

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062018\
 Data File : BF106629.D
 Acq On : 20 Jun 2018 19:39
 Operator : JU/SJ
 Sample : J3529-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04

Quant Time: Jun 21 01:02:47 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	6.96	152	106018	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	434298	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	221243	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	447281	20.00	ng	0.00
75) Chrysene-d12	14.15	240	298284	20.00	ng	0.00
86) Perylene-d12	15.69	264	300112	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	391988	62.61	ng	0.00
7) Phenol-d6	6.61	99	313899	40.15	ng	0.00
23) Nitrobenzene-d5	7.52	82	669490	85.67	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	369243	144.00	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1138127	87.51	ng	0.00
78) Terphenyl-d14	13.09	244	1277937	103.78	ng	0.00

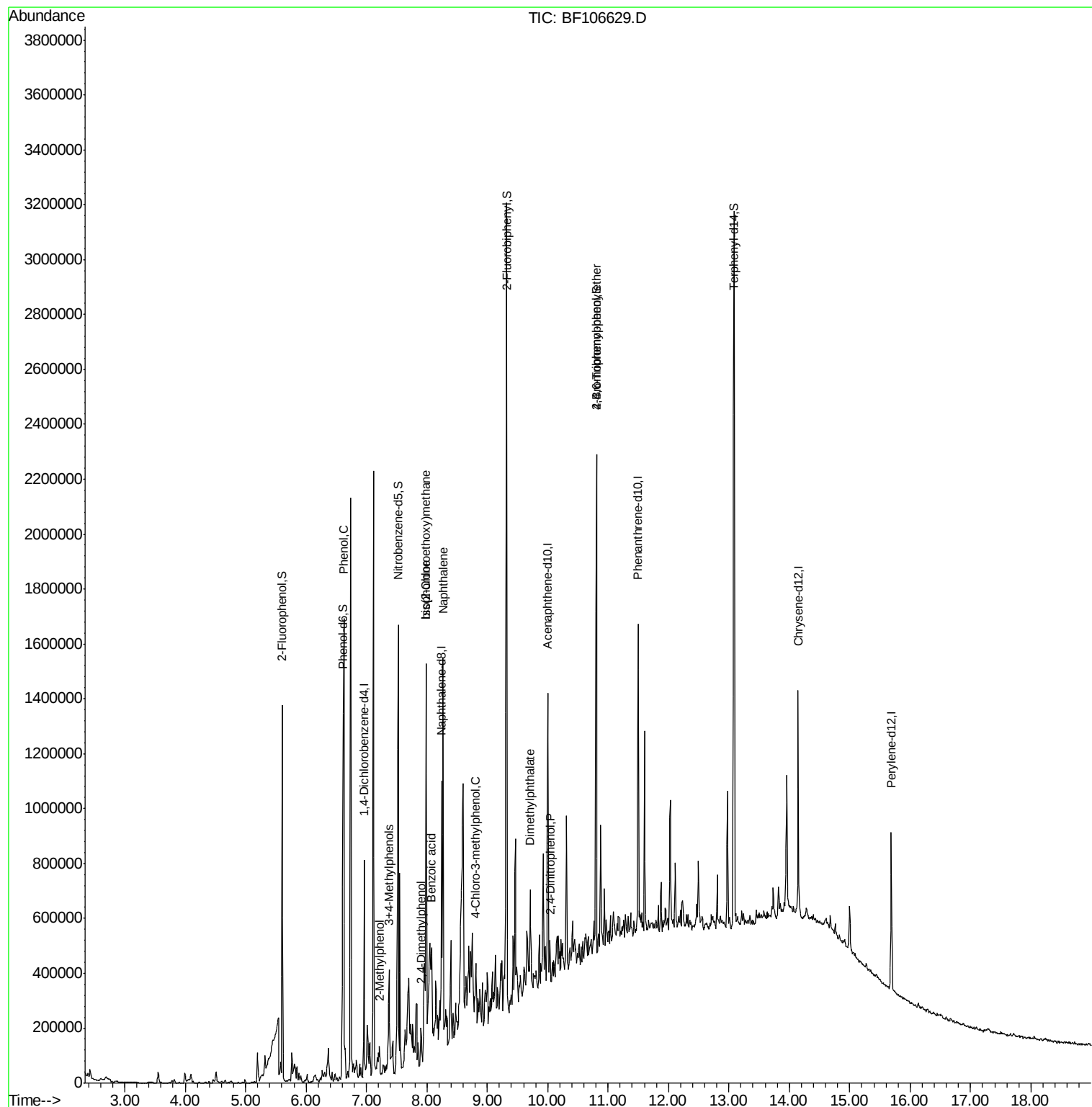
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.62	94	596700	66.872	ng	99
17) 2-Methylphenol	7.22	107	14072	2.395	ng	93
20) 3+4-Methylphenols	7.37	107	95610	12.097	ng	93
25) Isophorone	7.99	82	38999	2.832	ng	# 1
27) 2,4-Dimethylphenol	7.90	122	23607	4.055	ng	96
28) bis(2-Chloroethoxy)methane	7.99	93	28294	3.060	ng	# 1
31) Naphthalene	8.27	128	46917	2.311	ng	100
32) Benzoic acid	8.08	122	130669	32.904	ng	93
36) 4-Chloro-3-methylphenol	8.81	107	31458	4.904	ng	# 34
49) Dimethylphthalate	9.71	163	111154	6.699	ng	# 94
53) 2,4-Dinitrophenol	10.05	184	739	5.730	ng	# 17
66) 4-Bromophenyl-phenylether	10.81	248	22894	4.289	ng	# 1

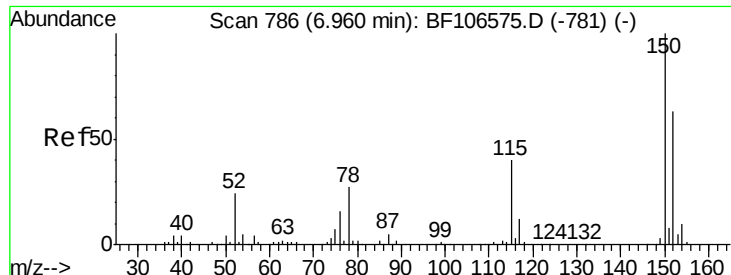
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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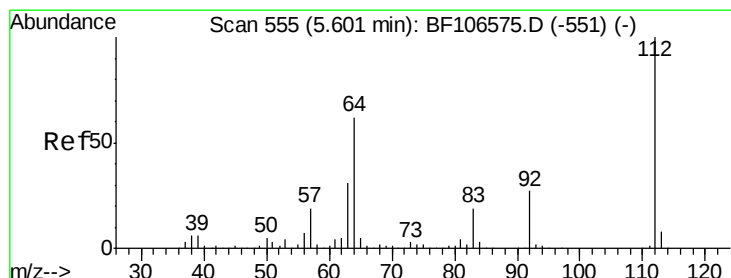
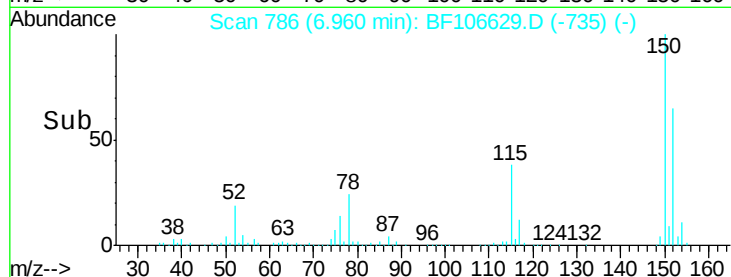
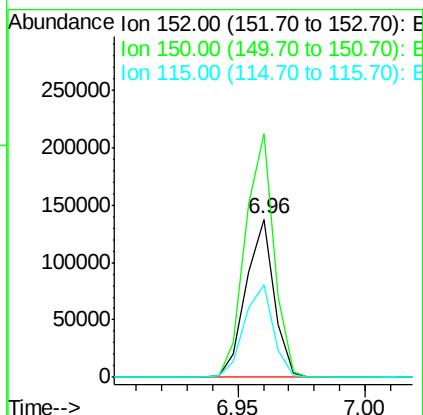
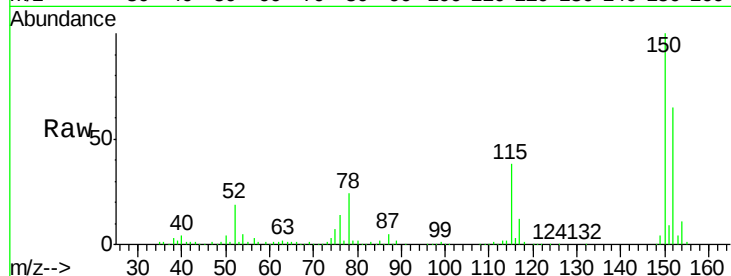


