

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
 Data File : BF106573.D
 Acq On : 19 Jun 2018 10:50
 Operator : JU/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 19 12:11:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 12:10:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	114442	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	458857	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	223290	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	450299	20.00	ng	0.00
75) Chrysene-d12	14.15	240	426953	20.00	ng	0.00
86) Perylene-d12	15.69	264	396226	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	155093	22.94	ng	0.00
7) Phenol-d6	6.60	99	191694	22.44	ng	0.00
23) Nitrobenzene-d5	7.52	82	182772	23.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	55771	25.96	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	371975	28.41	ng	0.00
78) Terphenyl-d14	13.08	244	432818	25.18	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.84	88	36623	10.465	ng	98
3) Pyridine	3.62	79	93311	9.568	ng	99
4) n-Nitrosodimethylamine	3.56	42	39919	8.936	ng	94
6) Aniline	6.62	93	126900	10.173	ng	98
8) 2-Chlorophenol	6.75	128	83214	11.444	ng	98
9) Benzaldehyde	6.51	77	71095	10.972	ng	96
10) Phenol	6.61	94	108740	11.660	ng	82
11) bis(2-Chloroethyl)ether	6.69	93	85619	10.724	ng	97
12) 1,3-Dichlorobenzene	6.90	146	95126	11.115	ng	98
13) 1,4-Dichlorobenzene	6.98	146	98210	11.308	ng	96
14) 1,2-Dichlorobenzene	7.13	146	92363	11.298	ng	96
15) Benzyl Alcohol	7.10	79	77117	10.541	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.23	45	113430	9.911	ng	96
17) 2-Methylphenol	7.21	107	67614	10.422	ng	96
18) Hexachloroethane	7.47	117	33227	10.738	ng	93
19) n-Nitroso-di-n-propylamine	7.36	70	66082	10.311	ng	95
20) 3+4-Methylphenols	7.37	107	90202	10.872	ng	# 54
22) Acetophenone	7.37	105	127395	11.017	ng	# 93
24) Nitrobenzene	7.54	77	92747	10.940	ng	92
25) Isophorone	7.77	82	155017	10.175	ng	94
26) 2-Nitrophenol	7.85	139	40525	12.315	ng	92
27) 2,4-Dimethylphenol	7.90	122	67631	10.486	ng	96
28) bis(2-Chloroethoxy)methane	7.98	93	107840	10.917	ng	96
29) 2,4-Dichlorophenol	8.11	162	69697	11.201	ng	97
30) 1,2,4-Trichlorobenzene	8.18	180	77087	11.049	ng	94
31) Naphthalene	8.27	128	247940	11.953	ng	99
32) Benzoic acid	7.97	122	30478	7.119	ng	91
33) 4-Chloroaniline	8.31	127	98483	10.714	ng	97
34) Hexachlorobutadiene	8.38	225	50640	11.298	ng	99
35) Caprolactam	8.66	113	21677	10.300	ng	98
36) 4-Chloro-3-methylphenol	8.80	107	74504	10.825	ng	97
37) 2-Methylnaphthalene	8.96	142	163550	11.576	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	85038	11.732	ng	97
40) Hexachlorocyclopentadiene	9.11	237	33500	8.376	ng	97

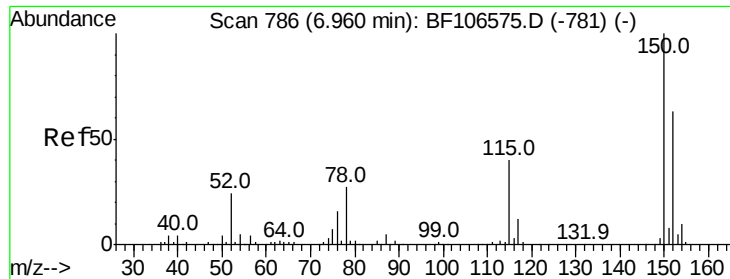
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
 Data File : BF106573.D
 Acq On : 19 Jun 2018 10:50
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Instrument :
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 12:10:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	54256	11.745	nq	98
43) 2,4,5-Trichlorophenol	9.28	196	56483	11.342	nq	95
45) 1,1'-Biphenyl	9.42	154	208168	12.036	nq	98
46) 2-Chloronaphthalene	9.45	162	159328	11.512	nq	95
47) 2-Nitroaniline	9.54	65	50699	11.644	nq	88
48) Acenaphthylene	9.87	152	256771	12.121	nq	99
49) Dimethylphthalate	9.71	163	184186	11.546	nq	99
50) 2,6-Dinitrotoluene	9.78	165	37851	11.616	nq	95
51) Acenaphthene	10.04	154	158330	11.573	nq	98
52) 3-Nitroaniline	9.95	138	43216	11.174	nq	96
53) 2,4-Dinitrophenol	10.06	184	10839	8.998	nq #	14
54) Dibenzofuran	10.21	168	221091	12.001	nq	99
55) 4-Nitrophenol	10.13	139	29314	9.888	nq	89
56) 2,4-Dinitrotoluene	10.18	165	49135	12.007	nq	97
57) Fluorene	10.55	166	181278	12.419	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	43738	11.081	nq #	84
59) Diethylphthalate	10.41	149	183340	11.579	nq	97
60) 4-Chlorophenyl-phenylether	10.54	204	91725	11.948	nq #	88
61) 4-Nitroaniline	10.57	138	43395	11.532	nq	99
62) Azobenzene	10.70	77	185126	11.213	nq	97
64) 4,6-Dinitro-2-methylphenol	10.60	198	23153	10.521	nq	78
65) n-Nitrosodiphenylamine	10.66	169	174478	11.529	nq	94
66) 4-Bromophenyl-phenylether	11.04	248	59760	11.668	nq #	81
67) Hexachlorobenzene	11.10	284	60389	11.437	nq #	86
68) Atrazine	11.18	200	53728	11.520	nq	95
69) Pentachlorophenol	11.30	266	21470	6.605	nq	97
70) Phenanthrene	11.52	178	265051	12.019	nq	99
71) Anthracene	11.57	178	268969	12.174	nq	99
72) Carbazole	11.72	167	241128	11.822	nq	99
73) Di-n-butylphthalate	12.04	149	283974	12.510	nq	99
74) Fluoranthene	12.71	202	293687	12.488	nq	95
76) Benzidine	12.83	184	145664	10.251	nq	99
77) Pyrene	12.94	202	303478	11.354	nq	99
79) Butylbenzylphthalate	13.55	149	120704	12.064	nq	97
80) Benzo(a)anthracene	14.14	228	282624	11.124	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	106325	12.403	nq	99
82) Chrysene	14.18	228	264374	11.397	nq	98
83) Bis(2-ethylhexyl)phthalate	14.11	149	165491	11.535	nq	98
84) Di-n-octyl phthalate	14.74	149	265408	12.833	nq	98
85) Indeno(1,2,3-cd)pyrene	17.25	276	221350	11.956	nq #	93
87) Benzo(b)fluoranthene	15.23	252	255213	10.655	nq	98
88) Benzo(k)fluoranthene	15.27	252	249261	10.508	nq #	95
89) Benzo(a)pyrene	15.62	252	227905	10.579	nq	98
90) Dibenzo(a,h)anthracene	17.27	278	186708	10.395	nq	96
91) Benzo(g,h,i)perylene	17.73	276	176133	10.091	nq #	90

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

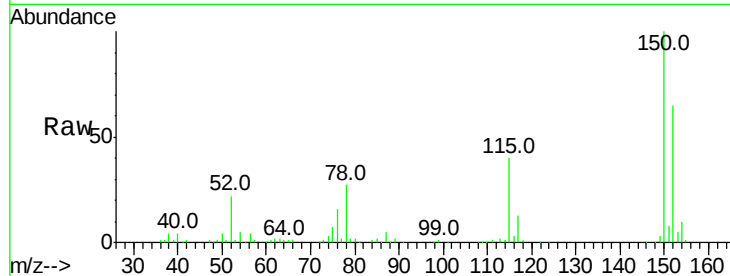


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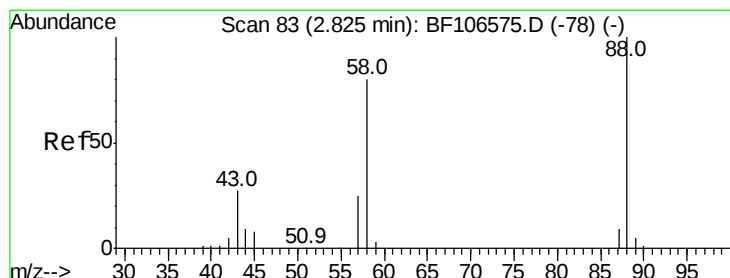
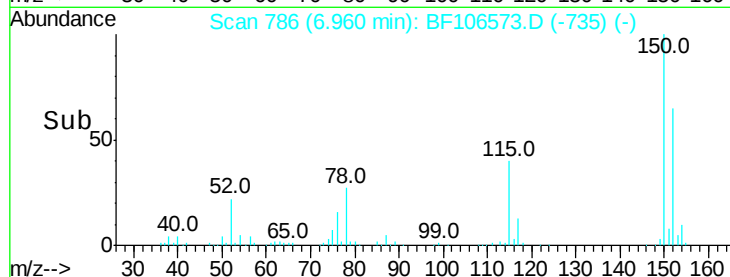
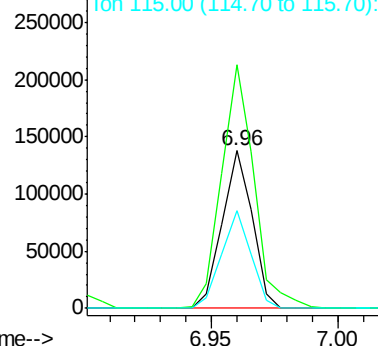
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106573.D
Acq: 19 Jun 2018 10:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 114442
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 62.1 50.1 75.1



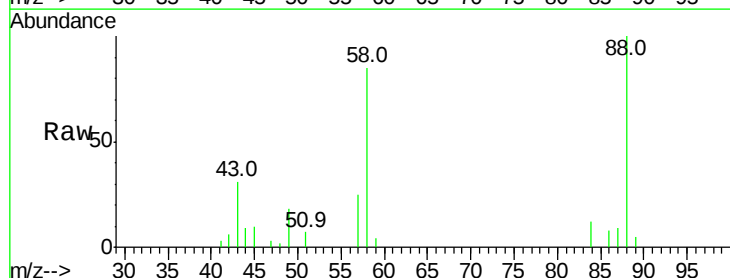
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



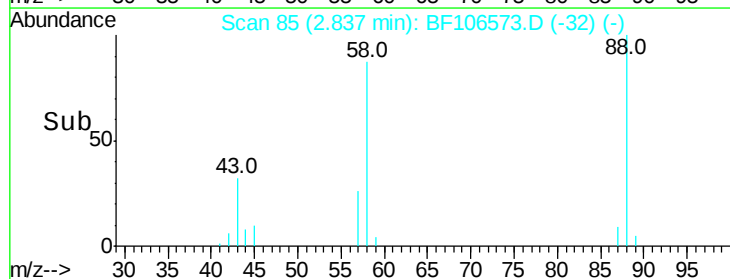
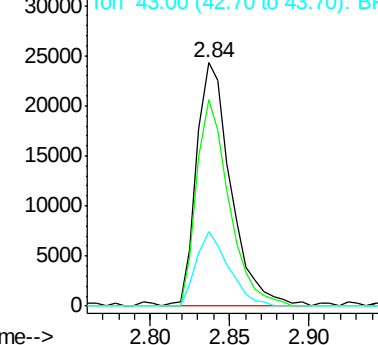
#2

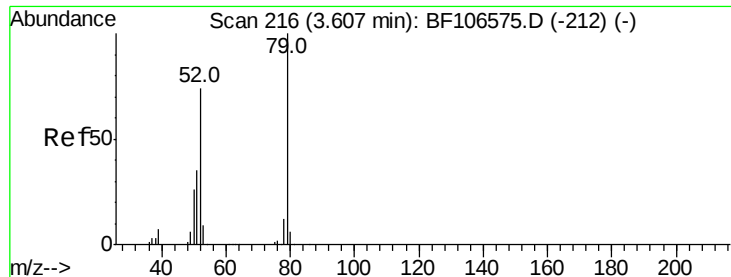
1,4-Dioxane
Concen: 10.465 ng
RT: 2.84 min Scan# 85
Delta R.T. 0.01 min
Lab File: BF106573.D
Acq: 19 Jun 2018 10:50

Tgt Ion: 88 Resp: 36623
Ion Ratio Lower Upper
88 100
58 79.7 62.6 93.8
43 28.7 24.6 37.0



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





#3

Pvridine

Concen: 9.568 ng

RT: 3.62 min Scan# 218

Delta R.T. 0.01 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

Instrument :

BNA_F

ClientSampleId :

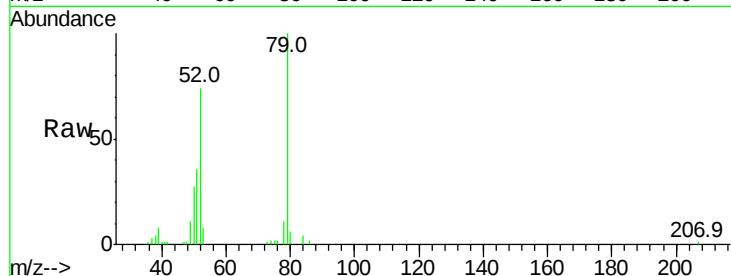
Tot Ion: 79 Resp: 93311

Ion Ratio Lower Upper

79 100

52 73.7 59.8 89.6

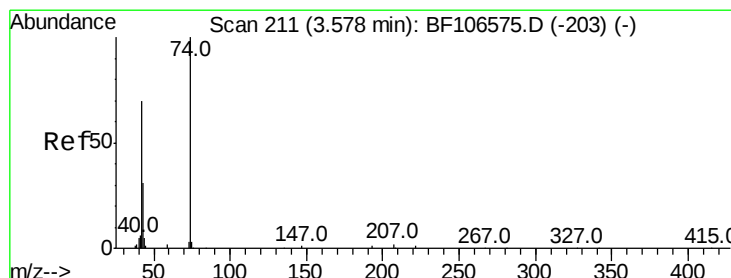
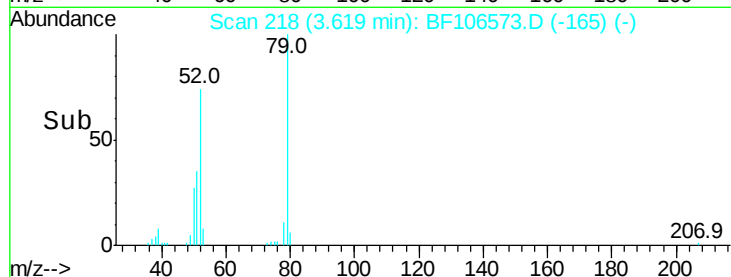
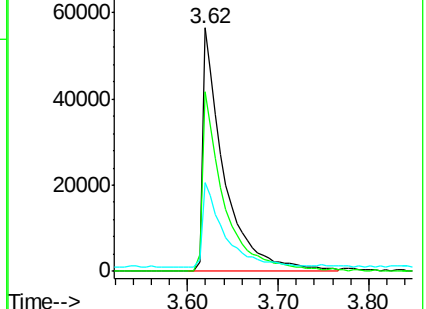
51 36.4 29.8 44.8



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: 8.936 ng

RT: 3.56 min Scan# 208

Delta R.T. -0.02 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

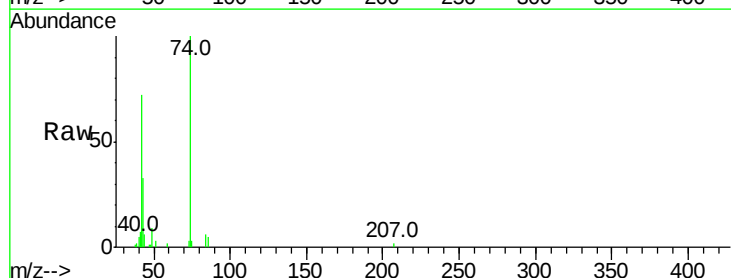
Tgt Ion: 42 Resp: 39919

Ion Ratio Lower Upper

42 100

74 138.4 104.9 157.3

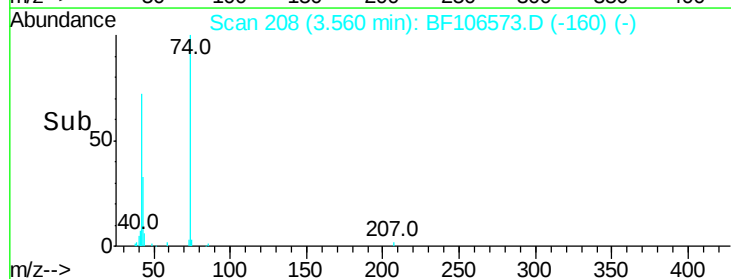
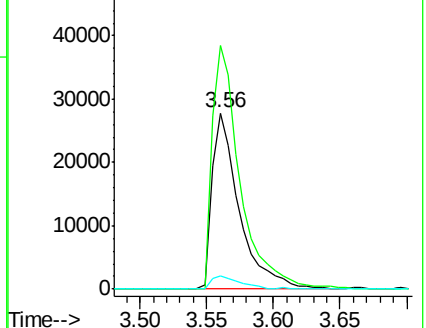
44 7.8 6.9 10.3



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: 22.937 ng

RT: 5.61 min Scan# 556

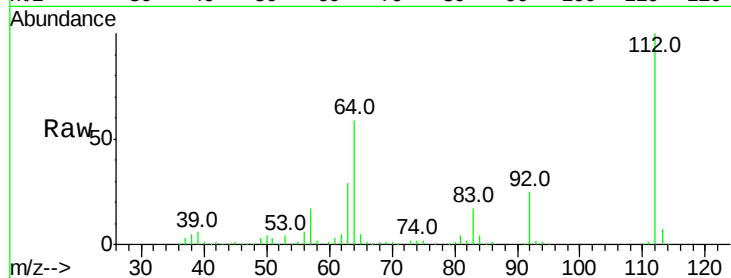
Delta R.T. 0.01 min

Lab File: BF106573.D

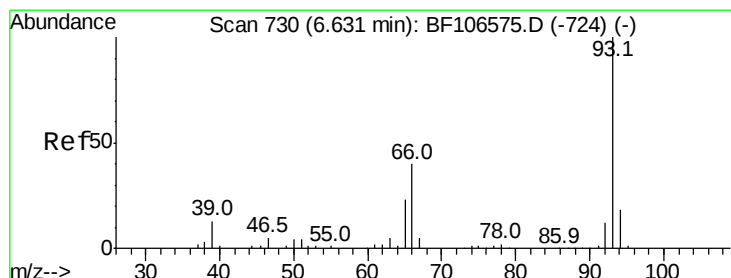
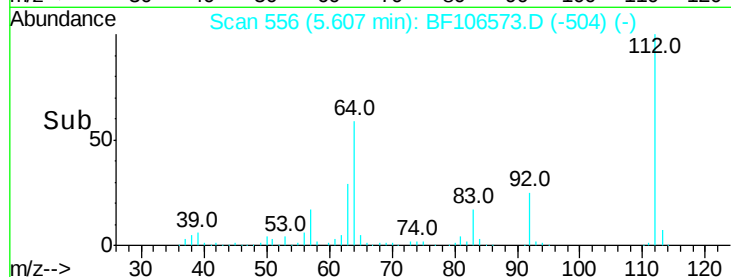
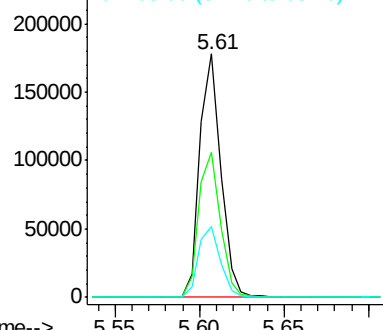
Acq: 19 Jun 2018 10:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	155093
Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.9	71.9
63	29.1	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 10.173 ng

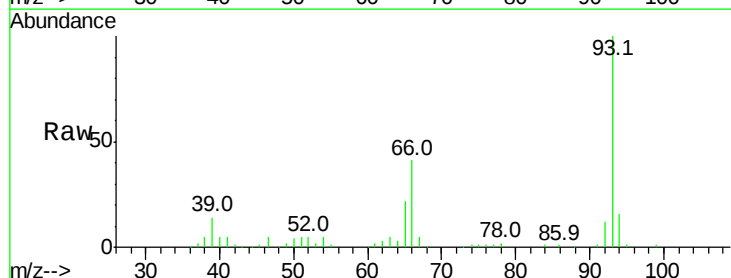
RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

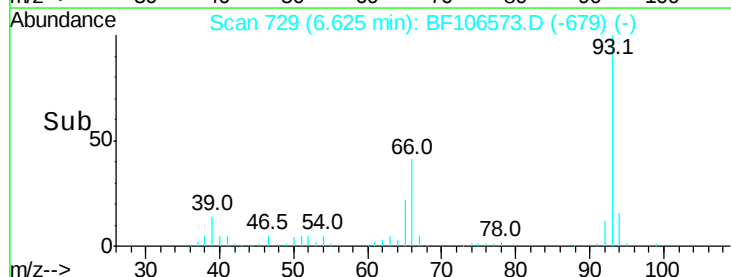
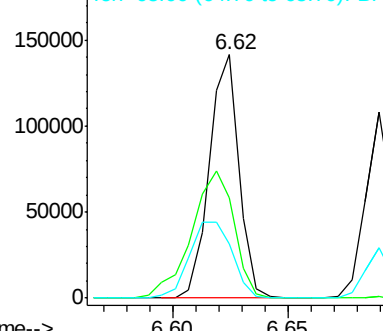
Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

Tgt Ion:	93	Resp:	126900
Ion	Ratio	Lower	Upper
93	100		
66	41.0	32.2	48.2
65	22.1	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1





#7

Phenol-d6

Concen: 22.439 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

Instrument :

BNA_F

ClientSampleId :

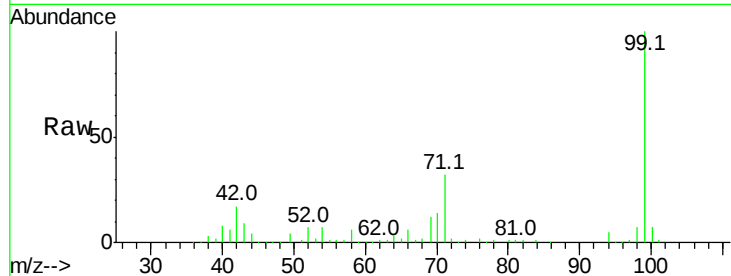
Tot Ion: 99 Resp: 191694

Ion Ratio Lower Upper

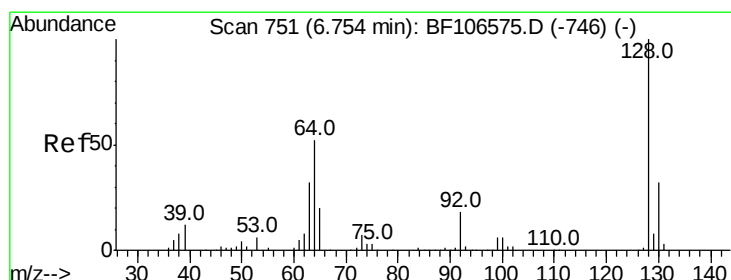
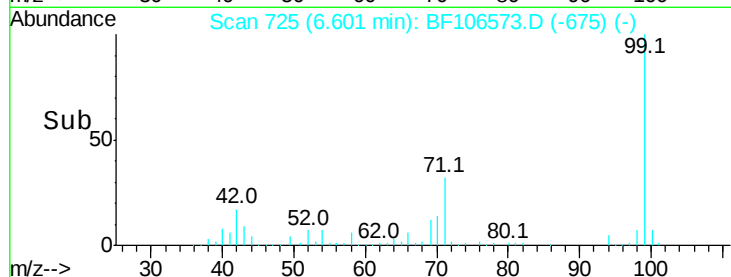
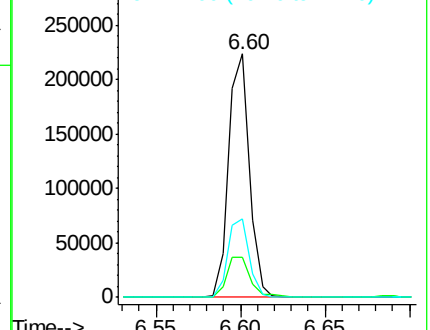
99 100

42 16.7 14.5 21.7

71 32.1 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: 11.444 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

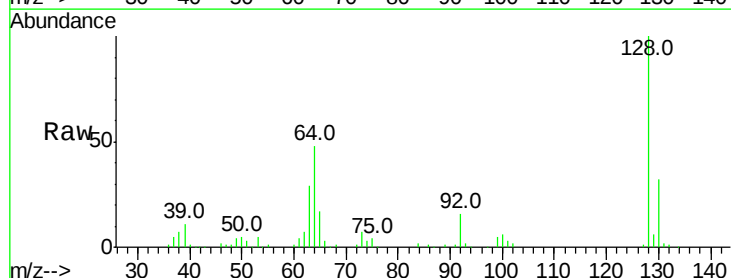
Tgt Ion: 128 Resp: 83214

Ion Ratio Lower Upper

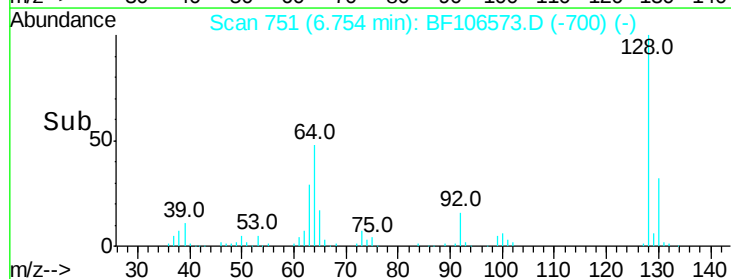
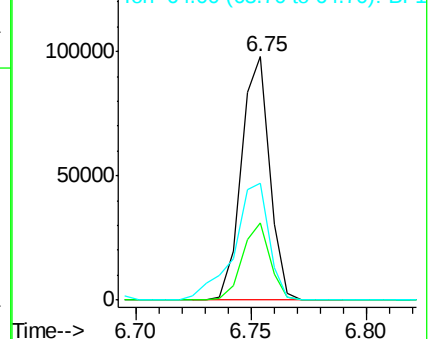
128 100

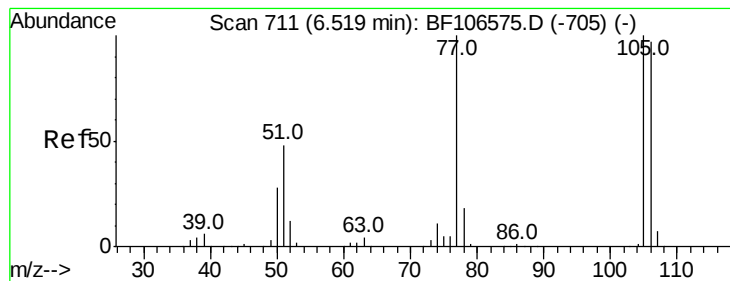
130 31.7 13.0 53.0

64 48.0 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: 10.972 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

Instrument :

BNA_F

ClientSampleId :

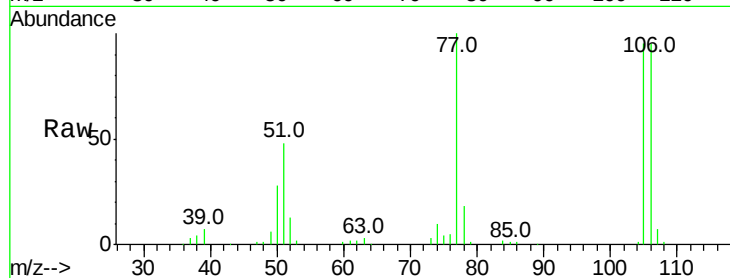
Tot Ion: 77 Resp: 71095

Ion Ratio Lower Upper

77 100

105 94.9 81.1 121.1

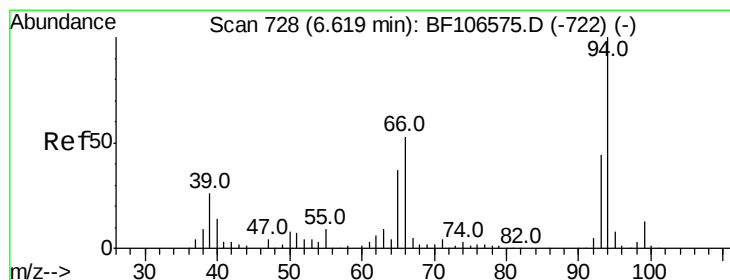
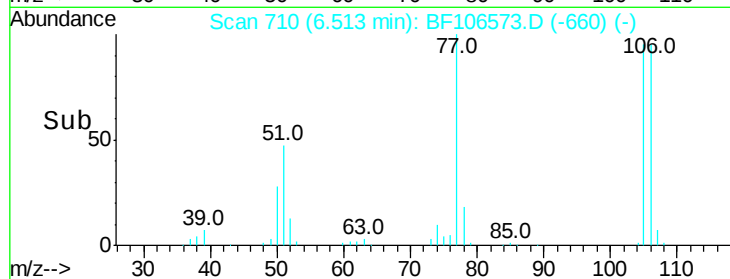
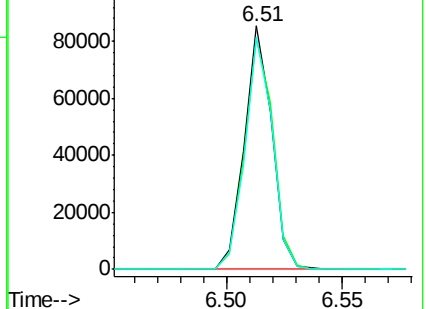
106 95.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 11.660 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

