

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
 Data File : BF109588.D
 Acq On : 4 Oct 2018 15:56
 Operator : JU/SJ
 Sample : J5221-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100118-JETT-E-D-S

Quant Time: Oct 04 19:17:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	98417	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	378528	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	167704	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	259912	20.00	ng	0.00
75) Chrysene-d12	13.84	240	217919	20.00	ng	0.00
86) Perylene-d12	15.24	264	214692	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	241363	40.39	ng	0.00
7) Phenol-d6	6.34	99	198083	25.98	ng	-0.02
23) Nitrobenzene-d5	7.27	82	657071	102.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	141048	85.32	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1148289	103.27	ng	-0.01
78) Terphenyl-d14	12.80	244	826581	93.09	ng	0.00

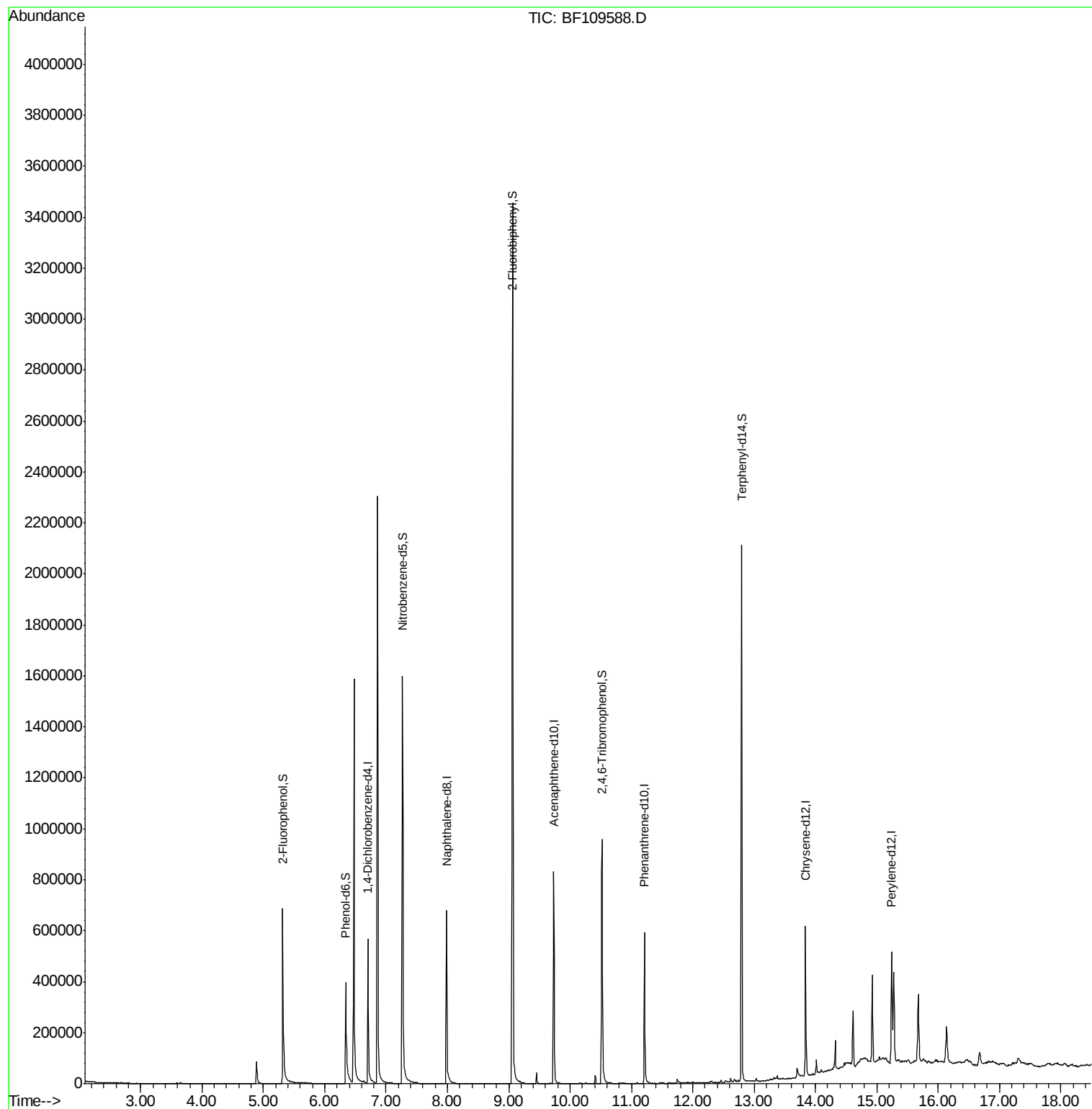
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
Data File : BF109588.D
Acq On : 4 Oct 2018 15:56
Operator : JU/SJ
Sample : J5221-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
100118-JETT-E-D-S

