

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
 Data File : BF107385.D
 Acq On : 14 Jul 2018 00:29
 Operator : JU/SJ
 Sample : J3545-01 10X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-2

Quant Time: Jul 16 11:36:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 11:54:53 2018
 Response via : Initial Calibration

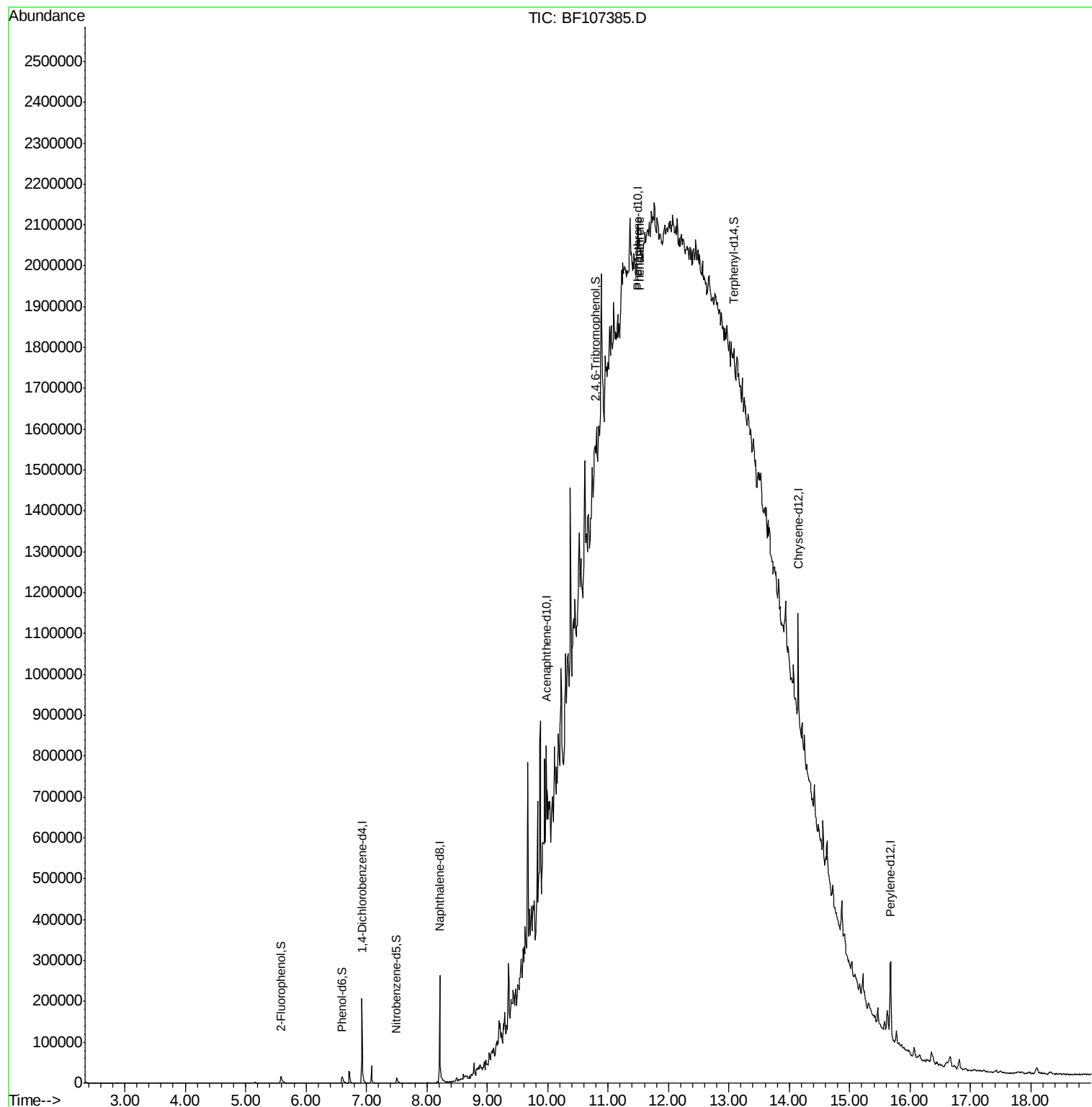
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	39049	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	139345	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	62517	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	66551	20.00	ng	0.02
75) Chrysene-d12	14.15	240	121497	20.00	ng	0.01
86) Perylene-d12	15.68	264	98791	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	11967	5.19	ng	0.02
7) Phenol-d6	6.60	99	15172	5.27	ng	0.02
23) Nitrobenzene-d5	7.50	82	8756	3.49	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	3863	5.33	ng	0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	13.08	244	22547	4.50	ng	0.02
Target Compounds						
70) Phenanthrene	11.52	178	33323	10.381	ng	Qvalue # 69

