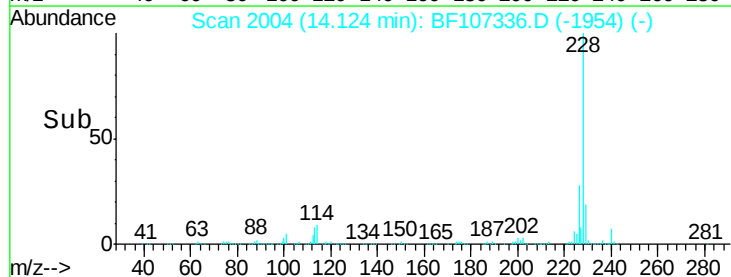
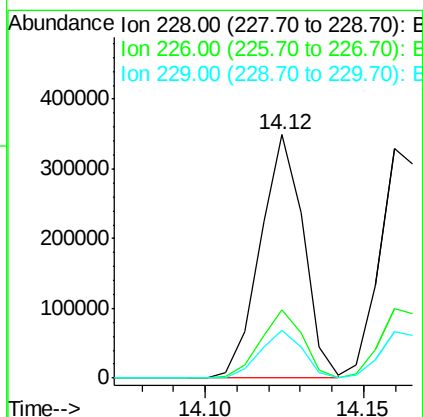
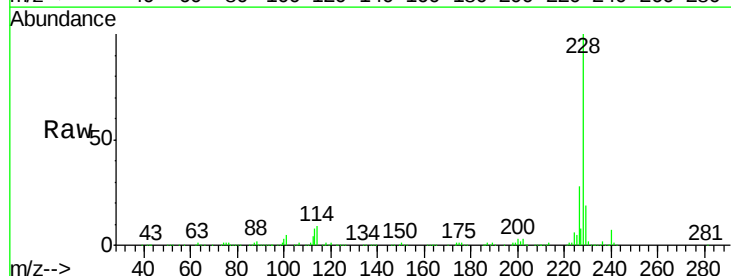
Instrument :
BNA_F
ClientSampleId :
PB110949BS

Tgt Ion:149 Resp: 143773
Ion Ratio Lower Upper
149 100
91 70.3 56.8 85.2
206 21.5 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 34.162 ng
RT: 14.12 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Tgt Ion:228 Resp: 329896
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 19.4 15.8 23.6

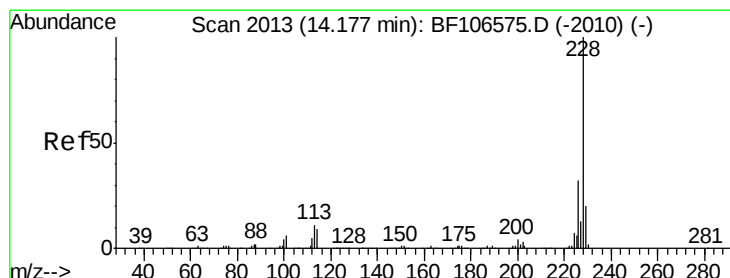
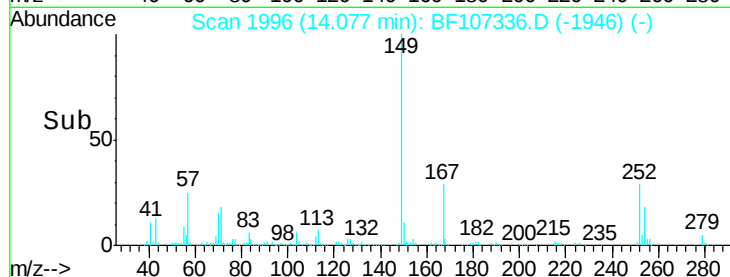
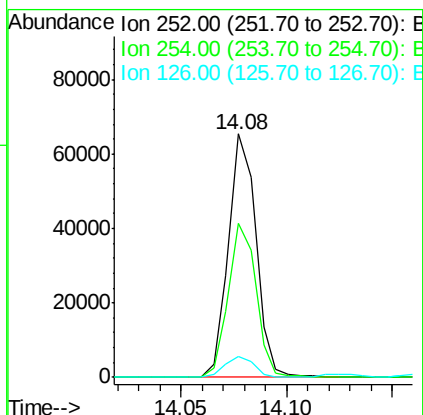
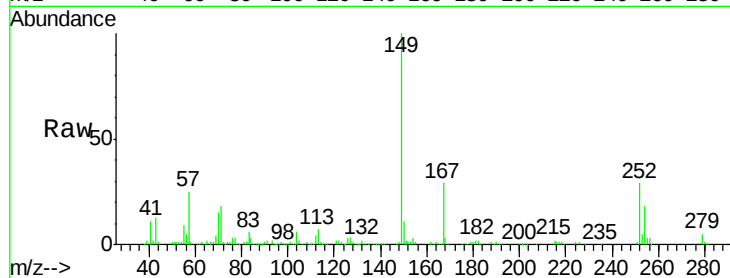




