

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107806.D
 Acq On : 30 Jul 2018 18:06
 Operator : JU/SJ
 Sample : J4189-26
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Quant Time: Jul 30 18:43:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	192635	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	824168	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	371621	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	799268	20.00	ng	0.00
75) Chrysene-d12	14.15	240	658904	20.00	ng	0.00
86) Perylene-d12	15.68	264	578539	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	686661	60.58	ng	0.00
7) Phenol-d6	6.60	99	617183	41.32	ng	-0.01
23) Nitrobenzene-d5	7.52	82	1302614	91.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	623361	123.45	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	2295864	86.09	ng	0.00
78) Terphenyl-d14	13.08	244	2568283	84.52	ng	0.00

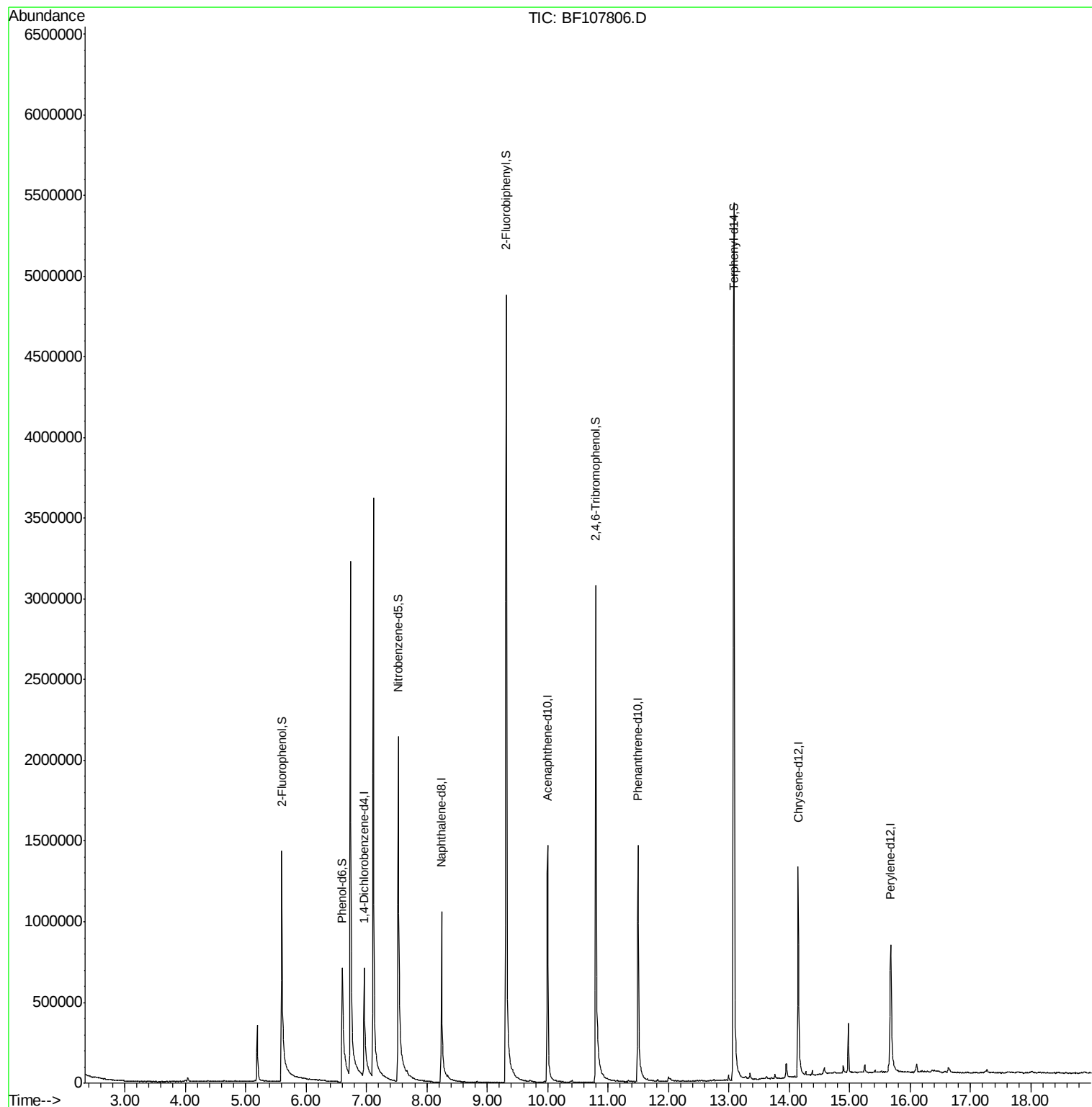
Target Compounds Qvalue

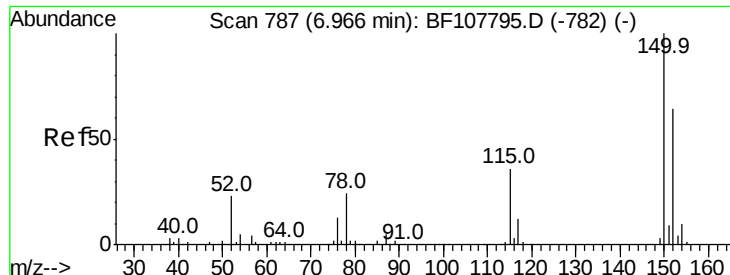
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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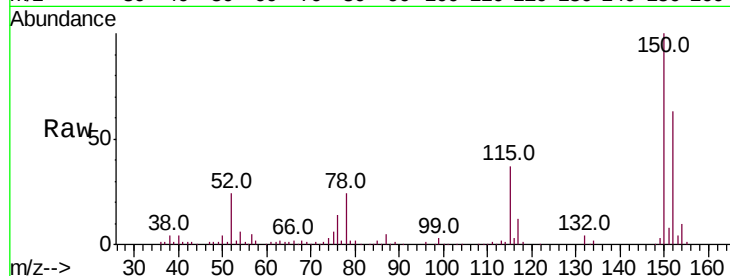


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF107806.D
 Acq: 30 Jul 2018 18:06

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	58.8	50.1	75.1

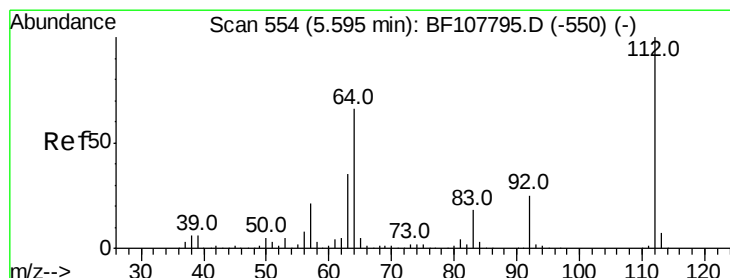
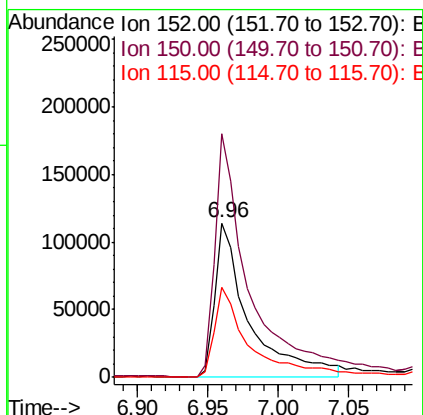
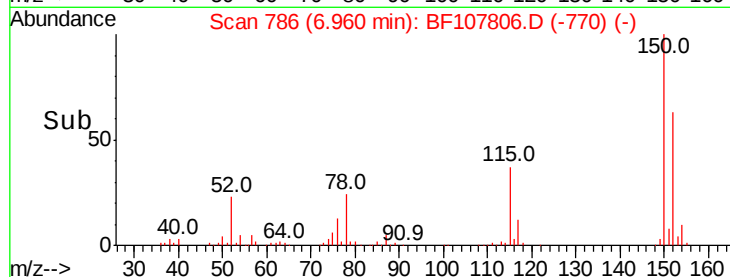


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

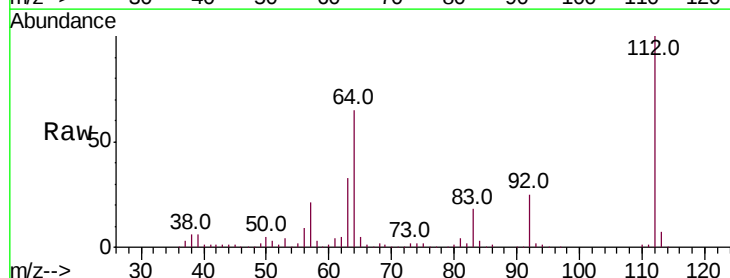
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 60.582 ng
 RT: 5.60 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF107806.D
 Acq: 30 Jul 2018 18:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	47.9	71.9
63	33.5	23.7	35.5

