

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071218\
 Data File : BF107335.D
 Acq On : 12 Jul 2018 13:37
 Operator : JU/SJ
 Sample : PB110879BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Quant Time: Jul 12 15:13:24 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	60205	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	236399	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	123216	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	236410	20.00	ng	0.00
75) Chrysene-d12	14.14	240	162949	20.00	ng	0.00
86) Perylene-d12	15.67	264	174850	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	417282	117.36	ng	0.02
7) Phenol-d6	6.58	99	514426	115.86	ng	0.00
23) Nitrobenzene-d5	7.50	82	338891	79.67	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	166081	116.29	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	623606	85.80	ng	0.00
78) Terphenyl-d14	13.06	244	675589	100.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	55778	30.515	ng	99
3) Pyridine	3.61	79	163151	32.911	ng	98
4) n-Nitrosodimethylamine	3.58	42	70164	33.324	ng	84
6) Aniline	6.60	93	156661	26.011	ng	# 48
8) 2-Chlorophenol	6.72	128	154949	39.734	ng	98
9) Benzaldehyde	6.49	77	57961	16.360	ng	97
10) Phenol	6.60	94	188633	37.227	ng	76
11) bis(2-Chloroethyl)ether	6.67	93	156651	37.448	ng	99
12) 1,3-Dichlorobenzene	6.87	146	178045	38.982	ng	99
13) 1,4-Dichlorobenzene	6.95	146	181074	39.214	ng	98
14) 1,2-Dichlorobenzene	7.10	146	169658	40.090	ng	98
15) Benzyl Alcohol	7.08	79	127890	35.872	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	217491	39.627	ng	# 40
17) 2-Methylphenol	7.20	107	132483	39.698	ng	# 90
18) Hexachloroethane	7.44	117	62348	38.396	ng	# 84
19) n-Nitroso-di-n-propylamine	7.34	70	109747	37.498	ng	93
20) 3+4-Methylphenols	7.35	107	171749	48.840	ng	# 81
22) Acetophenone	7.34	105	218755	41.362	ng	# 99
24) Nitrobenzene	7.52	77	171176	39.415	ng	99
25) Isophorone	7.75	82	314971	42.020	ng	98
26) 2-Nitrophenol	7.84	139	90391	44.089	ng	94
27) 2,4-Dimethylphenol	7.87	122	145750	45.994	ng	98
28) bis(2-Chloroethoxy)methane	7.95	93	200926	39.923	ng	98
29) 2,4-Dichlorophenol	8.08	162	148600	44.792	ng	95
30) 1,2,4-Trichlorobenzene	8.15	180	159889	43.749	ng	97
31) Naphthalene	8.24	128	457804	41.421	ng	99
32) Benzoic acid	8.02	122	66180	31.014	ng	97
33) 4-Chloroaniline	8.29	127	89730	19.349	ng	99
34) Hexachlorobutadiene	8.34	225	105935	44.484	ng	98
35) Caprolactam	8.68	113	31944	29.539	ng	96
36) 4-Chloro-3-methylphenol	8.79	107	147088	42.122	ng	99
37) 2-Methylnaphthalene	8.93	142	339663	46.365	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	178770	43.082	ng	# 96
40) Hexachlorocyclopentadiene	9.07	237	56832	26.620	ng	97

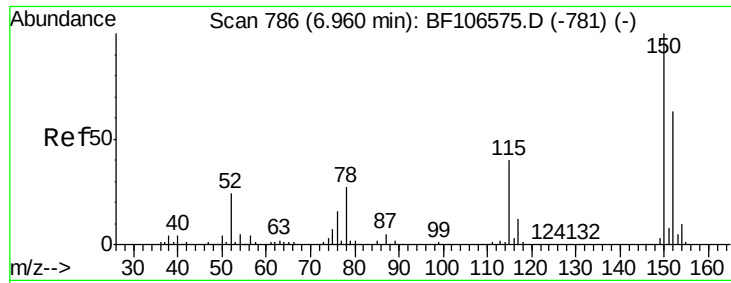
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071218\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	94213	34.157	ng	94
43) 2,4,5-Trichlorophenol	9.27	196	93729	32.566	ng	90
45) 1,1'-Biphenyl	9.40	154	407542	41.502	ng	97
46) 2-Chloronaphthalene	9.42	162	300381	38.861	ng	96
47) 2-Nitroaniline	9.53	65	91656	35.263	ng	95
48) Acenaphthylene	9.84	152	460028	37.697	ng	98
49) Dimethylphthalate	9.70	163	336297	36.390	ng	98
50) 2,6-Dinitrotoluene	9.77	165	81244	41.517	ng	95
51) Acenaphthene	10.01	154	284293	36.995	ng	97
52) 3-Nitroaniline	9.95	138	47414	21.056	ng	94
53) 2,4-Dinitrophenol	10.07	184	47269	48.703	ng #	19
54) Dibenzofuran	10.19	168	417970	39.721	ng	96
55) 4-Nitrophenol	10.14	139	30201	19.214	ng	94
56) 2,4-Dinitrotoluene	10.19	165	95354	37.331	ng #	93
57) Fluorene	10.54	166	345629	41.393	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	67883	29.671	ng #	75
59) Diethylphthalate	10.40	149	329065	36.893	ng #	93
60) 4-Chlorophenyl-phenylether	10.52	204	181608	41.568	ng #	84
61) 4-Nitroaniline	10.57	138	70946	31.745	ng	95
62) Azobenzene	10.68	77	321492	36.602	ng	90
64) 4,6-Dinitro-2-methylphenol	10.61	198	49732	34.031	ng #	70
65) n-Nitrosodiphenylamine	10.64	169	295921	37.215	ng	99
66) 4-Bromophenyl-phenylether	11.01	248	121338	43.006	ng #	77
67) Hexachlorobenzene	11.09	284	130708	44.263	ng #	78
68) Atrazine	11.17	200	102848	40.686	ng	94
69) Pentachlorophenol	11.30	266	26487	17.976	ng	98
70) Phenanthrene	11.51	178	491945	43.143	ng	99
71) Anthracene	11.56	178	500278	42.984	ng	99
72) Carbazole	11.72	167	414562	38.045	ng	98
73) Di-n-butylphthalate	12.02	149	487101	37.945	ng	99
74) Fluoranthene	12.70	202	494111	39.315	ng	95
76) Benzidine	12.82	184	135062	29.104	ng	96
77) Pyrene	12.93	202	488503	45.462	ng	99
79) Butylbenzylphthalate	13.53	149	168004	38.028	ng #	89
80) Benzo(a)anthracene	14.12	228	411779	41.463	ng	99
81) 3,3'-Dichlorobenzidine	14.08	252	95591	27.387	ng #	95
82) Chrysene	14.17	228	387057	42.363	ng	100
83) Bis(2-ethylhexyl)phthalate	14.08	149	215413	38.138	ng #	97
84) Di-n-octyl phthalate	14.70	149	375493	40.784	ng	95
85) Indeno(1,2,3-cd)pyrene	17.28	276	501620	64.695	ng #	90
87) Benzo(b)fluoranthene	15.22	252	437725	40.300	ng #	96
88) Benzo(k)fluoranthene	15.25	252	403019	38.964	ng #	95
89) Benzo(a)pyrene	15.61	252	421457	43.648	ng #	96
90) Dibenzo(a,h)anthracene	17.28	278	417710	51.045	ng #	93
91) Benzo(g,h,i)perylene	17.76	276	436183	54.534	ng #	91

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

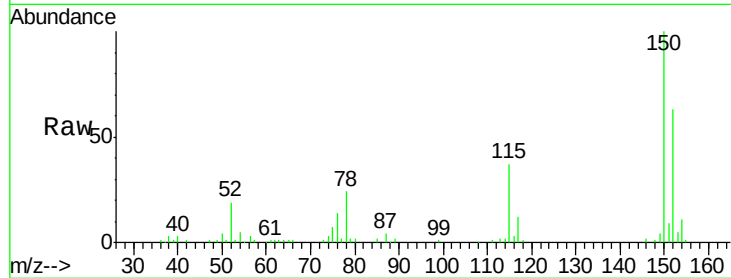


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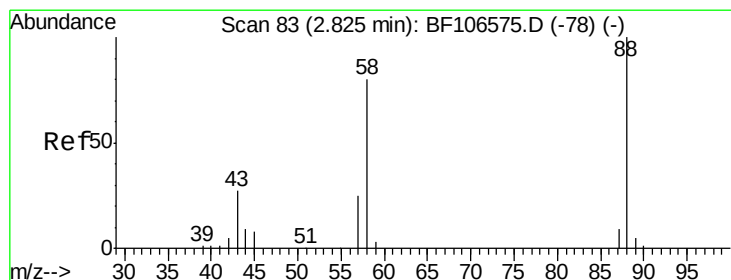
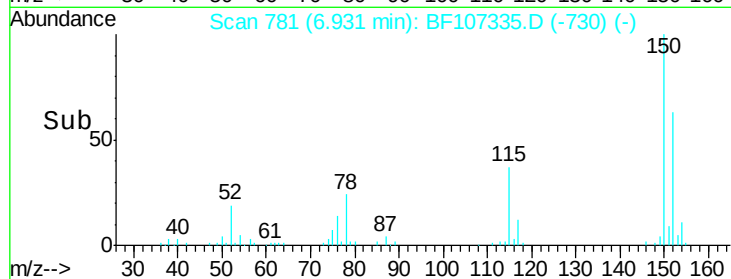
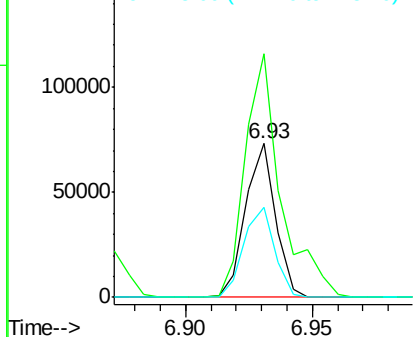
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tgt Ion:152 Resp: 60205
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 58.7 50.1 75.1



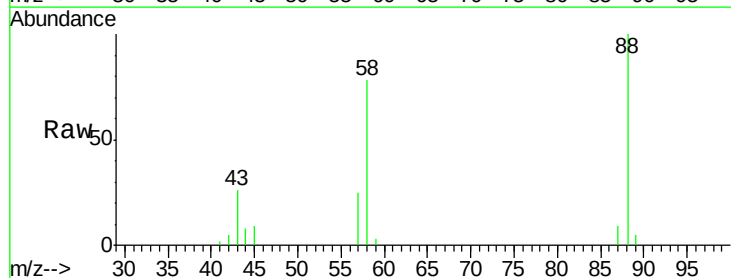
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



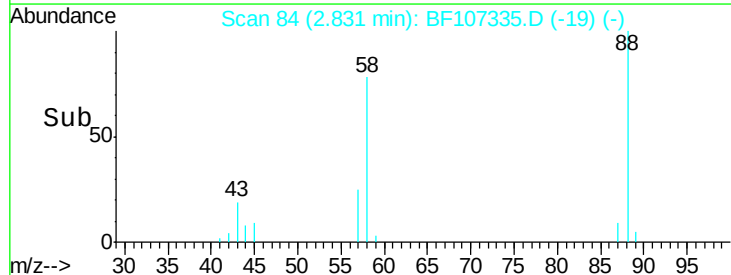
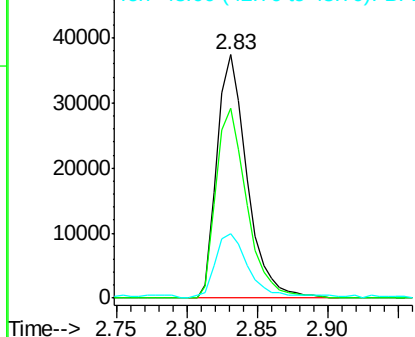
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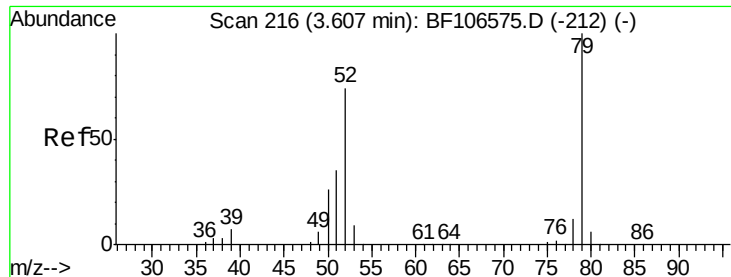
1,4-Dioxane
Concen: 30.515 ng
RT: 2.83 min Scan# 84
Delta R.T. 0.08 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

Tgt Ion: 88 Resp: 55778
Ion Ratio Lower Upper
88 100
58 79.7 62.6 93.8
43 30.6 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: 32.911 ng

RT: 3.61 min Scan# 217

Delta R.T. 0.07 min

Lab File: BF107335.D

Acq: 12 Jul 2018 13:37

Instrument :

BNA_F

ClientSampleId :

PB110879BS

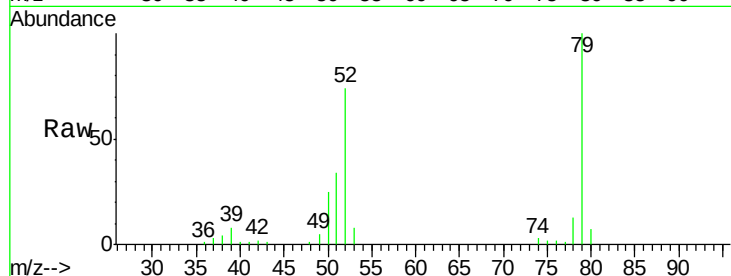
Tgt Ion: 79 Resp: 163151

Ion Ratio Lower Upper

79 100

52 74.4 59.8 89.6

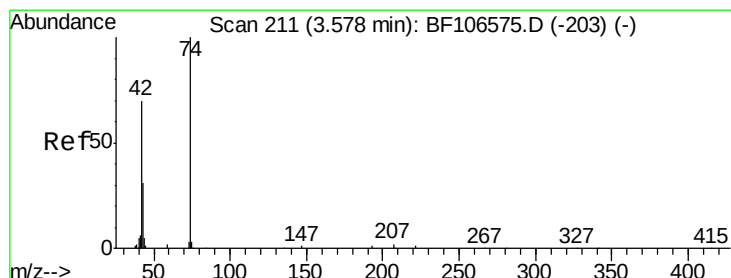
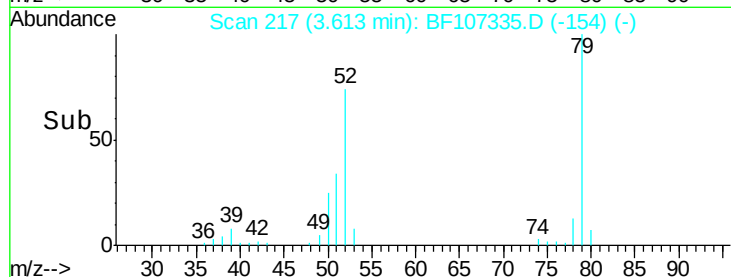
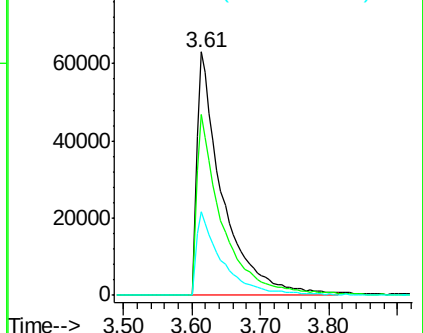
51 34.4 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 33.324 ng

RT: 3.58 min Scan# 211

Delta R.T. 0.06 min

Lab File: BF107335.D

Acq: 12 Jul 2018 13:37

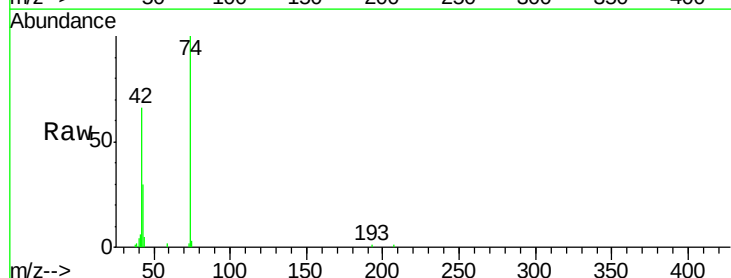
Tgt Ion: 42 Resp: 70164

Ion Ratio Lower Upper

42 100

74 150.5 104.9 157.3

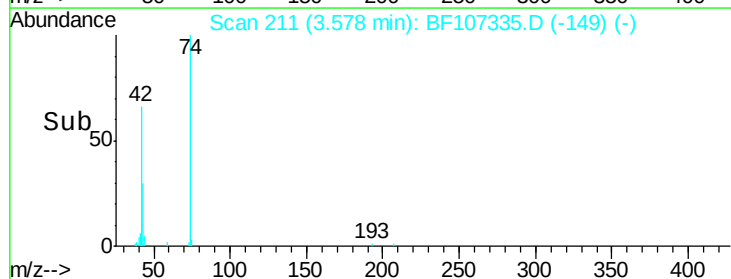
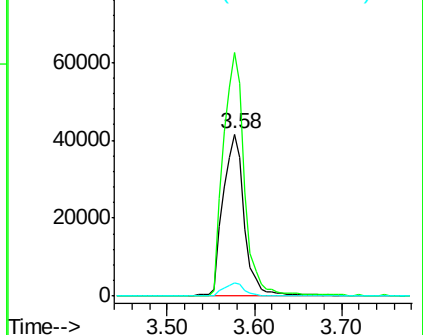
44 7.8 6.9 10.3

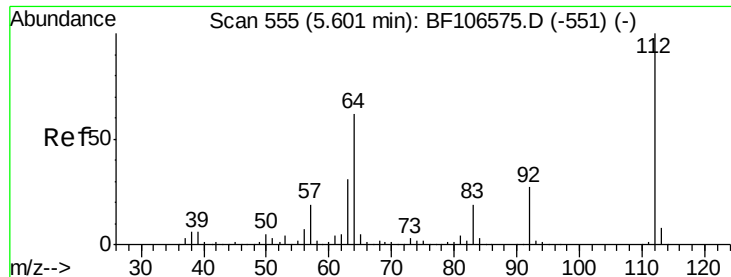


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 117.364 ng

RT: 5.58 min Scan# 552

Delta R.T. 0.02 min

Lab File: BF107335.D

Acq: 12 Jul 2018 13:37

Instrument :

BNA_F

ClientSampleId :

PB110879BS

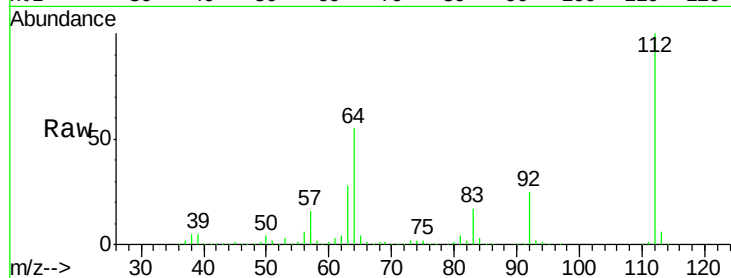
Tgt Ion: 112 Resp: 417282

Ion Ratio Lower Upper

112 100

64 55.4 47.9 71.9

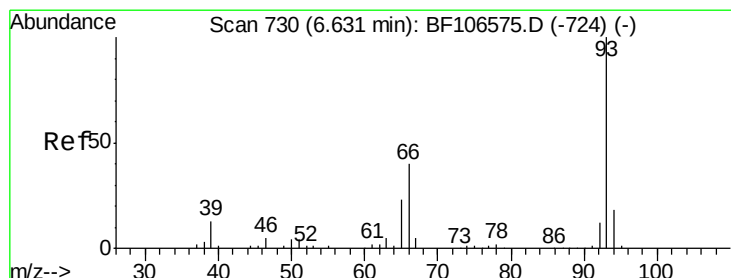
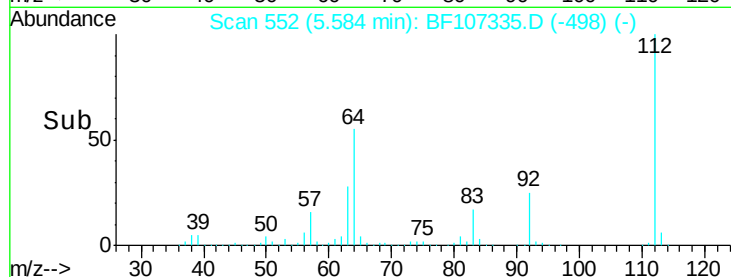
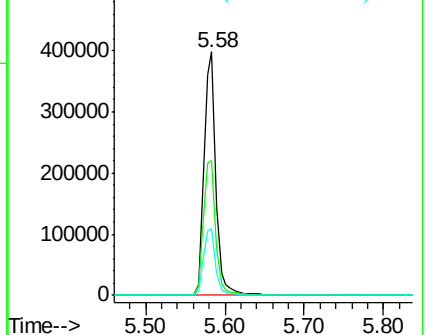
63 27.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.011 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF107335.D

Acq: 12 Jul 2018 13:37

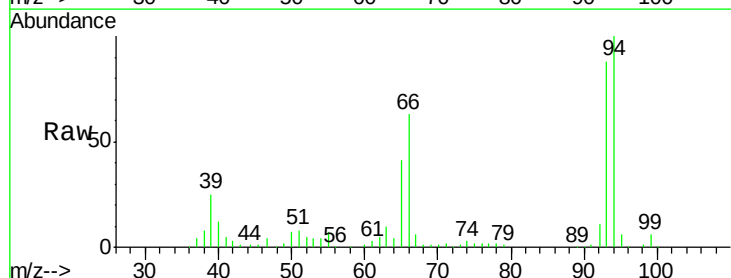
Tgt Ion: 93 Resp: 156661

Ion Ratio Lower Upper

93 100

66 71.0 32.2 48.2#

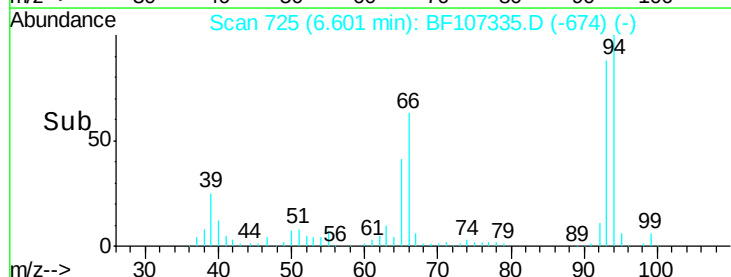
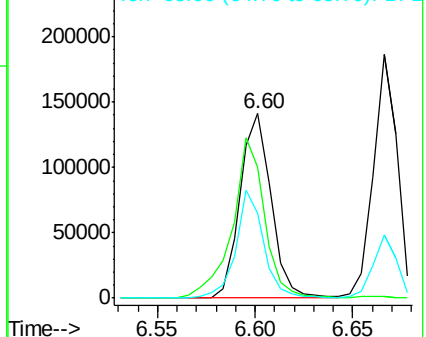
65 46.4 16.4 24.6#

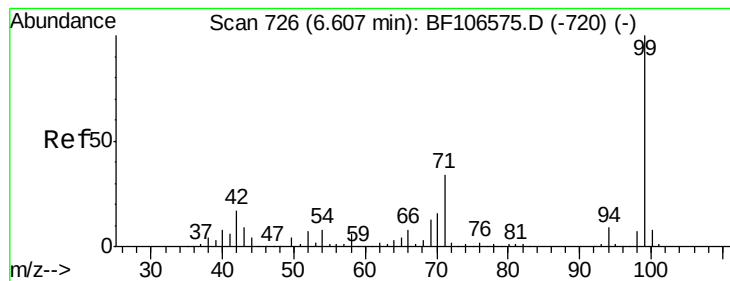


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 115.860 ng

RT: 6.58 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF107335.D

Acq: 12 Jul 2018 13:37

Instrument :

BNA_F

ClientSampleId :

PB110879BS

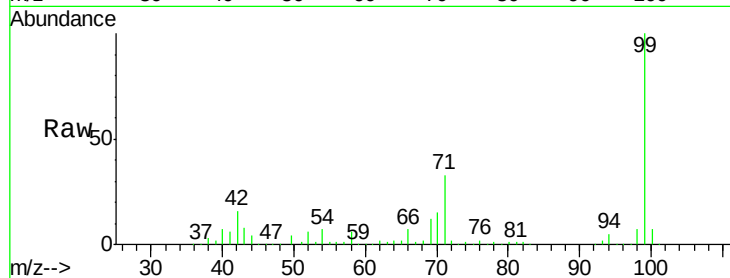
Tgt Ion: 99 Resp: 514426

Ion Ratio Lower Upper

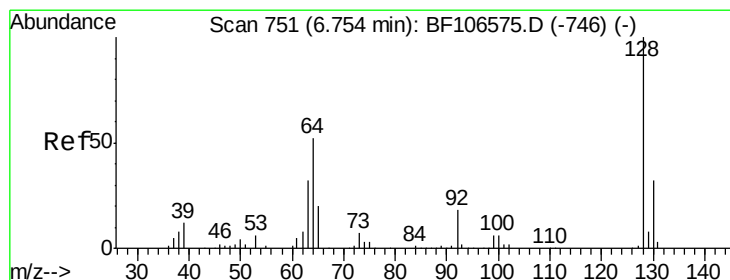
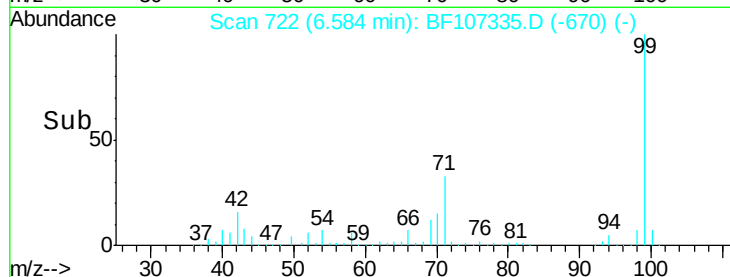
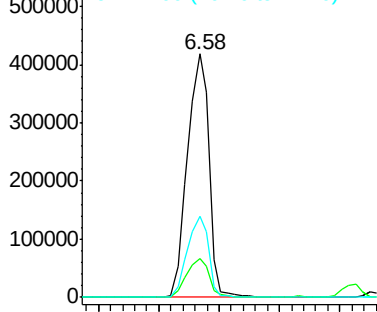
99 100

42 16.1 14.5 21.7

71 33.3 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: 39.734 ng

RT: 6.72 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF107335.D

Acq: 12 Jul 2018 13:37

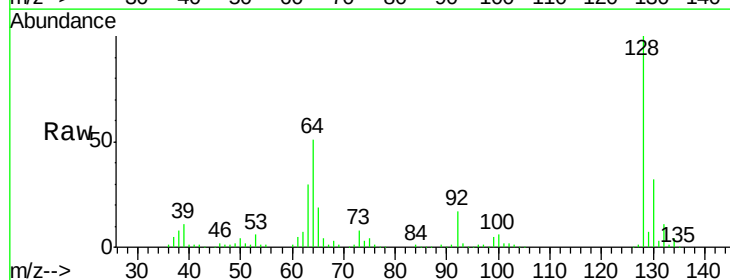
Tgt Ion: 128 Resp: 154949

Ion Ratio Lower Upper

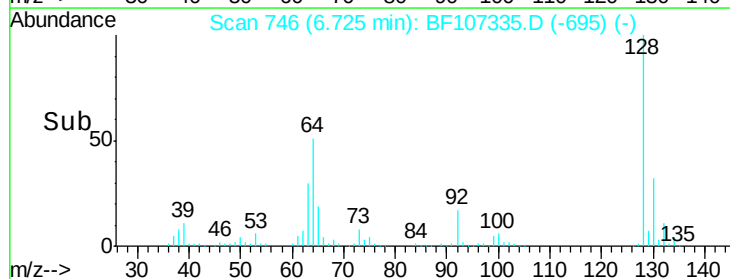
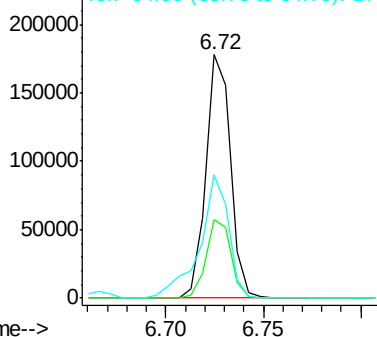
128 100

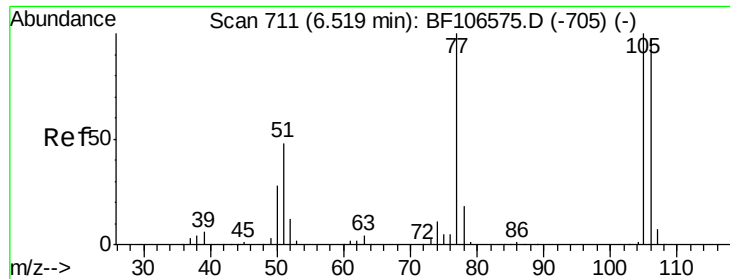
130 32.3 13.0 53.0

64 50.8 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

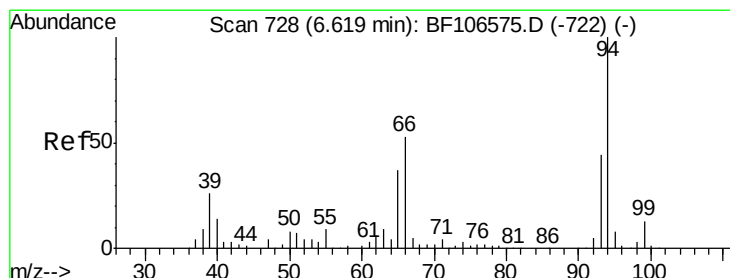
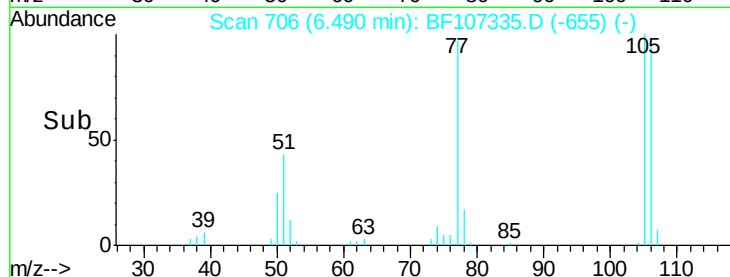
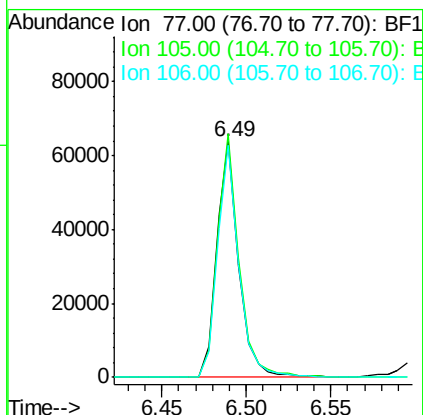
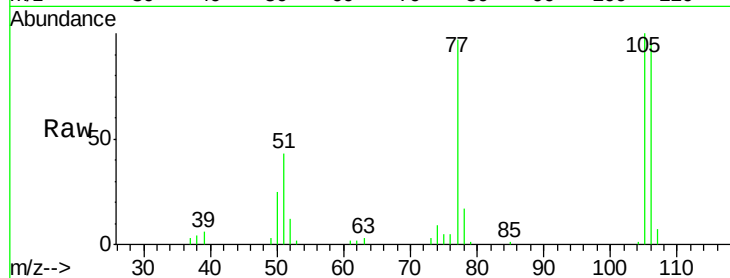




#9
Benzaldehyde
Concen: 16.360 ng
RT: 6.49 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

