

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062018\
 Data File : BF106627.D
 Acq On : 20 Jun 2018 18:45
 Operator : JU/SJ
 Sample : J3529-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-03

Quant Time: Jun 21 01:02:22 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

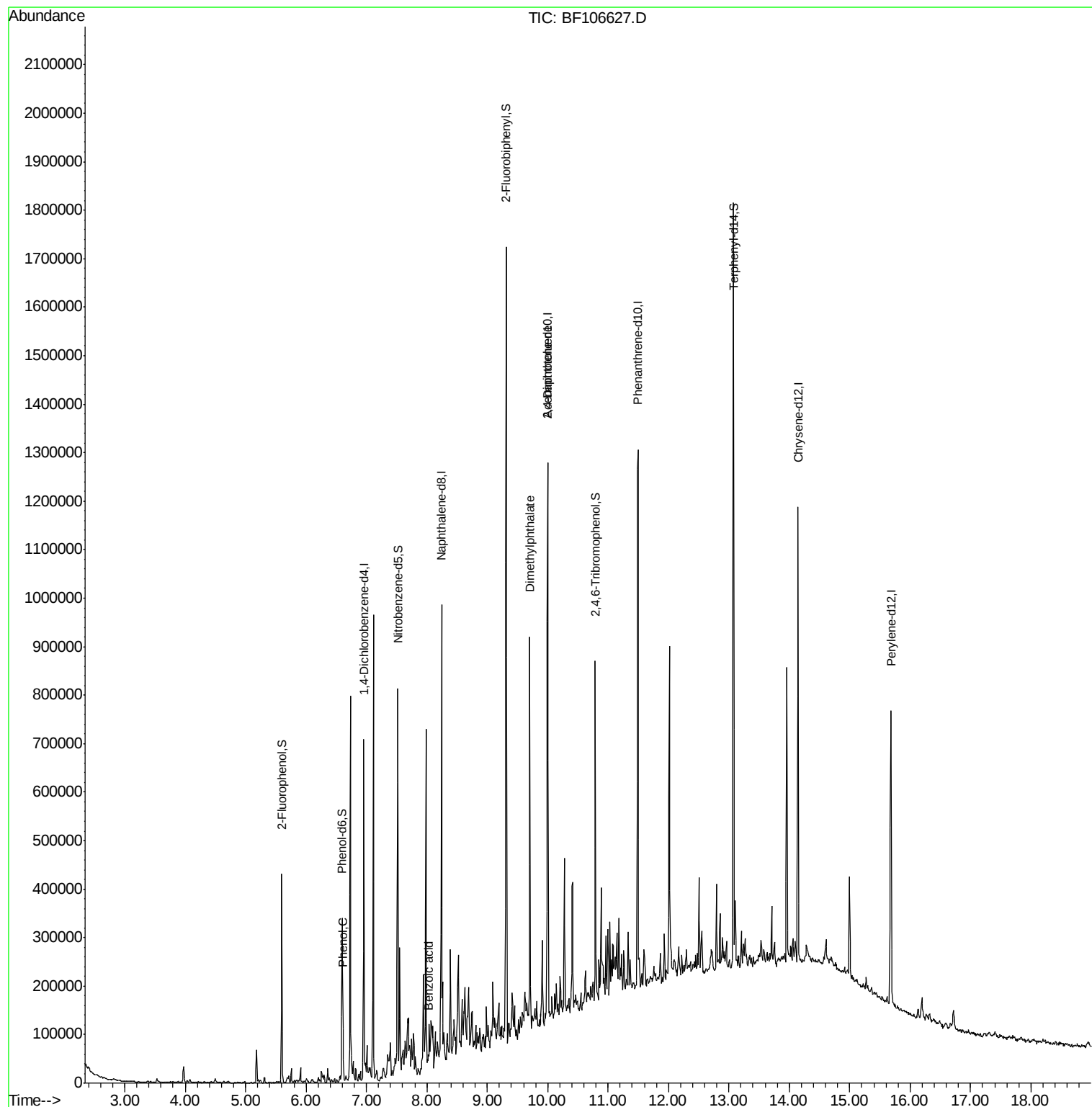
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	100159	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	409577	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	221668	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	451839	20.00	ng	0.00
75) Chrysene-d12	14.14	240	339180	20.00	ng	-0.01
86) Perylene-d12	15.68	264	309146	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	111634	18.87	ng	0.00
7) Phenol-d6	6.60	99	99429	13.46	ng	-0.01
23) Nitrobenzene-d5	7.52	82	240139	32.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	88749	34.54	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	468826	25.47	ng	-0.01
78) Terphenyl-d14	13.08	244	608385	43.45	ng	0.00
Target Compounds						
10) Phenol	6.61	94	32028	3.799	ng	98
20) 3+4-Methylphenols	7.37	107	258	Below Cal	#	1
32) Benzoic acid	8.02	122	2870	6.364	ng	# 16
49) Dimethylphthalate	9.71	163	315152	18.956	ng	98
56) 2,4-Dinitrotoluene	10.00	165	29594	6.440	ng	# 25