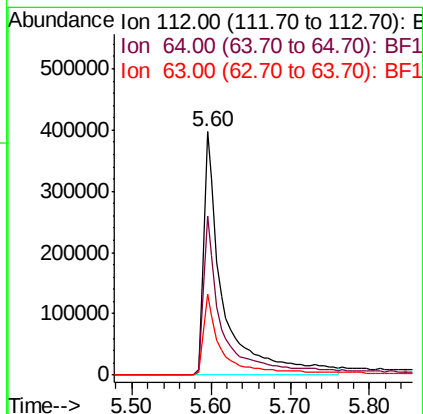
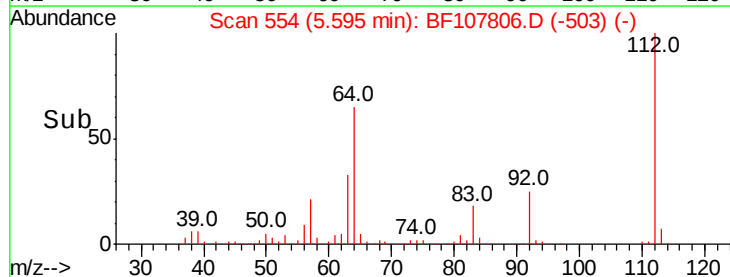


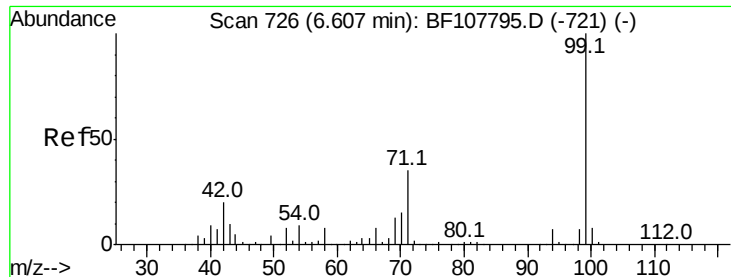
Abundance

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: 41.316 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF107806.D

Acq: 30 Jul 2018 18:06

Instrument :

BNA_F

ClientSampleId :

TP-12

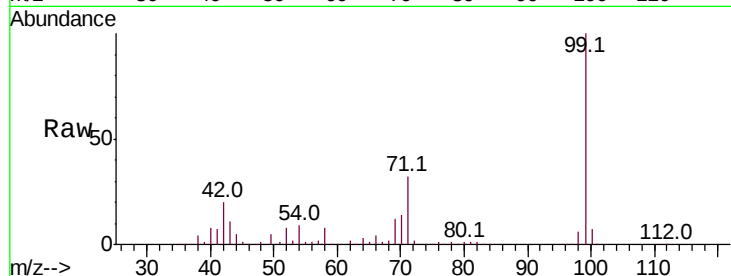
Tot Ion: 99 Resp: 617183

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

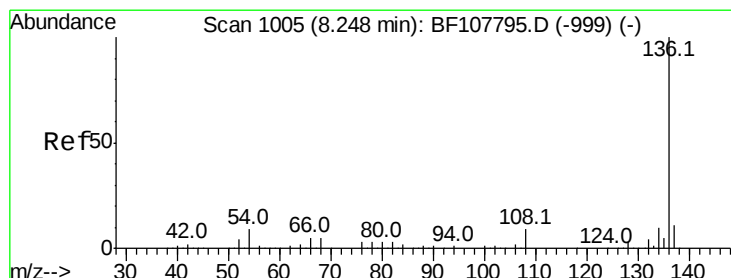
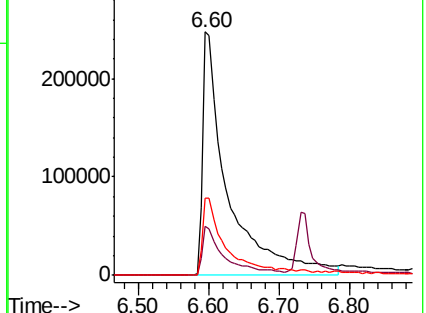
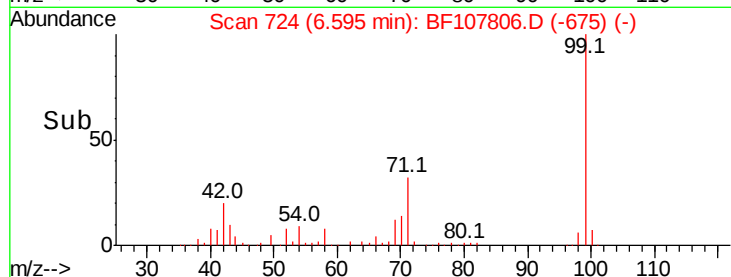
71 31.7 25.4 38.0



