

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
 Data File : BF106837.D
 Acq On : 26 Jun 2018 21:39
 Operator : JU/SJ
 Sample : J3570-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20180372-COMPOSITE-CS-1B

Quant Time: Jun 27 02:35:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

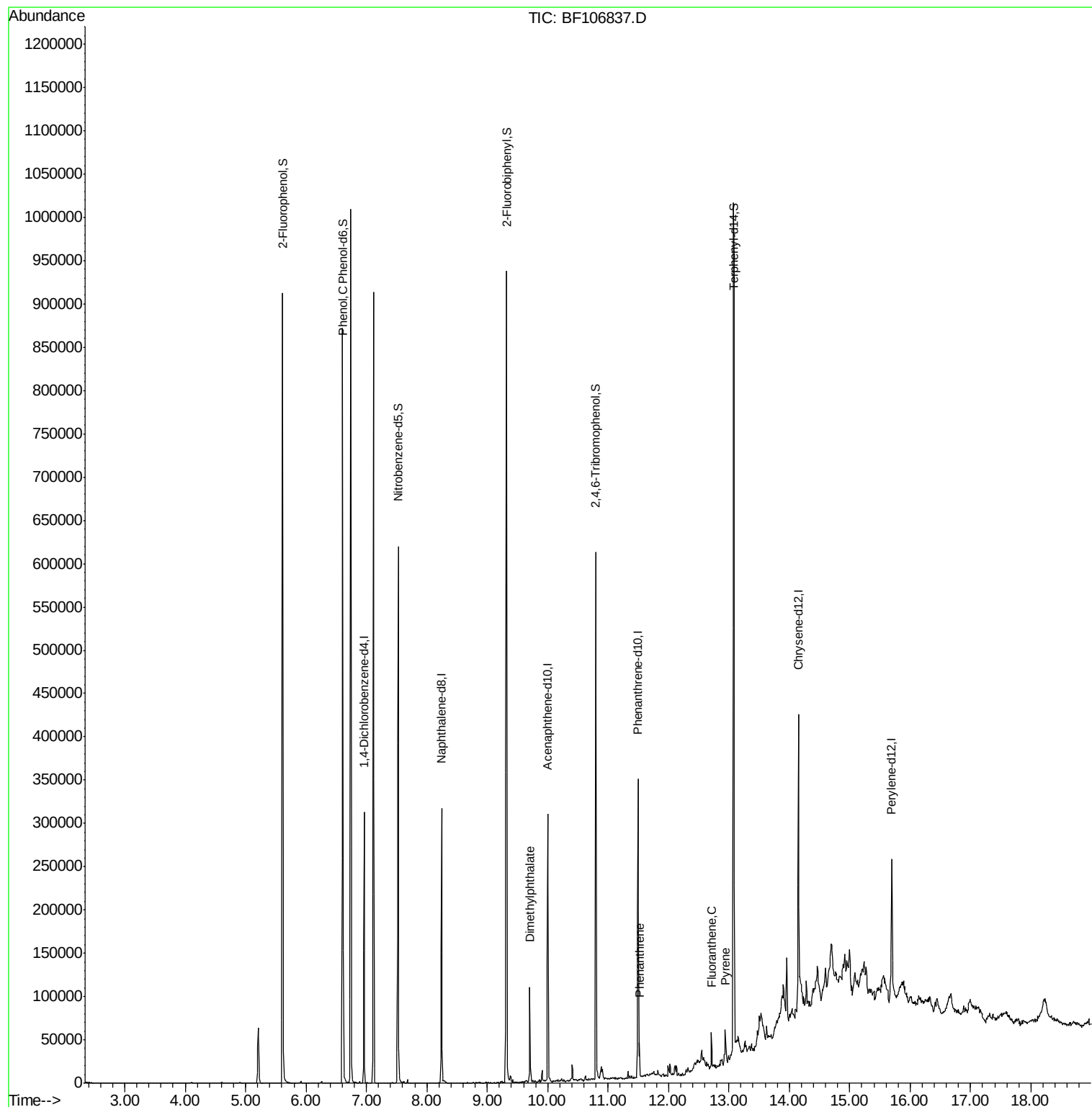
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	41287	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	144721	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	62663	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	124373	20.00	ng	0.00
75) Chrysene-d12	14.15	240	122893	20.00	ng	-0.01
86) Perylene-d12	15.70	264	83162	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	286696	117.58	ng	0.01
7) Phenol-d6	6.61	99	356075	116.94	ng	0.00
23) Nitrobenzene-d5	7.52	82	220016	84.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	88092	121.29	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	337540	92.47	ng	0.00
78) Terphenyl-d14	13.08	244	383832	75.66	ng	0.00
Target Compounds						
10) Phenol	6.62	94	8253	2.375	ng	82
49) Dimethylphthalate	9.71	163	45865	9.759	ng	# 98
70) Phenanthrene	11.52	178	14474	2.413	ng	97
74) Fluoranthene	12.71	202	14104	2.133	ng	96
77) Pyrene	12.94	202	16513	2.038	ng	98

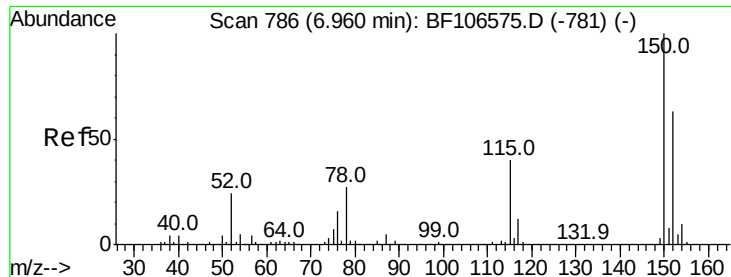
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



