

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
 Data File : BF106667.D
 Acq On : 21 Jun 2018 18:13
 Operator : JU/SJ
 Sample : J3584-20
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

Quant Time: Jun 21 18:46:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 21 16:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	63982	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	247674	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	130501	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	278399	20.00	ng	0.00
75) Chrysene-d12	14.15	240	250012	20.00	ng	0.00
86) Perylene-d12	15.69	264	208937	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	461521	122.14	ng	0.02
7) Phenol-d6	6.61	99	526166	111.51	ng	0.00
23) Nitrobenzene-d5	7.52	82	446329	100.15	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	249962	165.26	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	787583	105.75	ng	0.00
78) Terphenyl-d14	13.08	244	1053451	102.07	ng	0.00

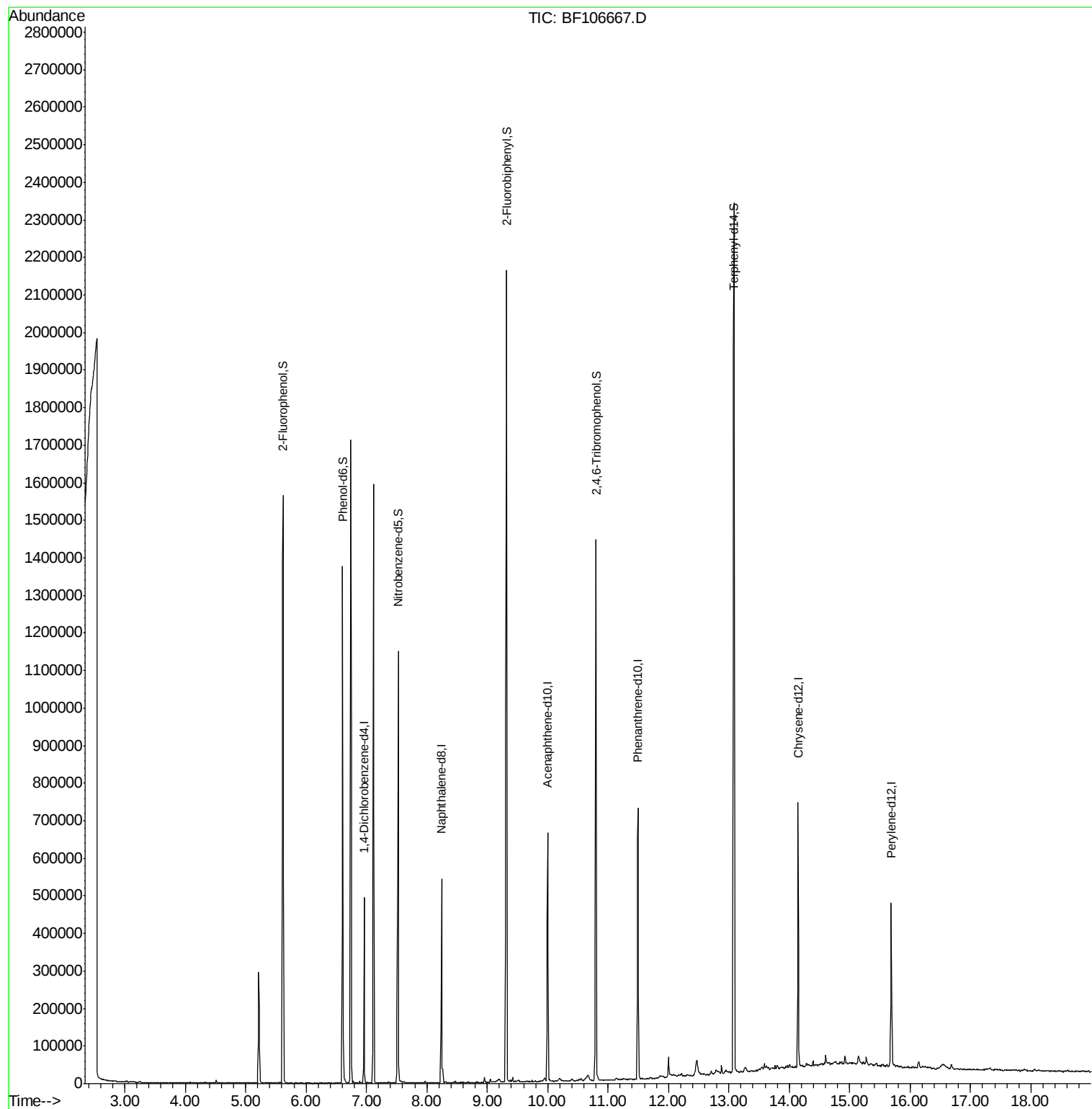
Target Compounds Qvalue

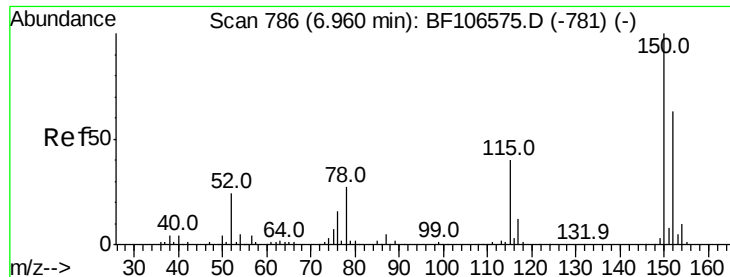
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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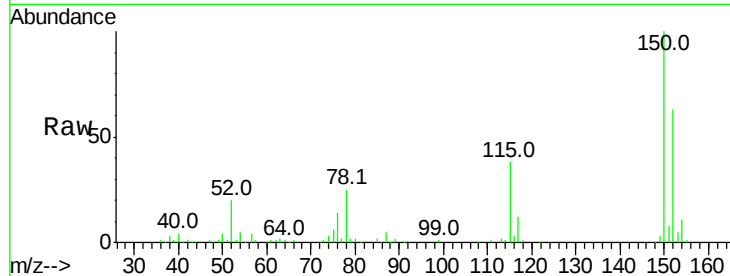


#1

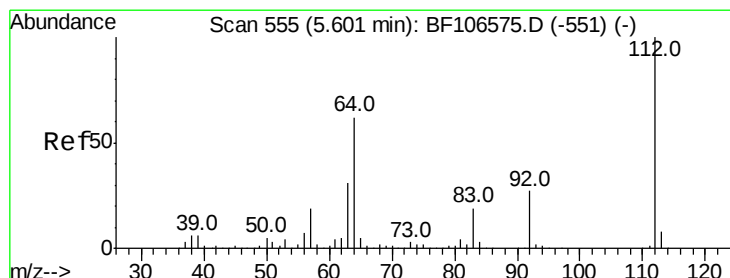
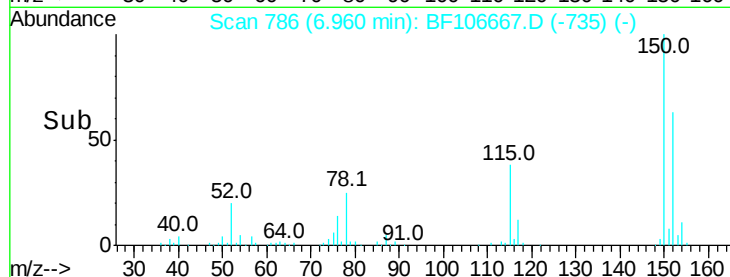
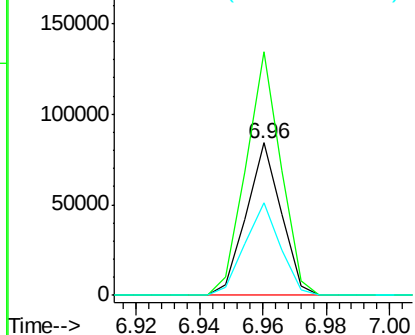
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106667.D
Acq: 21 Jun 2018 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tot Ion:152 Resp: 63982
Ion Ratio Lower Upper
152 100
150 159.9 124.6 186.8
115 61.0 50.1 75.1



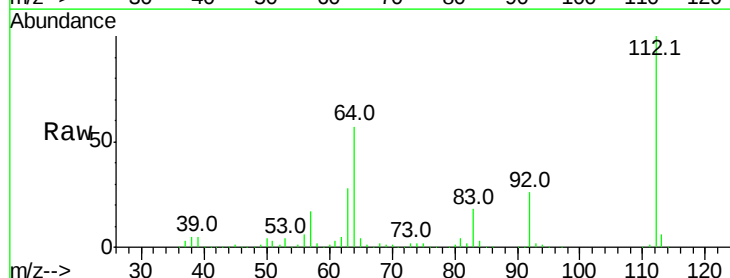
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