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: BF107806.D

Acq: 30 Jul 2018 18:06

Tgt Ion: 136 Resp: 824168

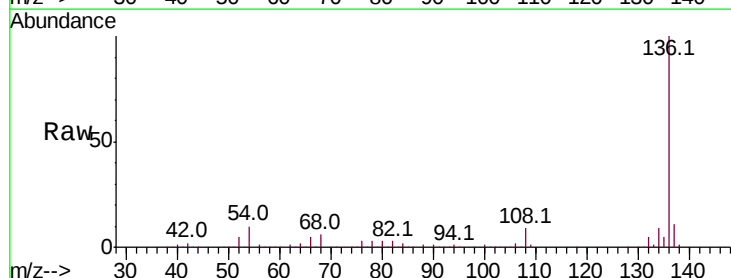
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 10.0 6.6 9.8#

68 6.4 5.0 7.4

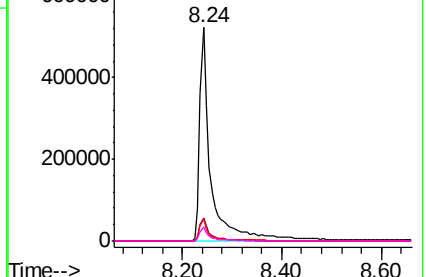
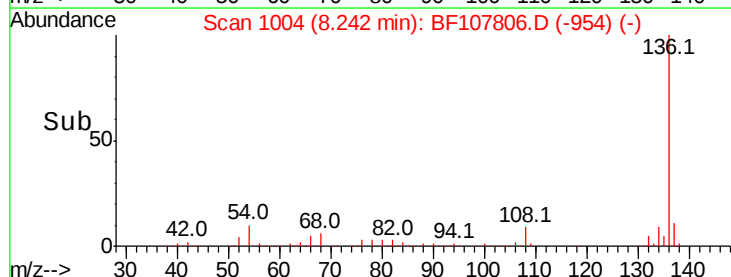


Abundance Ion 136.00 (135.70 to 136.70): E

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

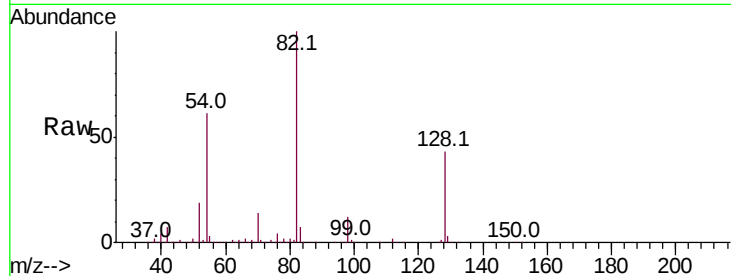




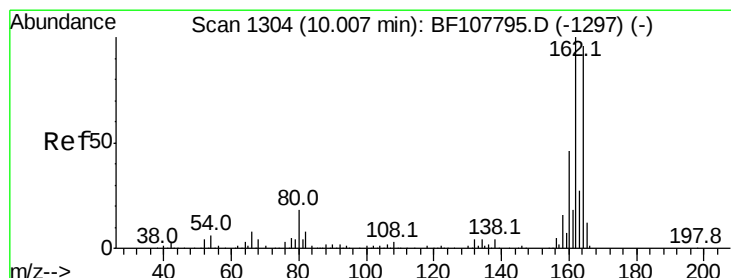
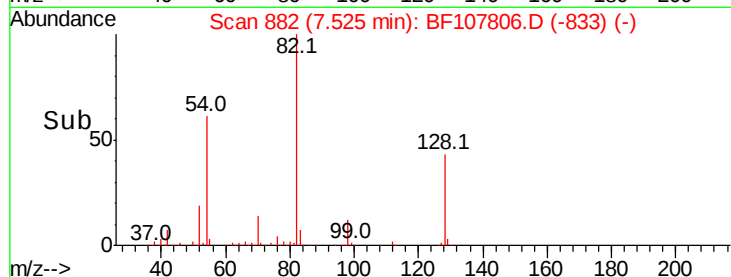
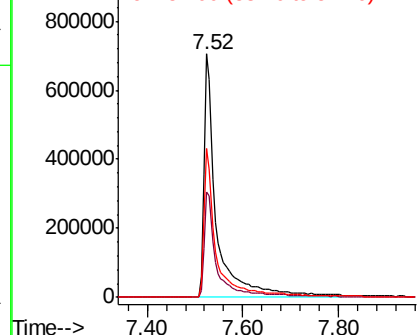
#23
Nitrobenzene-d5
Concen: 91.054 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107806.D
Acq: 30 Jul 2018 18:06