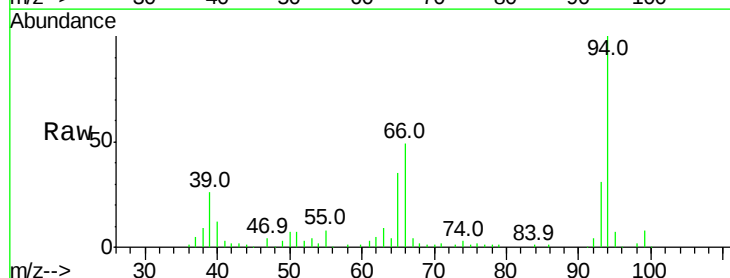
Tgt Ion: 94 Resp: 108740

Ion Ratio Lower Upper

94 100

65 35.4 7.9 47.9

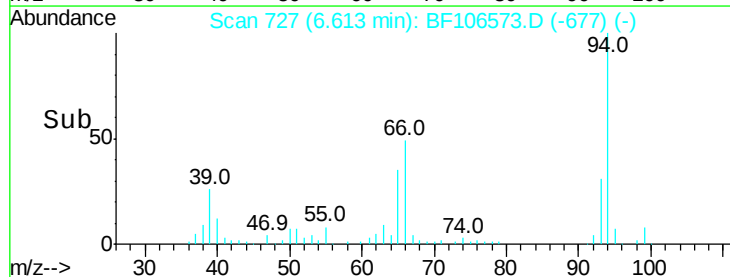
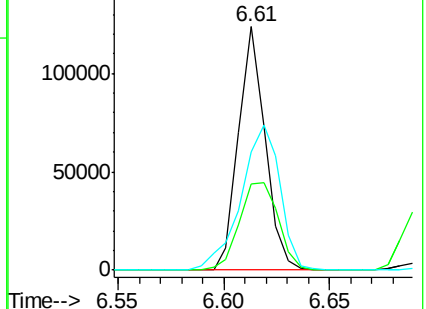
66 48.6 16.2 56.2

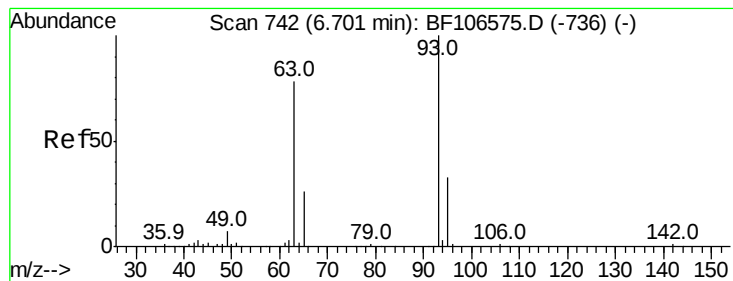


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

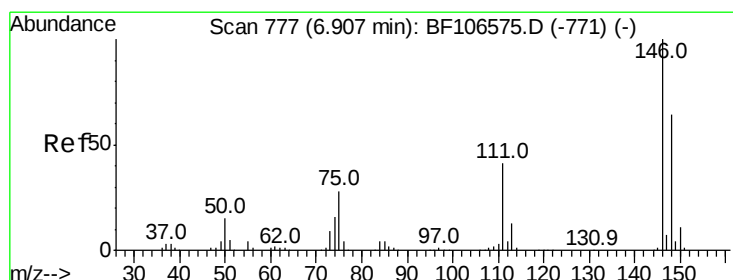
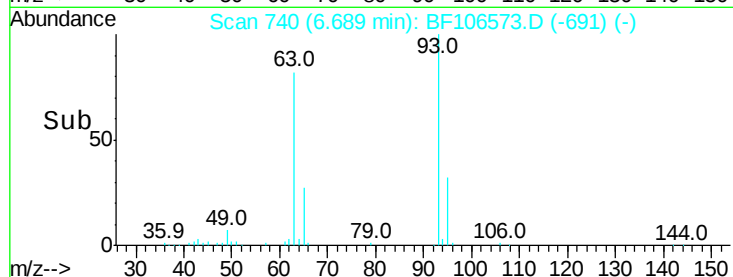
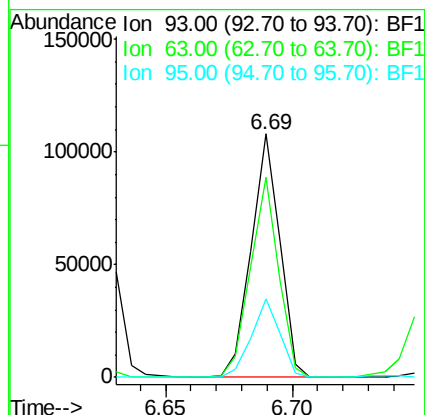
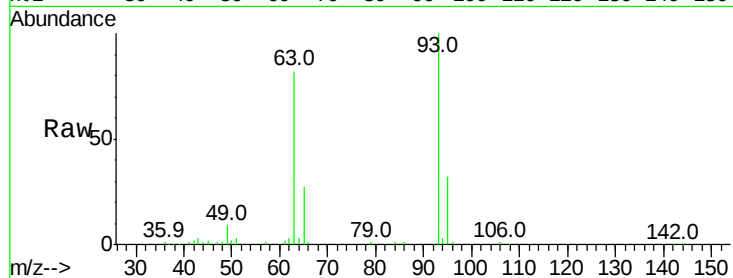




#11
bis(2-Chloroethyl)ether
Concen: 10.724 ng
RT: 6.69 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF106573.D
Acq: 19 Jun 2018 10:50

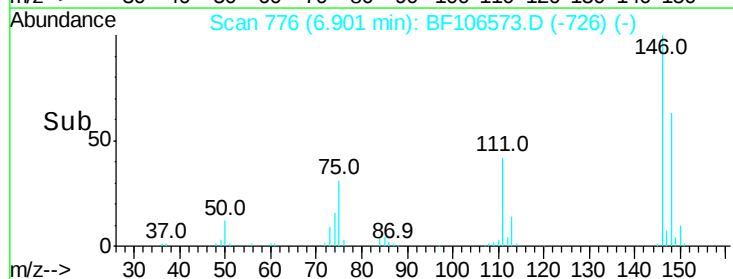
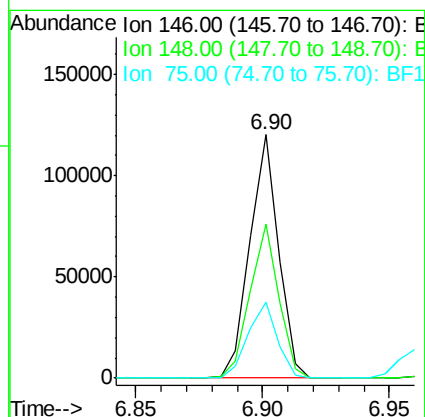
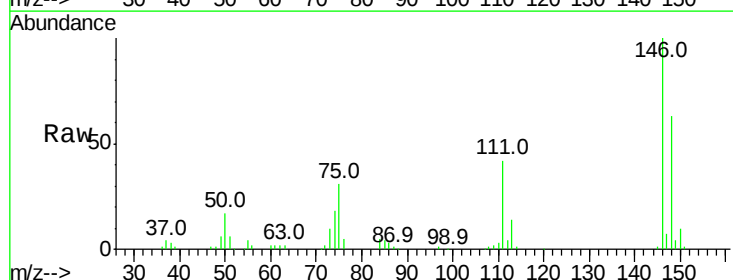
Instrument :
BNA_F
ClientSampleId :

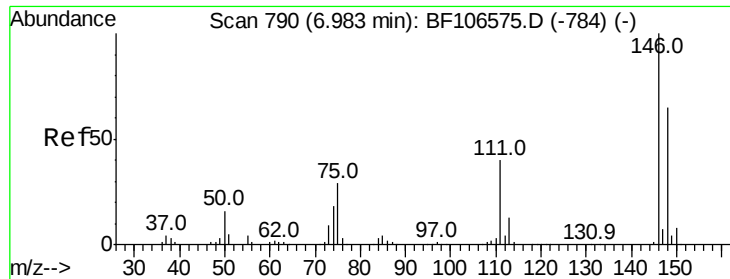
Tot Ion: 93 Resp: 85619
Ion Ratio Lower Upper
93 100
63 82.1 58.6 98.6
95 32.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 11.115 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF106573.D
Acq: 19 Jun 2018 10:50

Tgt Ion: 146 Resp: 95126
Ion Ratio Lower Upper
146 100
148 63.1 51.8 77.8
75 31.3 24.2 36.4

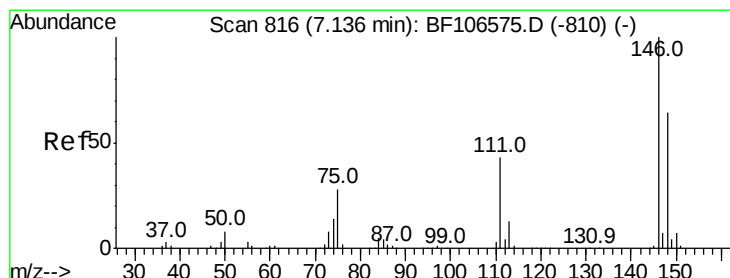
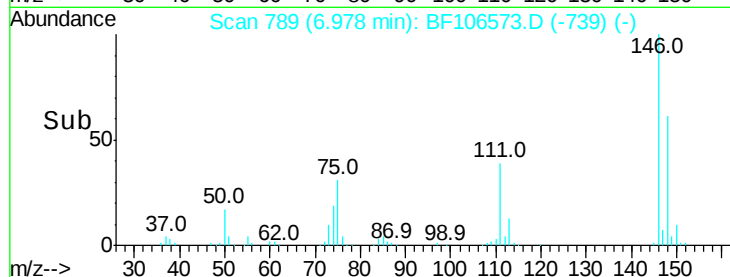
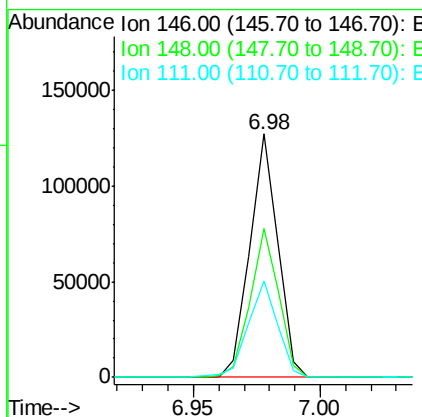
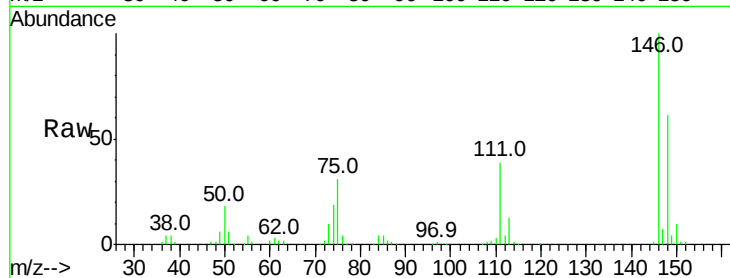




#13
 1,4-Dichlorobenzene
 Concen: 11.308 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF106573.D
 Acq: 19 Jun 2018 10:50

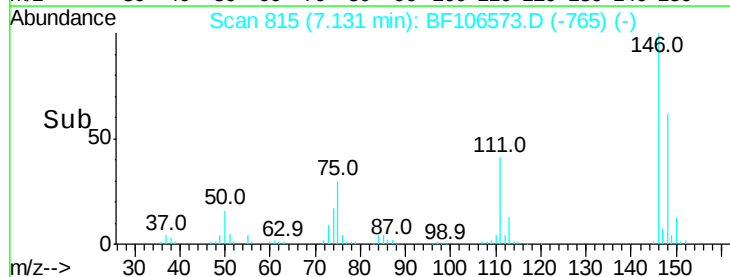
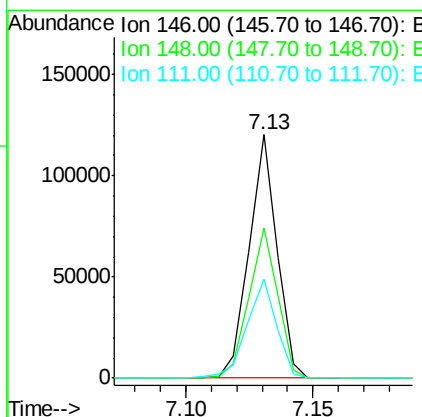
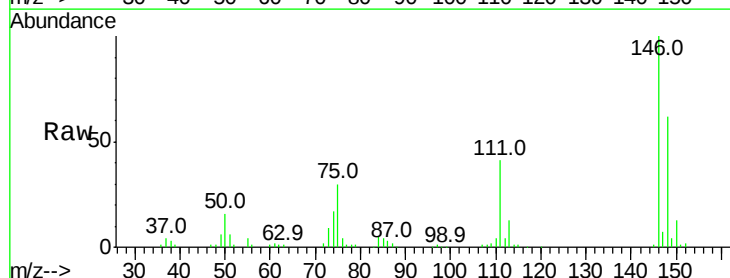
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 98210
 Ion Ratio Lower Upper
 146 100
 148 60.9 50.8 76.2
 111 39.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 11.298 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF106573.D
 Acq: 19 Jun 2018 10:50

Tgt Ion:146 Resp: 92363
 Ion Ratio Lower Upper
 146 100
 148 61.7 50.6 75.8
 111 40.8 36.0 54.0

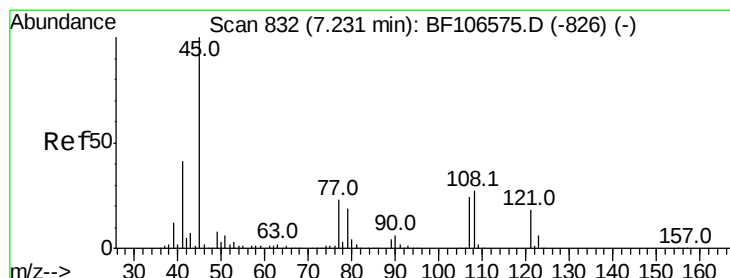
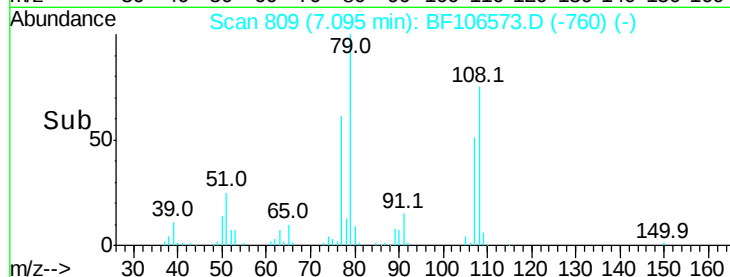
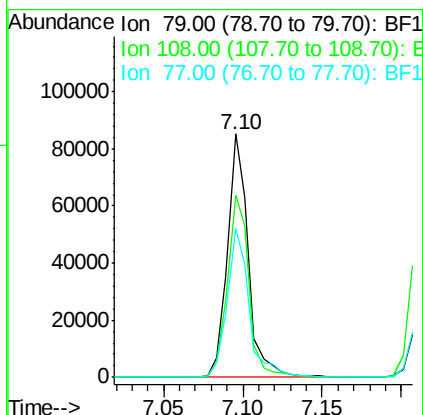
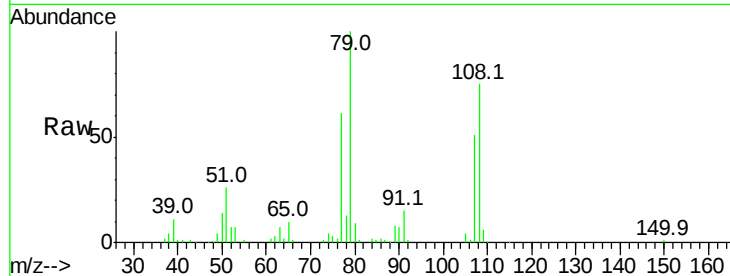




#15
Benzyl Alcohol
Concen: 10.541 ng
RT: 7.10 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF106573.D
Acq: 19 Jun 2018 10:50

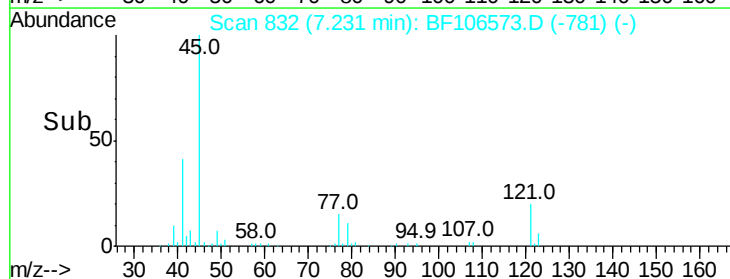
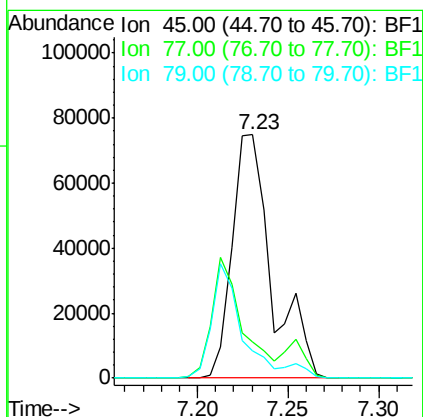
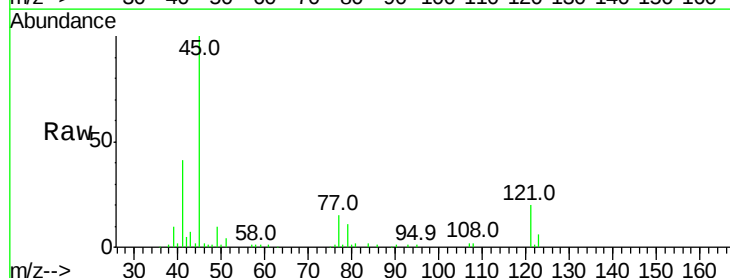
Instrument :
BNA_F
ClientSampleId :

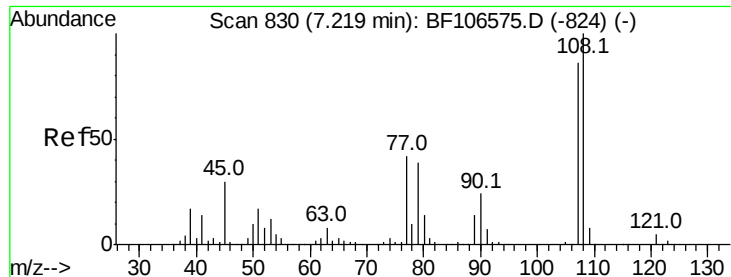
Tot Ion: 79 Resp: 77117
Ion Ratio Lower Upper
79 100
108 75.0 65.1 97.7
77 61.1 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 9.911 ng
RT: 7.23 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF106573.D
Acq: 19 Jun 2018 10:50

Tgt Ion: 45 Resp: 113430
Ion Ratio Lower Upper
45 100
77 14.6 0.0 32.9
79 11.2 0.0 29.6

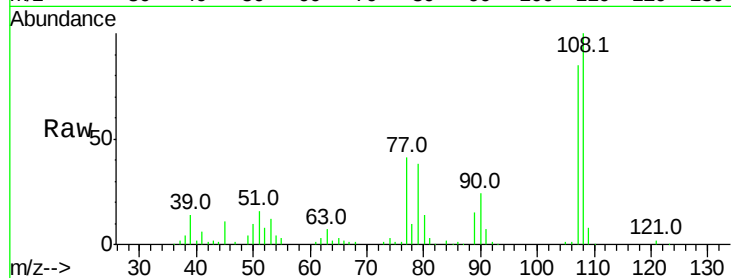




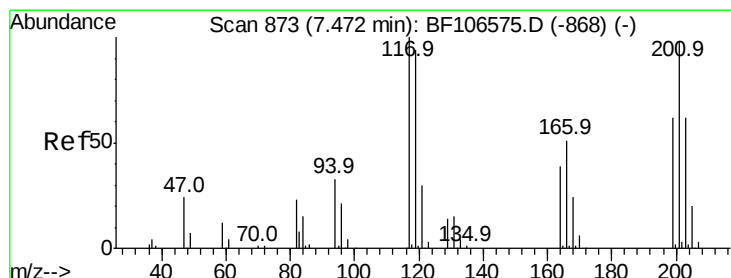
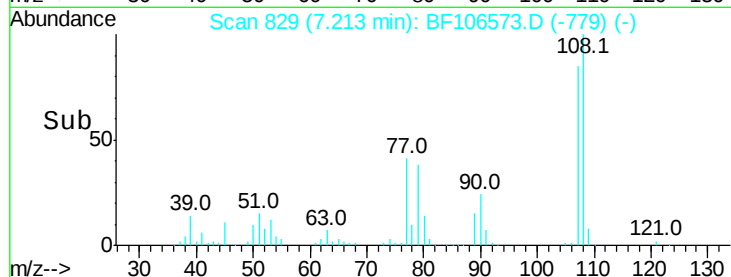
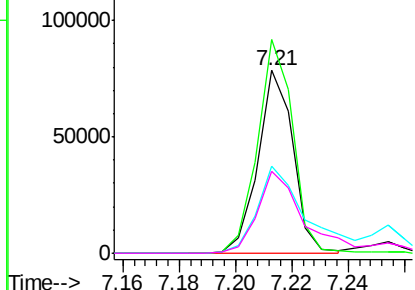
#17
2-Methylphenol
Concen: 10.422 ng
RT: 7.21 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF106573.D
Acq: 19 Jun 2018 10:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 67614
Ion Ratio Lower Upper
107 100
108 117.0 91.7 137.5
77 47.4 33.8 50.8
79 45.0 33.8 50.8

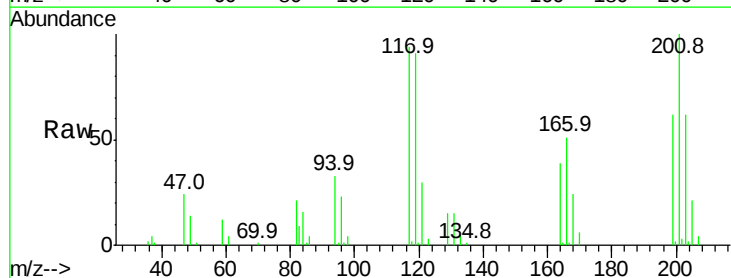


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

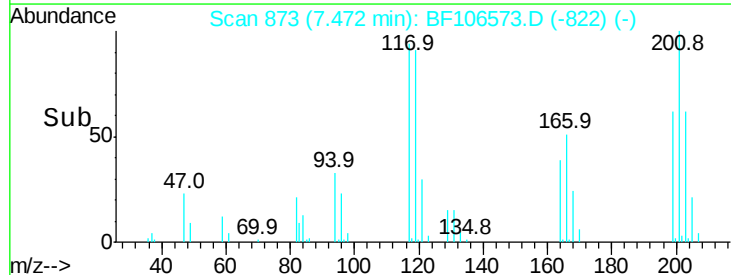
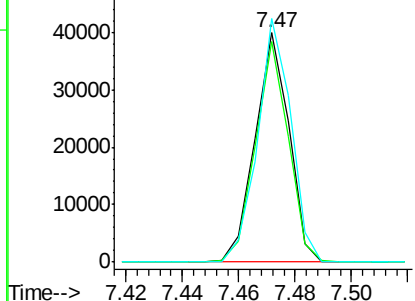


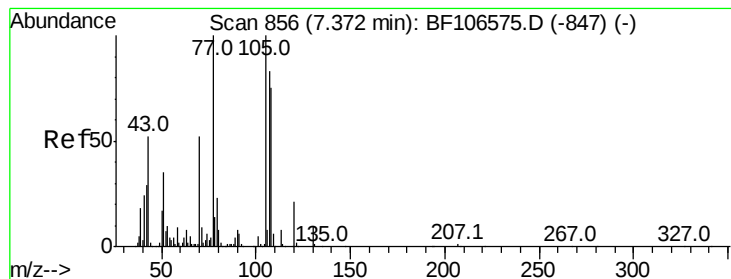
#18
Hexachloroethane
Concen: 10.738 ng
RT: 7.47 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF106573.D
Acq: 19 Jun 2018 10:50

Tgt Ion:117 Resp: 33227
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8
201 106.2 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: 10.311 ng

RT: 7.36 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 66082

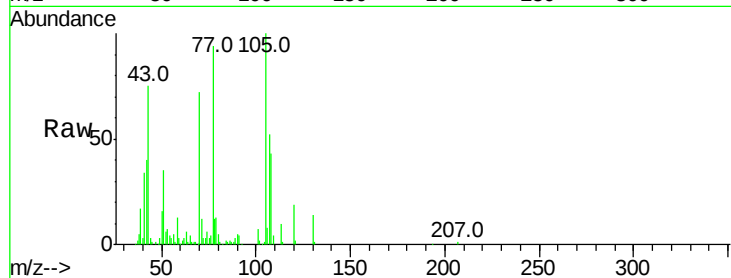
Ion Ratio Lower Upper

70 100

42 54.8 47.5 71.3

101 9.7 7.4 11.2

130 19.0 16.6 25.0



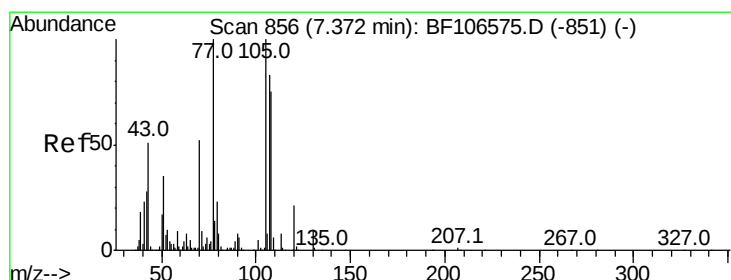
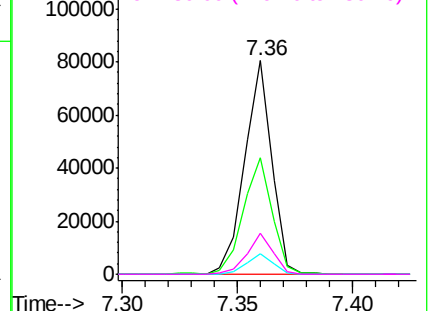
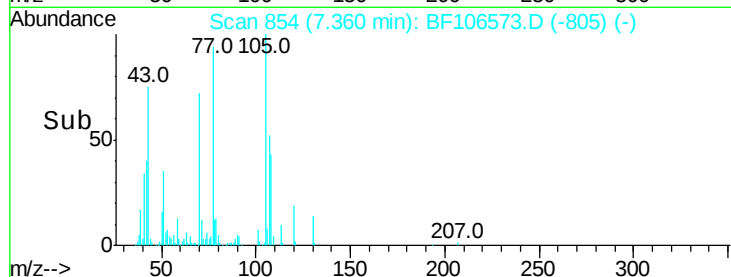
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 10.872 ng

RT: 7.37 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

Tgt Ion: 107 Resp: 90202

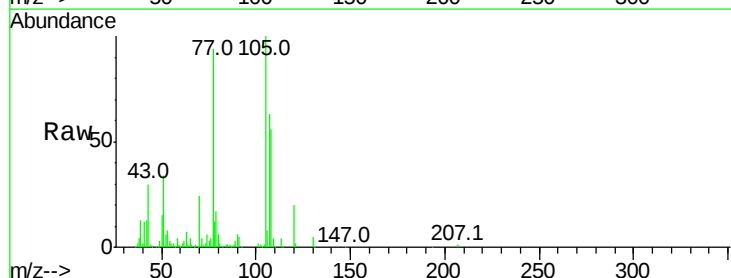
Ion Ratio Lower Upper

107 100

108 89.0 68.2 108.2

77 150.3 26.7 66.7#

79 27.6 6.3 46.3



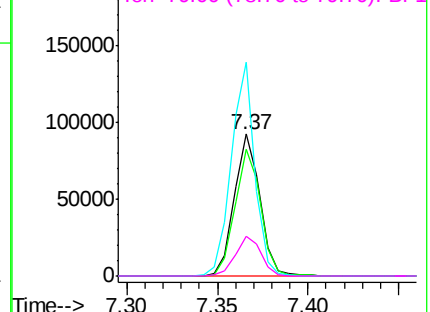
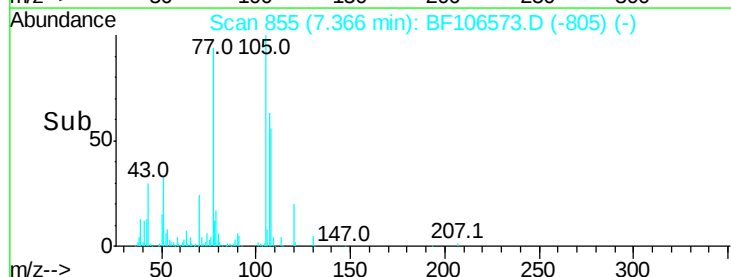
Abundance

Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

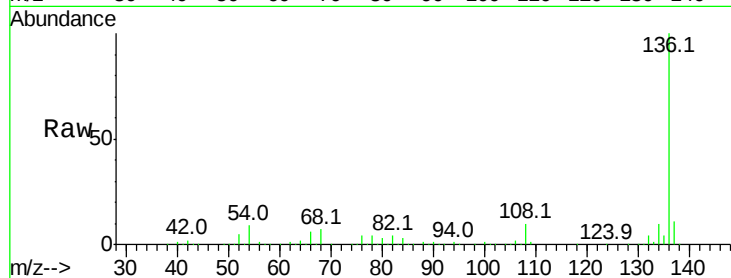




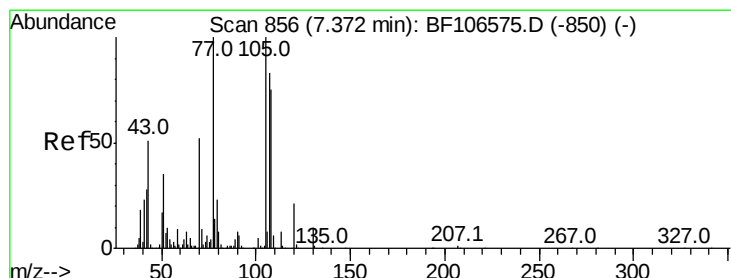
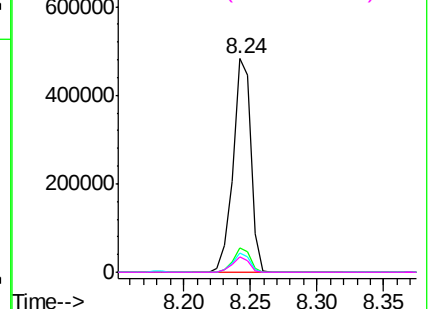
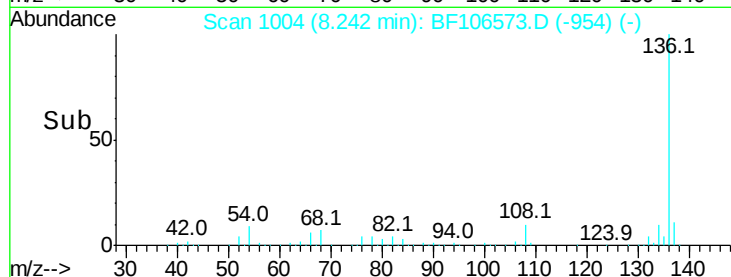
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106573.D
Acq: 19 Jun 2018 10:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	458857	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	8.9	13.3	
54 9.2	6.6	9.8	
68 7.0	5.0	7.4	

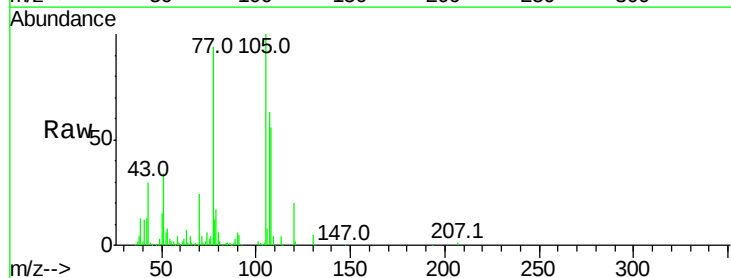


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

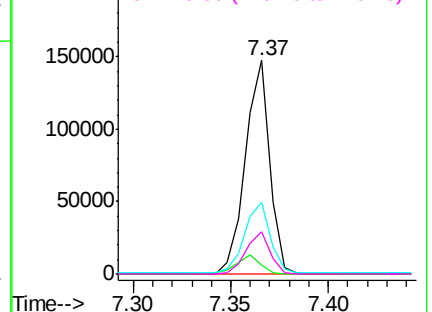
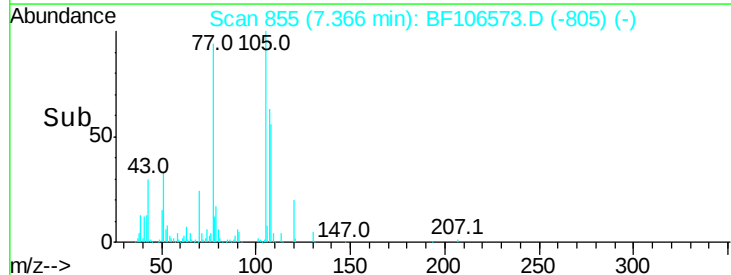


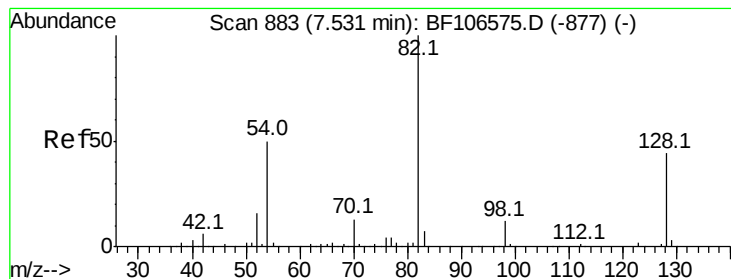
#22
Acetophenone
Concen: 11.017 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106573.D
Acq: 19 Jun 2018 10:50

Tgt	Ion:105	Resp:	127395
Ion	Ratio	Lower	Upper
105	100		
71	4.0	4.4	6.6#
51	33.8	22.3	33.5#
120	19.9	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: 23.433 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

Instrument :

BNA_F

ClientSampled :

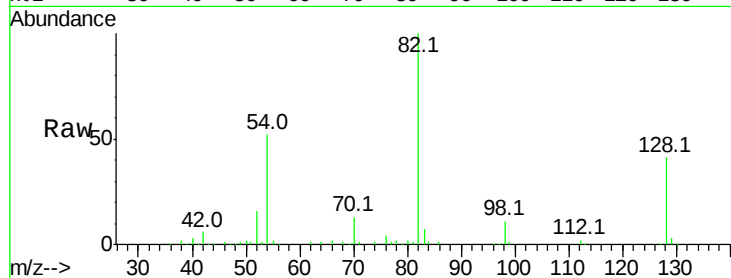
Tot Ion: 82 Resp: 182772

Ion Ratio Lower Upper

82 100

128 40.9 36.1 54.1

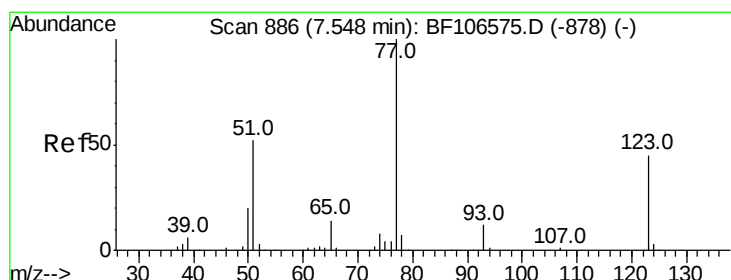
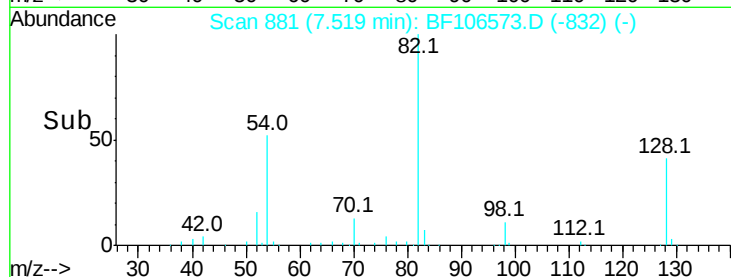
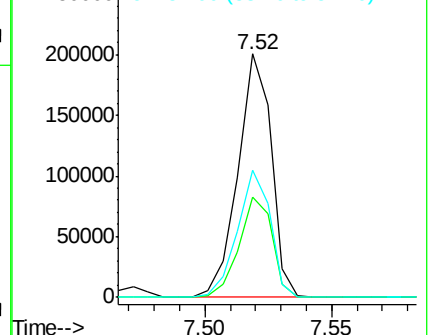
54 52.3 41.4 62.2



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: 10.940 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

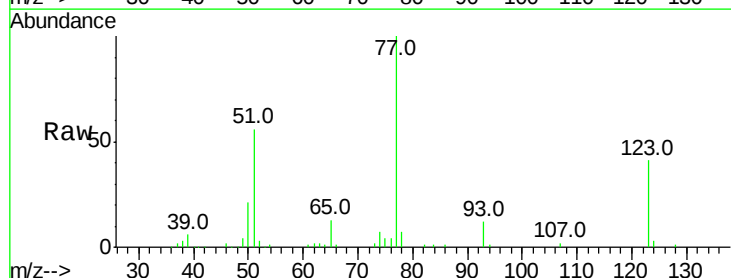
Tgt Ion: 77 Resp: 92747

Ion Ratio Lower Upper

77 100

123 41.0 37.9 56.9

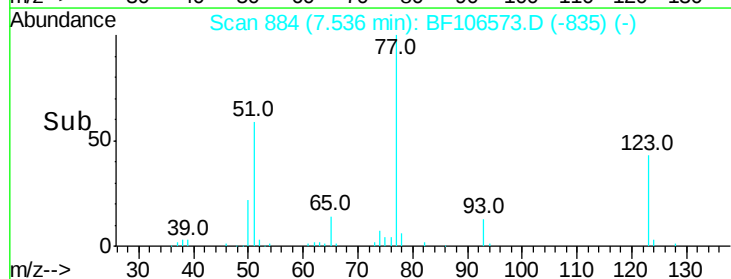
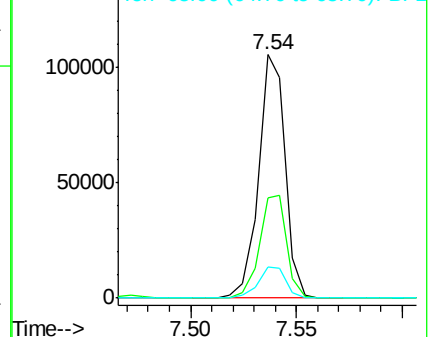
65 12.8 11.0 16.4



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: 10.175 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

Instrument :

BNA_F

ClientSampleId :

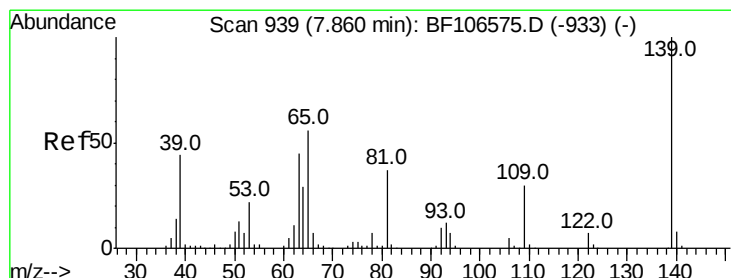
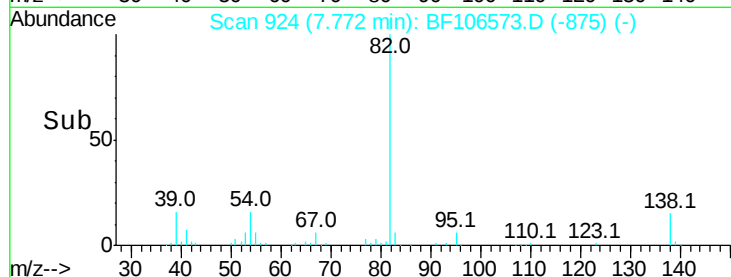
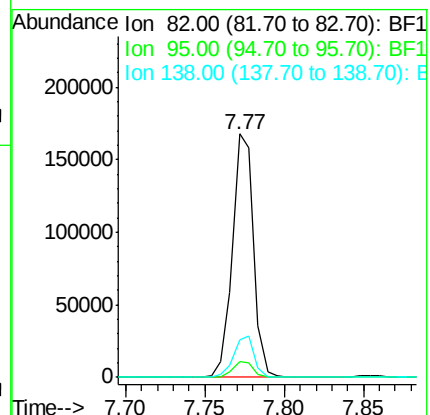
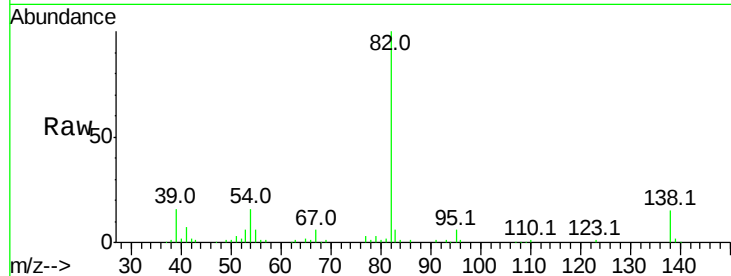
Tot Ion: 82 Resp: 155017

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

138 15.4 14.9 22.3



#26

2-Nitrophenol

Concen: 12.315 ng

RT: 7.85 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

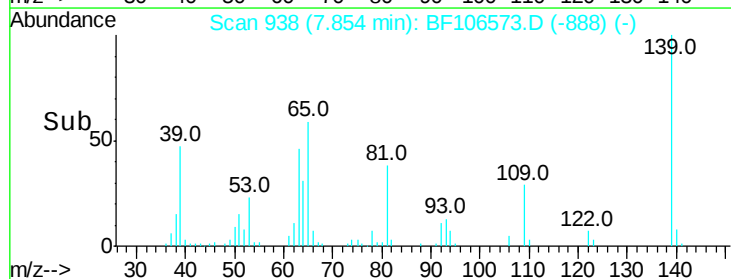
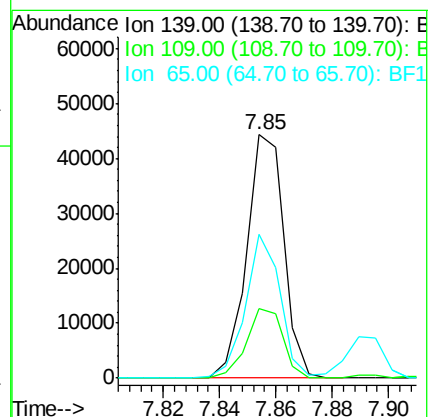
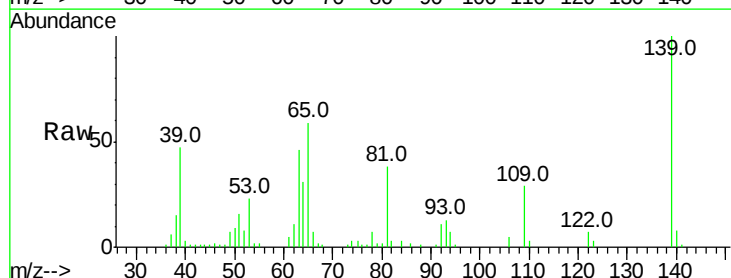
Tgt Ion: 139 Resp: 40525

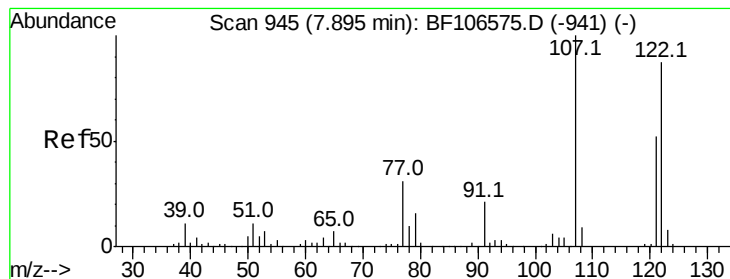
Ion Ratio Lower Upper

139 100

109 28.7 22.7 34.1

65 59.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 10.486 ng

RT: 7.90 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

Instrument :
BNA_F
ClientSampleId :

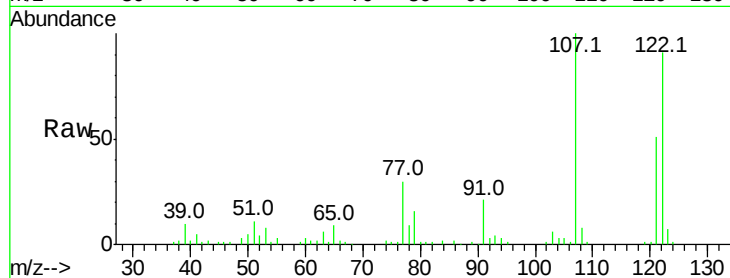
Tot Ion:122 Resp: 67631

Ion Ratio Lower Upper

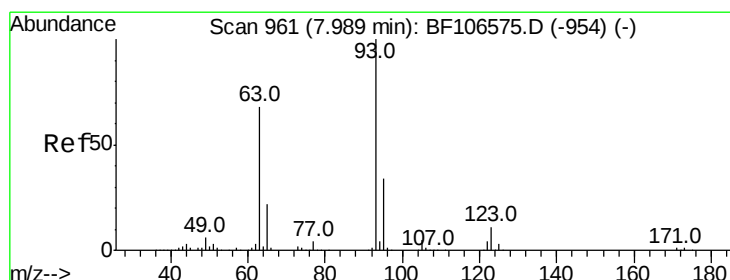
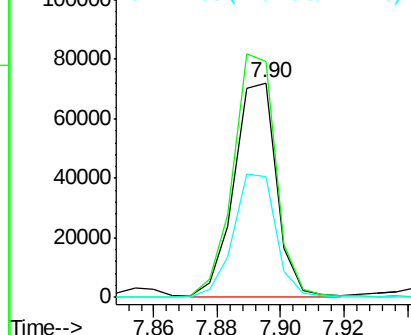
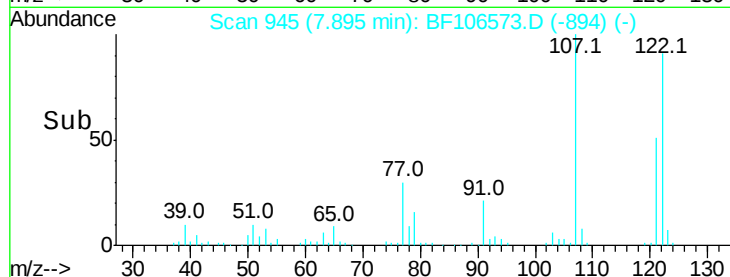
122 100

107 109.7 91.2 136.8

121 56.0 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: 10.917 ng

RT: 7.98 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

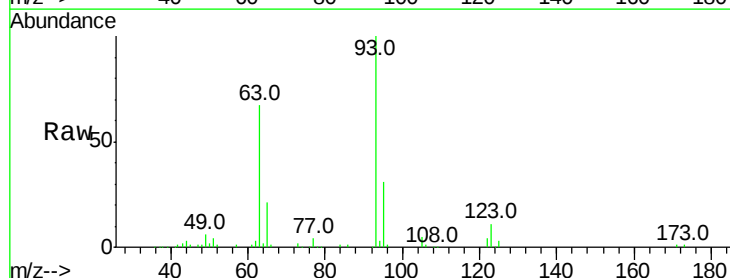
Tgt Ion: 93 Resp: 107840

Ion Ratio Lower Upper

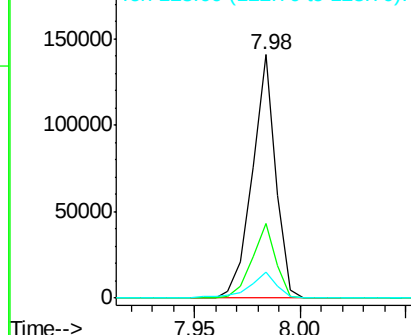
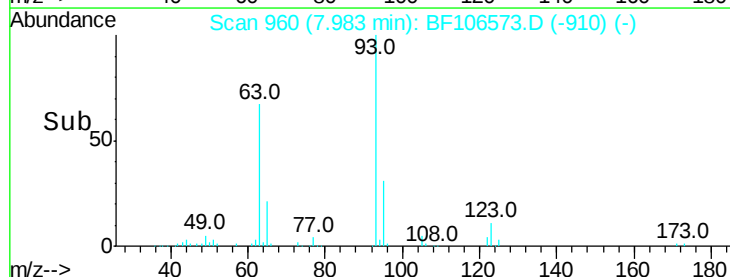
93 100

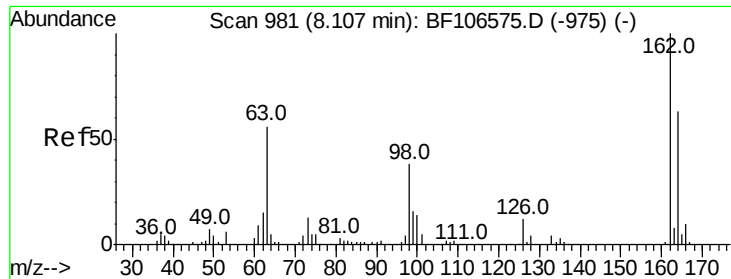
95 30.9 26.3 39.5

123 10.9 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

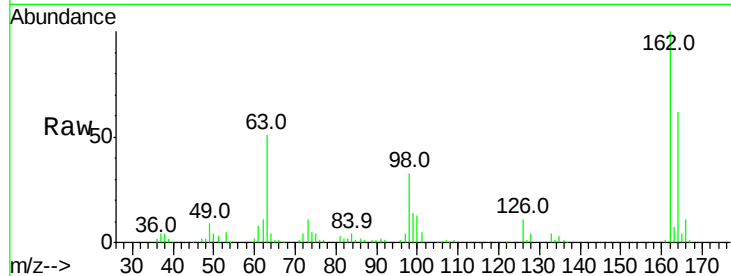




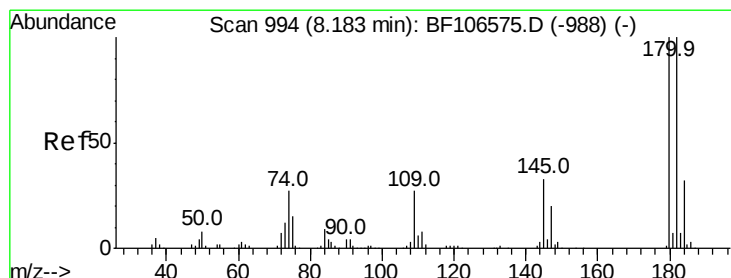
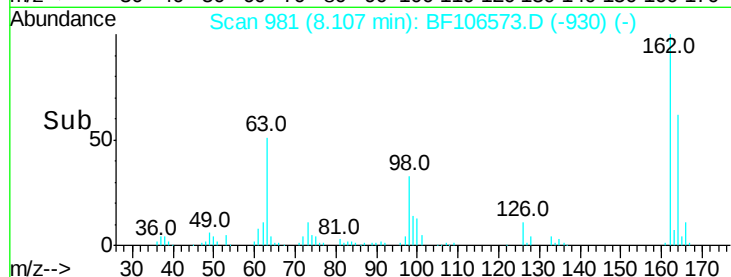
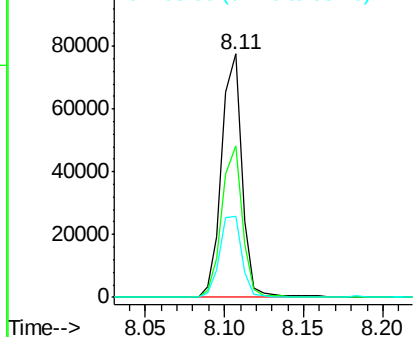
#29
 2,4-Dichlorophenol
 Concen: 11.201 ng
 RT: 8.11 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF106573.D
 Acq: 19 Jun 2018 10:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	42.7	82.7
98	33.1	18.1	58.1

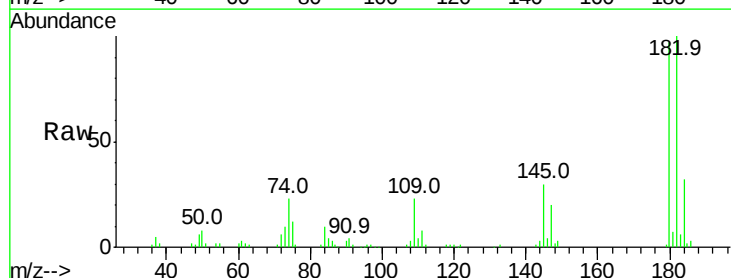


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

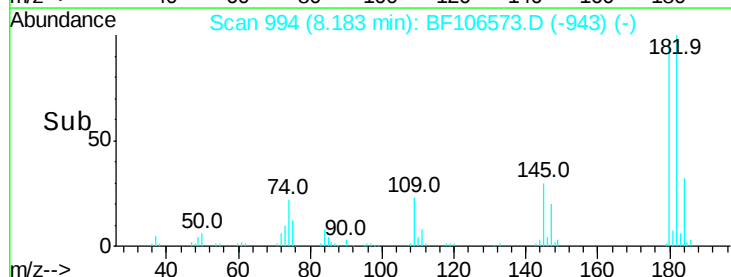
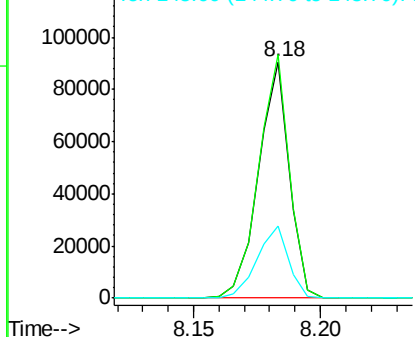


#30
 1,2,4-Trichlorobenzene
 Concen: 11.049 ng
 RT: 8.18 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF106573.D
 Acq: 19 Jun 2018 10:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	103.1	76.8	115.2
145	30.7	26.5	39.7



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





#31

Naphthalene

Concen: 11.953 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

Instrument :

BNA_F

ClientSampleId :

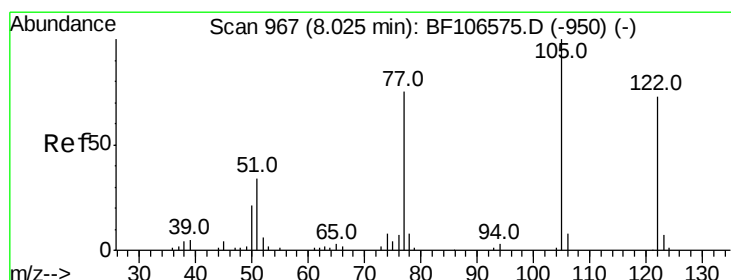
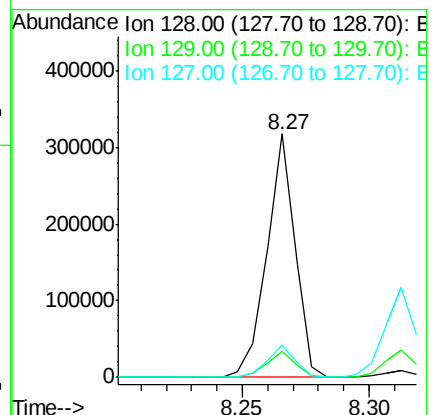
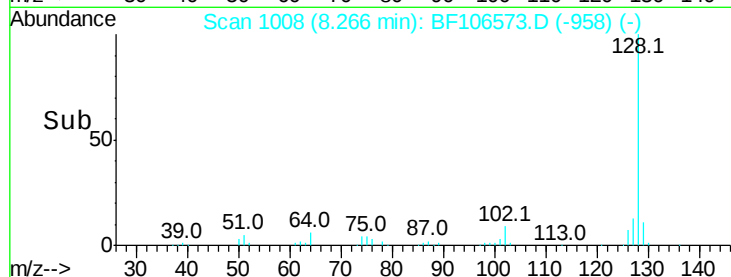
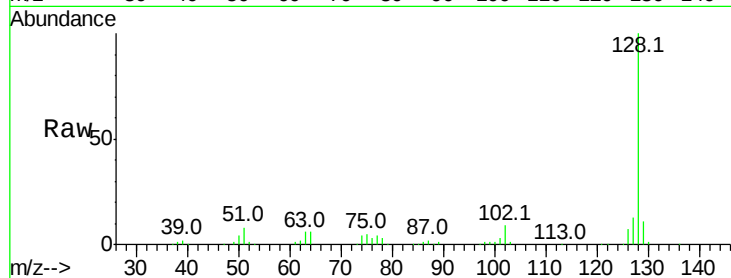
Tot Ion:128 Resp: 247940

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

127 13.2 10.9 16.3



#32

Benzoic acid

Concen: 7.119 ng

RT: 7.97 min Scan# 958

Delta R.T. -0.05 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

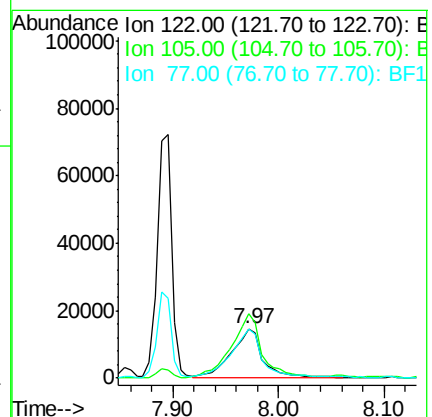
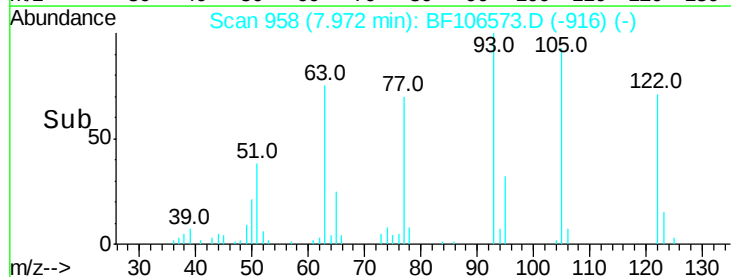
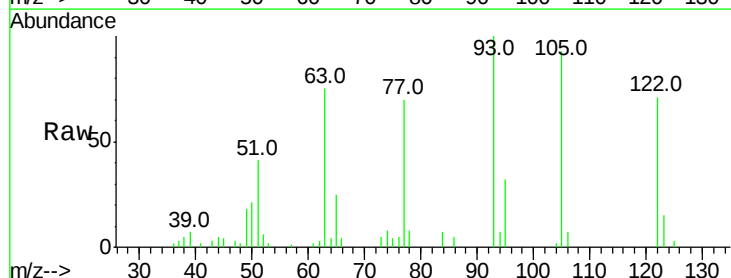
Tgt Ion:122 Resp: 30478