#81
 3,3'-Dichlorobenzidine
 Concen: 17.439 ng
 RT: 14.08 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

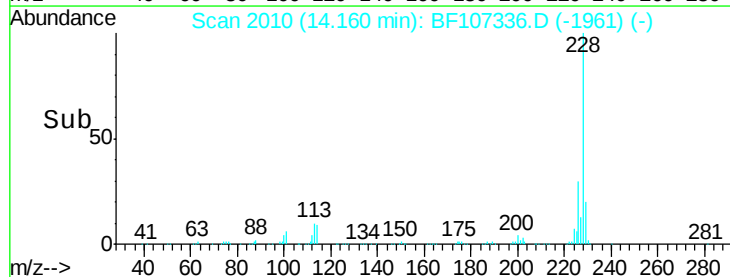
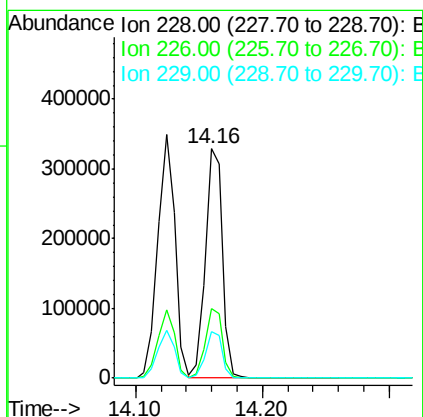
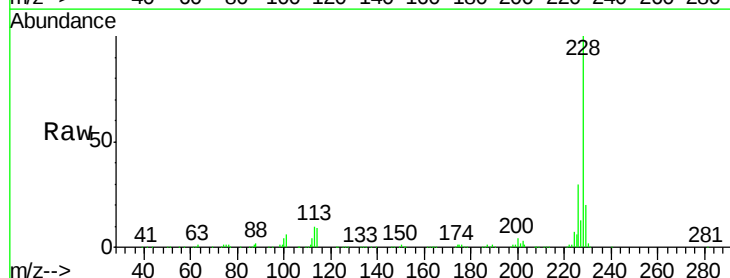
Instrument :
 BNA_F
 ClientSampleId :
 PB110949BS

Tgt Ion:252 Resp: 59189
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.4 75.6
 126 8.6 11.3 16.9#



#82
 Chrysene
 Concen: 34.838 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Tgt Ion:228 Resp: 309510
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.0 37.6
 229 20.1 16.2 24.4