Quant Time: Oct 04 19:17:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration



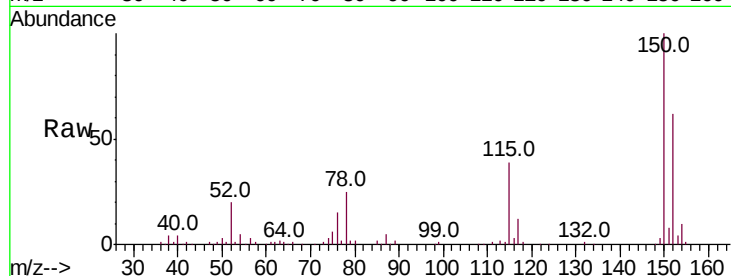


#1

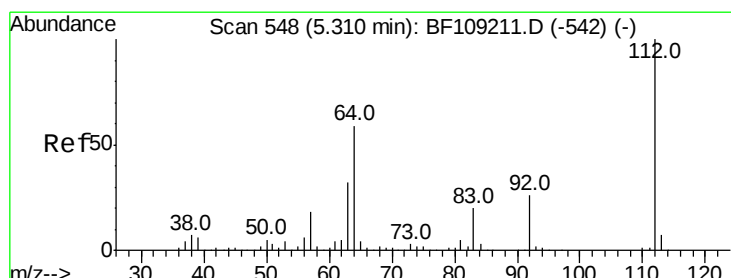
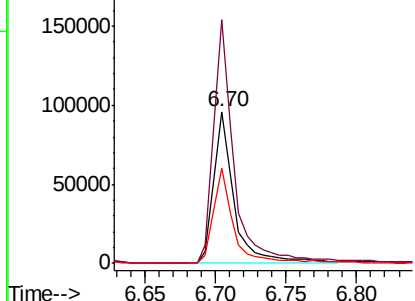
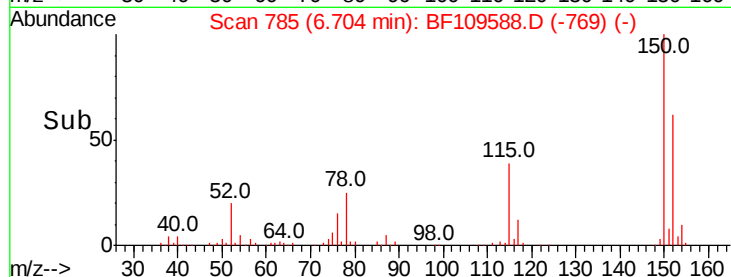
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109588.D
Acq: 4 Oct 2018 15:56

Instrument :
BNA_F
ClientSampleId :
100118-JETT-E-D-S

Tot Ion:152 Resp: 98417
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 62.6 50.1 75.1



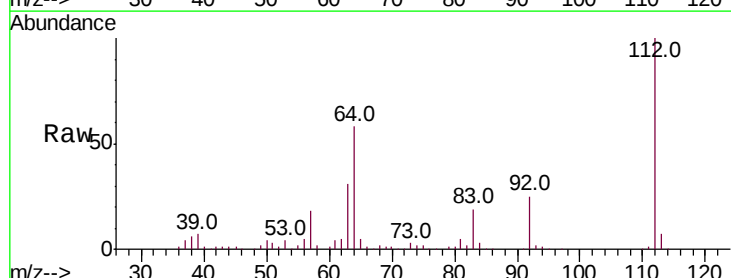
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