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106629.D
Acq: 20 Jun 2018 19:39

Instrument :
BNA_F
ClientSampleId :
TPTW-04

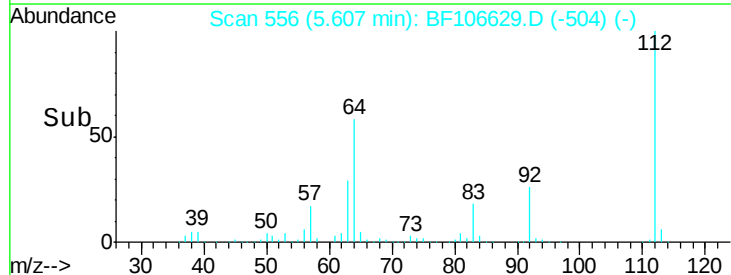
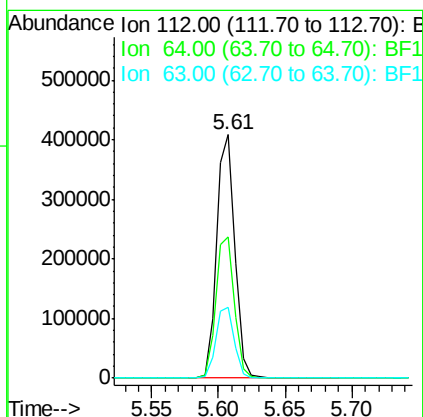
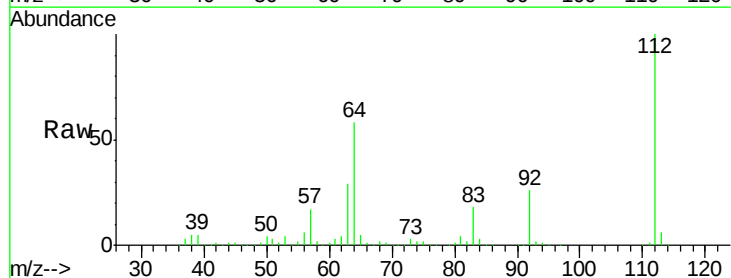
Tgt Ion:152 Resp: 106018
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 58.5 50.1 75.1



#5

2-Fluorophenol
Concen: 62.608 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106629.D
Acq: 20 Jun 2018 19:39

Tgt Ion:112 Resp: 391988
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 29.1 23.7 35.5





#7

Phenol-d6

Concen: 40.147 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106629.D

Acq: 20 Jun 2018 19:39

Instrument :

BNA_F

ClientSampleId :

TPTW-04

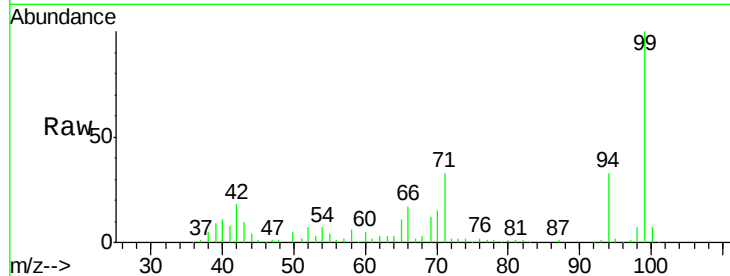
Tgt Ion: 99 Resp: 313899

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

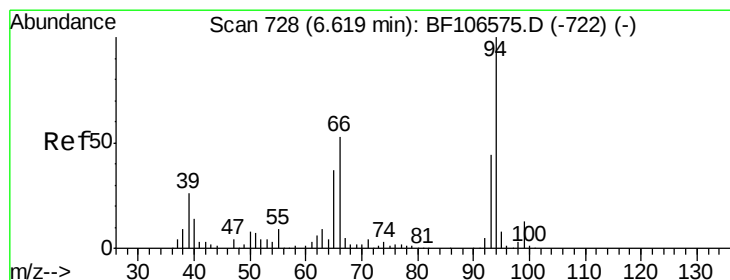
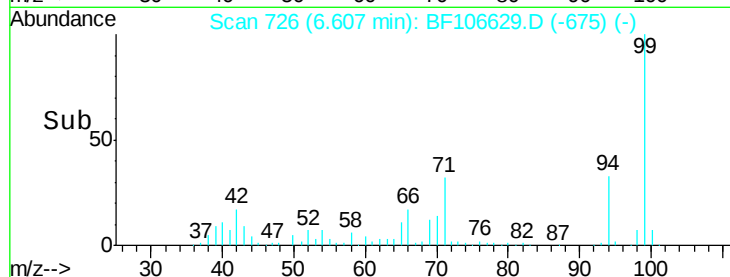
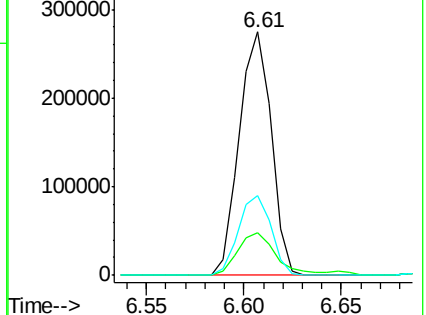
71 32.8 25.4 38.0



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: 66.872 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF106629.D

Acq: 20 Jun 2018 19:39

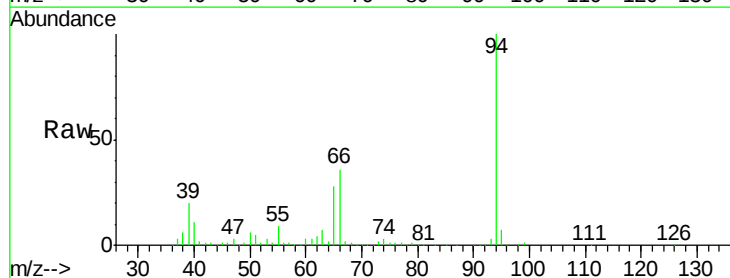
Tgt Ion: 94 Resp: 596700

Ion Ratio Lower Upper

94 100

65 28.4 7.9 47.9

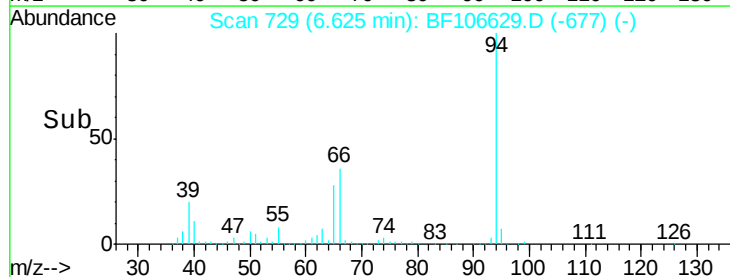
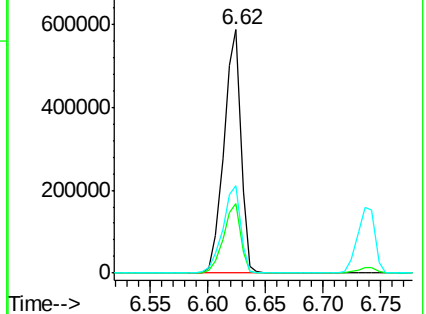
66 35.8 16.2 56.2

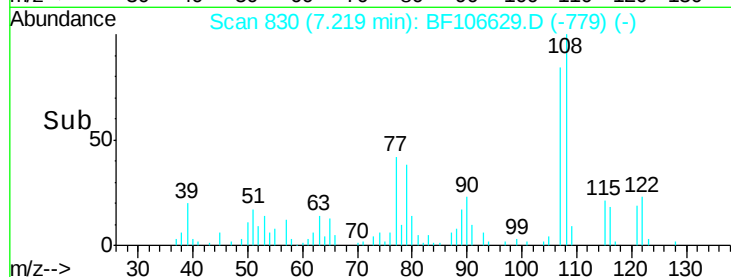
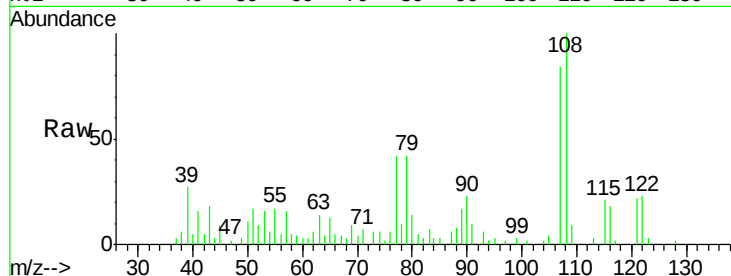
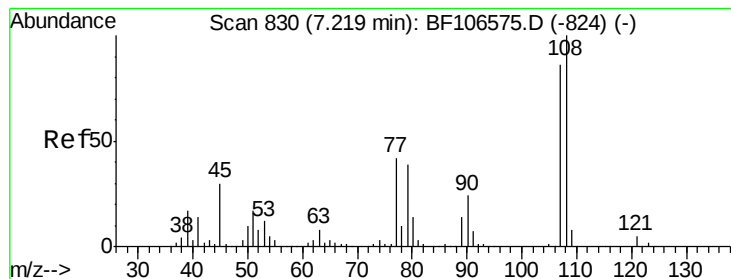