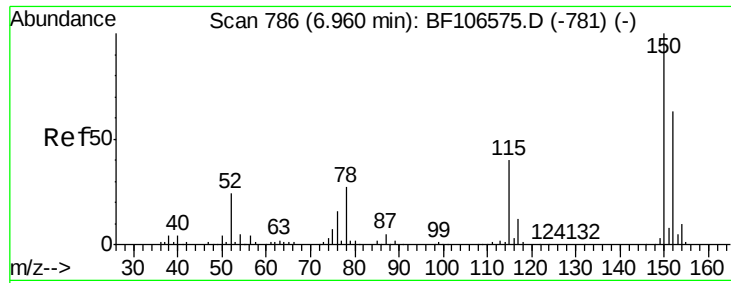
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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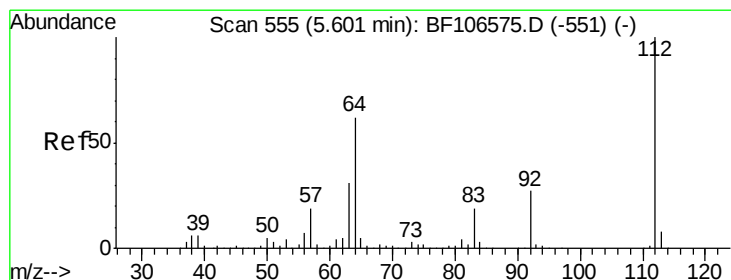
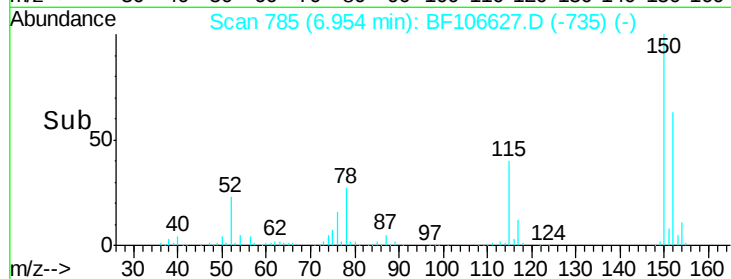
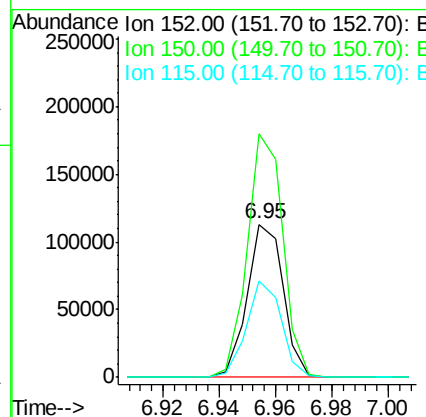
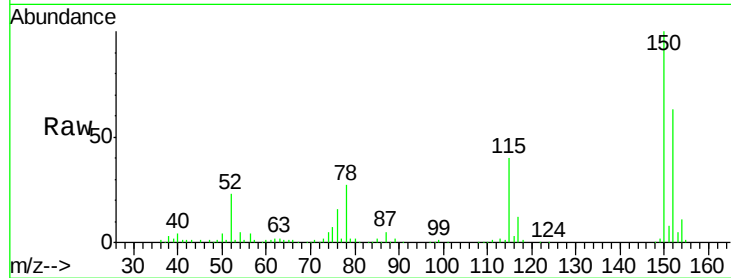




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF106627.D
 Acq: 20 Jun 2018 18:45

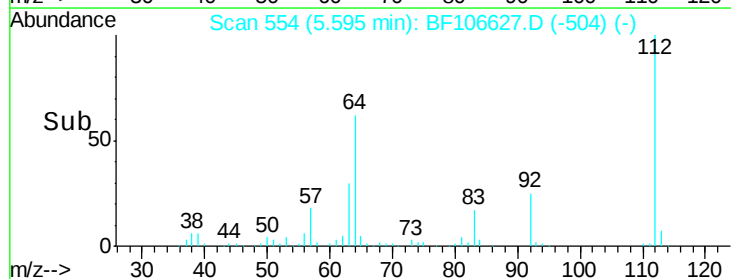
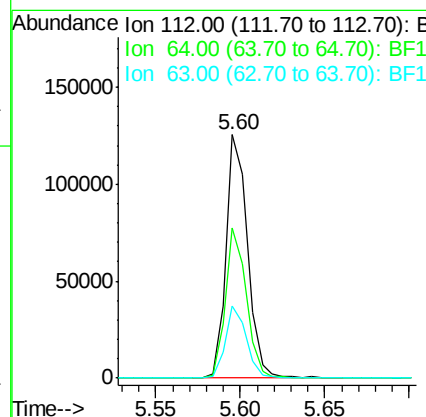
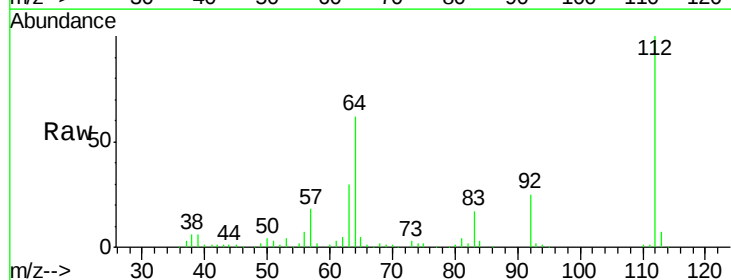
Instrument :
 BNA_F
 ClientSampleId :
 TPTW-03

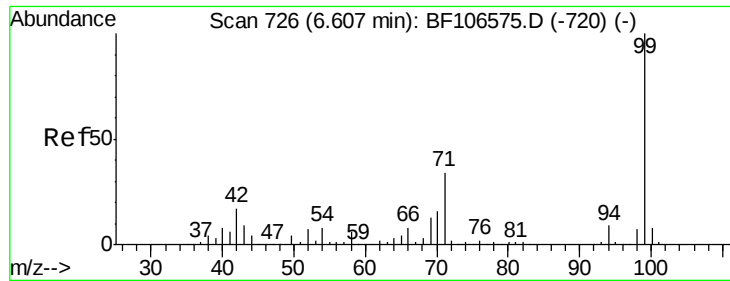
Tgt Ion:152 Resp: 100159
 Ion Ratio Lower Upper
 152 100
 150 159.1 124.6 186.8
 115 62.8 50.1 75.1



#5
 2-Fluorophenol
 Concen: 18.873 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF106627.D
 Acq: 20 Jun 2018 18:45

Tgt Ion:112 Resp: 111634
 Ion Ratio Lower Upper
 112 100
 64 61.9 47.9 71.9
 63 29.6 23.7 35.5





#7

Phenol-d6

Concen: 13.461 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF106627.D

Acq: 20 Jun 2018 18:45

Instrument :

BNA_F

ClientSampleId :

