

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062018\
 Data File : BF106626.D
 Acq On : 20 Jun 2018 18:18
 Operator : JU/SJ
 Sample : J3525-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04

Quant Time: Jun 21 01:02:10 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 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	105259	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	450065	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	219186	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	395302	20.00	ng	0.00
75) Chrysene-d12	14.15	240	301702	20.00	ng	0.00
86) Perylene-d12	15.69	264	298558	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	278618	44.82	ng	0.00
7) Phenol-d6	6.60	99	217909	28.07	ng	-0.01
23) Nitrobenzene-d5	7.52	82	678216	83.75	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	250614	98.65	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1117941	86.61	ng	0.00
78) Terphenyl-d14	13.08	244	1185686	95.20	ng	0.00

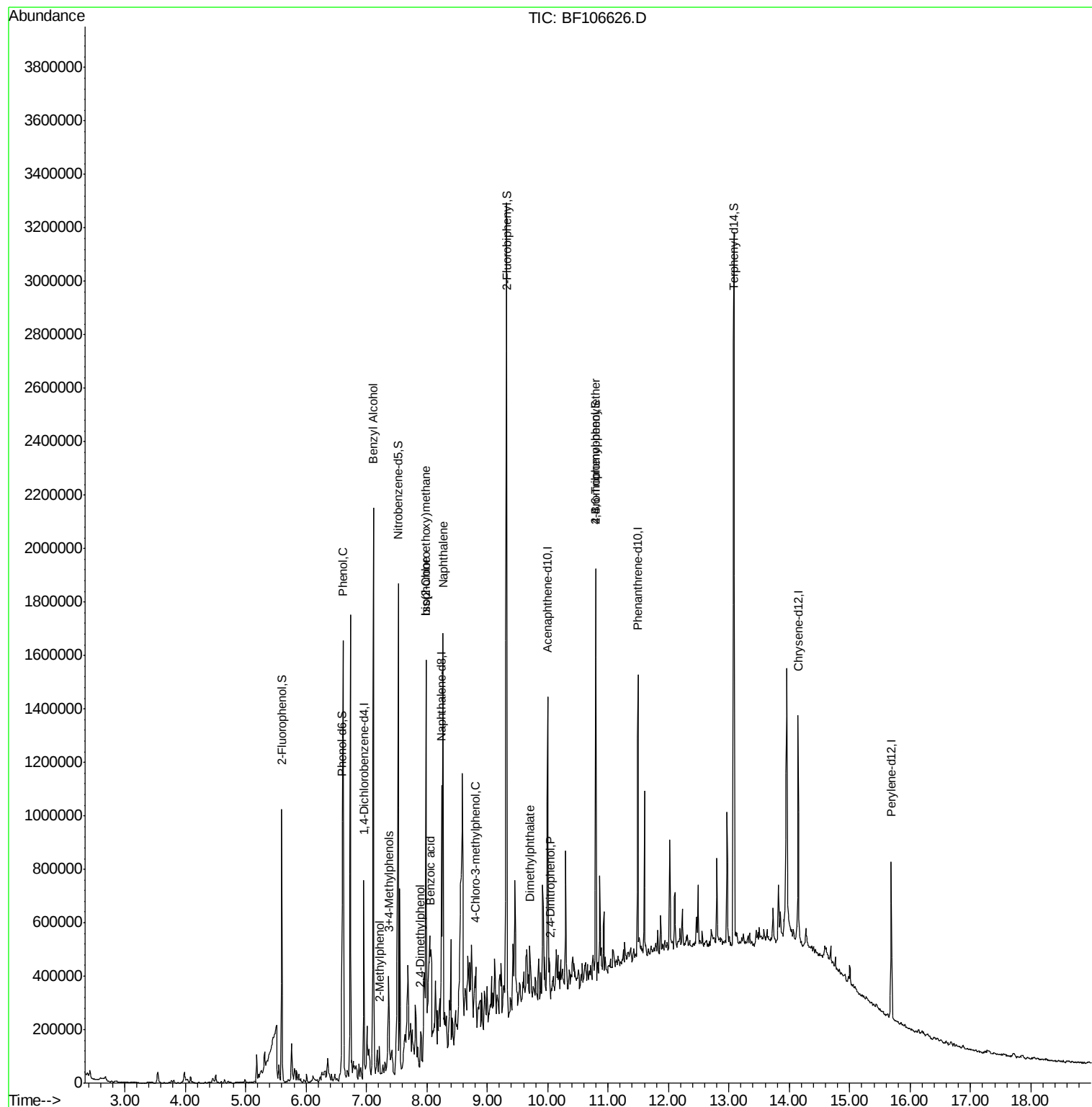
Target Compounds				Qvalue		
10) Phenol	6.61	94	590039	66.602	ng	99
15) Benzyl Alcohol	7.11	79	12595	2.021	ng	# 49
17) 2-Methylphenol	7.21	107	14664	2.513	ng	98
20) 3+4-Methylphenols	7.37	107	93256	11.857	ng	90
25) Isophorone	7.99	82	38619	2.706	ng	# 1
27) 2,4-Dimethylphenol	7.90	122	23787	3.943	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	27985	2.921	ng	# 1
31) Naphthalene	8.26	128	45626	2.168	ng	98
32) Benzoic acid	8.07	122	109813	27.767	ng	91
36) 4-Chloro-3-methylphenol	8.81	107	29094	4.376	ng	# 25
49) Dimethylphthalate	9.71	163	43145	2.625	ng	# 87
53) 2,4-Dinitrophenol	10.04	184	503	5.612	ng	# 6
66) 4-Bromophenyl-phenylether	10.80	248	15778	3.344	ng	# 1

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

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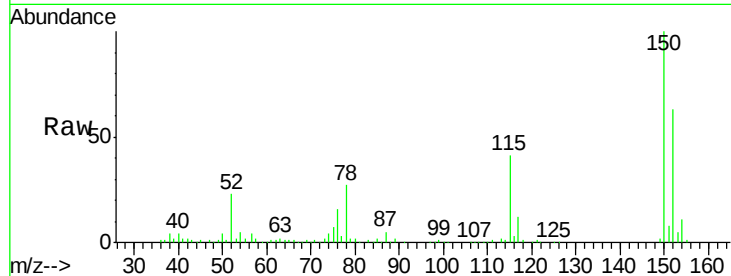


#1

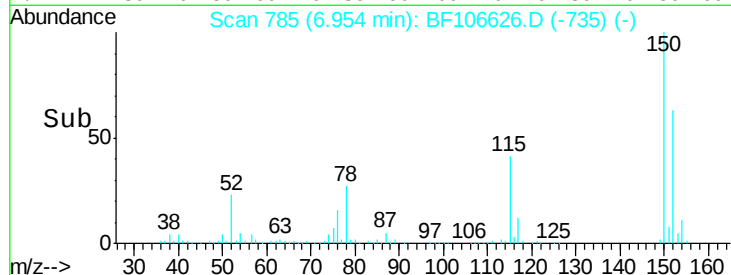
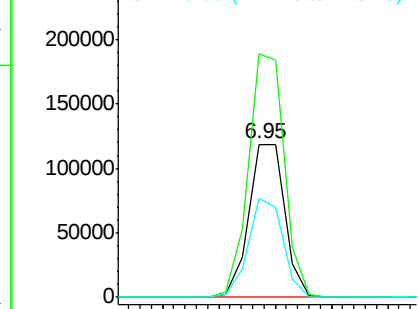
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106626.D
Acq: 20 Jun 2018 18:18

Instrument :
BNA_F
ClientSampleId :
TPTW-04

Tgt Ion:152 Resp: 105259
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 65.1 50.1 75.1



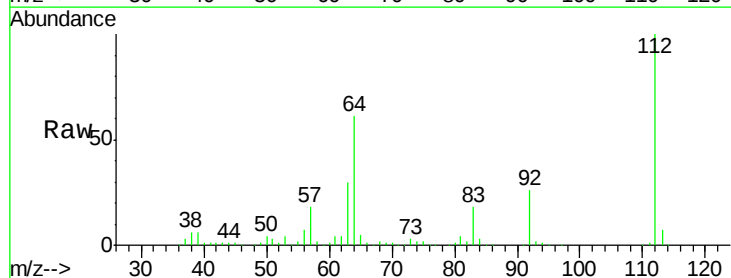
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



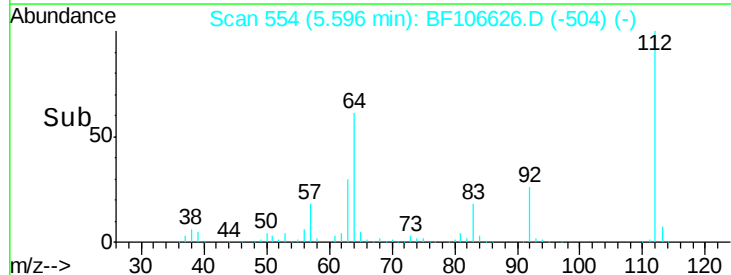
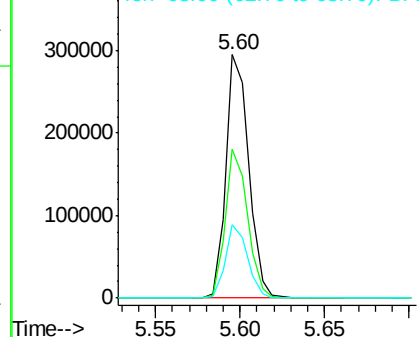
#5