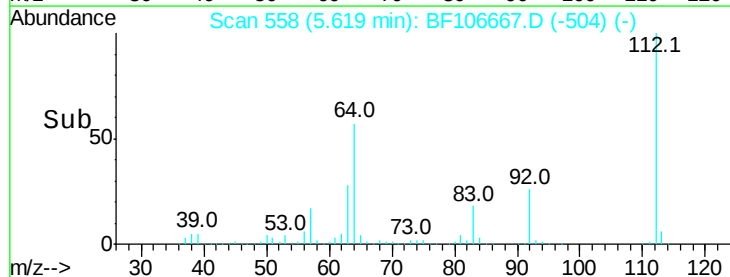
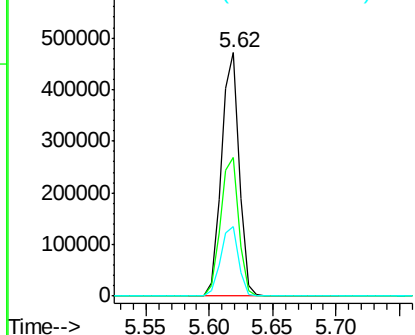
#5

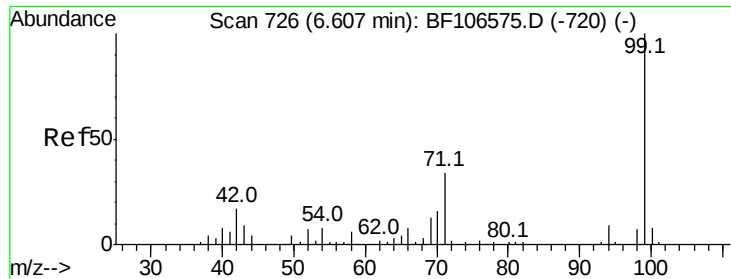
2-Fluorophenol
Concen: 122.144 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF106667.D
Acq: 21 Jun 2018 18:13

Tgt Ion:112 Resp: 461521
Ion Ratio Lower Upper
112 100
64 56.7 47.9 71.9
63 28.3 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: 111.509 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106667.D

Acq: 21 Jun 2018 18:13

Instrument :

BNA_F

ClientSampleId :

TP-1-S

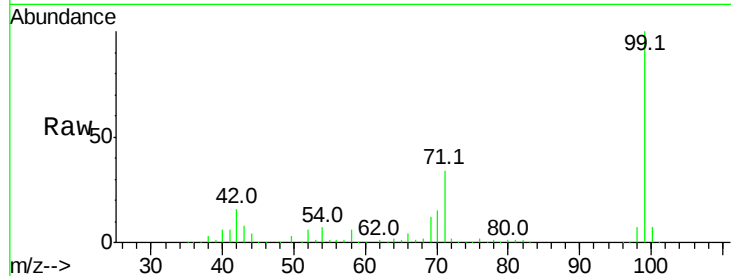
Tot Ion: 99 Resp: 526166

Ion Ratio Lower Upper

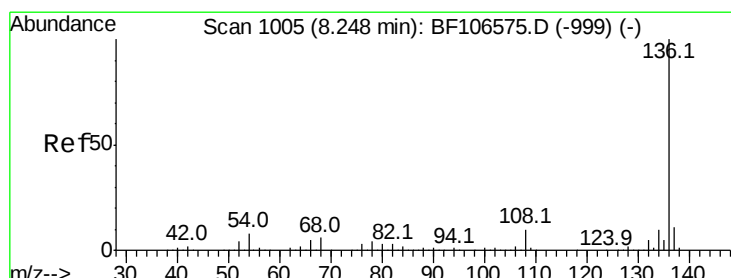
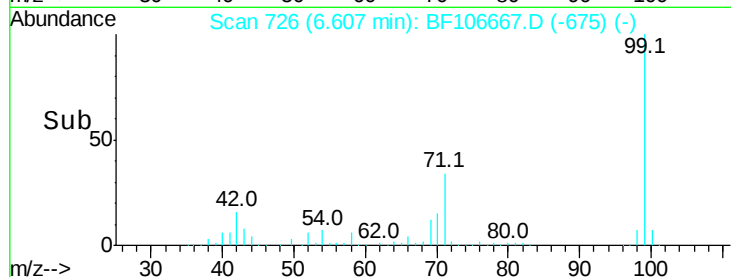
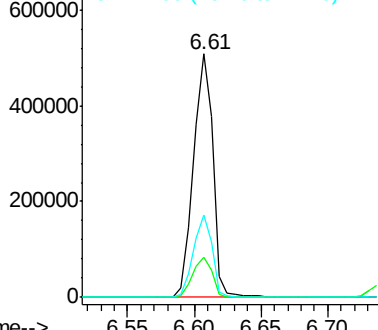
99 100