TPTW-03

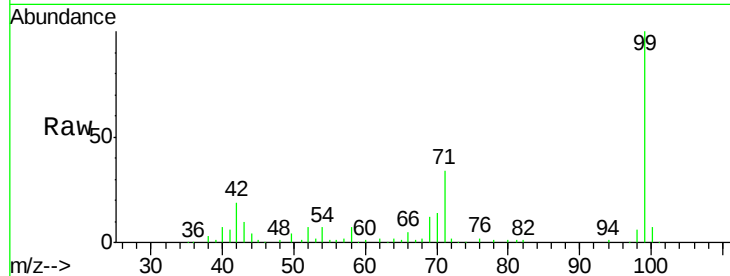
Tgt Ion: 99 Resp: 99429

Ion Ratio Lower Upper

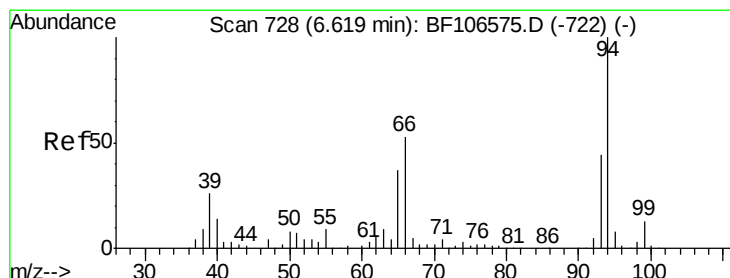
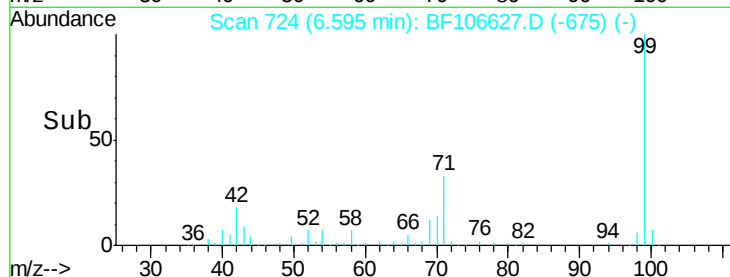
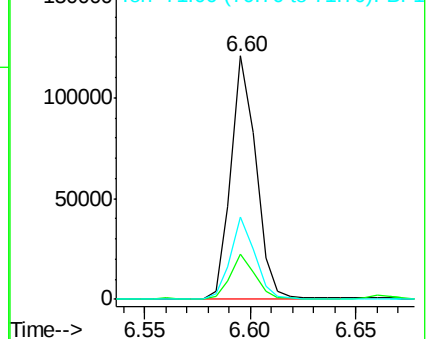
99 100

42 18.5 14.5 21.7

71 34.0 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: 3.799 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106627.D

Acq: 20 Jun 2018 18:45

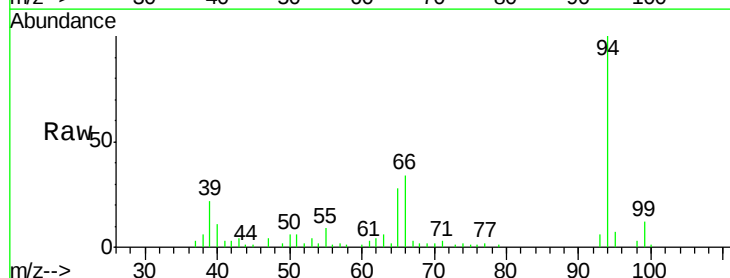
Tgt Ion: 94 Resp: 32028

Ion Ratio Lower Upper

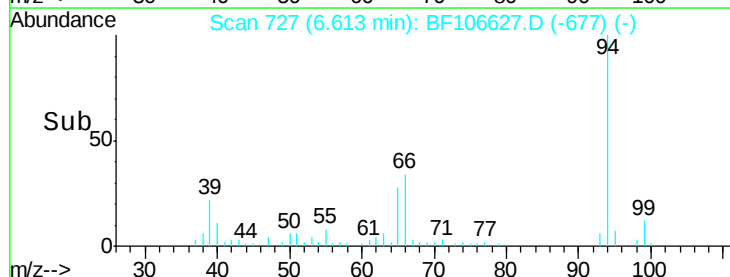
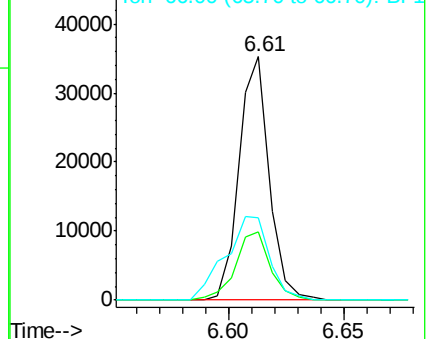
94 100

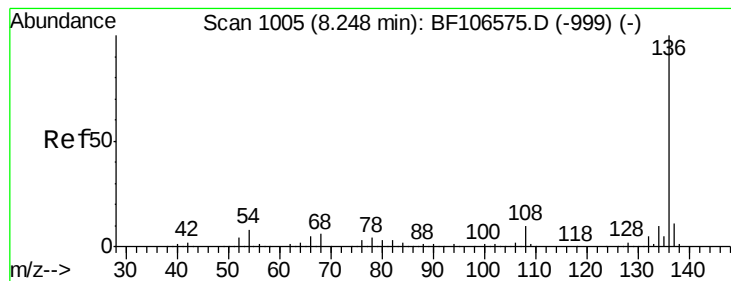
65 27.8 7.9 47.9

66 34.0 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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106627.D

Acq: 20 Jun 2018 18:45

Instrument :

BNA_F

ClientSampleId :

TPTW-03

Tgt Ion:136 Resp: 409577

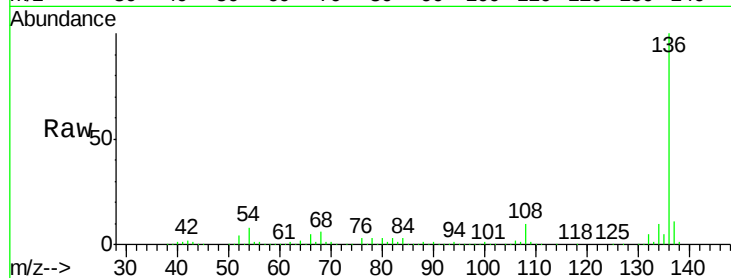
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.3 6.6 9.8