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#17

2-Methylphenol

Concen: 2.395 ng

RT: 7.22 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF106629.D

Acq: 20 Jun 2018 19:39

Instrument :

BNA_F

ClientSampleId :

TPTW-04

Tgt Ion:107 Resp: 14072

Ion Ratio Lower Upper

107 100

108 118.8 91.7 137.5

77 49.8 33.8 50.8

79 49.3 33.8 50.8

Abundance

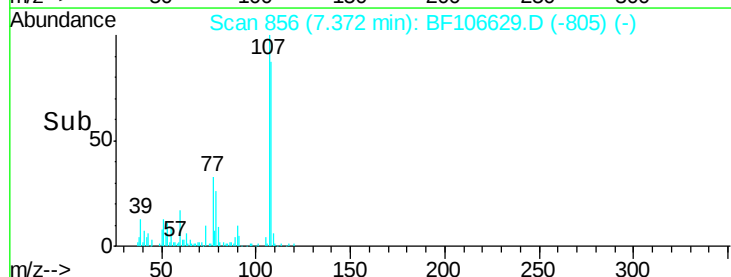
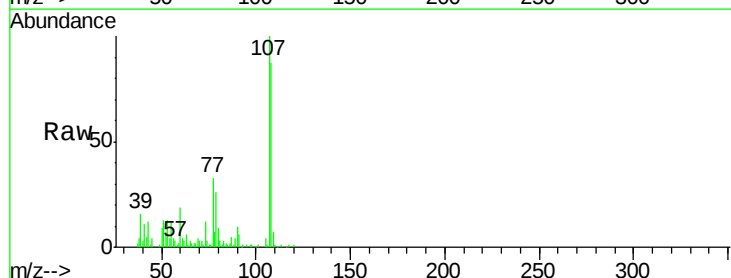
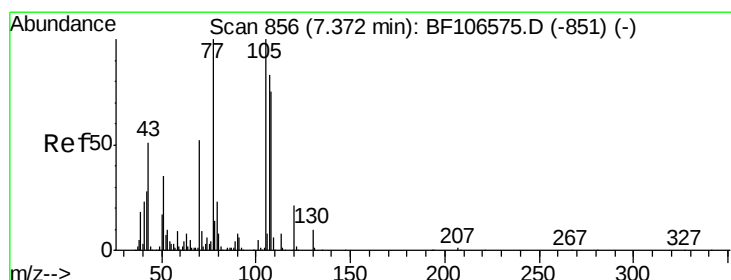
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->



#20

3+4-Methylphenols

Concen: 12.097 ng

RT: 7.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF106629.D

Acq: 20 Jun 2018 19:39

Tgt Ion:107 Resp: 95610

Ion Ratio Lower Upper

107 100

108 87.0 68.2 108.2

77 32.9 26.7 66.7

79 26.1 6.3 46.3

Abundance

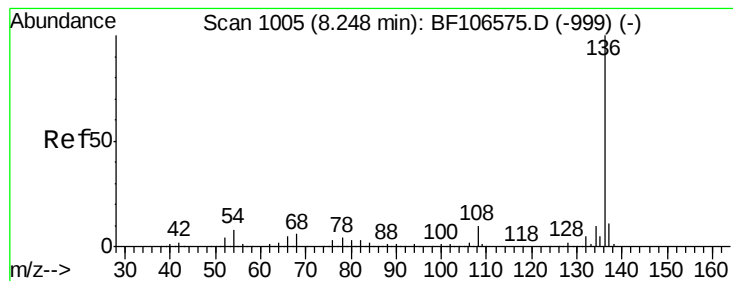
Ion 107.00 (106.70 to 107.70): E

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

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106629.D

Acq: 20 Jun 2018 19:39

Instrument :

BNA_F

ClientSampleId :

TPTW-04

Tgt Ion:136 Resp: 434298

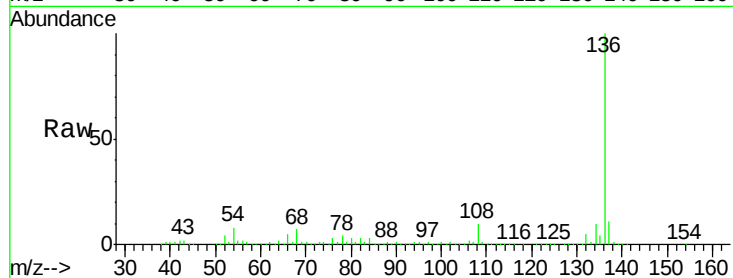
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.3 6.6 9.8

68 6.9 5.0 7.4

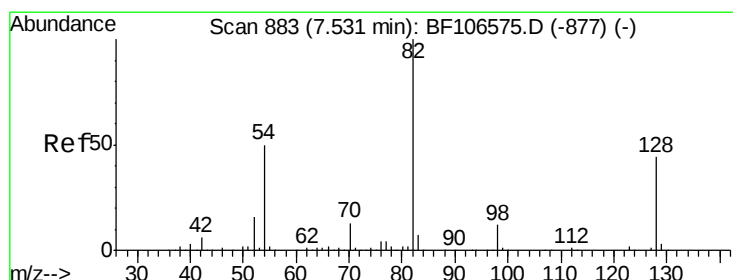
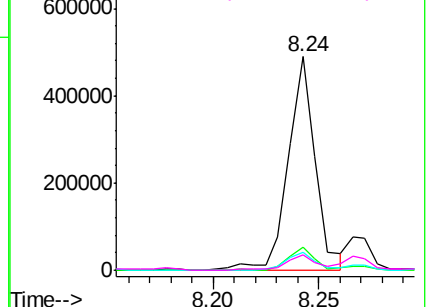
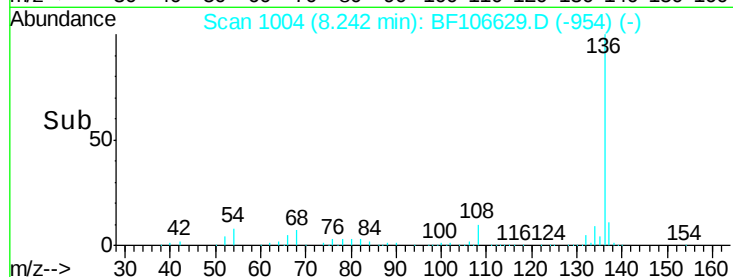


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.669 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106629.D

Acq: 20 Jun 2018 19:39

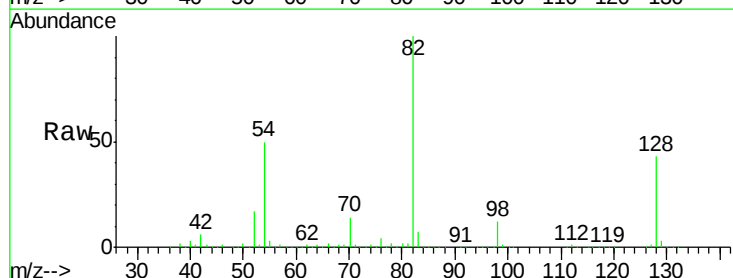
Tgt Ion: 82 Resp: 669490

Ion Ratio Lower Upper

82 100

128 43.2 36.1 54.1

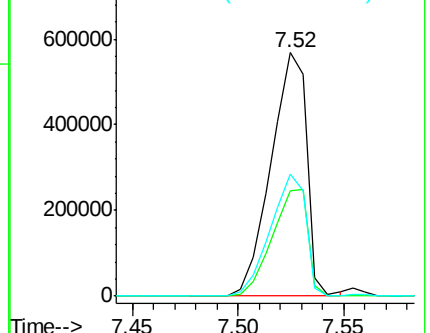
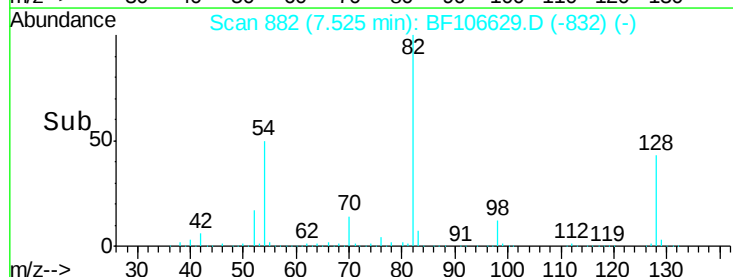
54 50.1 41.4 62.2