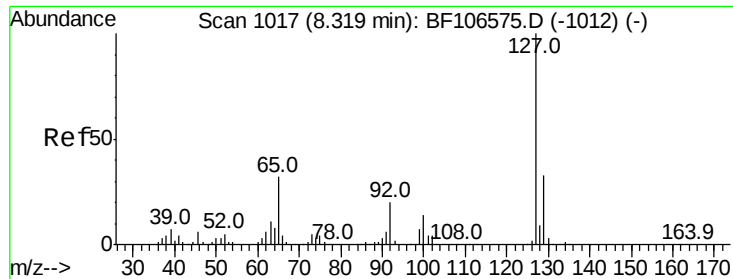
Ion Ratio Lower Upper

122 100

105 131.5 101.1 141.1

77 99.9 70.7 110.7

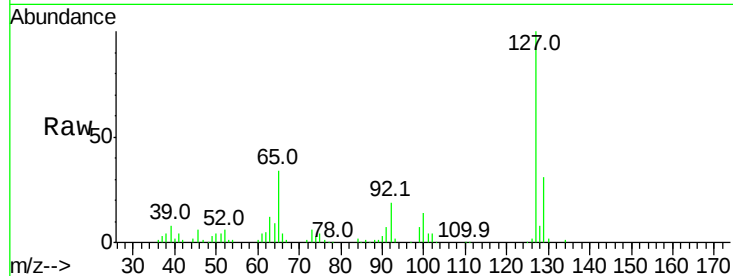




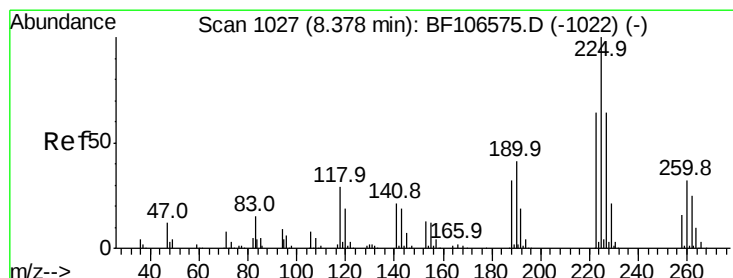
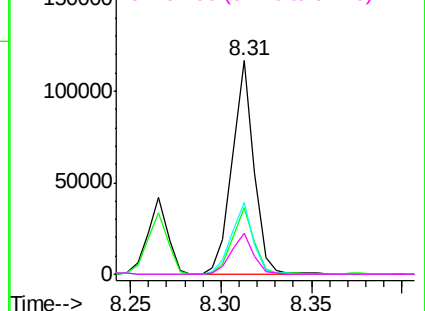
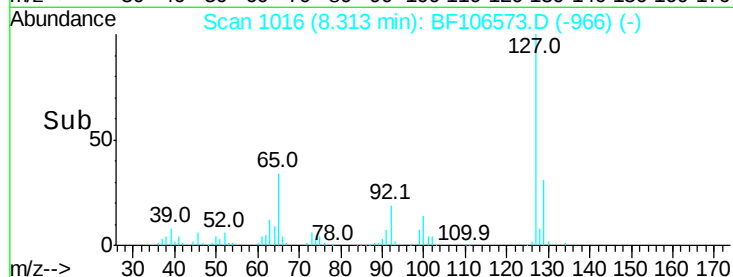
#33
4-Chloroaniline
Concen: 10.714 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106573.D
Acq: 19 Jun 2018 10:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	98483
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.9	38.9
65	33.7	25.0	37.4
92	19.4	15.2	22.8

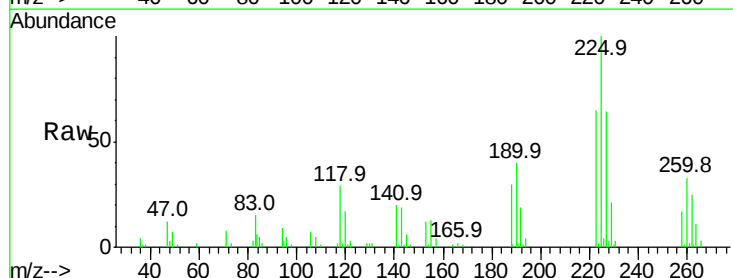


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

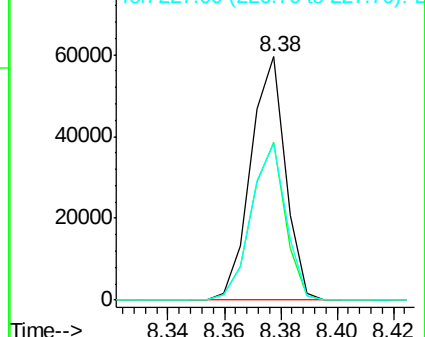
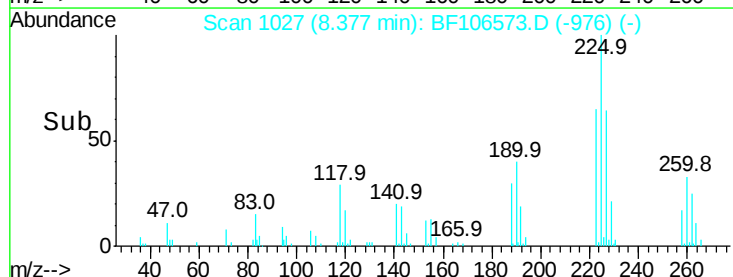


#34
Hexachlorobutadiene
Concen: 11.298 ng
RT: 8.38 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF106573.D
Acq: 19 Jun 2018 10:50

Tgt Ion:	225	Resp:	50640
Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.6	76.0
227	64.4	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: 10.300 ng

RT: 8.66 min Scan# 1075

Delta R.T. -0.04 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

Instrument :

BNA_F

ClientSampled :

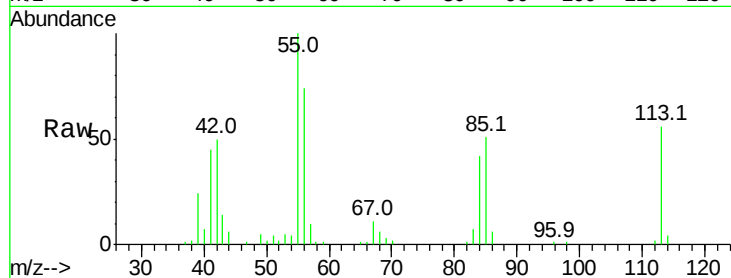
Tot Ion:113 Resp: 21677

Ion Ratio Lower Upper

113 100

55 179.5 163.3 203.3

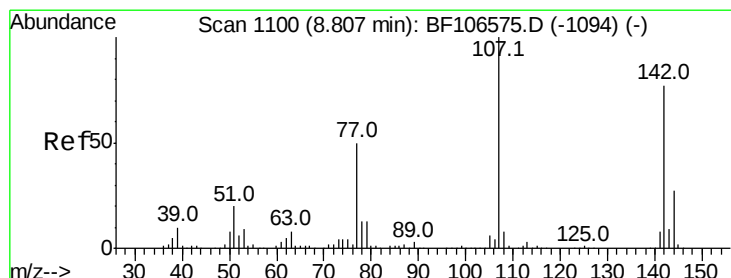
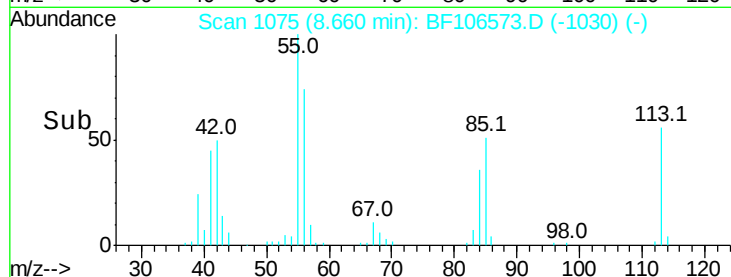
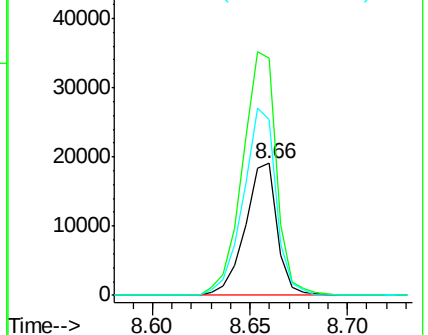
56 133.5 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 10.825 ng

RT: 8.80 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

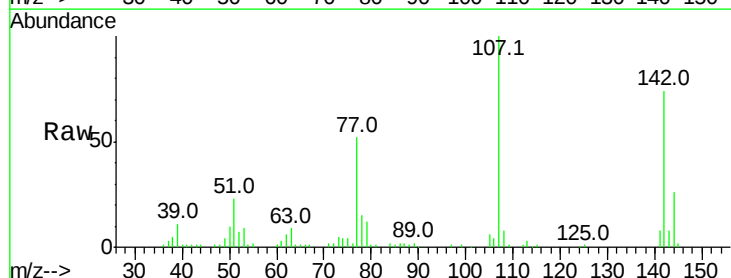
Tgt Ion:107 Resp: 74504

Ion Ratio Lower Upper

107 100

144 26.1 20.5 30.7

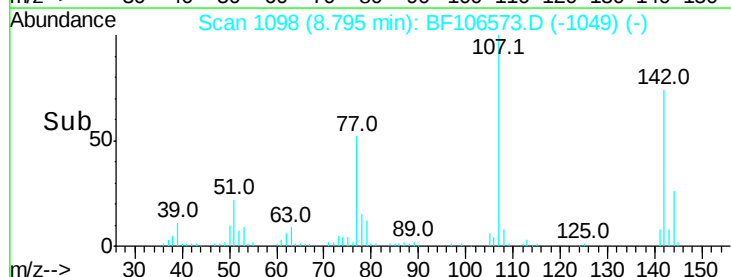
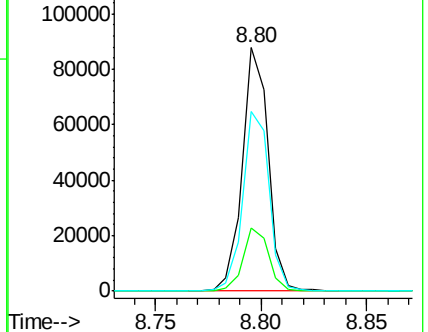
142 74.0 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

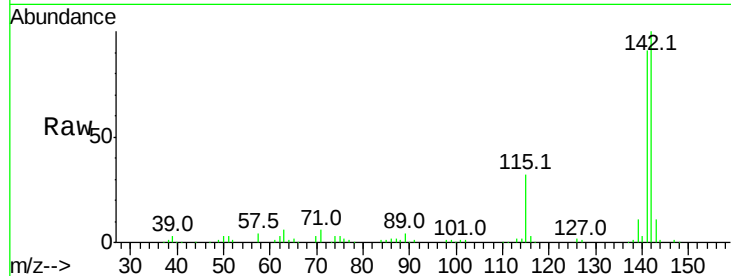




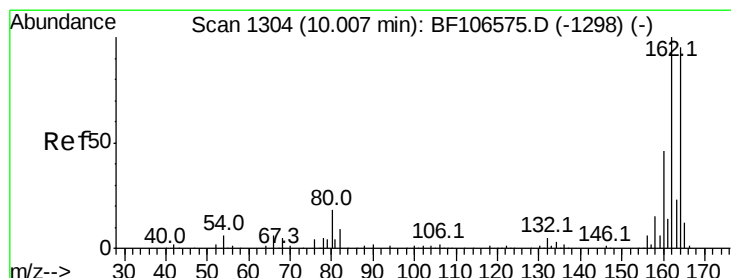
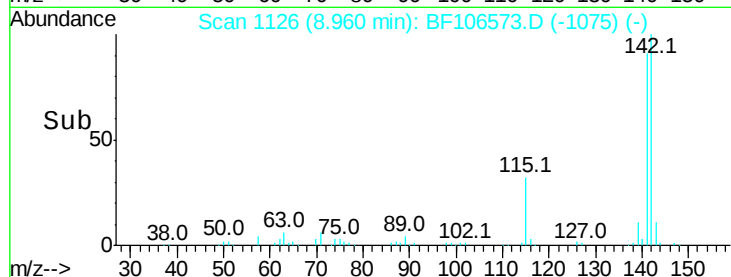
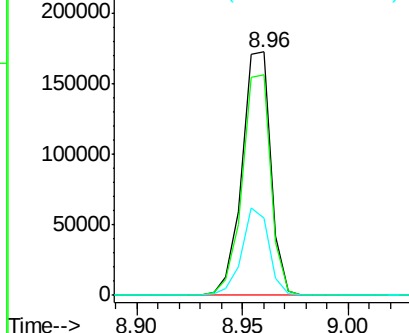
#37
 2-Methylnaphthalene
 Concen: 11.576 ng
 RT: 8.96 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BF106573.D
 Acq: 19 Jun 2018 10:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.8	106.2
115	31.9	26.1	39.1

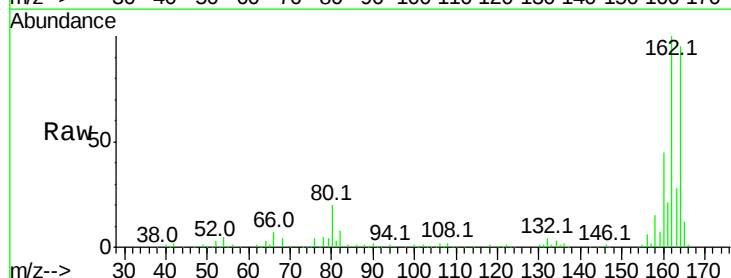


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

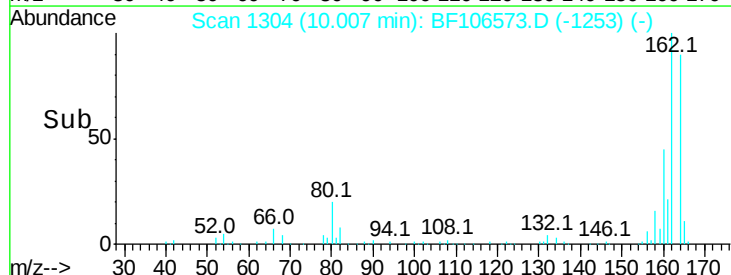
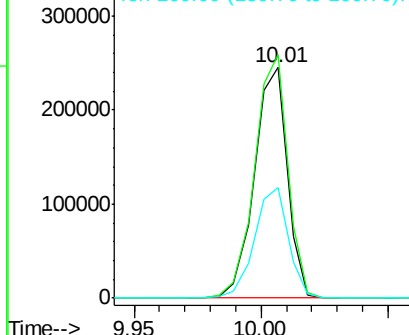


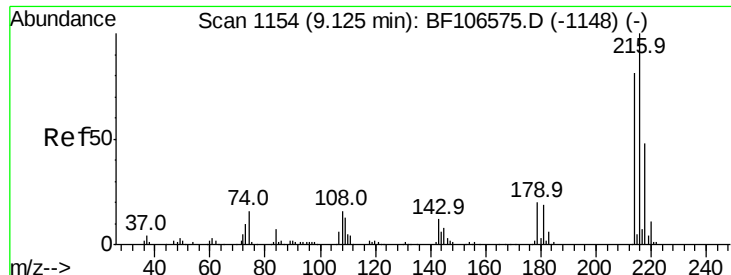
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BF106573.D
 Acq: 19 Jun 2018 10:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	47.8	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

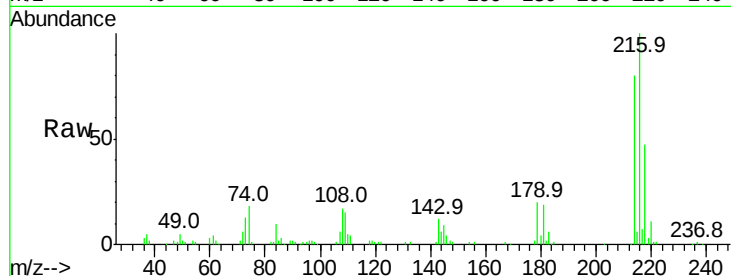




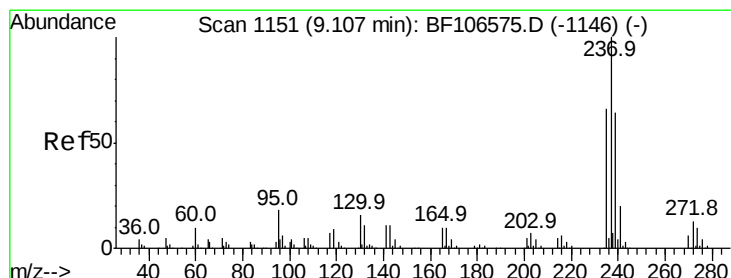
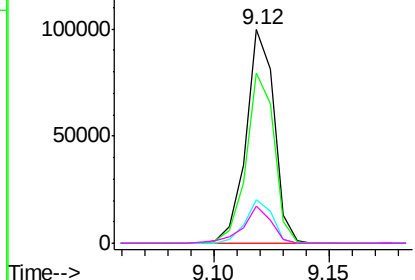
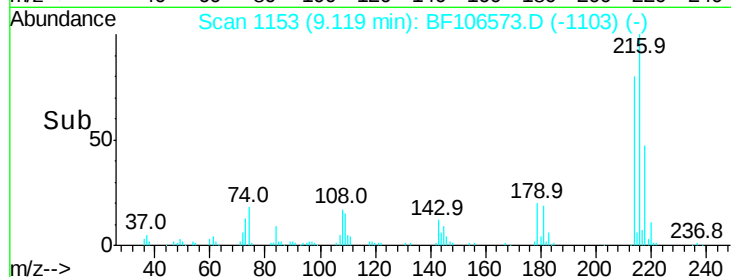
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 11.732 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF106573.D
 Acq: 19 Jun 2018 10:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	85038
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	19.5	18.1	27.1
108	17.2	17.2	25.8

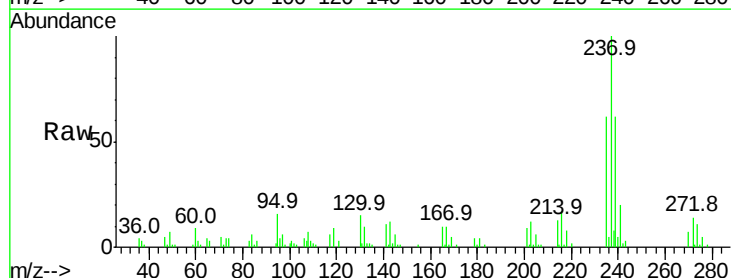


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

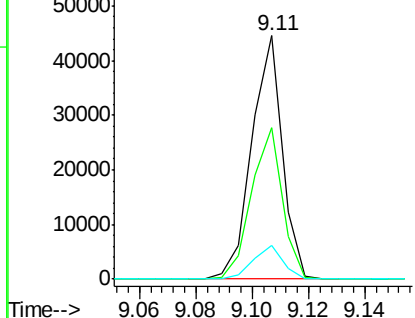
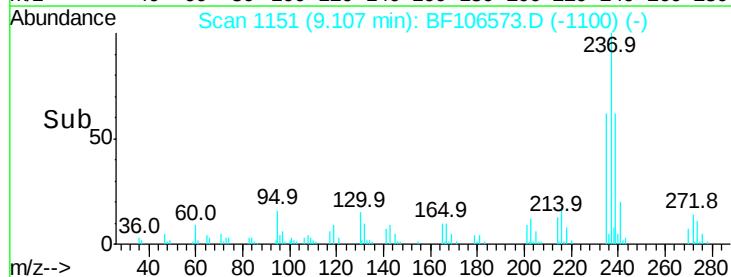


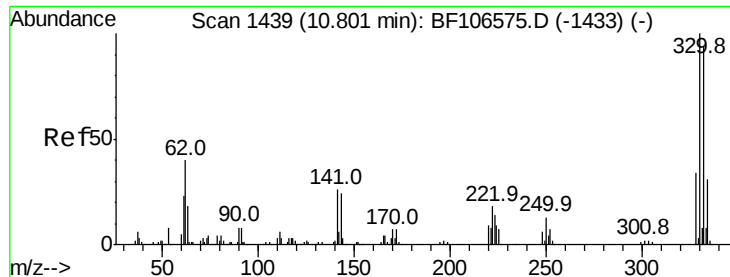
#40
 Hexachlorocyclopentadiene
 Concen: 8.376 ng
 RT: 9.11 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BF106573.D
 Acq: 19 Jun 2018 10:50

Tgt Ion:	237	Resp:	33500
Ion	Ratio	Lower	Upper
237	100		
235	62.0	44.8	84.8
272	13.7	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: 25.959 ng

RT: 10.79 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

Instrument :

BNA_F

ClientSampled :

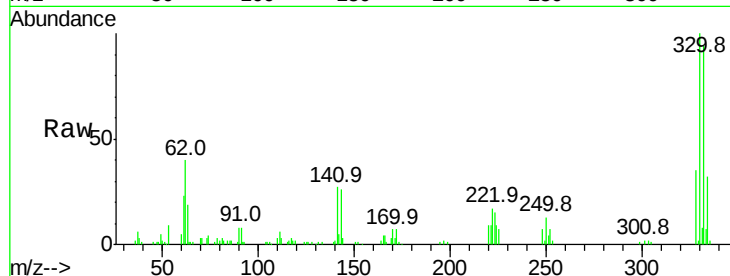
Tot Ion:330 Resp: 55771

Ion Ratio Lower Upper

330 100

332 94.0 77.0 115.6

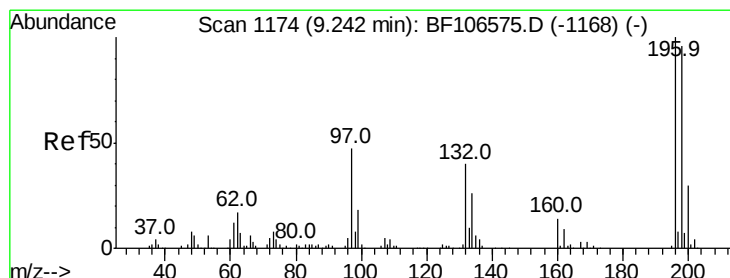
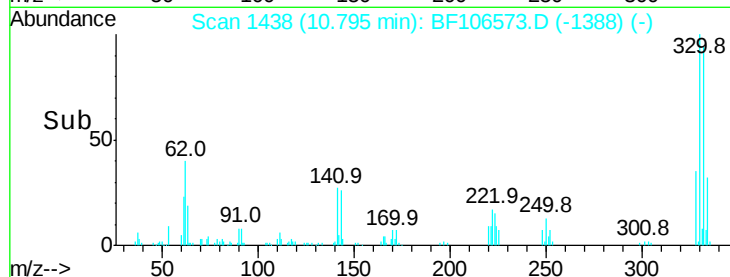
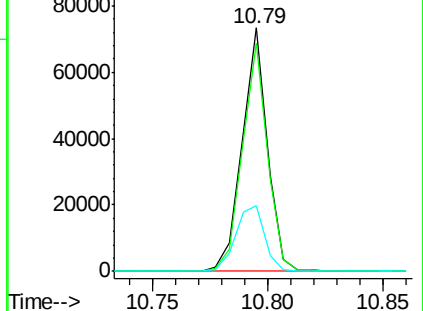
141 31.2 29.9 44.9



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: 11.745 ng

RT: 9.24 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

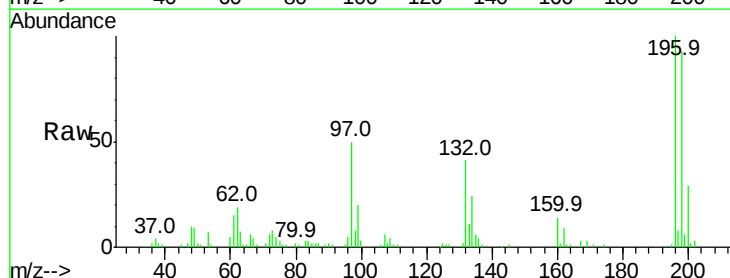
Tgt Ion:196 Resp: 54256

Ion Ratio Lower Upper

196 100

198 92.8 75.7 113.5

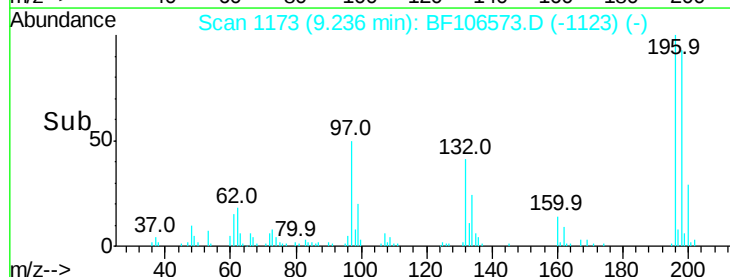
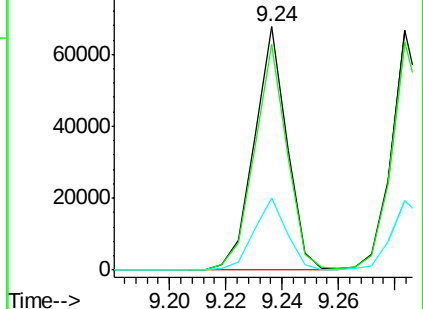
200 29.4 24.5 36.7



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

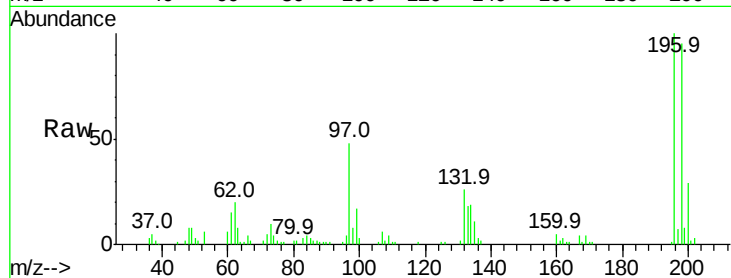




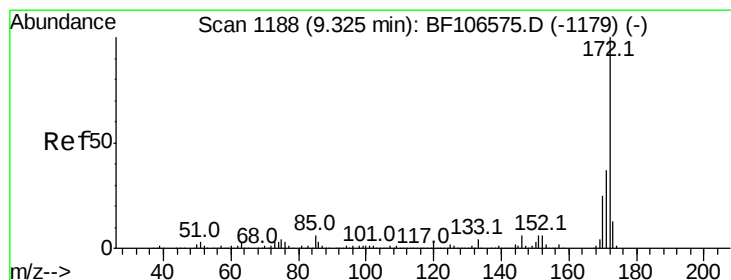
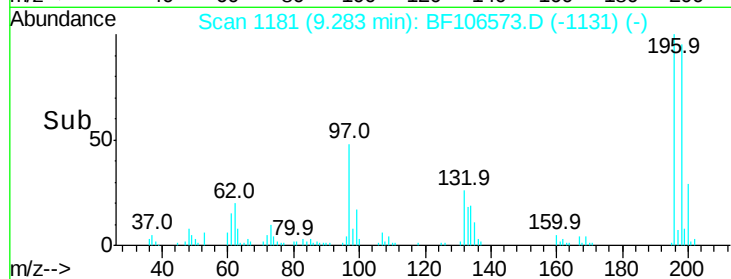
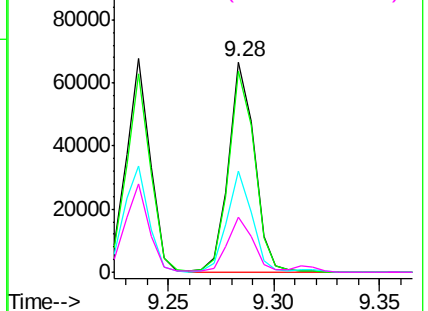
#43
 2,4,5-Trichlorophenol
 Concen: 11.342 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF106573.D
 Acq: 19 Jun 2018 10:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 56483
 Ion Ratio Lower Upper
 196 100
 198 95.4 74.6 112.0
 97 48.4 42.9 64.3
 132 26.4 26.3 39.5

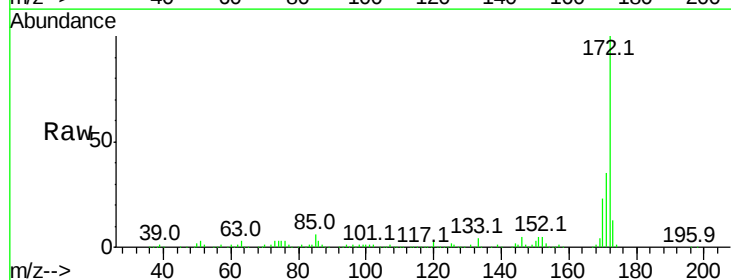


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

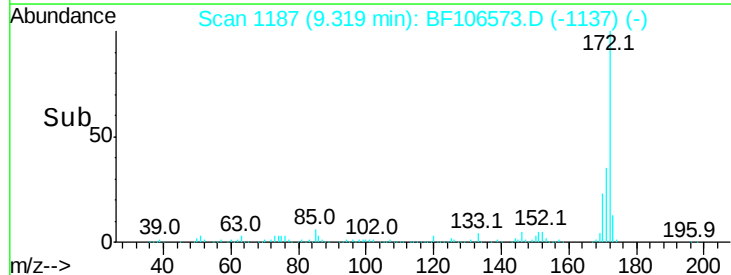
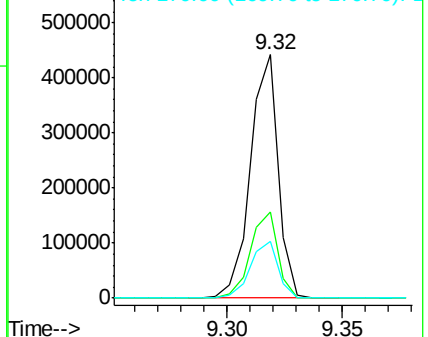


#44
 2-Fluorobiphenyl
 Concen: 28.405 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106573.D
 Acq: 19 Jun 2018 10:50

Tgt Ion:172 Resp: 371975
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.7 44.5
 170 23.5 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: 12.036 ng

RT: 9.42 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

Instrument :

BNA_F

ClientSampleId :