42 16.5 14.5 21.7

71 33.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106667.D

Acq: 21 Jun 2018 18:13

Tgt Ion: 136 Resp: 247674

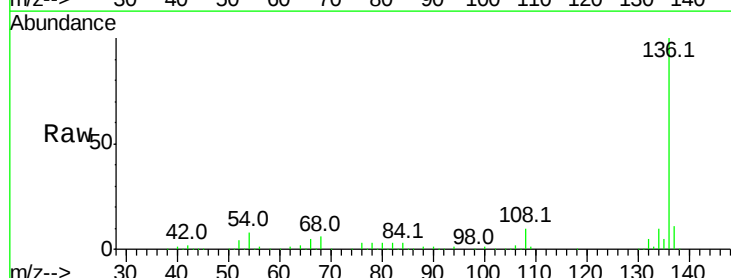
Ion Ratio Lower Upper

136 100

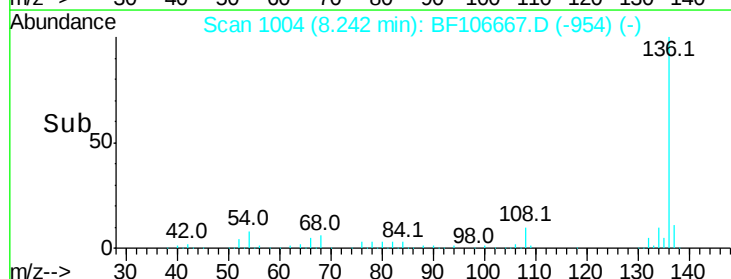
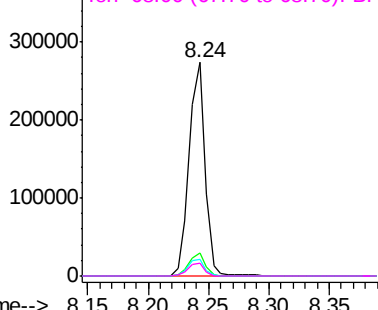
137 10.9 8.9 13.3

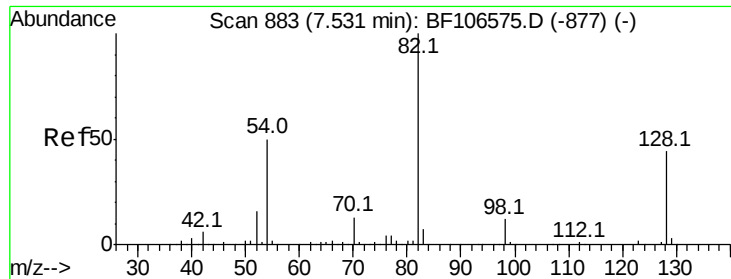
54 8.0 6.6 9.8

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

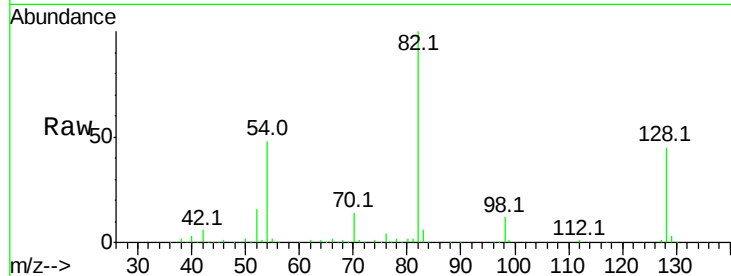




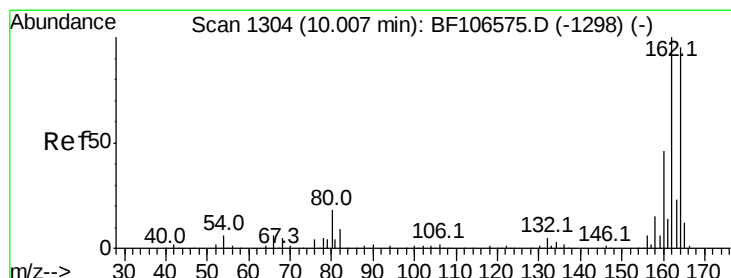
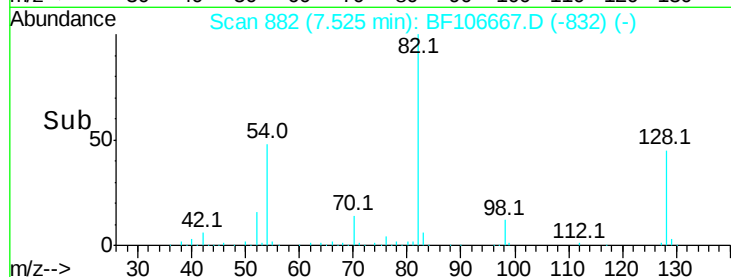
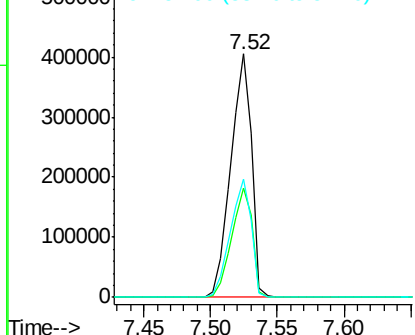
#23
 Nitrobenzene-d5
 Concen: 100.148 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106667.D
 Acq: 21 Jun 2018 18:13