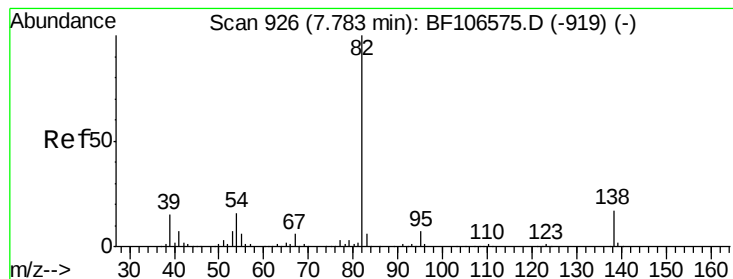


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 2.832 ng

RT: 7.99 min Scan# 961

Delta R.T. 0.21 min

Lab File: BF106629.D

Acq: 20 Jun 2018 19:39

Instrument :

BNA_F

ClientSampleId :

TPTW-04

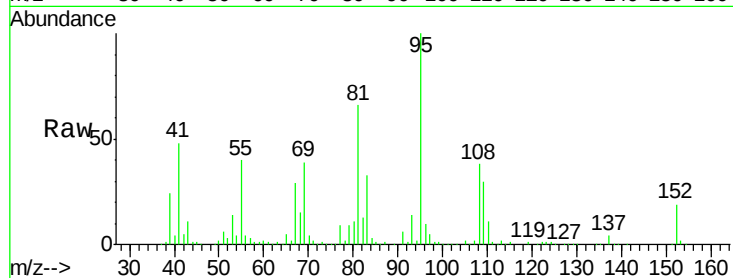
Tgt Ion: 82 Resp: 38999

Ion Ratio Lower Upper

82 100

95 742.8 5.2 7.8#

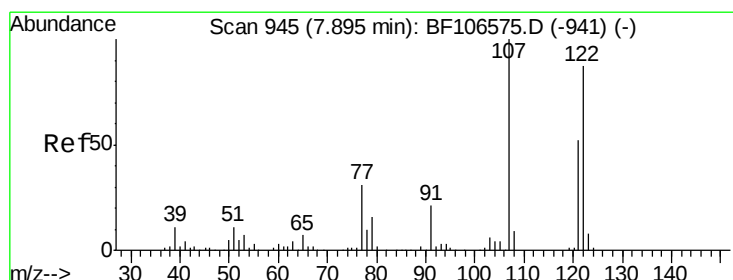
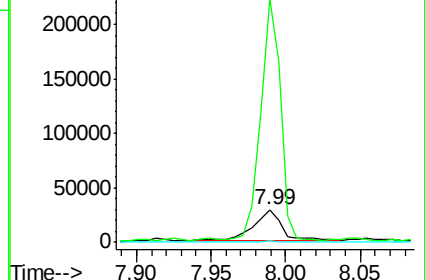
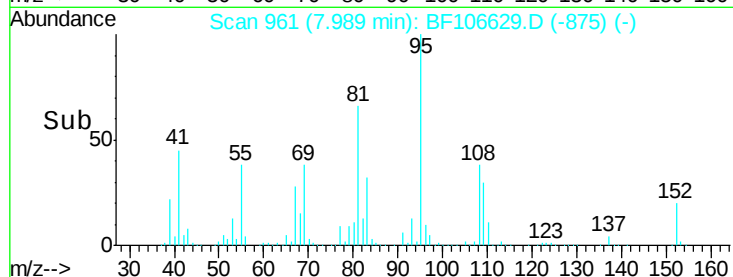
138 3.5 14.9 22.3#



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: 4.055 ng

RT: 7.90 min Scan# 946

Delta R.T. 0.01 min

Lab File: BF106629.D

Acq: 20 Jun 2018 19:39

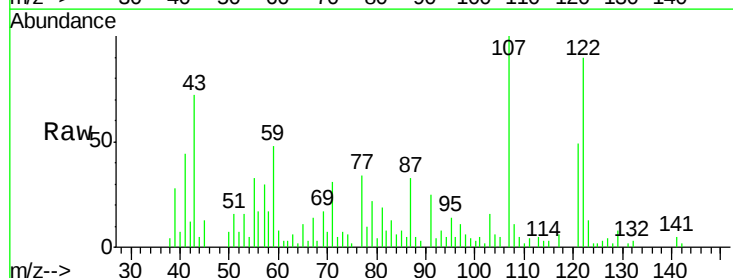
Tgt Ion: 122 Resp: 23607

Ion Ratio Lower Upper

122 100

107 111.5 91.2 136.8

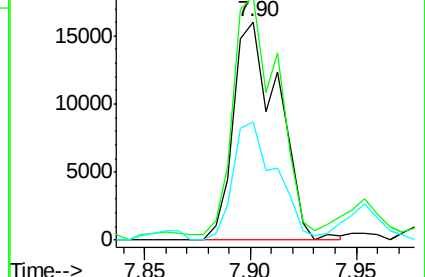
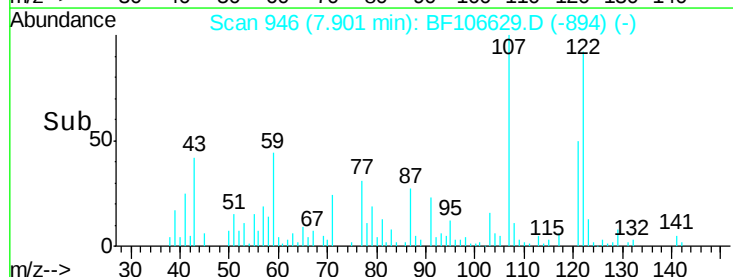
121 54.3 47.2 70.8

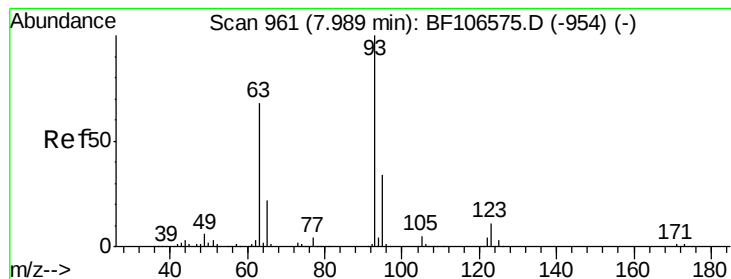


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 107.00 (106.70 to 107.70): BF1

Ion 121.00 (120.70 to 121.70): BF1





#28

bis(2-Chloroethoxy)methane

Concen: 3.060 ng

RT: 7.99 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF106629.D

Acq: 20 Jun 2018 19:39

Instrument :

BNA_F

ClientSampleId :

TPTW-04

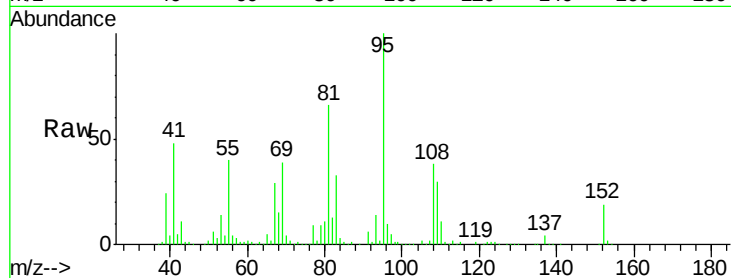
Tgt Ion: 93 Resp: 28294

Ion Ratio Lower Upper

93 100

95 739.0 26.3 39.5#

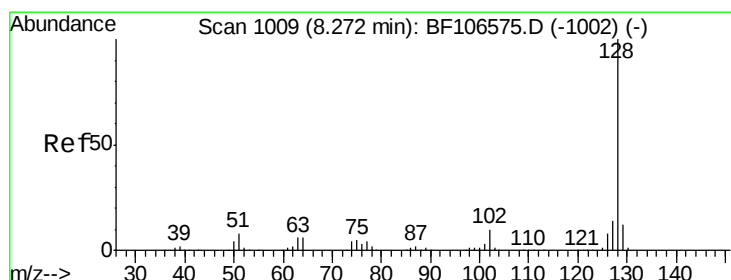
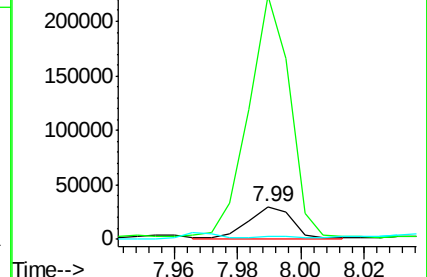
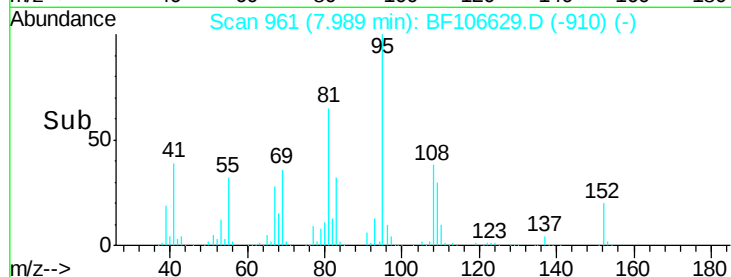
123 9.7 9.8 14.6#