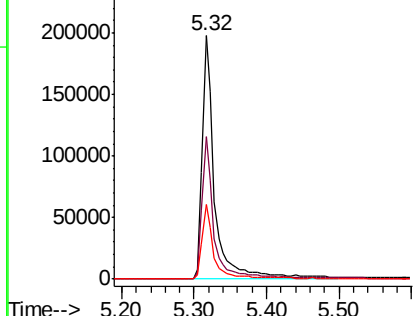
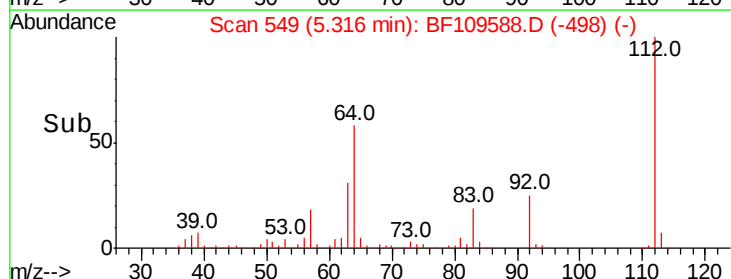
#5

2-Fluorophenol
Concen: 40.394 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109588.D
Acq: 4 Oct 2018 15:56

Tgt Ion:112 Resp: 241363
Ion Ratio Lower Upper
112 100
64 58.3 47.9 71.9
63 30.9 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: 25.979 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109588.D

Acq: 4 Oct 2018 15:56

Instrument :

BNA_F

ClientSampleId :

100118-JETT-E-D-S

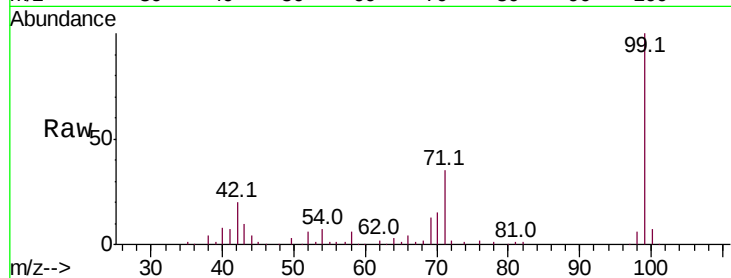
Tot Ion: 99 Resp: 198083

Ion Ratio Lower Upper

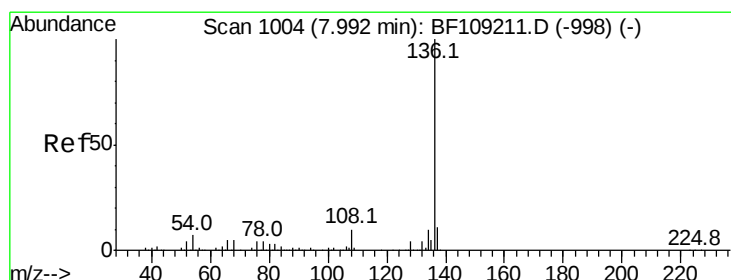
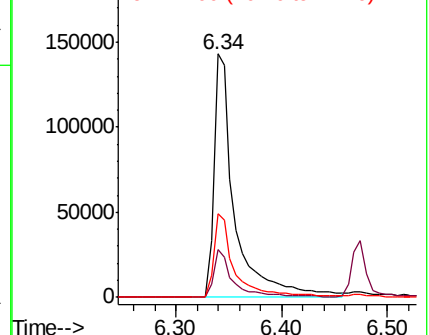
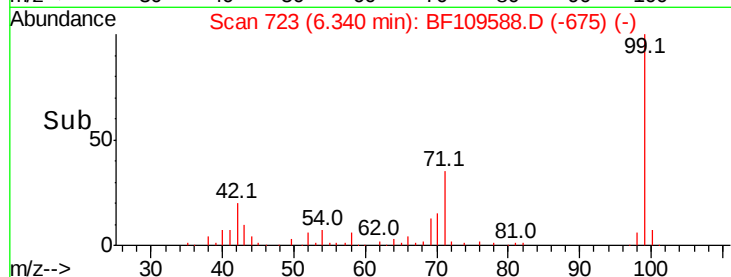
99 100

42 19.6 14.5 21.7

71 34.6 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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109588.D