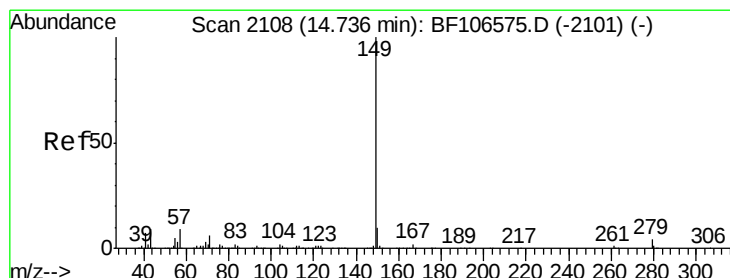
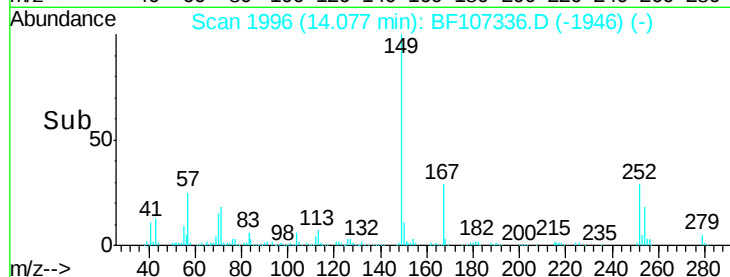
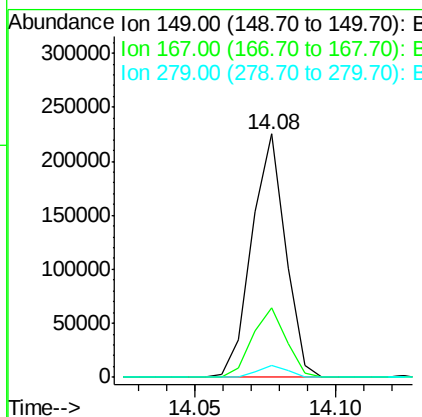
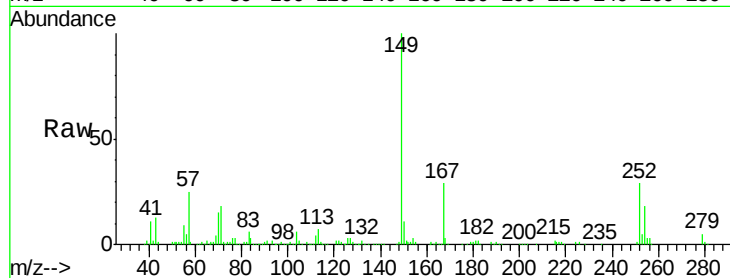




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.039 ng
 RT: 14.08 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

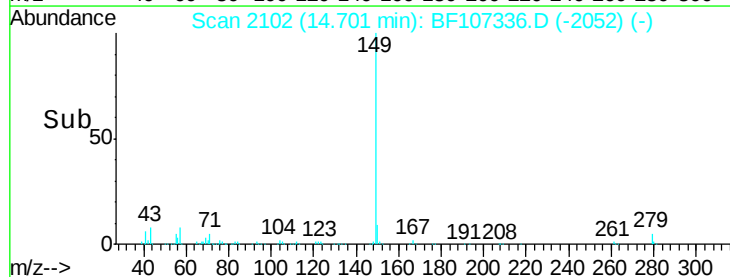
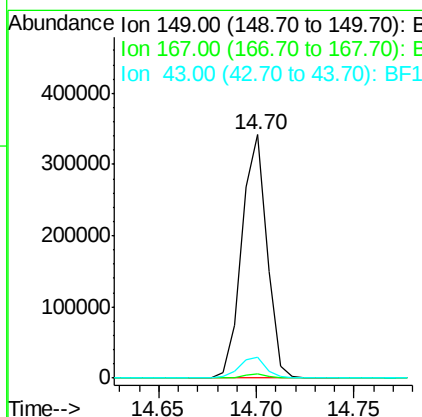
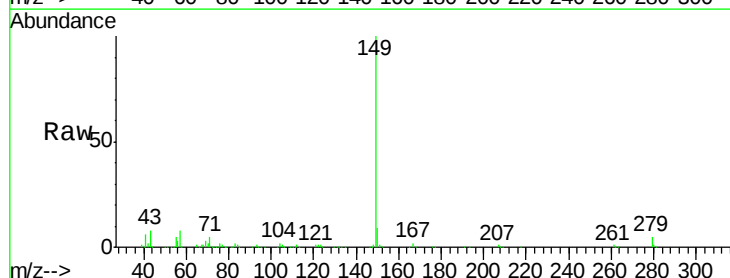
Instrument :
 BNA_F
 ClientSampleId :
 PB110949BS