Instrument :
 BNA_F
 ClientSampled :
 TP-1-S

Tot Ion: 82 Resp: 446329
 Ion Ratio Lower Upper
 82 100
 128 44.6 36.1 54.1
 54 48.5 41.4 62.2

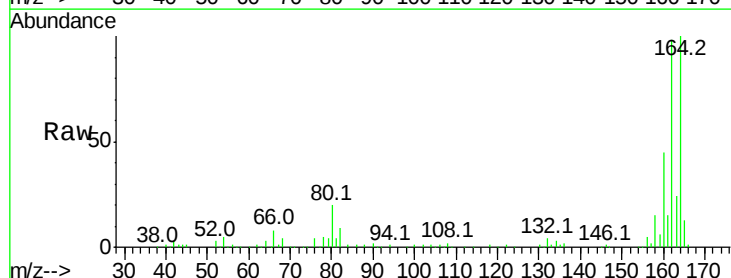


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

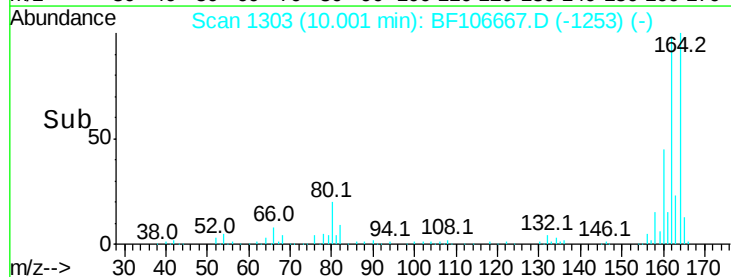
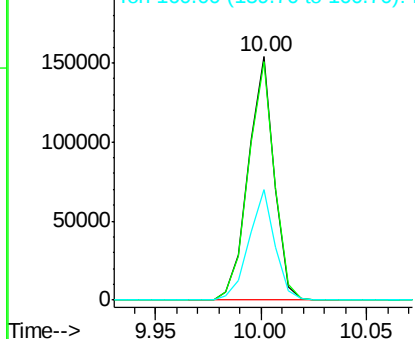


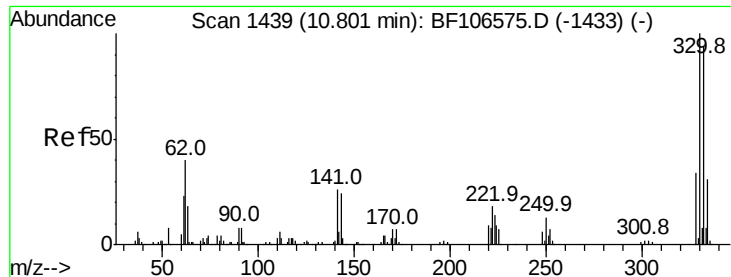
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106667.D
 Acq: 21 Jun 2018 18:13

Tgt Ion:164 Resp: 130501
 Ion Ratio Lower Upper
 164 100
 162 97.8 86.1 129.1
 160 45.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