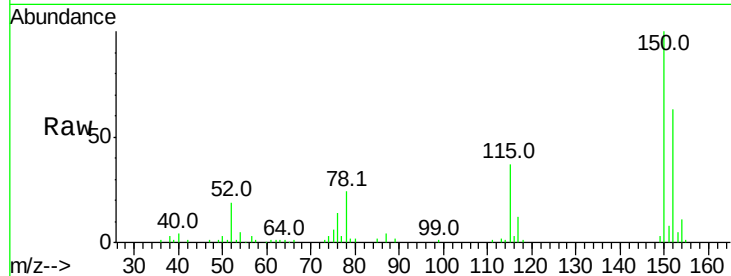


#1

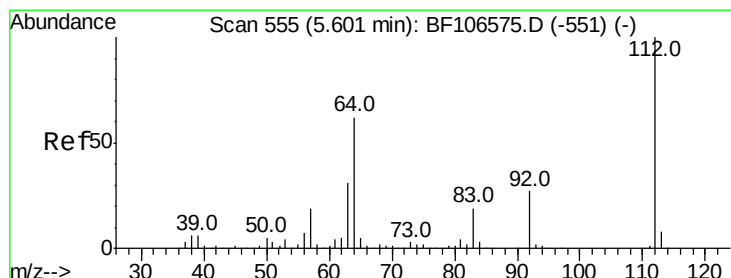
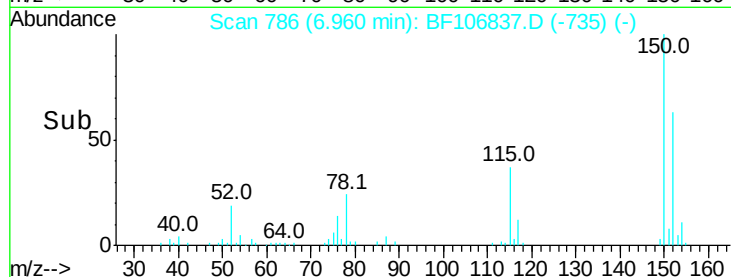
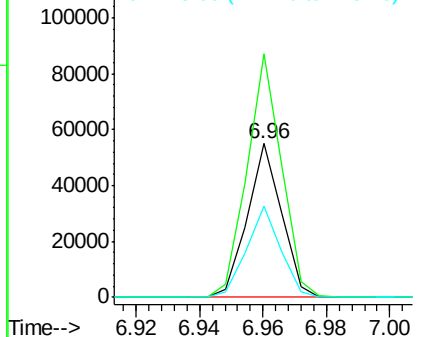
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106837.D
Acq: 26 Jun 2018 21:39

Instrument :
BNA_F
ClientSampleId :
20180372-COMPOSITE-CS-1B

Tot Ion:152 Resp: 41287
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 59.4 50.1 75.1



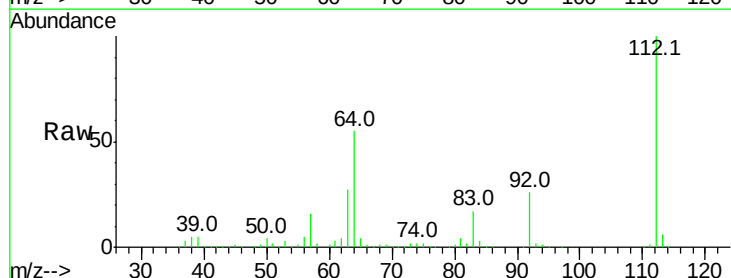
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



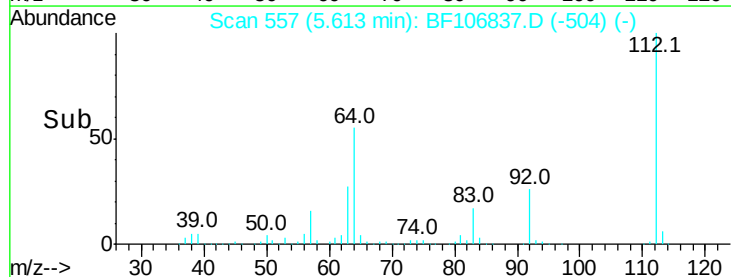
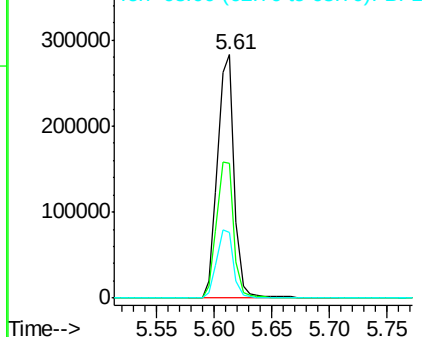
#5

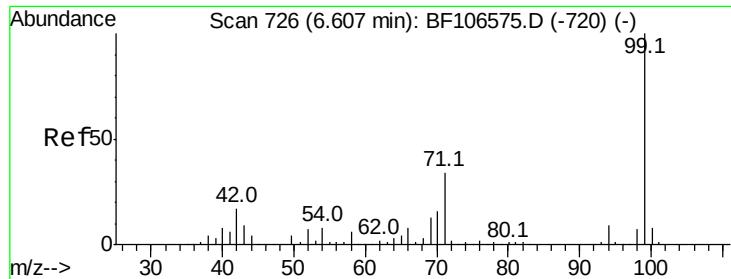
2-Fluorophenol
Concen: 117.584 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF106837.D
Acq: 26 Jun 2018 21:39

Tgt Ion:112 Resp: 286696
Ion Ratio Lower Upper
112 100
64 55.2 47.9 71.9
63 27.2 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: 116.942 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106837.D

Acq: 26 Jun 2018 21:39

Instrument :

BNA_F

ClientSampleId :