Acq: 4 Oct 2018 15:56

Tgt Ion: 136 Resp: 378528

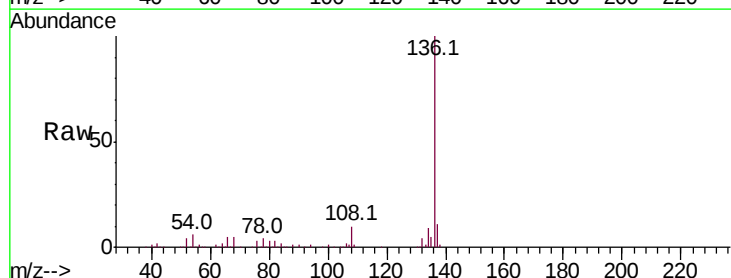
Ion Ratio Lower Upper

136 100

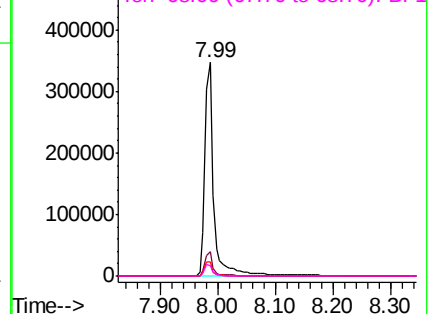
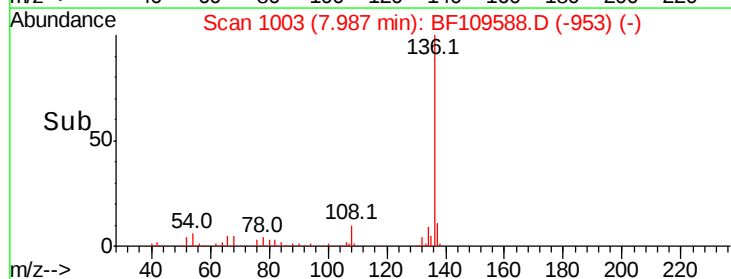
137 11.1 8.9 13.3

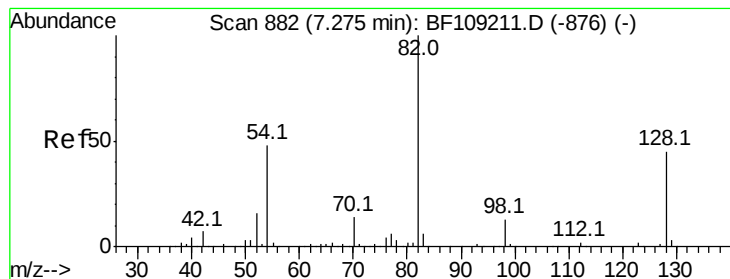
54 6.4 6.6 9.8#

68 5.0 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: 102.470 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109588.D

Acq: 4 Oct 2018 15:56

Instrument :

BNA_F

ClientSampleId :

100118-JETT-E-D-S

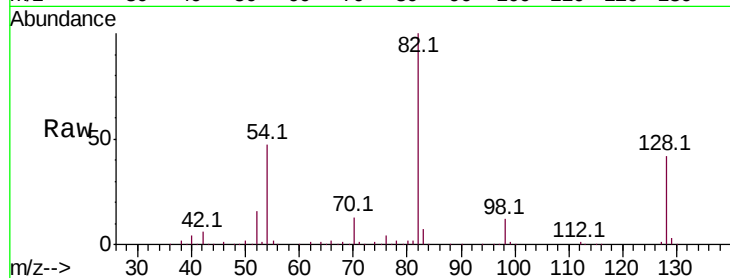
Tot Ion: 82 Resp: 657071

Ion Ratio Lower Upper

82 100

128 41.8 36.1 54.1

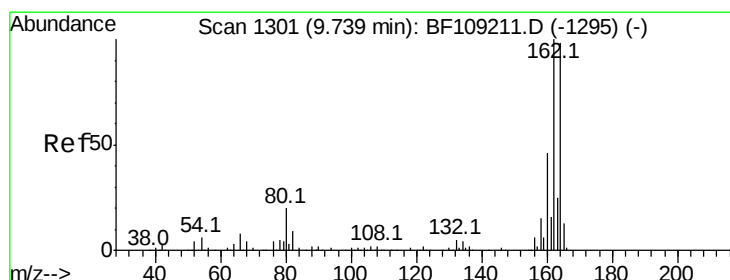
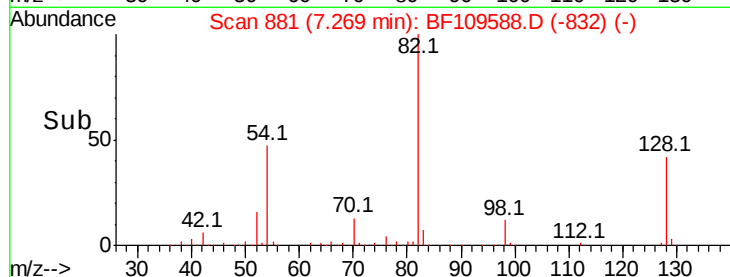
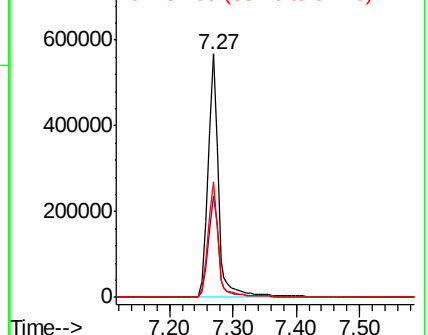
54 47.4 41.4 62.2