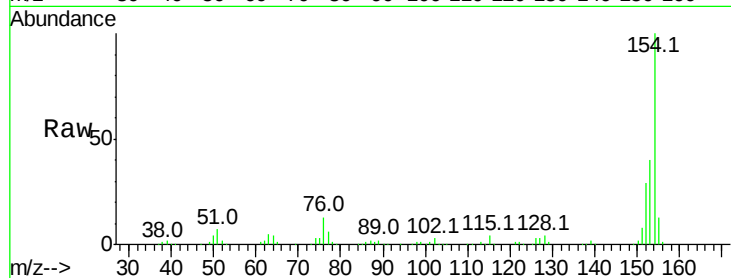
Tot Ion:154 Resp: 208168

Ion Ratio Lower Upper

154 100

153 39.9 21.3 61.3

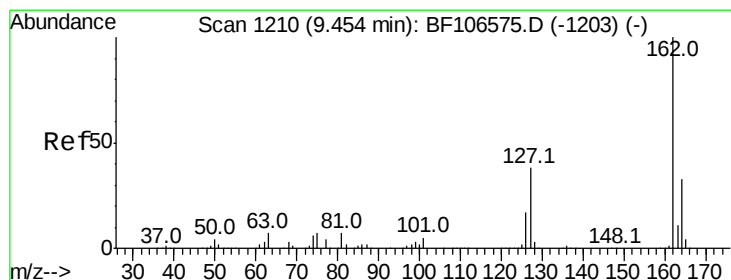
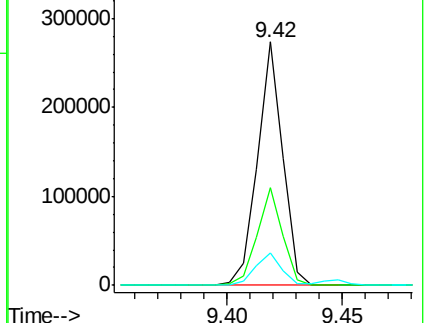
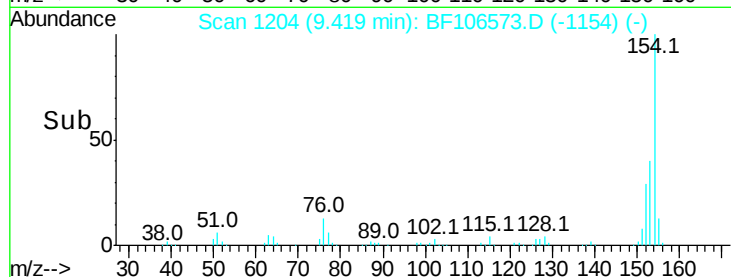
76 13.1 0.0 34.0



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: 11.512 ng

RT: 9.45 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

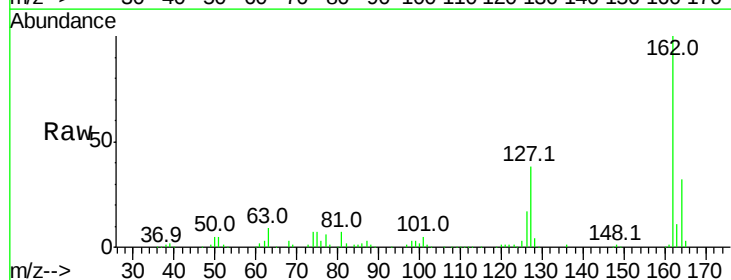
Tgt Ion:162 Resp: 159328

Ion Ratio Lower Upper

162 100

127 37.6 33.9 50.9

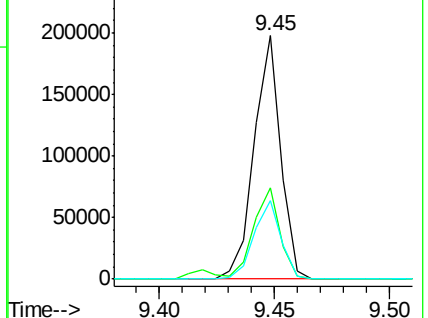
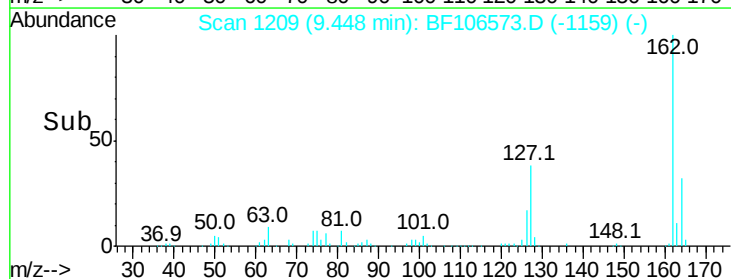
164 32.3 26.5 39.7

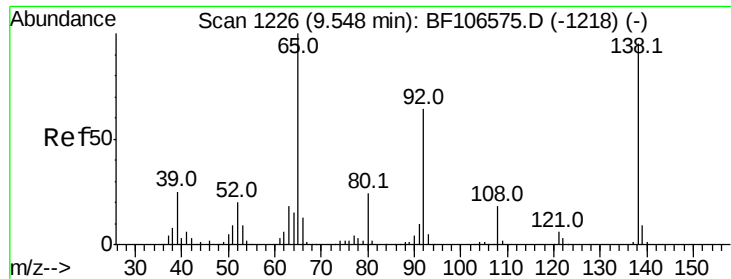


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 11.644 ng

RT: 9.54 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

Instrument :

BNA_F

ClientSampleId :

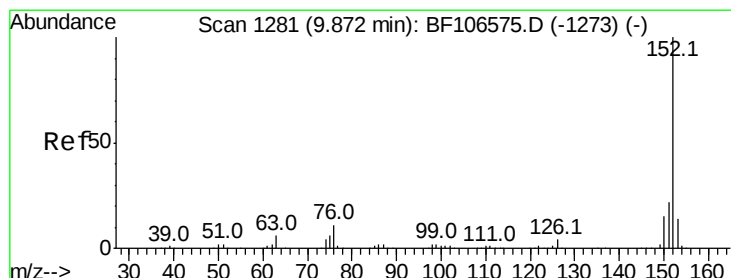
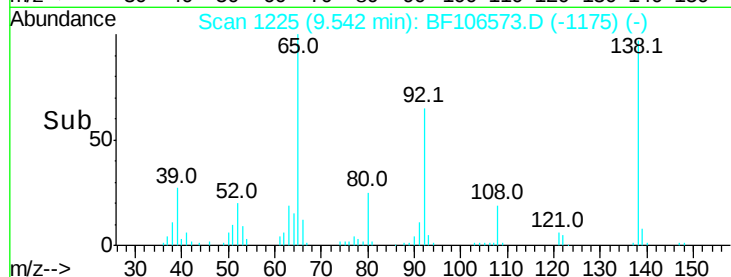
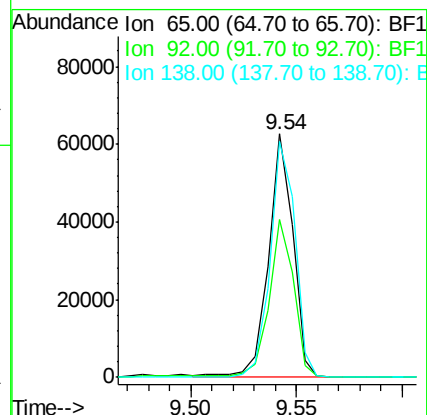
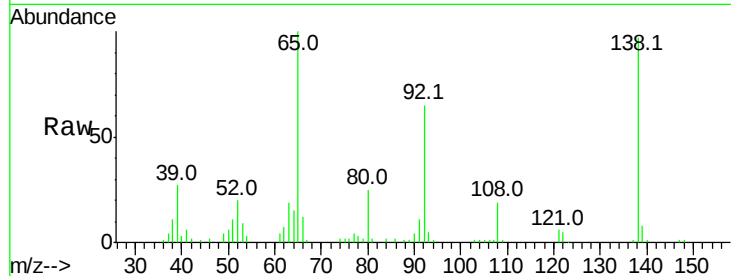
Tot Ion: 65 Resp: 50699

Ion Ratio Lower Upper

65 100

92 65.1 55.8 83.6

138 97.1 91.2 136.8



#48

Acenaphthylene

Concen: 12.121 ng

RT: 9.87 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

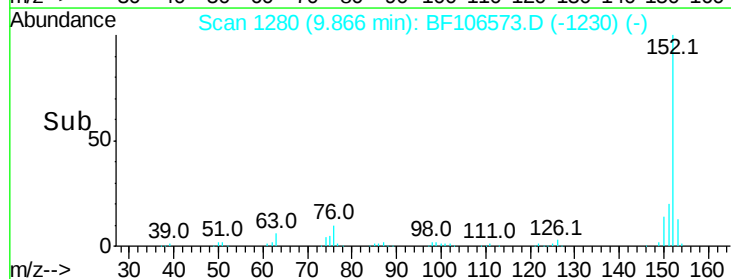
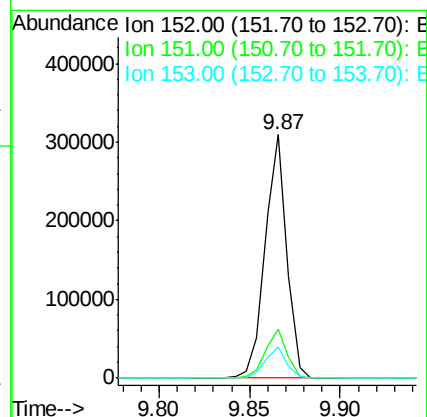
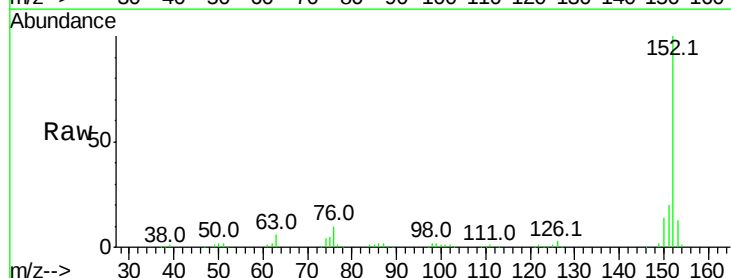
Tgt Ion: 152 Resp: 256771

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

153 13.0 10.7 16.1

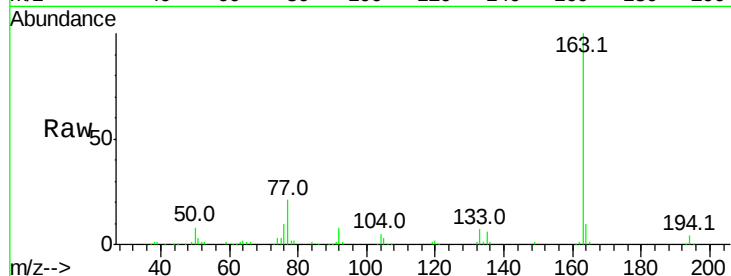




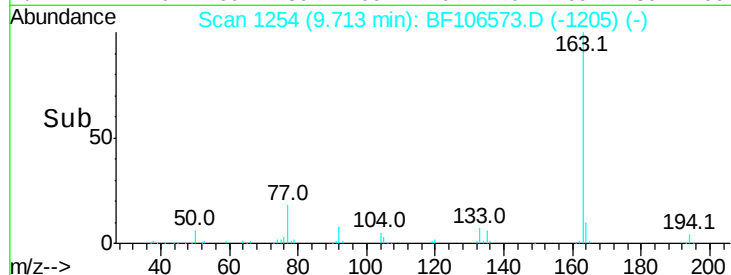
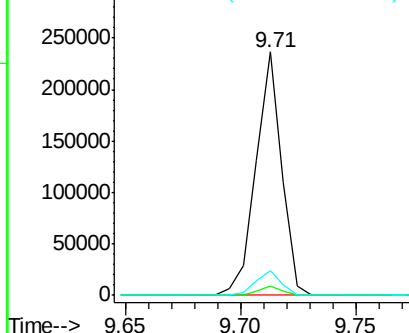
#49
Dimethylphthalate
Concen: 11.546 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106573.D
Acq: 19 Jun 2018 10:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 184186
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.1 8.2 12.2

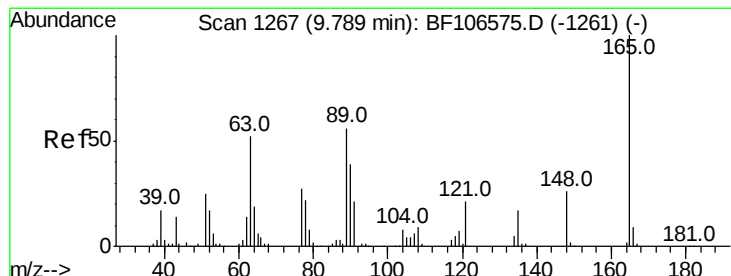


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

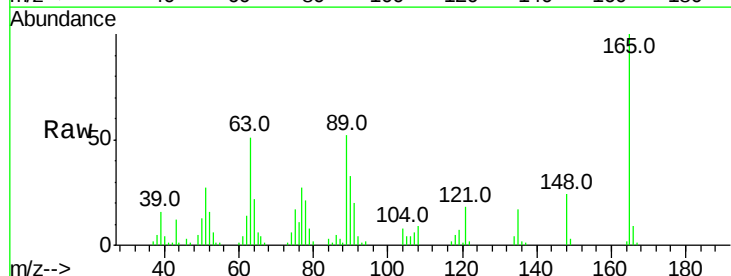
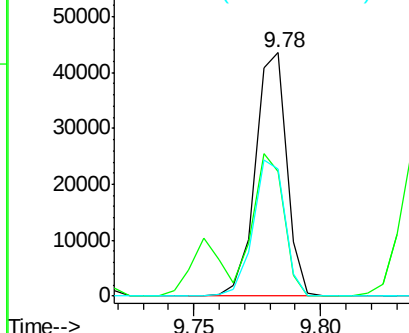


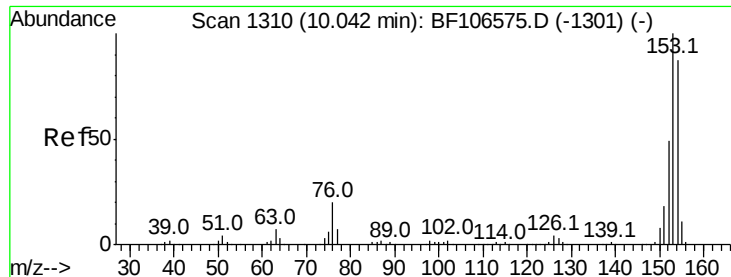
#50
2,6-Dinitrotoluene
Concen: 11.616 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF106573.D
Acq: 19 Jun 2018 10:50

Tgt Ion:165 Resp: 37851
Ion Ratio Lower Upper
165 100
63 51.0 44.7 67.1
89 52.3 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: 11.573 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

Instrument :

BNA_F

ClientSampleId :

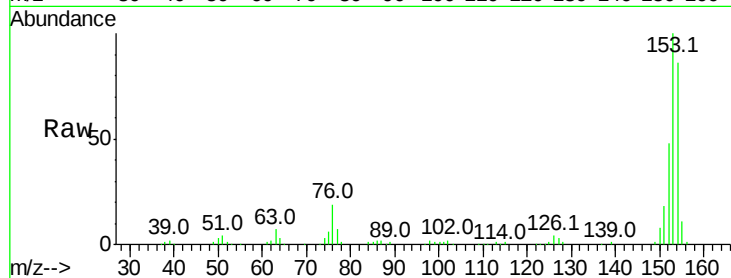
Tot Ion:154 Resp: 158330

Ion Ratio Lower Upper

154 100

153 116.3 91.2 136.8

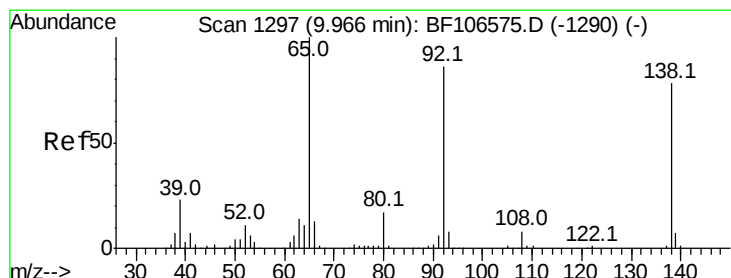
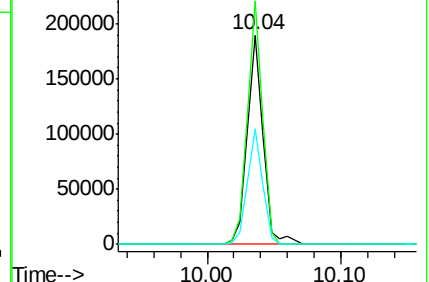
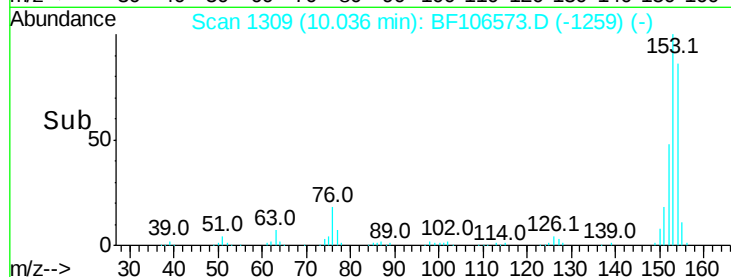
152 55.4 43.8 65.8



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: 11.174 ng

RT: 9.95 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

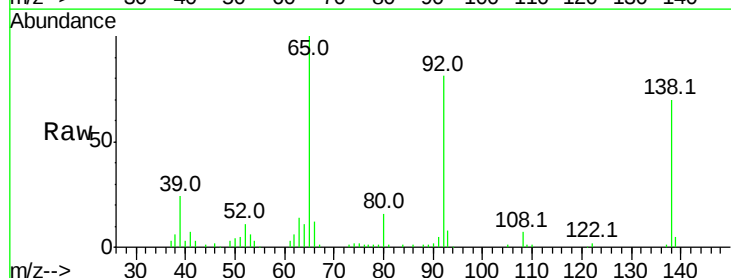
Tgt Ion:138 Resp: 43216

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

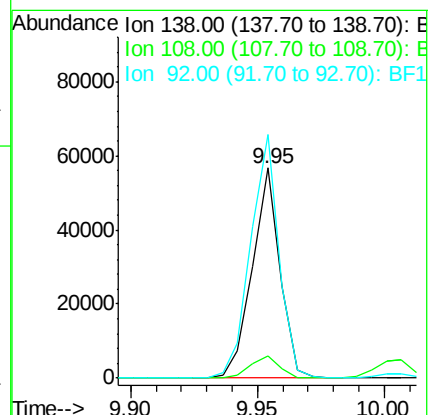
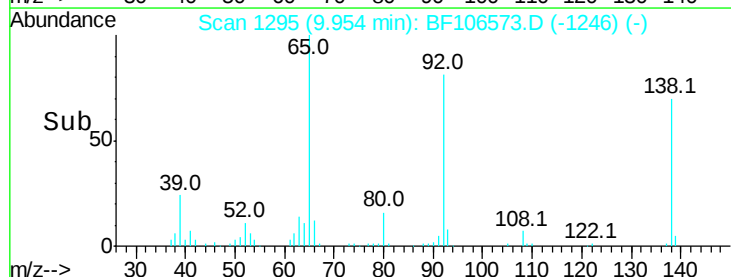
92 116.0 89.4 134.2



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

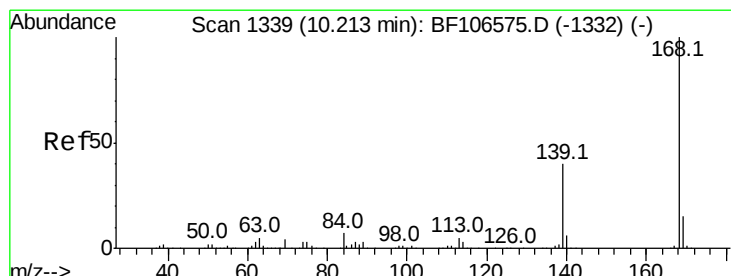
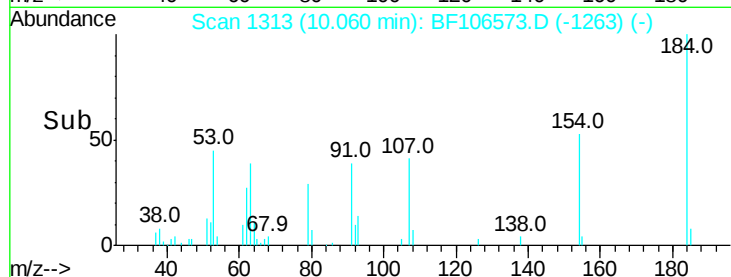
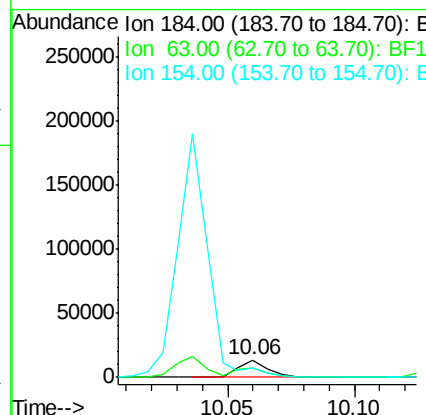
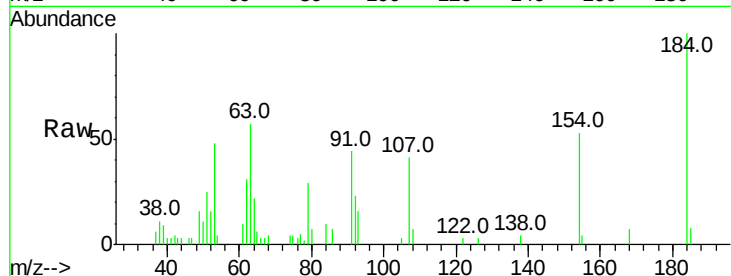




#53
 2,4-Dinitrophenol
 Concen: 8.998 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF106573.D
 Acq: 19 Jun 2018 10:50

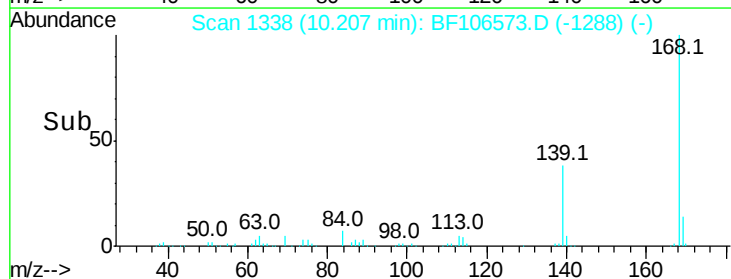
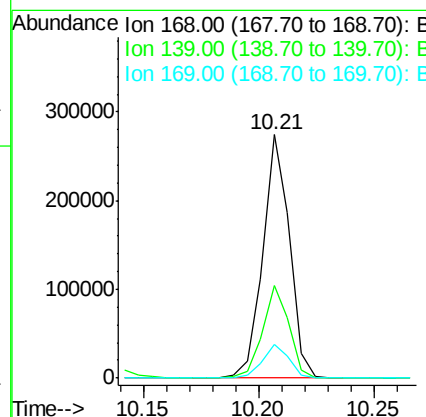
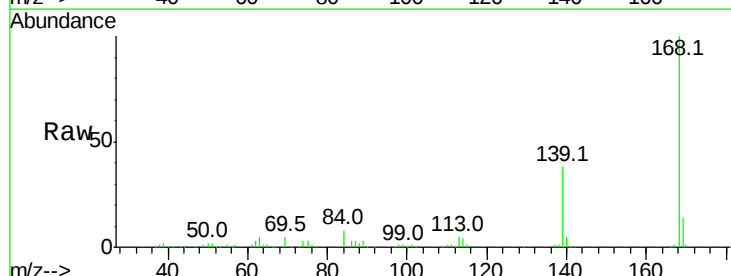
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 10839
 Ion Ratio Lower Upper
 184 100
 63 56.7 54.2 81.2
 154 52.7 184.0 276.0#



#54
 Dibenzofuran
 Concen: 12.001 ng
 RT: 10.21 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF106573.D
 Acq: 19 Jun 2018 10:50

Tgt Ion:168 Resp: 221091
 Ion Ratio Lower Upper
 168 100
 139 38.2 30.1 45.1
 169 13.7 10.9 16.3

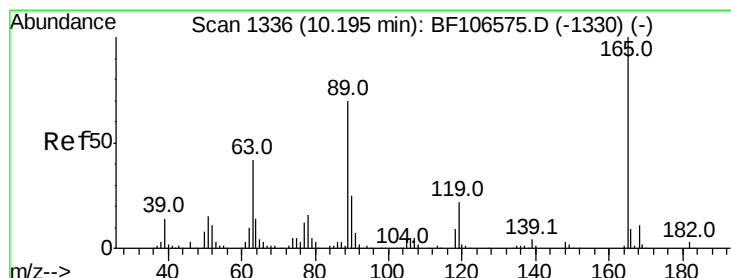
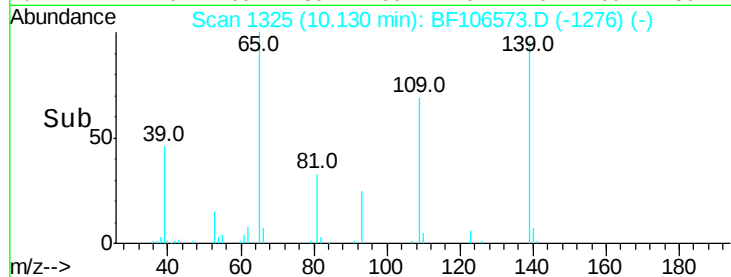
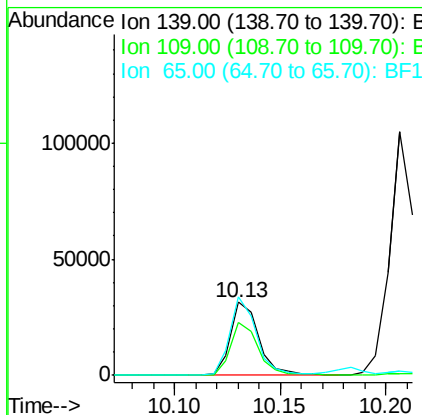
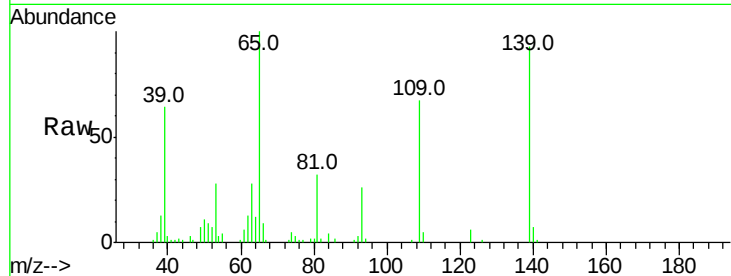




#55
4-Nitrophenol
Concen: 9.888 ng
RT: 10.13 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF106573.D
Acq: 19 Jun 2018 10:50

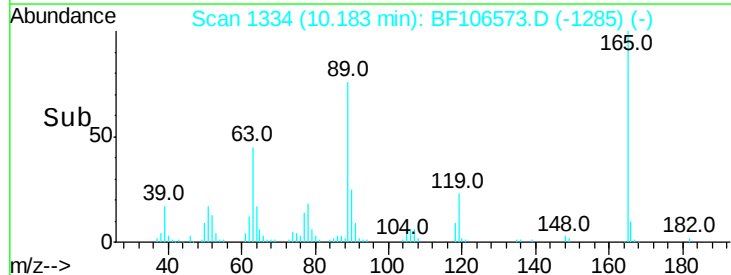
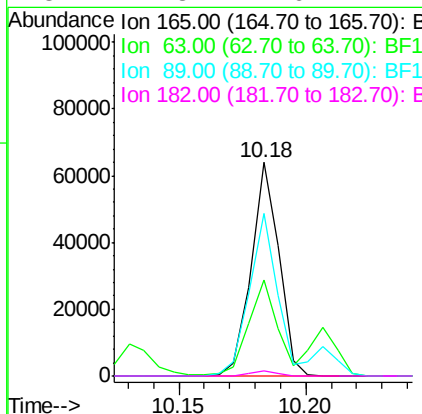
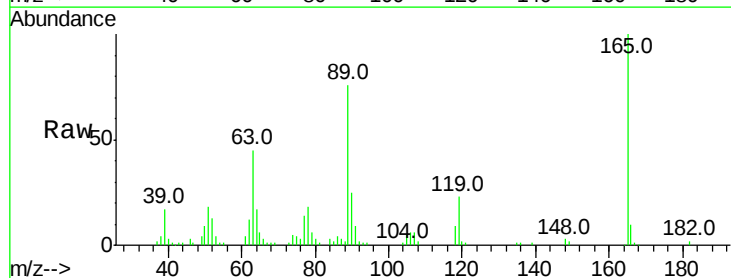
Instrument :
BNA_F
ClientSampleId :

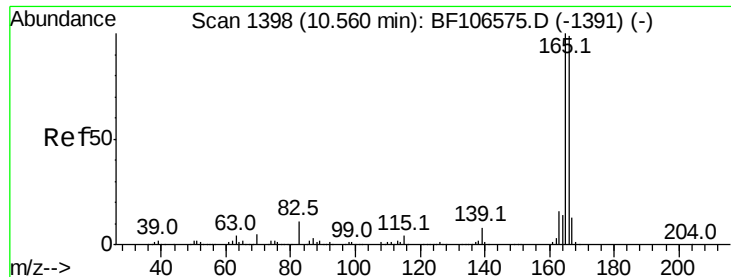
Tot Ion:139 Resp: 29314
Ion Ratio Lower Upper
139 100
109 72.2 48.4 88.4
65 107.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 12.007 ng
RT: 10.18 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF106573.D
Acq: 19 Jun 2018 10:50

Tgt Ion:165 Resp: 49135
Ion Ratio Lower Upper
165 100
63 44.9 36.4 54.6
89 75.9 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 12.419 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

Instrument :

BNA_F

ClientSampleId :