20180372-COMPOSITE-CS-1B

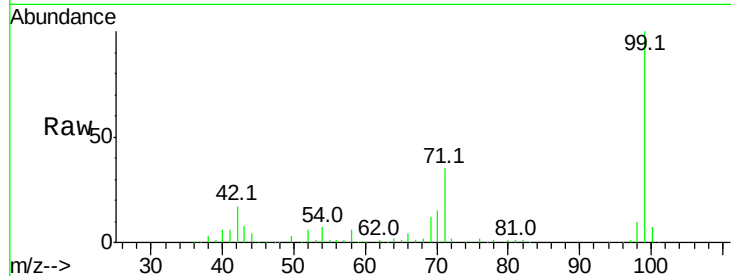
Tot Ion: 99 Resp: 356075

Ion Ratio Lower Upper

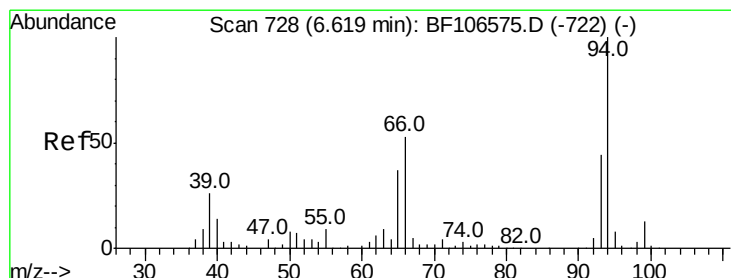
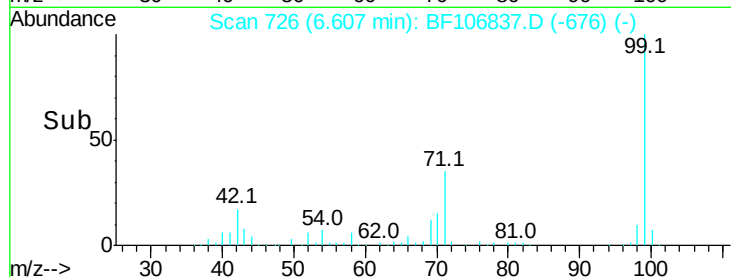
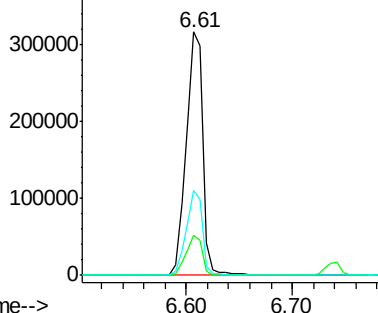
99 100

42 16.7 14.5 21.7

71 34.8 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: 2.375 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF106837.D

Acq: 26 Jun 2018 21:39

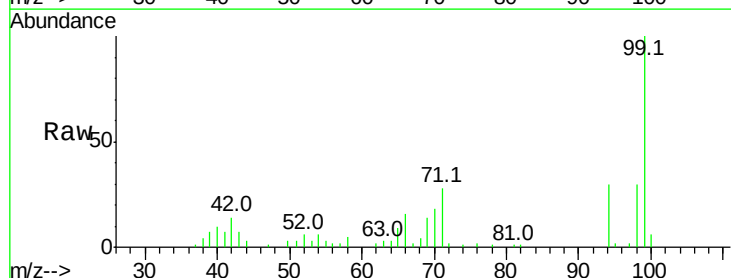
Tgt Ion: 94 Resp: 8253

Ion Ratio Lower Upper

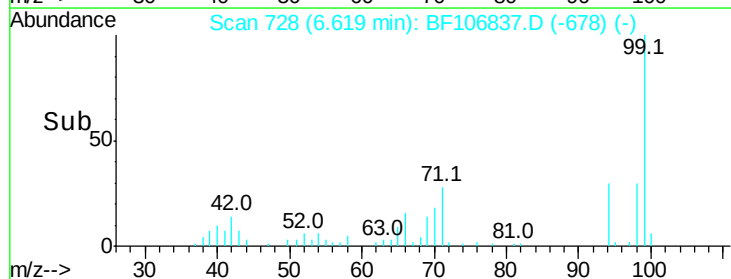
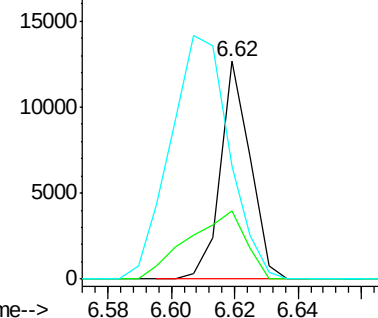
94 100

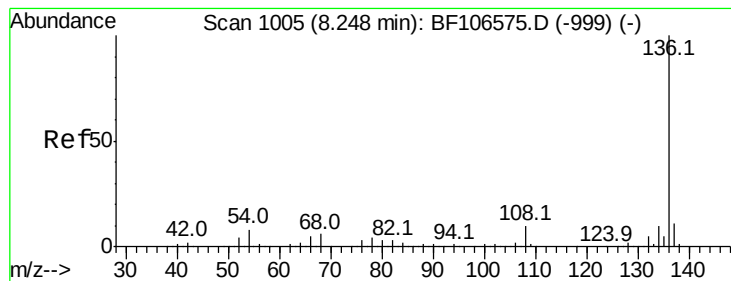
65 31.1 7.9 47.9

66 52.1 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: BF106837.D

Acq: 26 Jun 2018 21:39

Instrument :

BNA_F

ClientSampleId :

20180372-COMPOSITE-CS-1B

Tot Ion:136 Resp: 144721

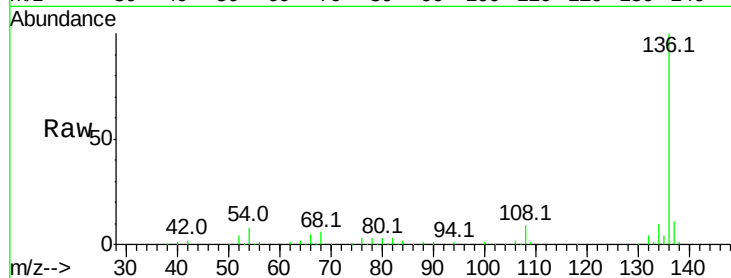
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.5 6.6 9.8

68 6.1 5.0 7.4

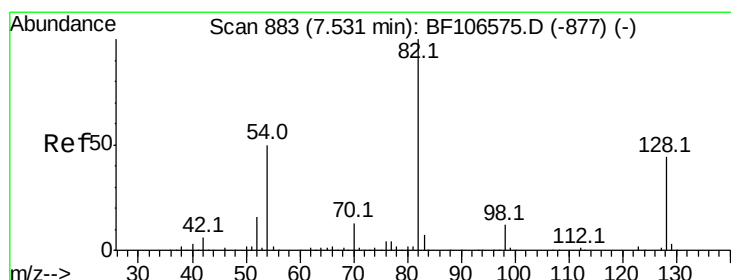
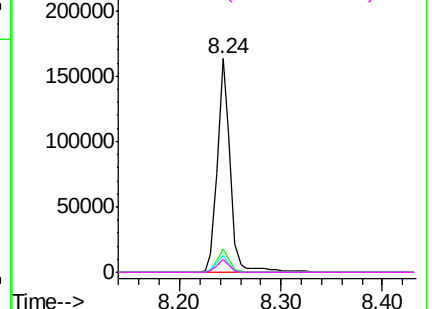
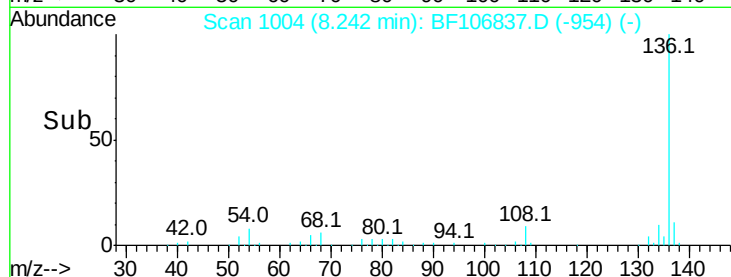