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

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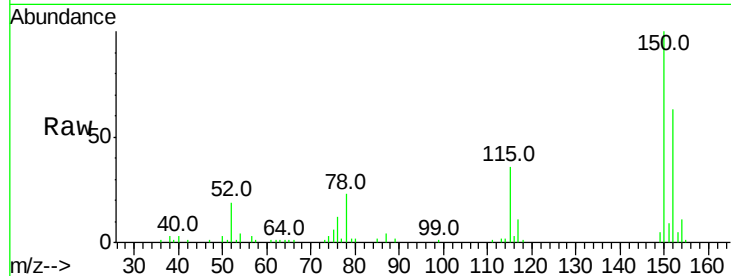


#1

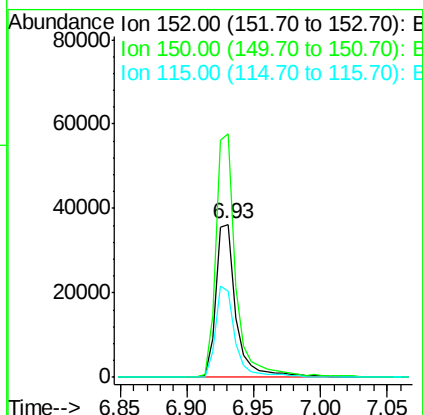
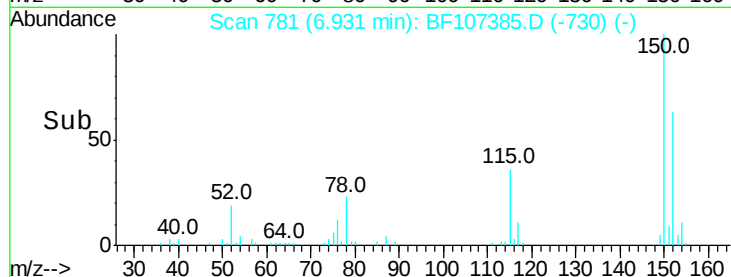
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF107385.D
Acq: 14 Jul 2018 00:29

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tot Ion:152 Resp: 39049
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 56.6 50.1 75.1



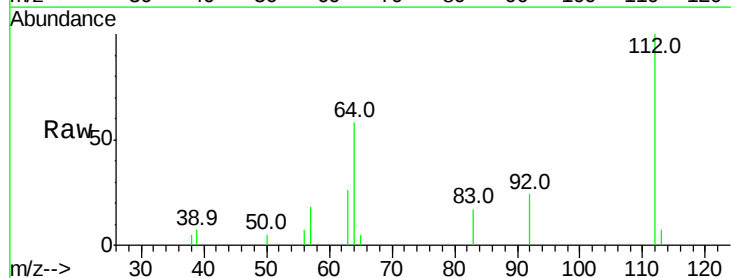
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



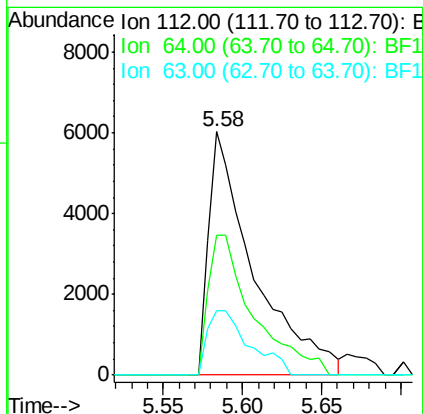
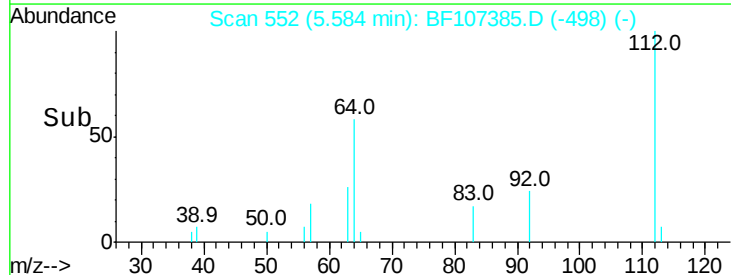
#5

2-Fluorophenol
Concen: 5.189 ng
RT: 5.58 min Scan# 552
Delta R.T. 0.02 min
Lab File: BF107385.D
Acq: 14 Jul 2018 00:29

Tgt Ion:112 Resp: 11967
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 26.4 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: 5.268 ng