68 6.3 5.0 7.4

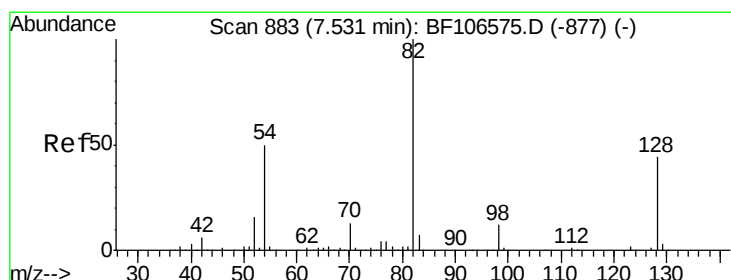
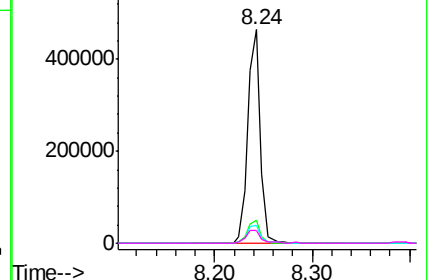
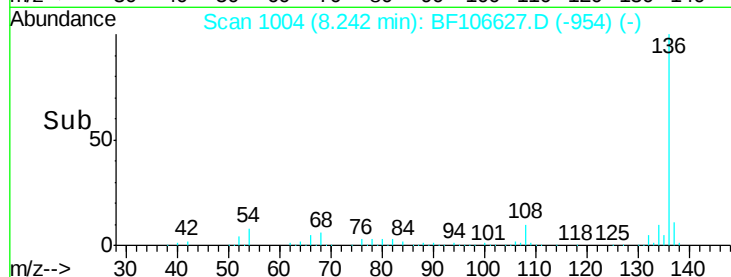


Abundance Ion 136.00 (135.70 to 136.70): E

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: 32.583 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF106627.D

Acq: 20 Jun 2018 18:45

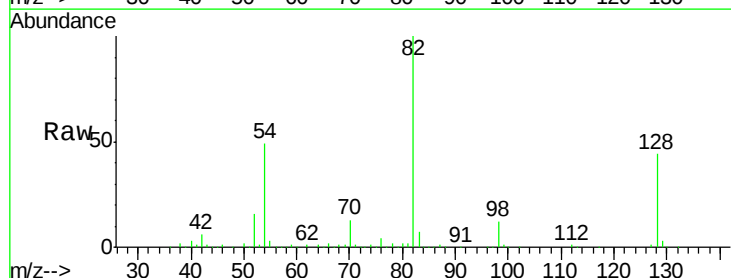
Tgt Ion: 82 Resp: 240139

Ion Ratio Lower Upper

82 100

128 44.3 36.1 54.1

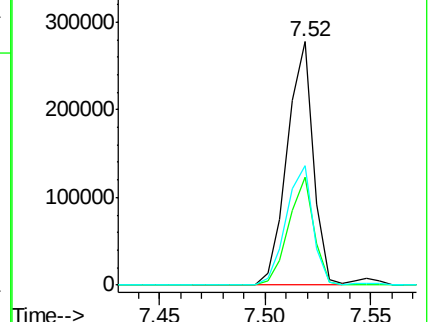
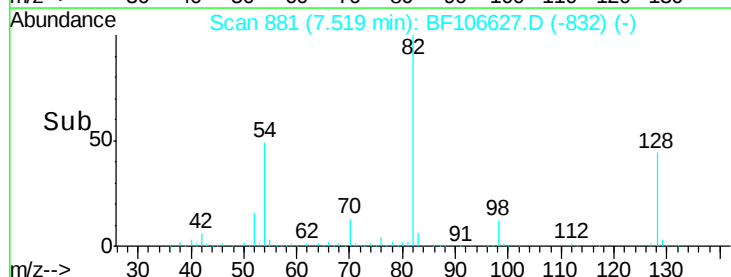
54 49.3 41.4 62.2

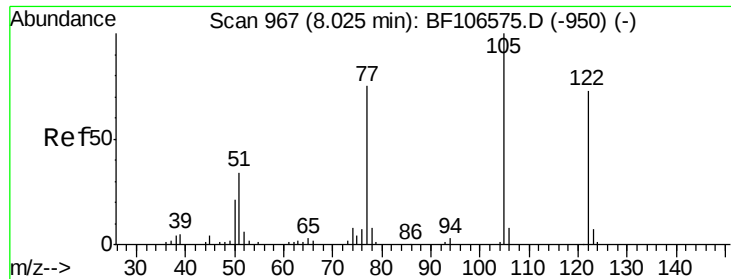


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

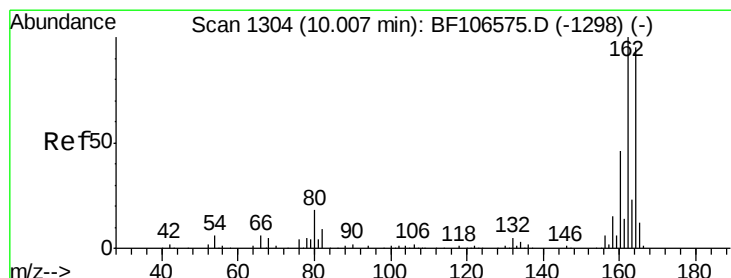
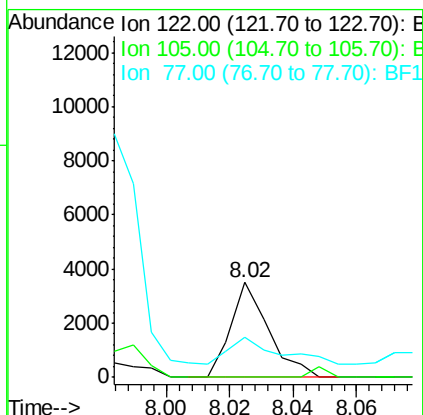
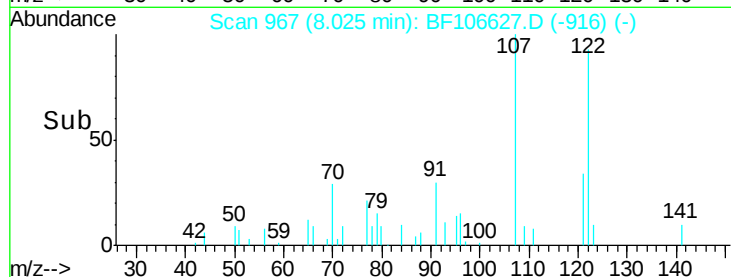
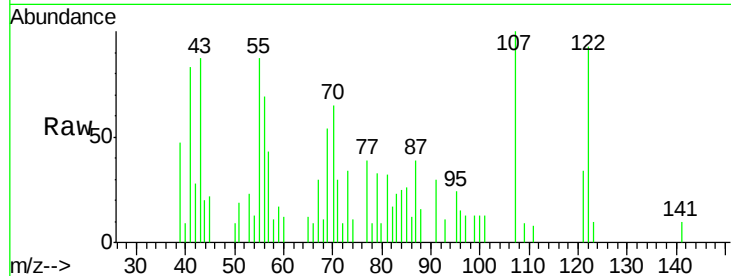