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.487 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106837.D

Acq: 26 Jun 2018 21:39

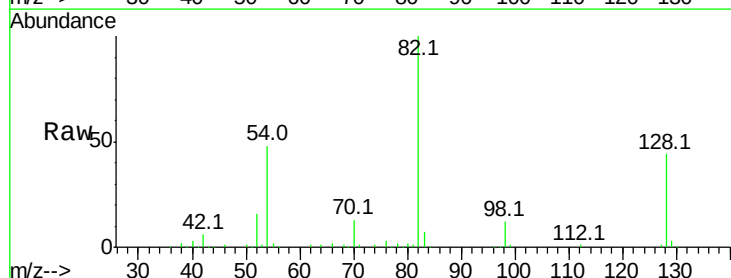
Tgt Ion: 82 Resp: 220016

Ion Ratio Lower Upper

82 100

128 43.9 36.1 54.1

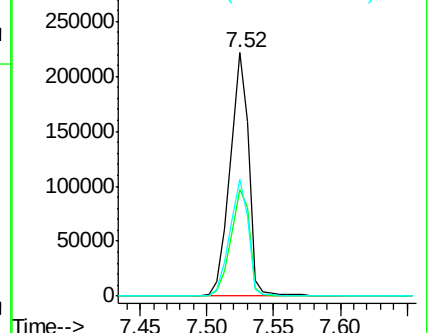
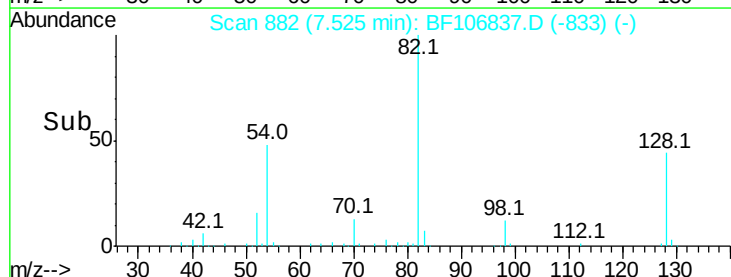
54 48.1 41.4 62.2

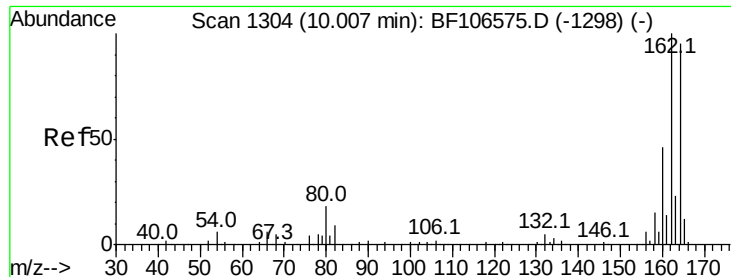


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106837.D

Acq: 26 Jun 2018 21:39

Instrument :

BNA_F

ClientSampleId :

20180372-COMPOSITE-CS-1B

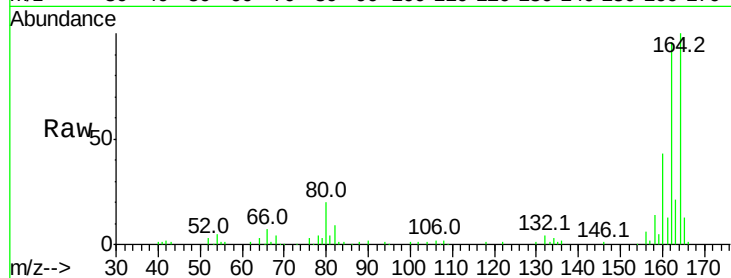
Tot Ion:164 Resp: 62663

Ion Ratio Lower Upper

164 100

162 95.7 86.1 129.1

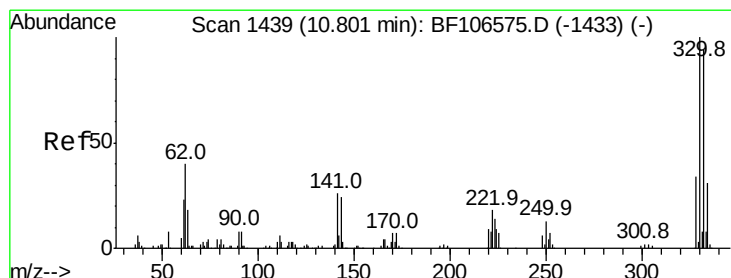
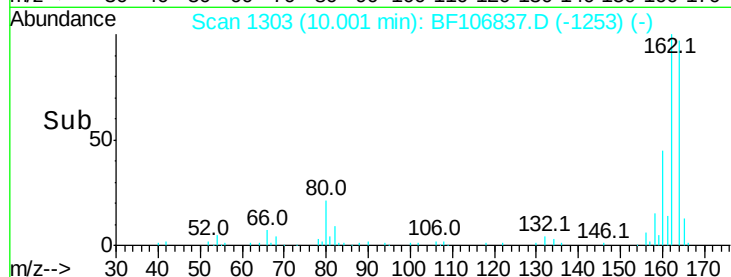
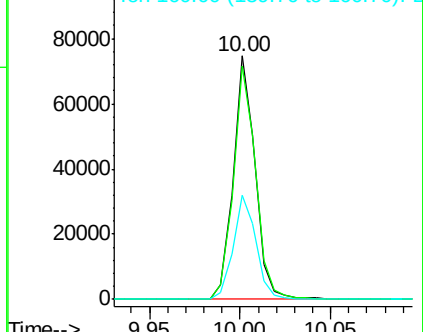
160 42.5 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 121.292 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106837.D