RT: 6.60 min Scan# 724

Delta R.T. 0.02 min

Lab File: BF107385.D

Acq: 14 Jul 2018 00:29

Instrument :

BNA_F

ClientSampleId :

DRUM-2

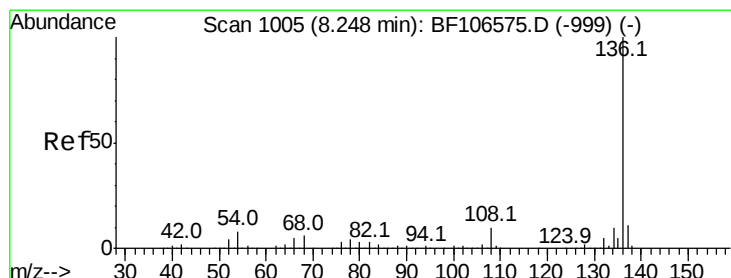
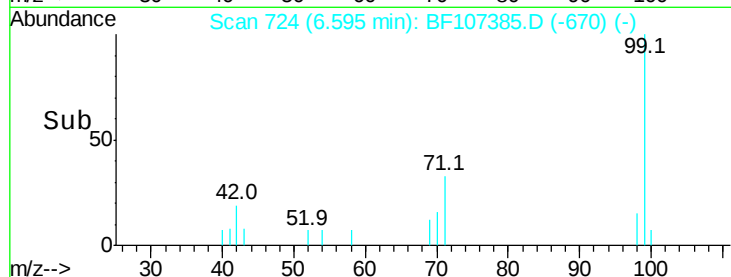
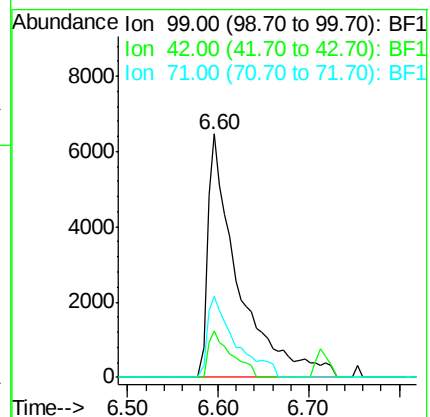
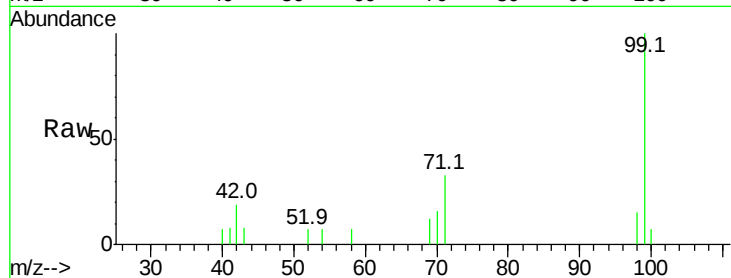
Tot Ion: 99 Resp: 15172

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 33.3 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 999

Delta R.T. 0.00 min

Lab File: BF107385.D

Acq: 14 Jul 2018 00:29

Tgt Ion: 136 Resp: 139345

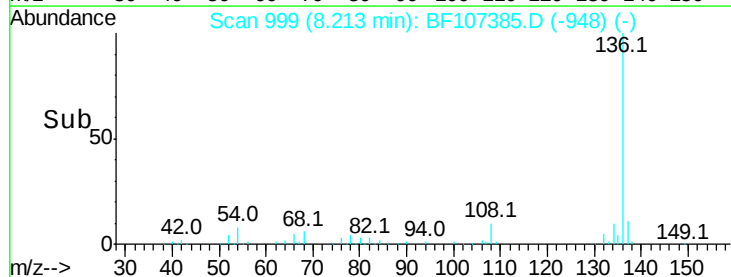
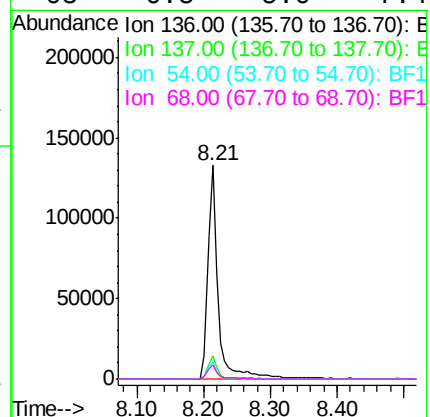
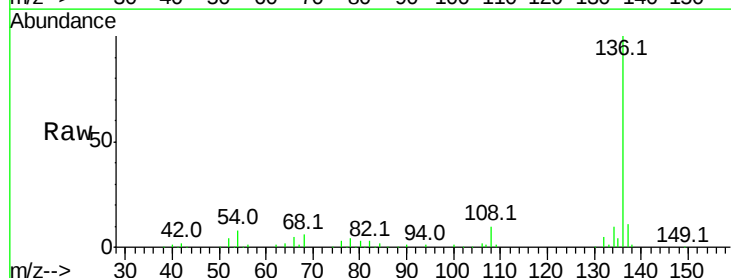
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.9 6.6 9.8