#32
Benzoic acid
Concen: 6.364 ng
RT: 8.02 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF106627.D
Acq: 20 Jun 2018 18:45

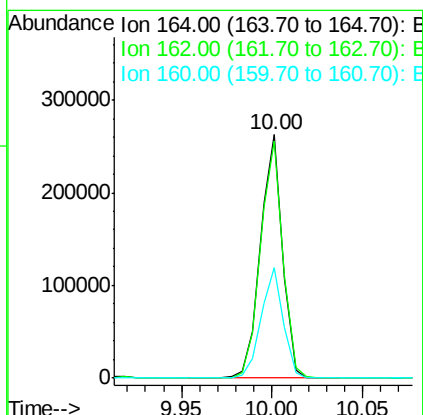
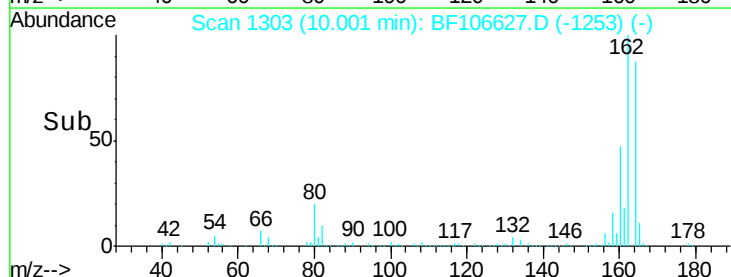
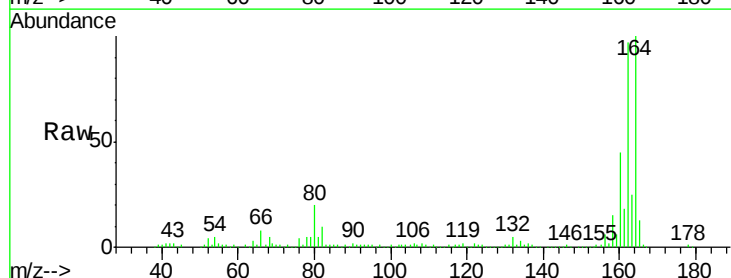
Instrument :
BNA_F
ClientSampleId :
TPTW-03

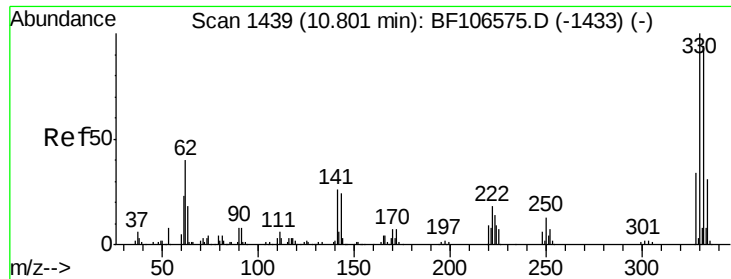
Tgt Ion:122 Resp: 2870
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 41.6 70.7 110.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106627.D
Acq: 20 Jun 2018 18:45

Tgt Ion:164 Resp: 221668
Ion Ratio Lower Upper
164 100
162 97.4 86.1 129.1
160 45.4 38.3 57.5

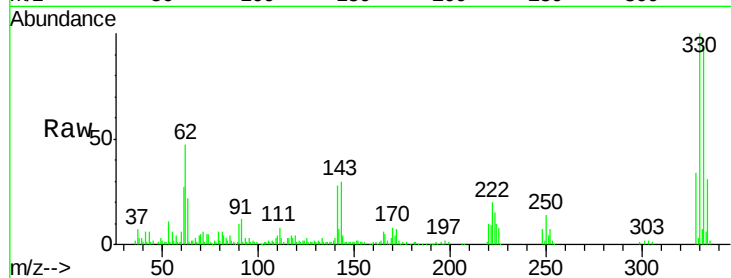




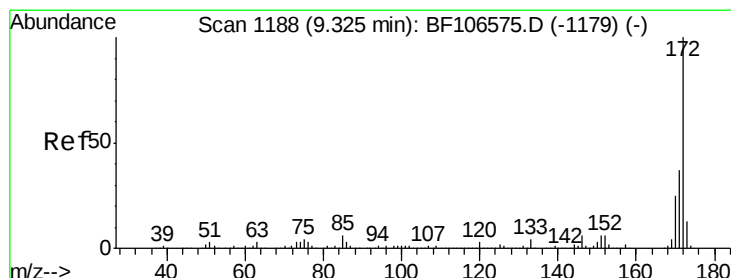
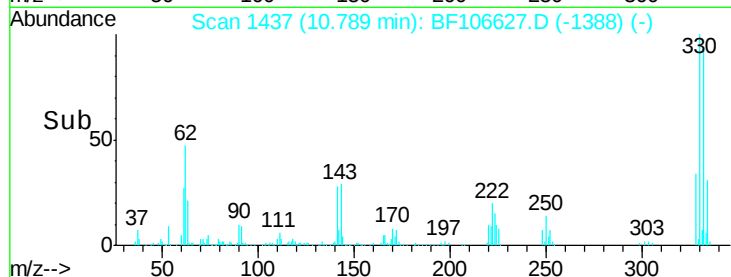
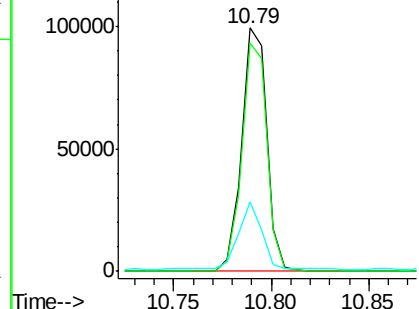
#41
 2,4,6-Tribromophenol
 Concen: 34.544 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106627.D
 Acq: 20 Jun 2018 18:45