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): BF1



#31

Naphthalene

Concen: 2.311 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF106629.D

Acq: 20 Jun 2018 19:39

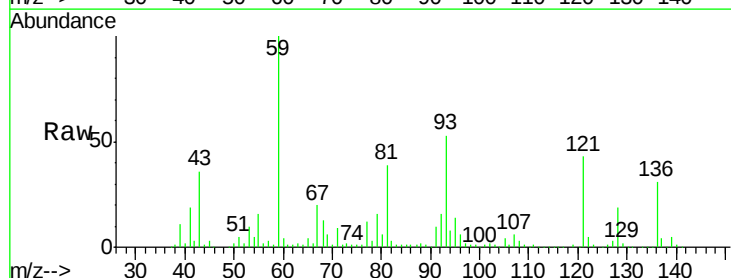
Tgt Ion: 128 Resp: 46917

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

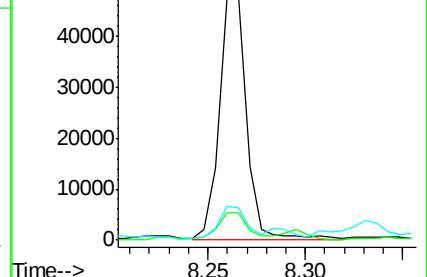
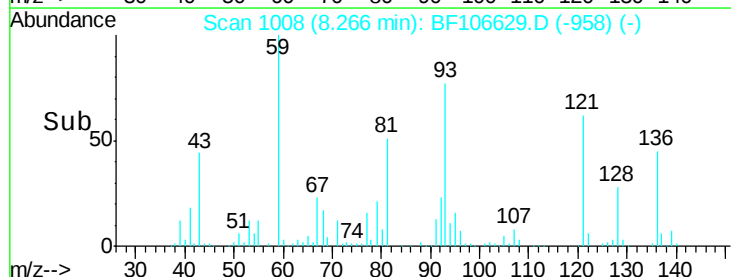
127 13.5 10.9 16.3

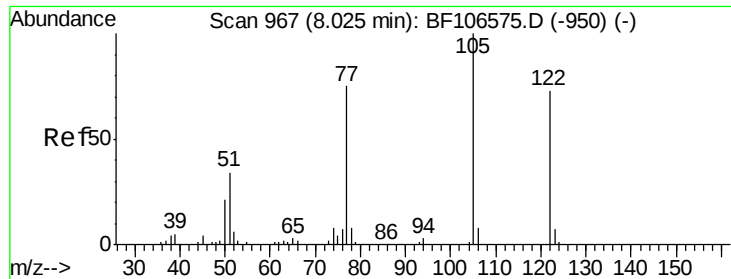


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1

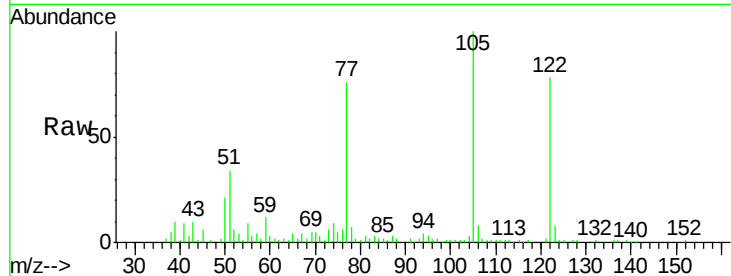




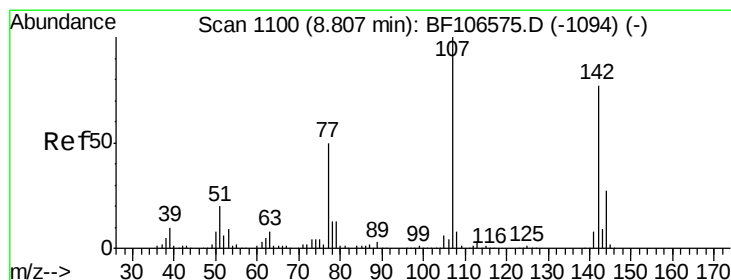
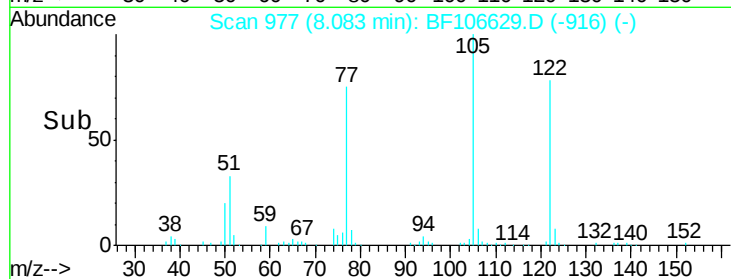
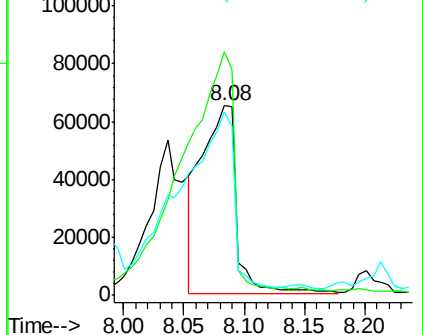
#32
Benzoic acid
Concen: 32.904 ng
RT: 8.08 min Scan# 977
Delta R.T. 0.06 min
Lab File: BF106629.D
Acq: 20 Jun 2018 19:39

Instrument :
BNA_F
ClientSampleId :
TPTW-04

Tgt Ion:122 Resp: 130669
Ion Ratio Lower Upper
122 100
105 128.4 101.1 141.1
77 97.0 70.7 110.7

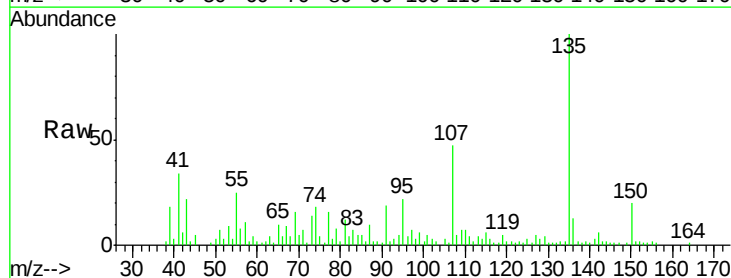


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

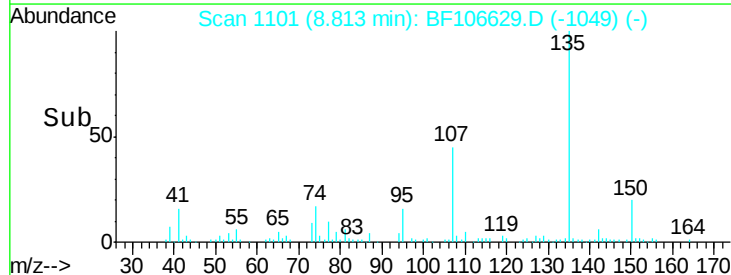
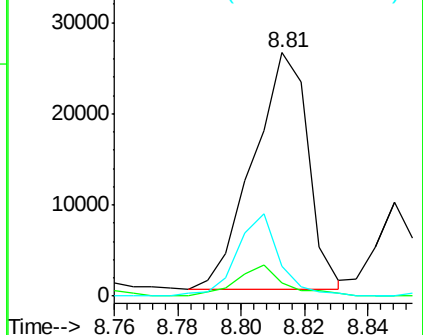


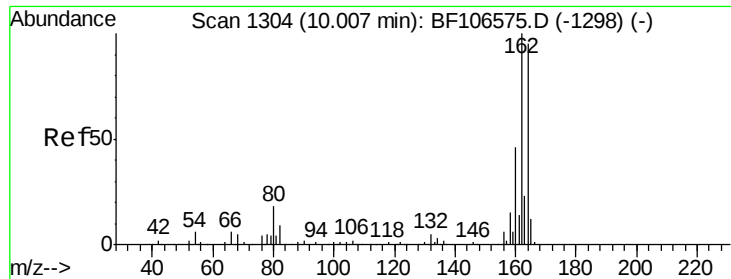
#36
4-Chloro-3-methylphenol
Concen: 4.904 ng
RT: 8.81 min Scan# 1101
Delta R.T. 0.01 min
Lab File: BF106629.D
Acq: 20 Jun 2018 19:39