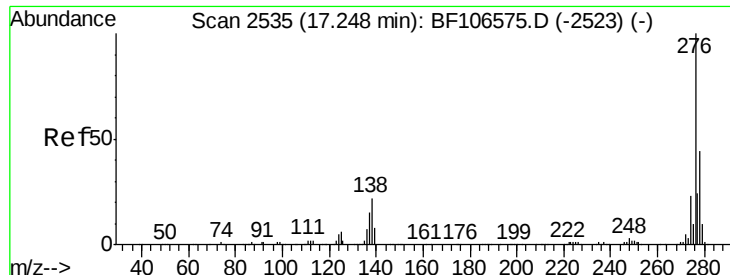
Tgt Ion:149 Resp: 186948
 Ion Ratio Lower Upper
 149 100
 167 28.7 21.3 31.9
 279 4.8 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 33.939 ng
 RT: 14.70 min Scan# 2102
 Delta R.T. -0.01 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Tgt Ion:149 Resp: 303840
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8
 43 8.7 8.4 12.6

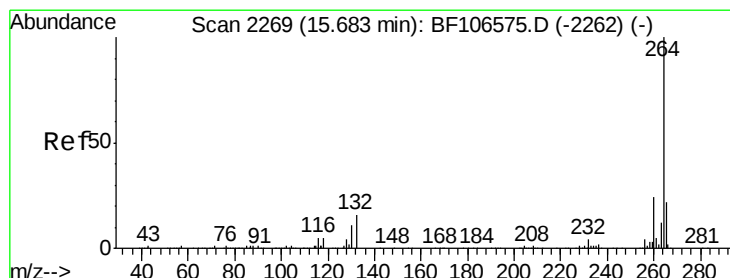
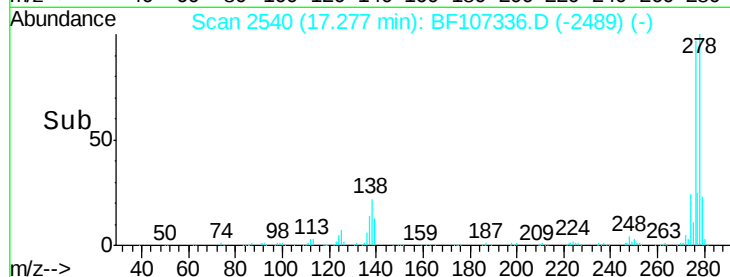
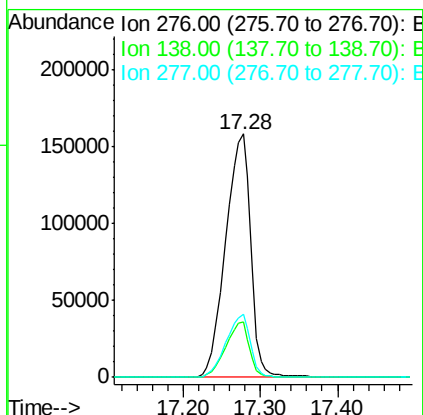
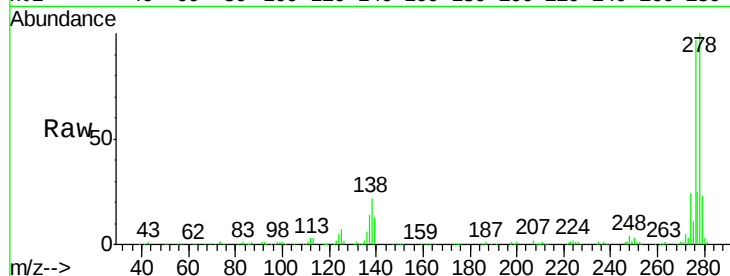