68 6.5 5.0 7.4

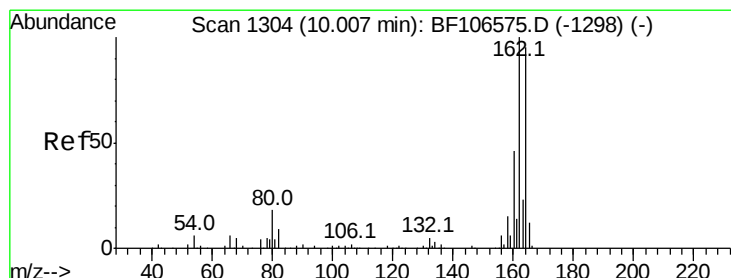
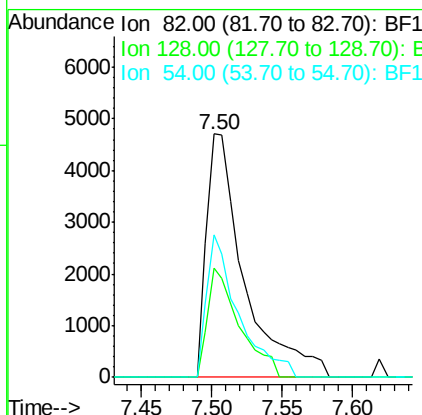
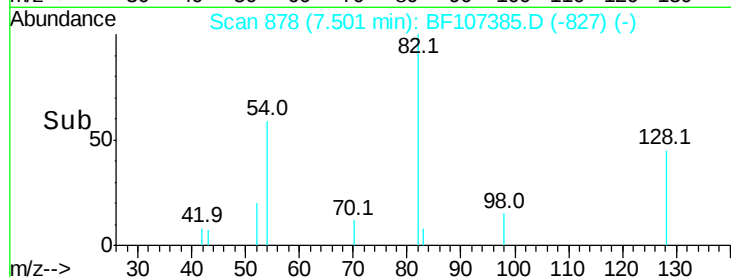
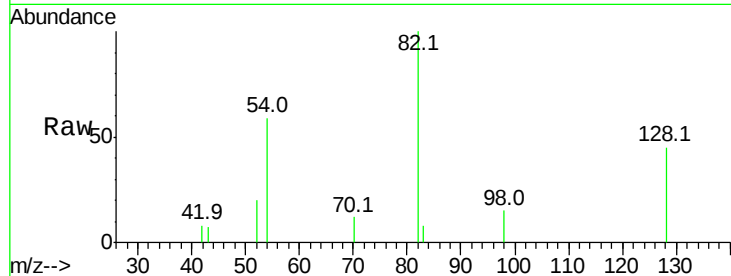




#23
Nitrobenzene-d5
Concen: 3.492 ng
RT: 7.50 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF107385.D
Acq: 14 Jul 2018 00:29

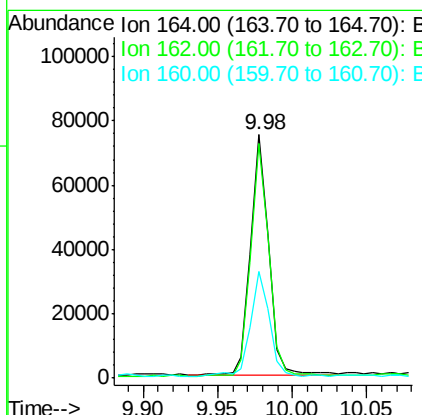
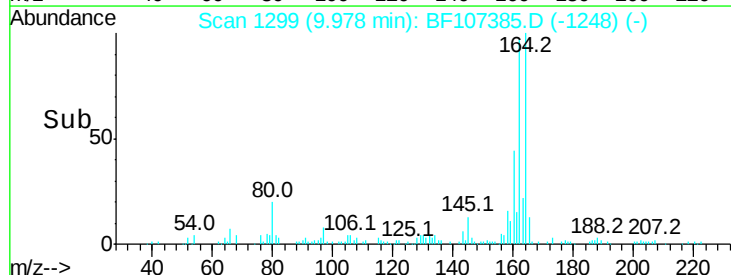
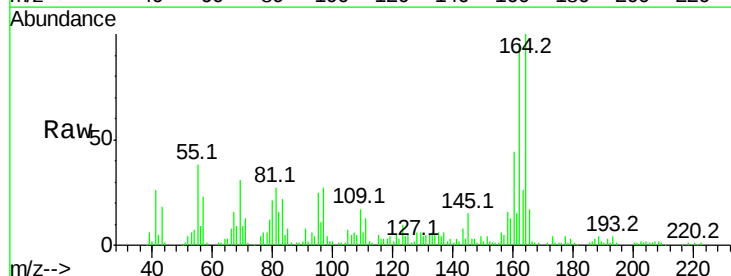
Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tot Ion: 82 Resp: 8756
Ion Ratio Lower Upper
82 100
128 44.6 36.1 54.1
54 58.6 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF107385.D
Acq: 14 Jul 2018 00:29