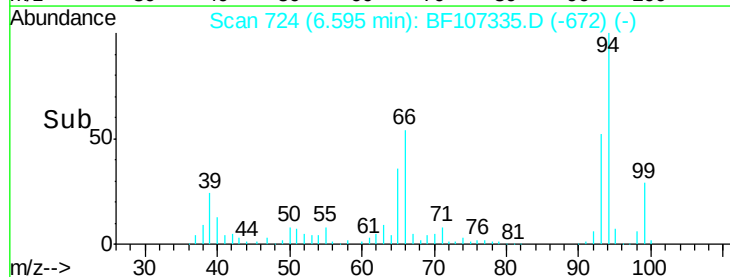
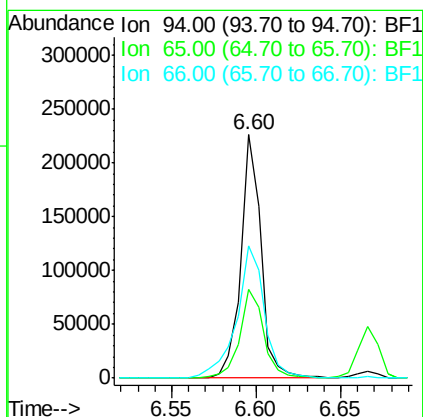
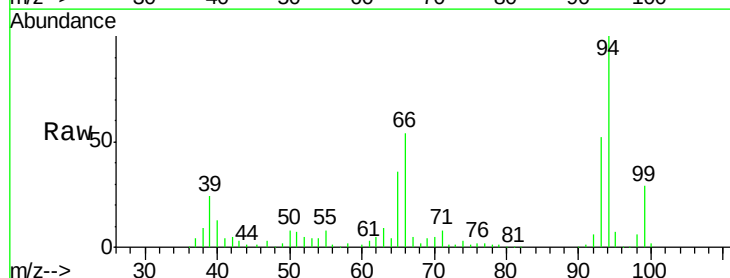
Instrument :
BNA_F
ClientSampleId :
PB110879BS

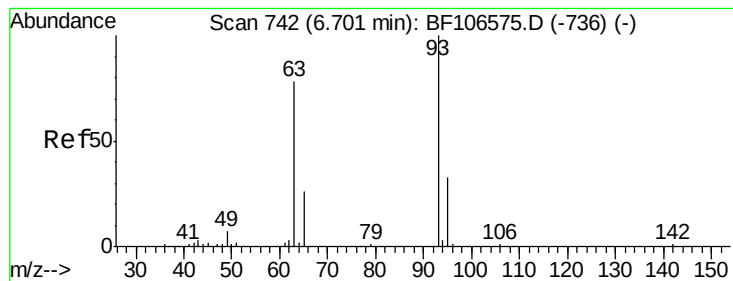
Tgt Ion: 77 Resp: 57961
Ion Ratio Lower Upper
77 100
105 103.4 81.1 121.1
106 98.6 74.5 114.5



#10
Phenol
Concen: 37.227 ng
RT: 6.60 min Scan# 724
Delta R.T. 0.01 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

Tgt Ion: 94 Resp: 188633
Ion Ratio Lower Upper
94 100
65 36.5 7.9 47.9
66 54.1 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 37.448 ng

RT: 6.67 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF107335.D

Acq: 12 Jul 2018 13:37

Instrument :

BNA_F

ClientSampleId :

PB110879BS

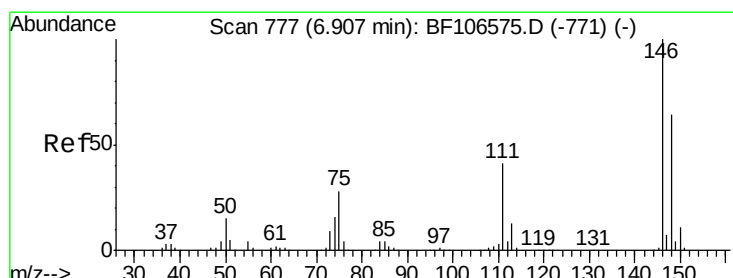
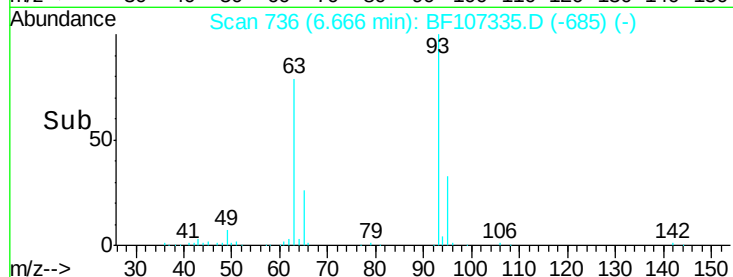
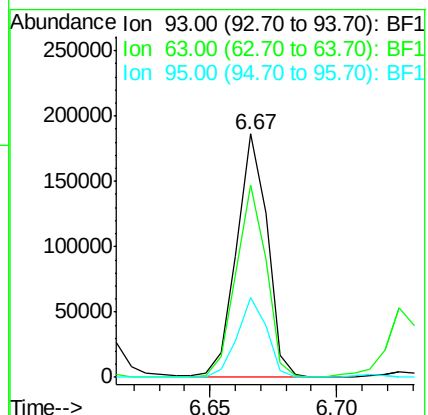
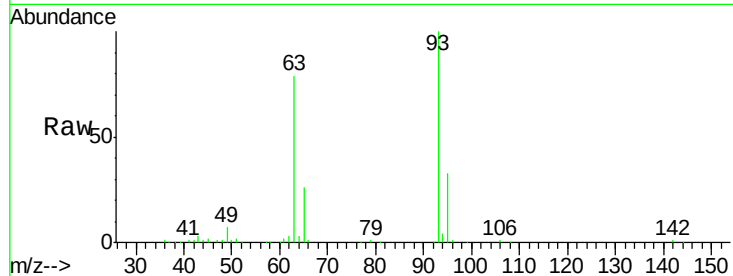
Tgt Ion: 93 Resp: 156651

Ion Ratio Lower Upper

93 100

63 79.2 58.6 98.6

95 32.6 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 38.982 ng

RT: 6.87 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF107335.D

Acq: 12 Jul 2018 13:37

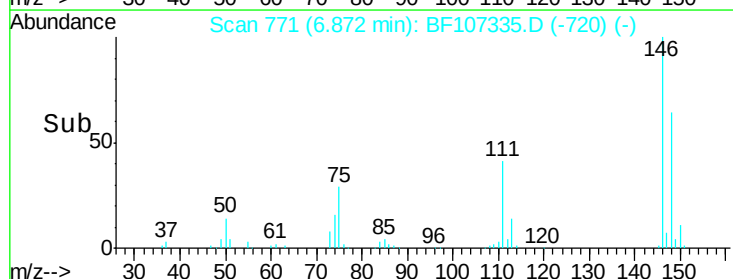
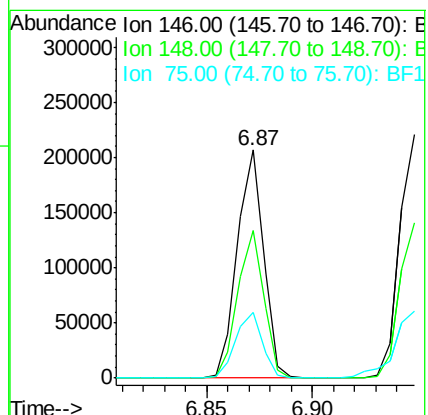
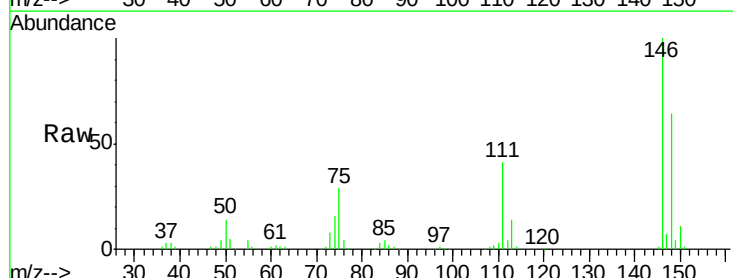
Tgt Ion: 146 Resp: 178045

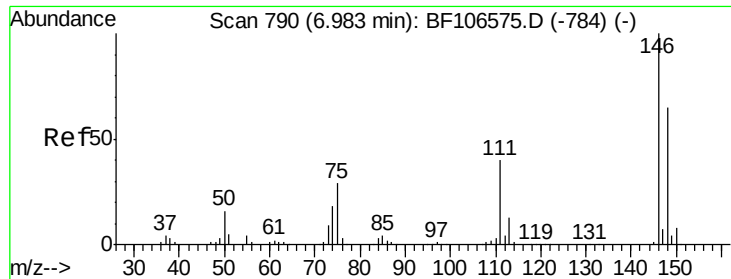
Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.8

75 28.8 24.2 36.4

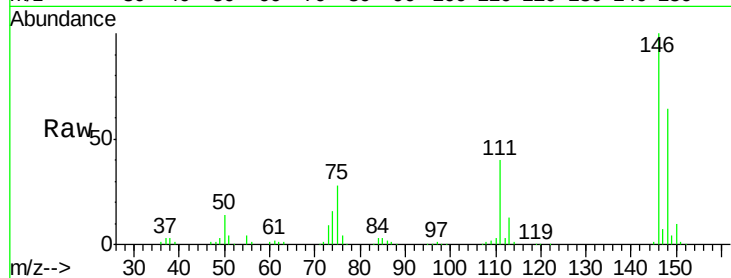




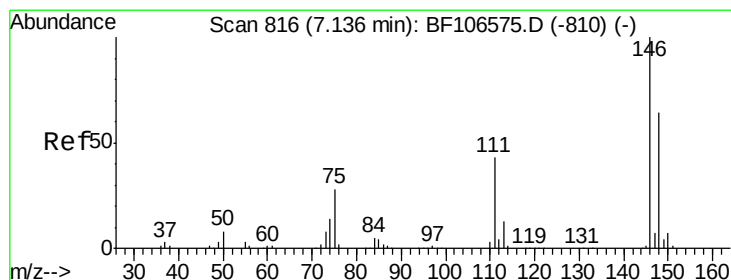
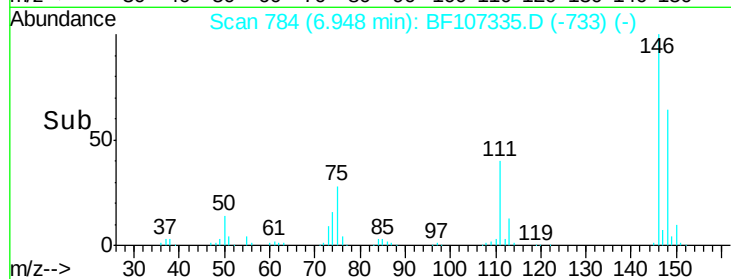
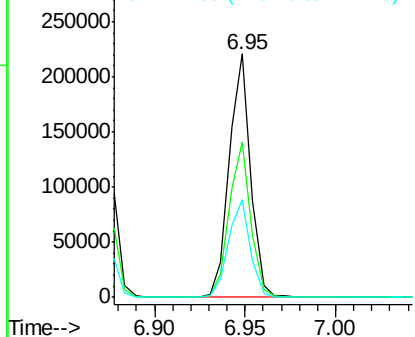
#13
 1,4-Dichlorobenzene
 Concen: 39.214 ng
 RT: 6.95 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF107335.D
 Acq: 12 Jul 2018 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tgt Ion:146 Resp: 181074
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 40.0 34.2 51.2

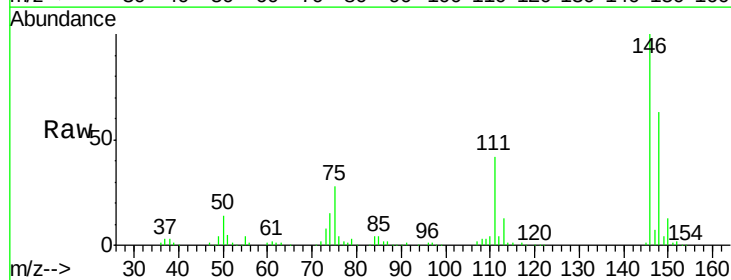


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

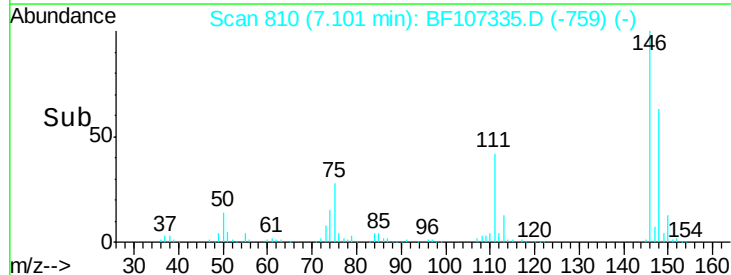
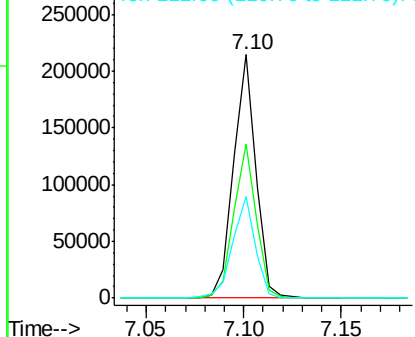


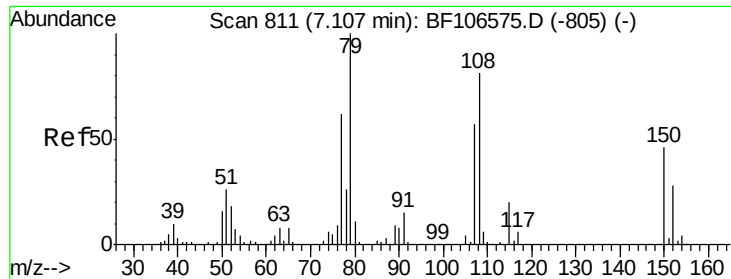
#14
 1,2-Dichlorobenzene
 Concen: 40.090 ng
 RT: 7.10 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF107335.D
 Acq: 12 Jul 2018 13:37

Tgt Ion:146 Resp: 169658
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.6 75.8
 111 41.9 36.0 54.0



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

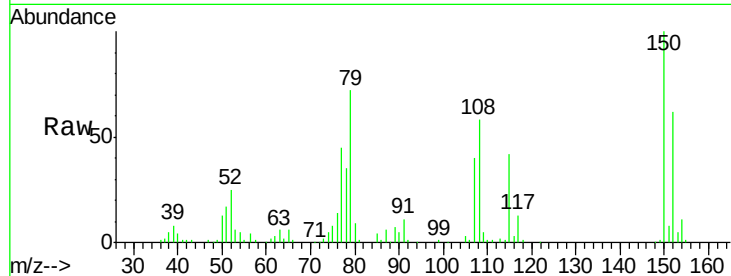




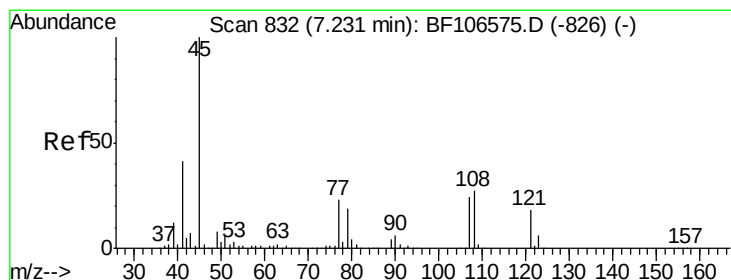
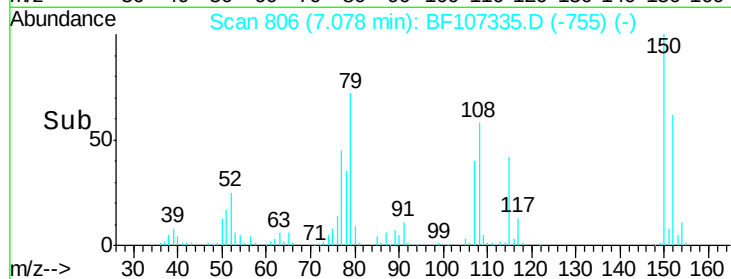
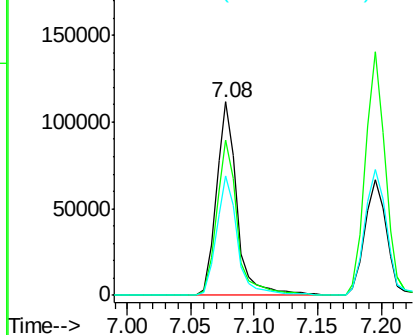
#15
Benzyl Alcohol
Concen: 35.872 ng
RT: 7.08 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tgt Ion: 79 Resp: 127890
Ion Ratio Lower Upper
79 100
108 80.4 65.1 97.7
77 62.0 50.6 75.8

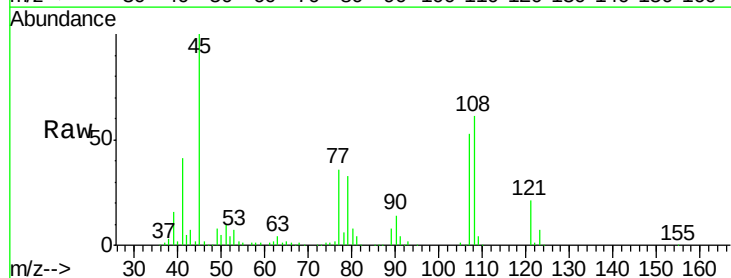


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

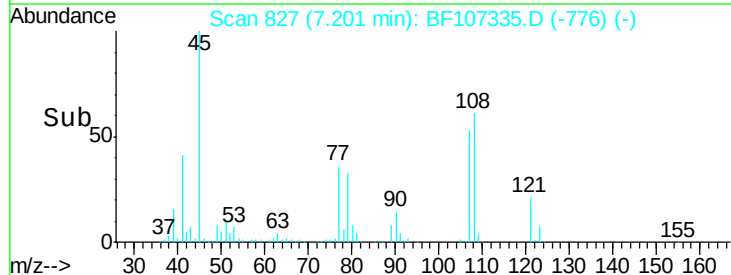
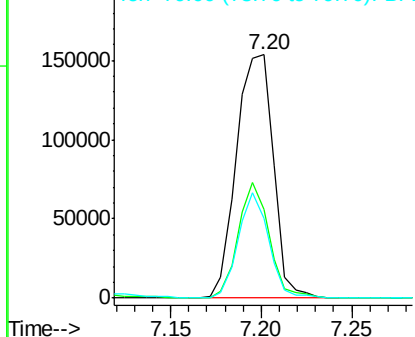


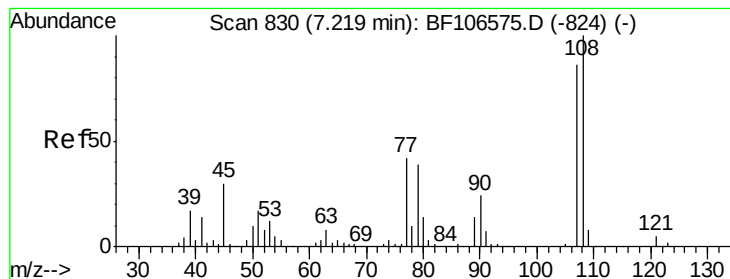
#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.627 ng
RT: 7.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

Tgt Ion: 45 Resp: 217491
Ion Ratio Lower Upper
45 100
77 36.2 0.0 32.9#
79 32.6 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: 39.698 ng

RT: 7.20 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF107335.D

Acq: 12 Jul 2018 13:37

Instrument :

BNA_F

ClientSampleId :

PB110879BS

Tgt Ion:107 Resp: 132483

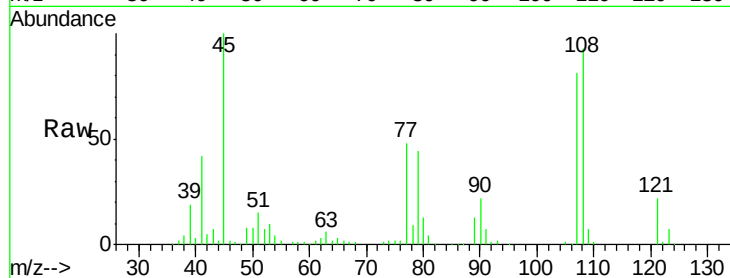
Ion Ratio Lower Upper

107 100

108 114.7 91.7 137.5

77 59.5 33.8 50.8#

79 54.2 33.8 50.8#

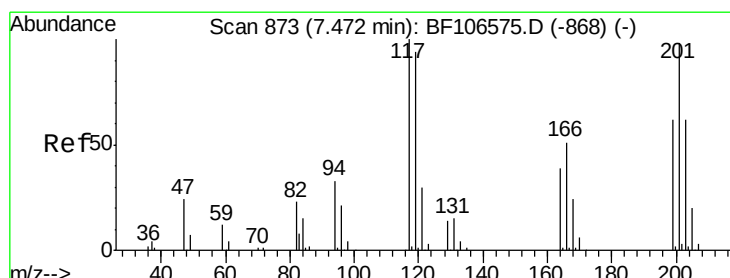
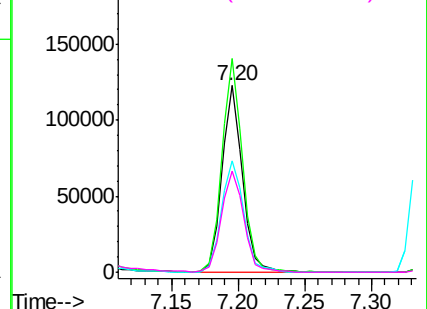
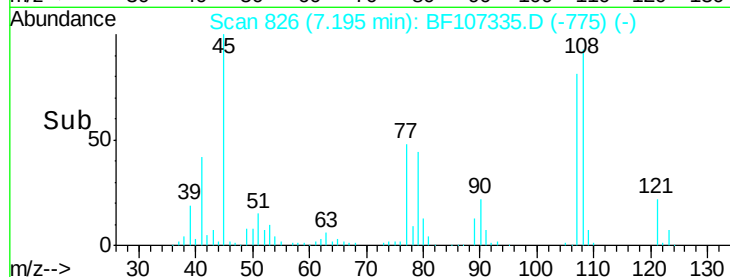


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.396 ng

RT: 7.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: BF107335.D

Acq: 12 Jul 2018 13:37

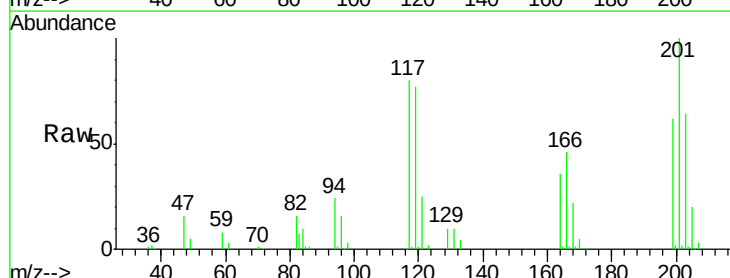
Tgt Ion:117 Resp: 62348

Ion Ratio Lower Upper

117 100

119 95.4 75.8 113.8

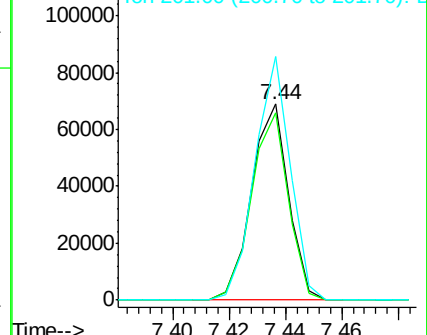
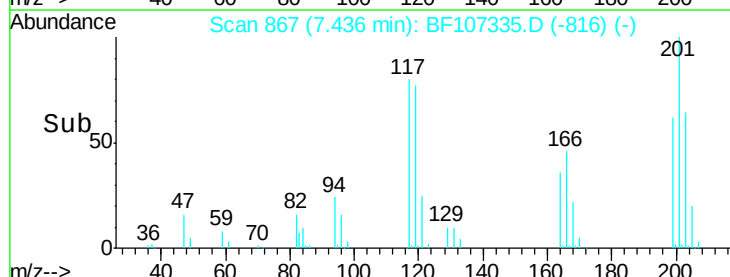
201 124.4 75.7 113.5#

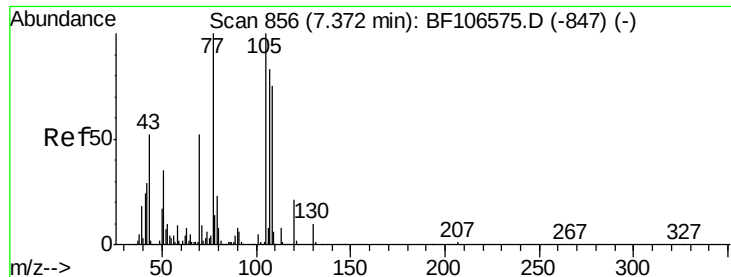


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

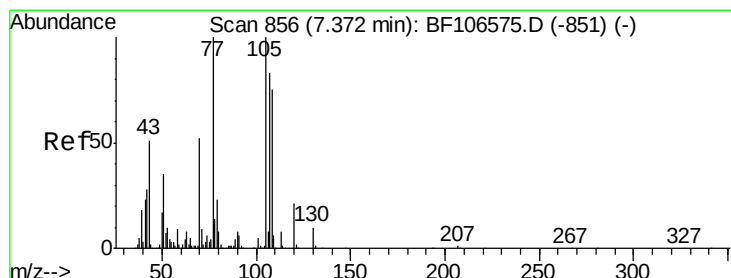
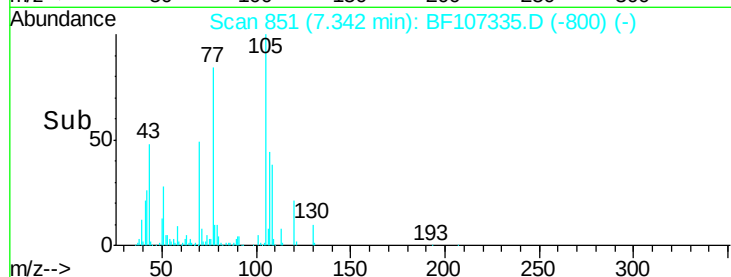
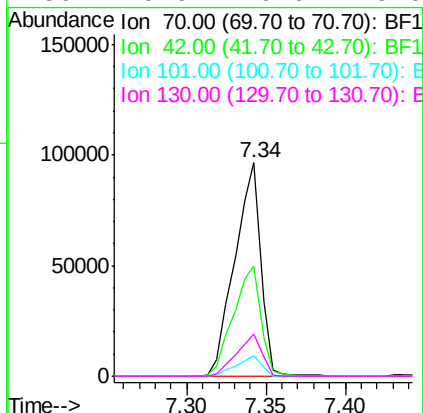
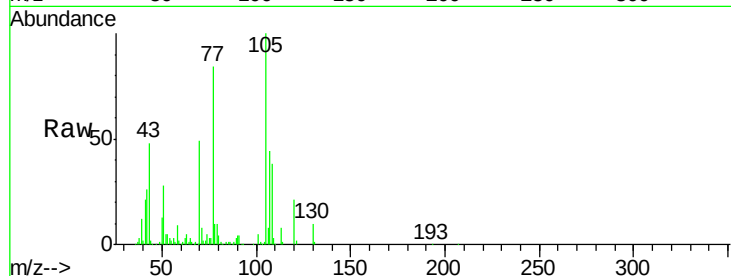




#19
n-Nitroso-di-n-propylamine
Concen: 37.498 ng
RT: 7.34 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

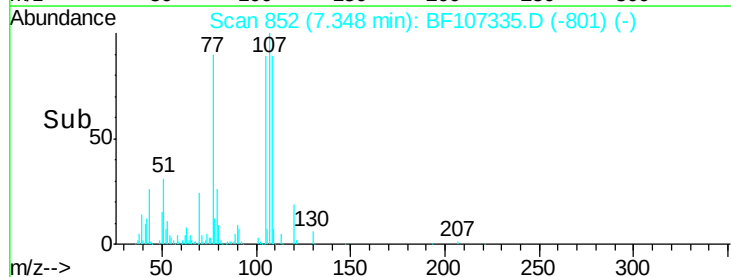
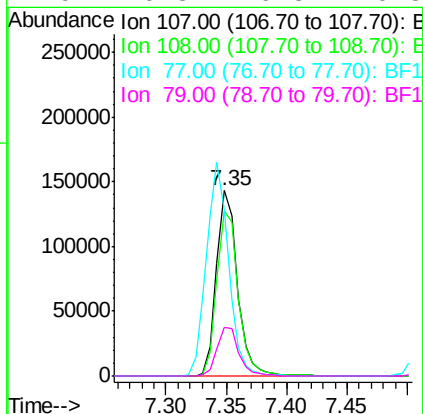
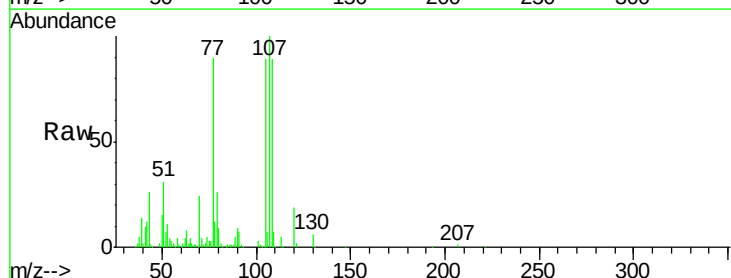
Instrument :
BNA_F
ClientSampleId :
PB110879BS

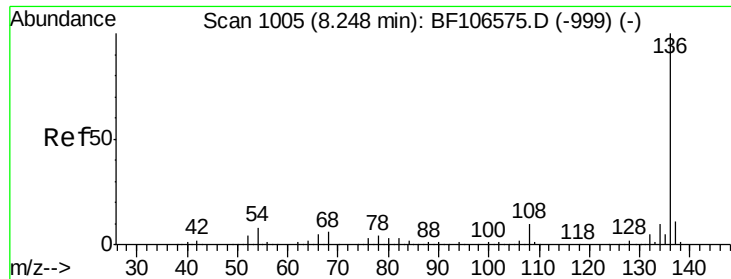
Tgt Ion:	70	Resp:	109747
Ion	Ratio	Lower	Upper
70	100		
42	51.8	47.5	71.3
101	9.8	7.4	11.2
130	19.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 48.840 ng
RT: 7.35 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

Tgt Ion:	107	Resp:	171749
Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.2	108.2
77	89.6	26.7	66.7#
79	26.3	6.3	46.3

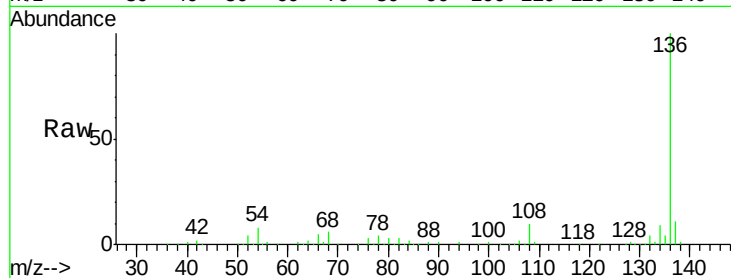




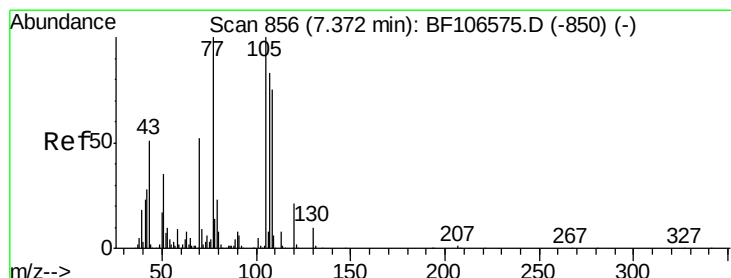
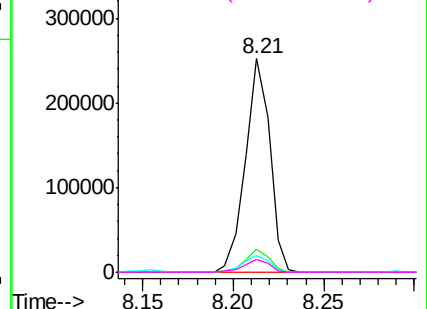
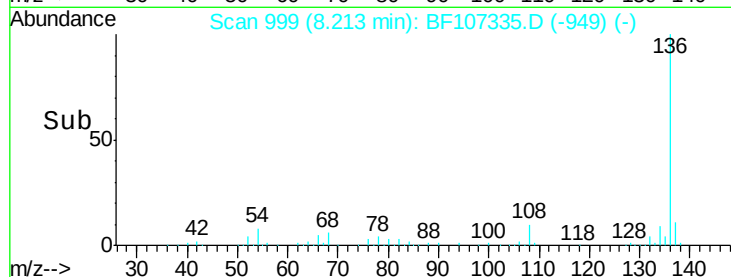
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tgt Ion:	136	Resp:	236399
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	8.0	6.6	9.8
68	6.2	5.0	7.4