2-Fluorophenol
Concen: 44.822 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106626.D
Acq: 20 Jun 2018 18:18

Tgt Ion:112 Resp: 278618
Ion Ratio Lower Upper
112 100
64 61.2 47.9 71.9
63 29.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 28.071 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF106626.D

Acq: 20 Jun 2018 18:18

Instrument :

BNA_F

ClientSampleId :

TPTW-04

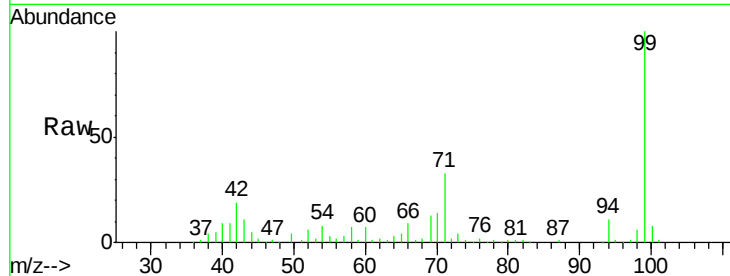
Tgt Ion: 99 Resp: 217909

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

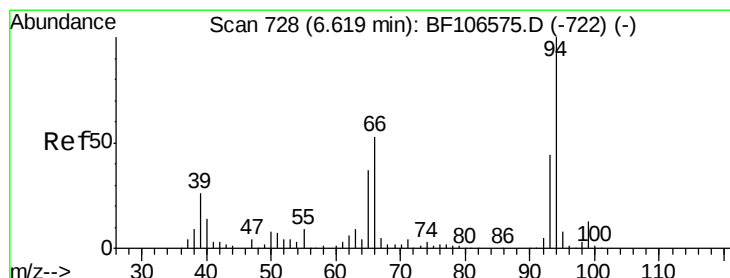
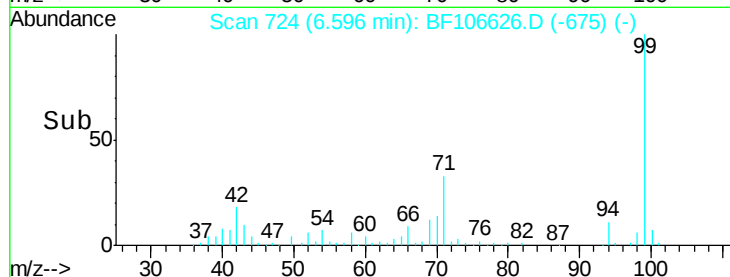
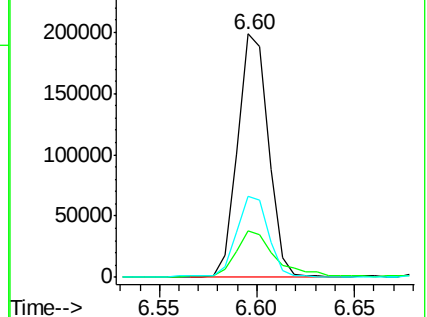
71 33.4 25.4 38.0



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



#10

Phenol

Concen: 66.602 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106626.D

Acq: 20 Jun 2018 18:18

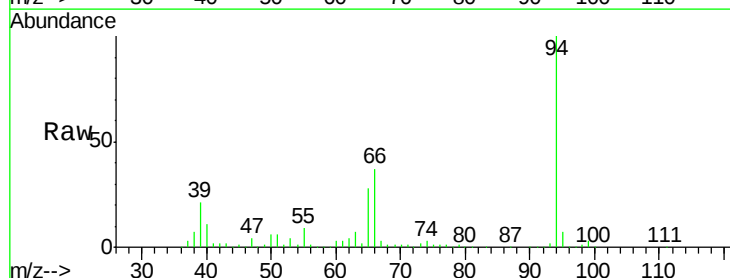
Tgt Ion: 94 Resp: 590039

Ion Ratio Lower Upper

94 100

65 28.4 7.9 47.9

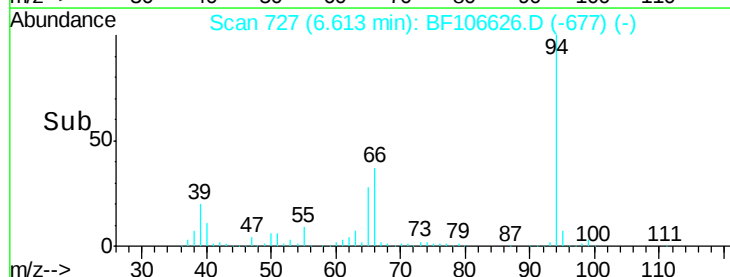
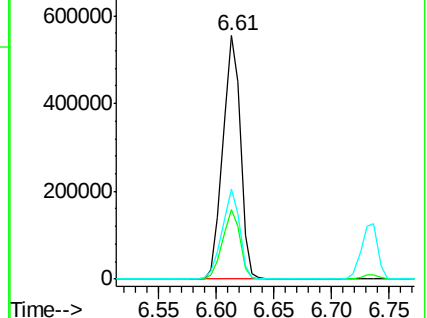
66 37.0 16.2 56.2

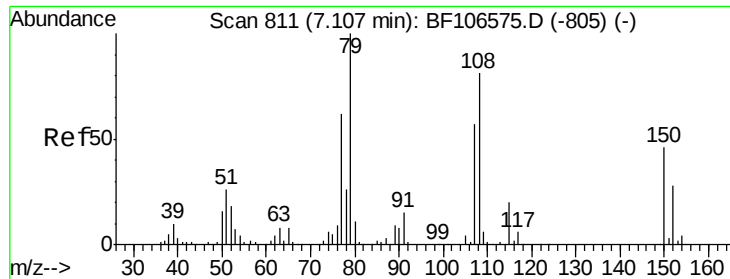


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#15

Benzyl Alcohol

Concen: 2.021 ng

RT: 7.11 min Scan# 812

Delta R.T. 0.01 min

Lab File: BF106626.D

Acq: 20 Jun 2018 18:18

Instrument :

BNA_F

ClientSampleId :

TPTW-04

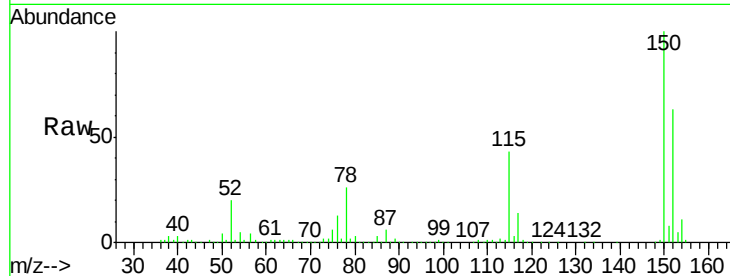
Tgt Ion: 79 Resp: 12595

Ion Ratio Lower Upper

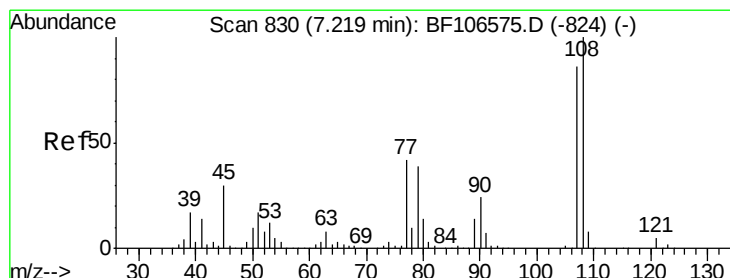
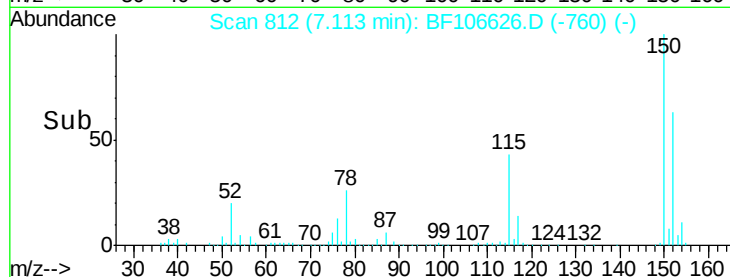
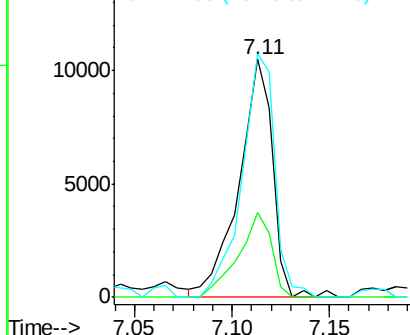
79 100