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.707 ng
 RT: 17.28 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

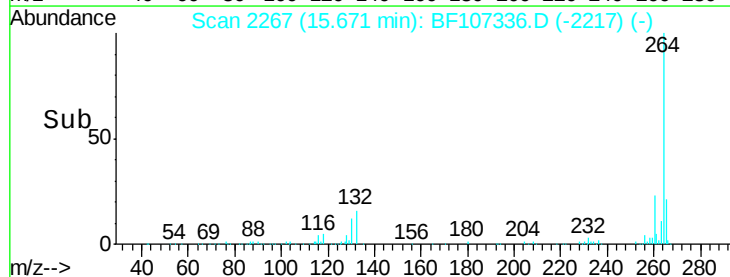
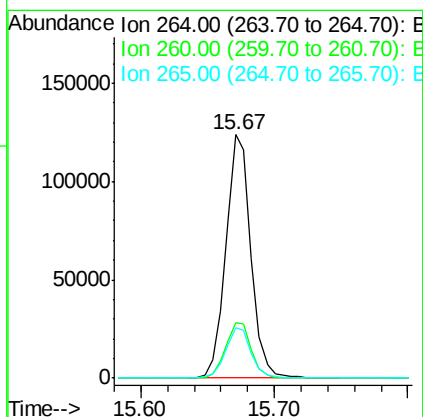
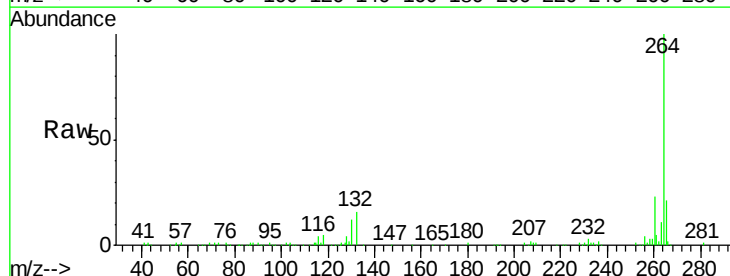
Instrument :
 BNA_F
 ClientSampleId :
 PB110949BS

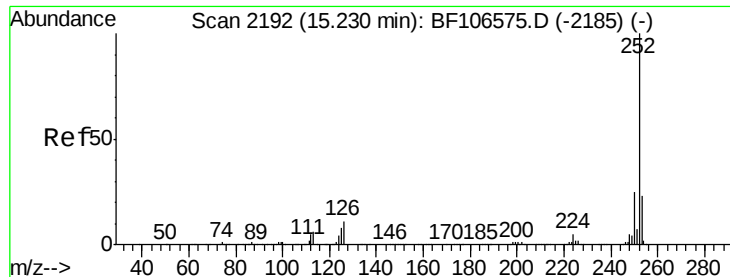
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.4	25.0	37.6#
277	25.2	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.8	17.5	26.3