Acq: 26 Jun 2018 21:39

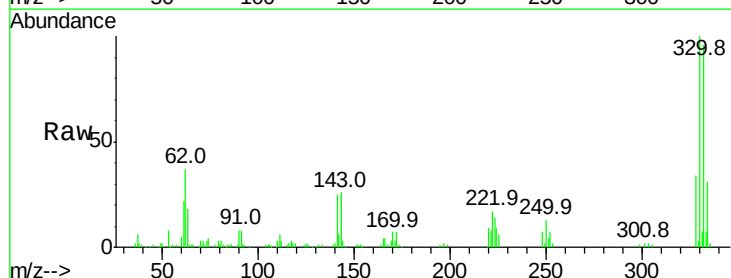
Tgt Ion:330 Resp: 88092

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

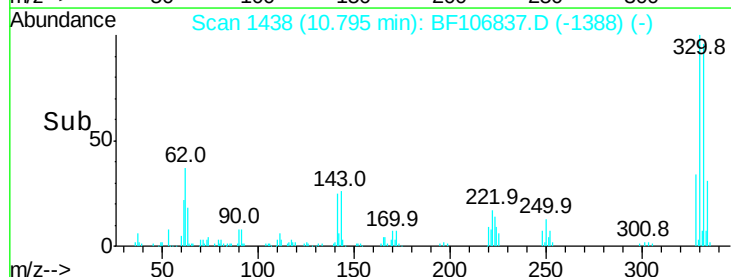
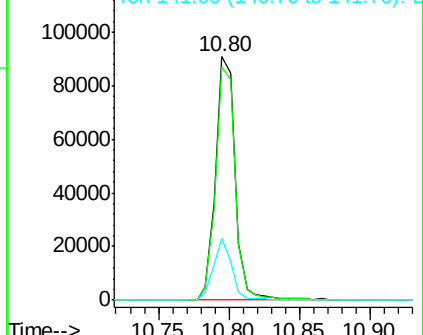
141 23.2 29.9 44.9#

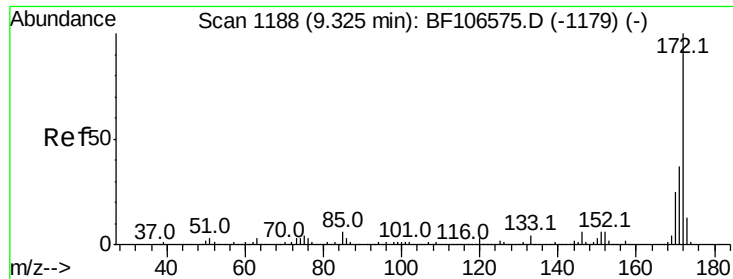


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



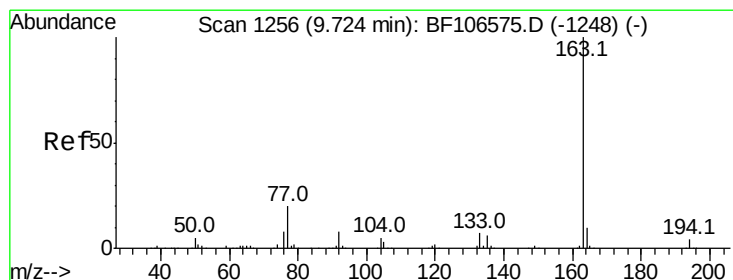
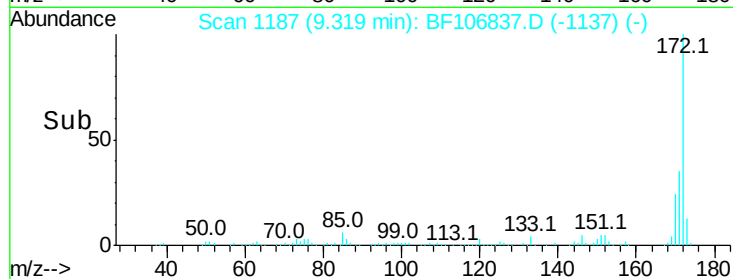
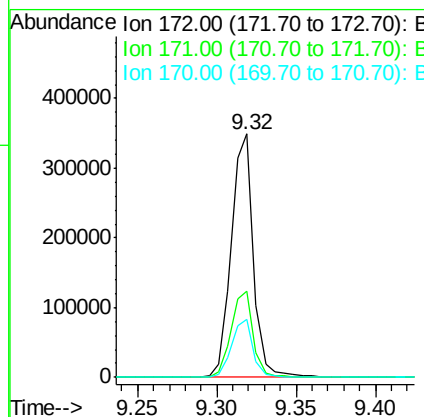
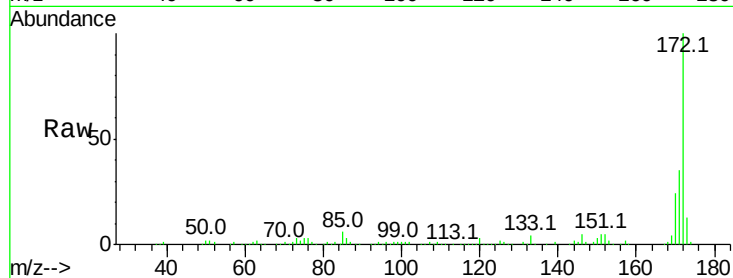


#44
 2-Fluorobiphenyl
 Concen: 92.471 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106837.D
 Acq: 26 Jun 2018 21:39