108 35.5 65.1 97.7#

77 102.3 50.6 75.8#



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



#17

2-Methylphenol

Concen: 2.513 ng

RT: 7.21 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF106626.D

Acq: 20 Jun 2018 18:18

Tgt Ion: 107 Resp: 14664

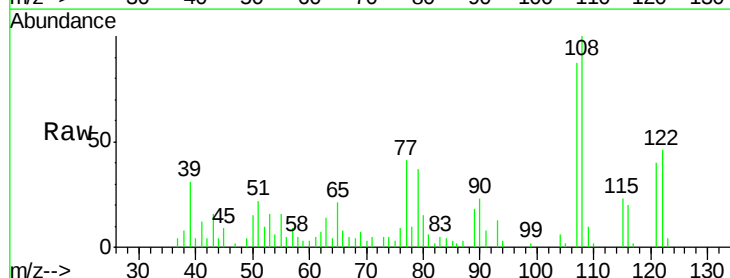
Ion Ratio Lower Upper

107 100

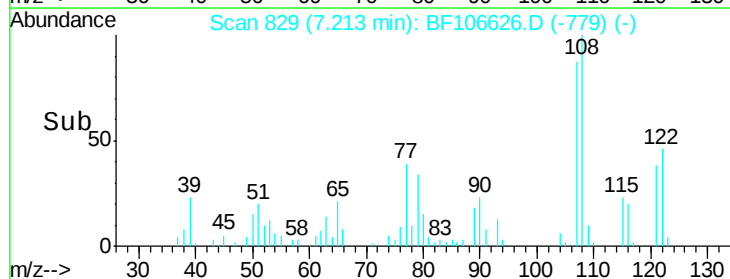
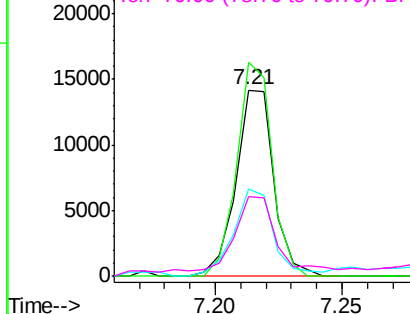
108 114.8 91.7 137.5

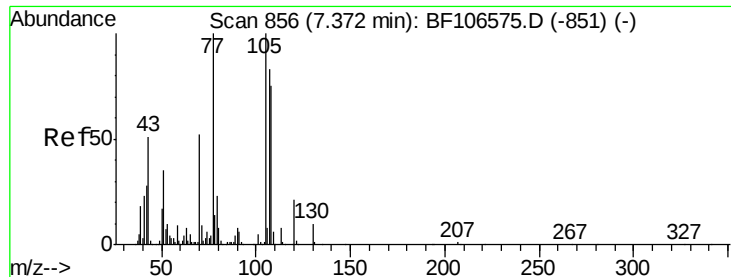
77 46.8 33.8 50.8

79 42.9 33.8 50.8



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

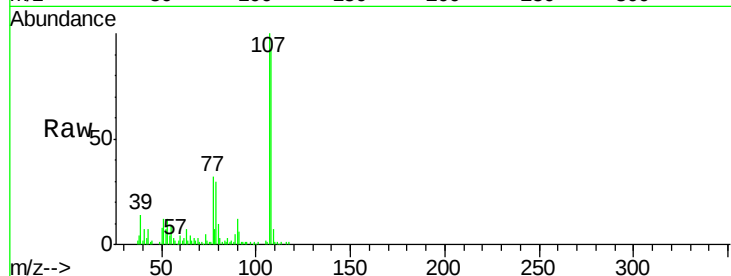




#20
3+4-Methylphenols
Concen: 11.857 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106626.D
Acq: 20 Jun 2018 18:18

Instrument :
BNA_F
ClientSampleId :
TPTW-04

Tgt Ion:	107	Resp:	93256
Ion	Ratio	Lower	Upper
107	100		
108	92.4	68.2	108.2
77	31.7	26.7	66.7
79	30.3	6.3	46.3



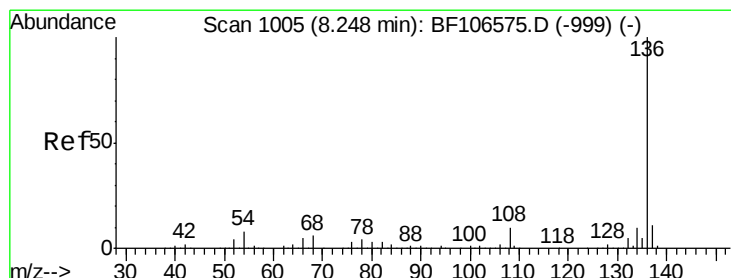
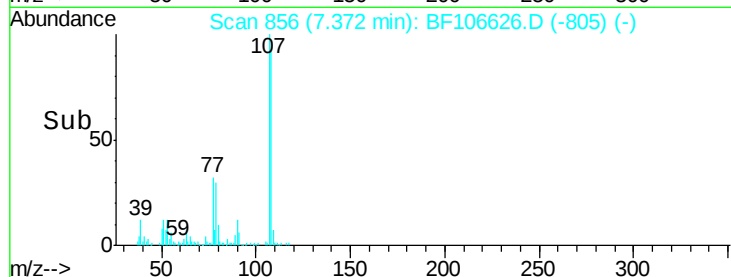
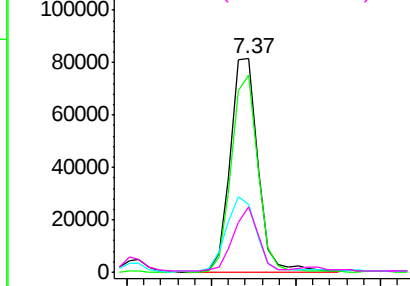
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

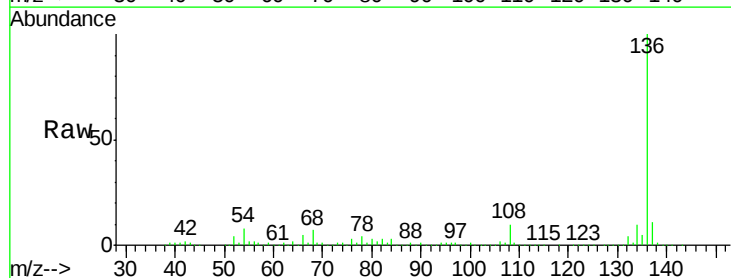
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106626.D
Acq: 20 Jun 2018 18:18

Tgt Ion:	136	Resp:	450065
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.0	6.6	9.8
68	6.6	5.0	7.4



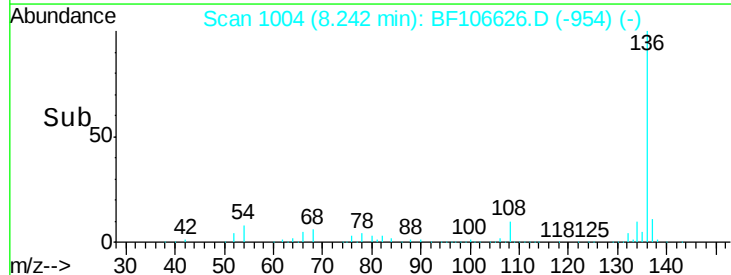
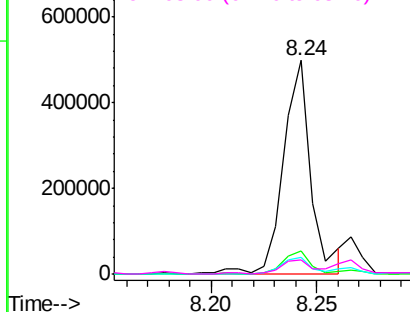
Abundance

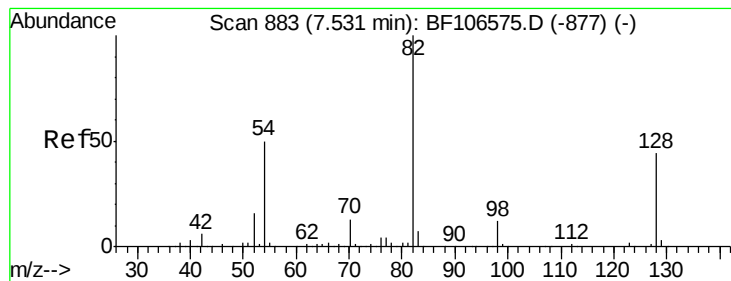
Ion 136.00 (135.70 to 136.70): E

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





#23

Nitrobenzene-d5

Concen: 83.745 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106626.D

Acq: 20 Jun 2018 18:18

Instrument :

BNA_F

ClientSampleId :