Tgt Ion:107 Resp: 31458
Ion Ratio Lower Upper
107 100
144 5.2 20.5 30.7#
142 12.4 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

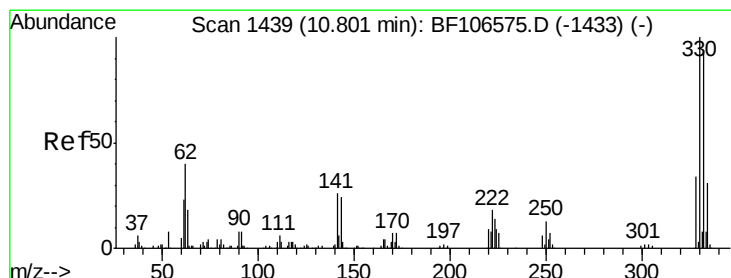
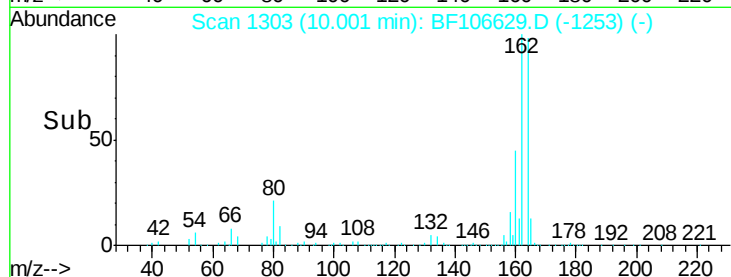
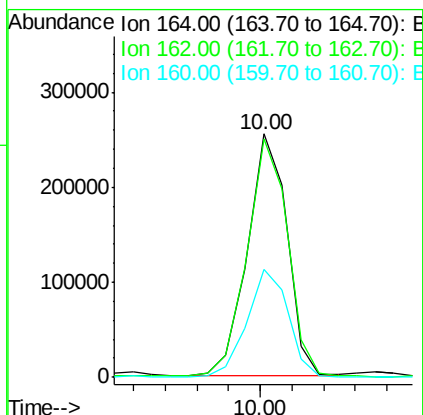
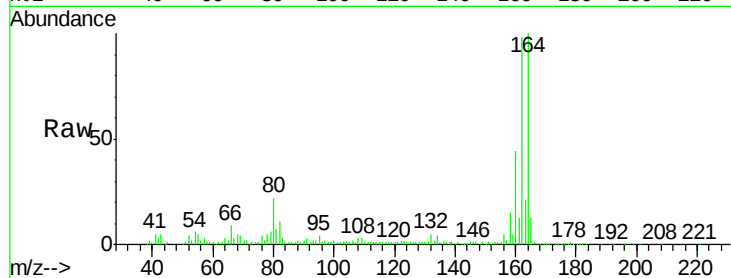




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106629.D
Acq: 20 Jun 2018 19:39

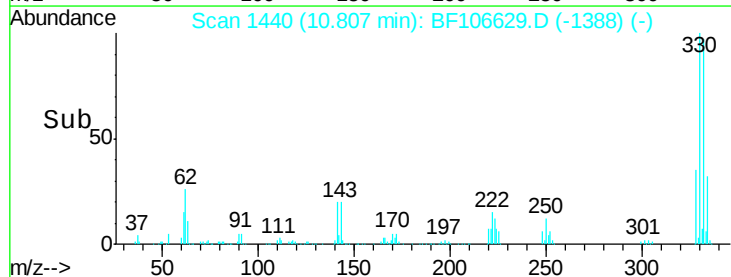
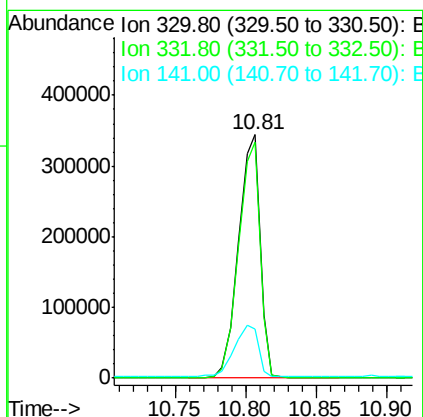
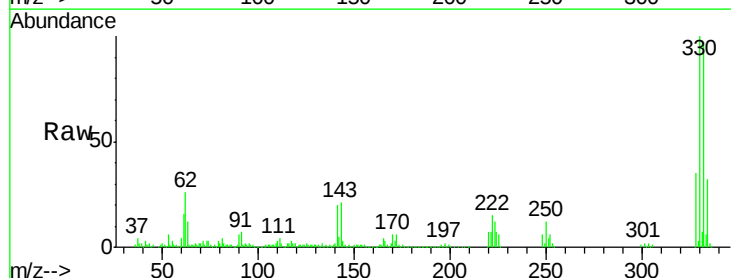
Instrument :
BNA_F
ClientSampleId :
TPTW-04

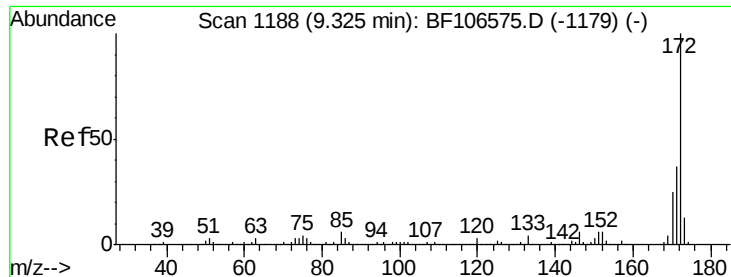
Tgt Ion:164 Resp: 221243
Ion Ratio Lower Upper
164 100
162 98.1 86.1 129.1
160 44.1 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 143.996 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF106629.D
Acq: 20 Jun 2018 19:39

Tgt Ion:330 Resp: 369243
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 23.2 29.9 44.9#

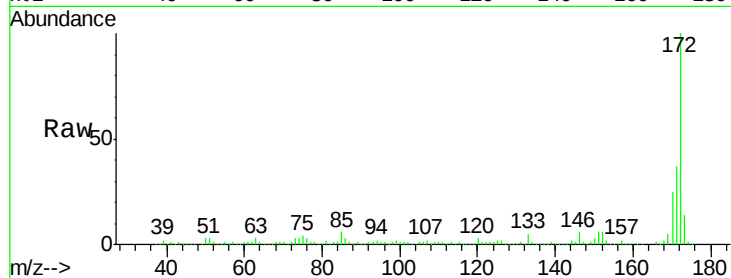




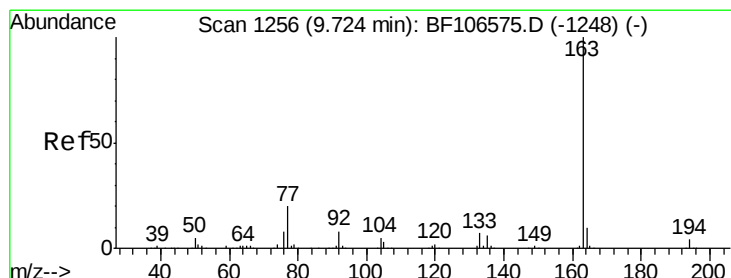
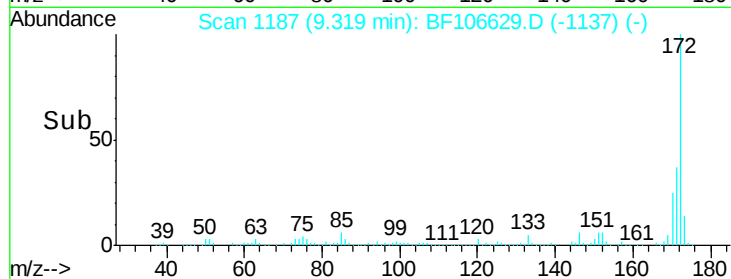
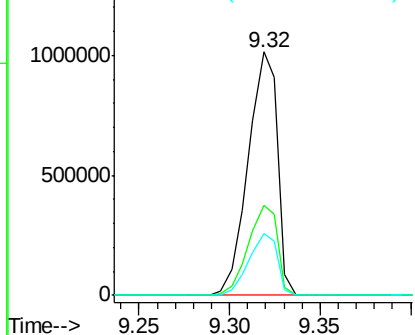
#44
2-Fluorobiphenyl
Concen: 87.508 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106629.D
Acq: 20 Jun 2018 19:39