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: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109588.D

Acq: 4 Oct 2018 15:56

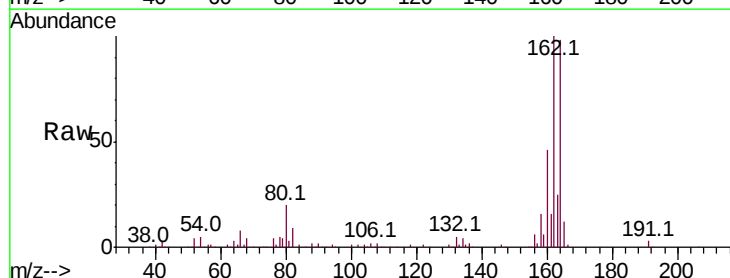
Tgt Ion:164 Resp: 167704

Ion Ratio Lower Upper

164 100

162 102.1 86.1 129.1

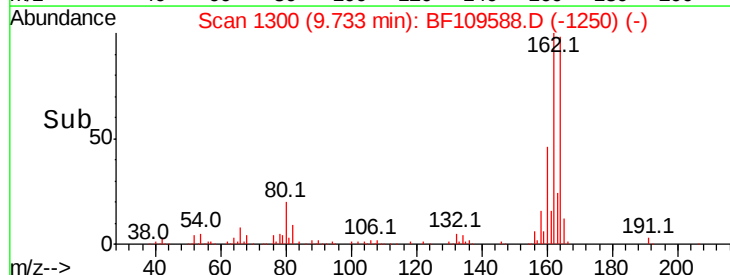
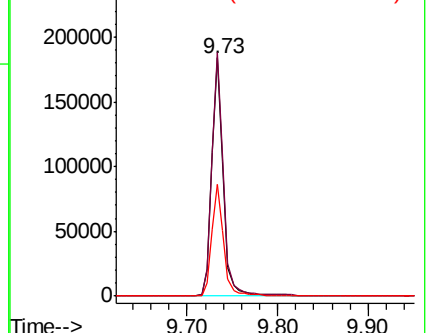
160 47.1 38.3 57.5