TPTW-04

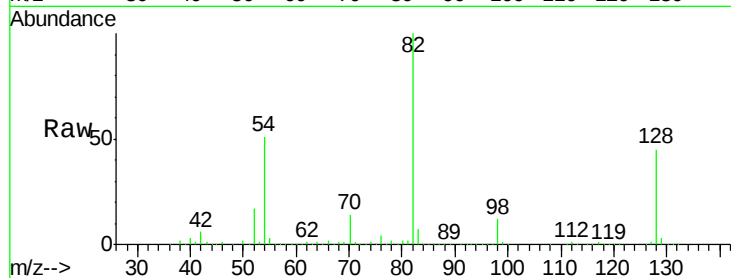
Tgt Ion: 82 Resp: 678216

Ion Ratio Lower Upper

82 100

128 45.4 36.1 54.1

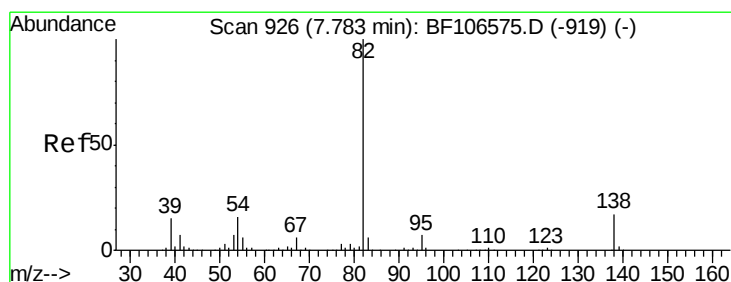
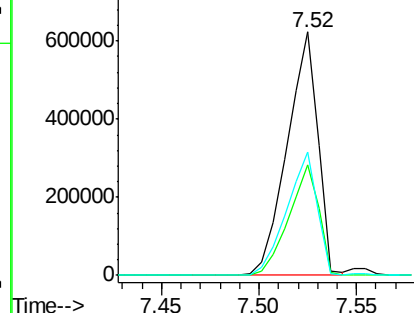
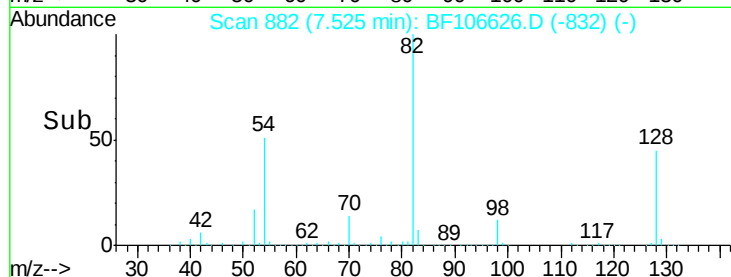
54 50.7 41.4 62.2



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



#25

Isophorone

Concen: 2.706 ng

RT: 7.99 min Scan# 961

Delta R.T. 0.21 min

Lab File: BF106626.D

Acq: 20 Jun 2018 18:18

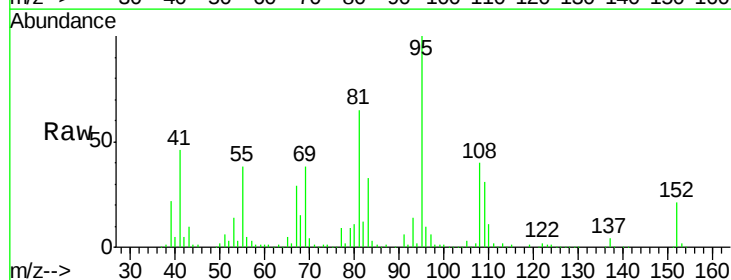
Tgt Ion: 82 Resp: 38619

Ion Ratio Lower Upper

82 100

95 809.6 5.2 7.8#

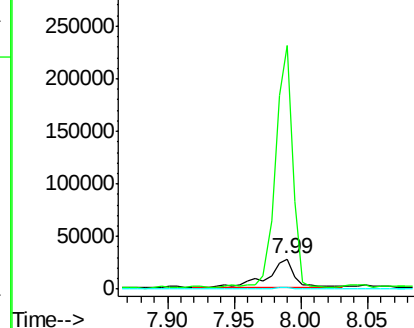
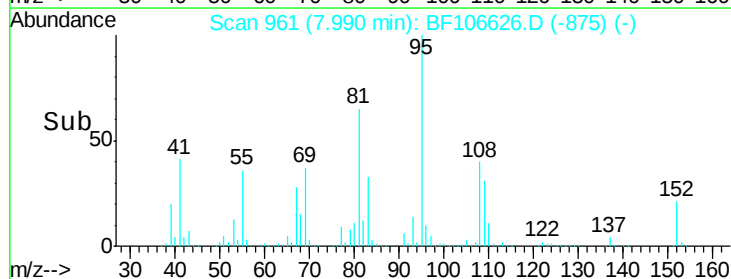
138 3.9 14.9 22.3#

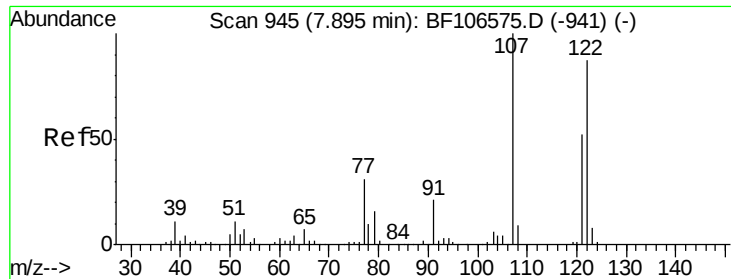


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

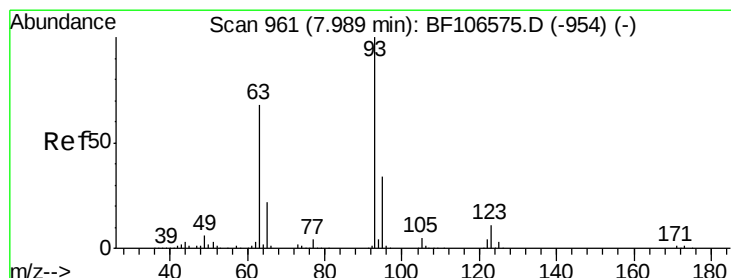
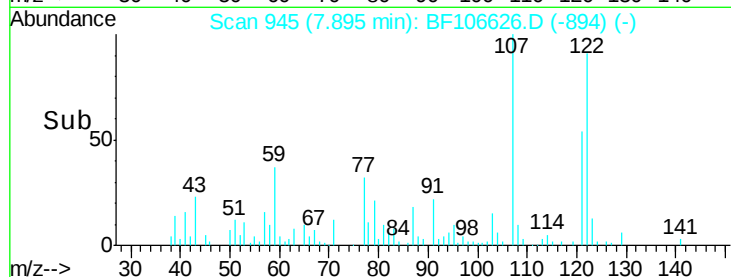
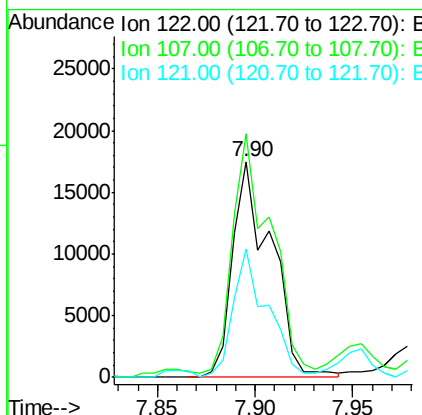
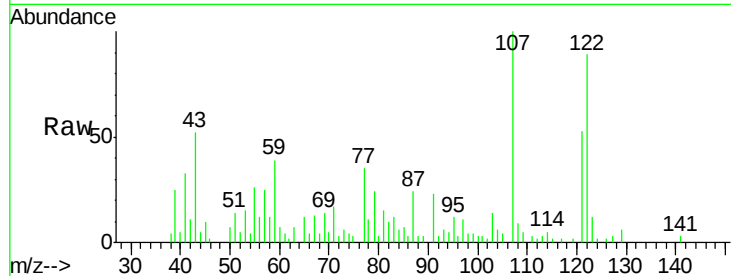




#27
2,4-Dimethylphenol
Concen: 3.943 ng
RT: 7.90 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF106626.D
Acq: 20 Jun 2018 18:18

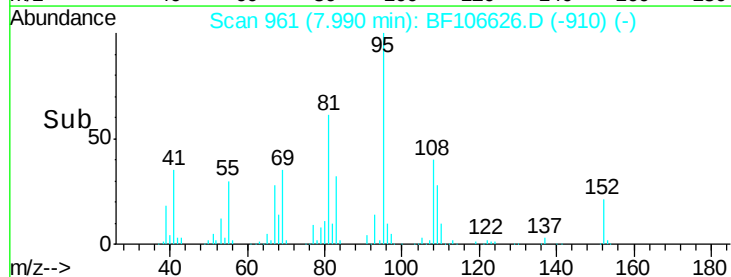
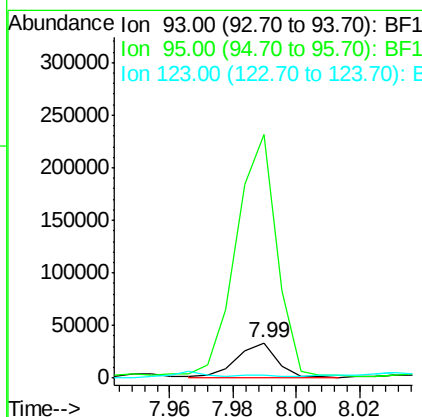
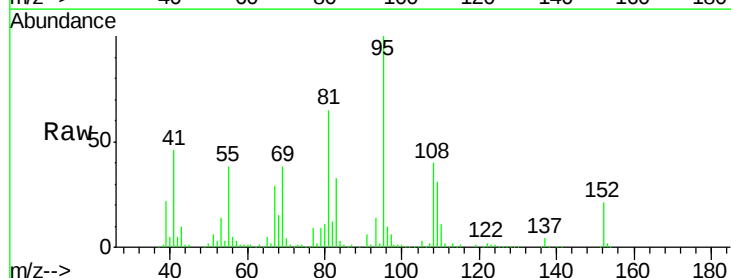
Instrument :
BNA_F
ClientSampleId :
TPTW-04