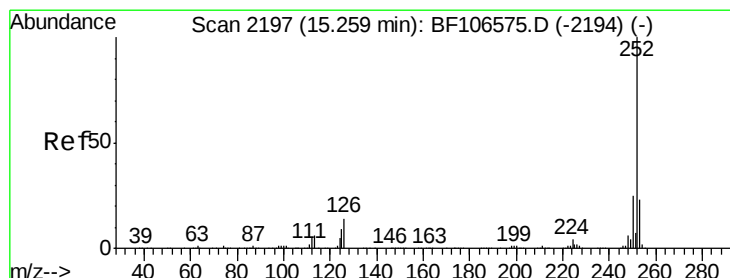
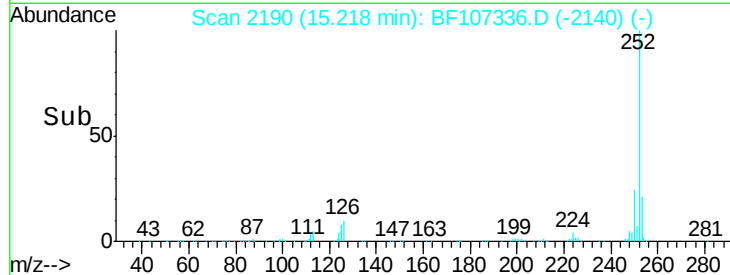
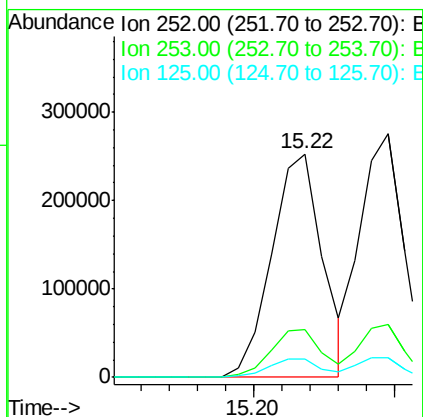
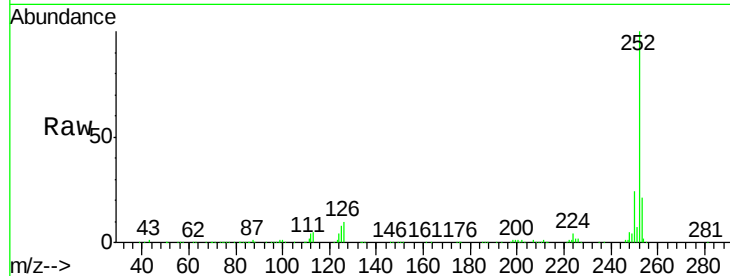




#87
Benzo(b)fluoranthene
Concen: 31.350 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

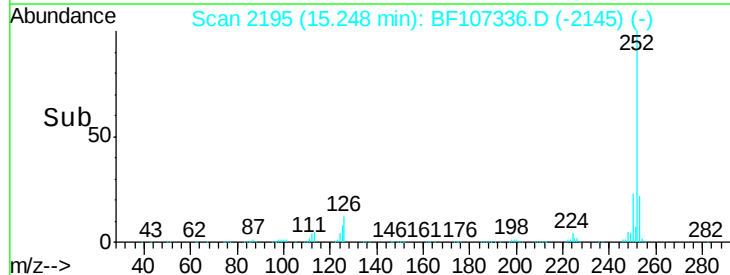
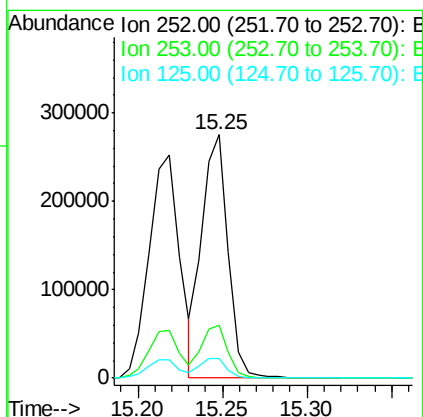
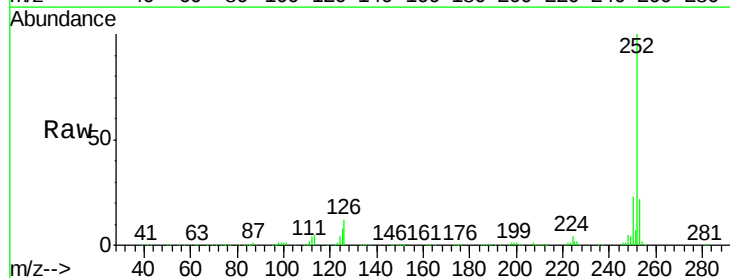
Instrument :
BNA_F
ClientSampleId :
PB110949BS