Tgt Ion:164 Resp: 62517
Ion Ratio Lower Upper
164 100
162 96.3 86.1 129.1
160 43.6 38.3 57.5

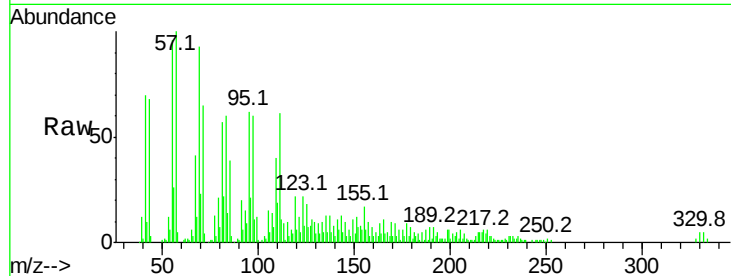




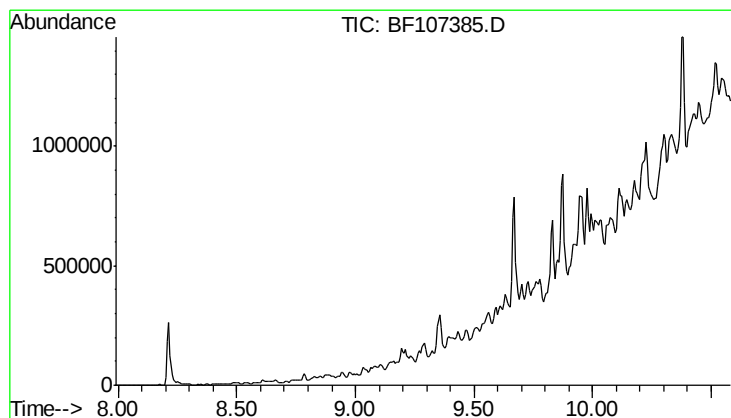
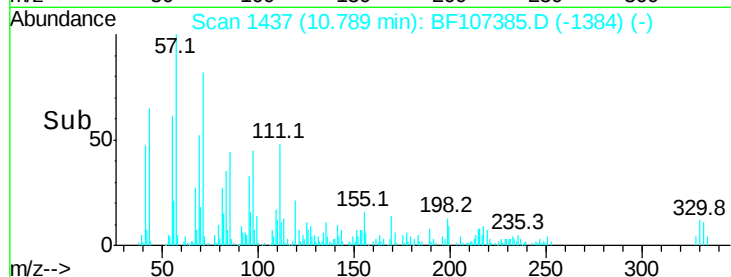
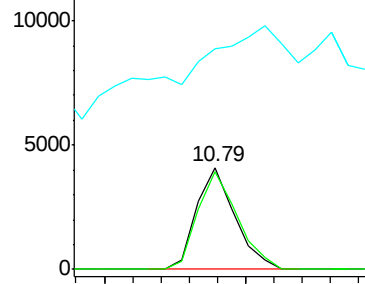
#41
 2,4,6-Tribromophenol
 Concen: 5.331 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. 0.01 min
 Lab File: BF107385.D
 Acq: 14 Jul 2018 00:29

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-2

Tot Ion:330 Resp: 3863
 Ion Ratio Lower Upper
 330 100
 332 99.9 77.0 115.6
 141 266.0 29.9 44.9#