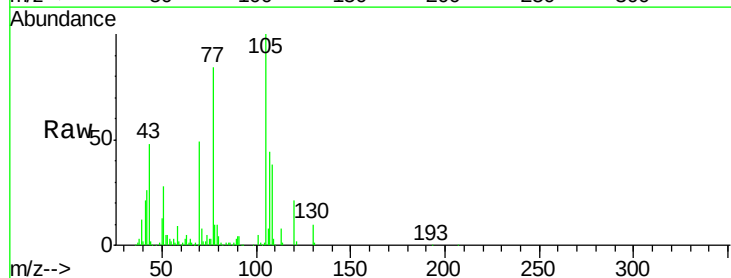


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

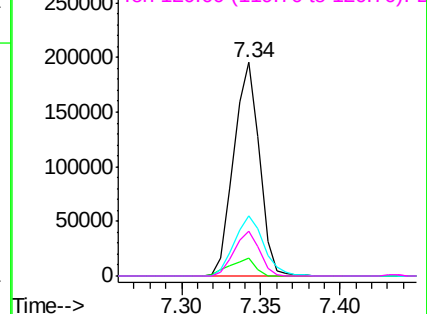
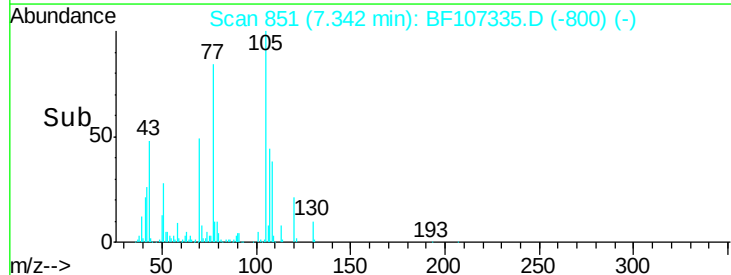


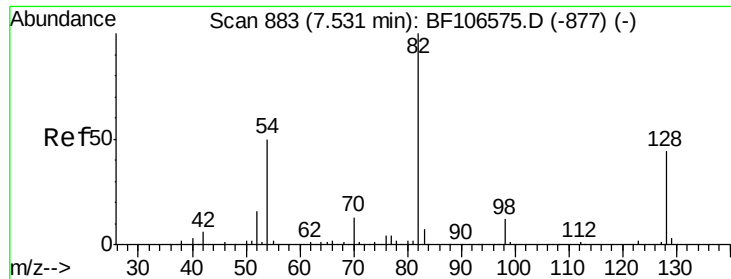
#22
Acetophenone
Concen: 41.362 ng
RT: 7.34 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

Tgt Ion:	105	Resp:	218755
Ion Ratio	Lower	Upper	
105	100		
71	8.1	4.4	6.6#
51	28.4	22.3	33.5
120	21.3	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

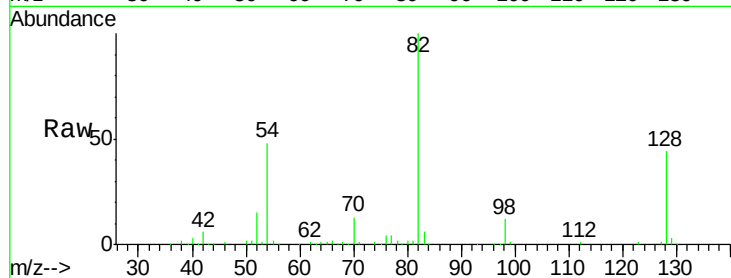




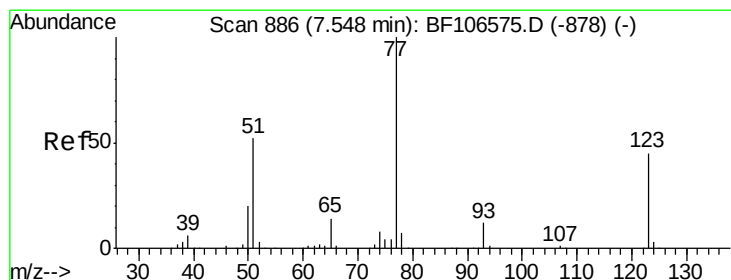
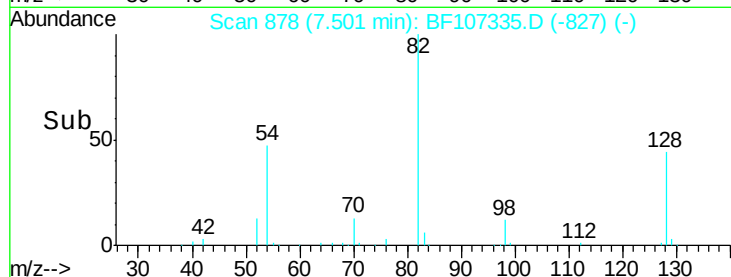
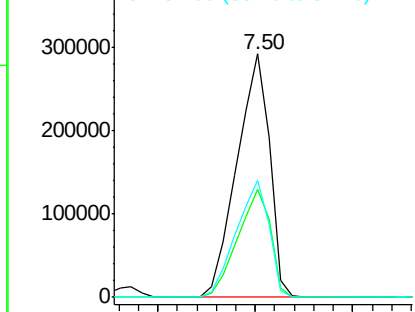
#23
 Nitrobenzene-d5
 Concen: 79.668 ng
 RT: 7.50 min Scan# 878
 Delta R.T. -0.00 min
 Lab File: BF107335.D
 Acq: 12 Jul 2018 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	48.3	41.4	62.2

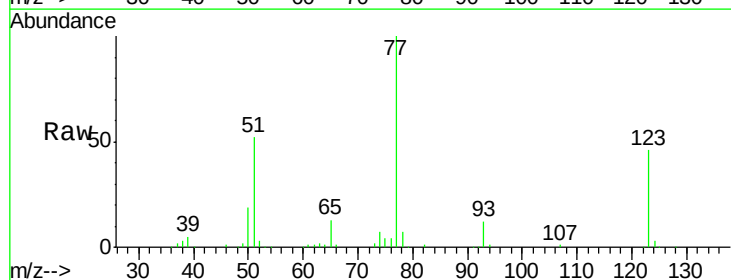


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

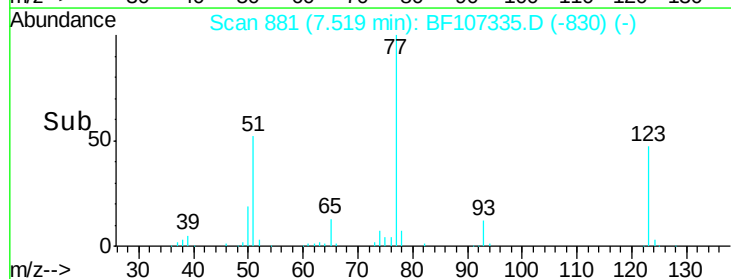
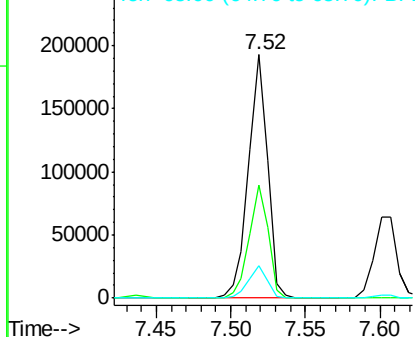


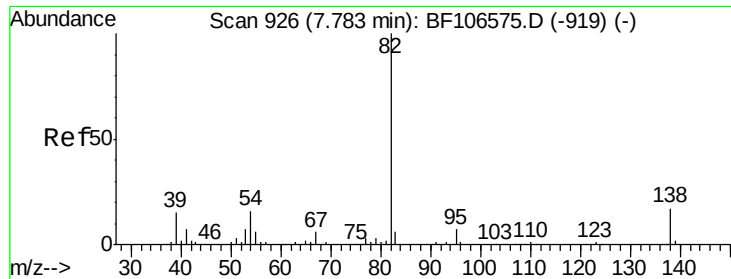
#24
 Nitrobenzene
 Concen: 39.415 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BF107335.D
 Acq: 12 Jul 2018 13:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.4	37.9	56.9
65	13.1	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

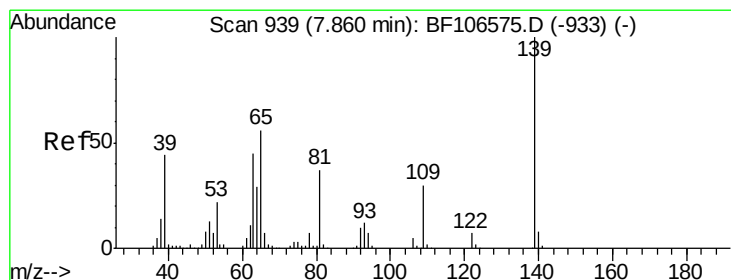
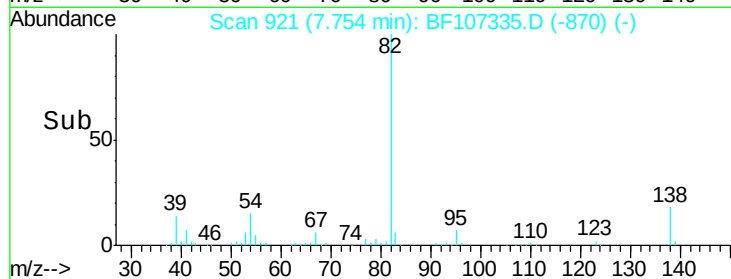
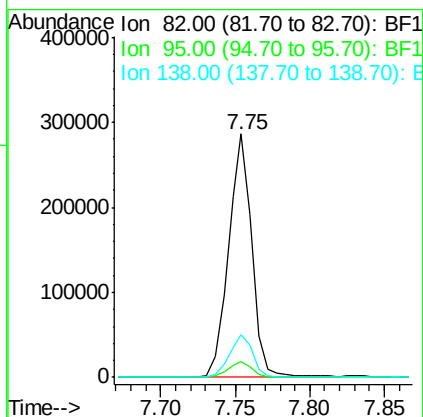
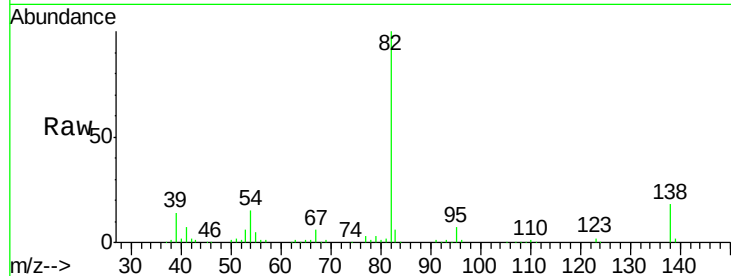




#25
Isophorone
Concen: 42.020 ng
RT: 7.75 min Scan# 921
Delta R.T. -0.00 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

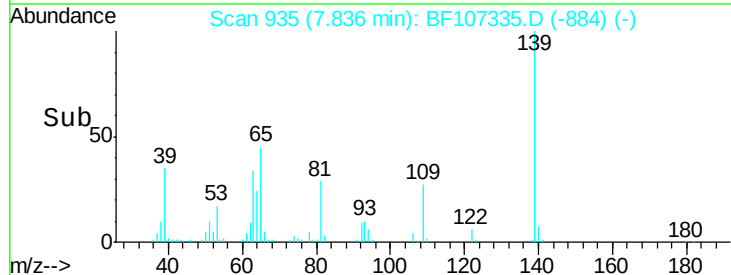
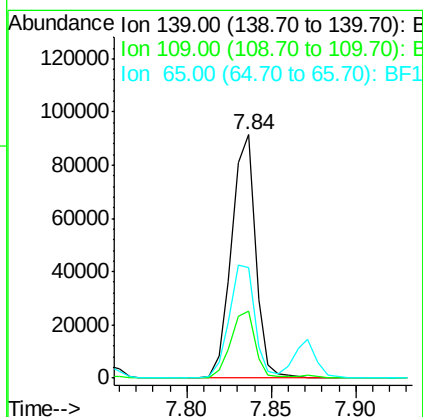
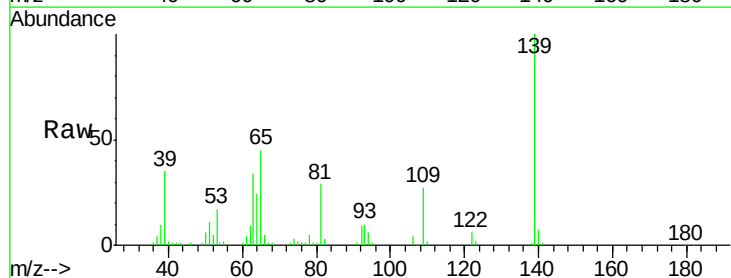
Instrument :
BNA_F
ClientSampleId :
PB110879BS

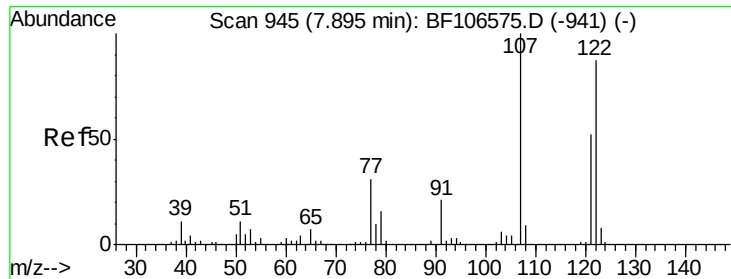
Tgt Ion: 82 Resp: 314971
Ion Ratio Lower Upper
82 100
95 6.6 5.2 7.8
138 17.7 14.9 22.3



#26
2-Nitrophenol
Concen: 44.089 ng
RT: 7.84 min Scan# 935
Delta R.T. -0.00 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

Tgt Ion: 139 Resp: 90391
Ion Ratio Lower Upper
139 100
109 27.3 22.7 34.1
65 45.2 40.5 60.7

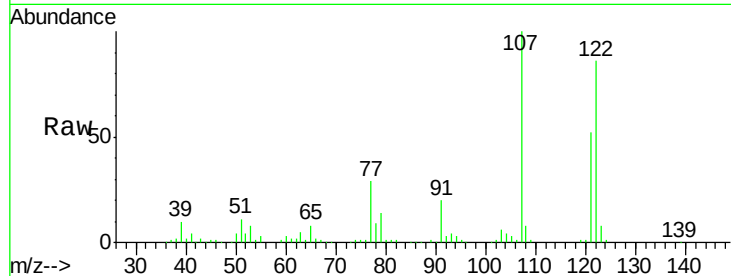




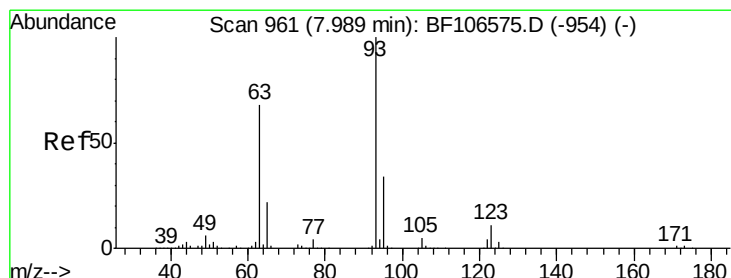
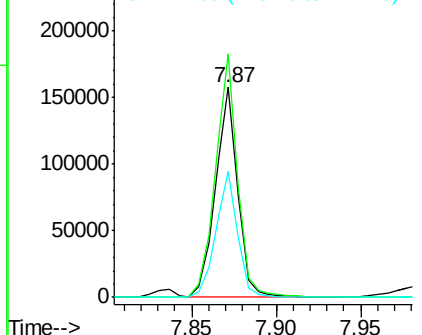
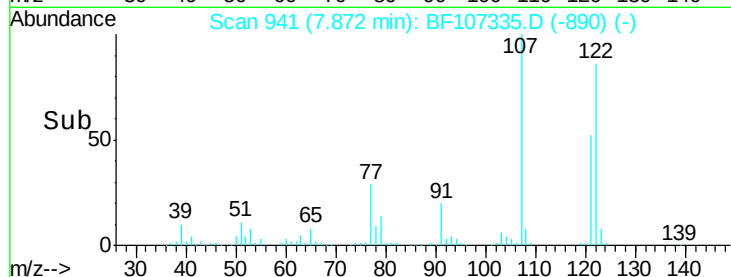
#27
2,4-Dimethylphenol
Concen: 45.994 ng
RT: 7.87 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tgt Ion:122 Resp: 145750
Ion Ratio Lower Upper
122 100
107 116.1 91.2 136.8
121 59.9 47.2 70.8

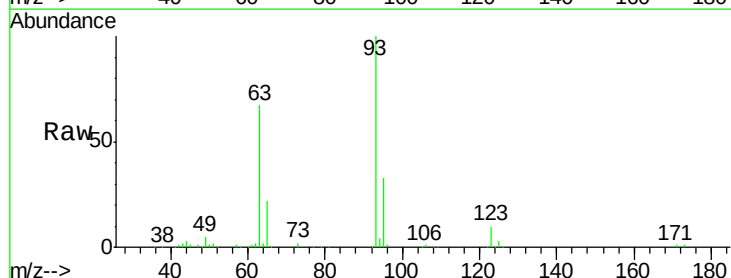


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

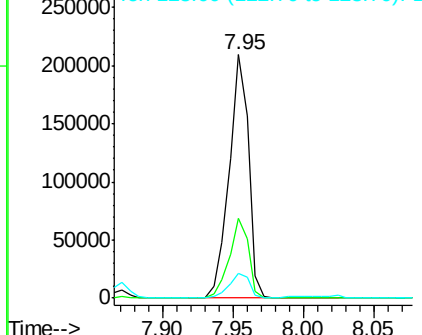
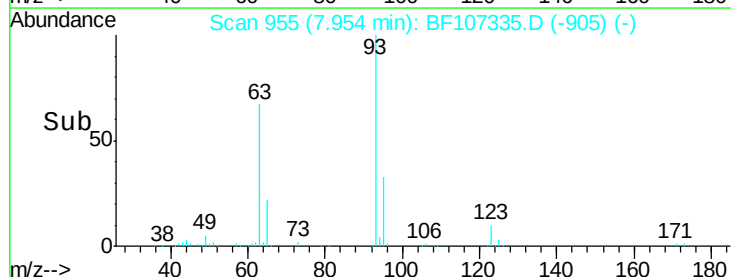


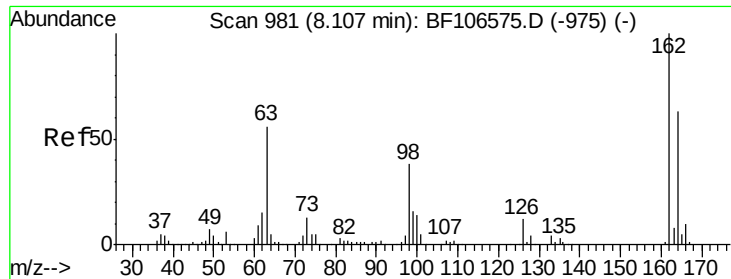
#28
bis(2-Chloroethoxy)methane
Concen: 39.923 ng
RT: 7.95 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

Tgt Ion: 93 Resp: 200926
Ion Ratio Lower Upper
93 100
95 32.7 26.3 39.5
123 10.0 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

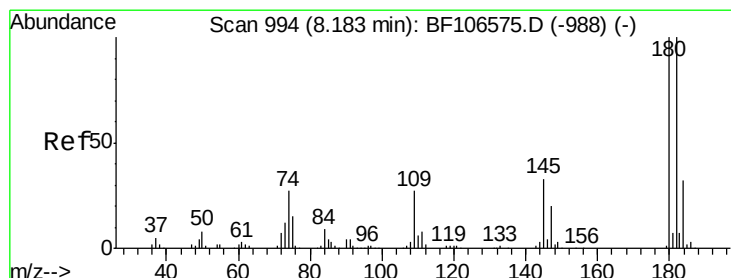
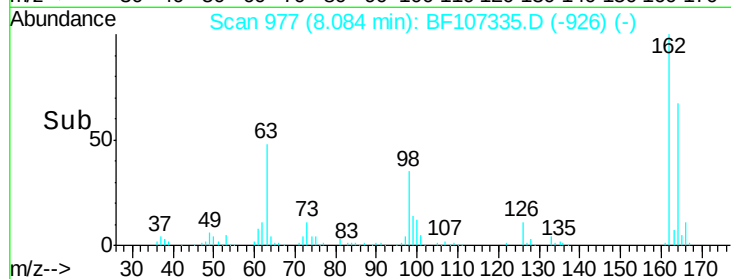
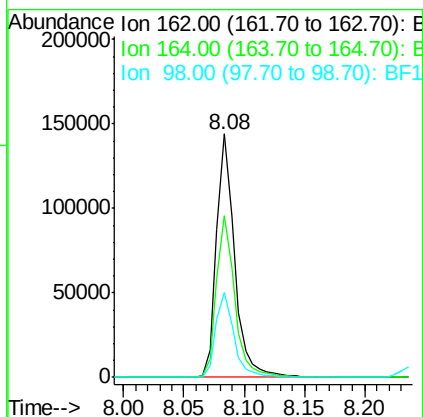
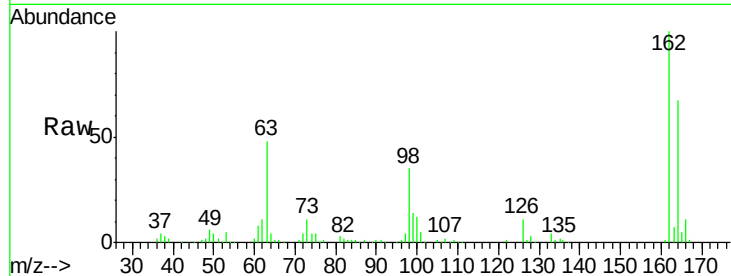




#29
2,4-Dichlorophenol
Concen: 44.792 ng
RT: 8.08 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

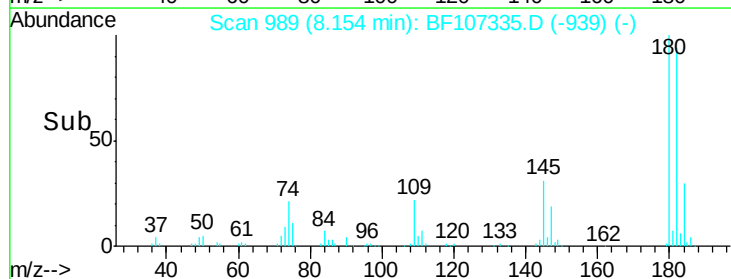
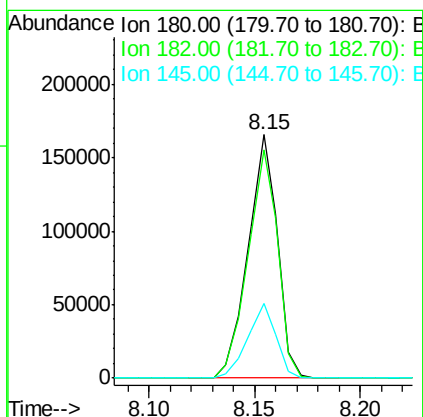
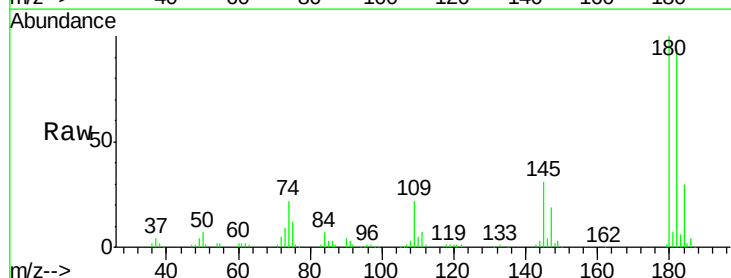
Instrument :
BNA_F
ClientSampleId :
PB110879BS

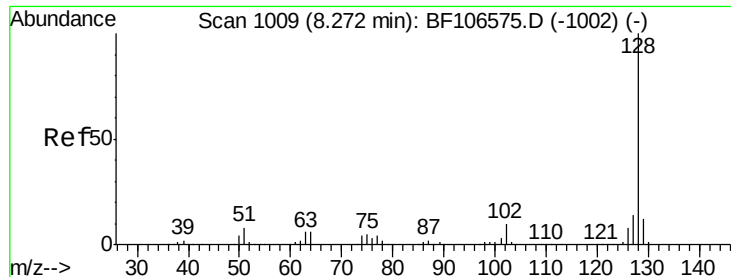
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.6	42.7	82.7
98	34.9	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 43.749 ng
RT: 8.15 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.8	115.2
145	30.7	26.5	39.7





#31

Naphthalene

Concen: 41.421 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107335.D

Acq: 12 Jul 2018 13:37

Instrument :

BNA_F

ClientSampleId :

PB110879BS

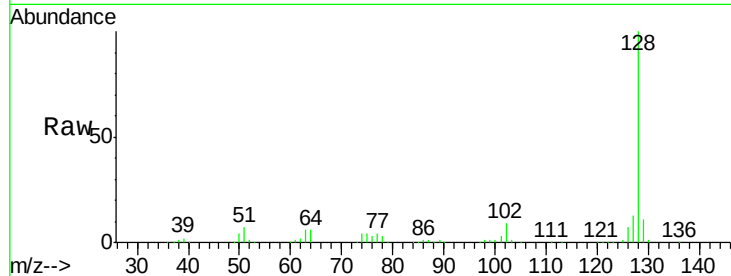
Tgt Ion:128 Resp: 457804

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

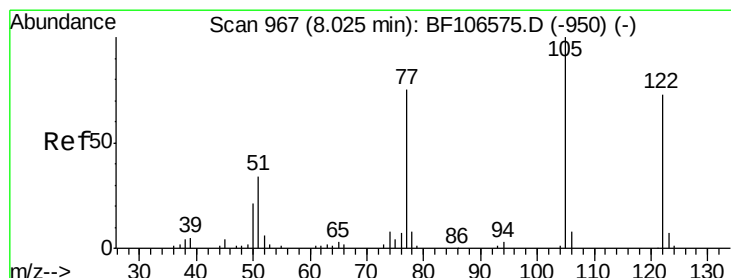
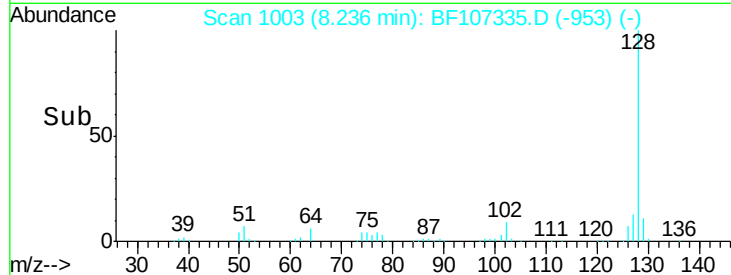
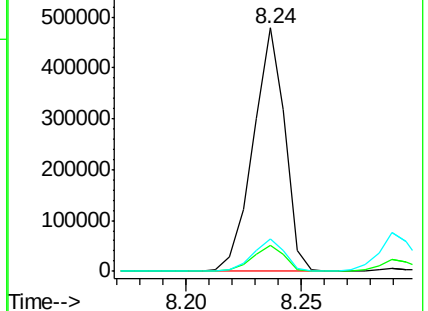
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.014 ng

RT: 8.02 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF107335.D

Acq: 12 Jul 2018 13:37

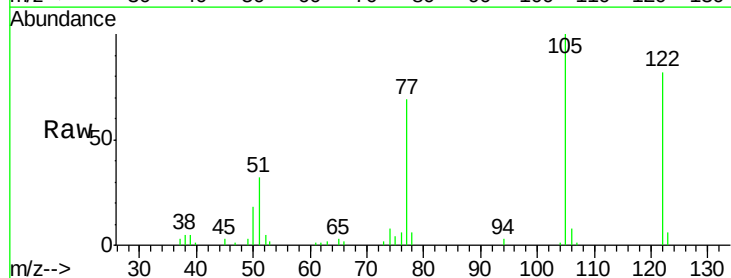
Tgt Ion:122 Resp: 66180

Ion Ratio Lower Upper

122 100

105 122.7 101.1 141.1

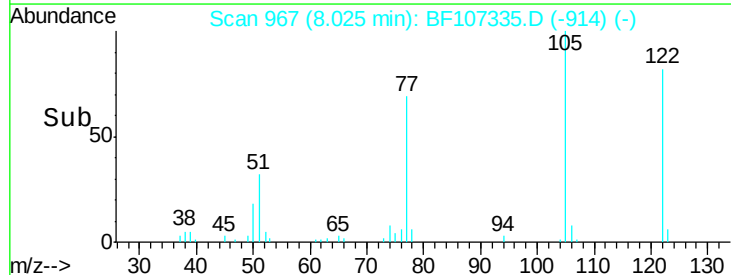
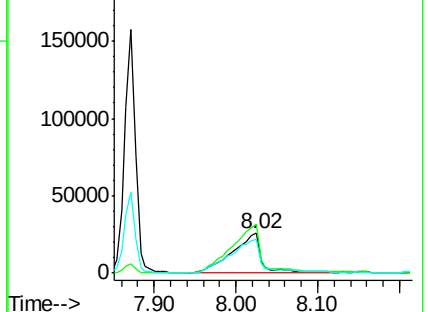
77 85.0 70.7 110.7

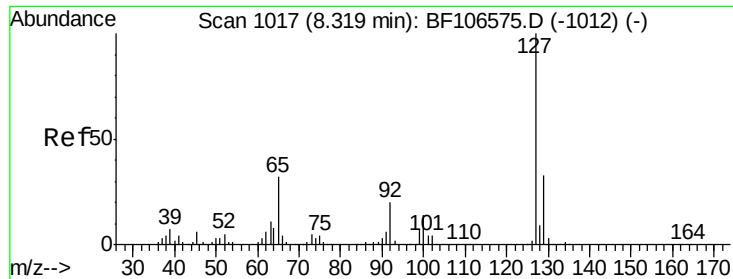


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

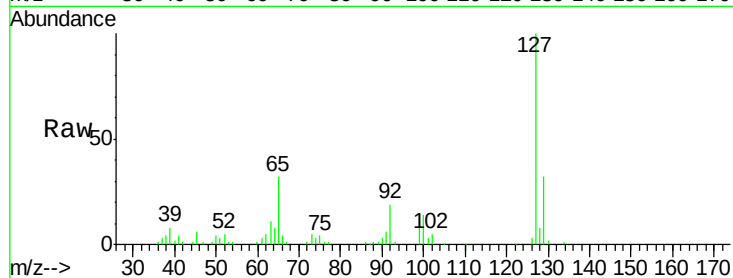




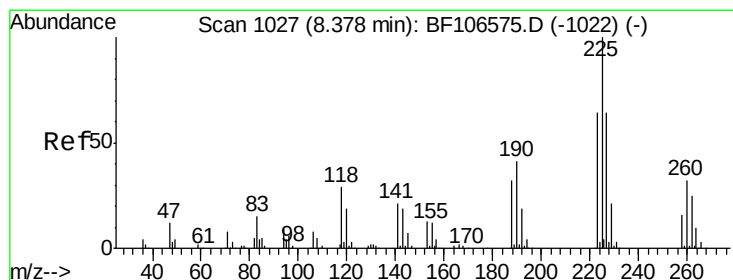
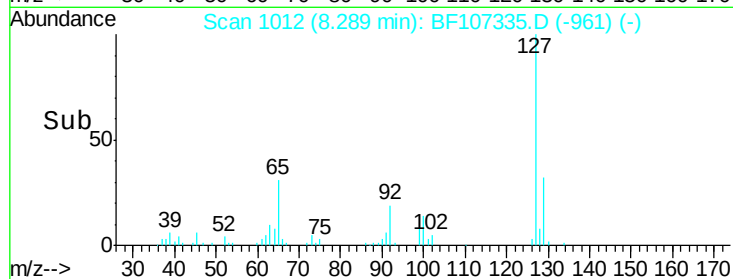
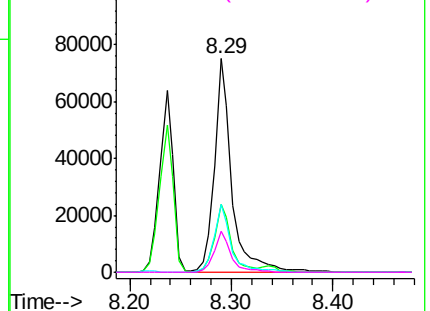
#33
4-Chloroaniline
Concen: 19.349 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tgt Ion:	127	Resp:	89730
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	31.8	25.0	37.4
92	19.2	15.2	22.8