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-03

Tgt Ion: 330 Resp: 88749
 Ion Ratio Lower Upper
 330 100
 332 93.3 77.0 115.6
 141 26.2 29.9 44.9#

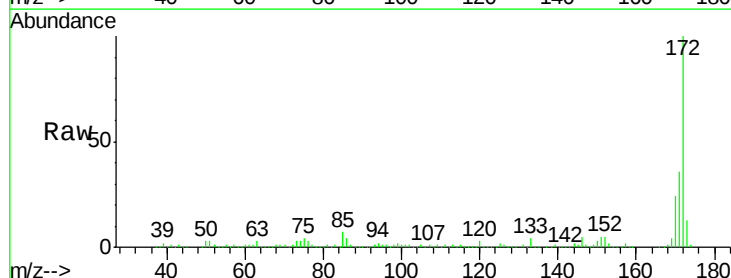


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

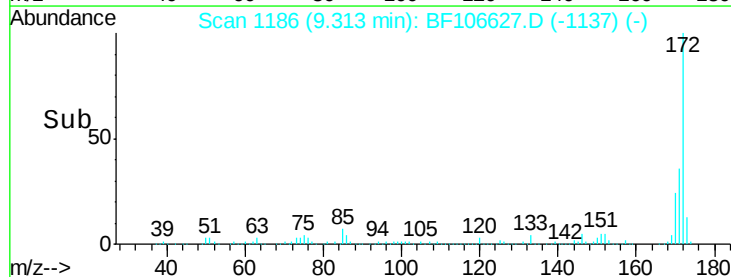
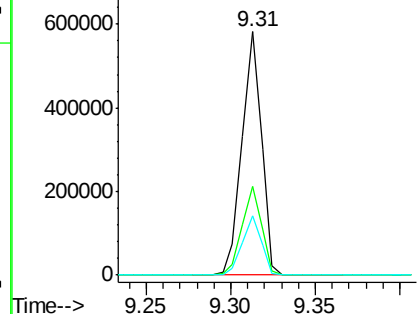


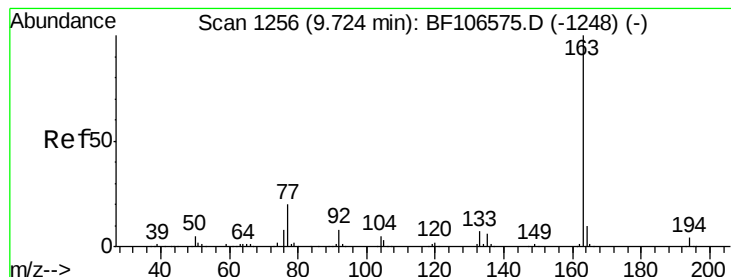
#44
 2-Fluorobiphenyl
 Concen: 25.467 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106627.D
 Acq: 20 Jun 2018 18:45

Tgt Ion: 172 Resp: 468826
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.4 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: 18.956 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106627.D

Acq: 20 Jun 2018 18:45

Instrument :

BNA_F

ClientSampleId :

TPTW-03

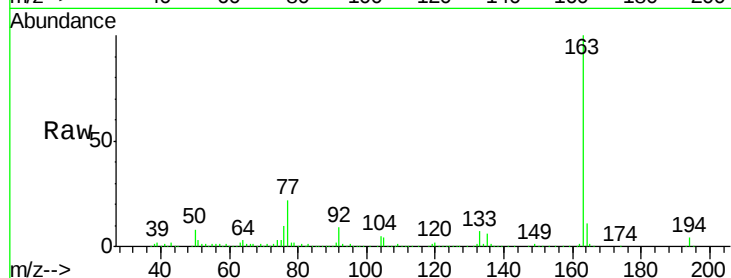
Tgt Ion:163 Resp: 315152

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

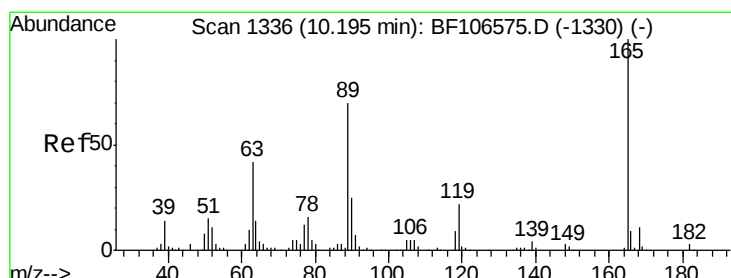
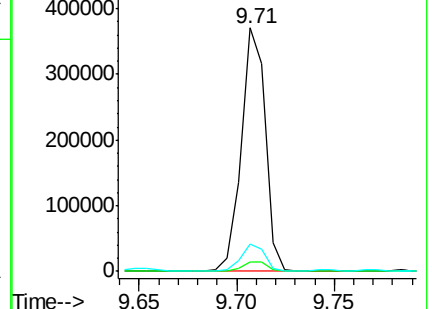
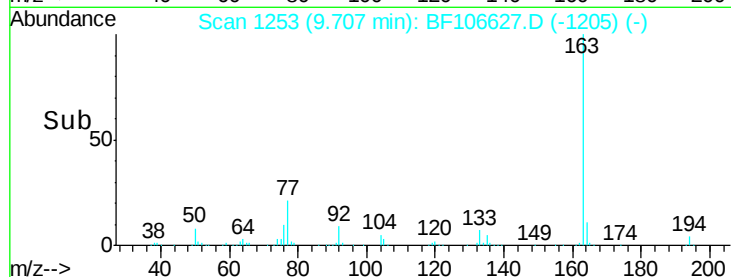
164 11.2 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 6.440 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.19 min