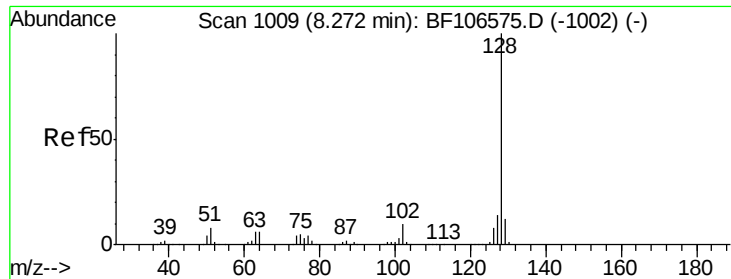
Tgt Ion:122 Resp: 23787
Ion Ratio Lower Upper
122 100
107 112.8 91.2 136.8
121 59.4 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 2.921 ng
RT: 7.99 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF106626.D
Acq: 20 Jun 2018 18:18

Tgt Ion: 93 Resp: 27985
Ion Ratio Lower Upper
93 100
95 694.4 26.3 39.5#
123 9.7 9.8 14.6#

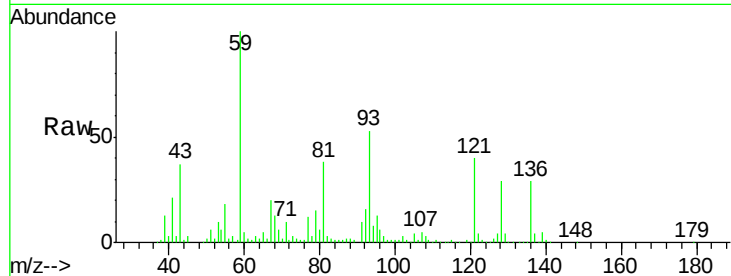




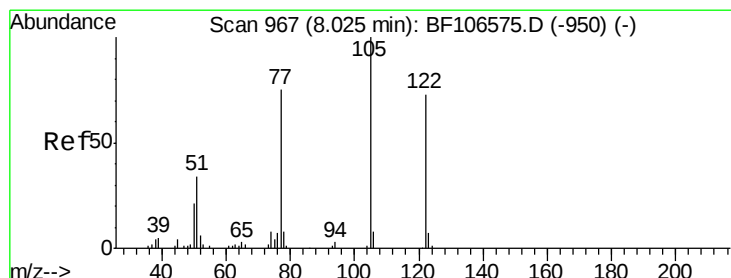
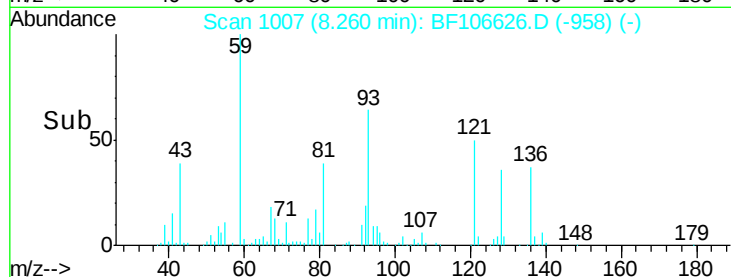
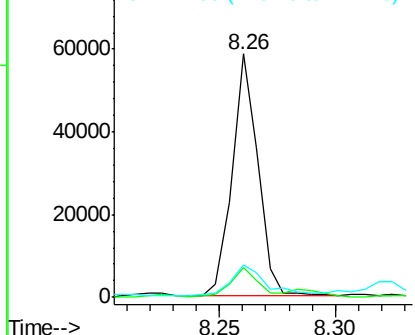
#31
Naphthalene
Concen: 2.168 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF106626.D
Acq: 20 Jun 2018 18:18

Instrument :
BNA_F
ClientSampleId :
TPTW-04

Tgt Ion:128 Resp: 45626
Ion Ratio Lower Upper
128 100
129 12.3 8.8 13.2
127 13.5 10.9 16.3

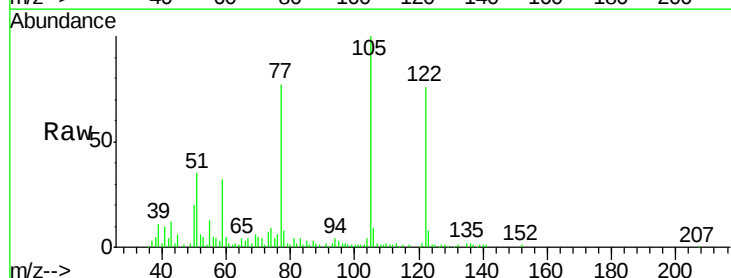


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

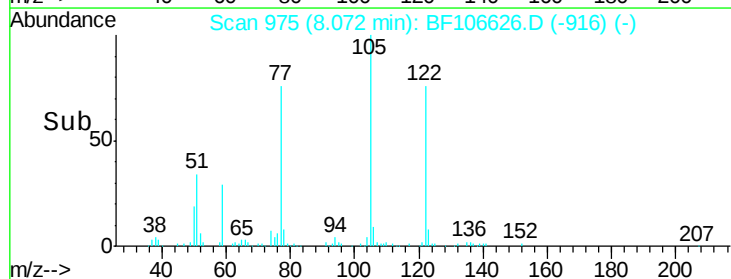
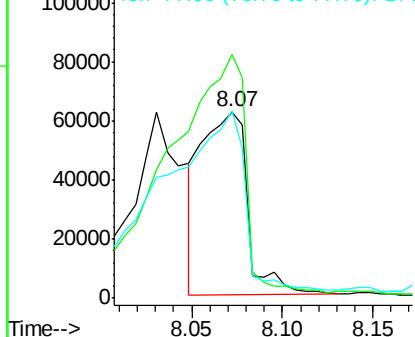


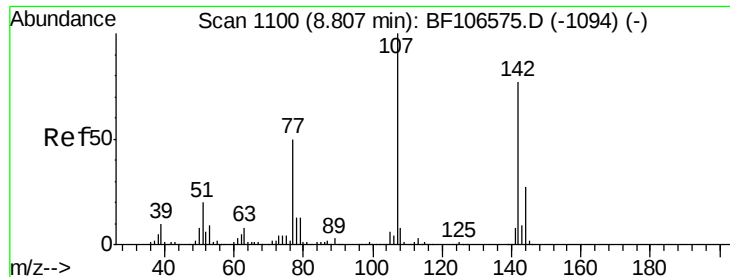
#32
Benzoic acid
Concen: 27.767 ng
RT: 8.07 min Scan# 975
Delta R.T. 0.05 min
Lab File: BF106626.D
Acq: 20 Jun 2018 18:18

Tgt Ion:122 Resp: 109813
Ion Ratio Lower Upper
122 100
105 130.8 101.1 141.1
77 100.4 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

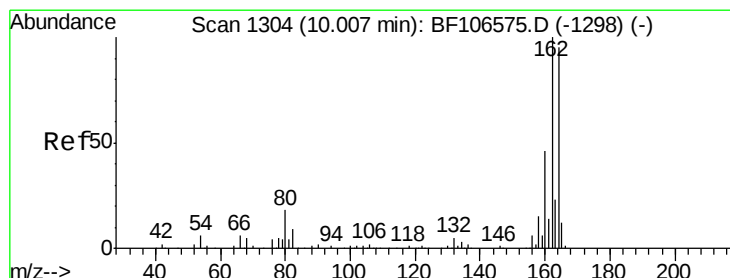
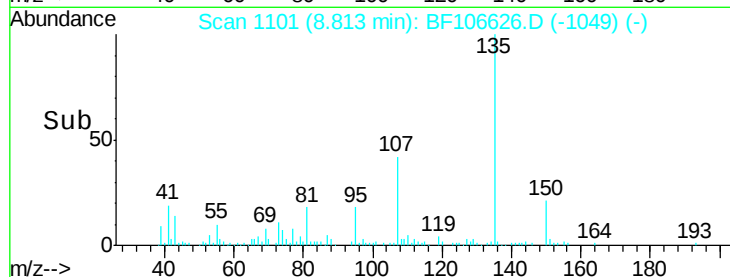
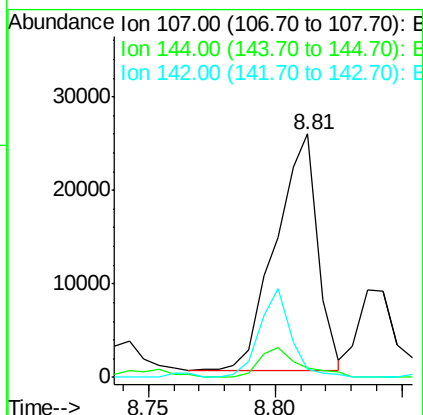
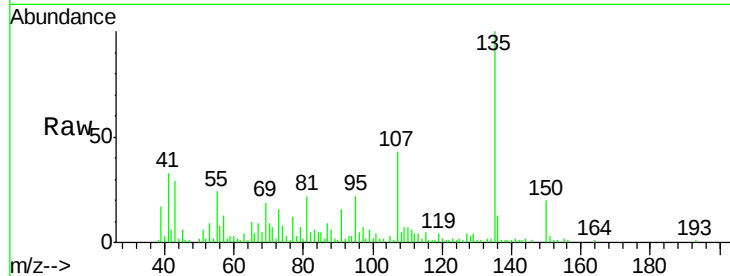