Instrument :
 BNA_F
 ClientSampleId :
 20180372-COMPOSITE-CS-1B

Tot Ion:172 Resp: 337540

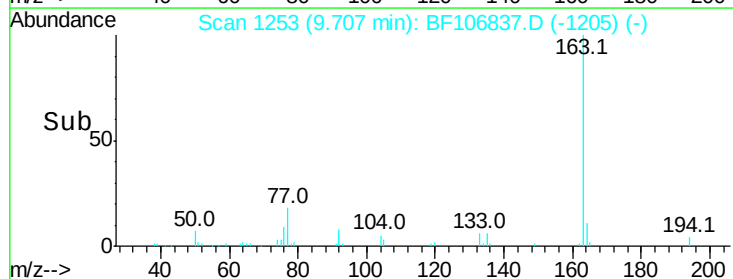
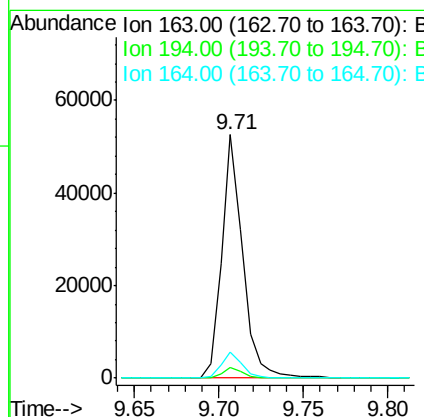
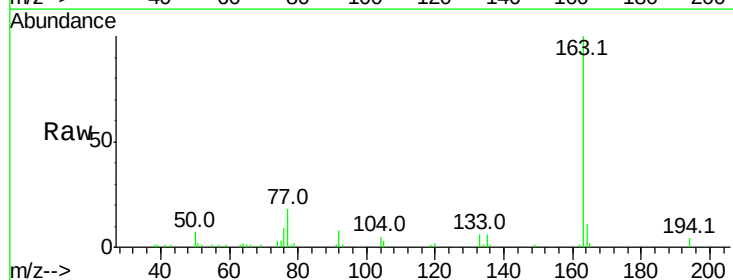
Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.7	19.6	29.4

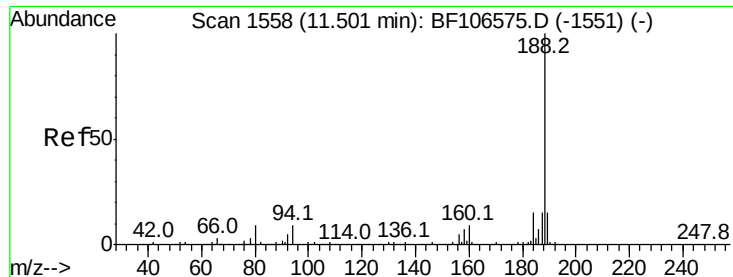


#49
 Dimethylphthalate
 Concen: 9.759 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF106837.D
 Acq: 26 Jun 2018 21:39

Tgt Ion:163 Resp: 45865

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.9	8.2	12.2

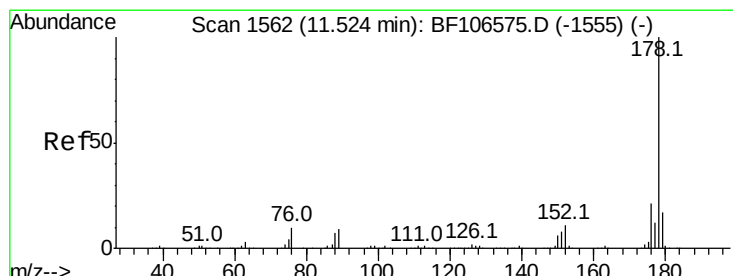
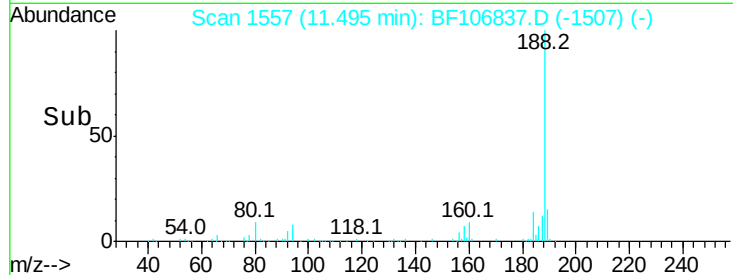
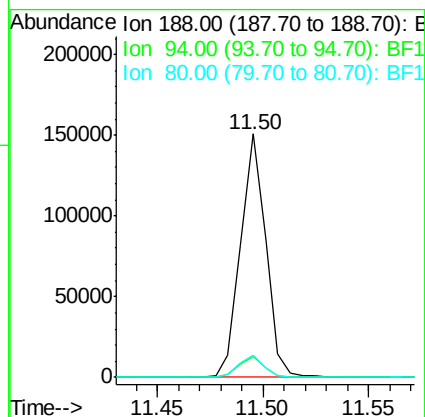
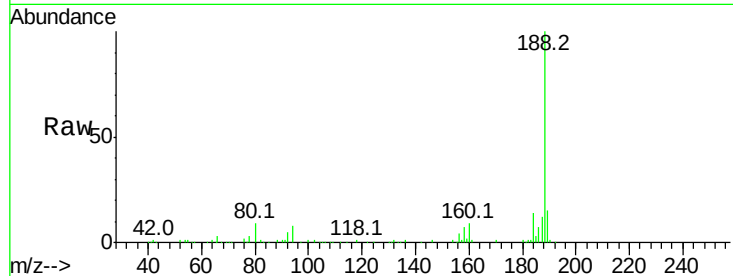




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106837.D
Acq: 26 Jun 2018 21:39

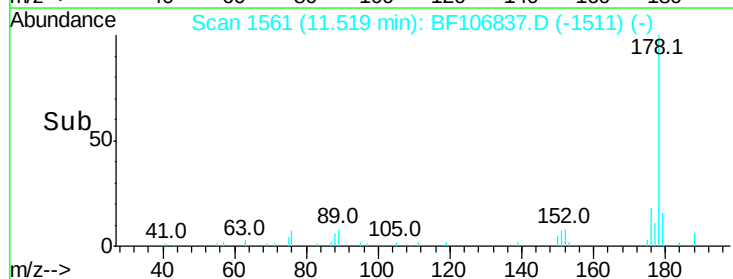
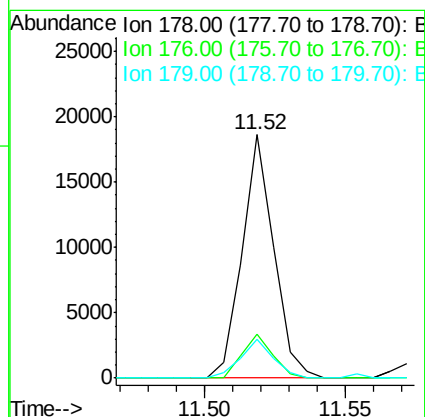
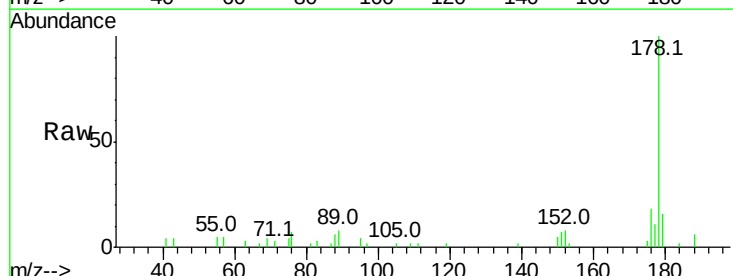
Instrument :
BNA_F
ClientSampleId :
20180372-COMPOSITE-CS-1B