Instrument :
BNA_F
ClientSampleId :
TPTW-04

Tgt Ion:172 Resp: 1138127
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 25.3 19.6 29.4

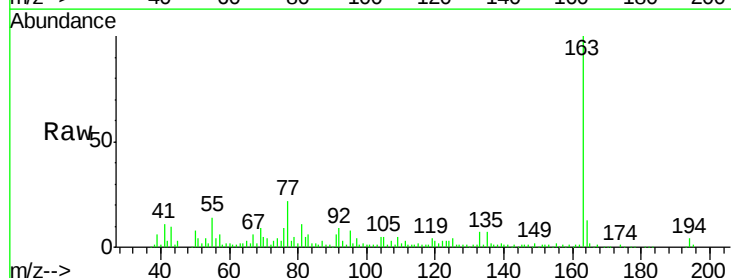


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

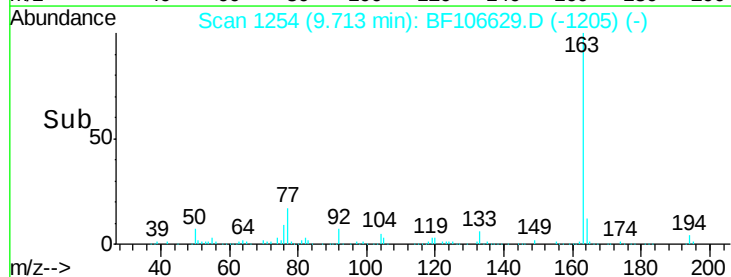
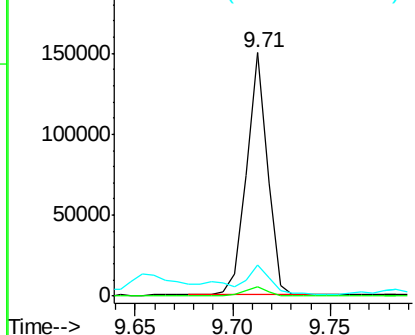


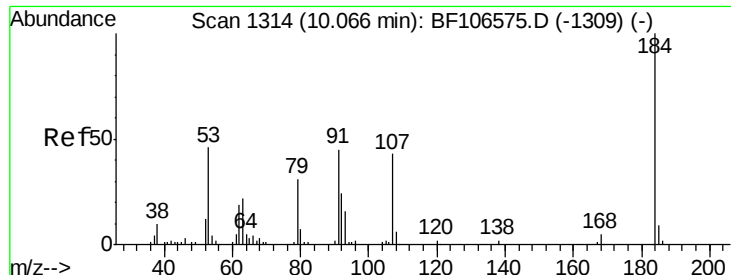
#49
Dimethylphthalate
Concen: 6.699 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106629.D
Acq: 20 Jun 2018 19:39

Tgt Ion:163 Resp: 111154
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 12.8 8.2 12.2#



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

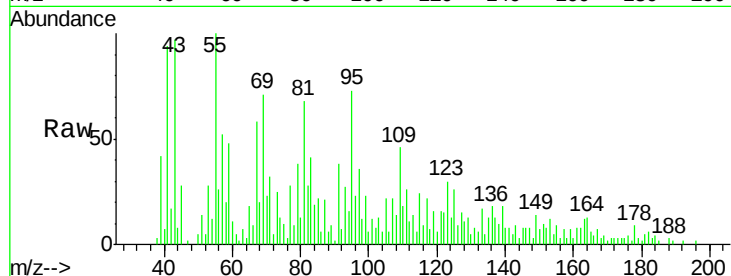




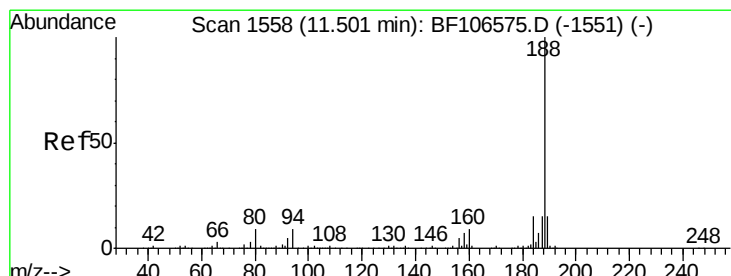
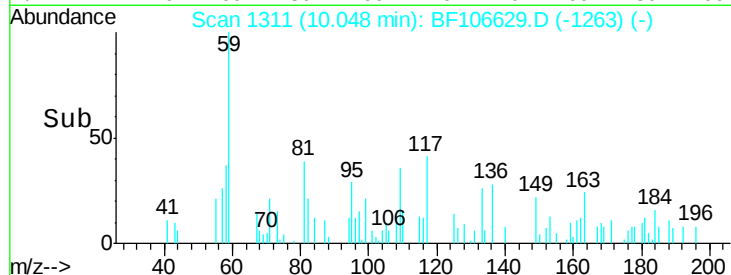
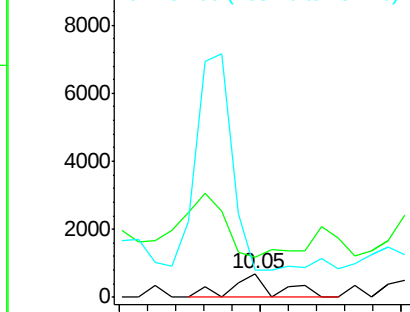
#53
2,4-Dinitrophenol
Concen: 5.730 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF106629.D
Acq: 20 Jun 2018 19:39

Instrument :
BNA_F
ClientSampleId :
TPTW-04

Tgt Ion:184 Resp: 739
Ion Ratio Lower Upper
184 100
63 171.3 54.2 81.2#
154 115.6 184.0 276.0#

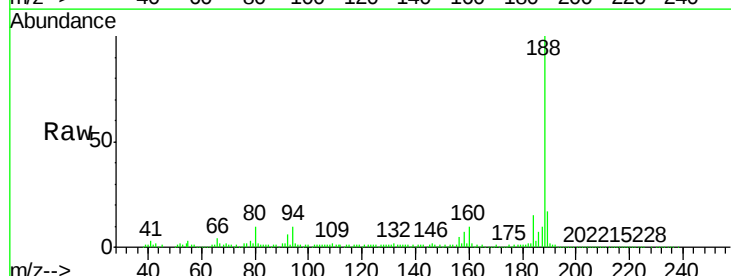


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

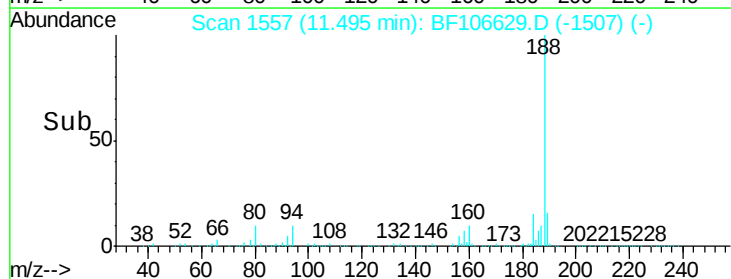
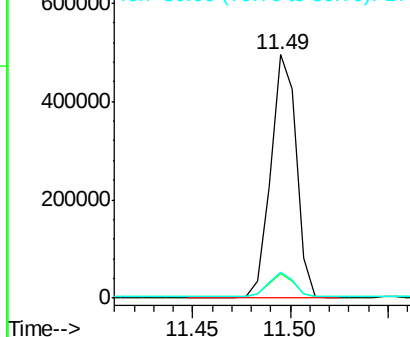


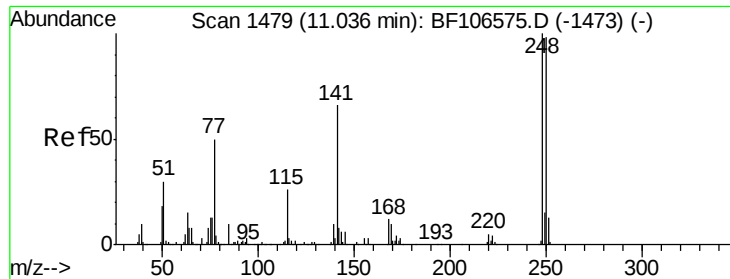
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106629.D
Acq: 20 Jun 2018 19:39