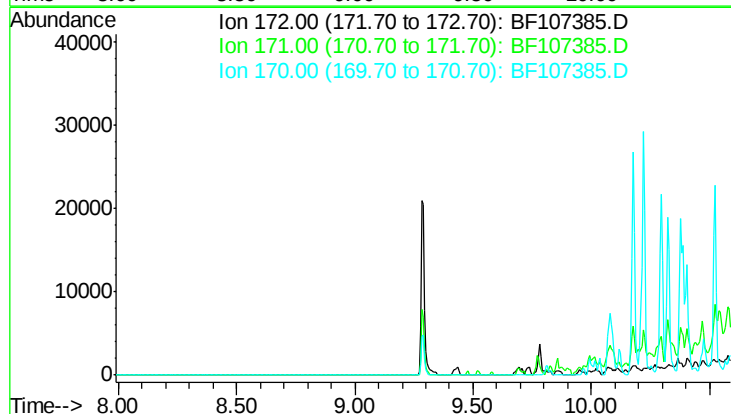
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

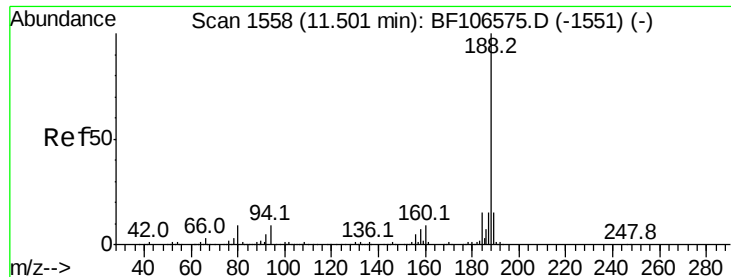


#44
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.29 min

Lab File: BF107385.D
 Acq: 14 Jul 2018 00:29

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 37.1
 170 24.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. 0.02 min

Lab File: BF107385.D

Acq: 14 Jul 2018 00:29

Instrument :

BNA_F

ClientSampleId :

DRUM-2

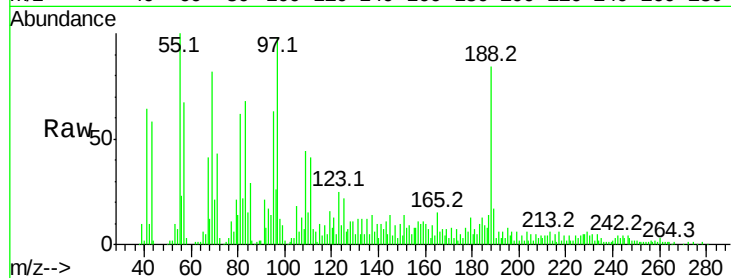
Tot Ion:188 Resp: 66551

Ion Ratio Lower Upper

188 100

94 16.2 8.5 12.7#

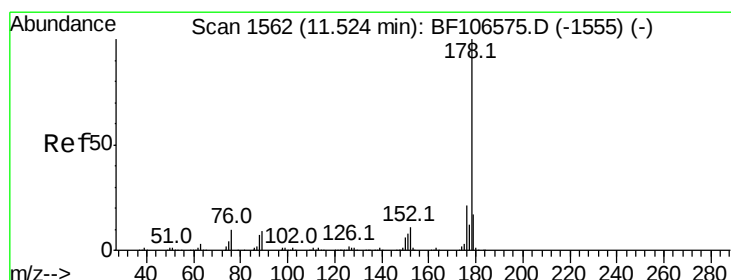
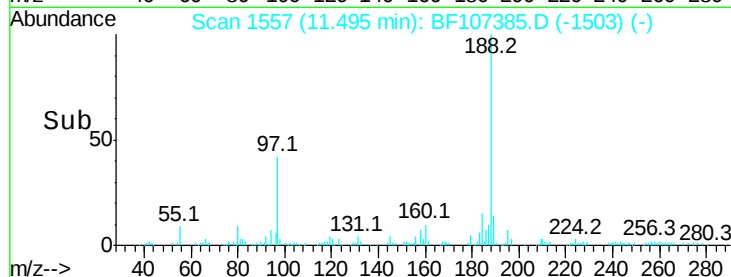
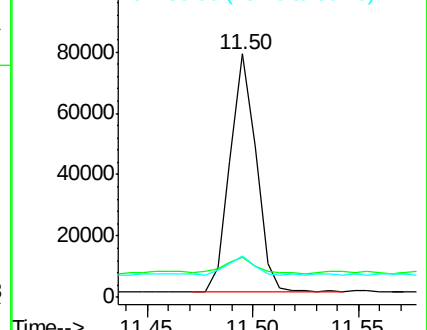
80 17.2 9.2 13.8#