Lab File: BF106627.D

Acq: 20 Jun 2018 18:45

Tgt Ion:165 Resp: 29594

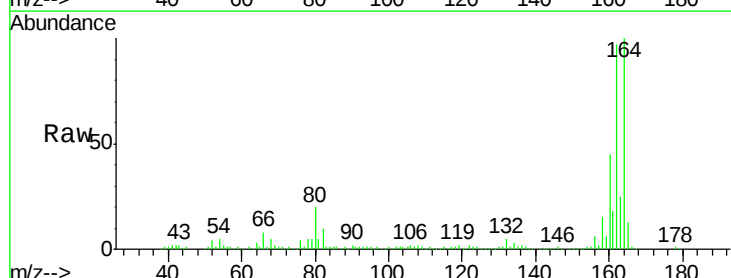
Ion Ratio Lower Upper

165 100

63 3.4 36.4 54.6#

89 2.5 57.8 86.6#

182 0.0 1.6 2.4#

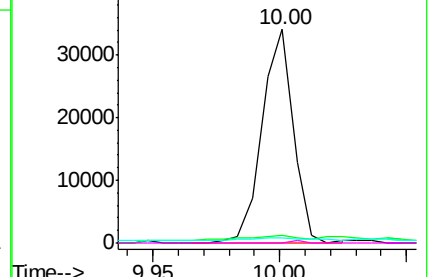
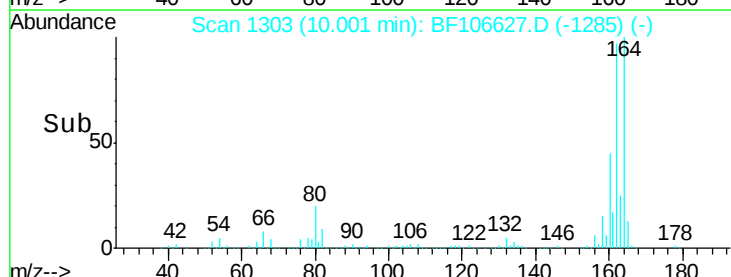


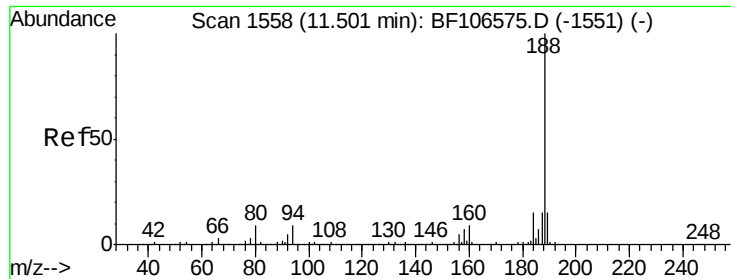
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

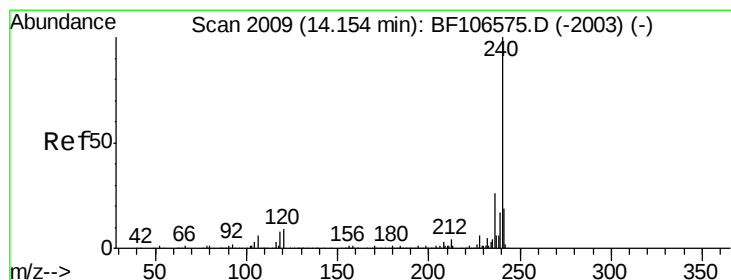
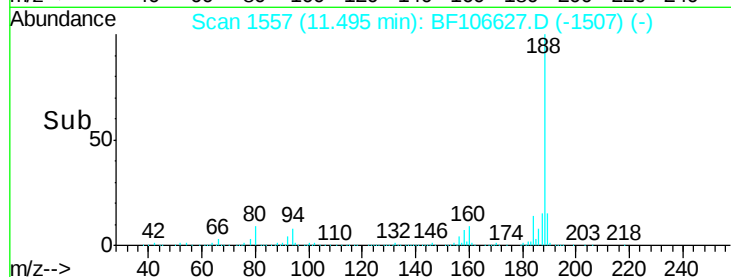
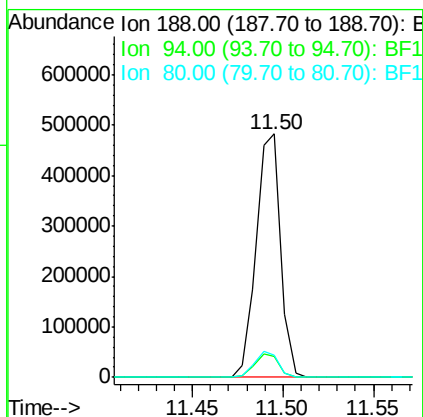
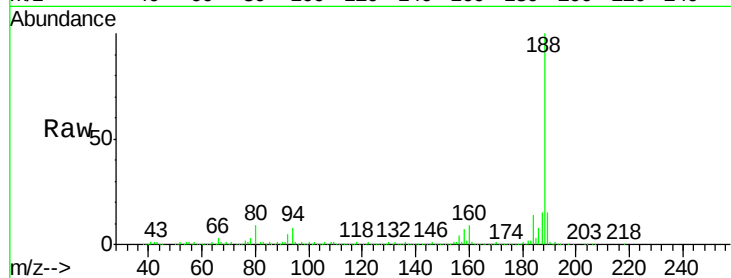




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106627.D
Acq: 20 Jun 2018 18:45