Instrument :
BNA_F
ClientSampled :
TP-12

Tot Ion: 82 Resp: 1302614
Ion Ratio Lower Upper
82 100
128 43.1 36.1 54.1
54 61.3 41.4 62.2

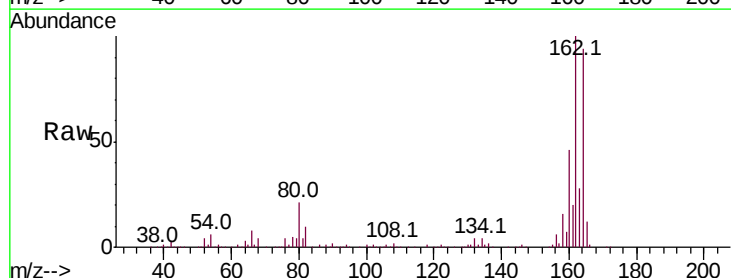


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

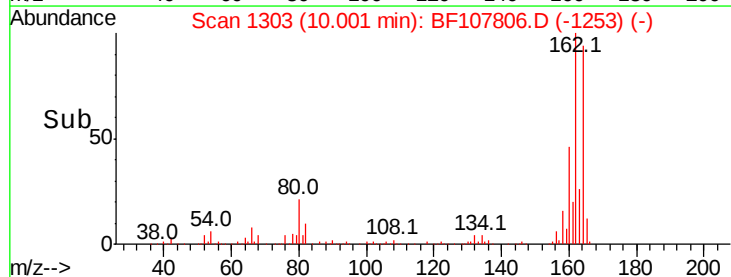
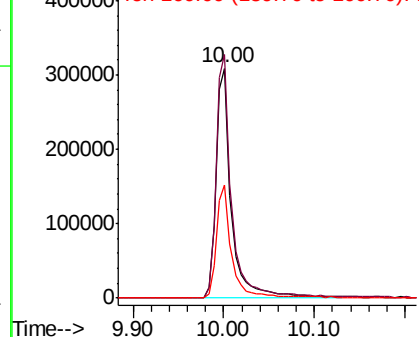


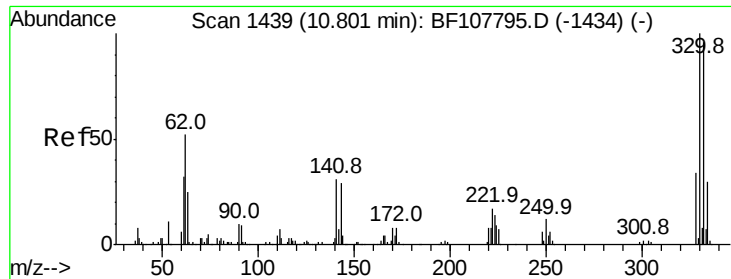
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107806.D
Acq: 30 Jul 2018 18:06

Tgt Ion:164 Resp: 371621
Ion Ratio Lower Upper
164 100
162 105.9 86.1 129.1
160 49.0 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