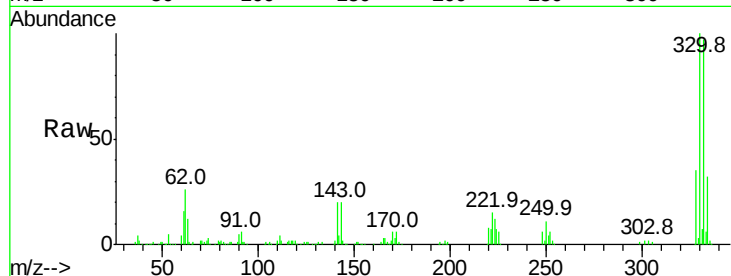




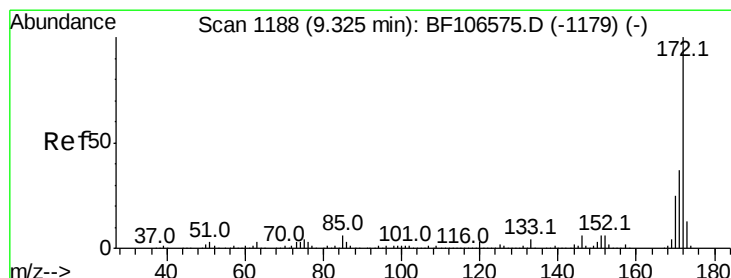
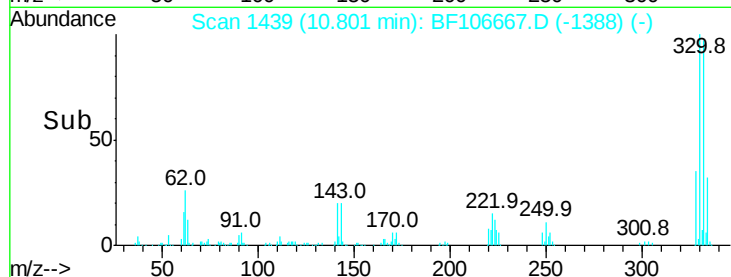
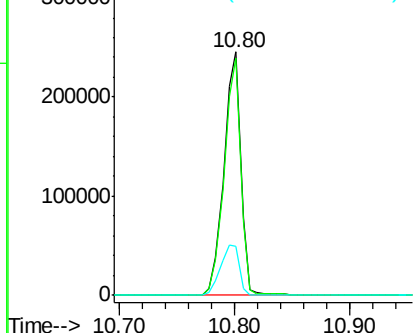
#41
 2,4,6-Tribromophenol
 Concen: 165.260 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106667.D
 Acq: 21 Jun 2018 18:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	23.0	29.9	44.9#

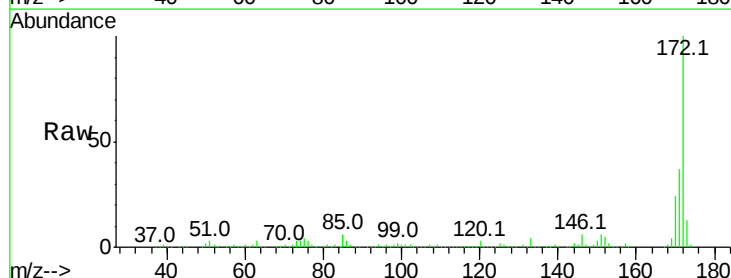


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

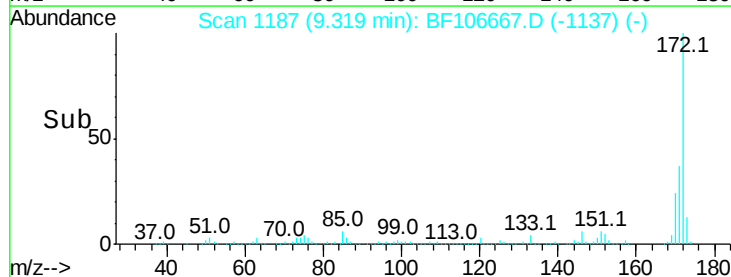
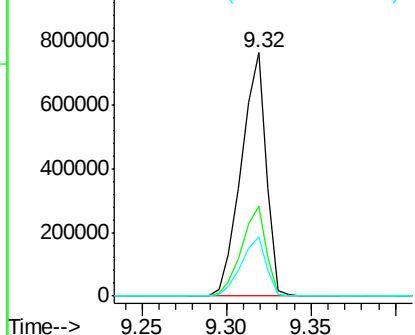


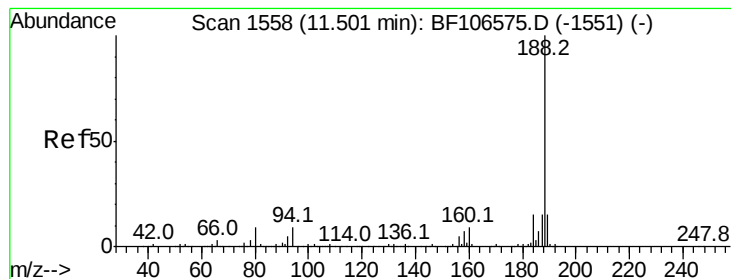
#44
 2-Fluorobiphenyl
 Concen: 105.753 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106667.D
 Acq: 21 Jun 2018 18:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.2	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106667.D