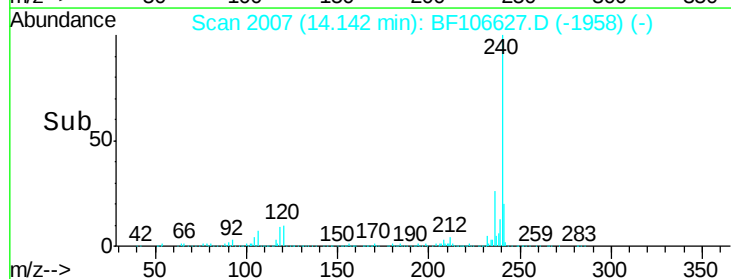
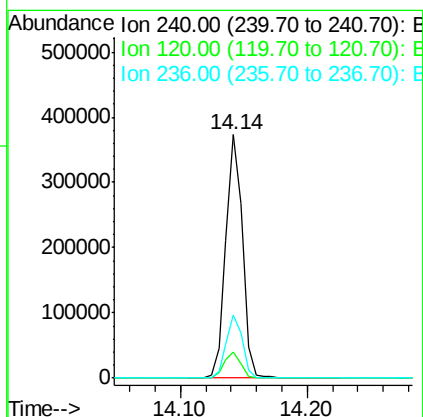
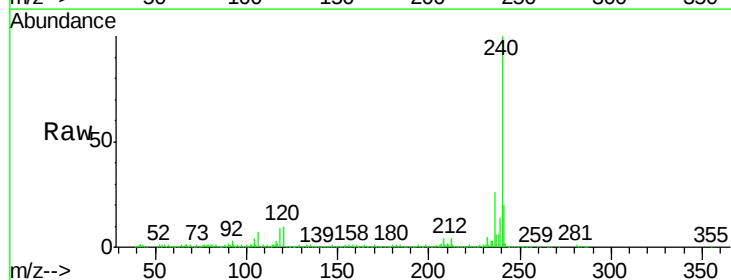
Instrument :
BNA_F
ClientSampleId :
TPTW-03

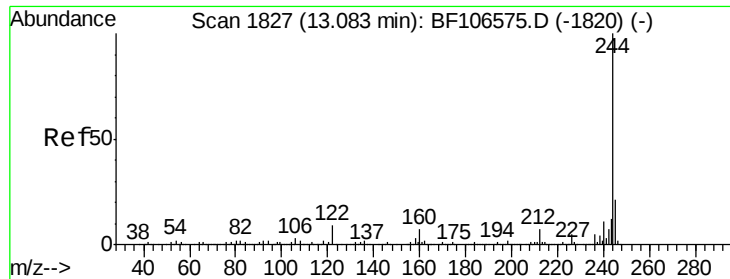
Tgt Ion:188 Resp: 451839
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 9.0 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106627.D
Acq: 20 Jun 2018 18:45

Tgt Ion:240 Resp: 339180
Ion Ratio Lower Upper
240 100
120 10.5 9.5 14.3
236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 43.449 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106627.D

Acq: 20 Jun 2018 18:45

Instrument :

BNA_F

ClientSampleId :

TPTW-03

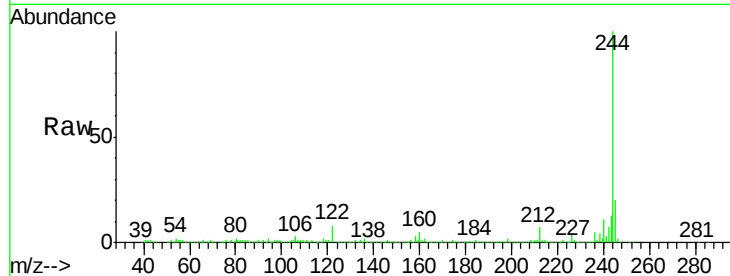
Tgt Ion:244 Resp: 608385

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

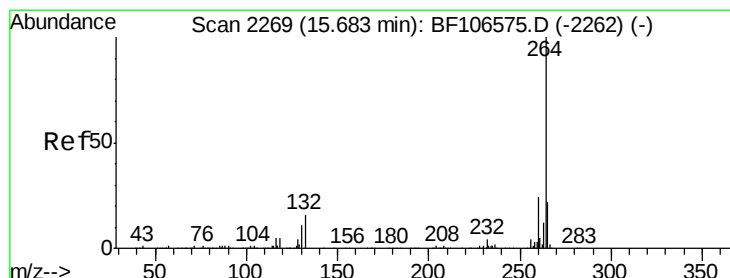
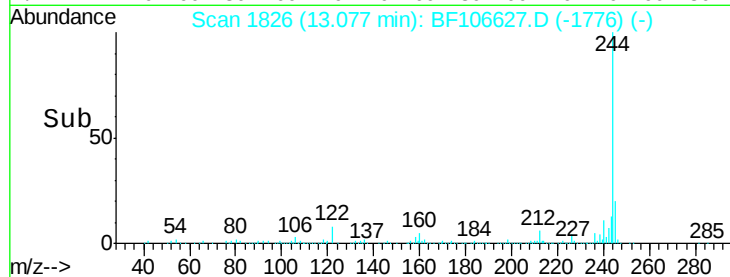
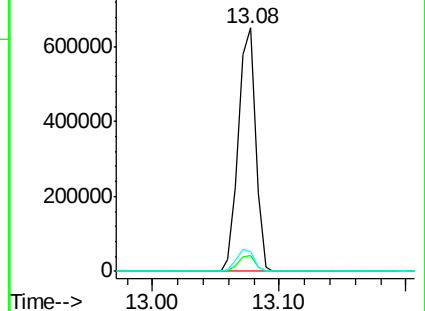
122 8.3 11.0 16.4#



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: 15.68 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BF106627.D

Acq: 20 Jun 2018 18:45

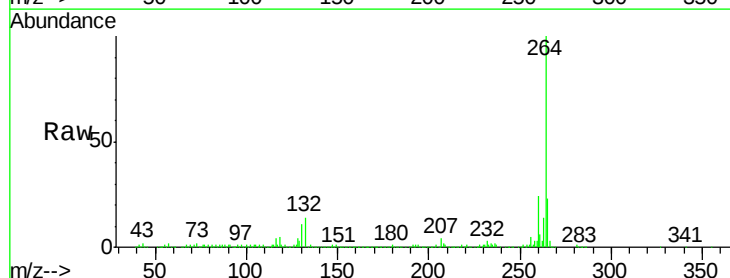
Tgt Ion:264 Resp: 309146

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 22.7 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