#36
4-Chloro-3-methylphenol
Concen: 4.376 ng
RT: 8.81 min Scan# 1101
Delta R.T. 0.01 min
Lab File: BF106626.D
Acq: 20 Jun 2018 18:18

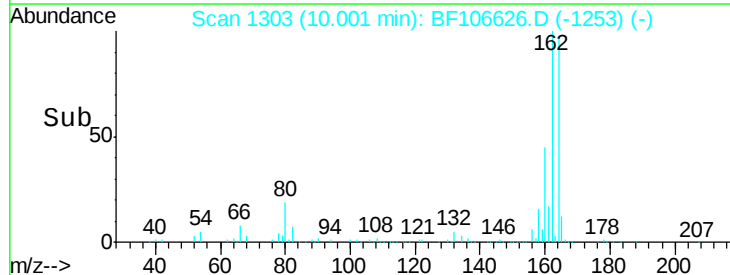
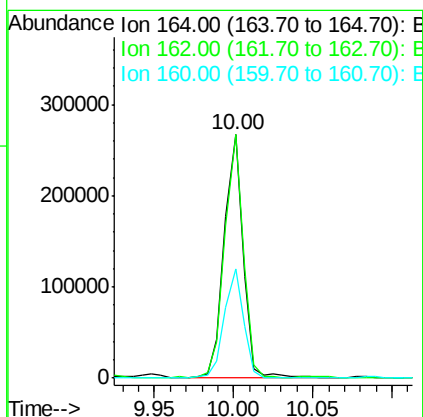
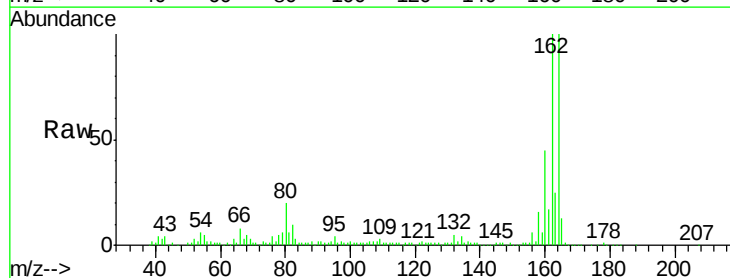
Instrument :
BNA_F
ClientSampleId :
TPTW-04

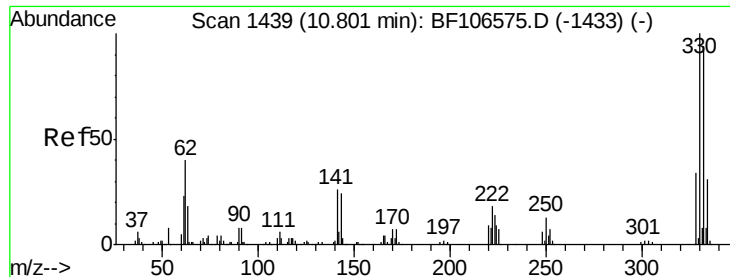
Tgt Ion:107 Resp: 29094
Ion Ratio Lower Upper
107 100
144 4.0 20.5 30.7#
142 3.4 62.0 93.0#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106626.D
Acq: 20 Jun 2018 18:18

Tgt Ion:164 Resp: 219186
Ion Ratio Lower Upper
164 100
162 99.9 86.1 129.1
160 45.0 38.3 57.5

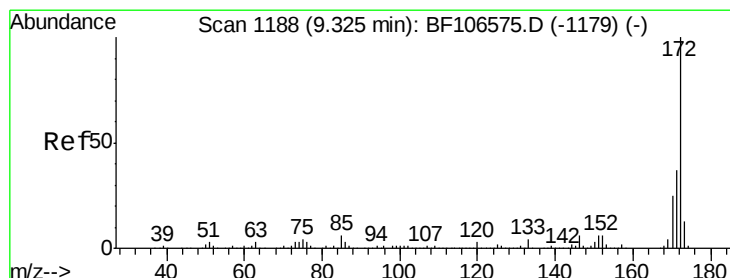
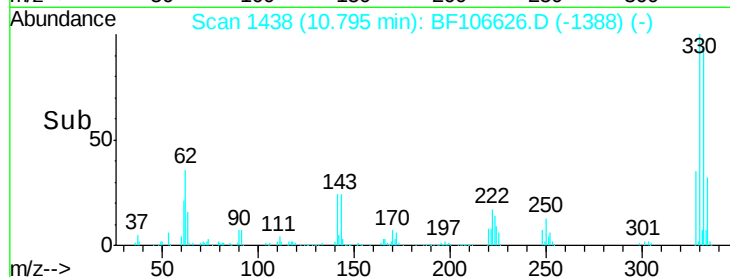
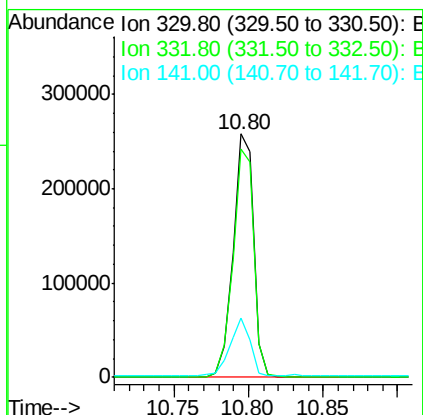
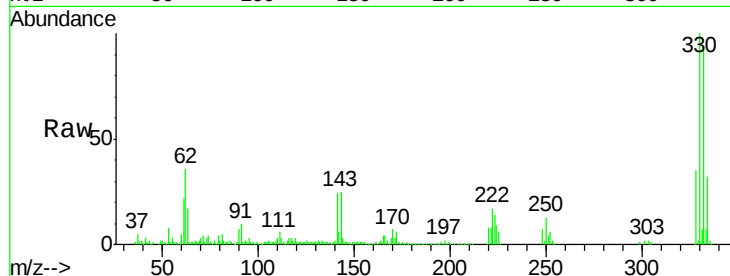




#41
 2,4,6-Tribromophenol
 Concen: 98.650 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106626.D
 Acq: 20 Jun 2018 18:18

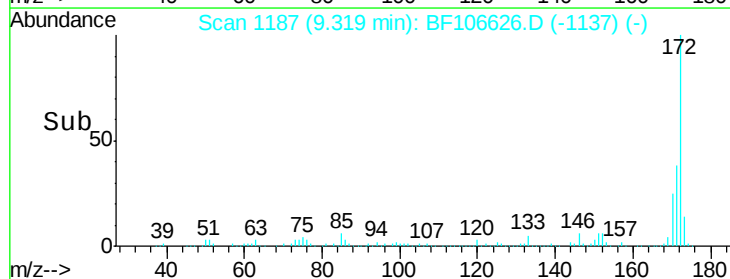
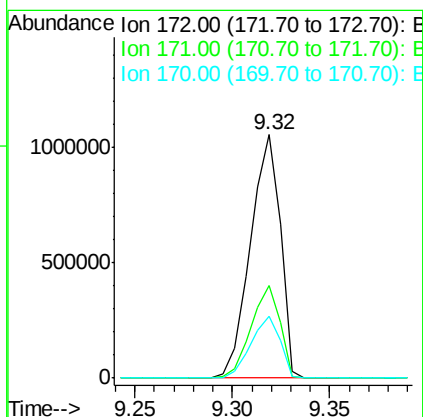
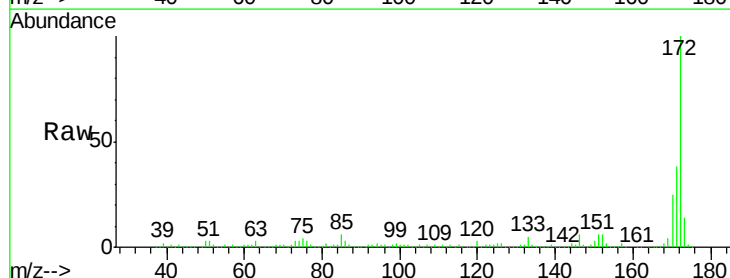
Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04