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

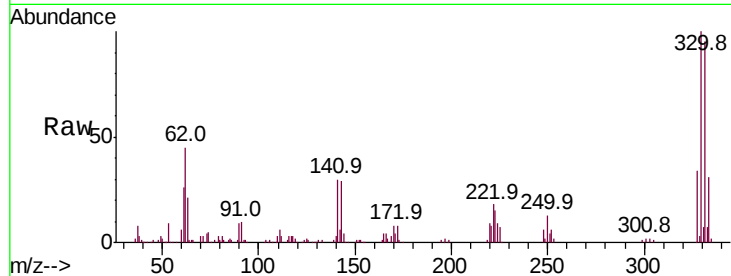




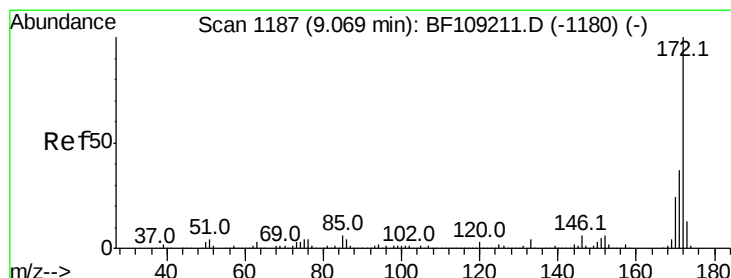
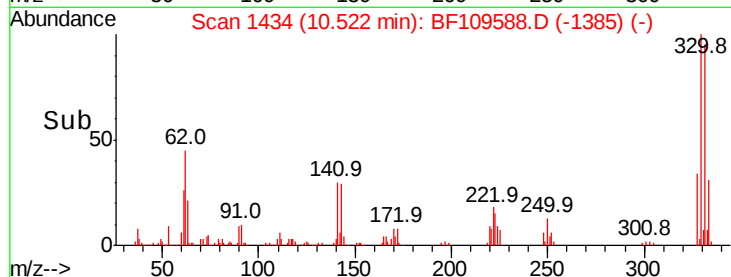
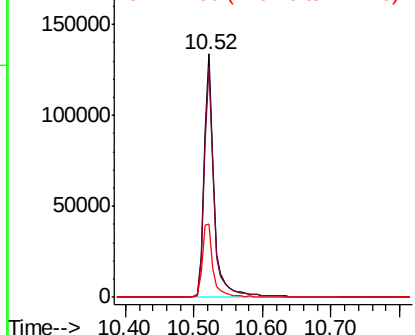
#41
 2,4,6-Tribromophenol
 Concen: 85.318 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109588.D
 Acq: 4 Oct 2018 15:56

Instrument :
 BNA_F
 ClientSampleId :
 100118-JETT-E-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	32.6	29.9	44.9

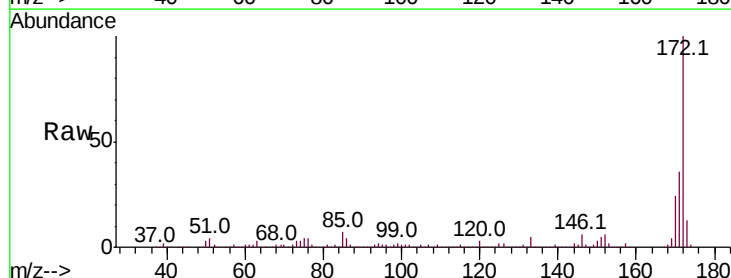


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

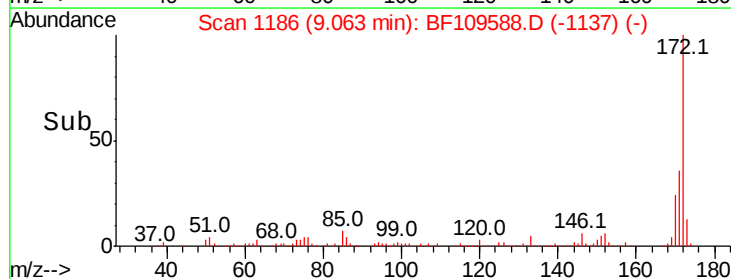
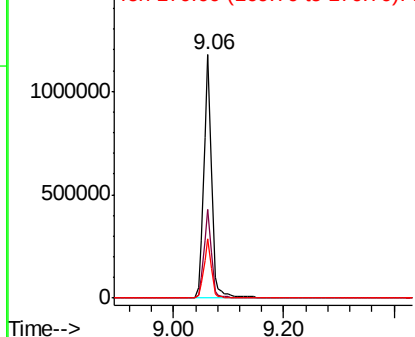


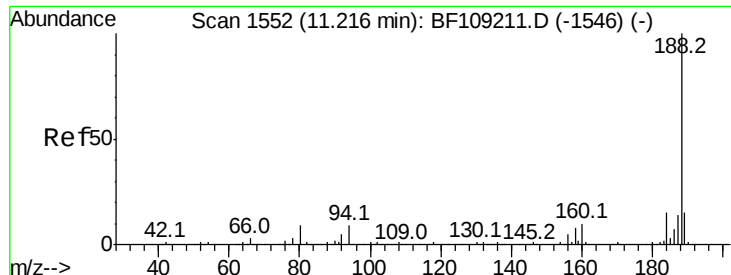
#44
 2-Fluorobiphenyl
 Concen: 103.268 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109588.D
 Acq: 4 Oct 2018 15:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	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: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF109588.D

Acq: 4 Oct 2018 15:56

Instrument :

BNA_F

ClientSampleId :