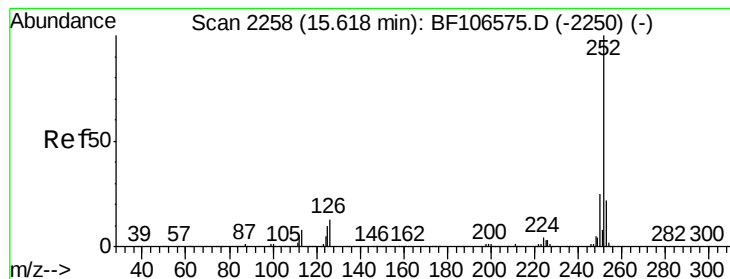
Tgt Ion:252 Resp: 315821
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.6
125 8.0 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 30.813 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Tgt Ion:252 Resp: 295599
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 7.8 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 34.117 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB110949BS

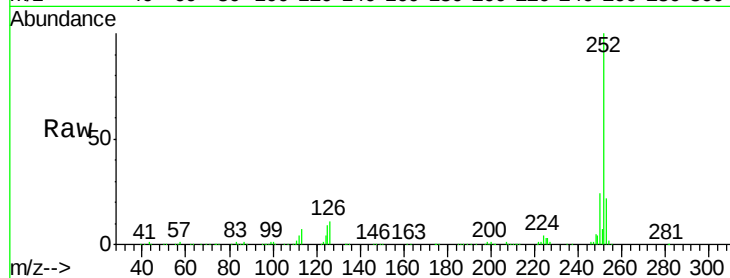
Tgt Ion:252 Resp: 305533

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

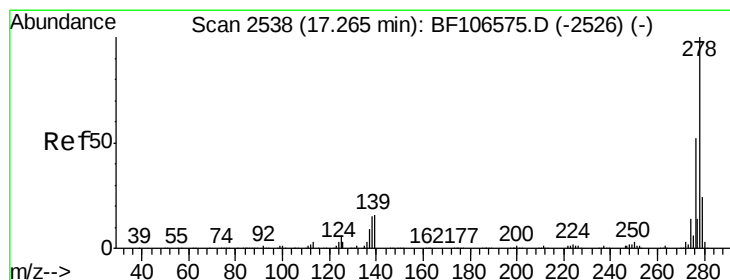
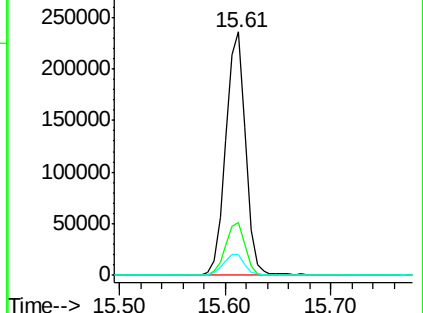
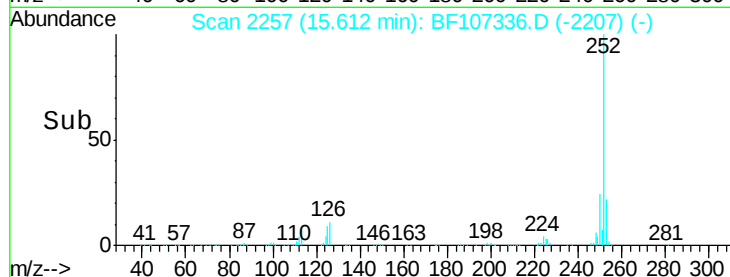
125 8.6 9.8 14.6#