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



#70

Phenanthrene

Concen: 10.381 ng

RT: 11.52 min Scan# 1561

Delta R.T. 0.02 min

Lab File: BF107385.D

Acq: 14 Jul 2018 00:29

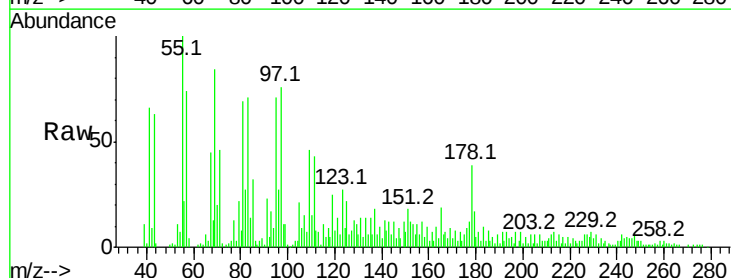
Tgt Ion:178 Resp: 33323

Ion Ratio Lower Upper

178 100

176 22.9 15.8 23.8

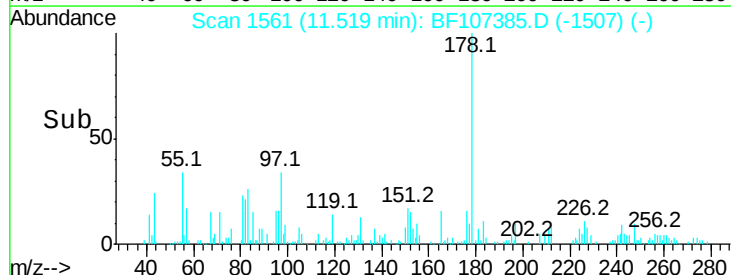
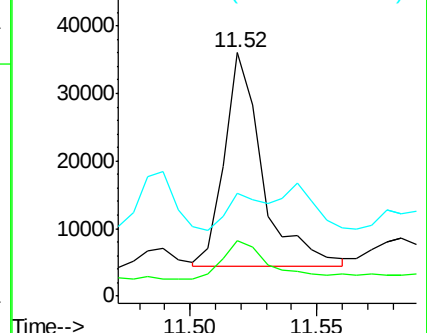
179 42.1 13.0 19.6#

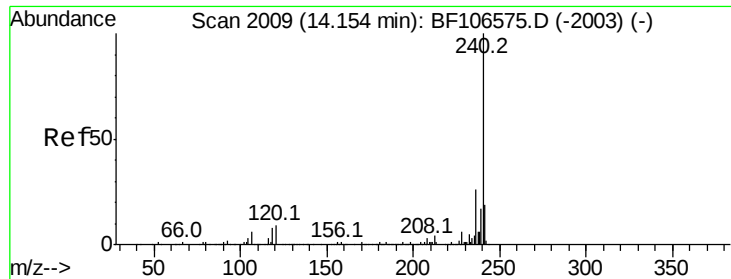


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF107385.D

Acq: 14 Jul 2018 00:29

Instrument :

BNA_F

ClientSampleId :