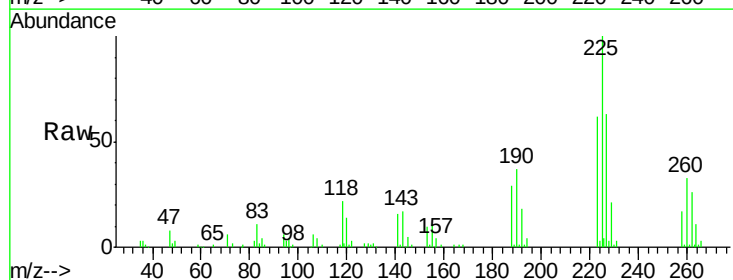


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

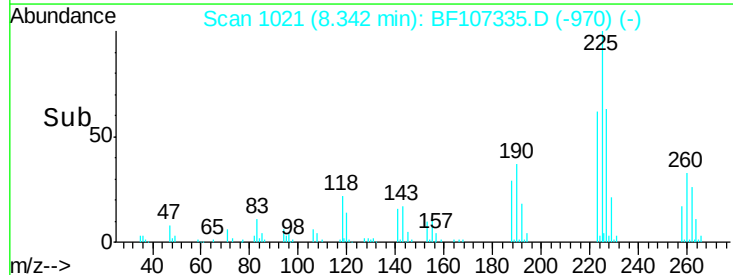
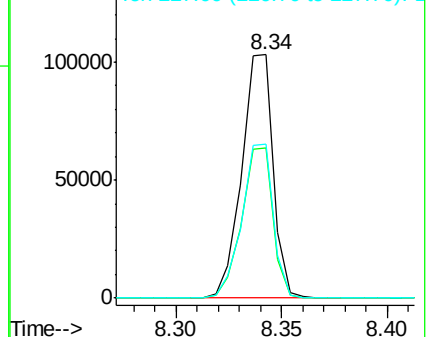


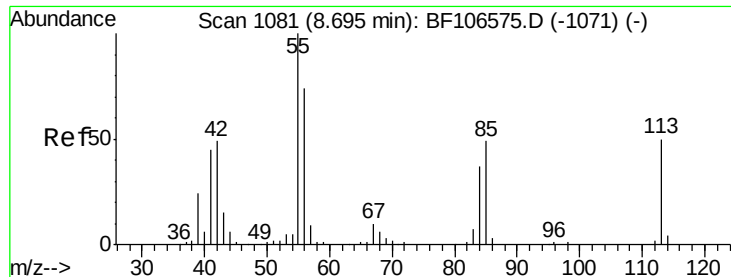
#34
Hexachlorobutadiene
Concen: 44.484 ng
RT: 8.34 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

Tgt Ion:	225	Resp:	105935
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.6	76.0
227	63.4	51.9	77.9



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

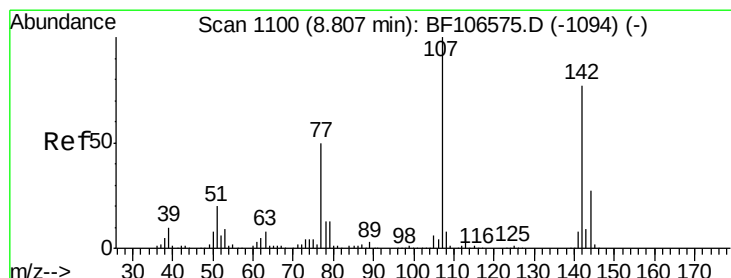
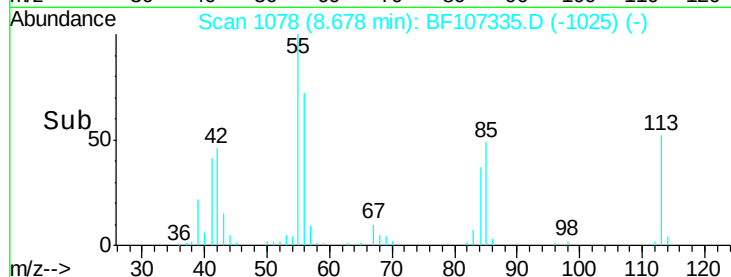
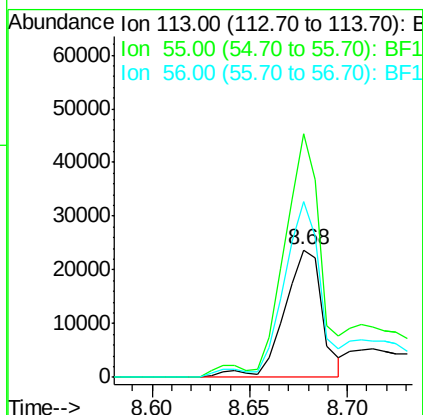
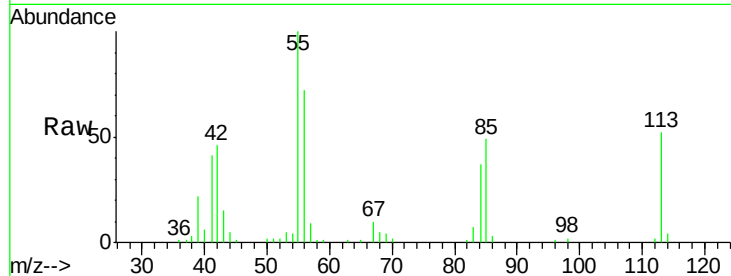




#35
 Caprolactam
 Concen: 29.539 ng
 RT: 8.68 min Scan# 1078
 Delta R.T. 0.01 min
 Lab File: BF107335.D
 Acq: 12 Jul 2018 13:37

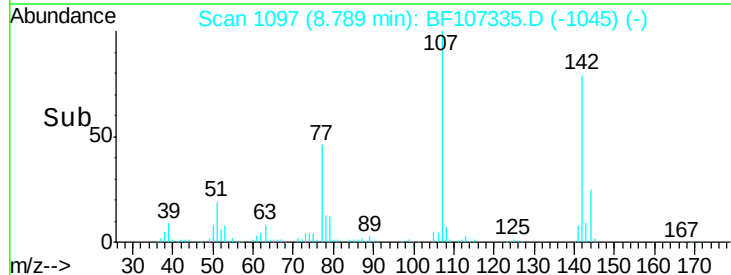
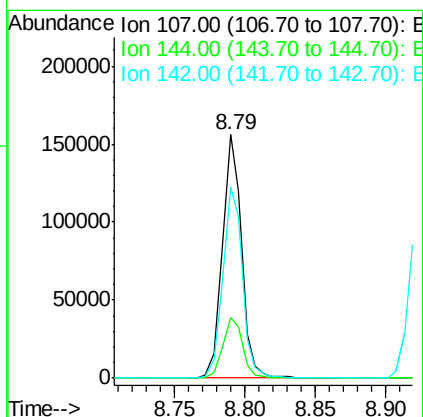
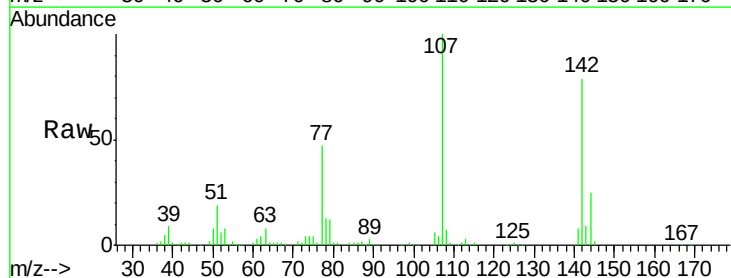
Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

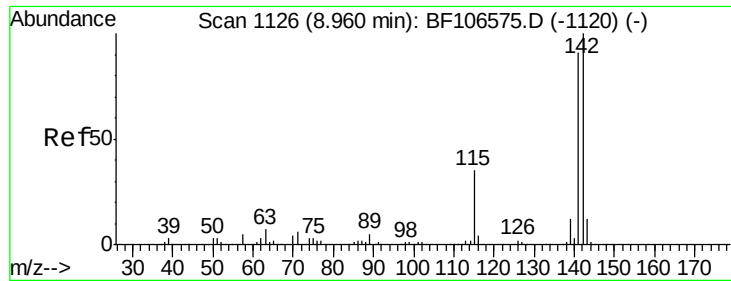
Tgt Ion:113 Resp: 31944
 Ion Ratio Lower Upper
 113 100
 55 191.2 163.3 203.3
 56 138.3 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 42.122 ng
 RT: 8.79 min Scan# 1097
 Delta R.T. 0.01 min
 Lab File: BF107335.D
 Acq: 12 Jul 2018 13:37

Tgt Ion:107 Resp: 147088
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.5 30.7
 142 78.5 62.0 93.0

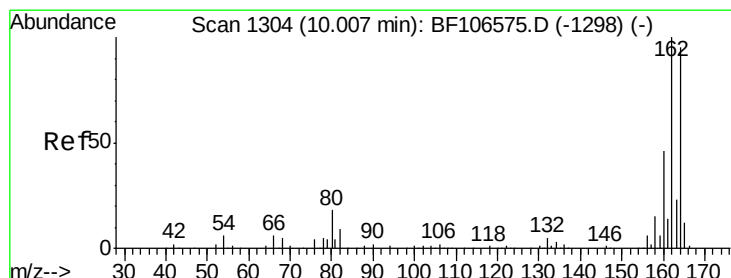
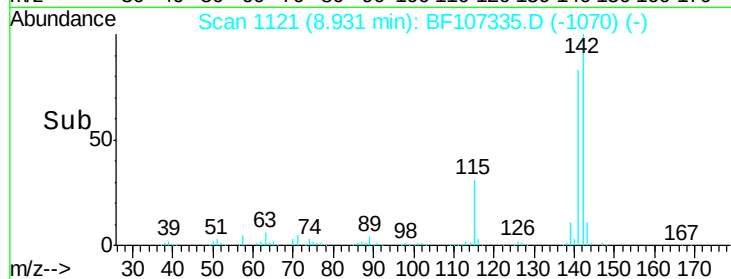
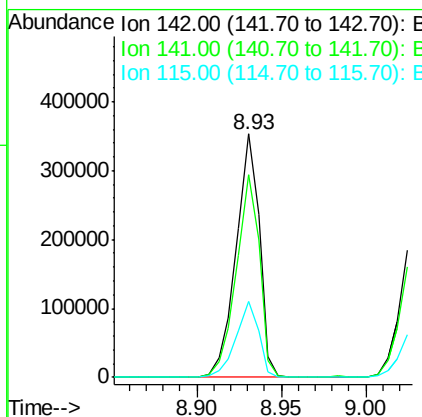
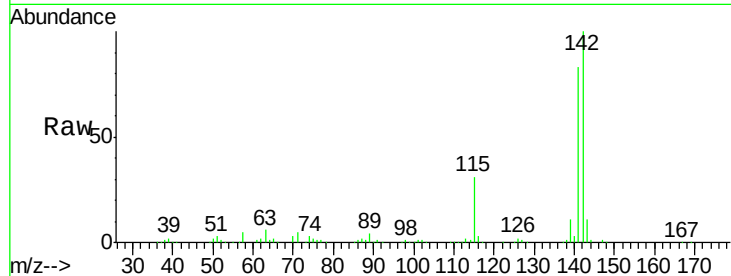




#37
 2-Methylnaphthalene
 Concen: 46.365 ng
 RT: 8.93 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BF107335.D
 Acq: 12 Jul 2018 13:37

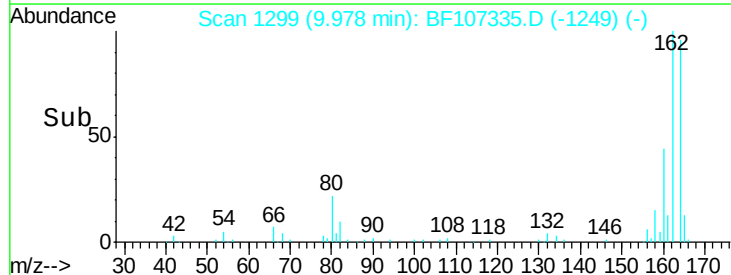
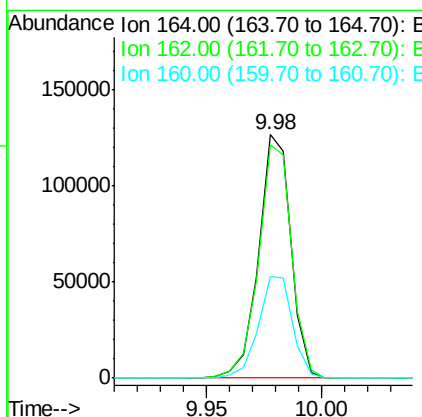
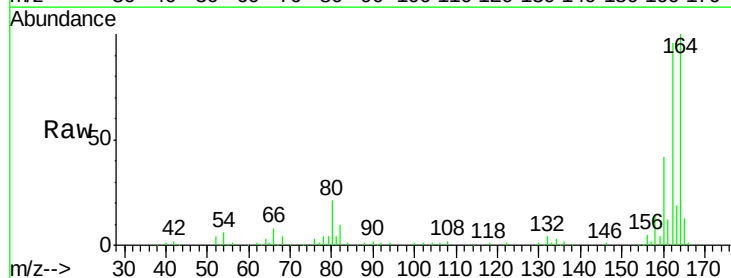
Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

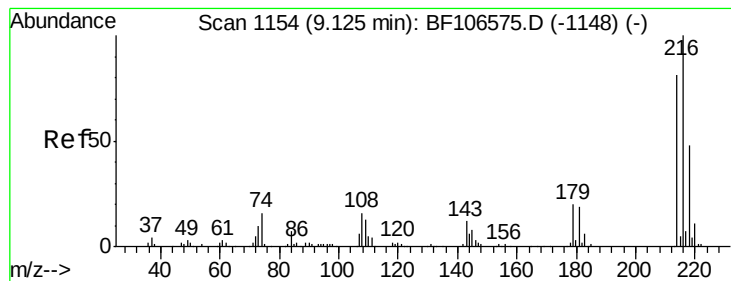
Tgt Ion:142 Resp: 339663
 Ion Ratio Lower Upper
 142 100
 141 83.4 70.8 106.2
 115 31.1 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF107335.D
 Acq: 12 Jul 2018 13:37

Tgt Ion:164 Resp: 123216
 Ion Ratio Lower Upper
 164 100
 162 96.1 86.1 129.1
 160 41.8 38.3 57.5

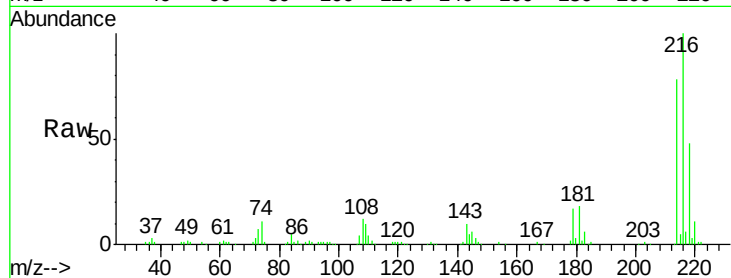




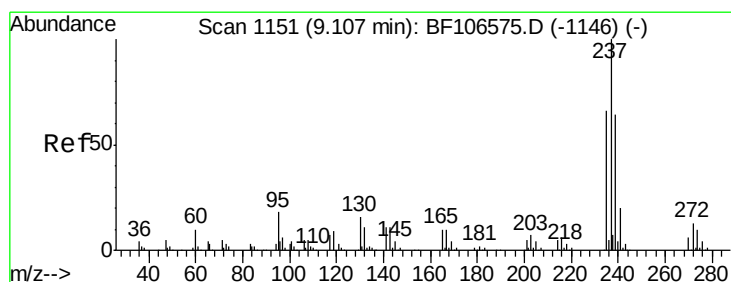
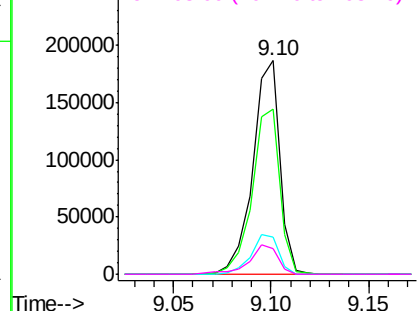
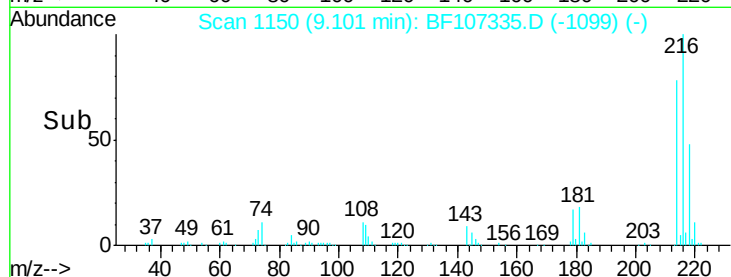
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.082 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BF107335.D
 Acq: 12 Jul 2018 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tgt Ion: 216 Resp: 178770
 Ion Ratio Lower Upper
 216 100
 214 79.0 63.0 94.4
 179 18.9 18.1 27.1
 108 14.8 17.2 25.8#

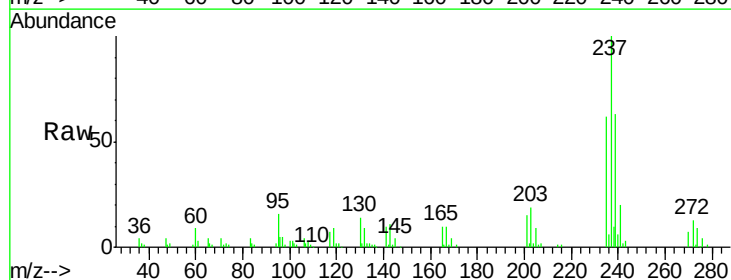


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

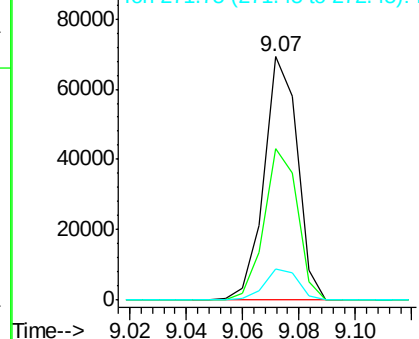
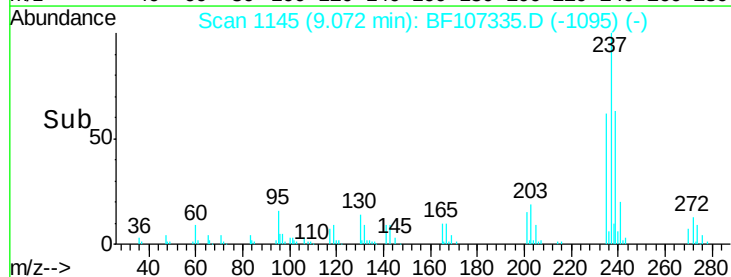


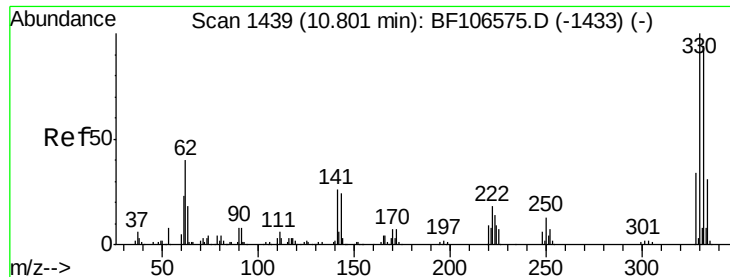
#40
 Hexachlorocyclopentadiene
 Concen: 26.620 ng
 RT: 9.07 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF107335.D
 Acq: 12 Jul 2018 13:37

Tgt Ion: 237 Resp: 56832
 Ion Ratio Lower Upper
 237 100
 235 62.4 44.8 84.8
 272 12.5 0.0 33.3



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





#41

2,4,6-Tribromophenol

Concen: 116.295 ng

RT: 10.78 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF107335.D

Acq: 12 Jul 2018 13:37

Instrument :

BNA_F

ClientSampleId :

PB110879BS

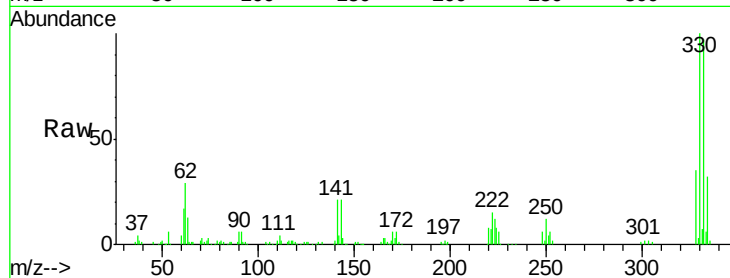
Tgt Ion:330 Resp: 166081

Ion Ratio Lower Upper

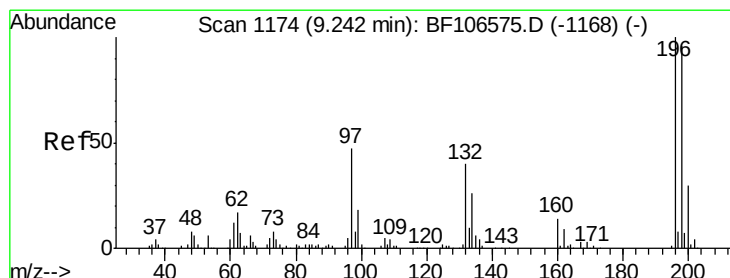
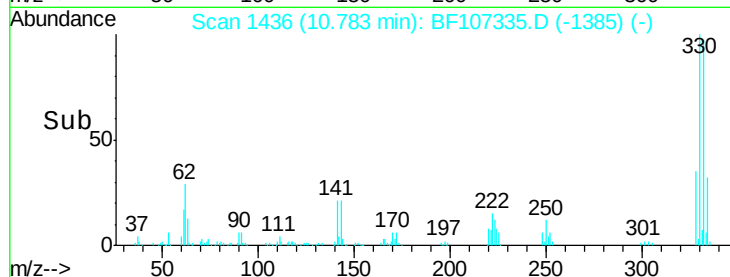
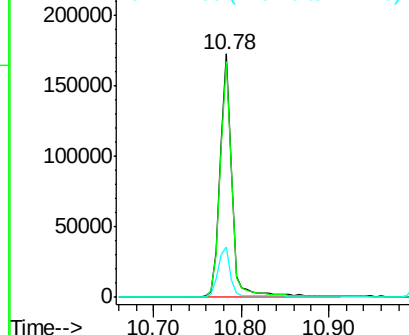
330 100

332 97.5 77.0 115.6

141 21.6 29.9 44.9#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 34.157 ng

RT: 9.22 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BF107335.D

Acq: 12 Jul 2018 13:37

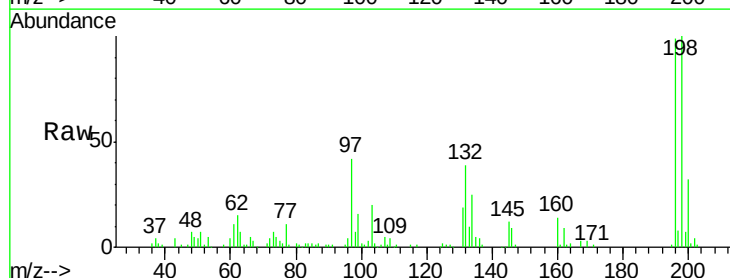
Tgt Ion:196 Resp: 94213

Ion Ratio Lower Upper

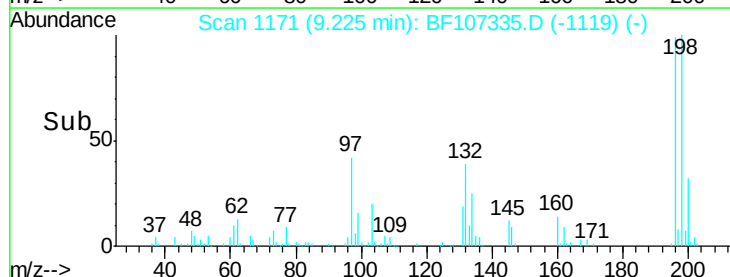
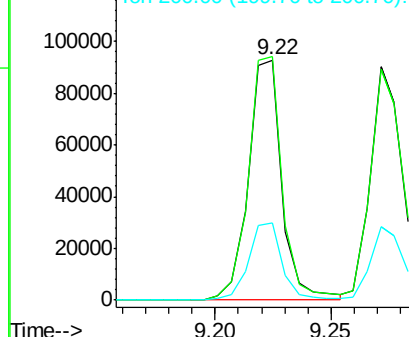
196 100

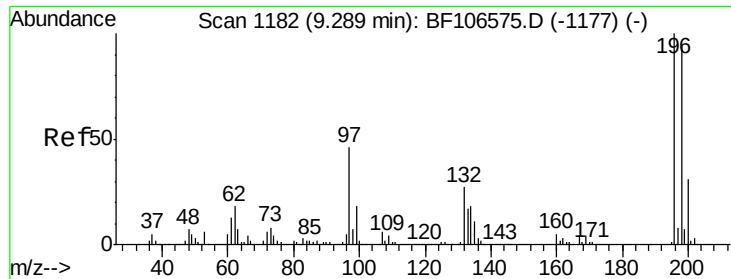
198 101.5 75.7 113.5

200 32.2 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

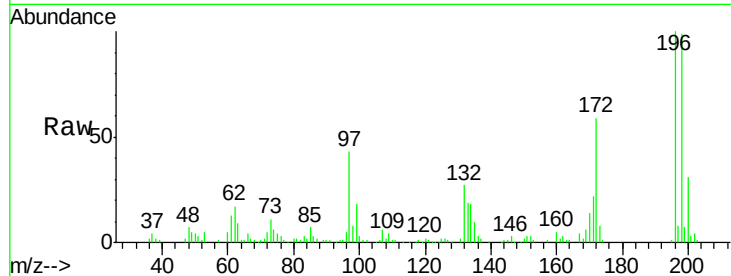




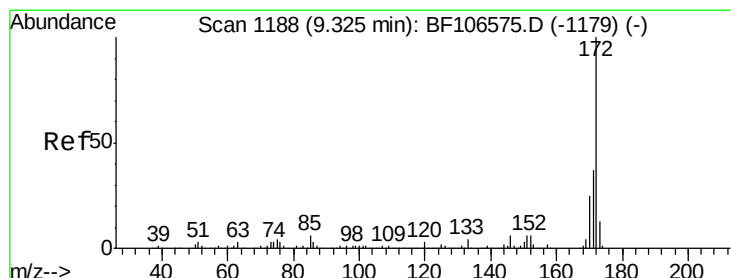
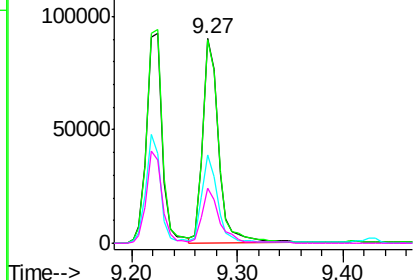
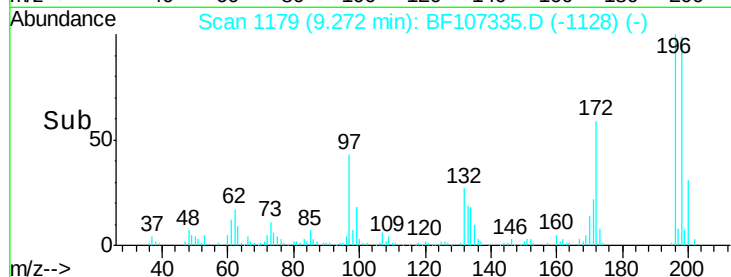
#43
 2,4,5-Trichlorophenol
 Concen: 32.566 ng
 RT: 9.27 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF107335.D
 Acq: 12 Jul 2018 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tgt Ion:196 Resp: 93729
 Ion Ratio Lower Upper
 196 100
 198 99.4 74.6 112.0
 97 43.0 42.9 64.3
 132 26.7 26.3 39.5

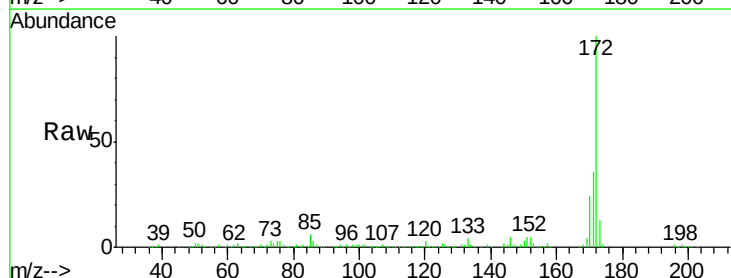


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

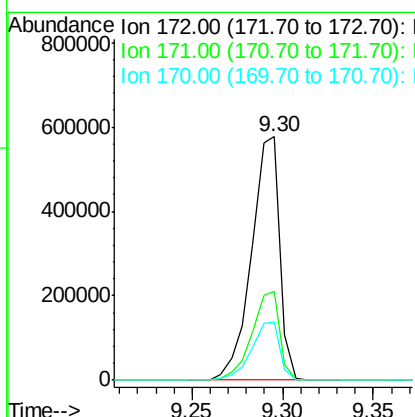
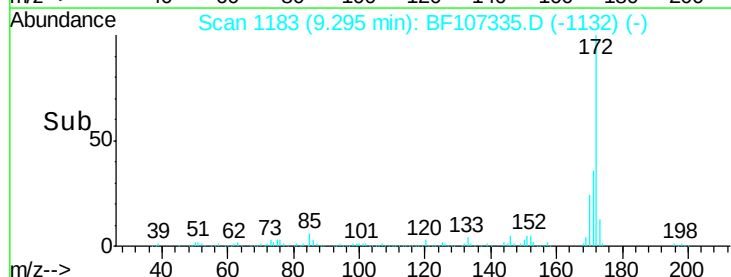


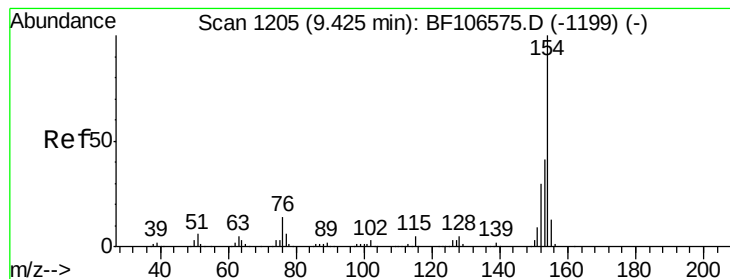
#44
 2-Fluorobiphenyl
 Concen: 85.805 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF107335.D
 Acq: 12 Jul 2018 13:37

Tgt Ion:172 Resp: 623606
 Ion Ratio Lower Upper
 172 100
 171 36.4 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: 41.502 ng