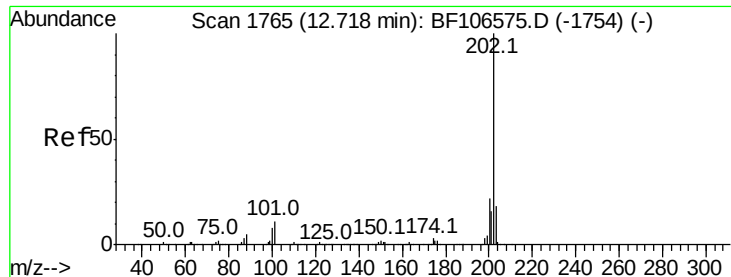
Tot Ion:188 Resp: 124373
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 9.3 9.2 13.8



#70
Phenanthrene
Concen: 2.413 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106837.D
Acq: 26 Jun 2018 21:39

Tgt Ion:178 Resp: 14474
Ion Ratio Lower Upper
178 100
176 18.2 15.8 23.8
179 15.7 13.0 19.6





#74

Fluoranthene

Concen: 2.133 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF106837.D

Acq: 26 Jun 2018 21:39

Instrument :

BNA_F

ClientSampleId :

20180372-COMPOSITE-CS-1B

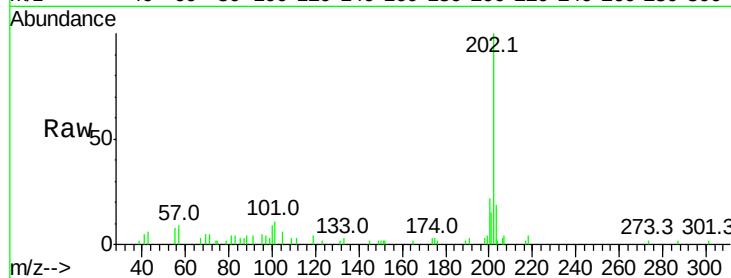
Tot Ion:202 Resp: 14104

Ion Ratio Lower Upper

202 100

101 11.3 0.0 34.1

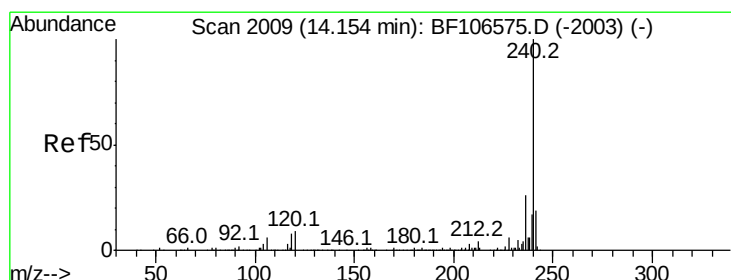
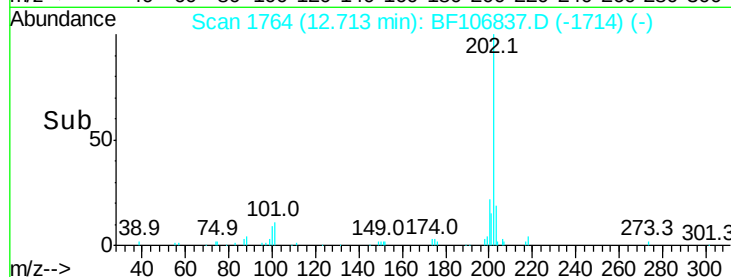
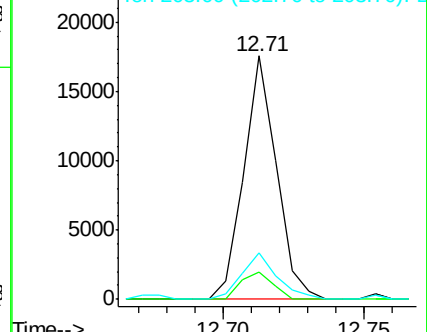
203 18.9 0.0 38.1



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. -0.01 min

Lab File: BF106837.D

Acq: 26 Jun 2018 21:39

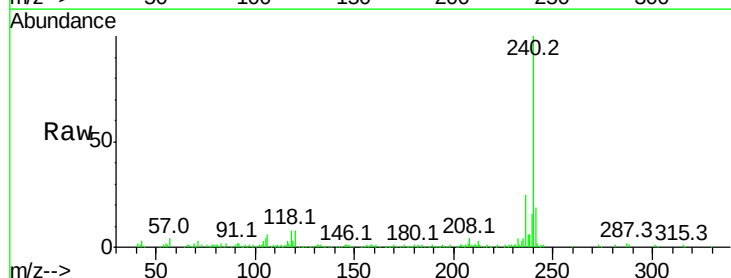
Tgt Ion:240 Resp: 122893

Ion Ratio Lower Upper

240 100

120 8.1 9.5 14.3#

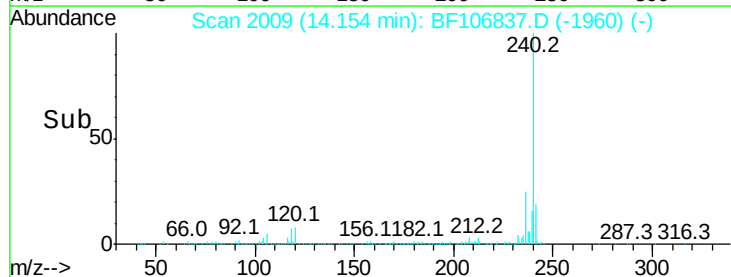
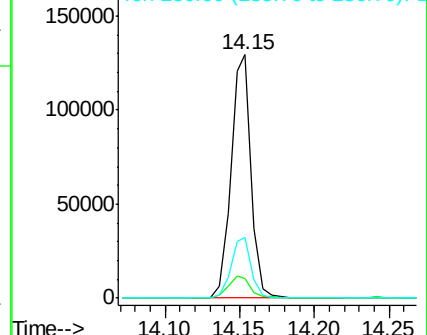
236 25.0 20.7 31.1