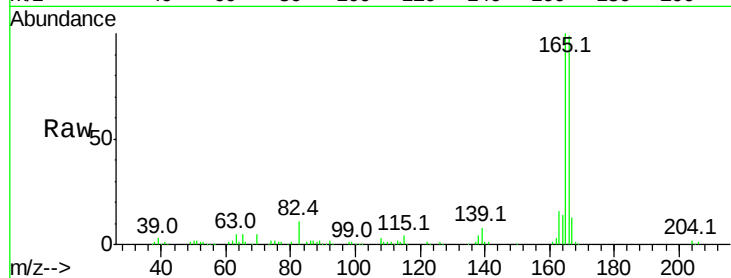
Tot Ion:166 Resp: 181278

Ion Ratio Lower Upper

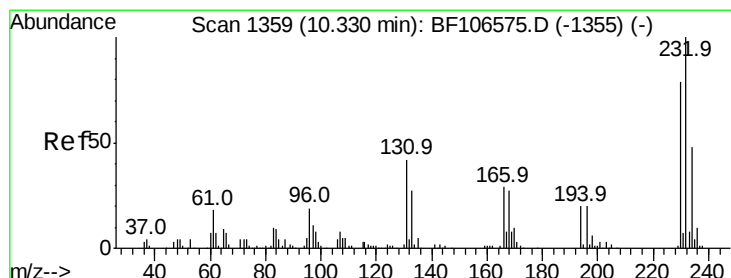
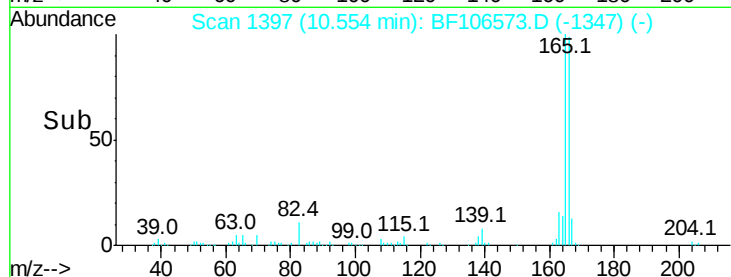
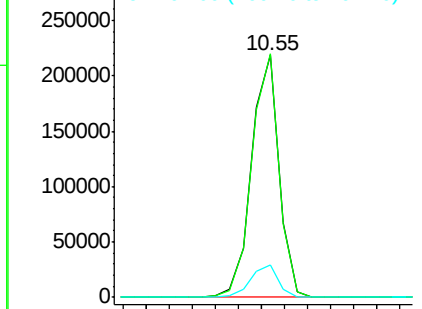
166 100

165 100.5 79.8 119.8

167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 11.081 ng

RT: 10.33 min Scan# 1359

Delta R.T. -0.00 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

Tgt Ion:232 Resp: 43738

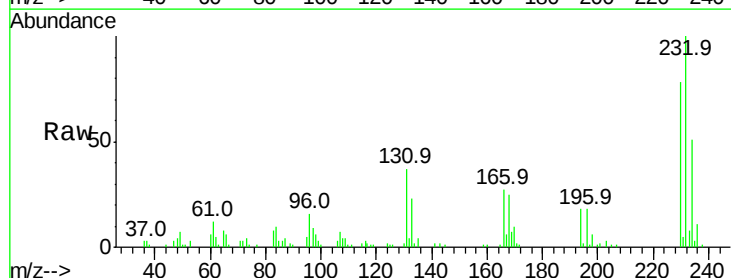
Ion Ratio Lower Upper

232 100

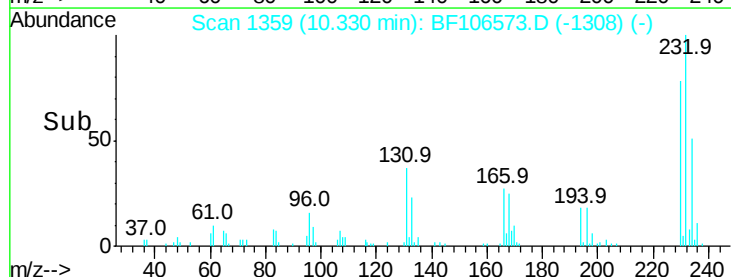
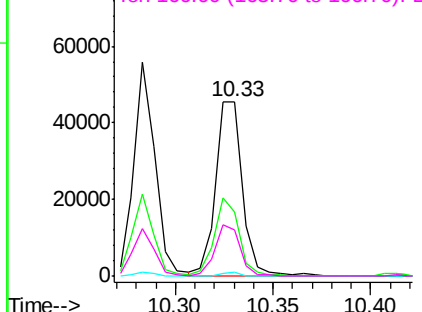
131 41.2 43.8 65.8#

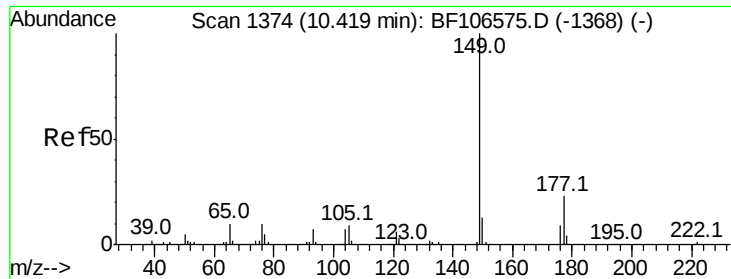
130 1.4 2.1 3.1#

166 27.5 27.8 41.6#



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

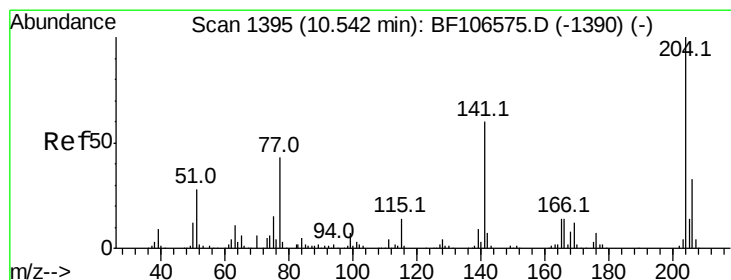
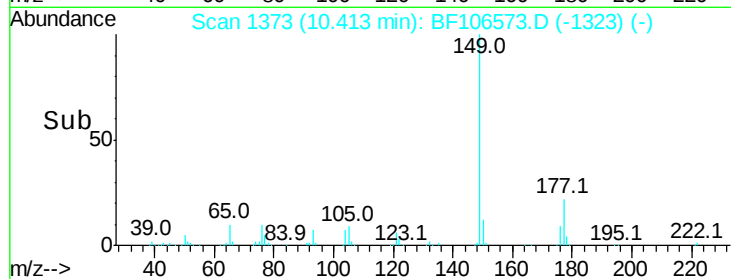
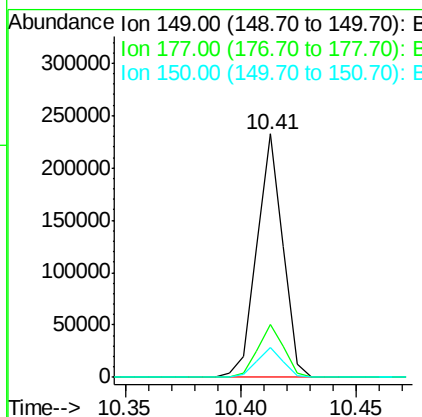
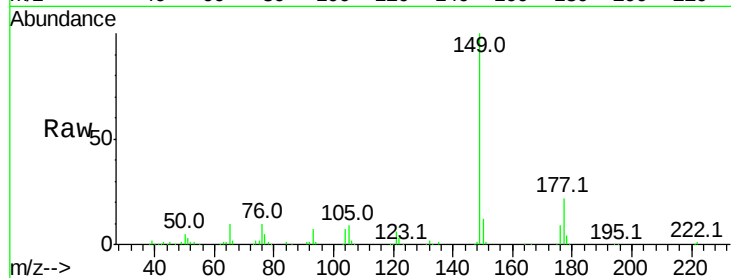




#59
Diethylphthalate
Concen: 11.579 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF106573.D
Acq: 19 Jun 2018 10:50

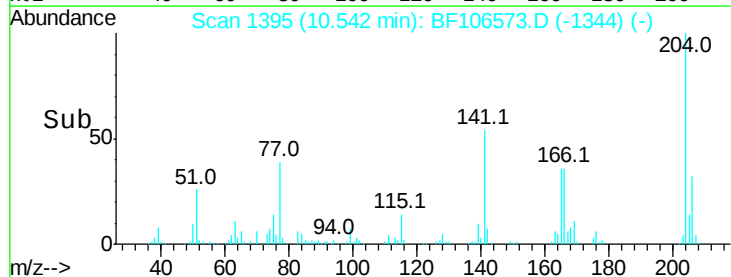
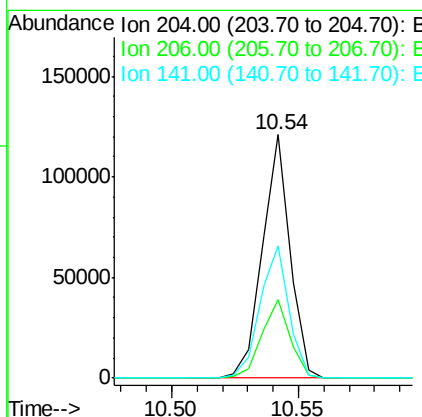
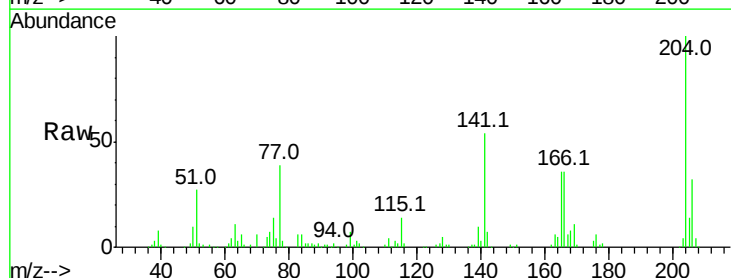
Instrument :
BNA_F
ClientSampleId :

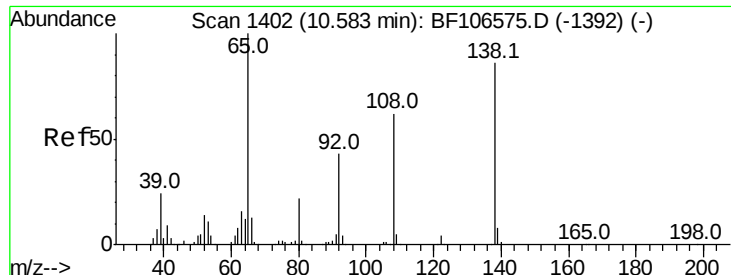
Tot Ion:149 Resp: 183340
Ion Ratio Lower Upper
149 100
177 21.9 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 11.948 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF106573.D
Acq: 19 Jun 2018 10:50

Tgt Ion:204 Resp: 91725
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 54.4 54.6 81.8#

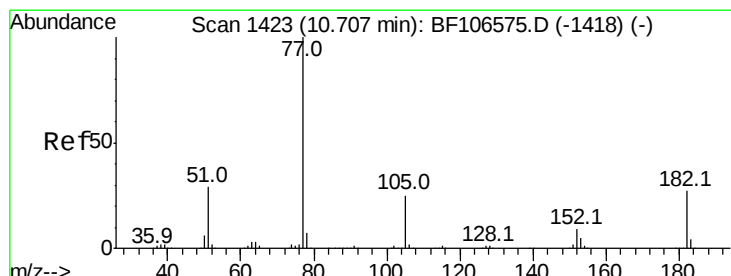
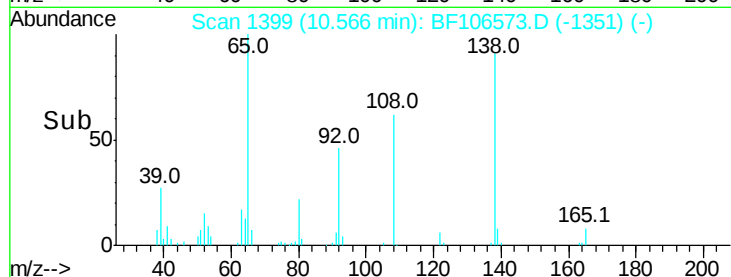
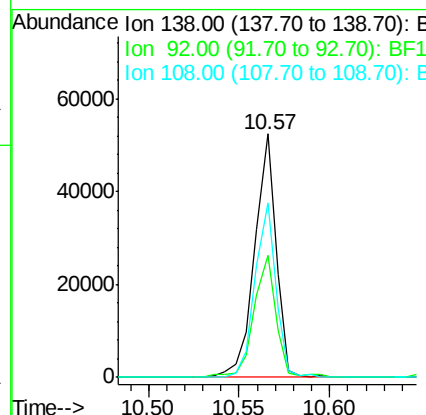
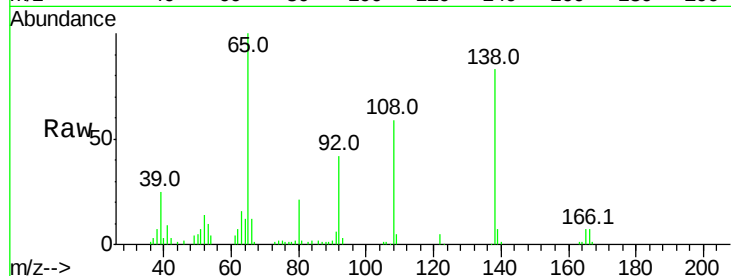




#61
4-Nitroaniline
Concen: 11.532 ng
RT: 10.57 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BF106573.D
Acq: 19 Jun 2018 10:50

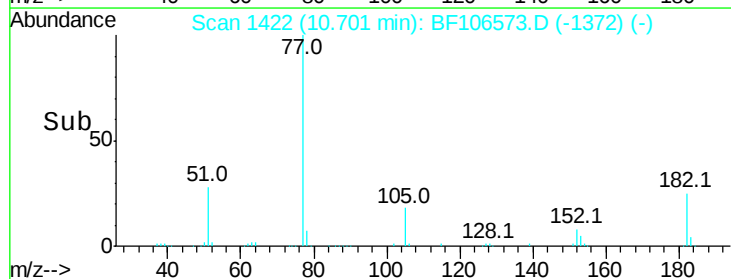
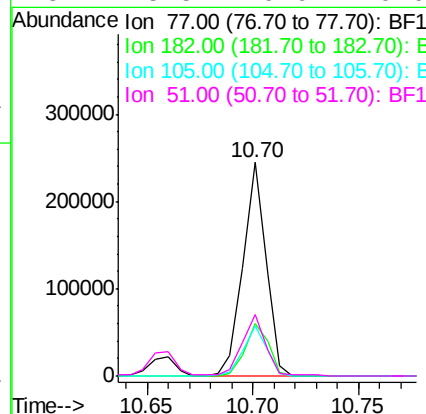
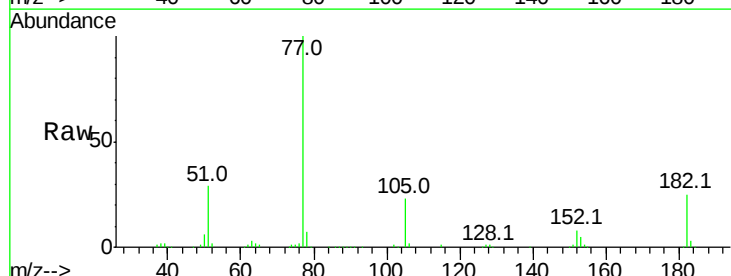
Instrument :
BNA_F
ClientSampleId :

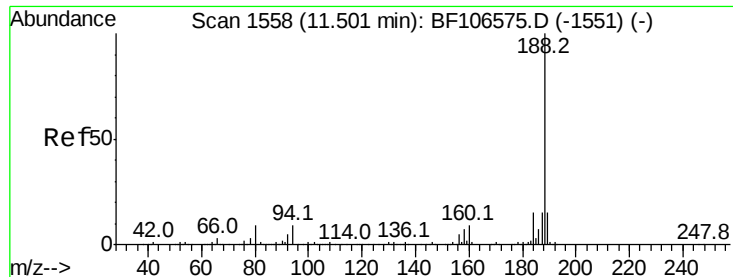
Tot Ion:138 Resp: 43395
Ion Ratio Lower Upper
138 100
92 50.3 30.2 70.2
108 71.7 52.5 92.5



#62
Azobenzene
Concen: 11.213 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF106573.D
Acq: 19 Jun 2018 10:50

Tgt Ion: 77 Resp: 185126
Ion Ratio Lower Upper
77 100
182 24.7 1.7 41.7
105 23.3 3.0 43.0
51 28.5 9.9 49.9

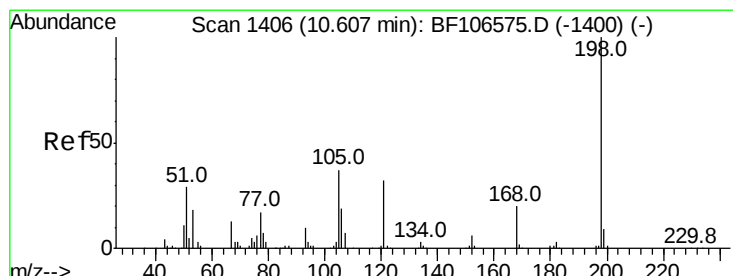
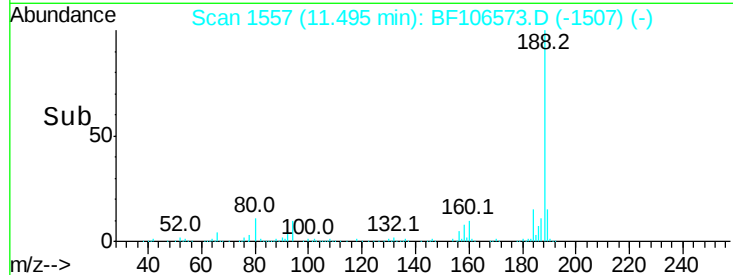
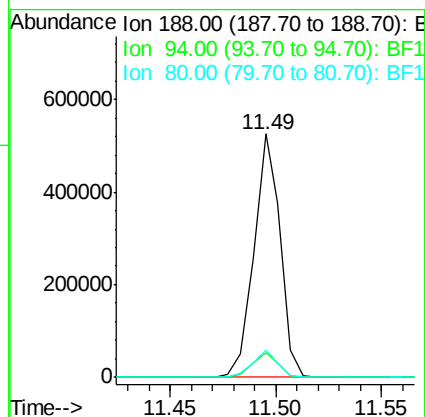
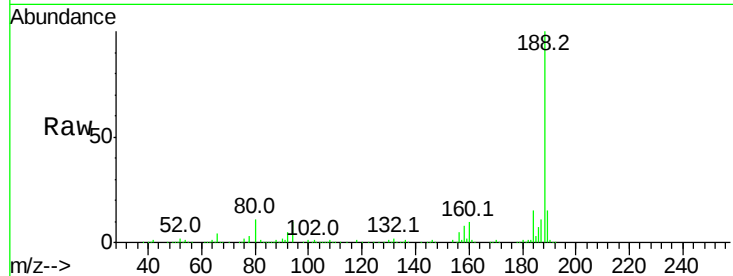




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106573.D
 Acq: 19 Jun 2018 10:50

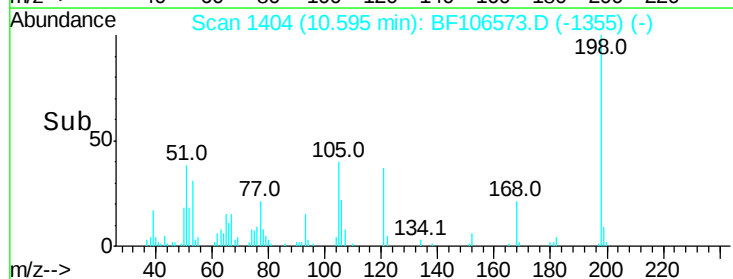
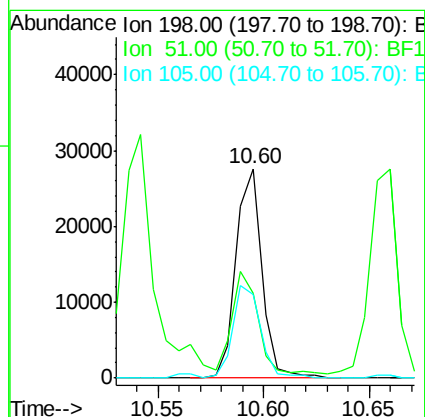
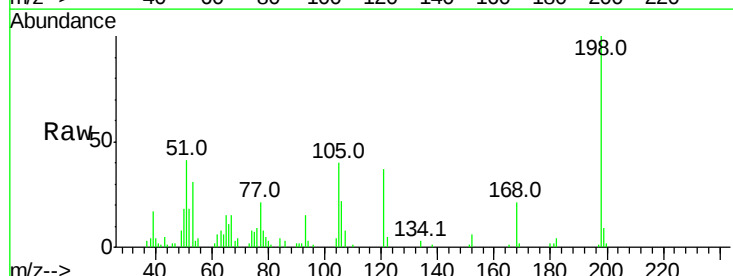
Instrument :
 BNA_F
 ClientSampleId :

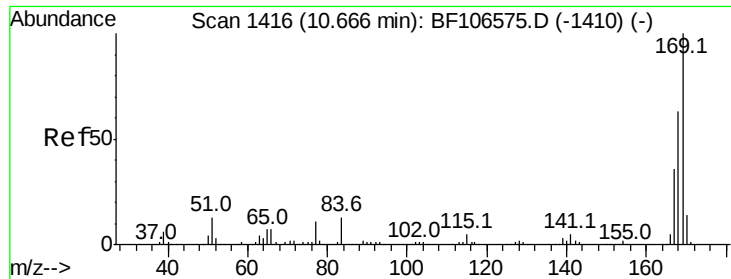
Tot Ion:188 Resp: 450299
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.5 12.7
 80 11.1 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 10.521 ng
 RT: 10.60 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF106573.D
 Acq: 19 Jun 2018 10:50

Tgt Ion:198 Resp: 23153
 Ion Ratio Lower Upper
 198 100
 51 40.7 37.7 77.7
 105 40.3 36.3 76.3

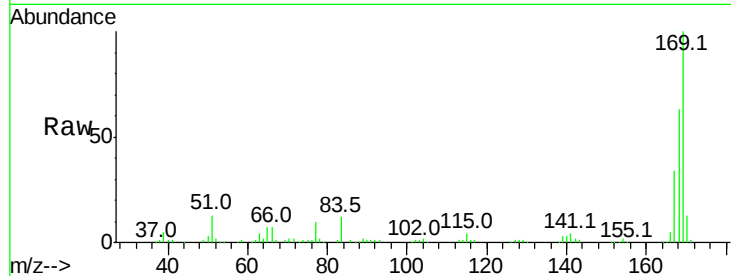




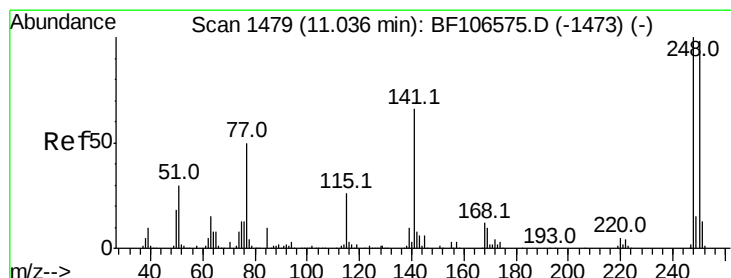
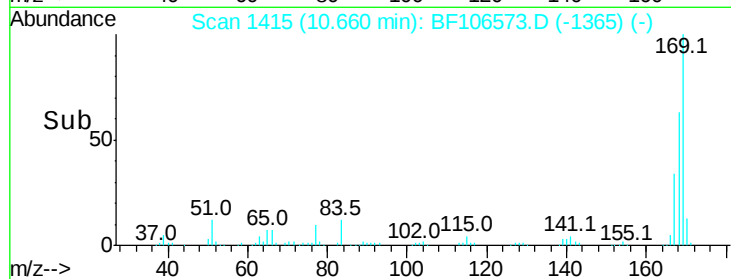
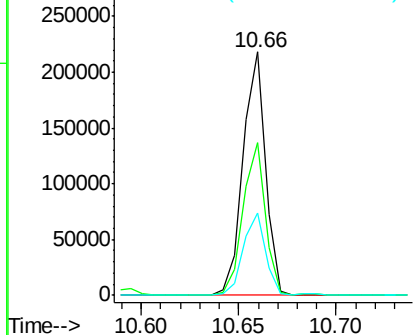
#65
 n-Nitrosodiphenylamine
 Concen: 11.529 ng
 RT: 10.66 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF106573.D
 Acq: 19 Jun 2018 10:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 174478
 Ion Ratio Lower Upper
 169 100
 168 63.0 54.4 81.6
 167 33.6 29.8 44.6

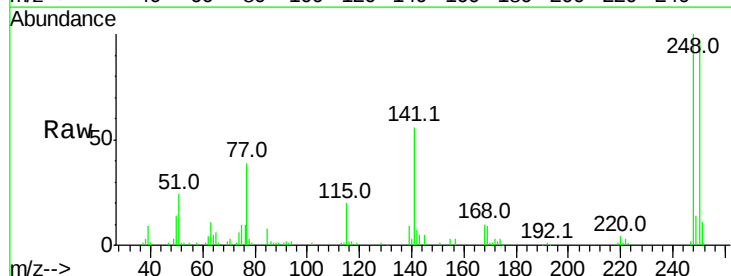


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

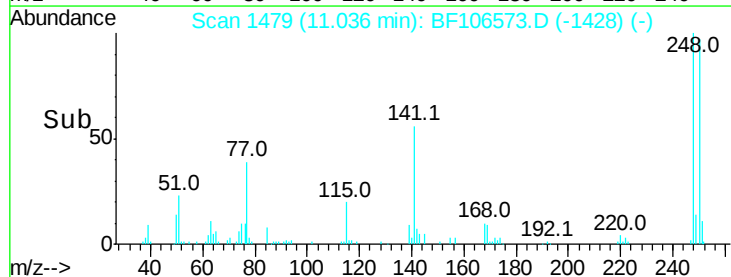
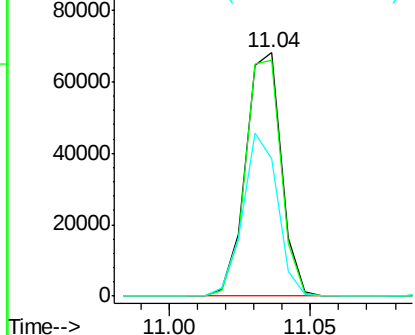


#66
 4-Bromophenyl-phenylether
 Concen: 11.668 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: BF106573.D
 Acq: 19 Jun 2018 10:50

Tgt Ion:248 Resp: 59760
 Ion Ratio Lower Upper
 248 100
 250 97.0 76.9 115.3
 141 56.4 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

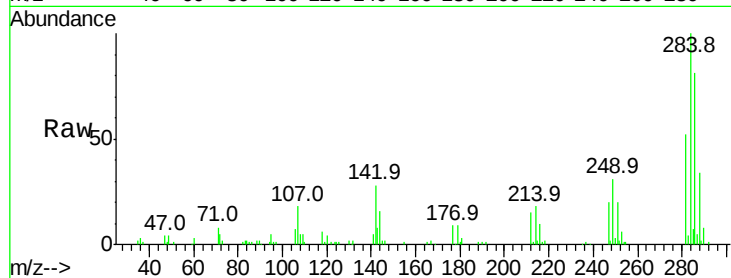




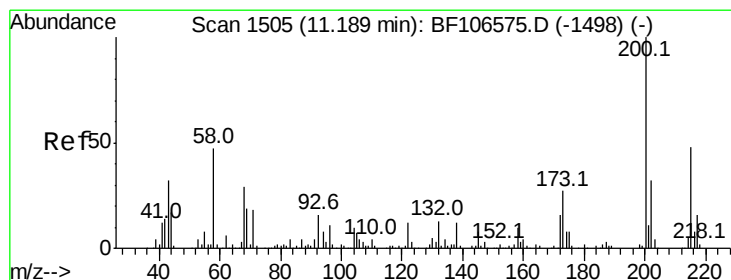
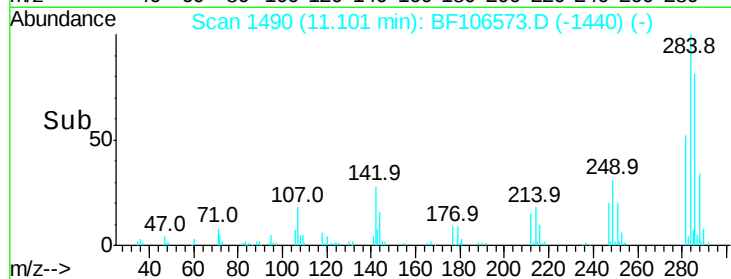
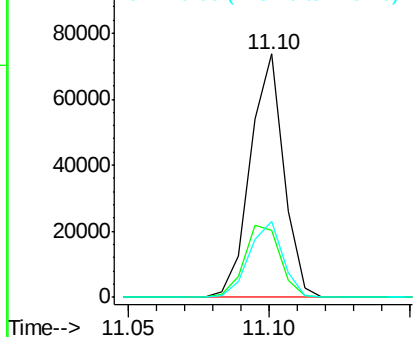
#67
Hexachlorobenzene
Concen: 11.437 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF106573.D
Acq: 19 Jun 2018 10:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 60389
Ion Ratio Lower Upper
284 100
142 27.6 34.6 52.0#
249 31.0 24.8 37.2

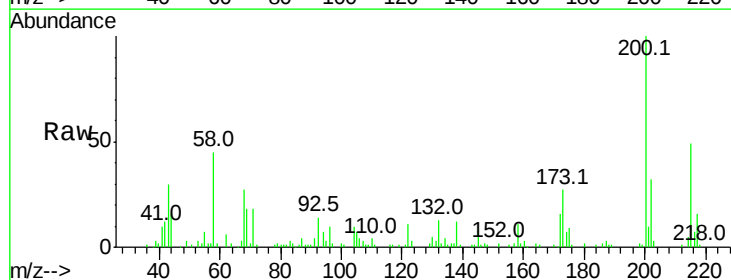


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

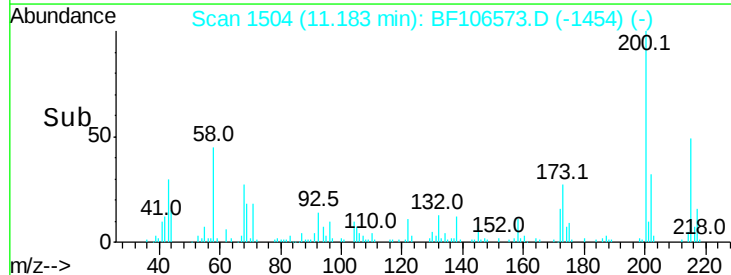
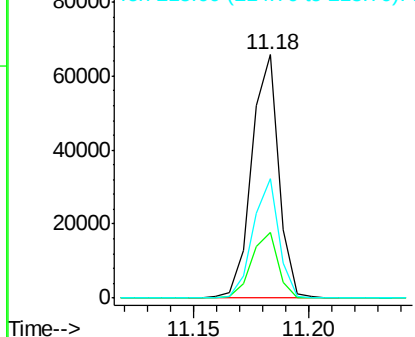