RT: 9.40 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BF107335.D

Acq: 12 Jul 2018 13:37

Instrument :

BNA_F

ClientSampleId :

PB110879BS

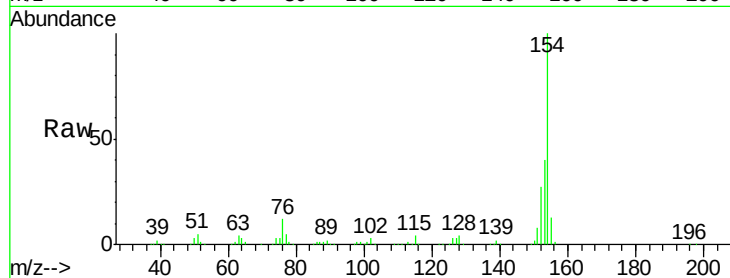
Tgt Ion:154 Resp: 407542

Ion Ratio Lower Upper

154 100

153 39.9 21.3 61.3

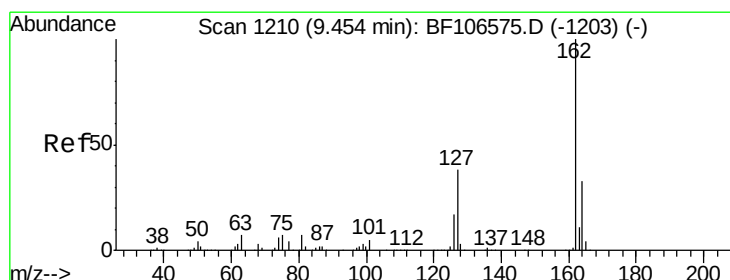
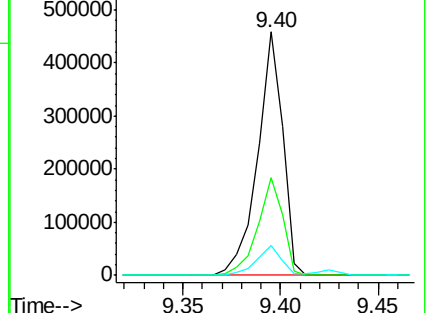
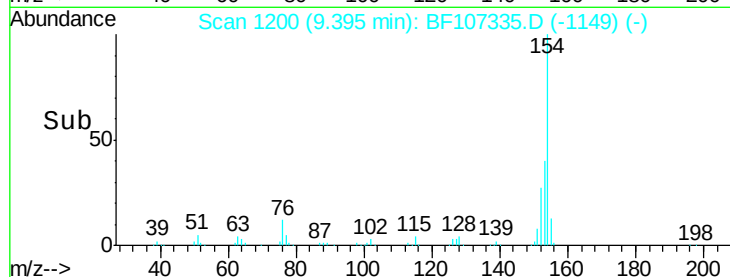
76 12.2 0.0 34.0



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: 38.861 ng

RT: 9.42 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF107335.D

Acq: 12 Jul 2018 13:37

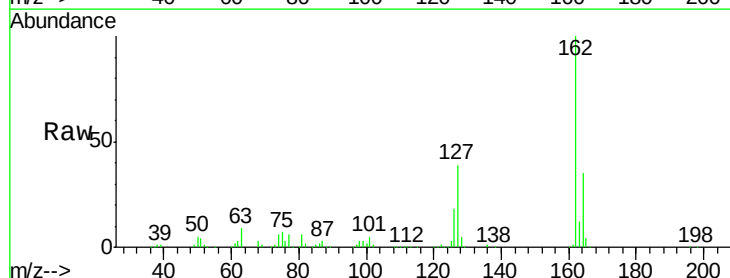
Tgt Ion:162 Resp: 300381

Ion Ratio Lower Upper

162 100

127 39.3 33.9 50.9

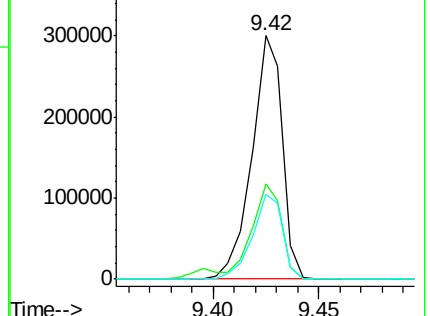
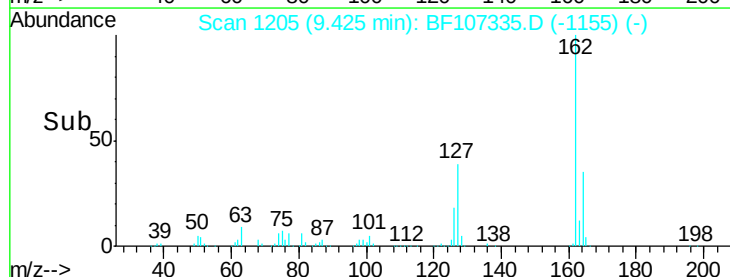
164 34.8 26.5 39.7

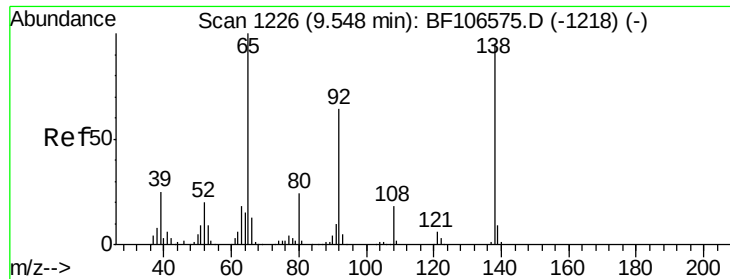


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

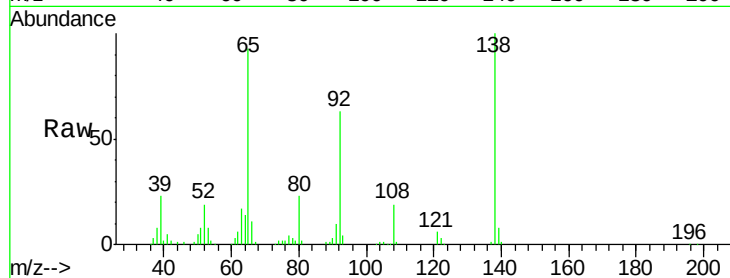




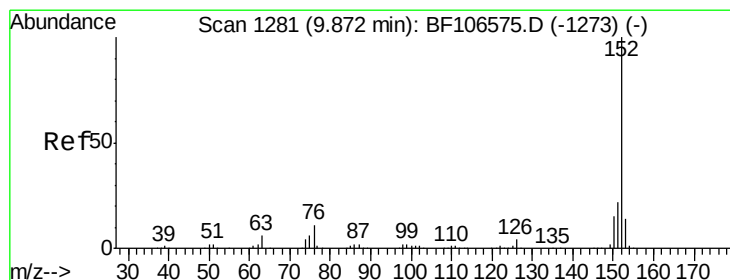
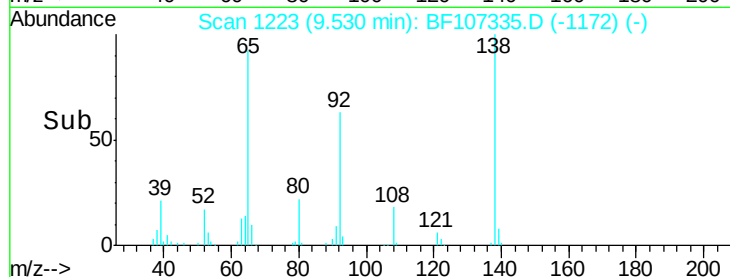
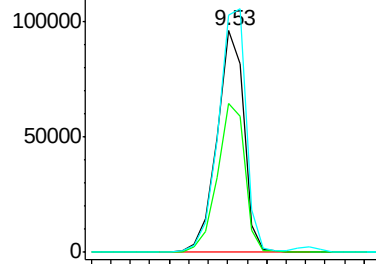
#47
2-Nitroaniline
Concen: 35.263 ng
RT: 9.53 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tgt Ion: 65 Resp: 91656
Ion Ratio Lower Upper
65 100
92 67.5 55.8 83.6
138 107.2 91.2 136.8

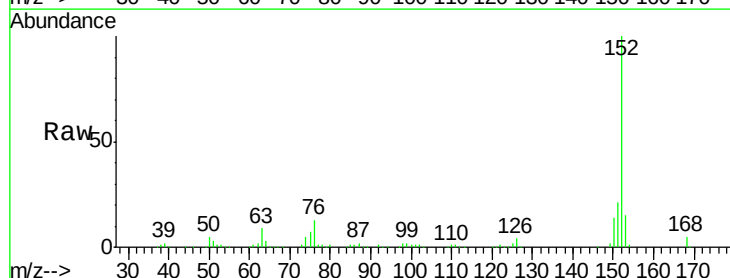


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

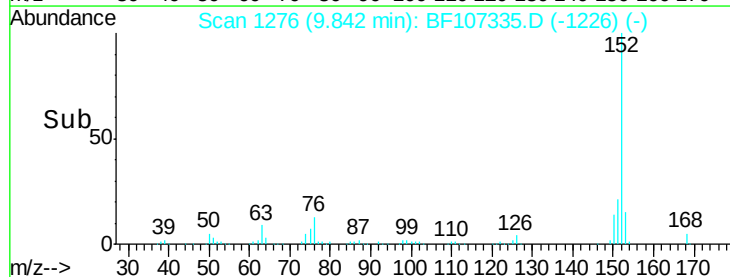
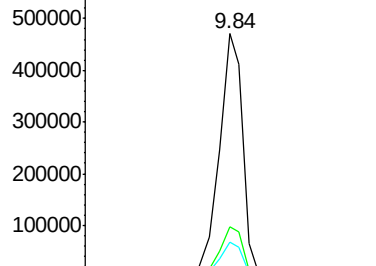


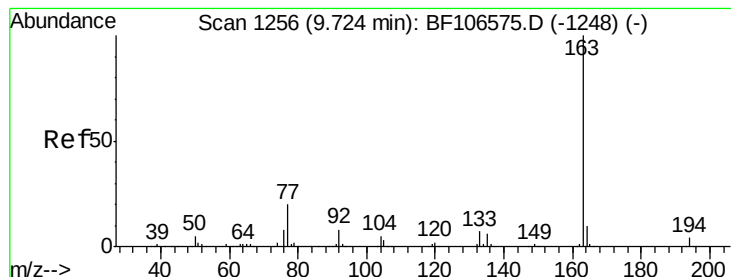
#48
Acenaphthylene
Concen: 37.697 ng
RT: 9.84 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

Tgt Ion: 152 Resp: 460028
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 14.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 36.390 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.00 min

Lab File: BF107335.D

Acq: 12 Jul 2018 13:37

Instrument :

BNA_F

ClientSampleId :

PB110879BS

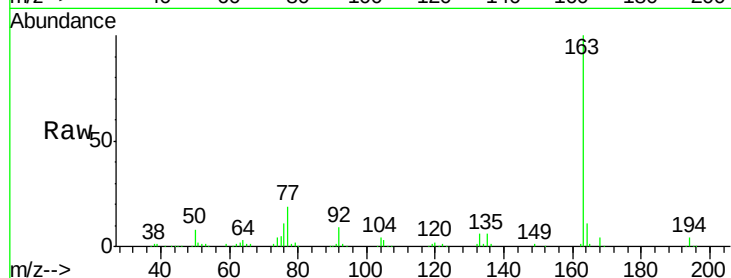
Tgt Ion:163 Resp: 336297

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

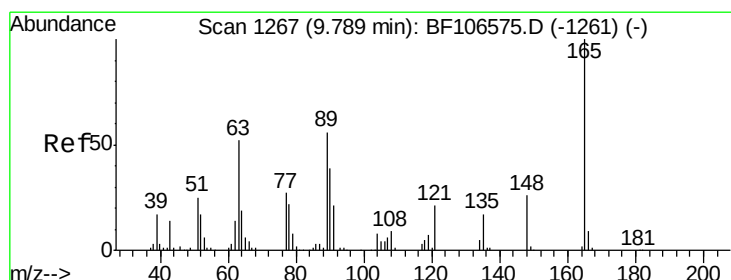
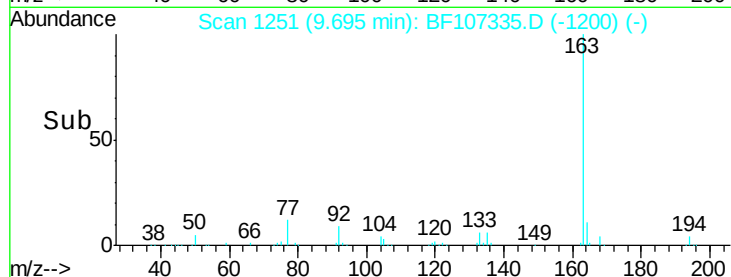
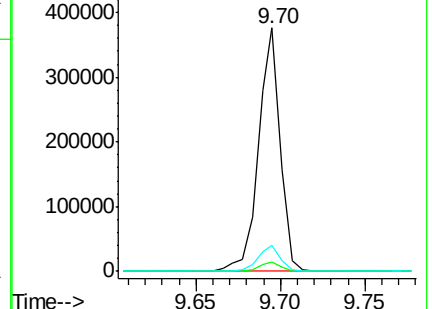
164 10.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.517 ng

RT: 9.77 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BF107335.D

Acq: 12 Jul 2018 13:37

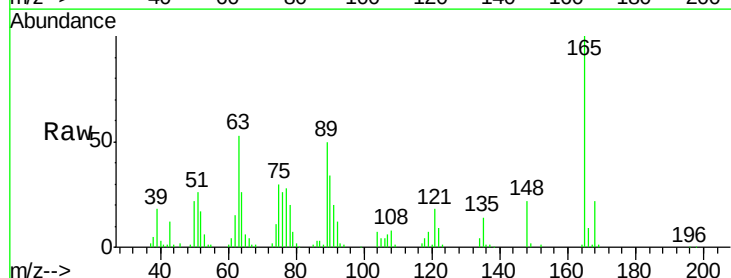
Tgt Ion:165 Resp: 81244

Ion Ratio Lower Upper

165 100

63 53.5 44.7 67.1

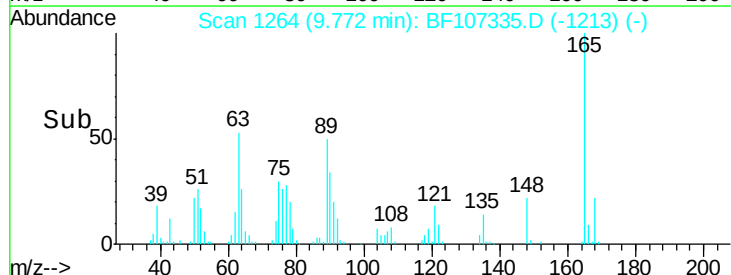
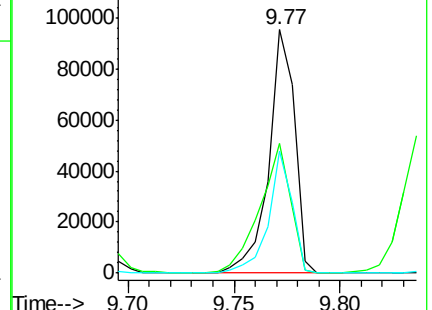
89 50.3 44.0 66.0

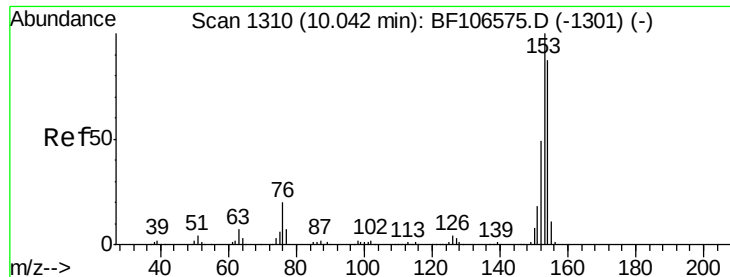


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 36.995 ng

RT: 10.01 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF107335.D

Acq: 12 Jul 2018 13:37

Instrument :

BNA_F

ClientSampleId :

PB110879BS

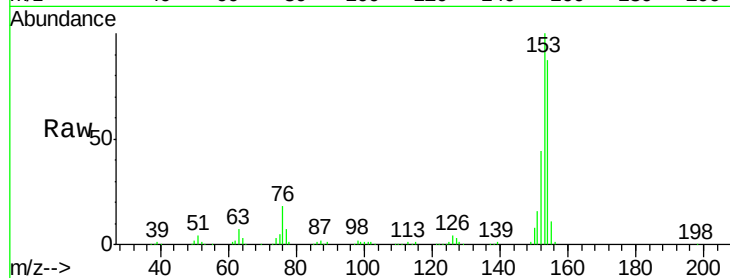
Tgt Ion:154 Resp: 284293

Ion Ratio Lower Upper

154 100

153 115.4 91.2 136.8

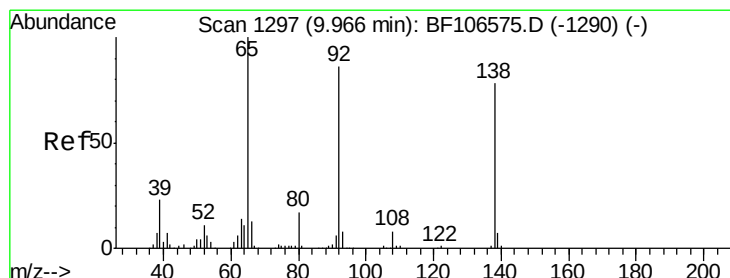
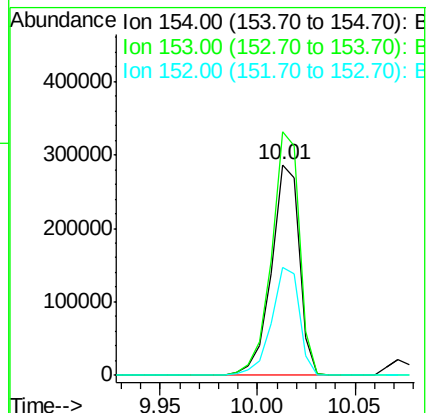
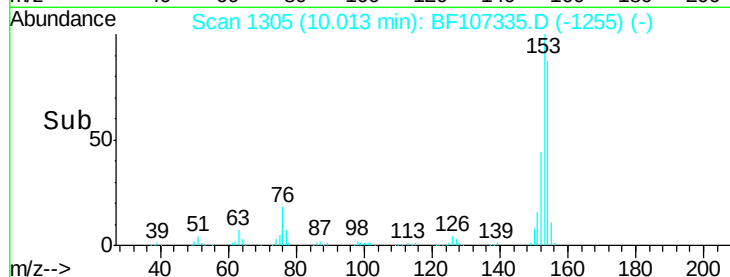
152 50.9 43.8 65.8



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: 21.056 ng

RT: 9.95 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF107335.D

Acq: 12 Jul 2018 13:37

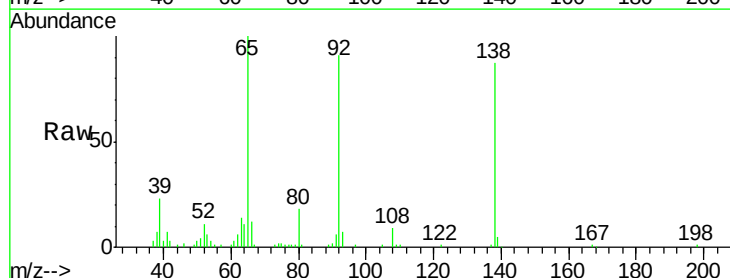
Tgt Ion:138 Resp: 47414

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

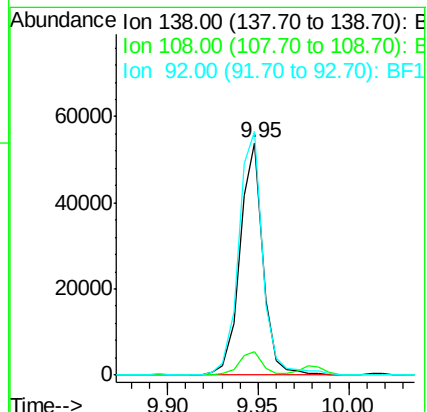
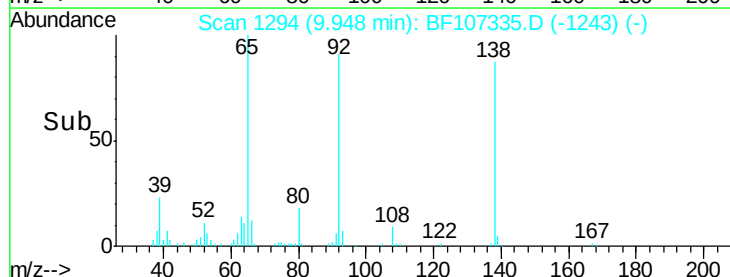
92 104.6 89.4 134.2

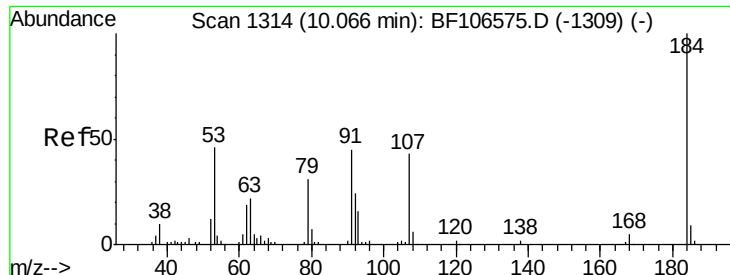


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

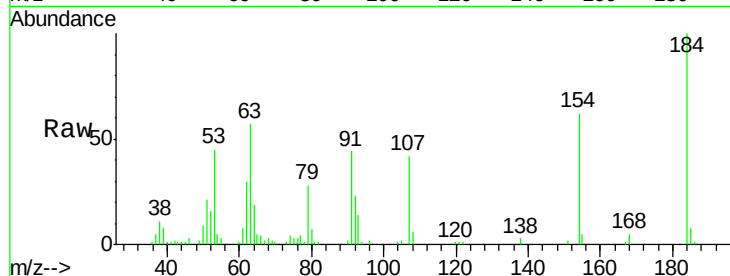




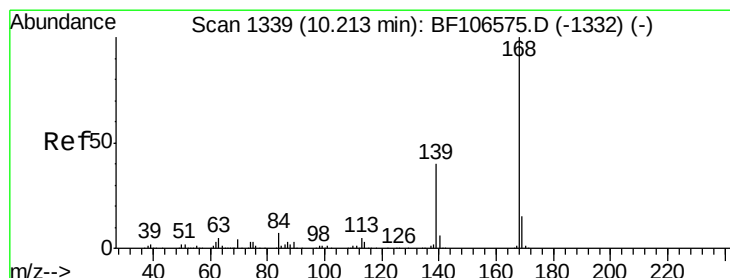
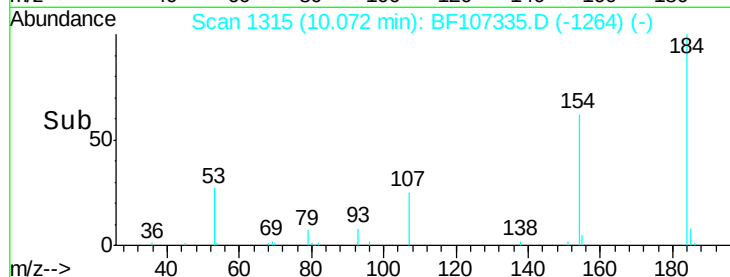
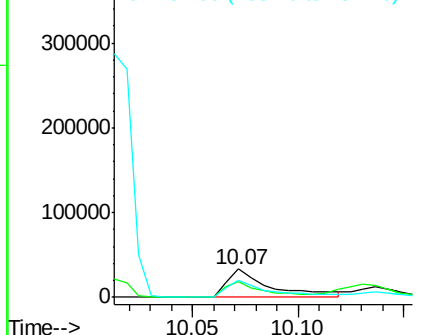
#53
2,4-Dinitrophenol
Concen: 48.703 ng
RT: 10.07 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tgt Ion:184 Resp: 47269
Ion Ratio Lower Upper
184 100
63 56.8 54.2 81.2
154 62.2 184.0 276.0#

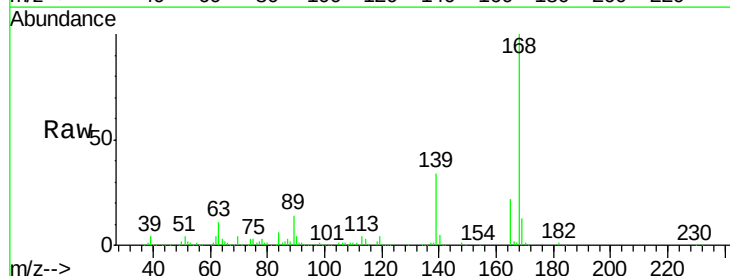


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

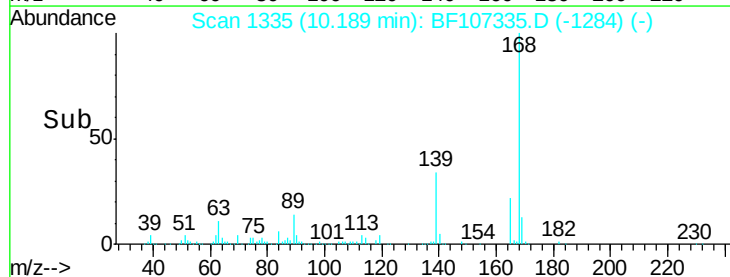
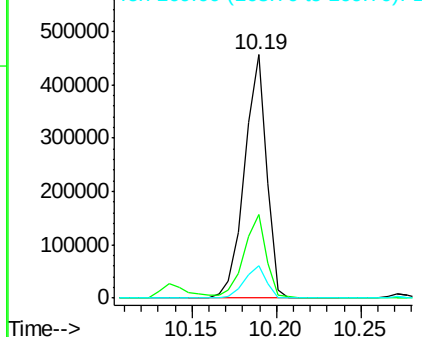


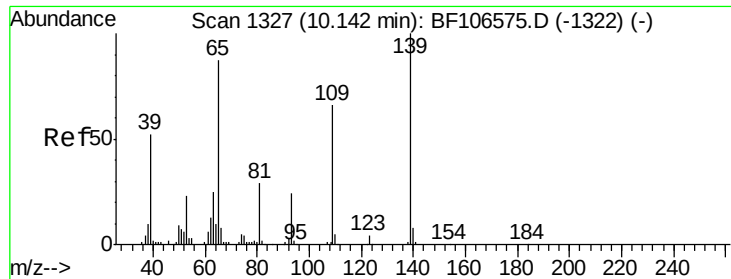
#54
Dibenzofuran
Concen: 39.721 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

Tgt Ion:168 Resp: 417970
Ion Ratio Lower Upper
168 100
139 34.5 30.1 45.1
169 13.4 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

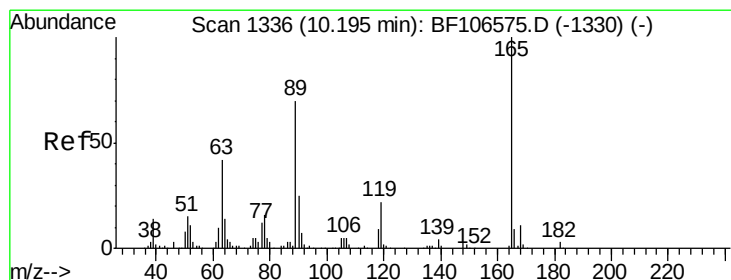
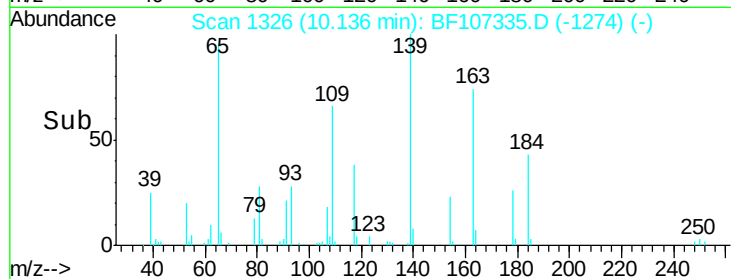
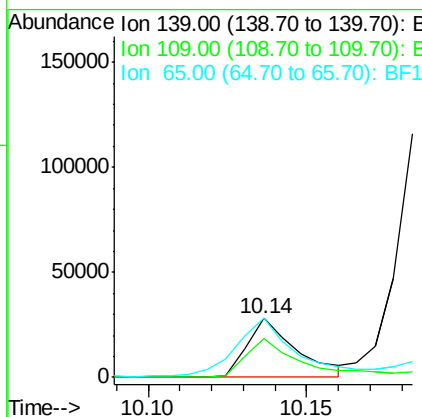
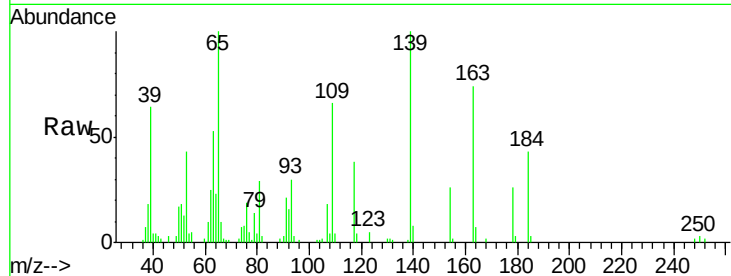




#55
4-Nitrophenol
Concen: 19.214 ng
RT: 10.14 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

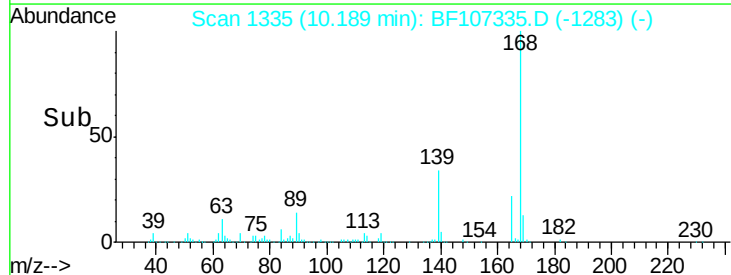
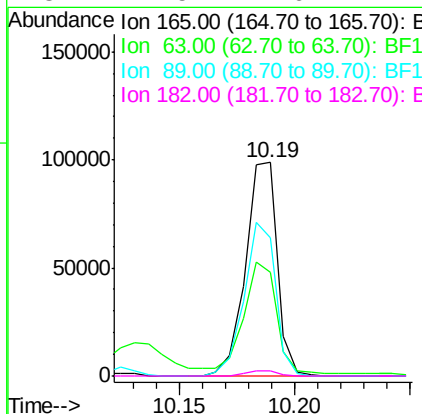
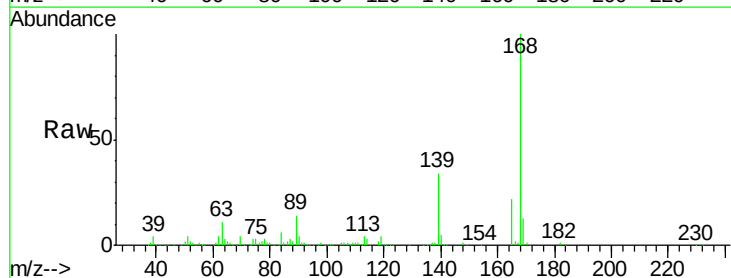
Instrument :
BNA_F
ClientSampleId :
PB110879BS

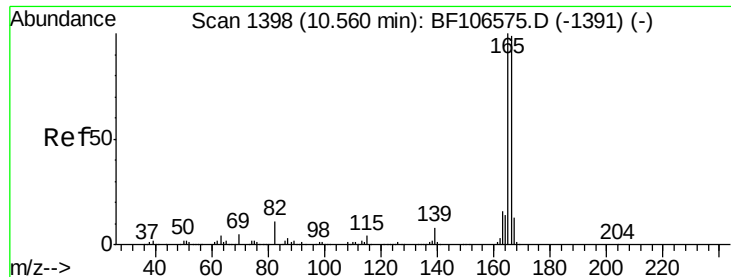
Tgt Ion:139 Resp: 30201
Ion Ratio Lower Upper
139 100
109 66.4 48.4 88.4
65 100.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 37.331 ng
RT: 10.19 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