Tgt Ion:188 Resp: 447281
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

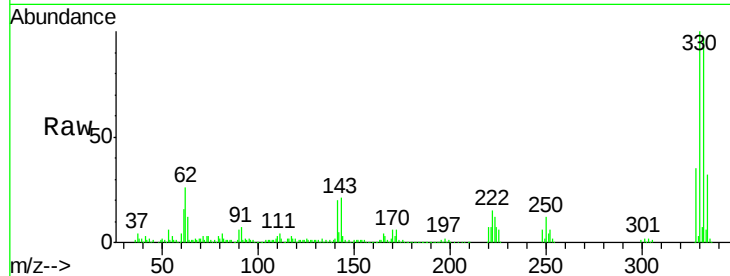




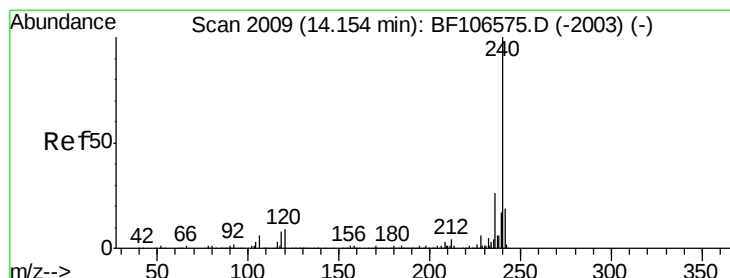
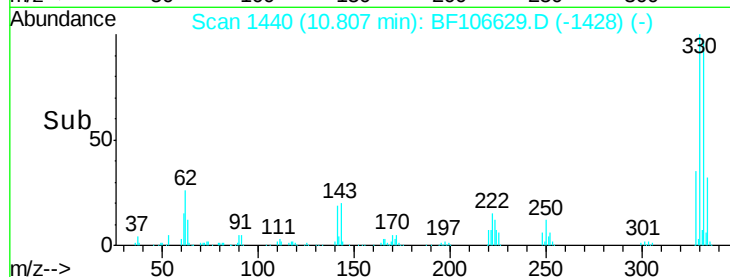
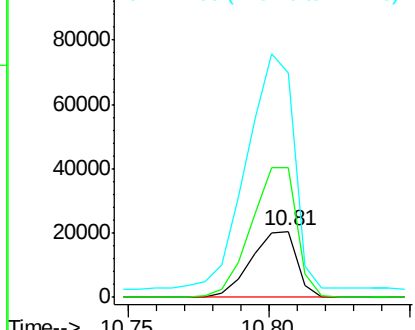
#66
 4-Bromophenyl-phenylether
 Concen: 4.289 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.23 min
 Lab File: BF106629.D
 Acq: 20 Jun 2018 19:39

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04

Tgt Ion:248 Resp: 22894
 Ion Ratio Lower Upper
 248 100
 250 196.7 76.9 115.3#
 141 339.2 74.4 111.6#

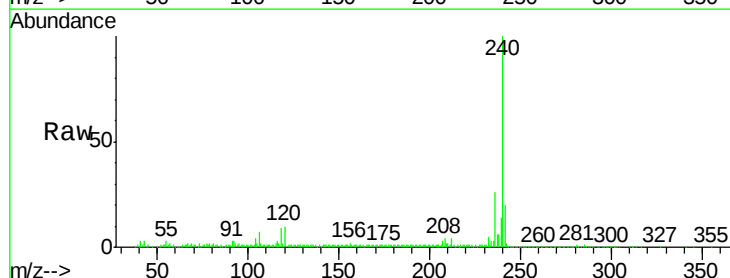


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

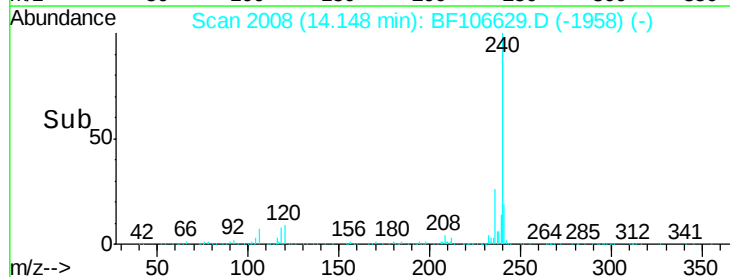
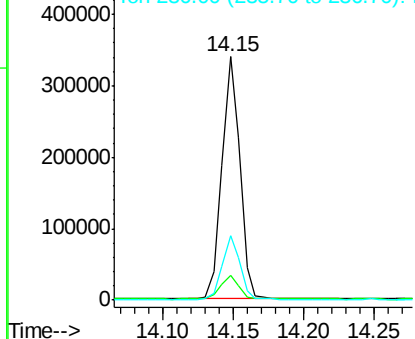


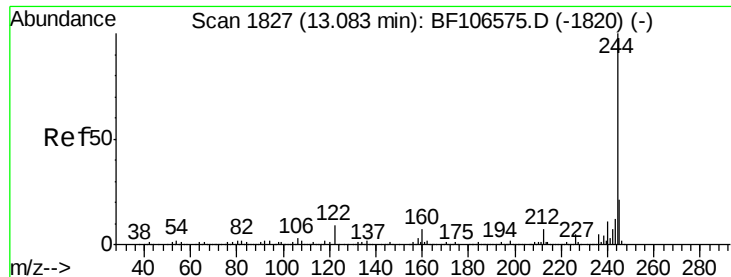
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF106629.D
 Acq: 20 Jun 2018 19:39

Tgt Ion:240 Resp: 298284
 Ion Ratio Lower Upper
 240 100
 120 10.0 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





#78

Terphenyl-d14

Concen: 103.778 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF106629.D

Acq: 20 Jun 2018 19:39

Instrument :

BNA_F

ClientSampleId :

TPTW-04

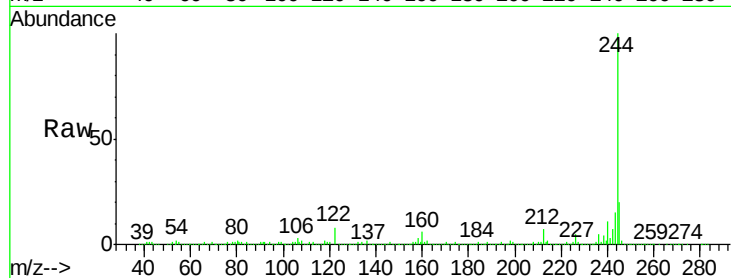
Tgt Ion:244 Resp: 1277937

Ion Ratio Lower Upper

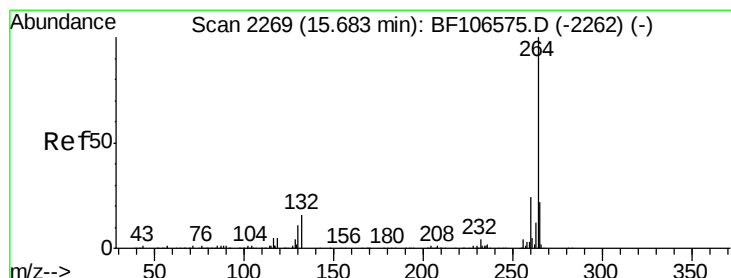
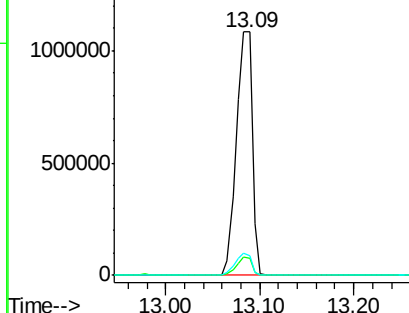
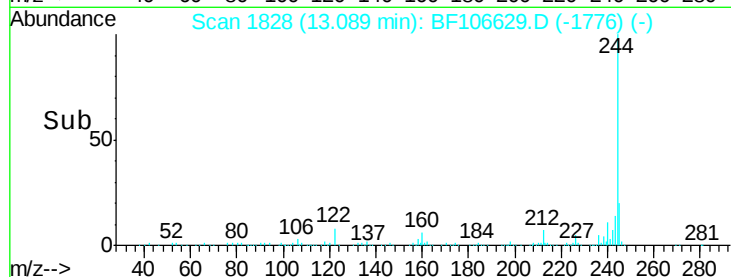
244 100

212 7.2 5.4 8.0

122 8.0 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: BF106629.D

Acq: 20 Jun 2018 19:39

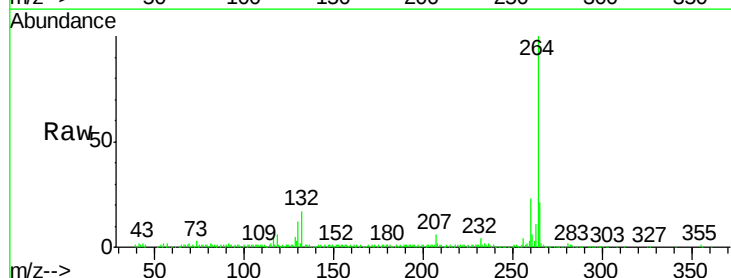
Tgt Ion:264 Resp: 300112

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 20.8 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