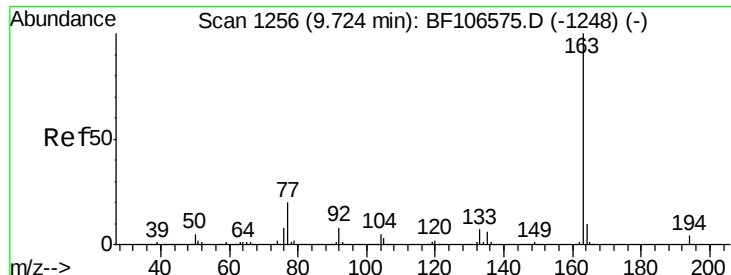
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	22.8	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 86.611 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106626.D
 Acq: 20 Jun 2018 18:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.7	44.5
170	25.5	19.6	29.4

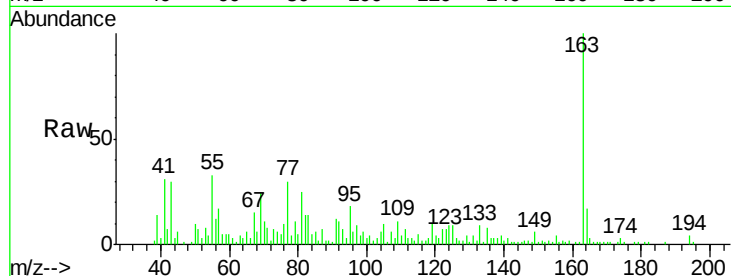




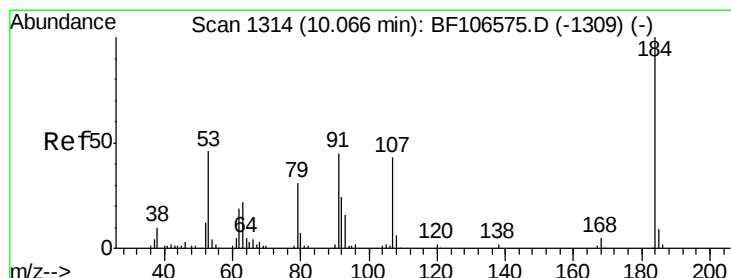
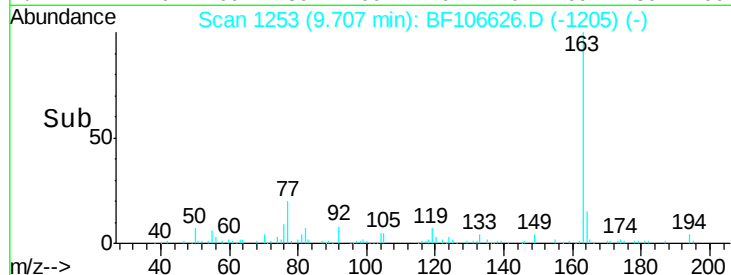
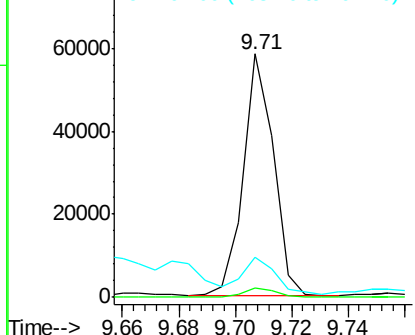
#49
Dimethylphthalate
Concen: 2.625 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106626.D
Acq: 20 Jun 2018 18:18

Instrument :
BNA_F
ClientSampleId :
TPTW-04

Tgt Ion:163 Resp: 43145
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 16.6 8.2 12.2#

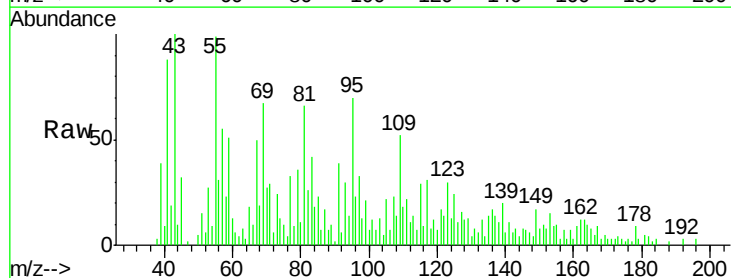


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

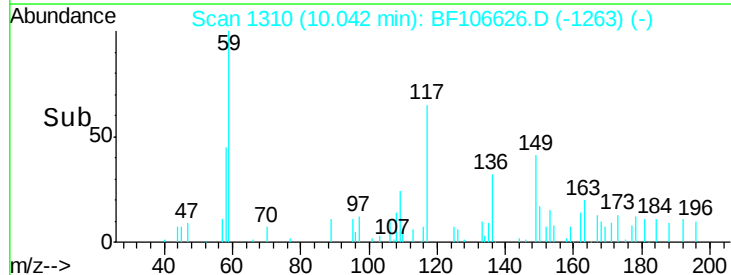
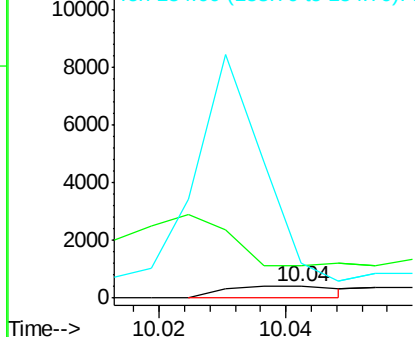


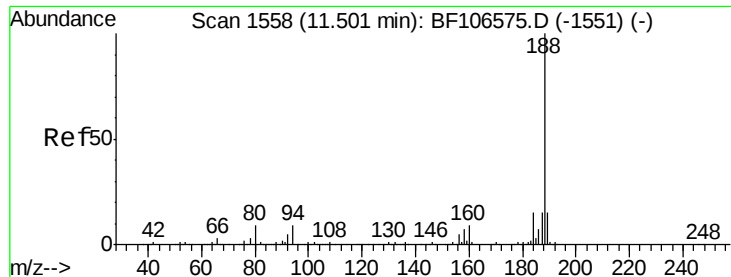
#53
2,4-Dinitrophenol
Concen: 5.612 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF106626.D
Acq: 20 Jun 2018 18:18

Tgt Ion:184 Resp: 503
Ion Ratio Lower Upper
184 100
63 282.2 54.2 81.2#
154 301.5 184.0 276.0#



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

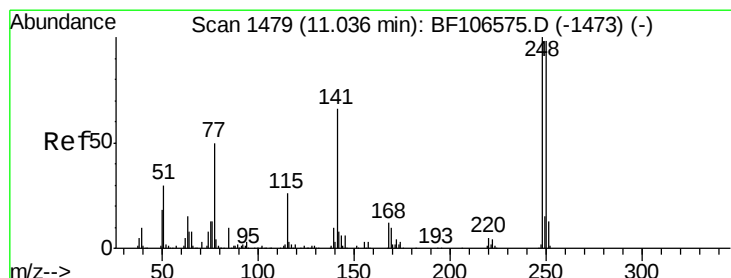
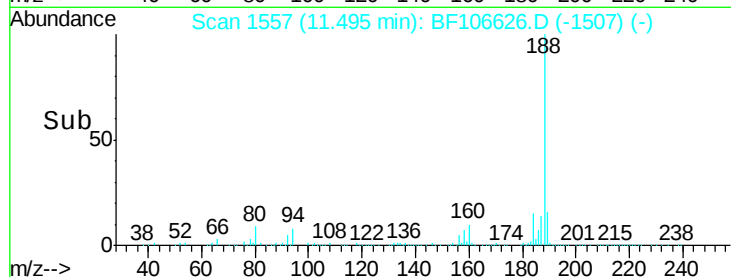
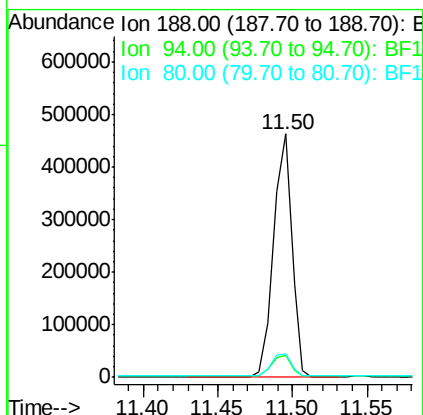
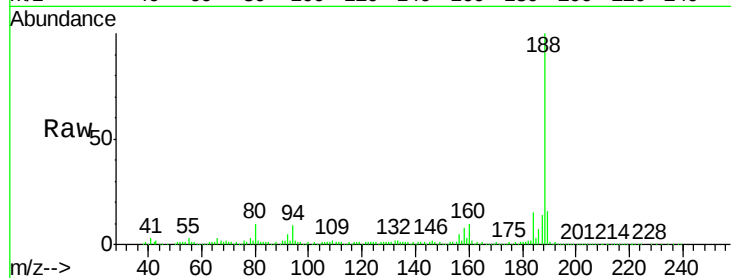




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106626.D
Acq: 20 Jun 2018 18:18