100118-JETT-E-D-S

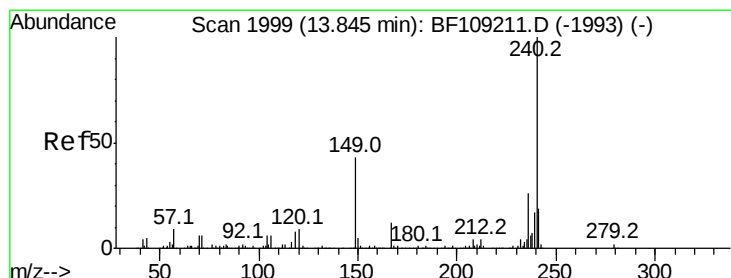
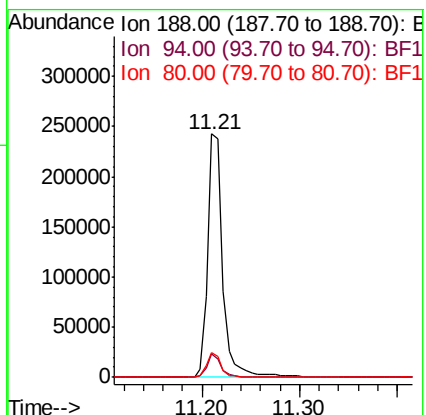
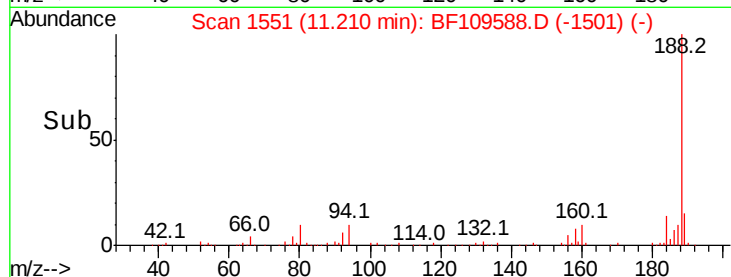
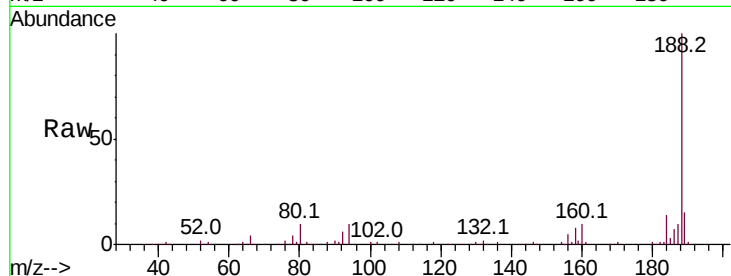
Tot Ion:188 Resp: 259912

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

80 10.3 9.2 13.8



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109588.D

Acq: 4 Oct 2018 15:56

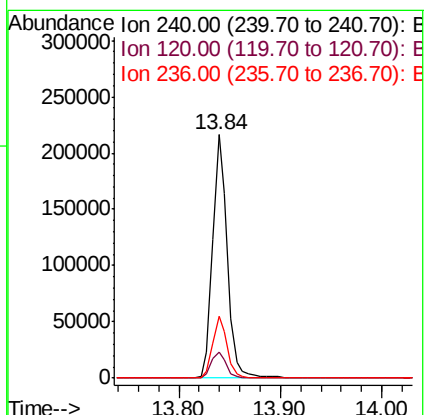
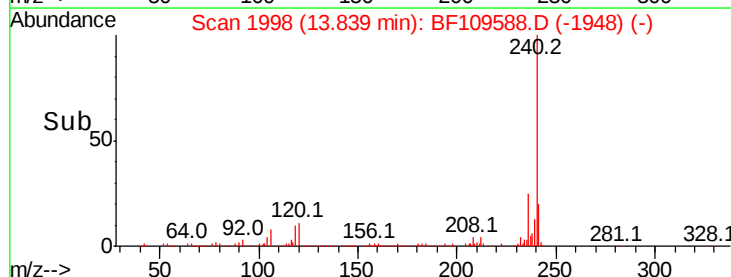
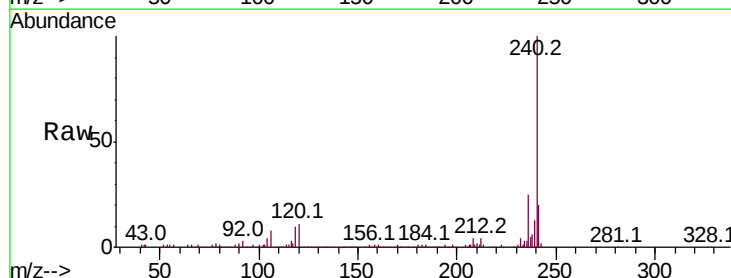
Tgt Ion:240 Resp: 217919