Tgt Ion:165 Resp: 95354
Ion Ratio Lower Upper
165 100
63 48.7 36.4 54.6
89 64.7 57.8 86.6
182 2.5 1.6 2.4#

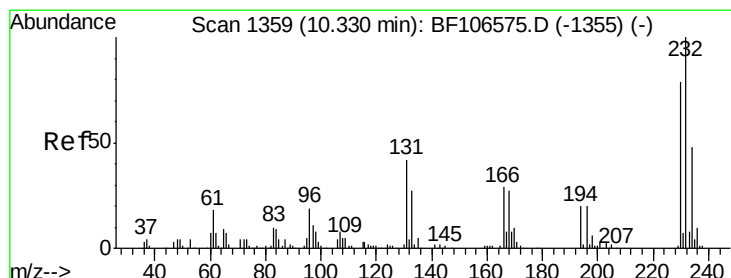
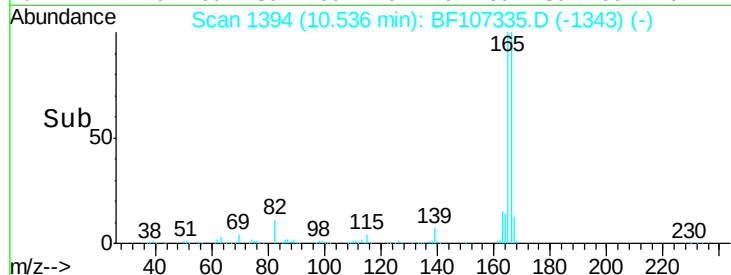
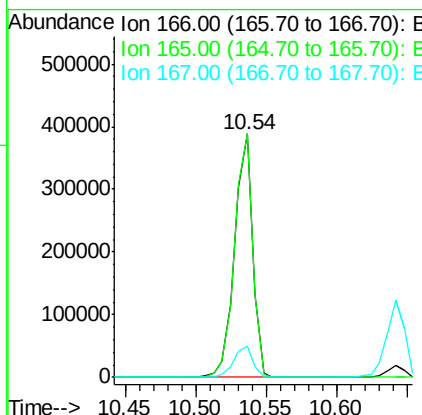
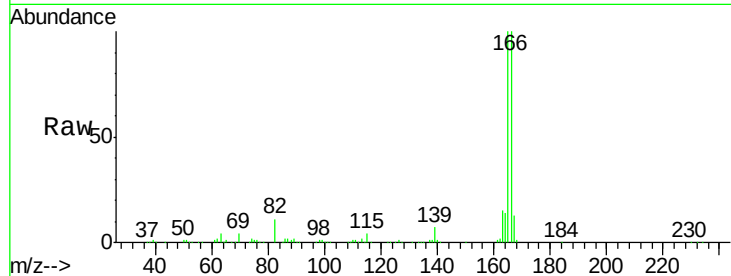




#57
Fluorene
Concen: 41.393 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

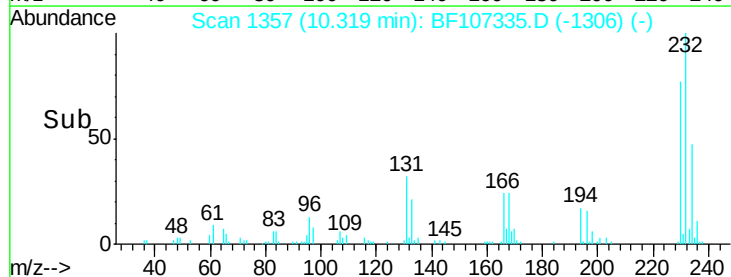
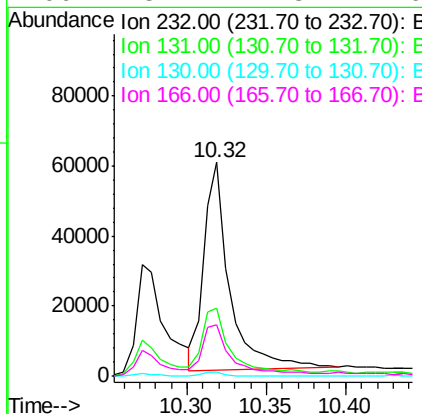
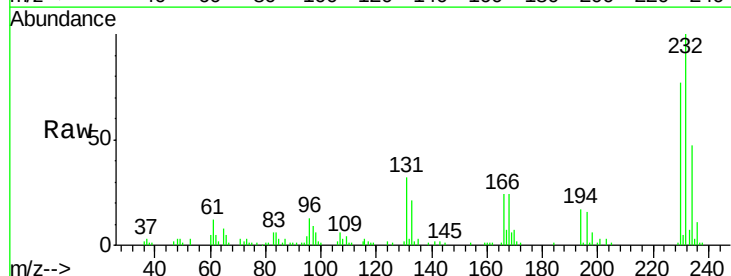
Instrument :
BNA_F
ClientSampleId :
PB110879BS

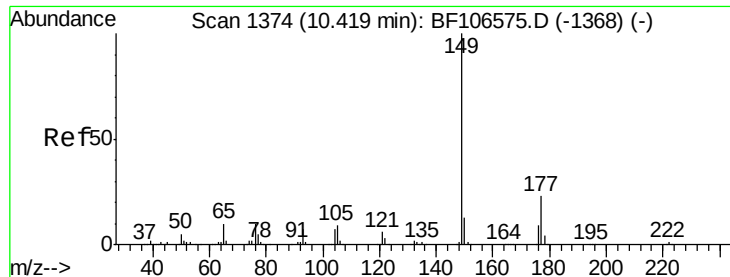
Tgt Ion:166 Resp: 345629
Ion Ratio Lower Upper
166 100
165 99.9 79.8 119.8
167 12.9 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 29.671 ng
RT: 10.32 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

Tgt Ion:232 Resp: 67883
Ion Ratio Lower Upper
232 100
131 33.7 43.8 65.8#
130 1.5 2.1 3.1#
166 23.1 27.8 41.6#

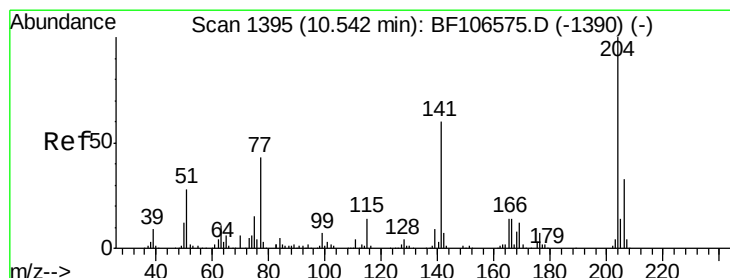
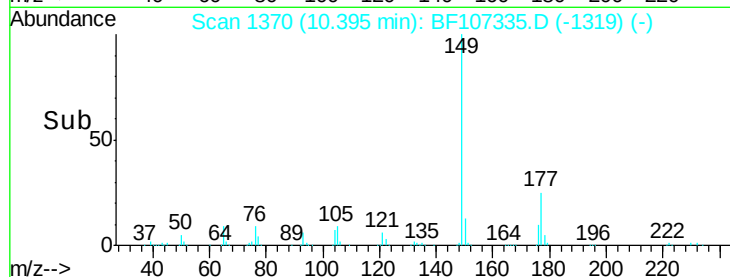
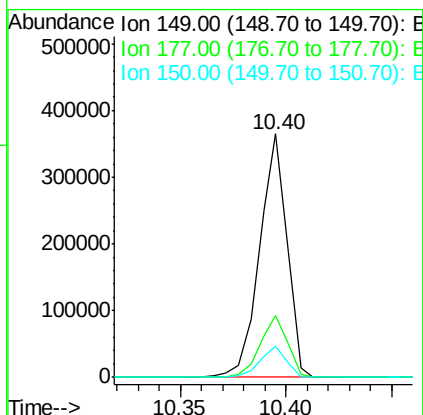
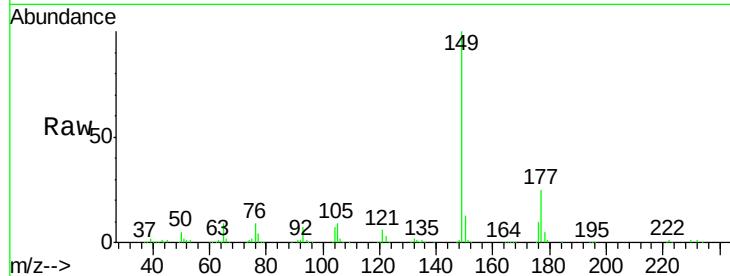




#59
Diethylphthalate
Concen: 36.893 ng
RT: 10.40 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

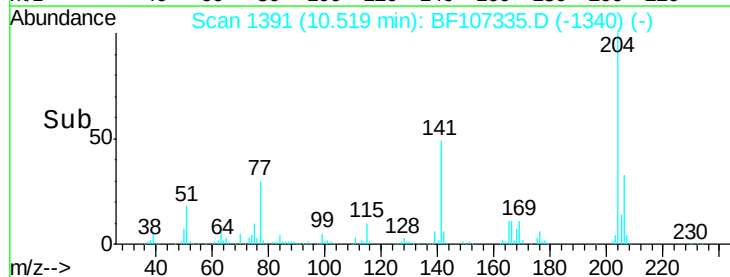
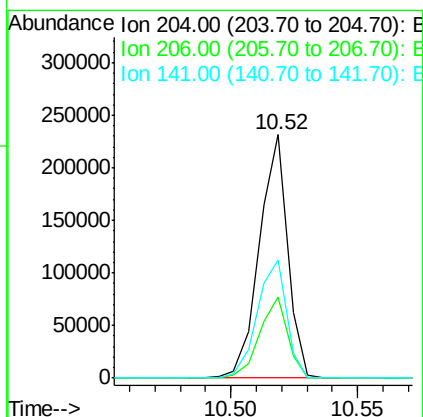
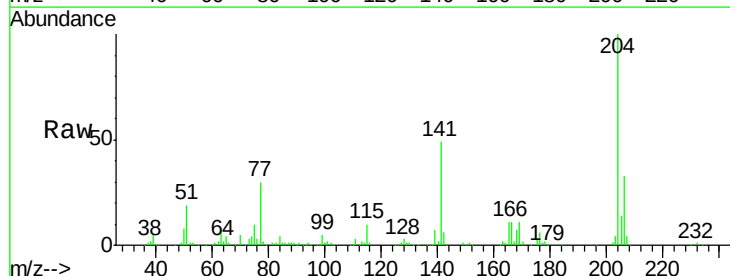
Instrument :
BNA_F
ClientSampleId :
PB110879BS

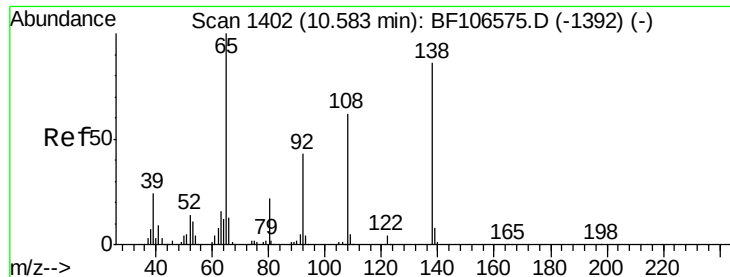
Tgt Ion:149 Resp: 329065
Ion Ratio Lower Upper
149 100
177 25.2 16.1 24.1#
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.568 ng
RT: 10.52 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

Tgt Ion:204 Resp: 181608
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 48.8 54.6 81.8#

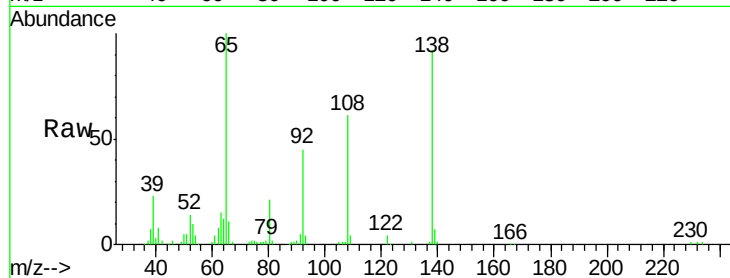




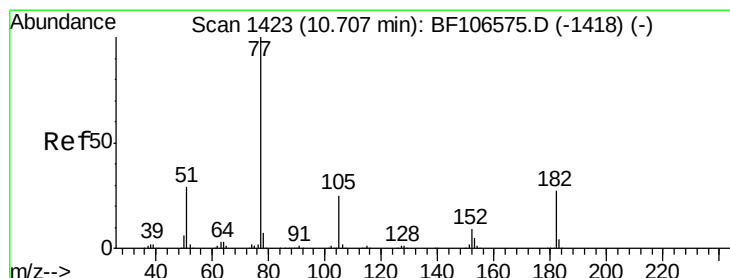
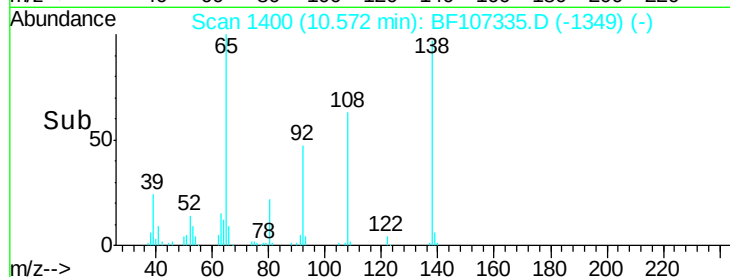
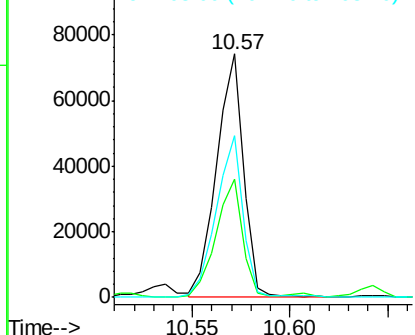
#61
4-Nitroaniline
Concen: 31.745 ng
RT: 10.57 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tgt Ion:138 Resp: 70946
Ion Ratio Lower Upper
138 100
92 48.4 30.2 70.2
108 66.3 52.5 92.5

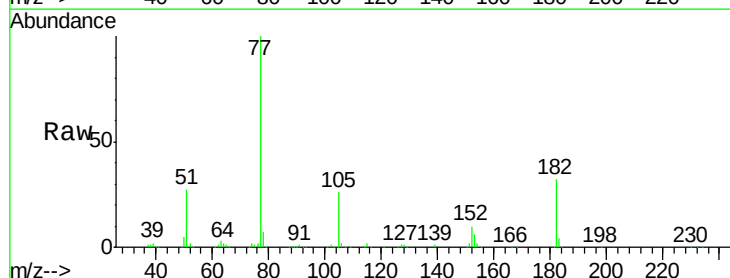


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

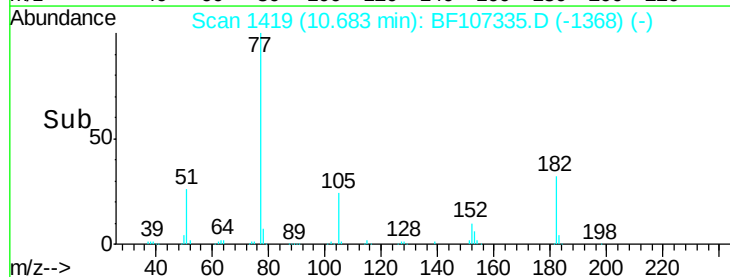
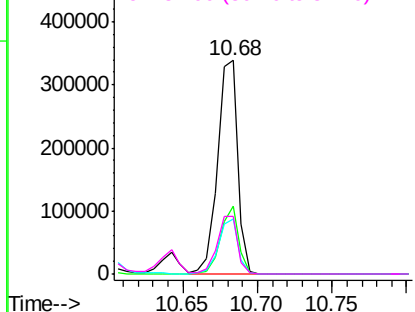


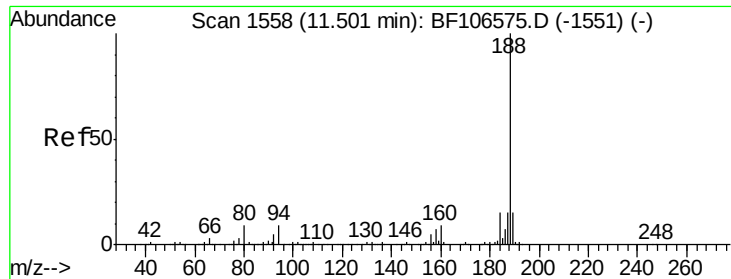
#62
Azobenzene
Concen: 36.602 ng
RT: 10.68 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

Tgt Ion: 77 Resp: 321492
Ion Ratio Lower Upper
77 100
182 31.7 1.7 41.7
105 25.8 3.0 43.0
51 26.8 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1554

Delta R.T. -0.00 min

Lab File: BF107335.D

Acq: 12 Jul 2018 13:37

Instrument :

BNA_F

ClientSampleId :

PB110879BS

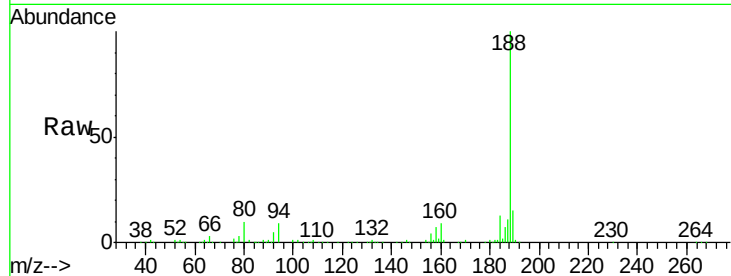
Tgt Ion:188 Resp: 236410

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

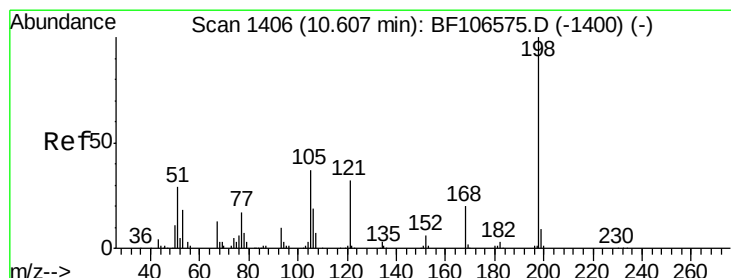
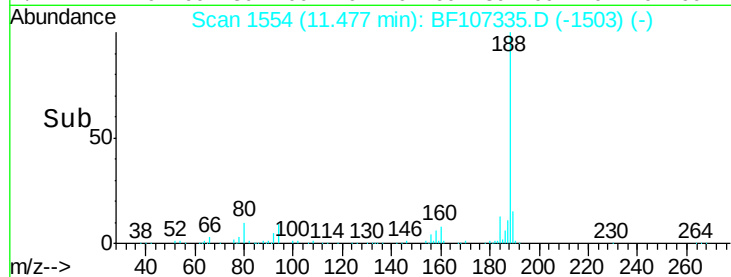
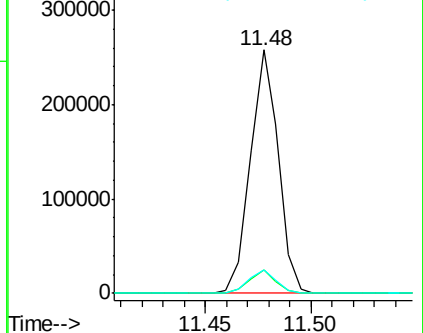
80 9.6 9.2 13.8



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: 34.031 ng

RT: 10.61 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BF107335.D

Acq: 12 Jul 2018 13:37

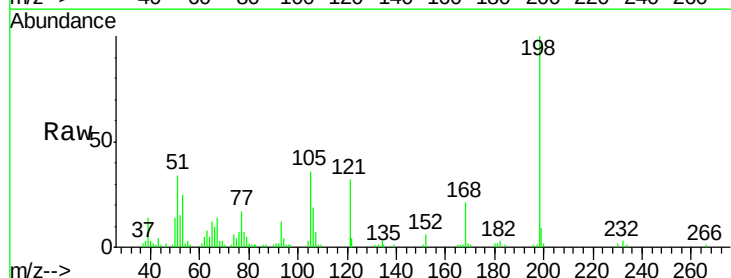
Tgt Ion:198 Resp: 49732

Ion Ratio Lower Upper

198 100

51 34.1 37.7 77.7#

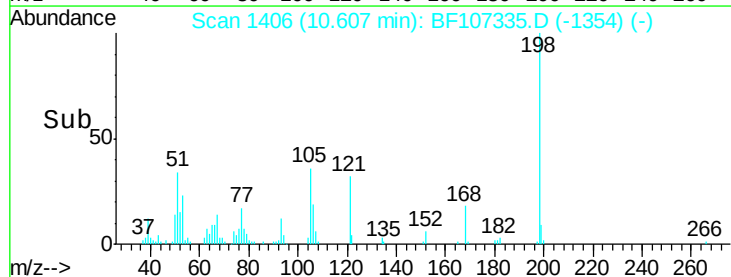
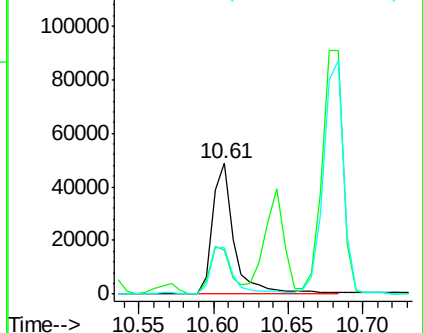
105 35.8 36.3 76.3#

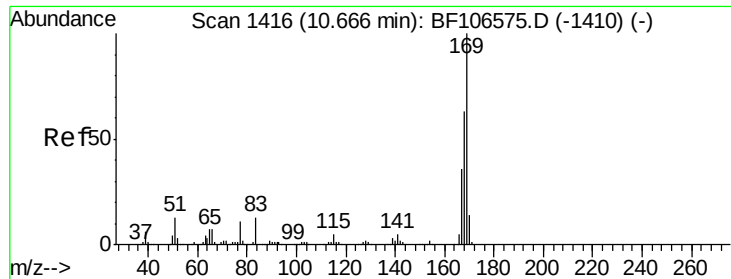


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

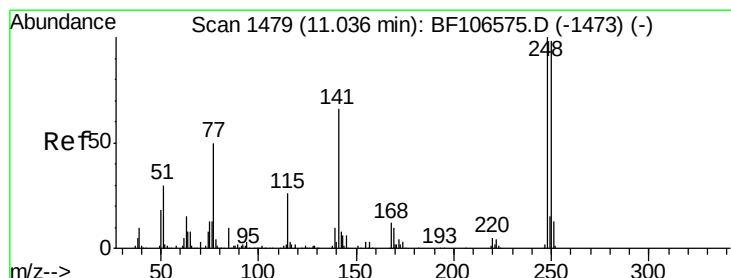
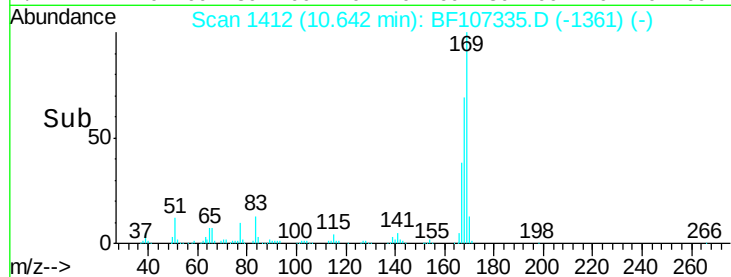
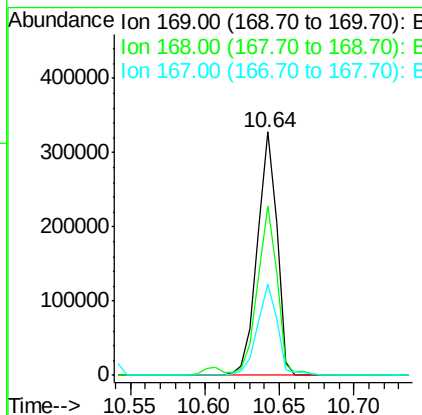
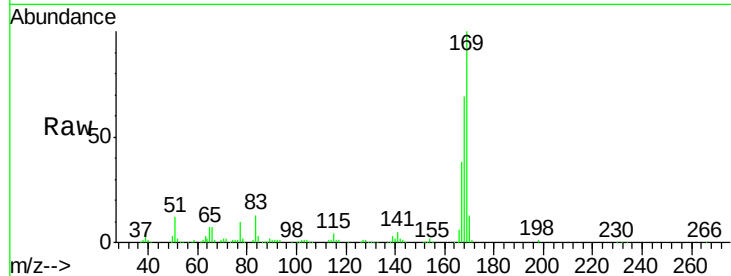




#65
n-Nitrosodiphenylamine
Concen: 37.215 ng
RT: 10.64 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

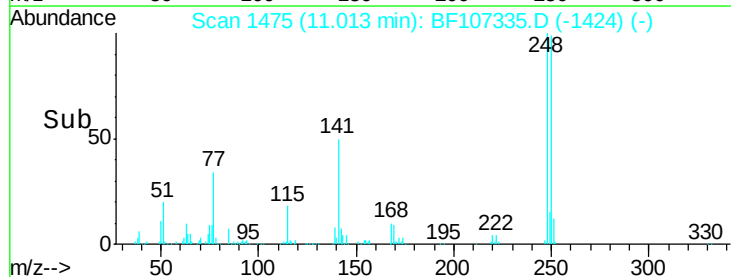
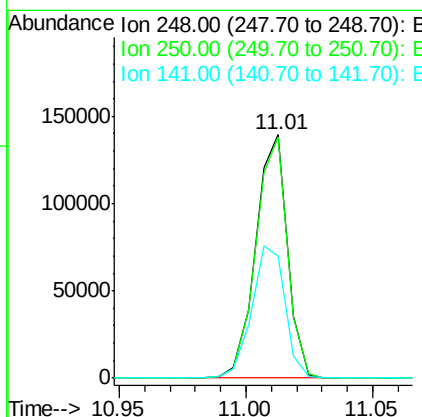
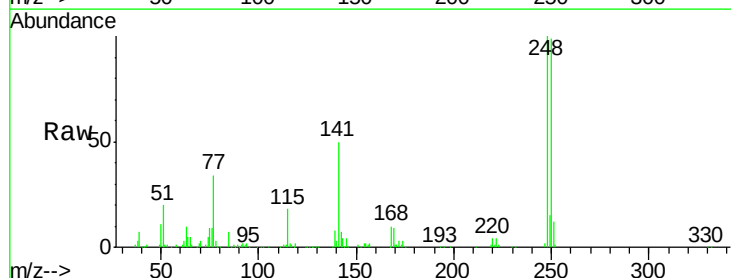
Instrument :
BNA_F
ClientSampleId :
PB110879BS

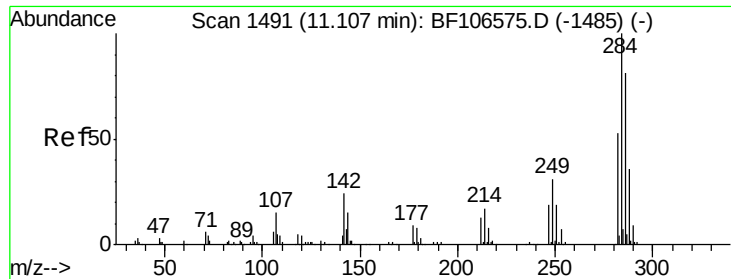
Tgt Ion:169 Resp: 295921
Ion Ratio Lower Upper
169 100
168 69.4 54.4 81.6
167 37.7 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 43.006 ng
RT: 11.01 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

Tgt Ion:248 Resp: 121338
Ion Ratio Lower Upper
248 100
250 99.1 76.9 115.3
141 50.2 74.4 111.6#

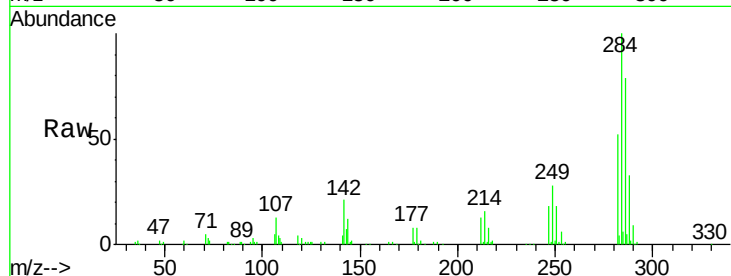




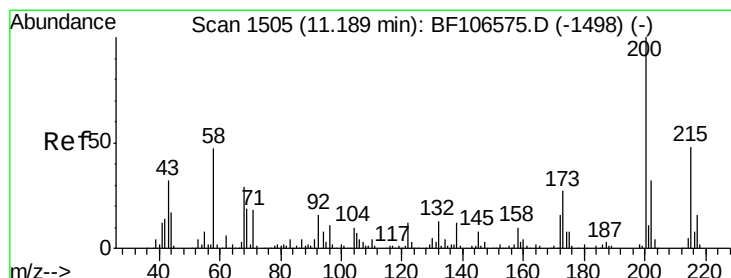
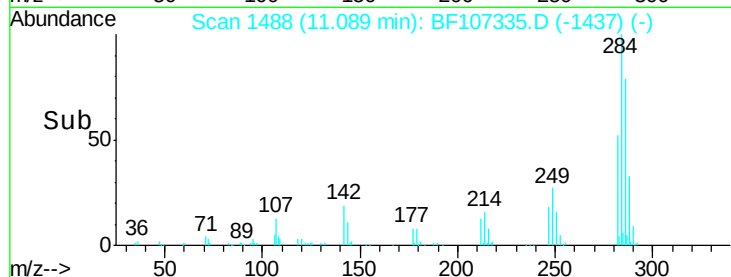
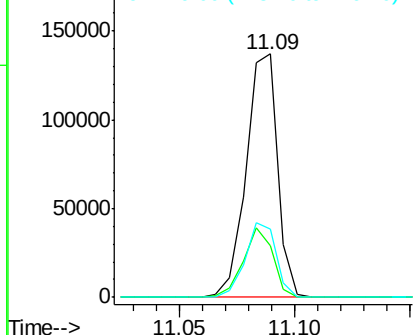
#67
Hexachlorobenzene
Concen: 44.263 ng
RT: 11.09 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tgt Ion: 284 Resp: 130708
Ion Ratio Lower Upper
284 100
142 21.2 34.6 52.0#
249 27.9 24.8 37.2

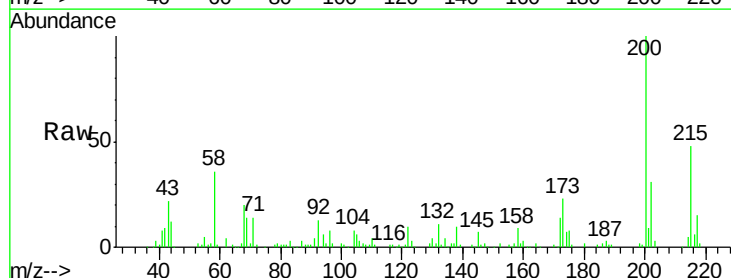


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

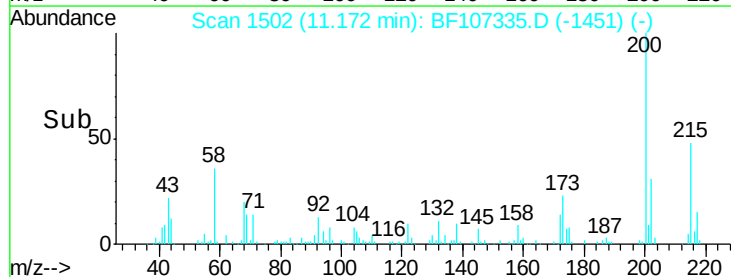
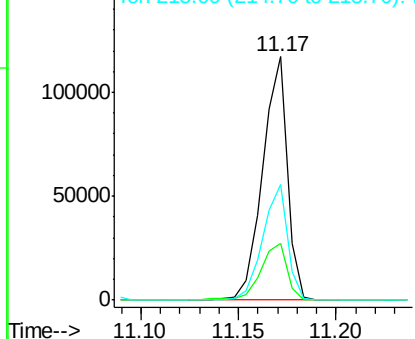