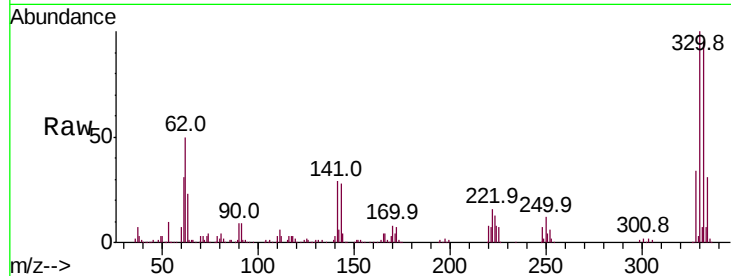




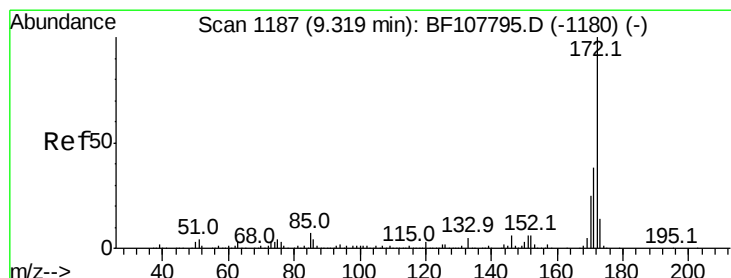
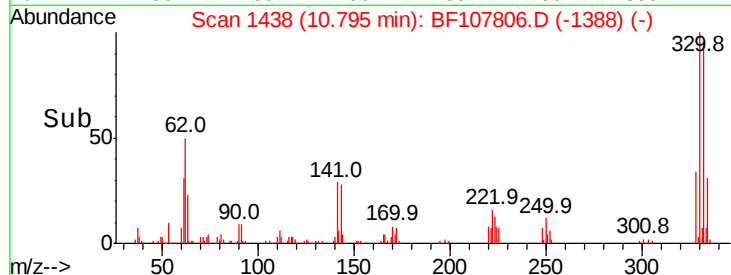
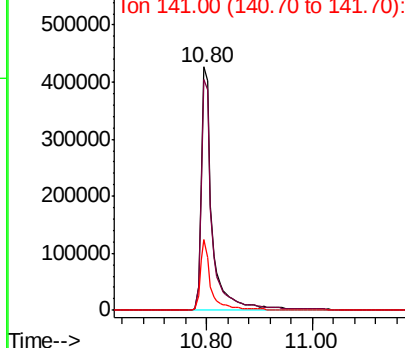
#41
 2,4,6-Tribromophenol
 Concen: 123.448 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107806.D
 Acq: 30 Jul 2018 18:06

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Tot Ion:330 Resp: 623361
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 28.9 29.9 44.9#

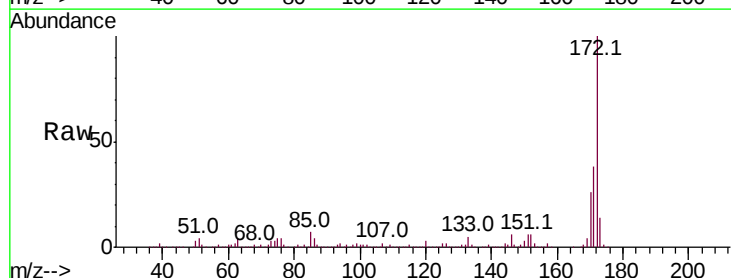


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

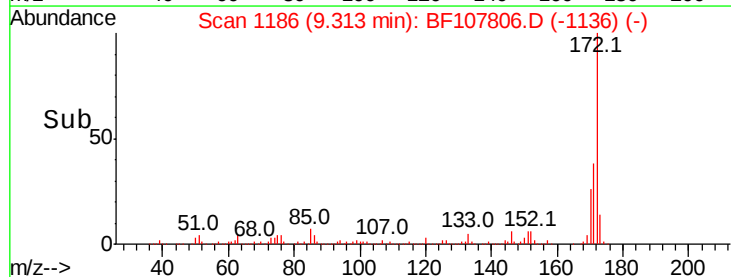
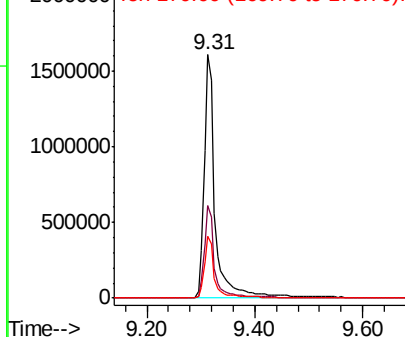


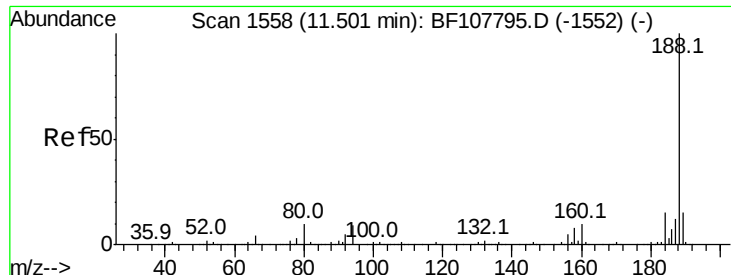
#44
 2-Fluorobiphenyl
 Concen: 86.089 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107806.D
 Acq: 30 Jul 2018 18:06

Tgt Ion:172 Resp: 2295864
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.7 44.5
 170 25.6 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: BF107806.D

Acq: 30 Jul 2018 18:06

Instrument :