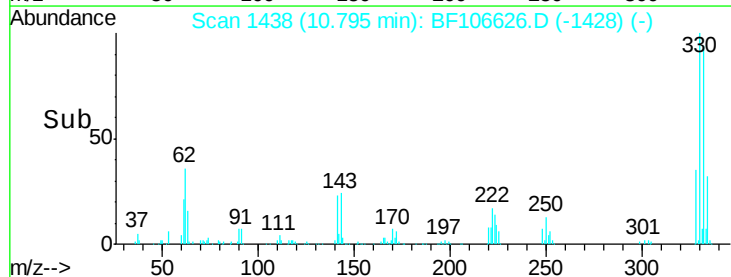
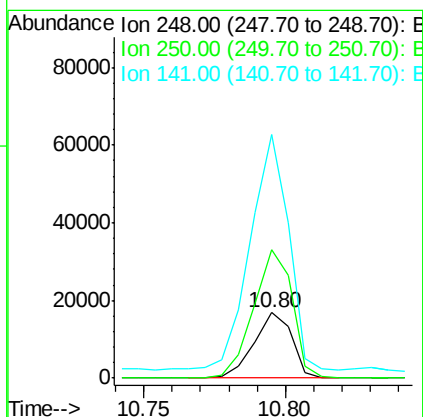
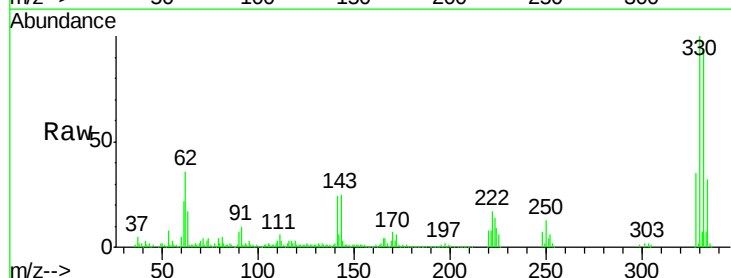
Instrument :
BNA_F
ClientSampleId :
TPTW-04

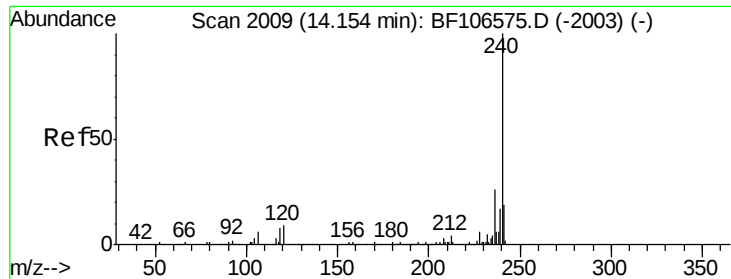
Tgt Ion:188 Resp: 395302
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.6 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.344 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106626.D
Acq: 20 Jun 2018 18:18

Tgt Ion:248 Resp: 15778
Ion Ratio Lower Upper
248 100
250 196.4 76.9 115.3#
141 371.7 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106626.D

Acq: 20 Jun 2018 18:18

Instrument :

BNA_F

ClientSampleId :

TPTW-04

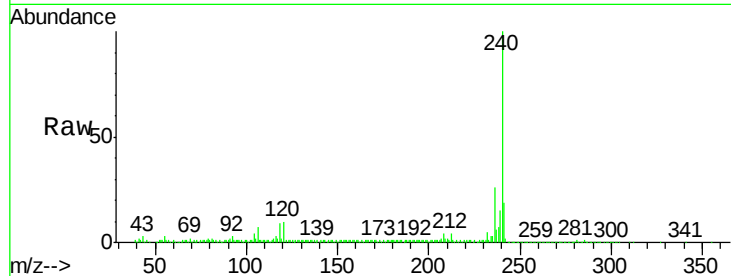
Tgt Ion:240 Resp: 301702

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

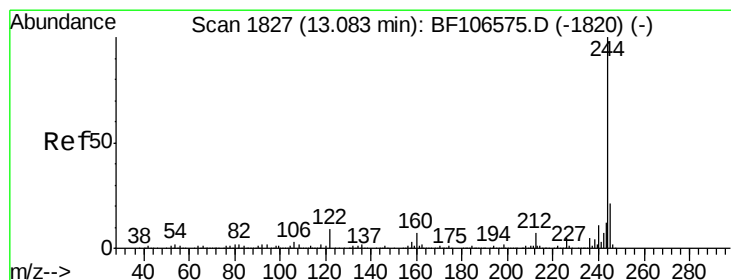
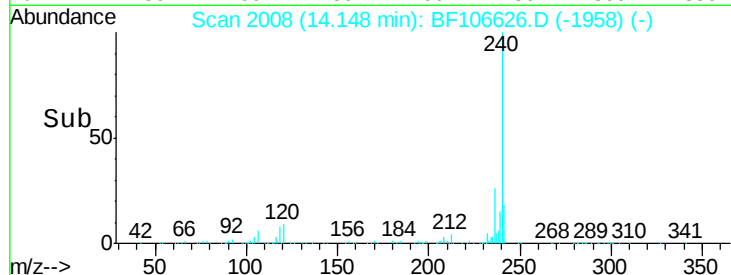
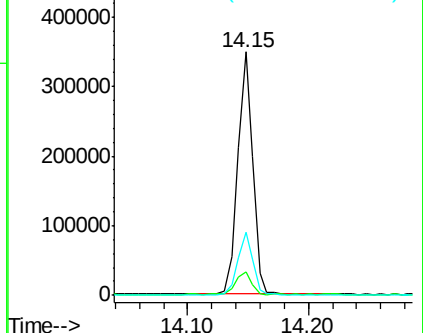
236 25.9 20.7 31.1



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



#78

Terphenyl-d14

Concen: 95.196 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106626.D

Acq: 20 Jun 2018 18:18

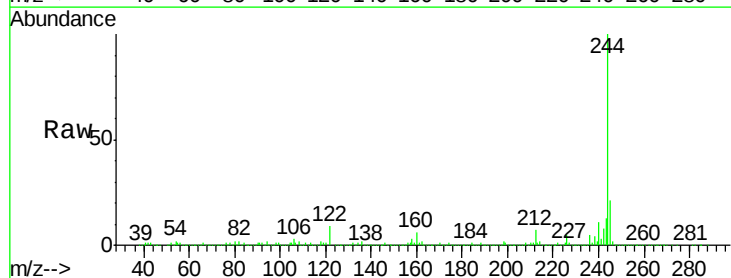
Tgt Ion:244 Resp: 1185686

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

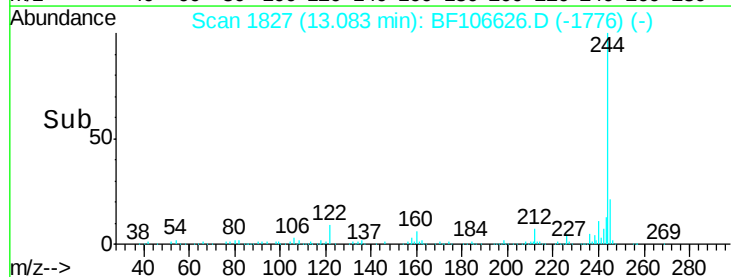
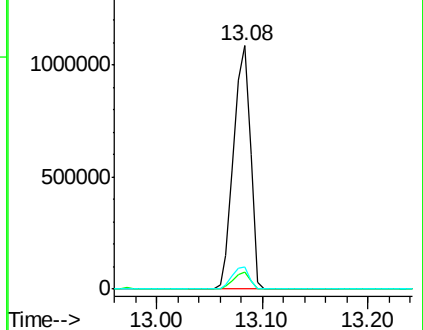
122 9.0 11.0 16.4#

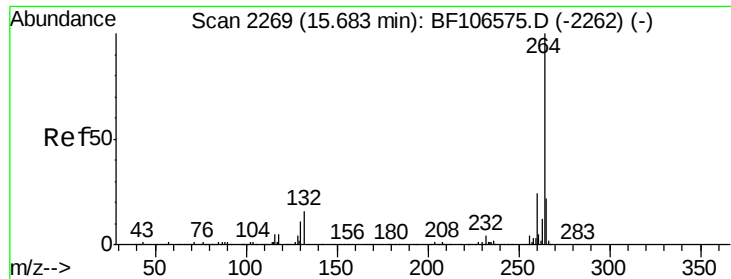


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

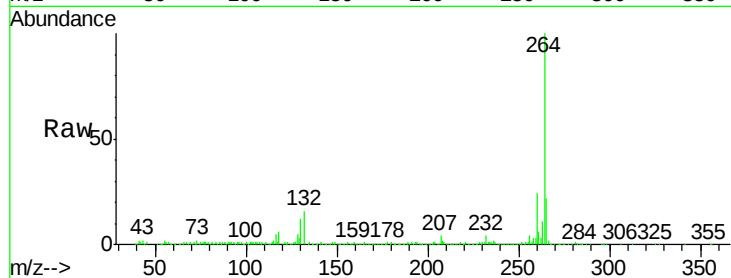




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF106626.D
Acq: 20 Jun 2018 18:18

Instrument :
BNA_F
ClientSampleId :
TPTW-04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.7	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