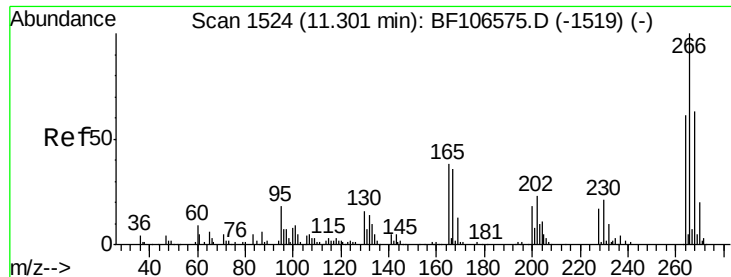
#68
Atrazine
Concen: 40.686 ng
RT: 11.17 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

Tgt Ion: 200 Resp: 102848
Ion Ratio Lower Upper
200 100
173 23.3 8.6 48.6
215 47.7 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

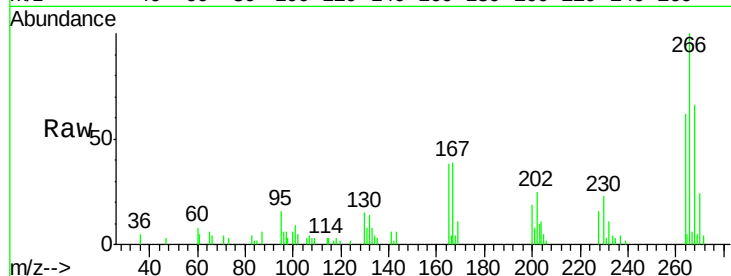




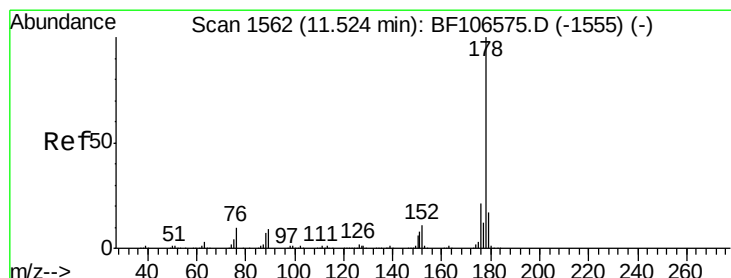
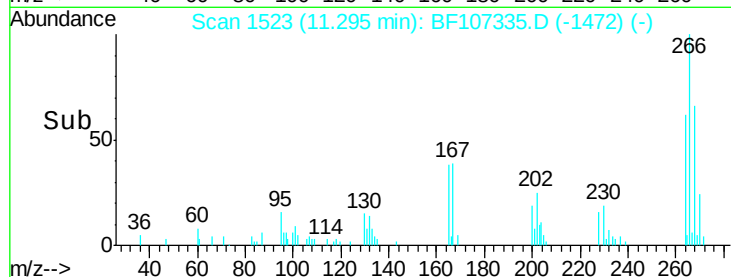
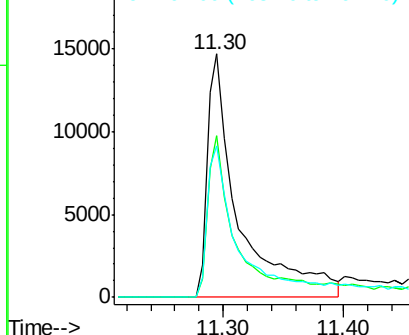
#69
 Pentachlorophenol
 Concen: 17.976 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BF107335.D
 Acq: 12 Jul 2018 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tgt Ion: 266 Resp: 26487
 Ion Ratio Lower Upper
 266 100
 268 66.5 51.1 76.7
 264 62.3 49.5 74.3

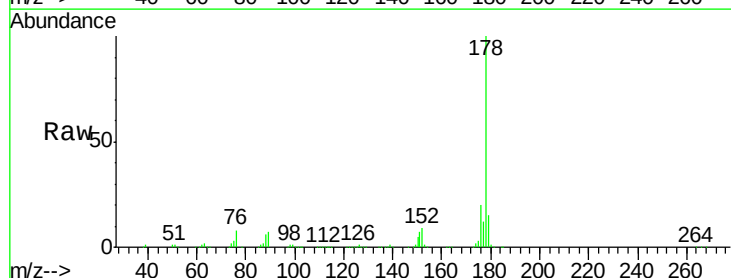


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

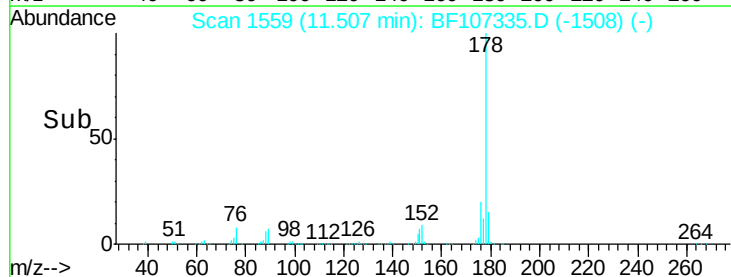
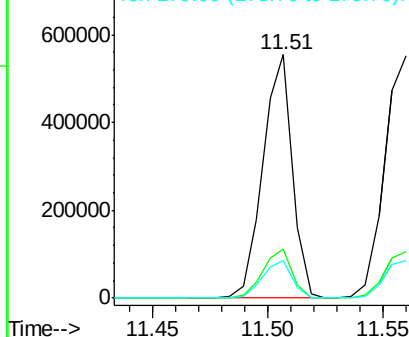


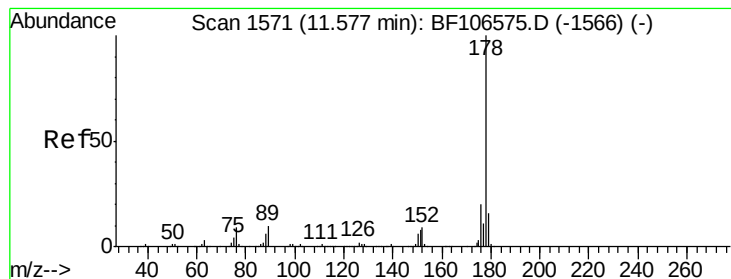
#70
 Phenanthrene
 Concen: 43.143 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: BF107335.D
 Acq: 12 Jul 2018 13:37

Tgt Ion: 178 Resp: 491945
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.4 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

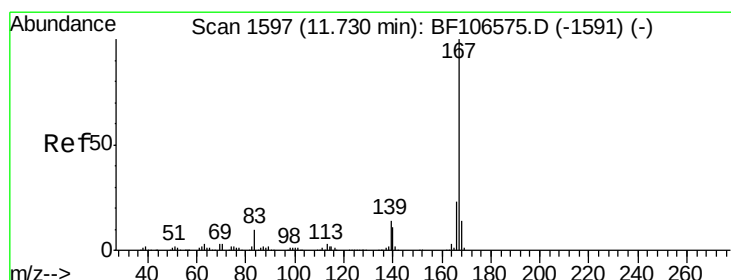
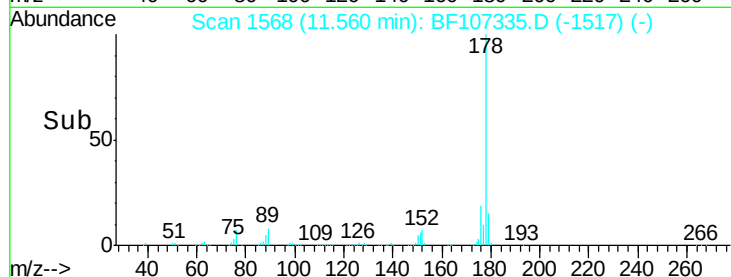
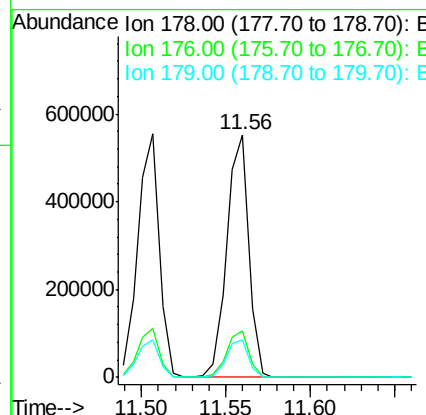
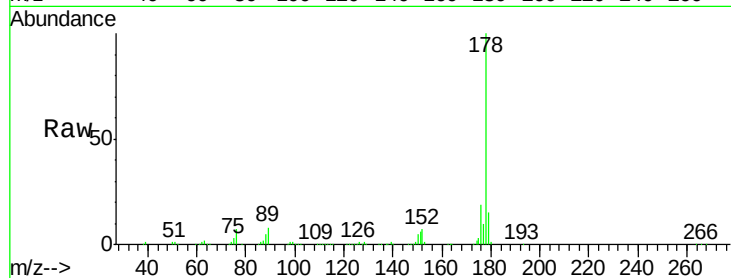




#71
 Anthracene
 Concen: 42.984 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BF107335.D
 Acq: 12 Jul 2018 13:37

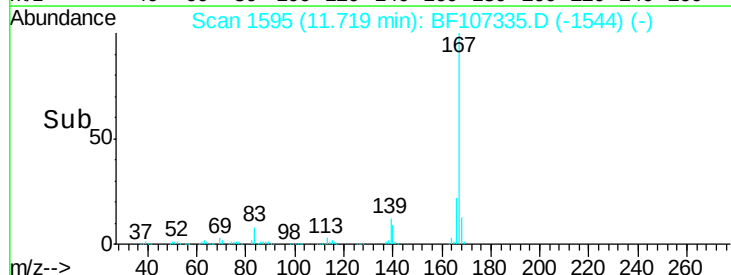
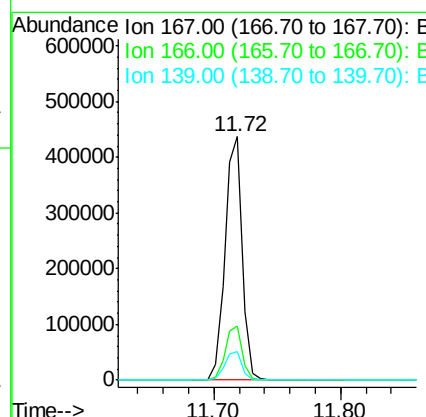
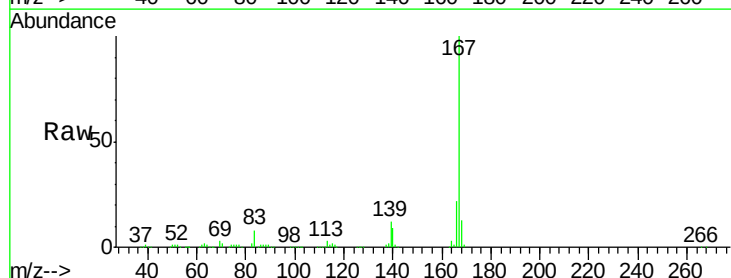
Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

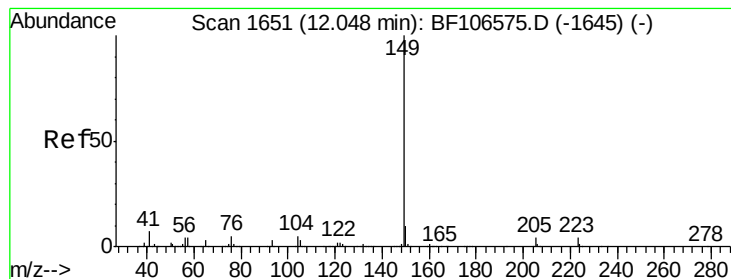
Tgt Ion:178 Resp: 500278
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 38.045 ng
 RT: 11.72 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BF107335.D
 Acq: 12 Jul 2018 13:37

Tgt Ion:167 Resp: 414562
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 11.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.945 ng

RT: 12.02 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BF107335.D

Acq: 12 Jul 2018 13:37

Instrument :

BNA_F

ClientSampleId :

PB110879BS

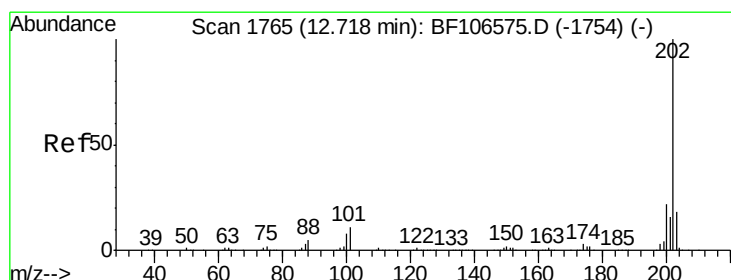
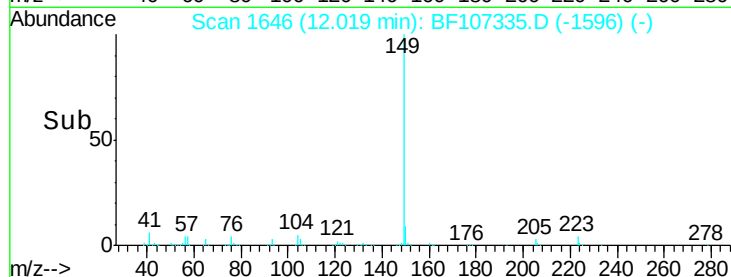
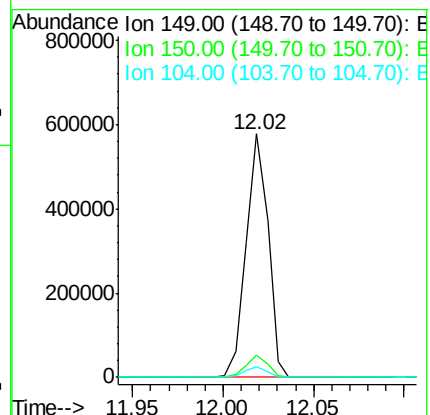
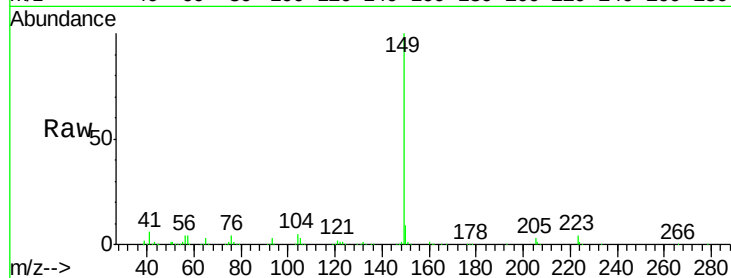
Tgt Ion:149 Resp: 487101

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

104 4.6 3.8 5.8



#74

Fluoranthene

Concen: 39.315 ng

RT: 12.70 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF107335.D

Acq: 12 Jul 2018 13:37

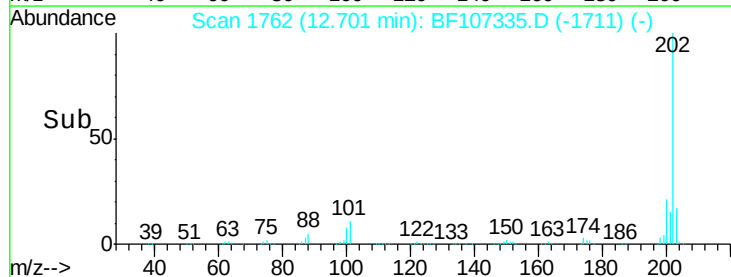
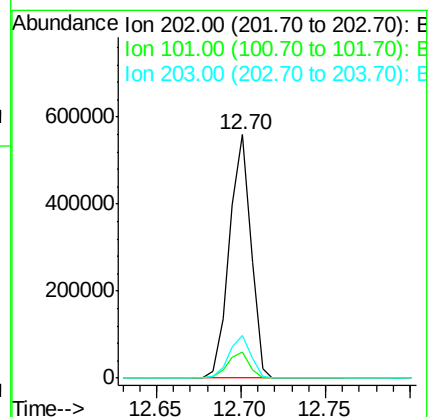
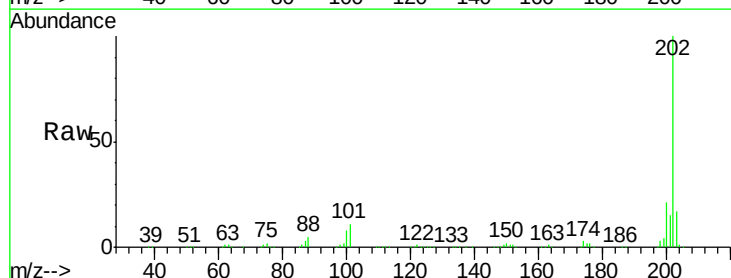
Tgt Ion:202 Resp: 494111

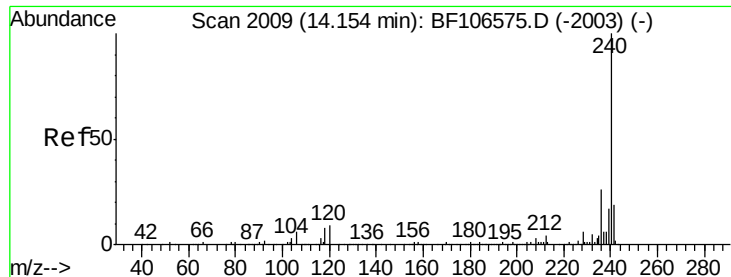
Ion Ratio Lower Upper

202 100

101 10.6 0.0 34.1

203 17.5 0.0 38.1

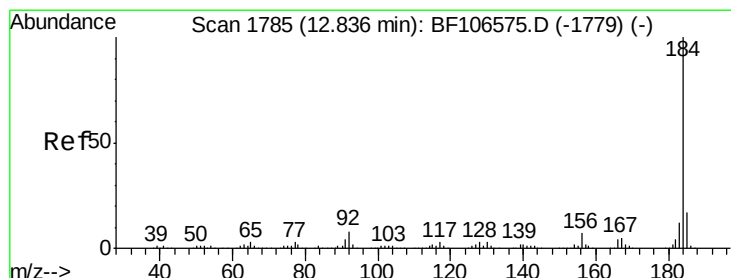
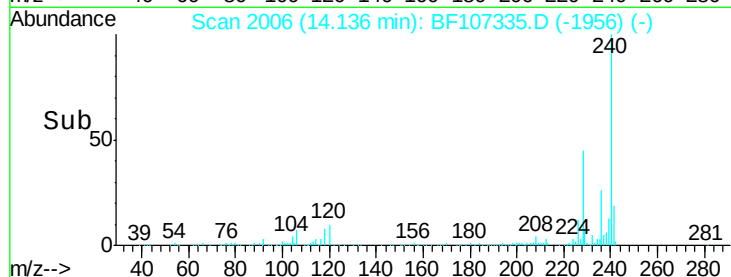
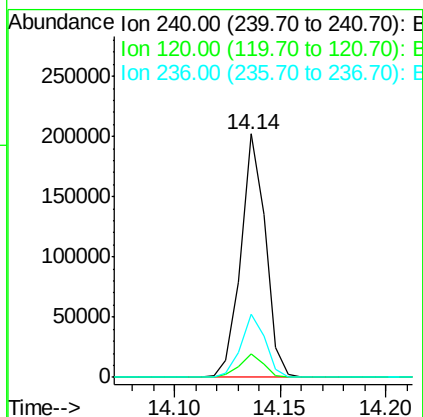
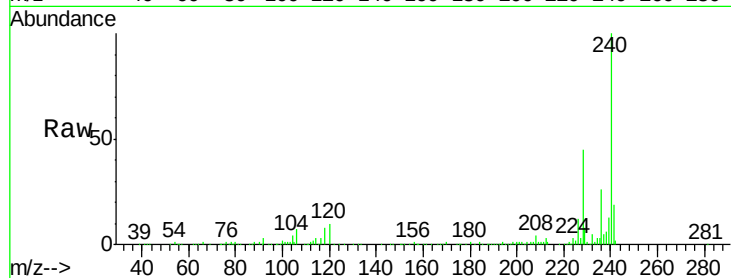




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

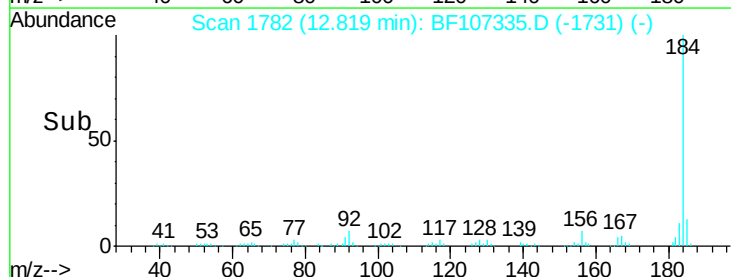
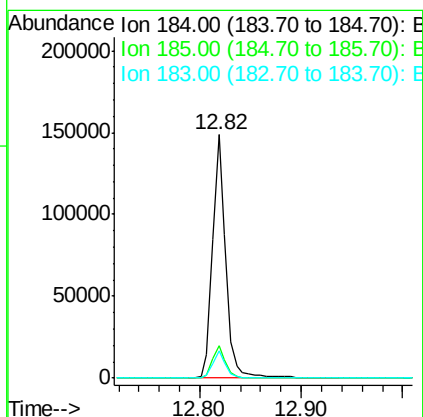
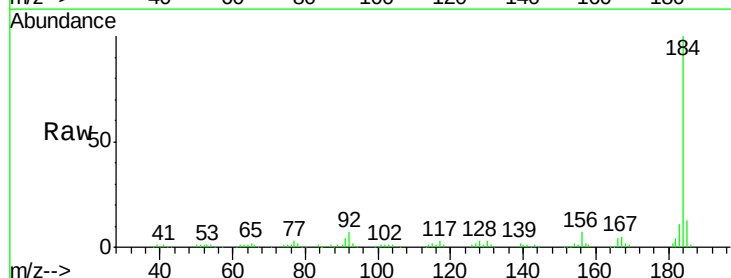
Instrument :
BNA_F
ClientSampleId :
PB110879BS

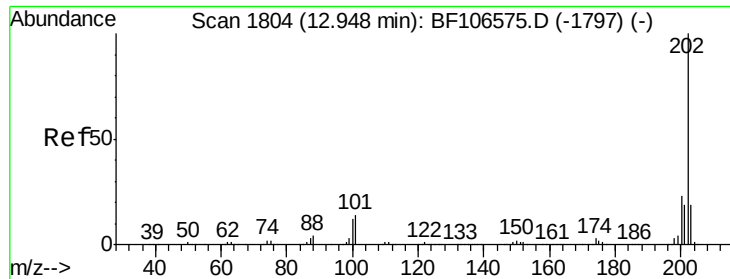
Tgt Ion:240 Resp: 162949
Ion Ratio Lower Upper
240 100
120 9.7 9.5 14.3
236 26.0 20.7 31.1



#76
Benzidine
Concen: 29.104 ng
RT: 12.82 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

Tgt Ion:184 Resp: 135062
Ion Ratio Lower Upper
184 100
185 13.3 12.6 18.8
183 11.0 9.3 13.9

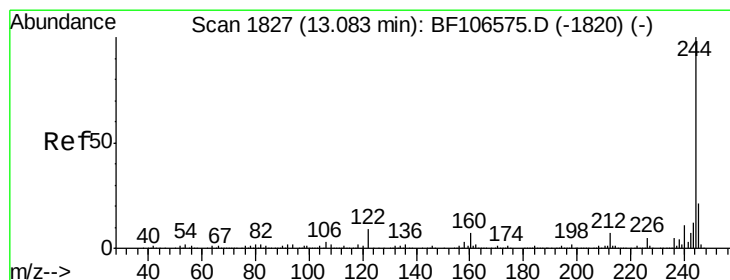
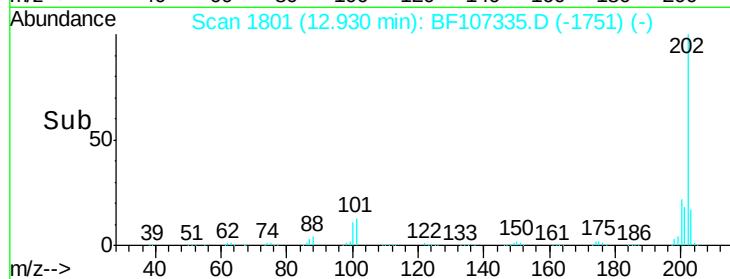
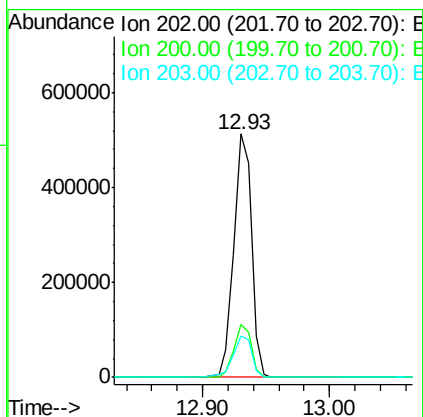
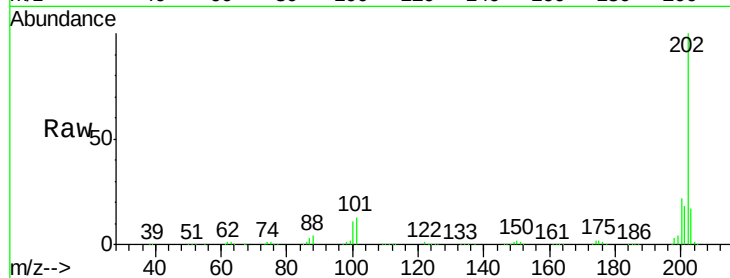




#77
 Pyrene
 Concen: 45.462 ng
 RT: 12.93 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BF107335.D
 Acq: 12 Jul 2018 13:37

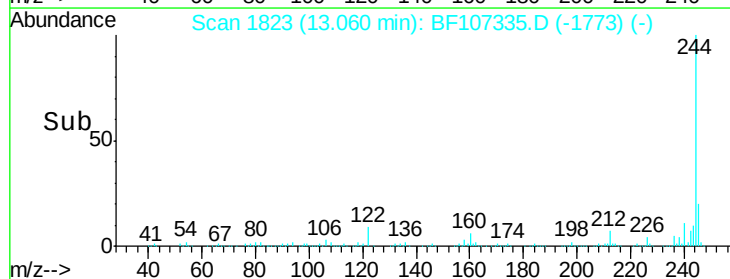
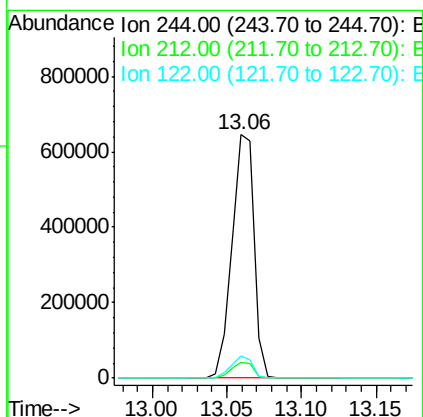
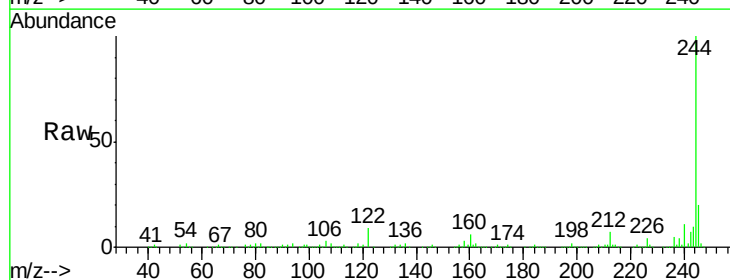
Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

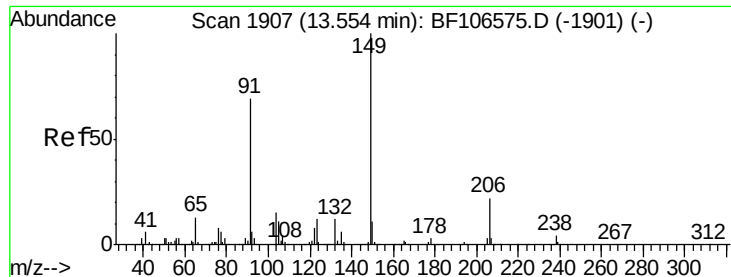
Tgt Ion: 202 Resp: 488503
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.4 26.2
 203 17.2 14.3 21.5



#78
 Terphenyl-d14
 Concen: 100.429 ng
 RT: 13.06 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF107335.D
 Acq: 12 Jul 2018 13:37

Tgt Ion: 244 Resp: 675589
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 9.1 11.0 16.4#

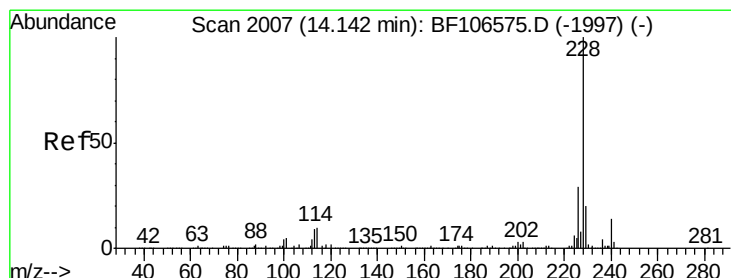
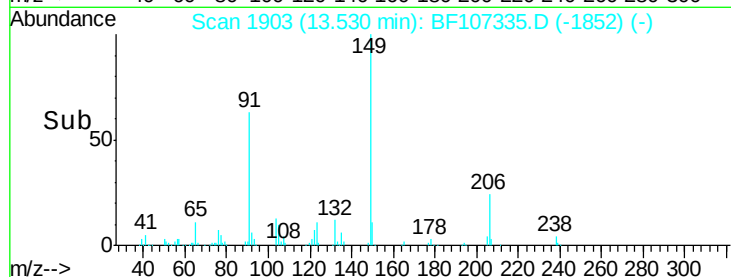
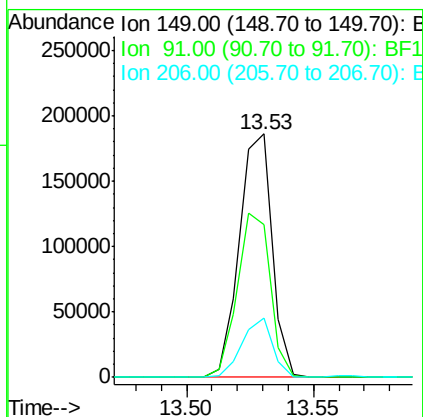
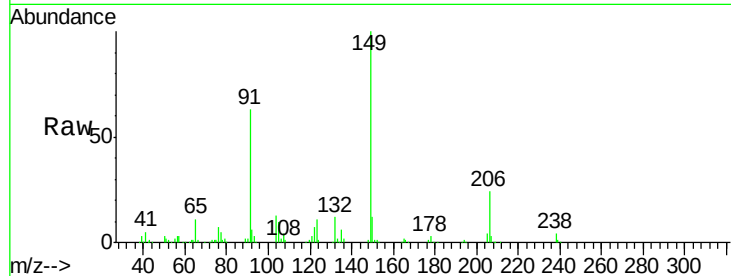




#79
Butylbenzylphthalate
Concen: 38.028 ng
RT: 13.53 min Scan# 1903
Delta R.T. -0.00 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