BNA_F

ClientSampleId :

TP-12

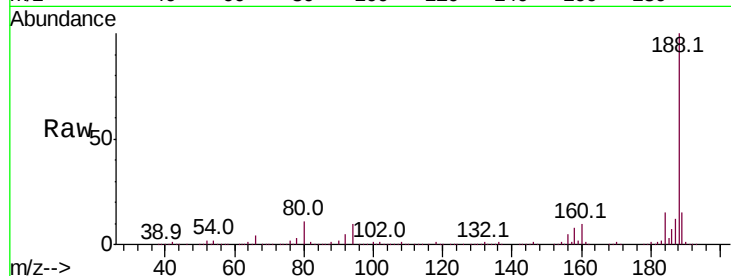
Tot Ion:188 Resp: 799268

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

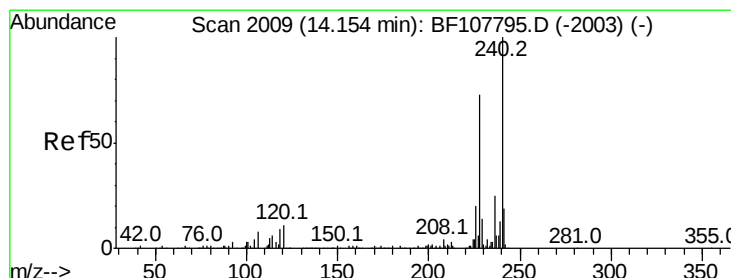
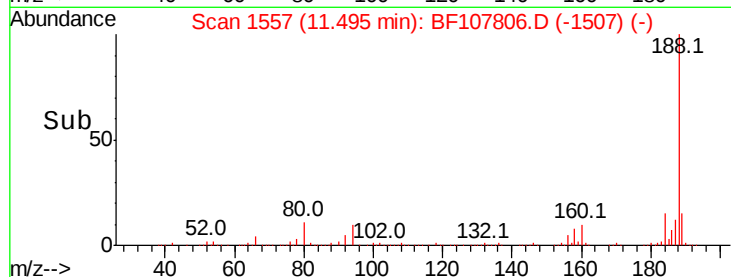
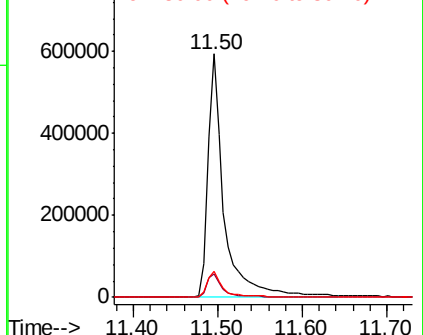
80 10.6 9.2 13.8



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: BF107806.D

Acq: 30 Jul 2018 18:06

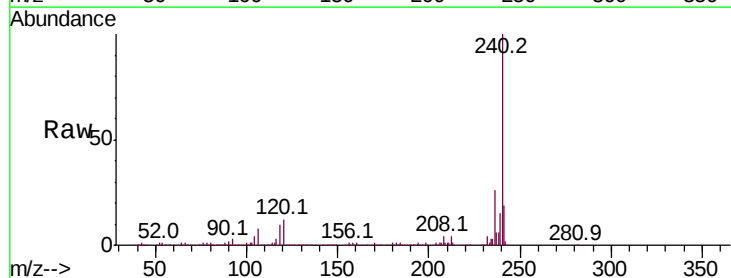
Tgt Ion:240 Resp: 658904

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

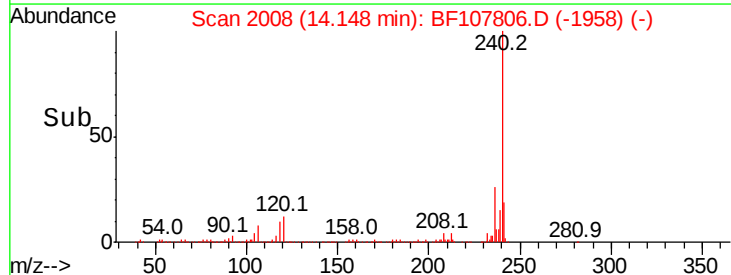
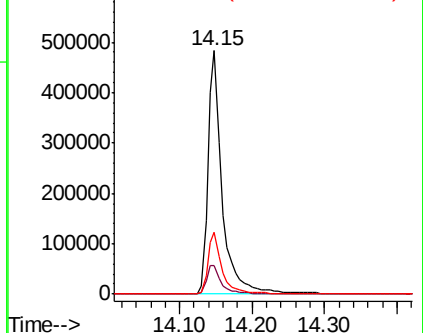
236 25.6 20.7 31.1