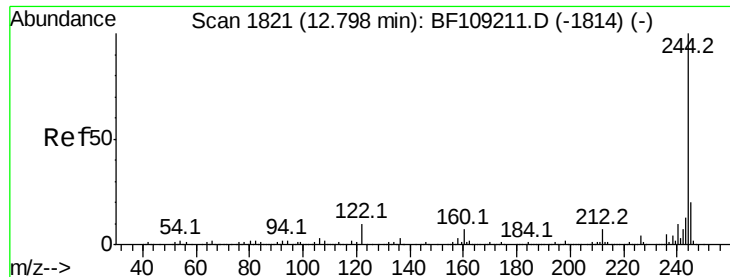
Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

236 25.5 20.7 31.1





#78

Terphenyl-d14

Concen: 93.088 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109588.D

Acq: 4 Oct 2018 15:56

Instrument :

BNA_F

ClientSampleId :

100118-JETT-E-D-S

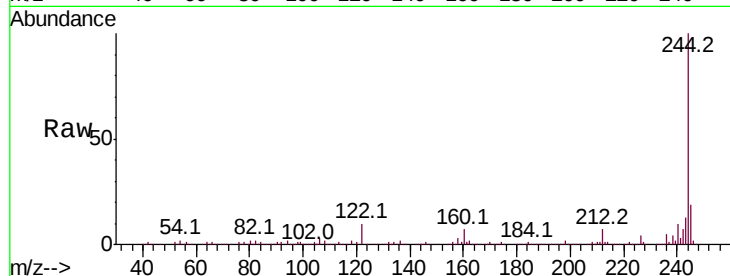
Tot Ion:244 Resp: 826581

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

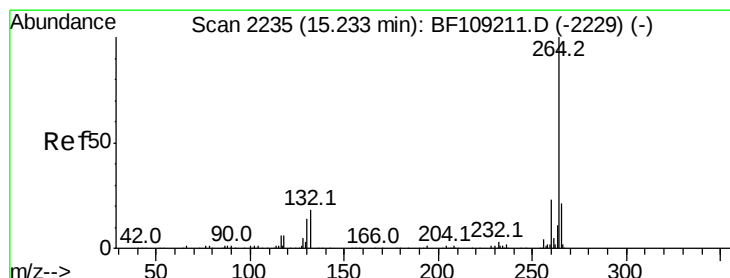
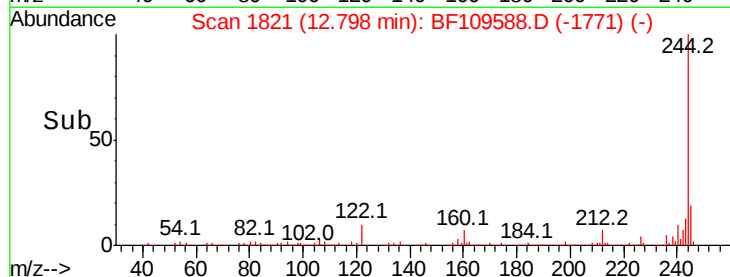
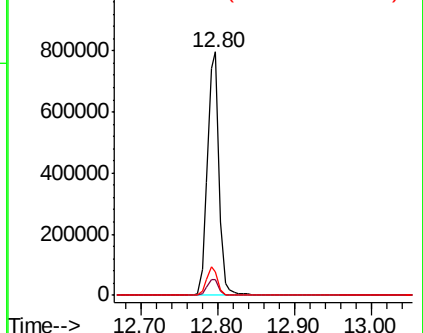
122 9.8 11.0 16.4#



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: 15.24 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF109588.D

Acq: 4 Oct 2018 15:56

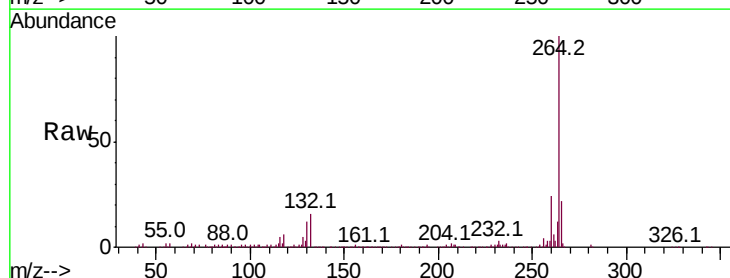
Tgt Ion:264 Resp: 214692

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.9 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