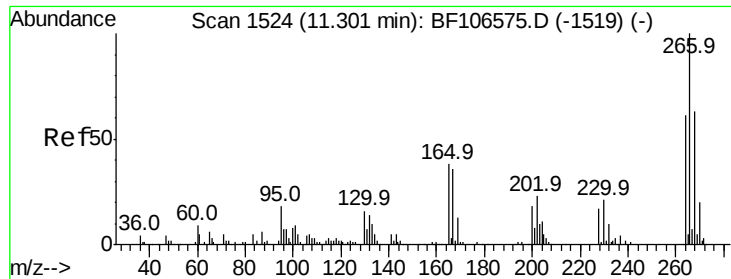
#68
Atrazine
Concen: 11.520 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF106573.D
Acq: 19 Jun 2018 10:50

Tgt Ion:200 Resp: 53728
Ion Ratio Lower Upper
200 100
173 27.1 8.6 48.6
215 49.0 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

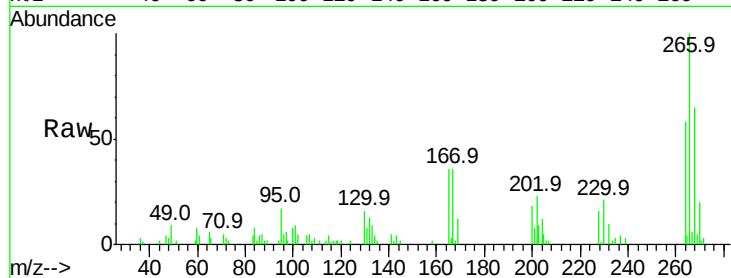




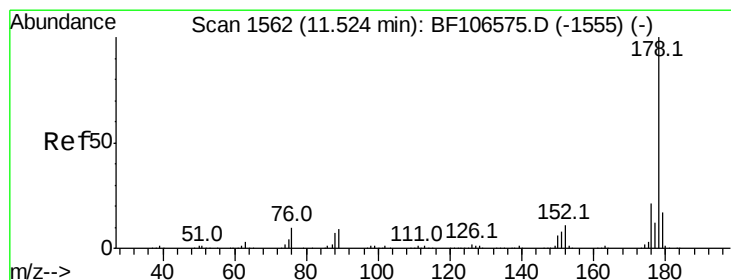
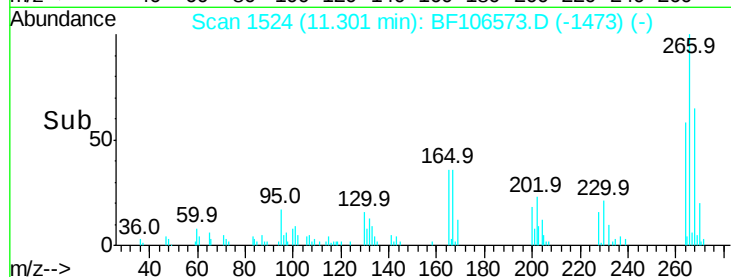
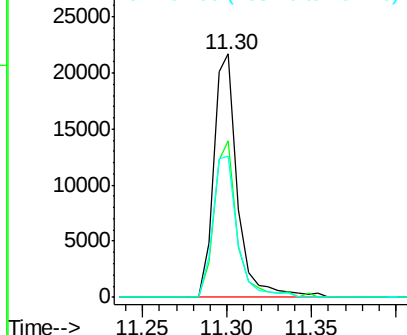
#69
 Pentachlorophenol
 Concen: 6.605 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.00 min
 Lab File: BF106573.D
 Acq: 19 Jun 2018 10:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 21470
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.1 76.7
 264 58.0 49.5 74.3

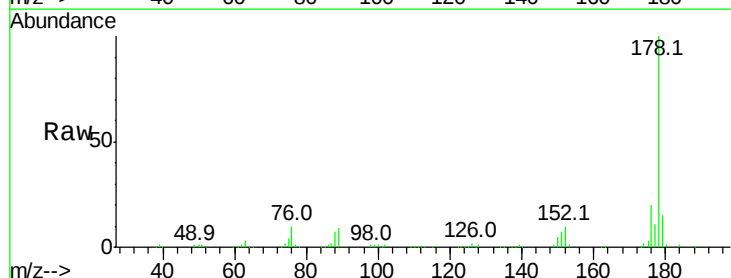


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

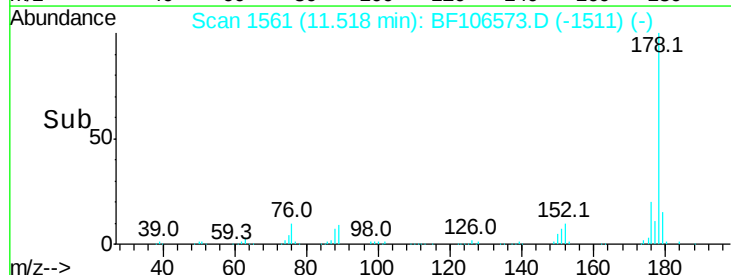
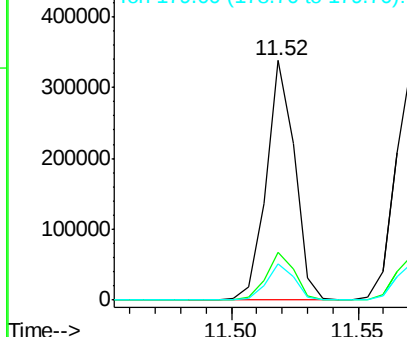


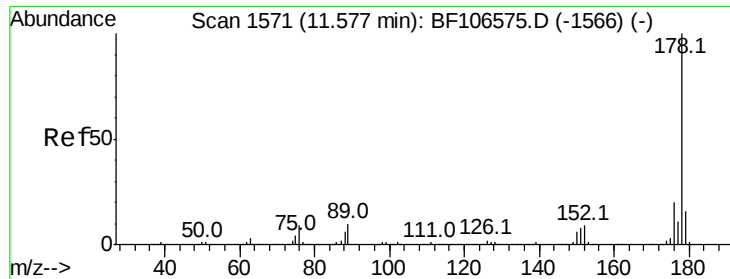
#70
 Phenanthrene
 Concen: 12.019 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF106573.D
 Acq: 19 Jun 2018 10:50

Tgt Ion:178 Resp: 265051
 Ion Ratio Lower Upper
 178 100
 176 19.8 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

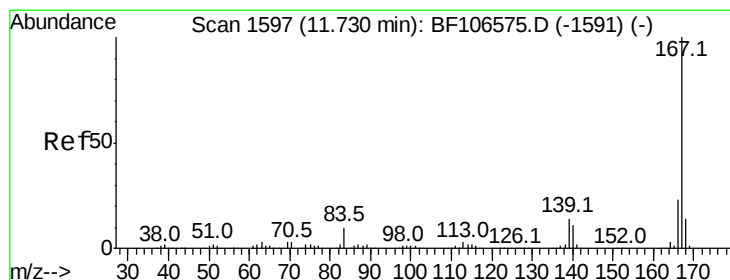
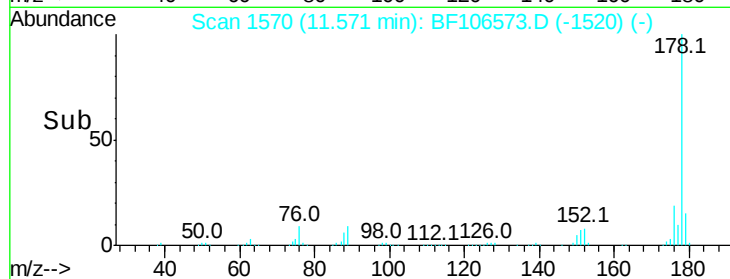
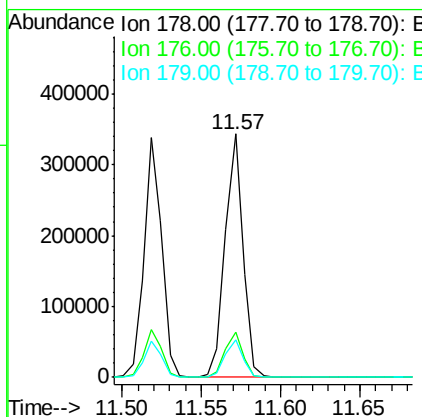
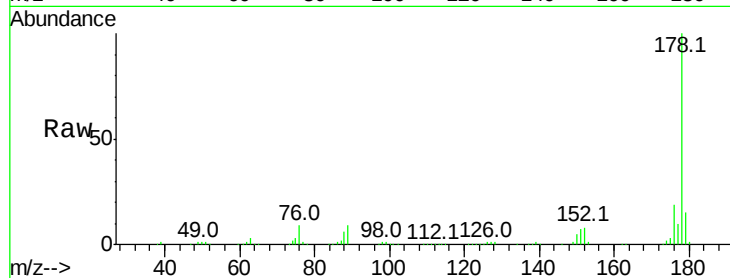




#71
 Anthracene
 Concen: 12.174 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF106573.D
 Acq: 19 Jun 2018 10:50

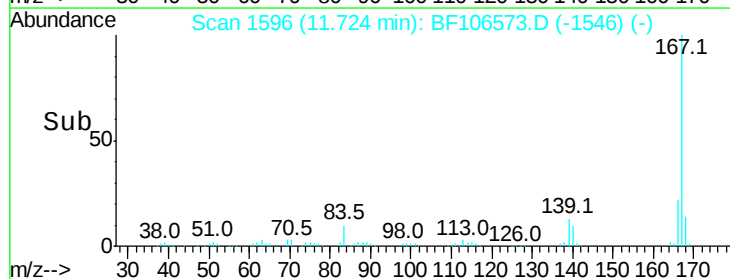
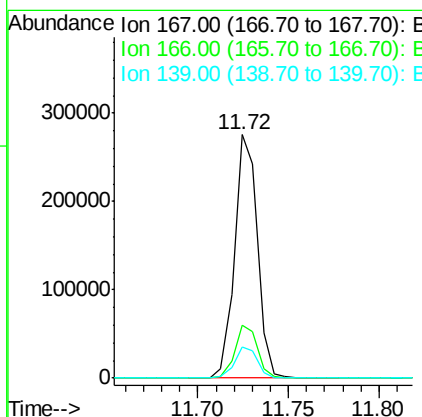
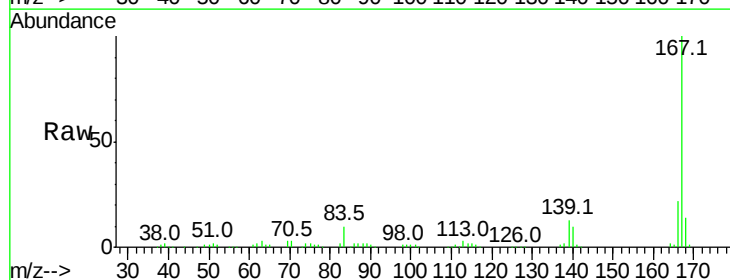
Instrument :
 BNA_F
 ClientSampleId :

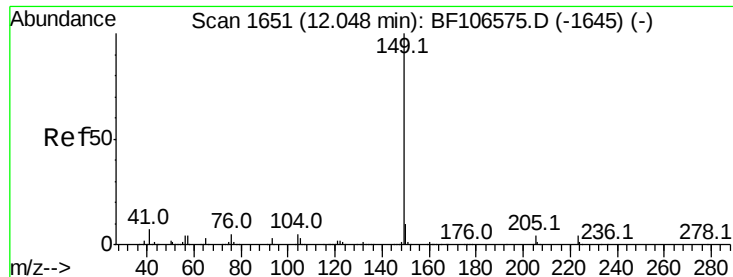
Tot Ion:178 Resp: 268969
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 11.822 ng
 RT: 11.72 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF106573.D
 Acq: 19 Jun 2018 10:50

Tgt Ion:167 Resp: 241128
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 12.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 12.510 ng

RT: 12.04 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

Instrument :

BNA_F

ClientSampleId :

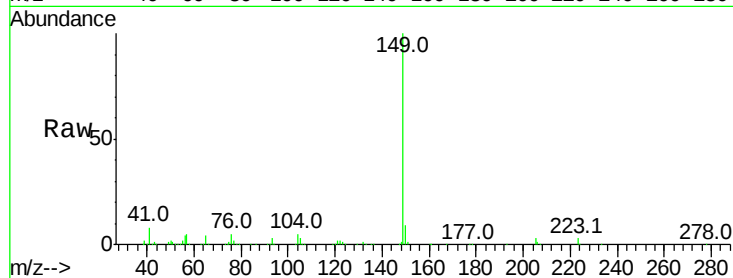
Tot Ion:149 Resp: 283974

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

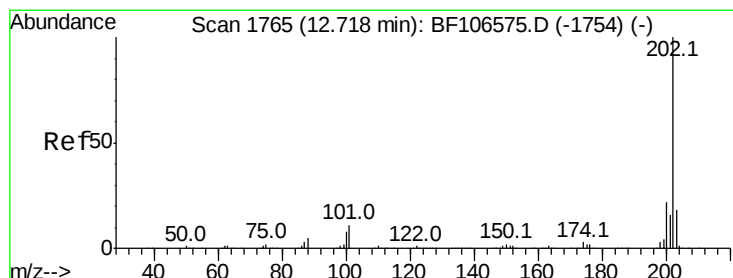
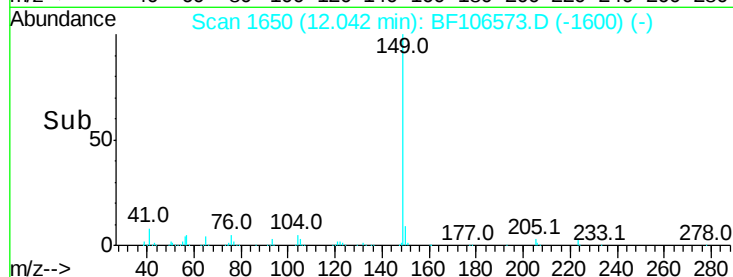
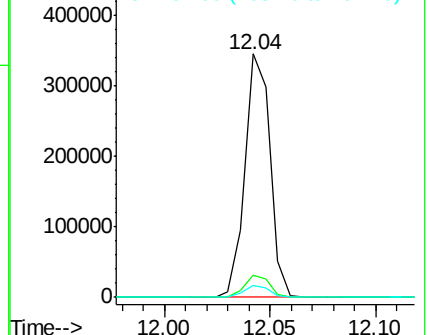
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 12.488 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

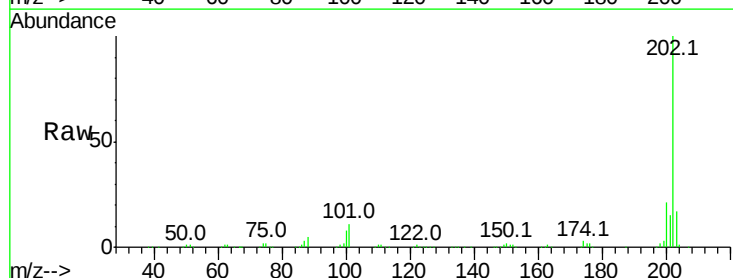
Tgt Ion:202 Resp: 293687

Ion Ratio Lower Upper

202 100

101 10.8 0.0 34.1

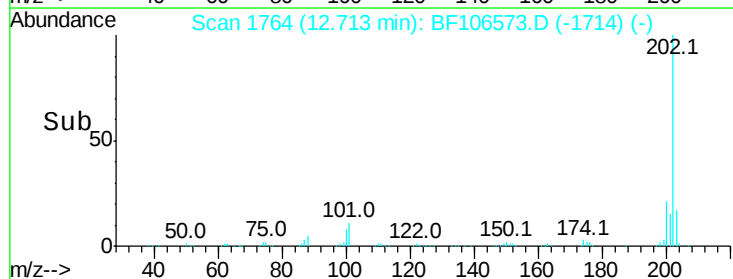
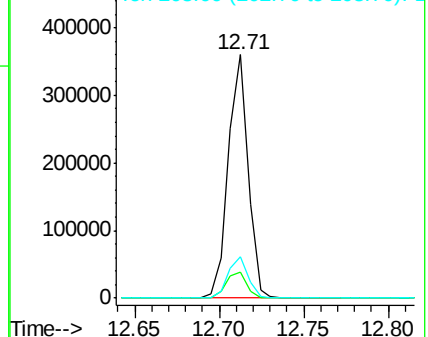
203 17.1 0.0 38.1

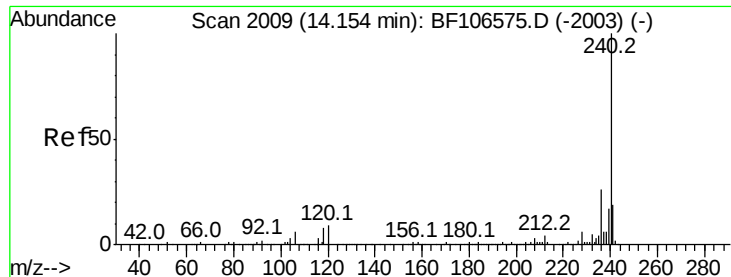


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

Instrument :

BNA_F

ClientSampled :

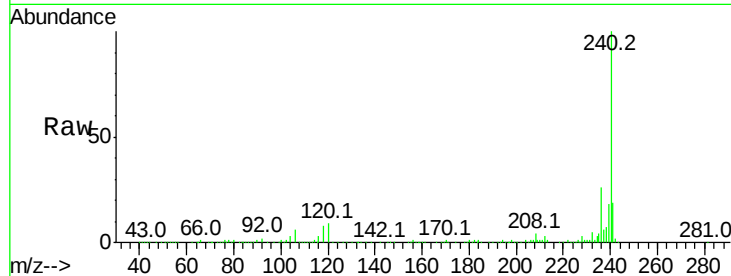
Tot Ion:240 Resp: 426953

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

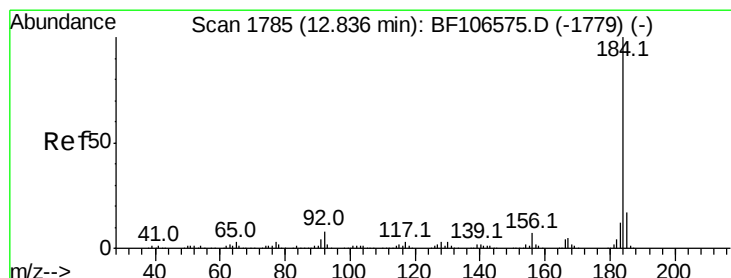
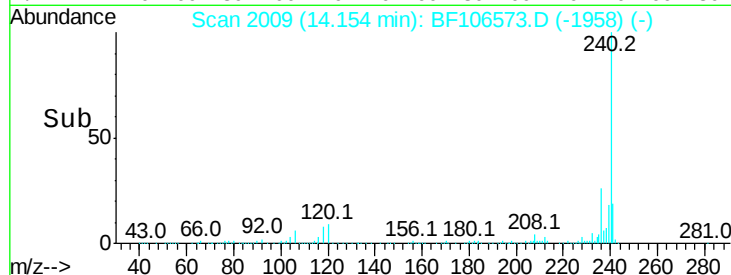
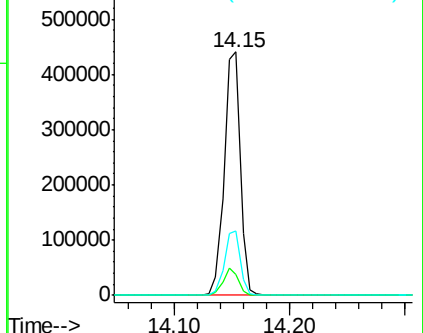
236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 10.251 ng

RT: 12.83 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

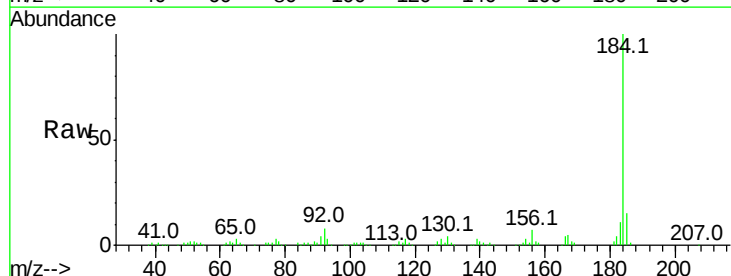
Tgt Ion:184 Resp: 145664

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

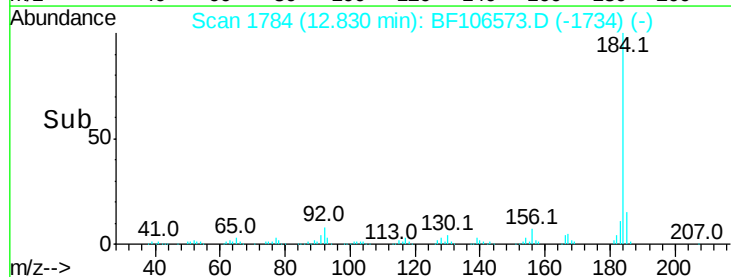
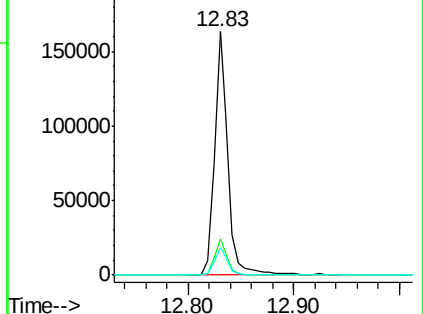
183 11.2 9.3 13.9

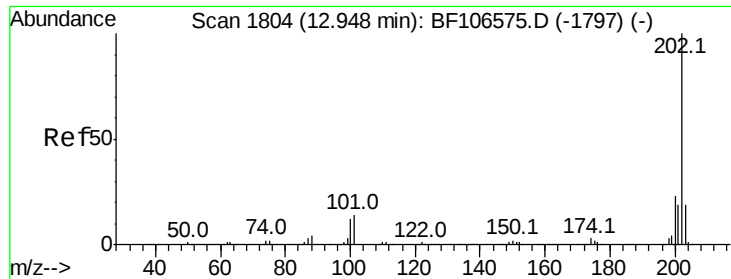


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

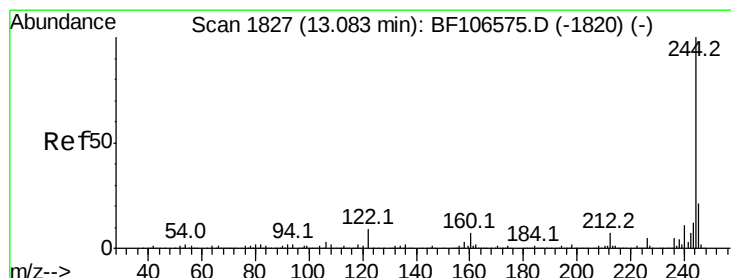
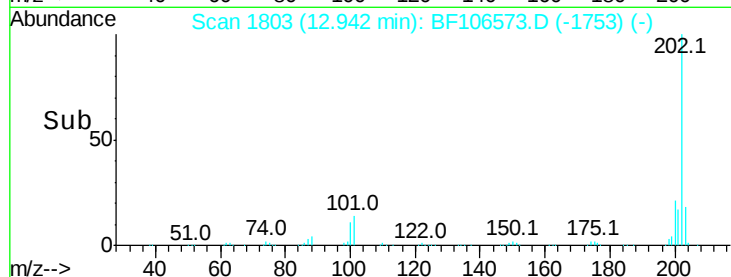
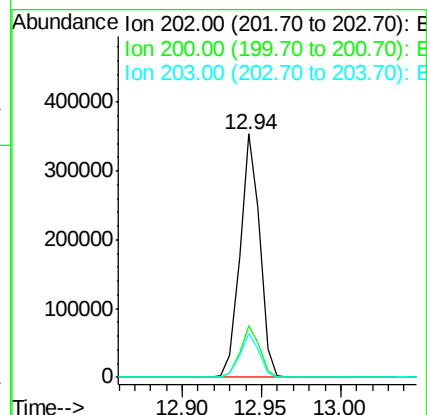
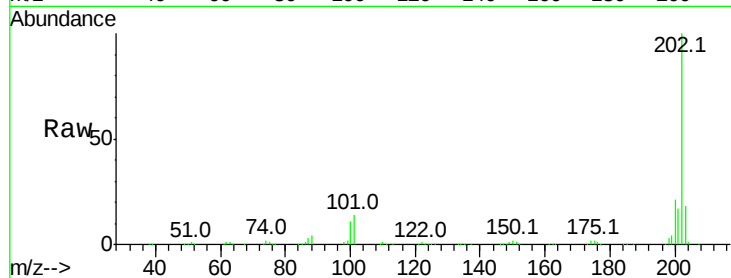




#77
Pvrene
Concen: 11.354 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106573.D
Acq: 19 Jun 2018 10:50

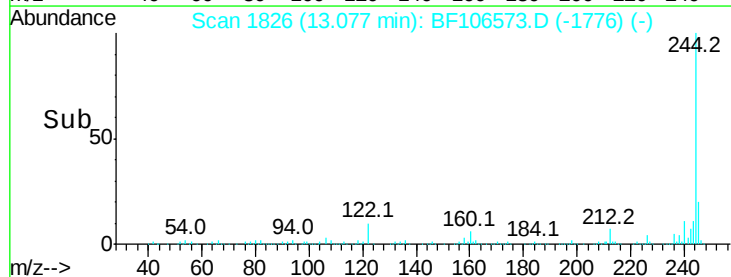
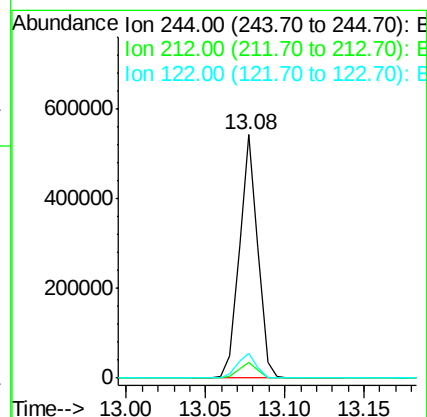
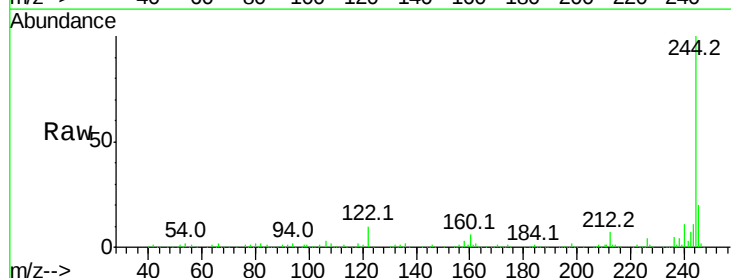
Instrument :
BNA_F
ClientSampleId :

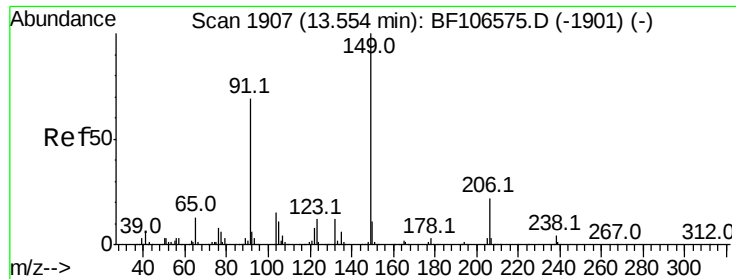
Tot Ion:202 Resp: 303478
Ion Ratio Lower Upper
202 100
200 21.0 17.4 26.2
203 17.9 14.3 21.5



#78
Terphenyl-d14
Concen: 25.179 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106573.D
Acq: 19 Jun 2018 10:50

Tgt Ion:244 Resp: 432818
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 10.1 11.0 16.4#

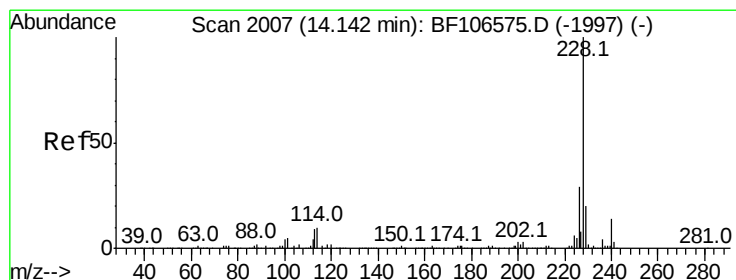
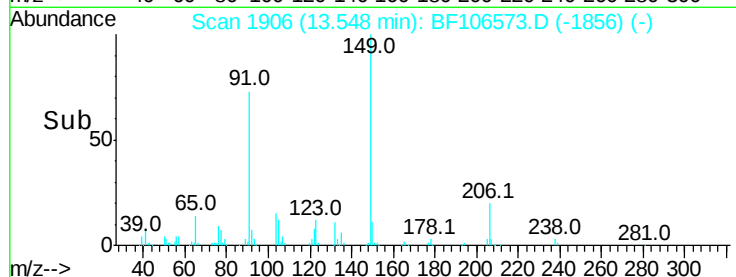
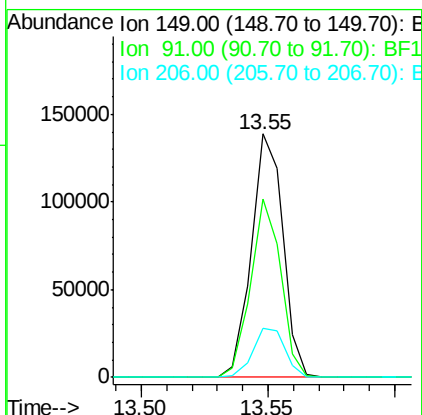
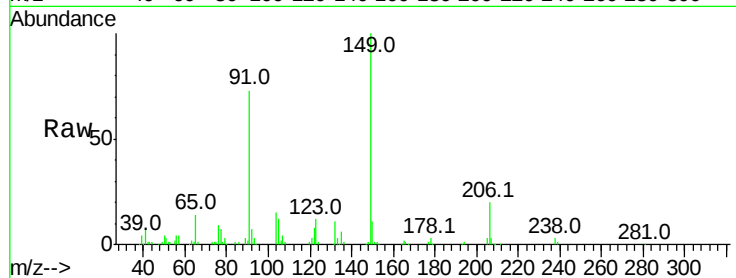