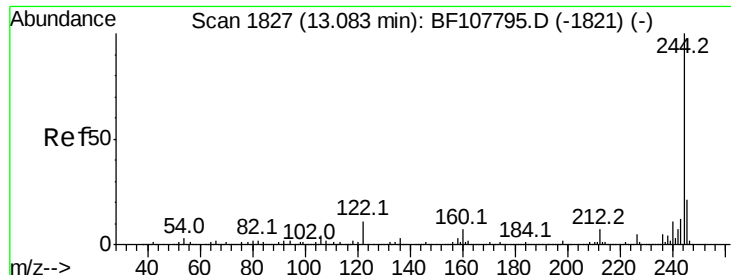


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.521 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107806.D

Acq: 30 Jul 2018 18:06

Instrument :

BNA_F

ClientSampled :

TP-12

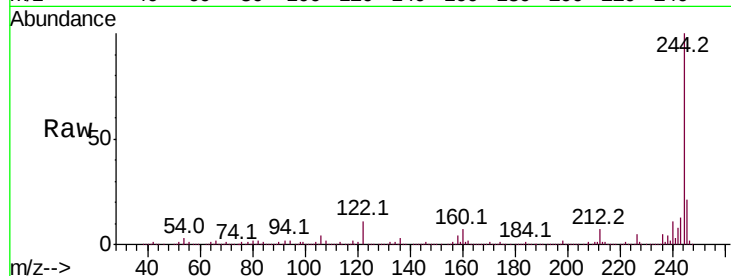
Tot Ion:244 Resp: 2568283

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

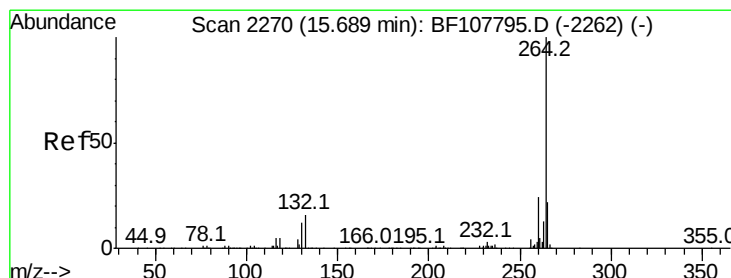
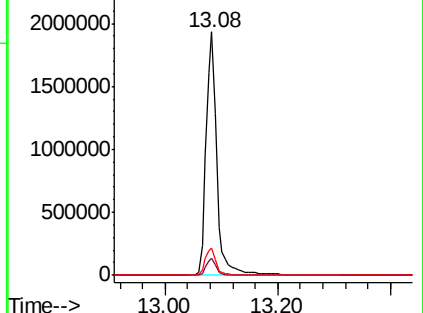
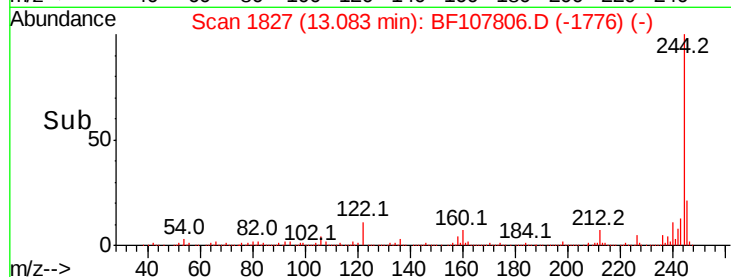
122 11.3 11.0 16.4



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# 2268

Delta R.T. -0.01 min

Lab File: BF107806.D

Acq: 30 Jul 2018 18:06

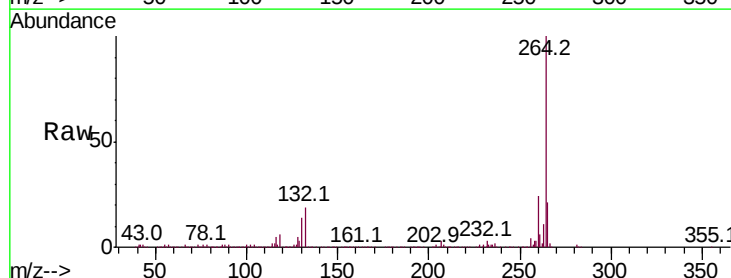
Tgt Ion:264 Resp: 578539

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.4 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