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: 39.287 ng

RT: 17.28 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

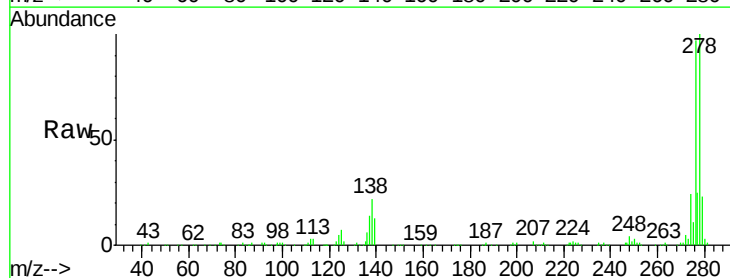
Tgt Ion:278 Resp: 298181

Ion Ratio Lower Upper

278 100

139 13.3 15.9 23.9#

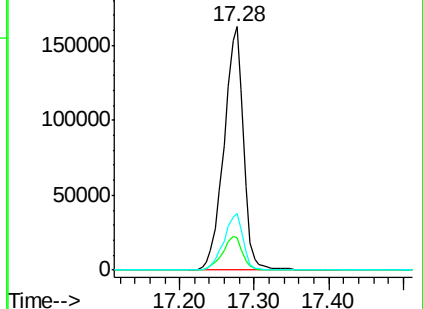
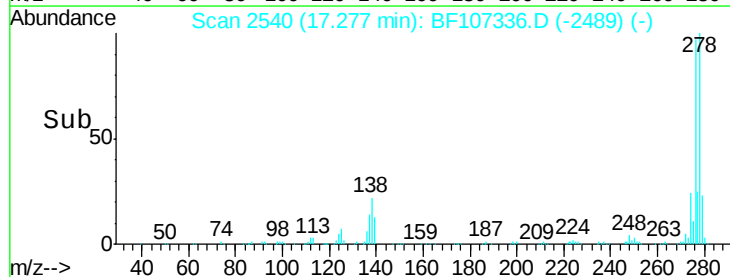
279 23.2 19.0 28.4

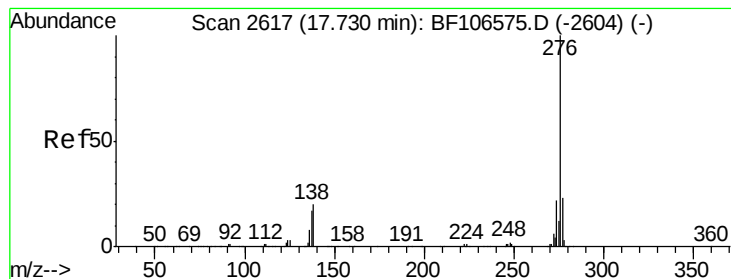


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.902 ng

RT: 17.75 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BF107336.D

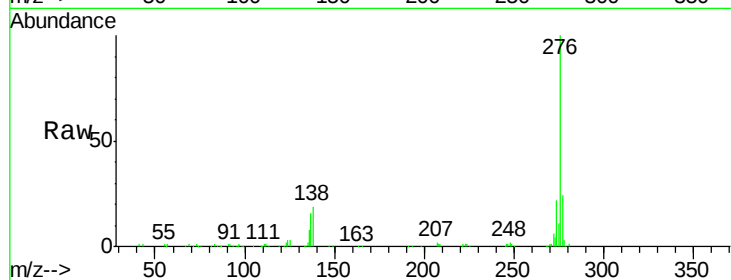
Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB110949BS



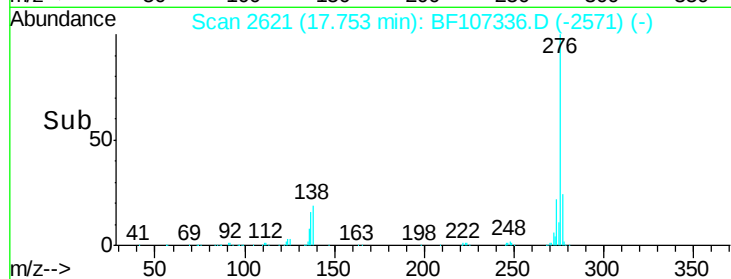
Tgt Ion:276 Resp: 310846

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 18.7 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