Acq: 21 Jun 2018 18:13

Instrument :

BNA_F

ClientSampleId :

TP-1-S

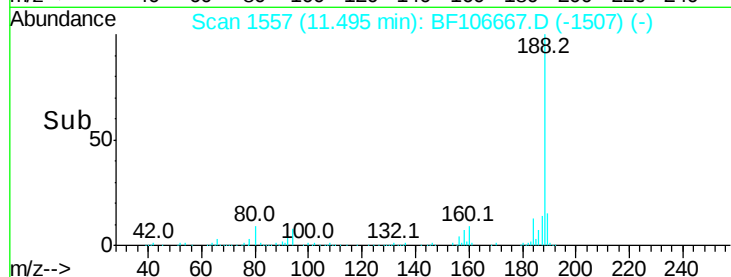
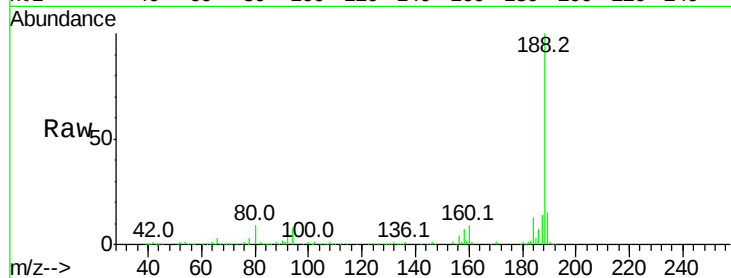
Tot Ion:188 Resp: 278399

Ion Ratio Lower Upper

188 100

94 8.3 8.5 12.7#

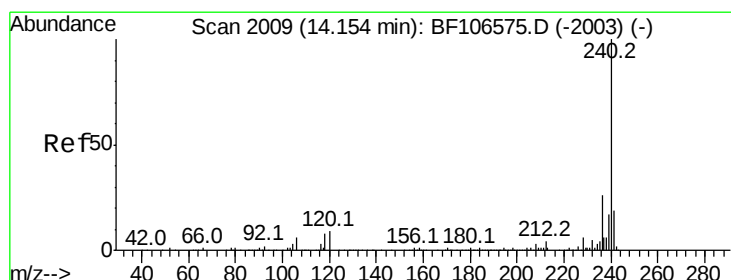
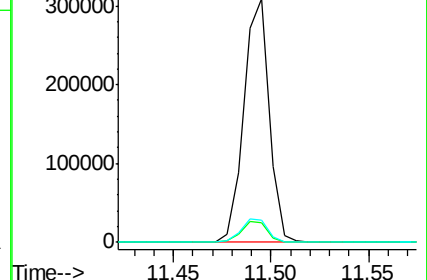
80 8.9 9.2 13.8#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106667.D

Acq: 21 Jun 2018 18:13

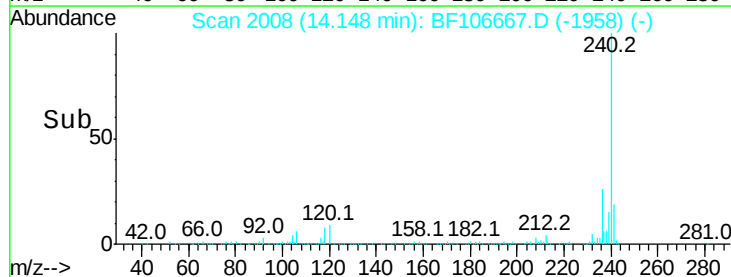
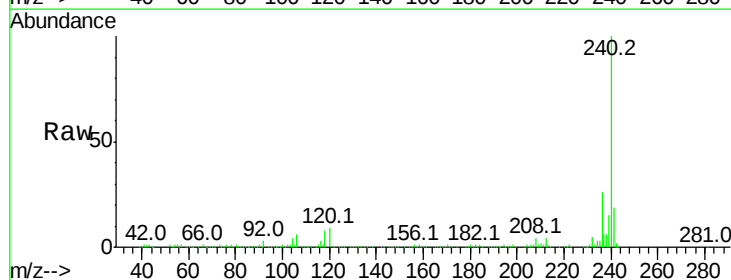
Tgt Ion:240 Resp: 250012