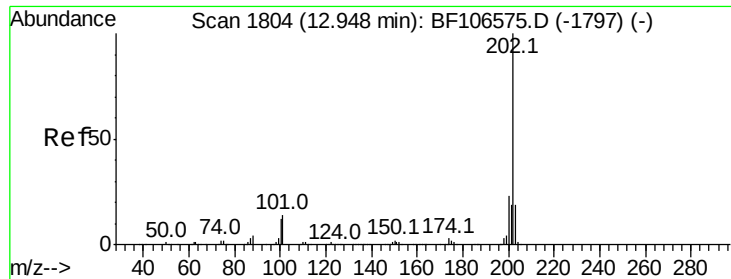


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.038 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF106837.D

Acq: 26 Jun 2018 21:39

Instrument :

BNA_F

ClientSampleId :

20180372-COMPOSITE-CS-1B

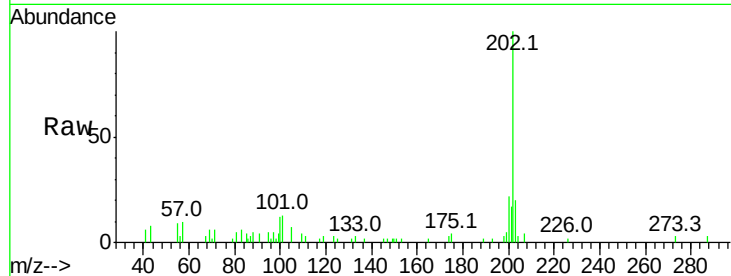
Tot Ion:202 Resp: 16513

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

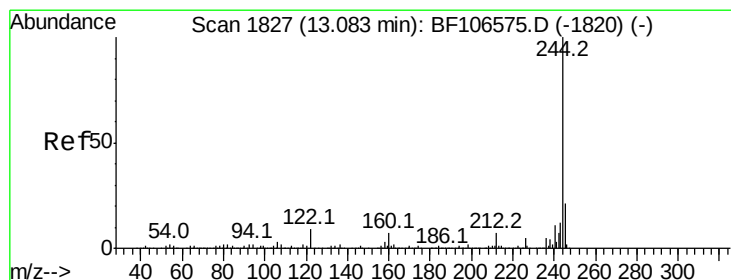
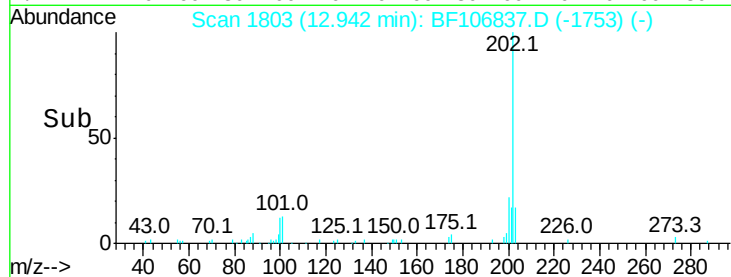
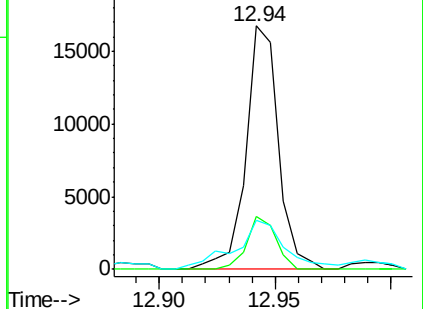
203 20.0 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.656 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106837.D

Acq: 26 Jun 2018 21:39

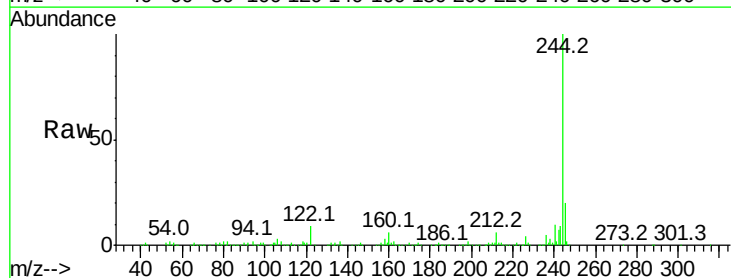
Tgt Ion:244 Resp: 383832

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

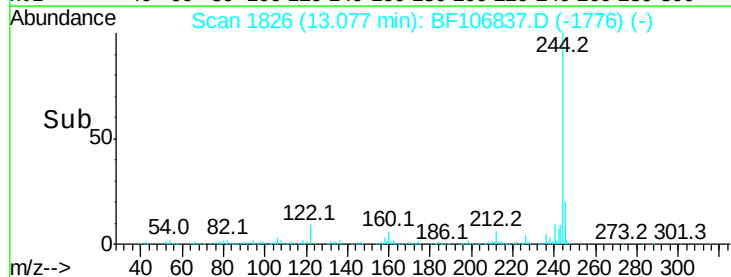
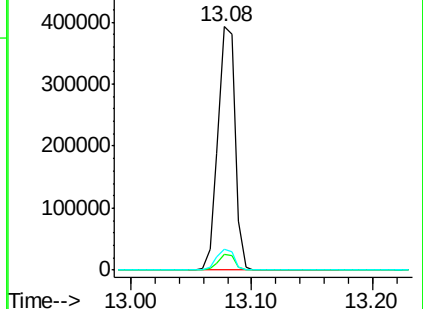
122 8.7 11.0 16.4#

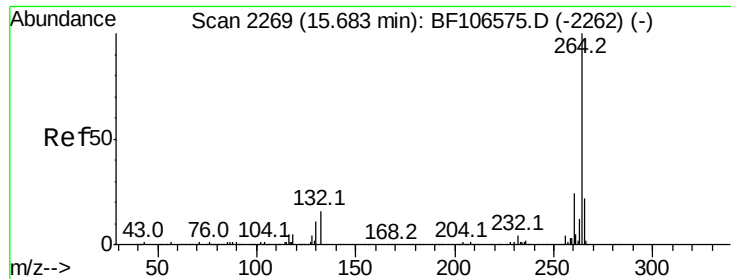


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2272
 Delta R.T. -0.02 min
 Lab File: BF106837.D
 Acq: 26 Jun 2018 21:39

Instrument :
 BNA_F
 ClientSampleId :
 20180372-COMPOSITE-CS-1B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.3	17.5	26.3