#79
Butylbenzylphthalate
Concen: 12.064 ng
RT: 13.55 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF106573.D
Acq: 19 Jun 2018 10:50

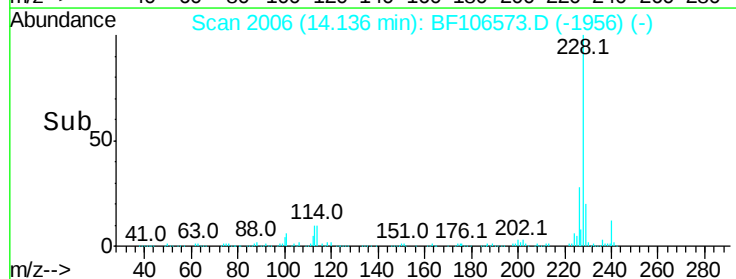
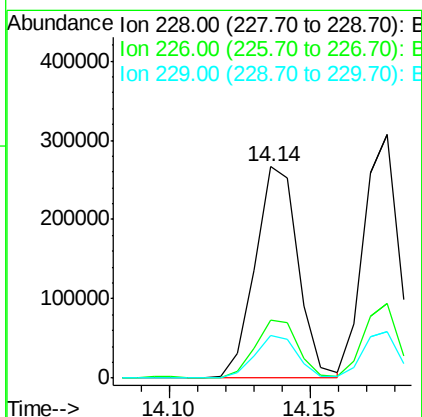
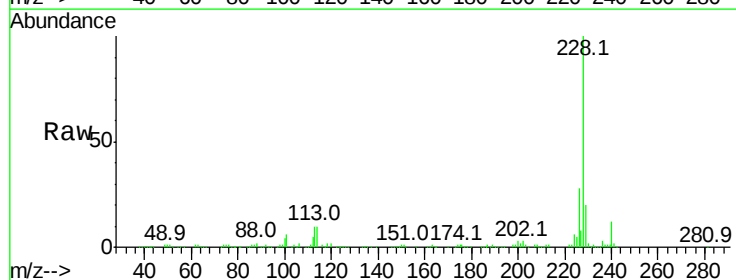
Instrument :
BNA_F
ClientSampleId :

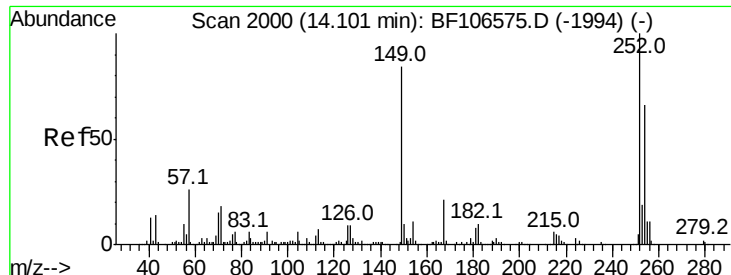
Tot Ion:149 Resp: 120704
Ion Ratio Lower Upper
149 100
91 73.3 56.8 85.2
206 20.0 14.1 21.1



#80
Benzo(a)anthracene
Concen: 11.124 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF106573.D
Acq: 19 Jun 2018 10:50

Tgt Ion:228 Resp: 282624
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 20.3 15.8 23.6

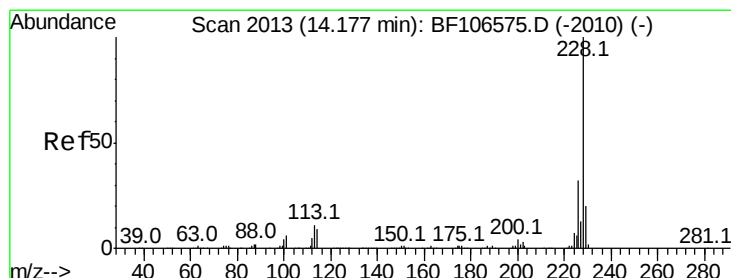
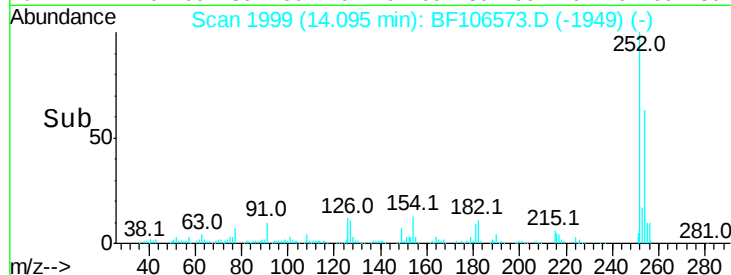
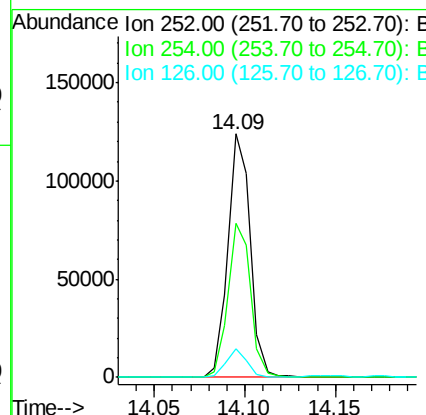
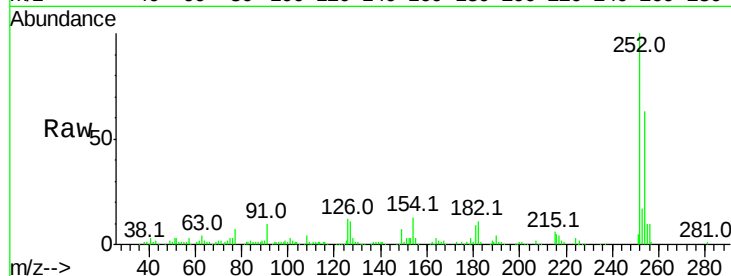




#81
 3,3'-Dichlorobenzidine
 Concen: 12.403 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF106573.D
 Acq: 19 Jun 2018 10:50

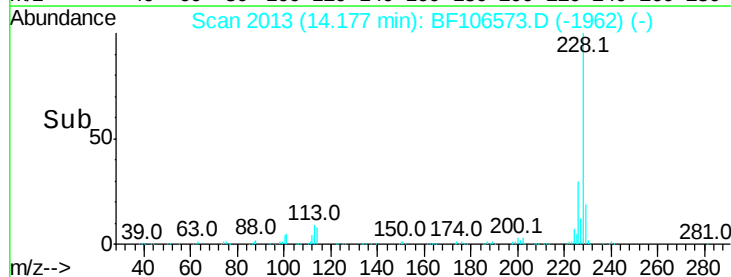
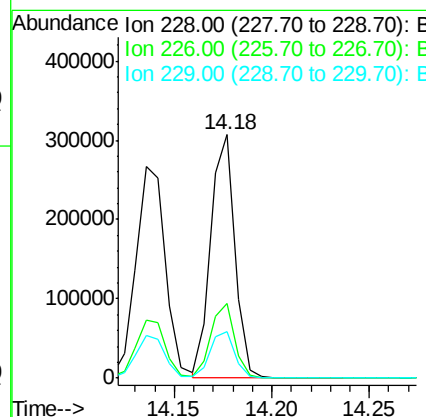
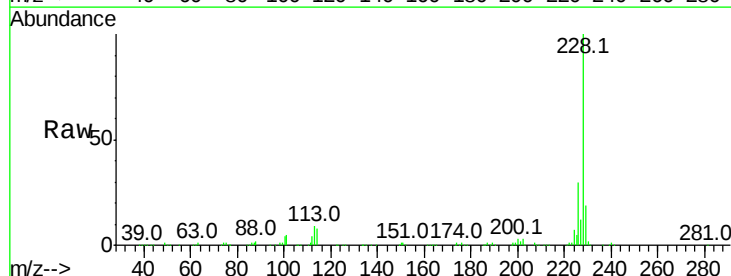
Instrument :
 BNA_F
 ClientSampleId :

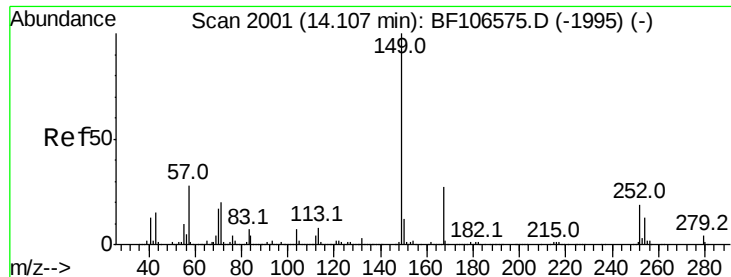
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.0	50.4	75.6
126	11.5	11.3	16.9



#82
 Chrysene
 Concen: 11.397 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.00 min
 Lab File: BF106573.D
 Acq: 19 Jun 2018 10:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.3	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 11.535 ng

RT: 14.11 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

Instrument :

BNA_F

ClientSampleId :

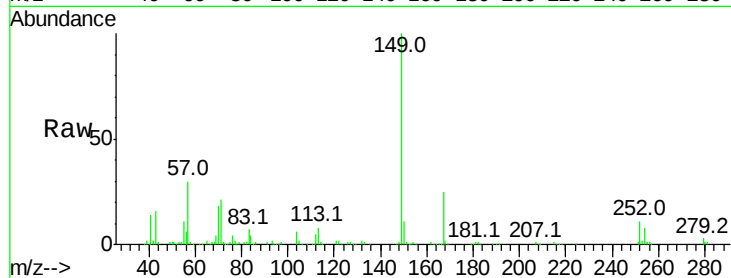
Tot Ion:149 Resp: 165491

Ion Ratio Lower Upper

149 100

167 25.4 21.3 31.9

279 3.1 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

250000

200000

150000

100000

50000

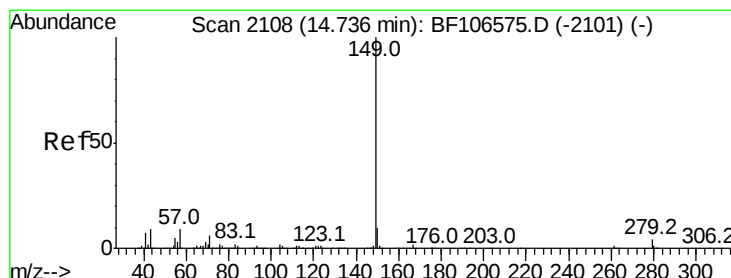
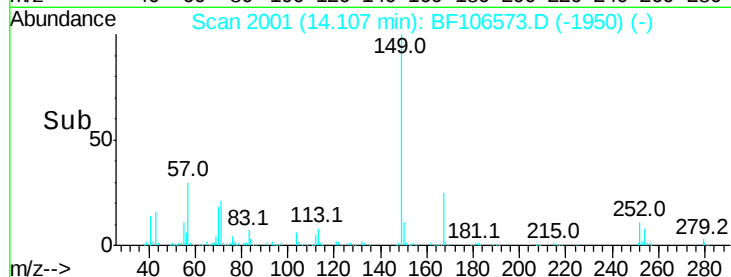
0

14.05

14.10

14.15

Time-->



#84

Di-n-octyl phthalate

Concen: 12.833 ng

RT: 14.74 min Scan# 2109

Delta R.T. 0.01 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

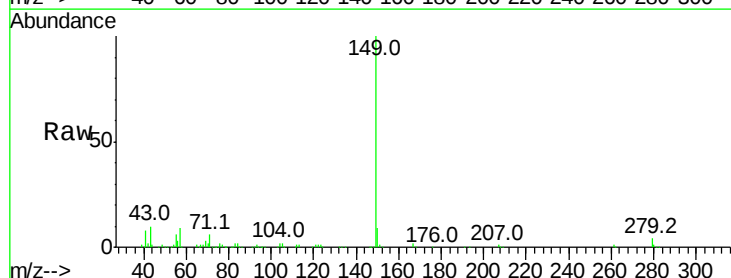
Tgt Ion:149 Resp: 265408

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 9.7 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

400000

300000

200000

100000

0

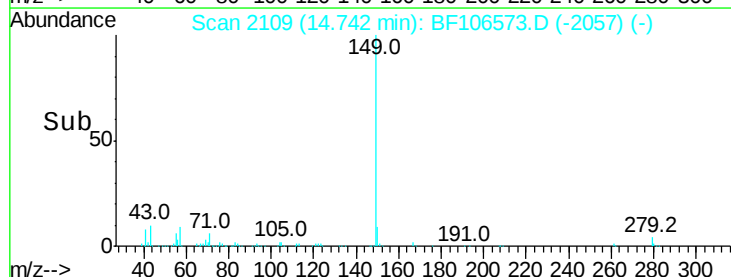
14.65

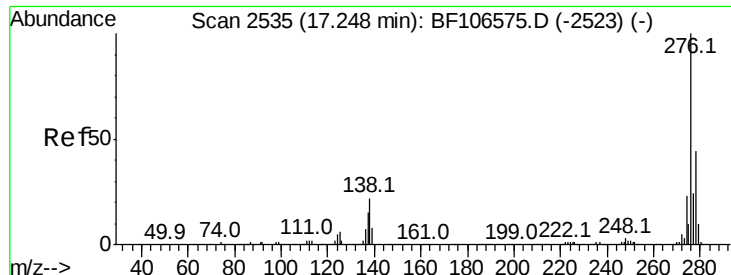
14.70

14.75

14.80

Time-->

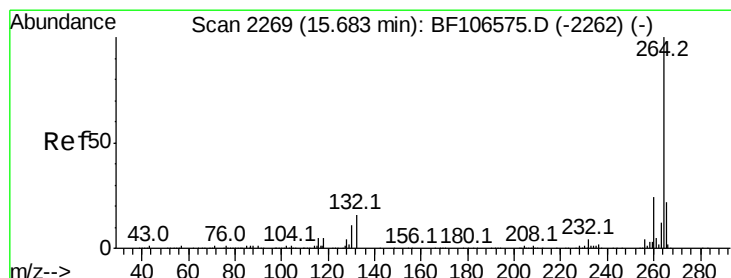
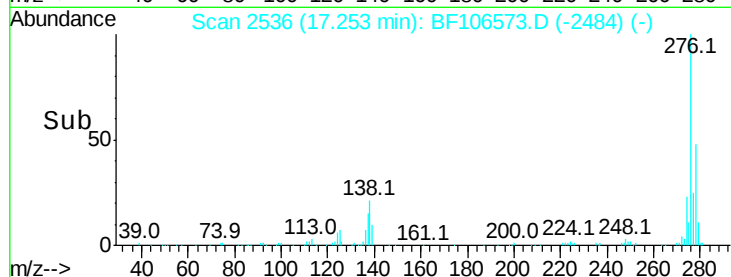
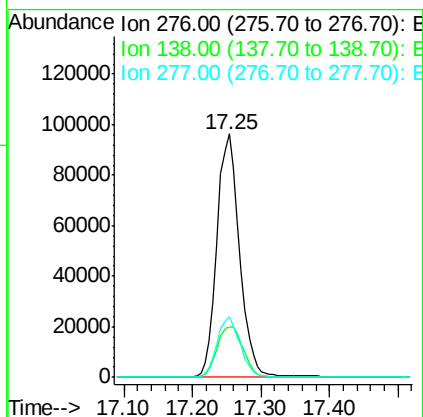
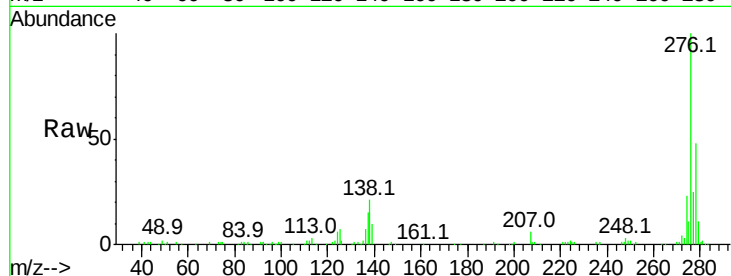




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 11.956 ng
 RT: 17.25 min Scan# 2536
 Delta R.T. 0.01 min
 Lab File: BF106573.D
 Acq: 19 Jun 2018 10:50

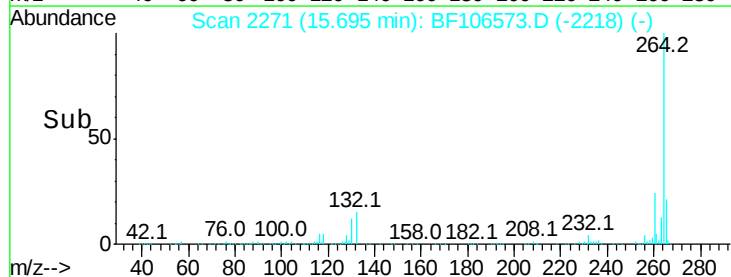
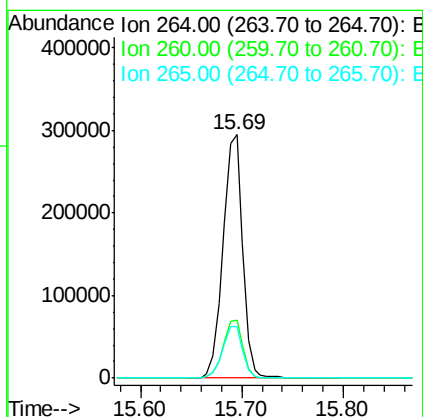
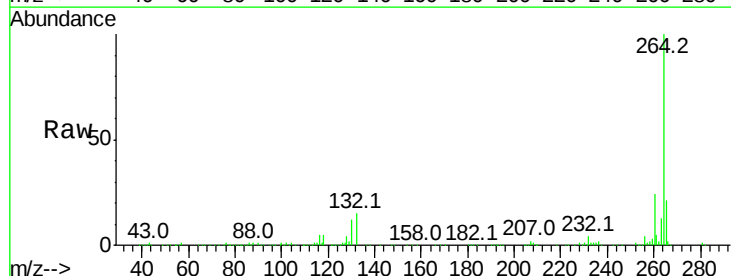
Instrument :
 BNA_F
 ClientSampleId :

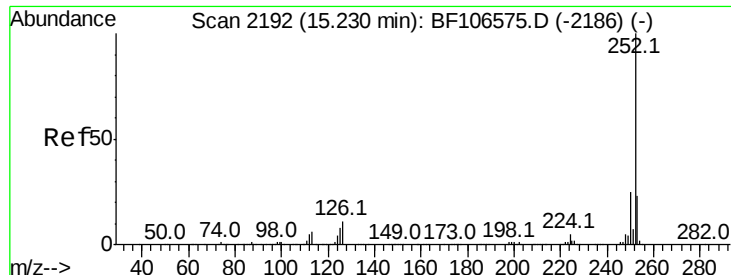
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	25.0	37.6#
277	25.2	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF106573.D
 Acq: 19 Jun 2018 10:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	17.5	26.3

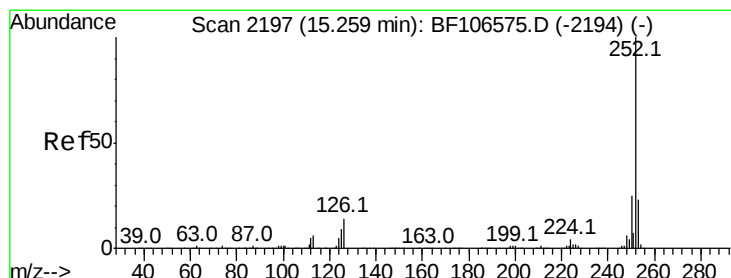
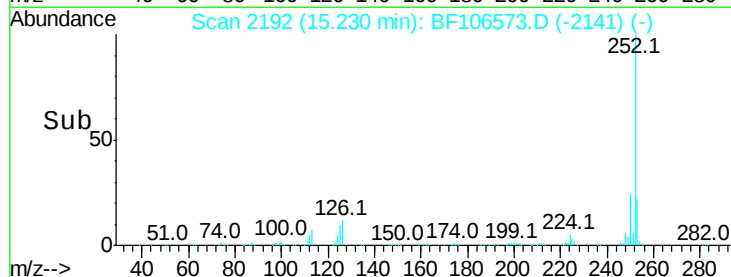
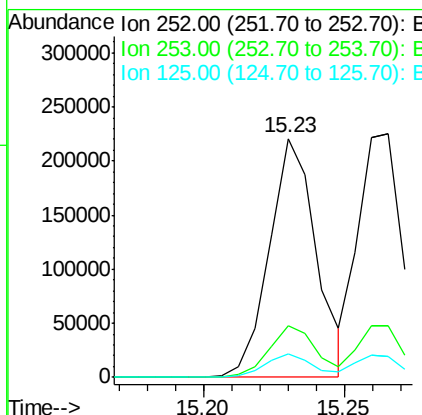
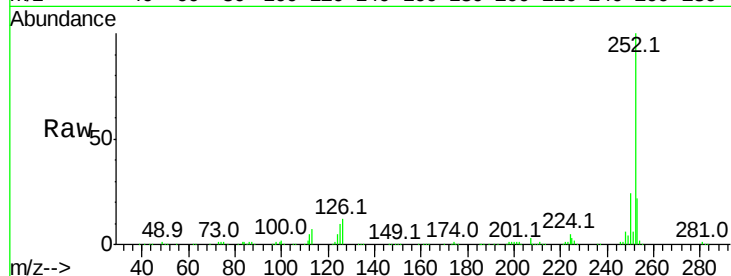




#87
Benzo(b)fluoranthene
Concen: 10.655 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF106573.D
Acq: 19 Jun 2018 10:50

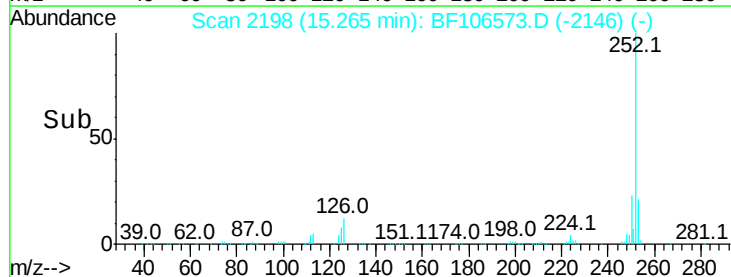
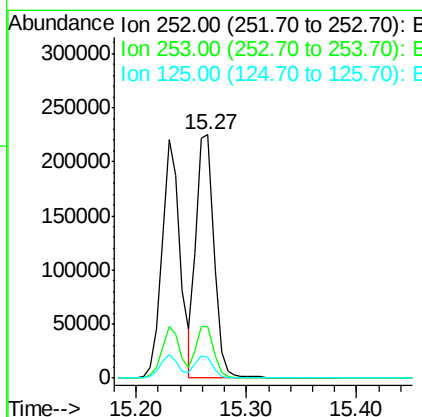
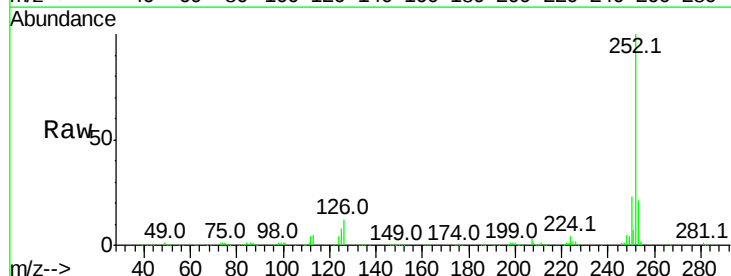
Instrument :
BNA_F
ClientSampleId :

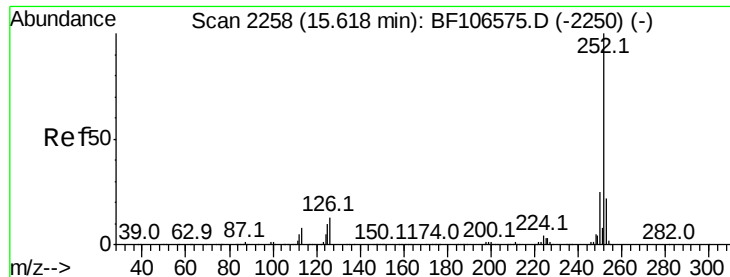
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	9.6	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 10.508 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF106573.D
Acq: 19 Jun 2018 10:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	8.4	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 10.579 ng

RT: 15.62 min Scan# 2258

Delta R.T. -0.00 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

Instrument :

BNA_F

ClientSampleId :

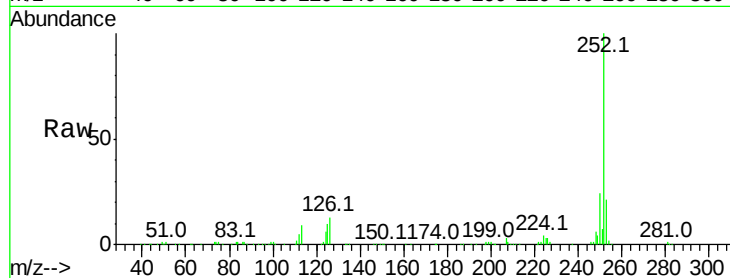
Tot Ion:252 Resp: 227905

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

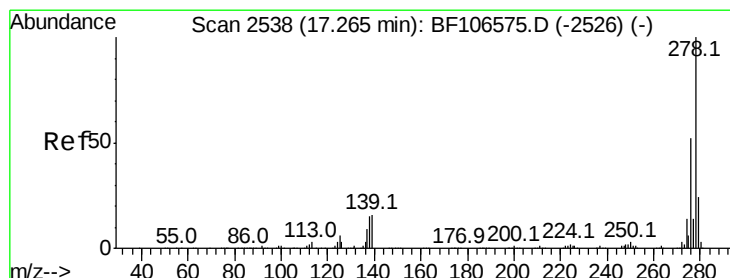
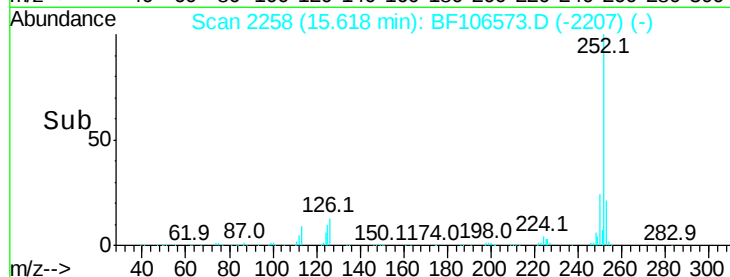
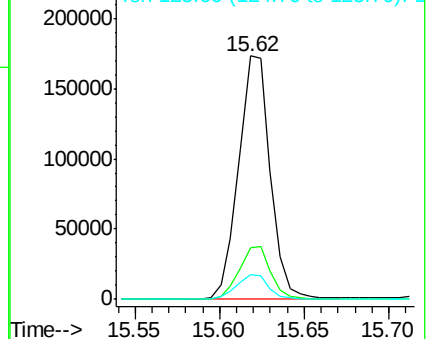
125 10.3 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 10.395 ng

RT: 17.27 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BF106573.D

Acq: 19 Jun 2018 10:50

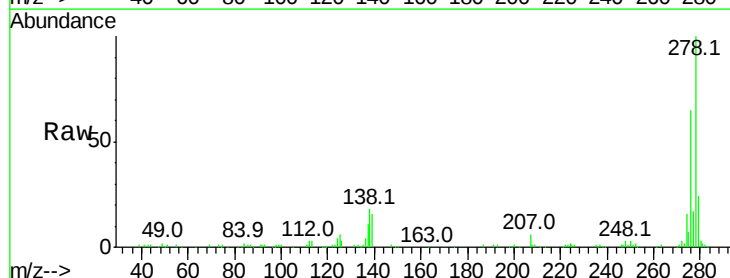
Tgt Ion:278 Resp: 186708

Ion Ratio Lower Upper

278 100

139 16.1 15.9 23.9

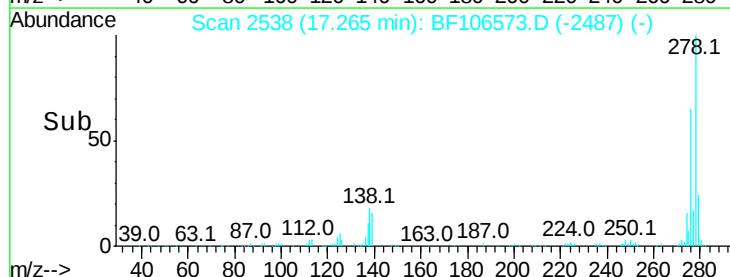
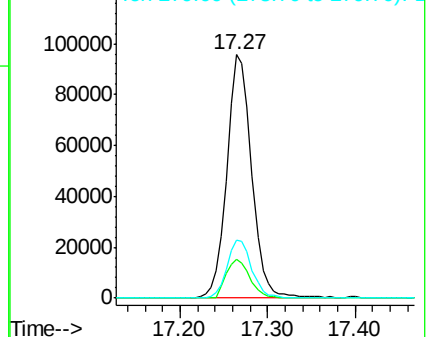
279 24.0 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 10.091 ng
 RT: 17.73 min Scan# 2617
 Delta R.T. -0.00 min
 Lab File: BF106573.D
 Acq: 19 Jun 2018 10:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	19.7	21.8	32.8