DRUM-2

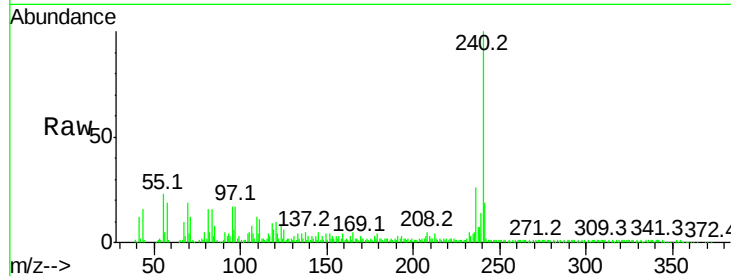
Tot Ion:240 Resp: 121497

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

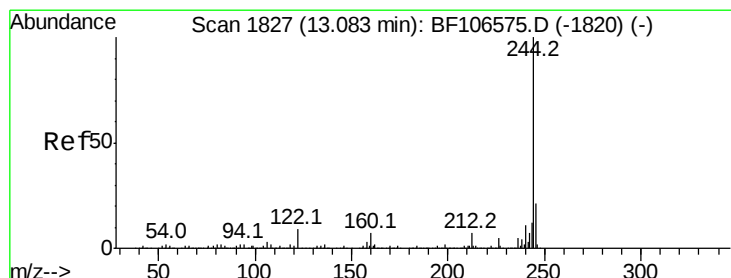
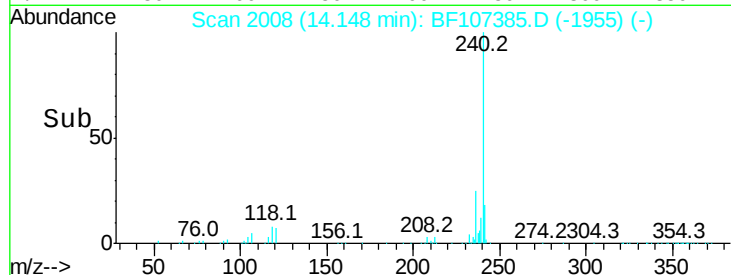
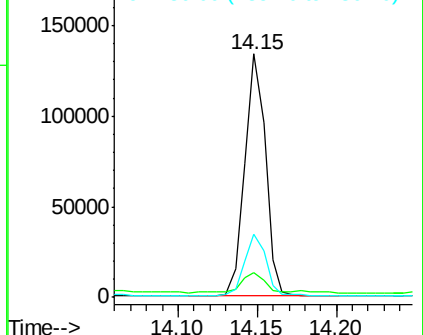
236 26.2 20.7 31.1



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: 4.495 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.02 min

Lab File: BF107385.D

Acq: 14 Jul 2018 00:29

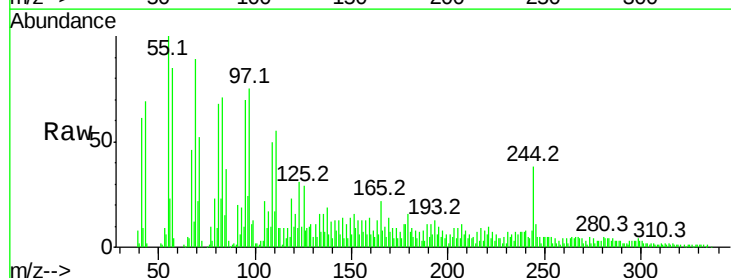
Tgt Ion:244 Resp: 22547

Ion Ratio Lower Upper

244 100

212 10.6 5.4 8.0#

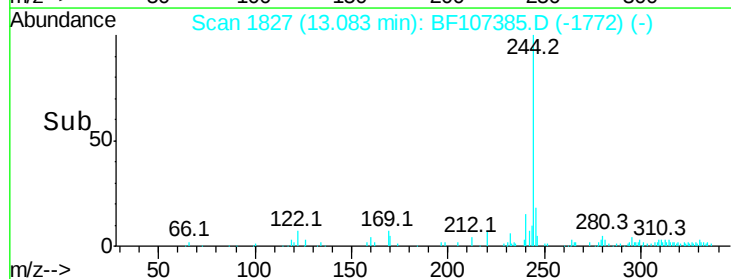
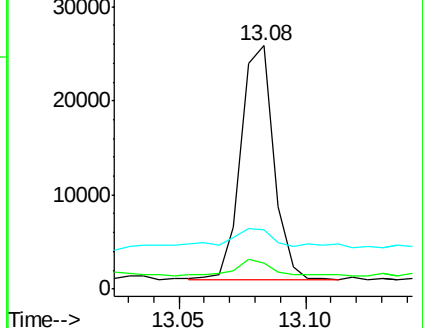
122 24.5 11.0 16.4#

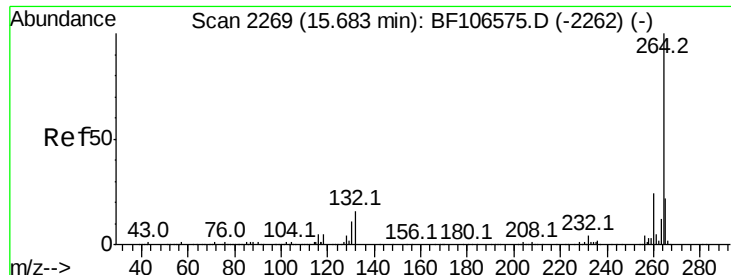


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

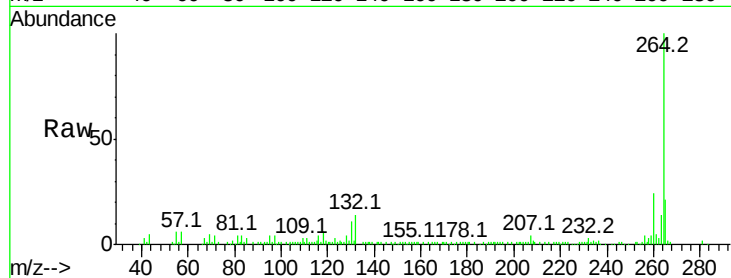




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. 0.01 min
 Lab File: BF107385.D
 Acq: 14 Jul 2018 00:29

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	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