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

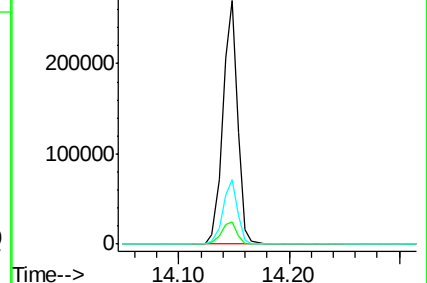
236 26.3 20.7 31.1

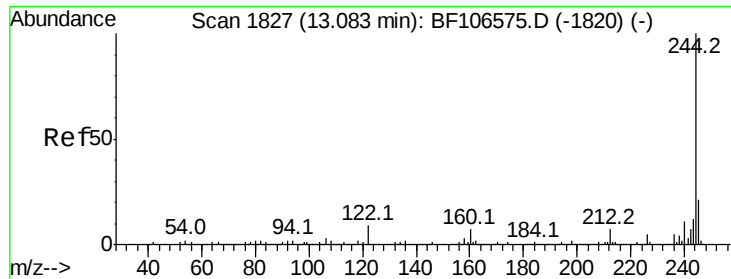


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 102.066 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106667.D

Acq: 21 Jun 2018 18:13

Instrument :

BNA_F

ClientSampleId :

TP-1-S

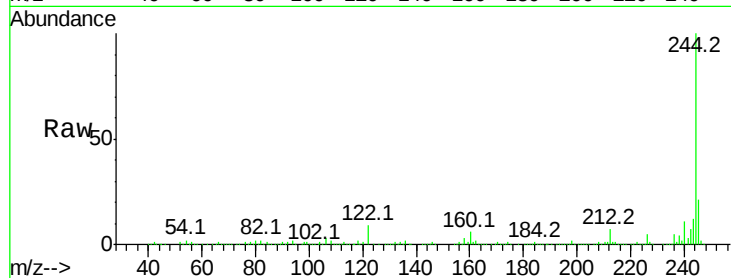
Tot Ion:244 Resp: 1053451

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

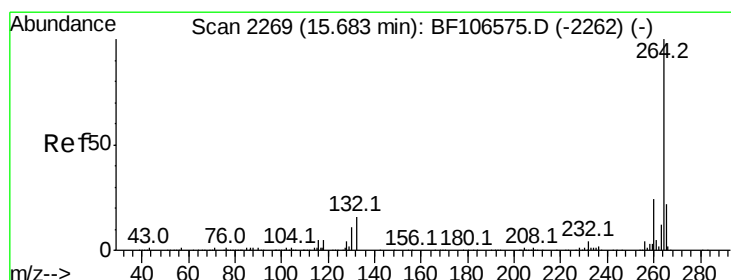
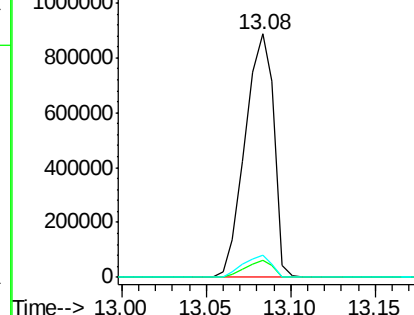
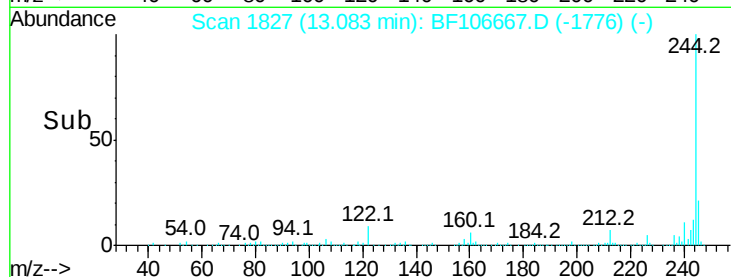
122 8.9 11.0 16.4#



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: BF106667.D

Acq: 21 Jun 2018 18:13

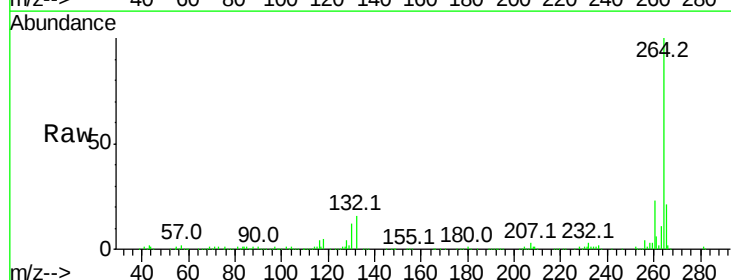
Tgt Ion:264 Resp: 208937

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 21.1 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