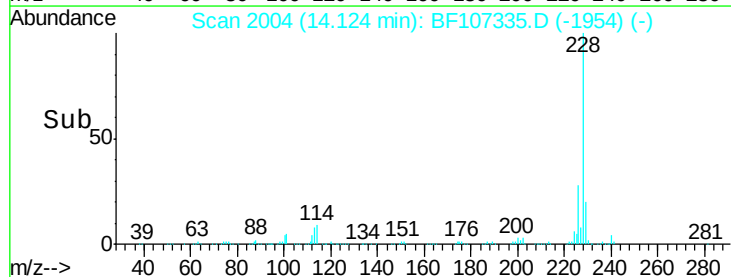
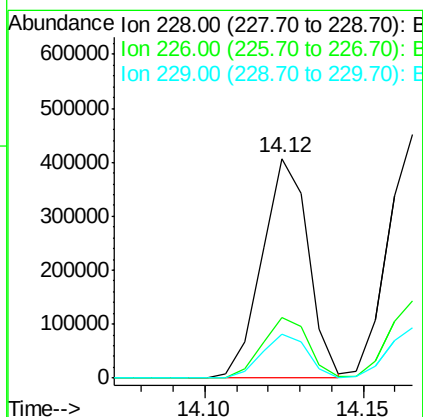
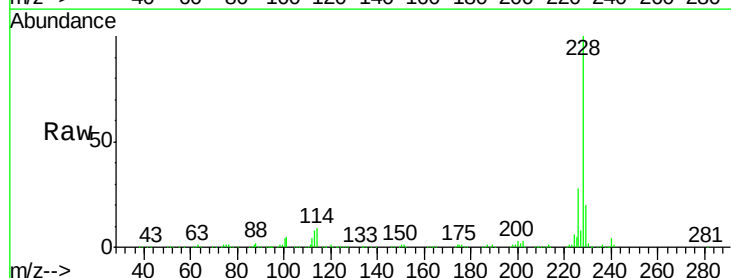
Instrument :
BNA_F
ClientSampleId :
PB110879BS

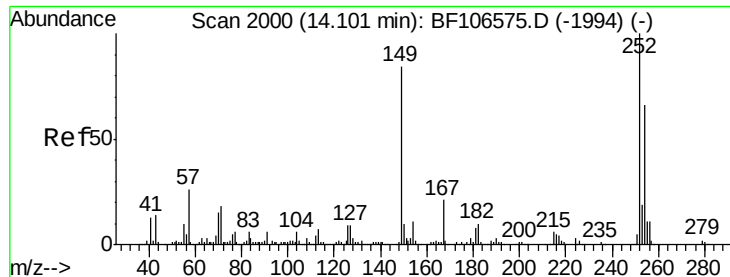
Tgt Ion:149 Resp: 168004
Ion Ratio Lower Upper
149 100
91 62.8 56.8 85.2
206 24.3 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 41.463 ng
RT: 14.12 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

Tgt Ion:228 Resp: 411779
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 19.9 15.8 23.6

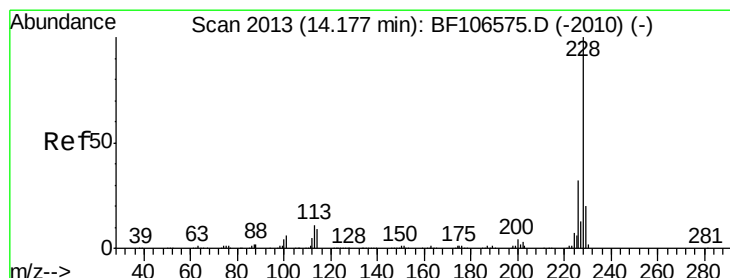
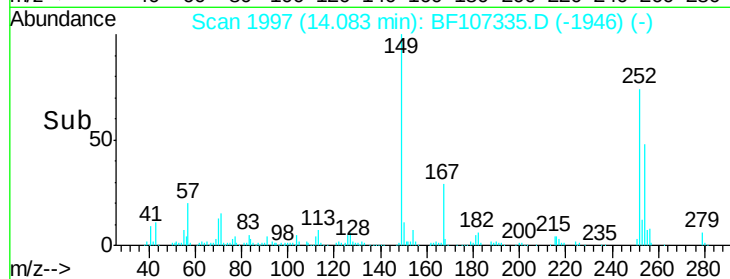
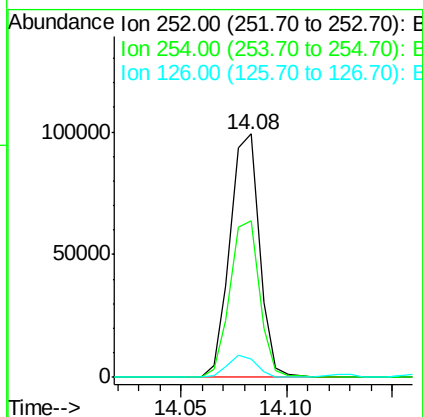
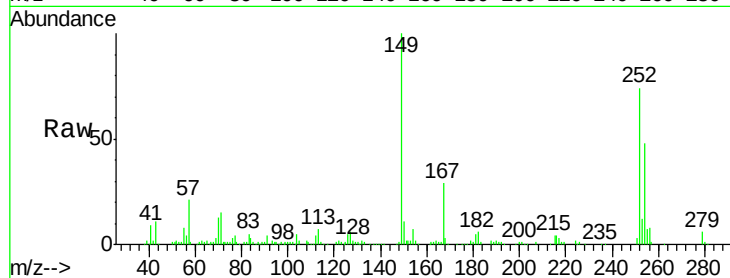




#81
 3,3'-Dichlorobenzidine
 Concen: 27.387 ng
 RT: 14.08 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BF107335.D
 Acq: 12 Jul 2018 13:37

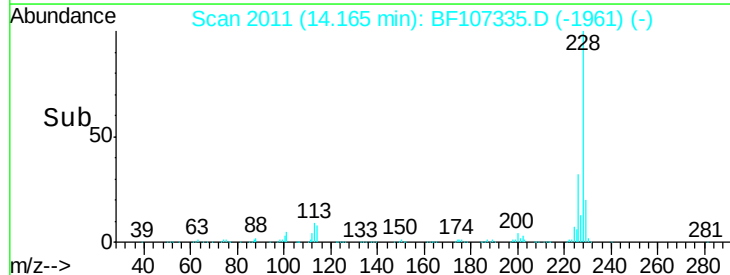
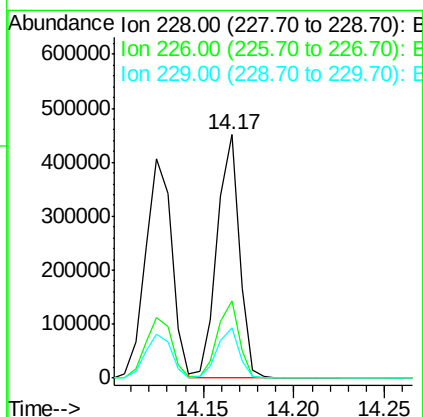
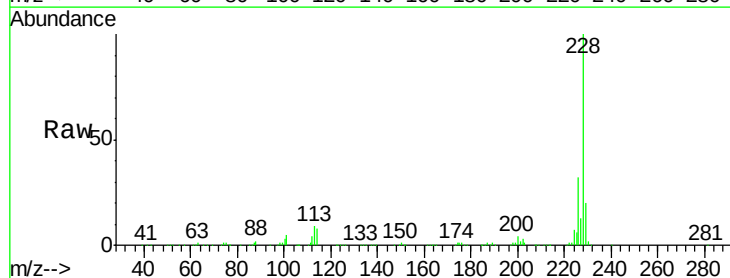
Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

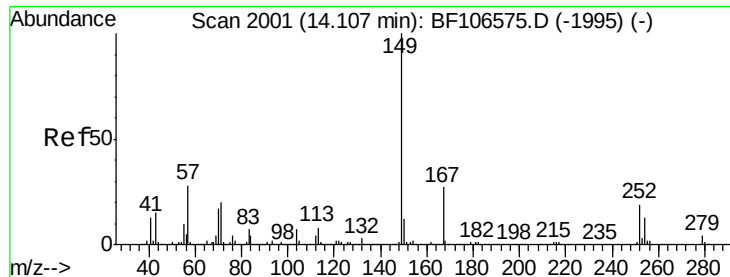
Tgt Ion:252 Resp: 95591
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.4 75.6
 126 7.3 11.3 16.9#



#82
 Chrysene
 Concen: 42.363 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF107335.D
 Acq: 12 Jul 2018 13:37

Tgt Ion:228 Resp: 387057
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.0 37.6
 229 20.5 16.2 24.4

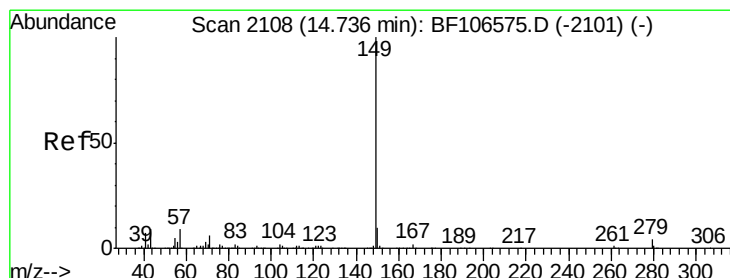
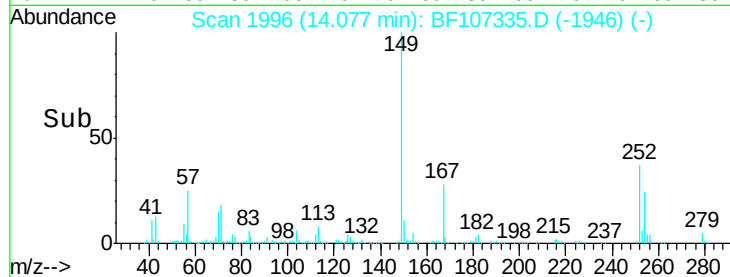
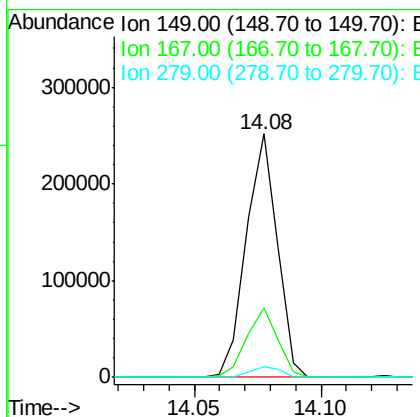
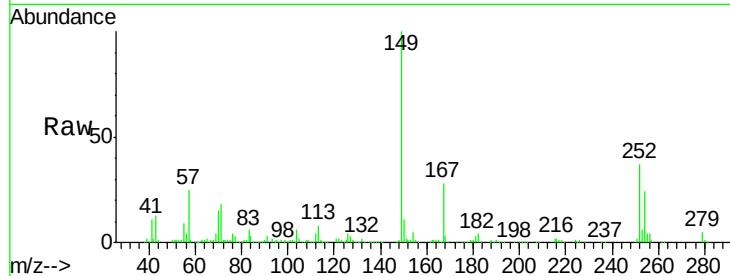




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.138 ng
 RT: 14.08 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF107335.D
 Acq: 12 Jul 2018 13:37

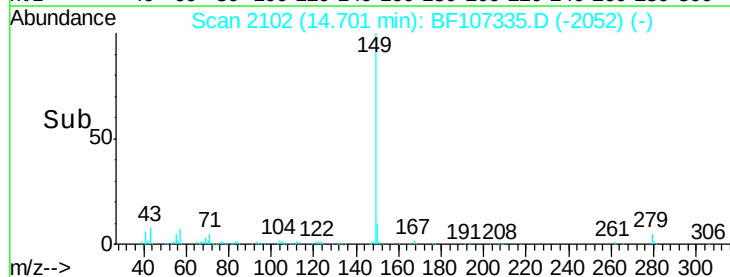
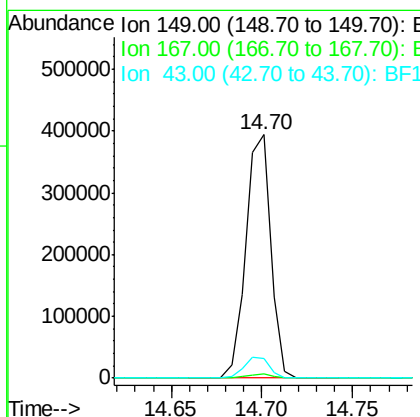
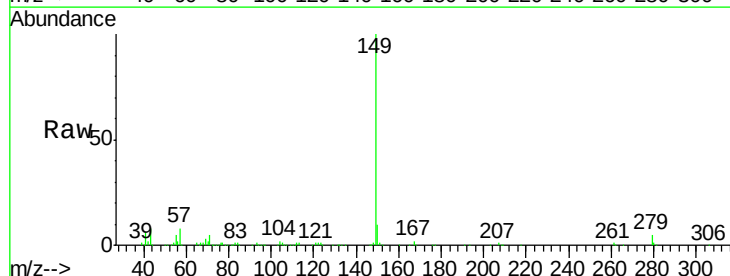
Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

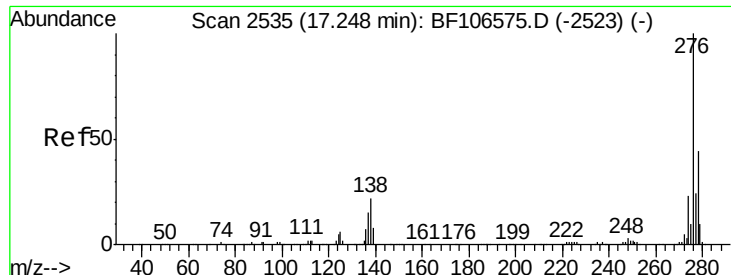
Tgt Ion:149 Resp: 215413
 Ion Ratio Lower Upper
 149 100
 167 28.3 21.3 31.9
 279 4.5 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 40.784 ng
 RT: 14.70 min Scan# 2102
 Delta R.T. -0.01 min
 Lab File: BF107335.D
 Acq: 12 Jul 2018 13:37

Tgt Ion:149 Resp: 375493
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 8.5 8.4 12.6

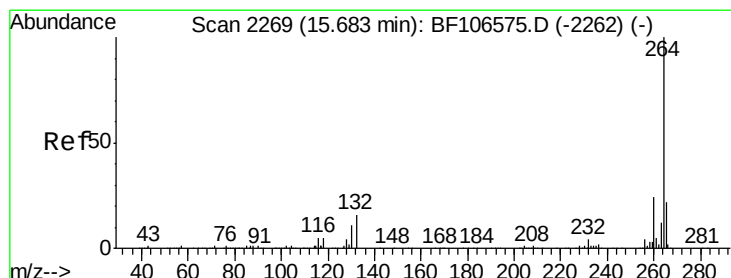
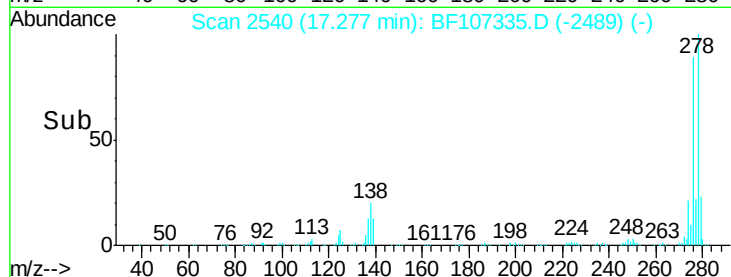
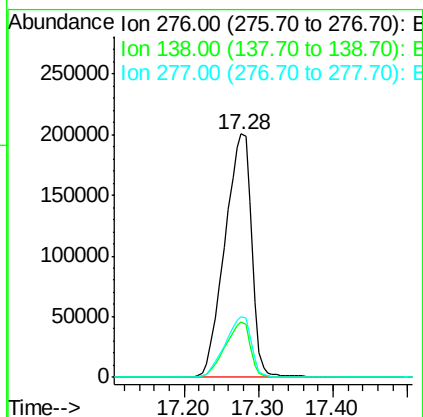
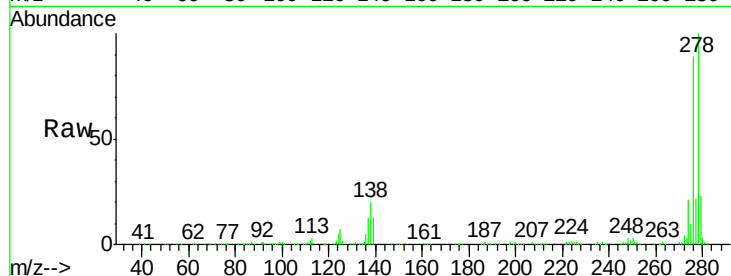




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 64.695 ng
 RT: 17.28 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BF107335.D
 Acq: 12 Jul 2018 13:37

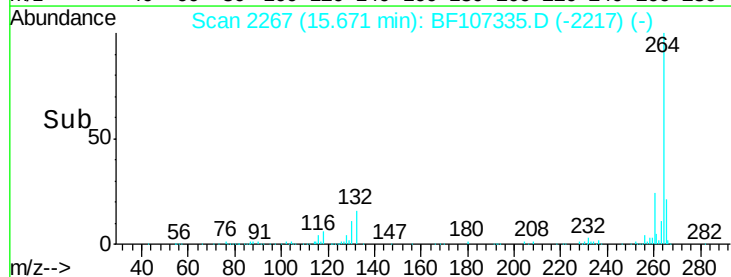
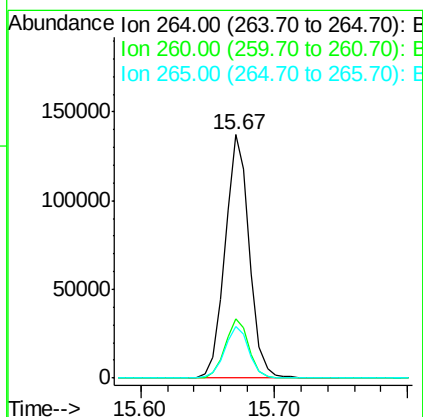
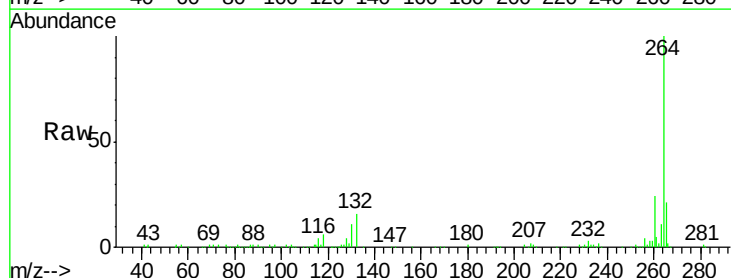
Instrument :
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 ClientSampleId :
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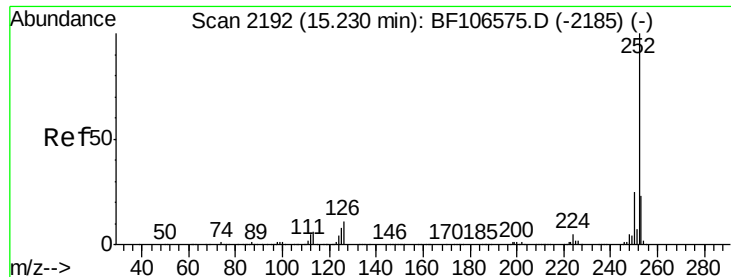
Tgt Ion:276 Resp: 501620
 Ion Ratio Lower Upper
 276 100
 138 21.5 25.0 37.6#
 277 24.6 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BF107335.D
 Acq: 12 Jul 2018 13:37

Tgt Ion:264 Resp: 174850
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.3 17.5 26.3

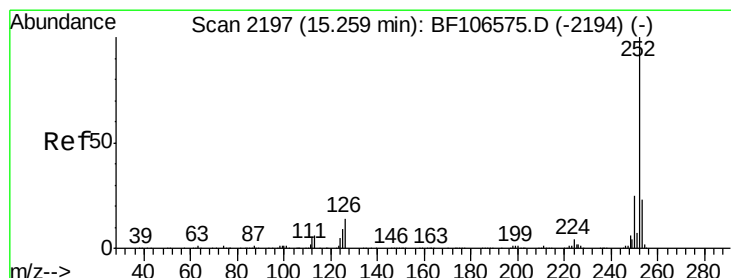
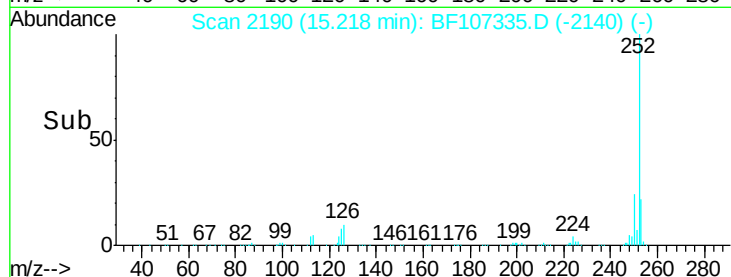
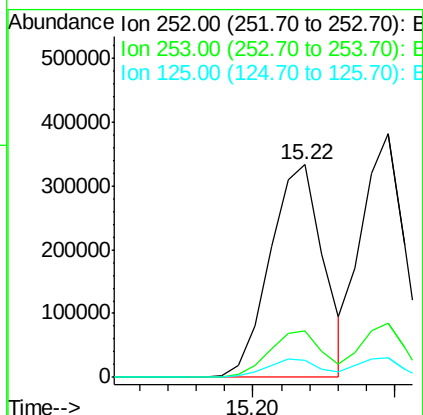
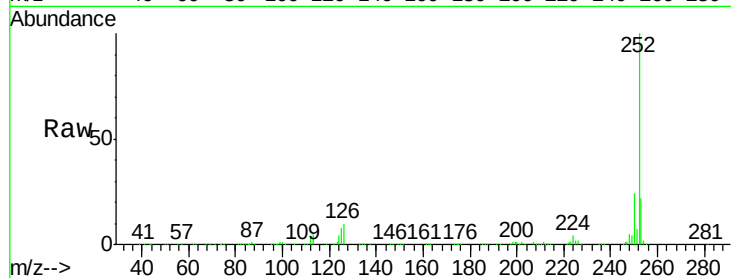




#87
Benzo(b)fluoranthene
Concen: 40.300 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

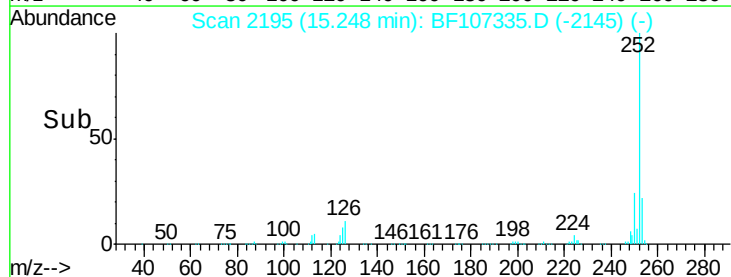
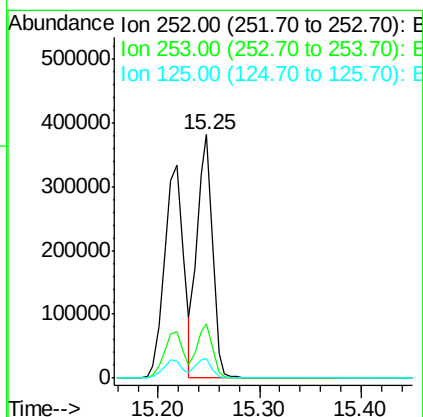
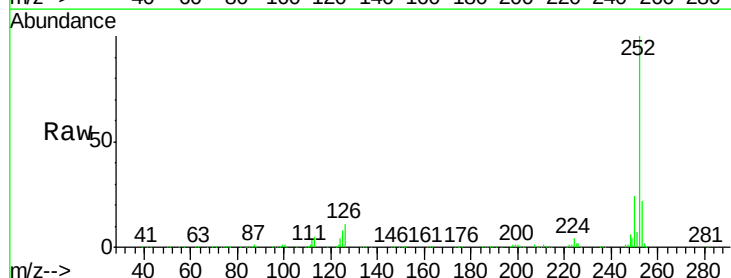
Instrument :
BNA_F
ClientSampleId :
PB110879BS

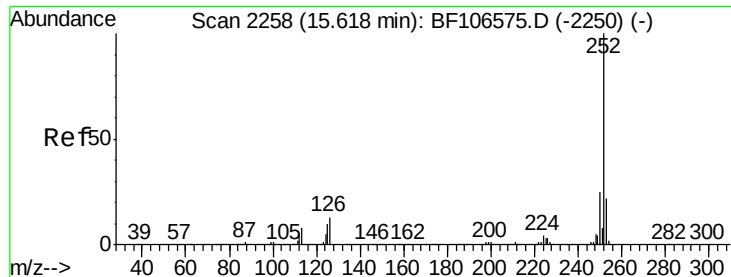
Tgt Ion:252 Resp: 437725
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 7.9 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 38.964 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF107335.D
Acq: 12 Jul 2018 13:37

Tgt Ion:252 Resp: 403019
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 7.9 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 43.648 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.01 min

Lab File: BF107335.D

Acq: 12 Jul 2018 13:37

Instrument :

BNA_F

ClientSampleId :

PB110879BS

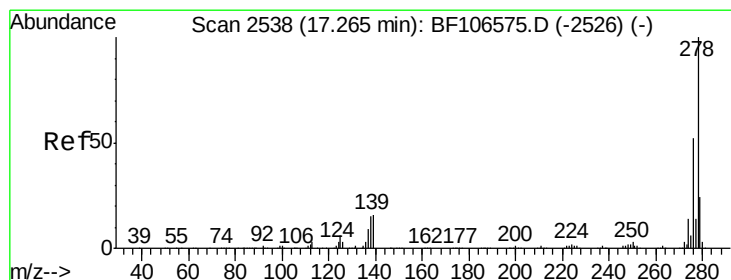
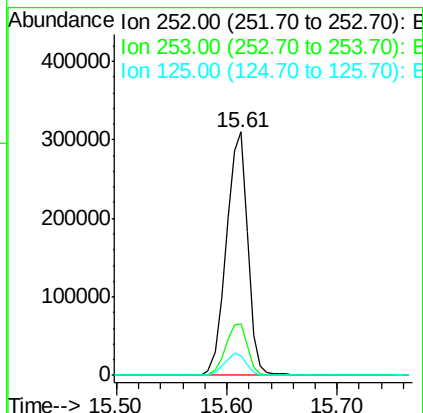
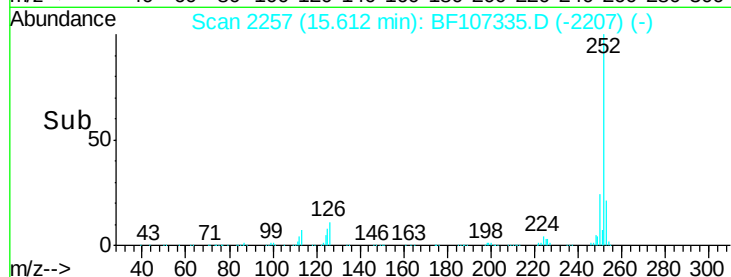
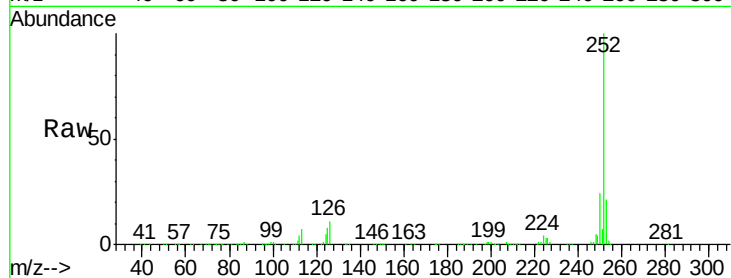
Tgt Ion:252 Resp: 421457

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

125 8.1 9.8 14.6#



#90

Dibenzo(a,h)anthracene

Concen: 51.045 ng

RT: 17.28 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BF107335.D

Acq: 12 Jul 2018 13:37

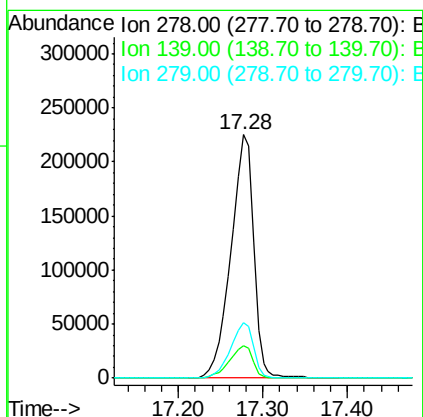
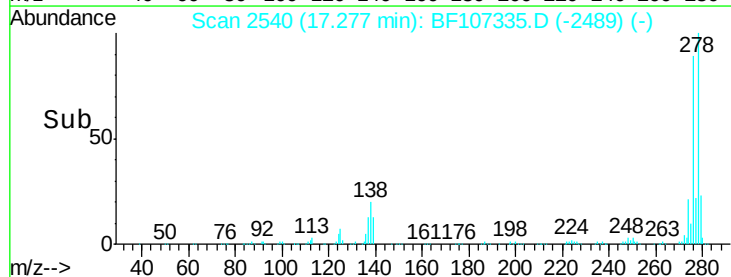
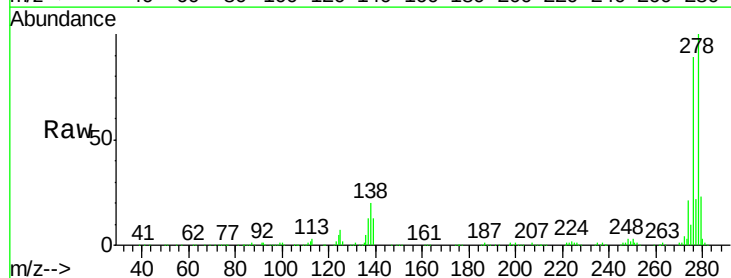
Tgt Ion:278 Resp: 417710

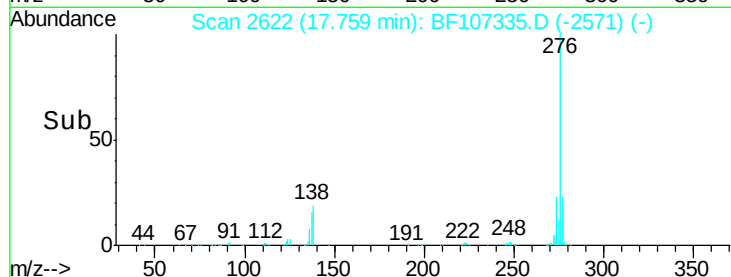
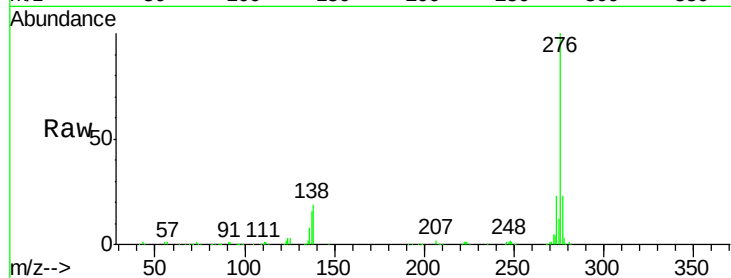
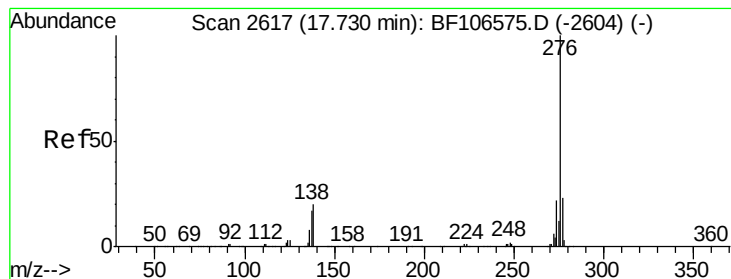
Ion Ratio Lower Upper

278 100

139 13.2 15.9 23.9#

279 23.0 19.0 28.4





#91

Benzo(g,h,i)perylene

Concen: 54.534 ng

RT: 17.76 min Scan# 2622

Delta R.T. -0.00 min

Lab File: BF107335.D

Acq: 12 Jul 2018 13:37

Instrument :

BNA_F

ClientSampleId :

PB110879BS

Tgt Ion:276 Resp: 436183

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 19.1 21.8 32.8#

