

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109420.D
 Acq On : 28 Sep 2018 7:29
 Operator : JU/SJ
 Sample : PB113249BL
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BL

Quant Time: Sep 28 08:25:53 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	112599	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	421208	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	195823	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	330792	20.00	ng	0.00
75) Chrysene-d12	13.84	240	256306	20.00	ng	0.00
86) Perylene-d12	15.24	264	212218	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	643512	94.13	ng	0.01
7) Phenol-d6	6.35	99	826837	94.78	ng	-0.01
23) Nitrobenzene-d5	7.27	82	767208	107.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	182798	94.69	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1367264	105.30	ng	0.00
78) Terphenyl-d14	12.80	244	1114094	106.68	ng	0.00

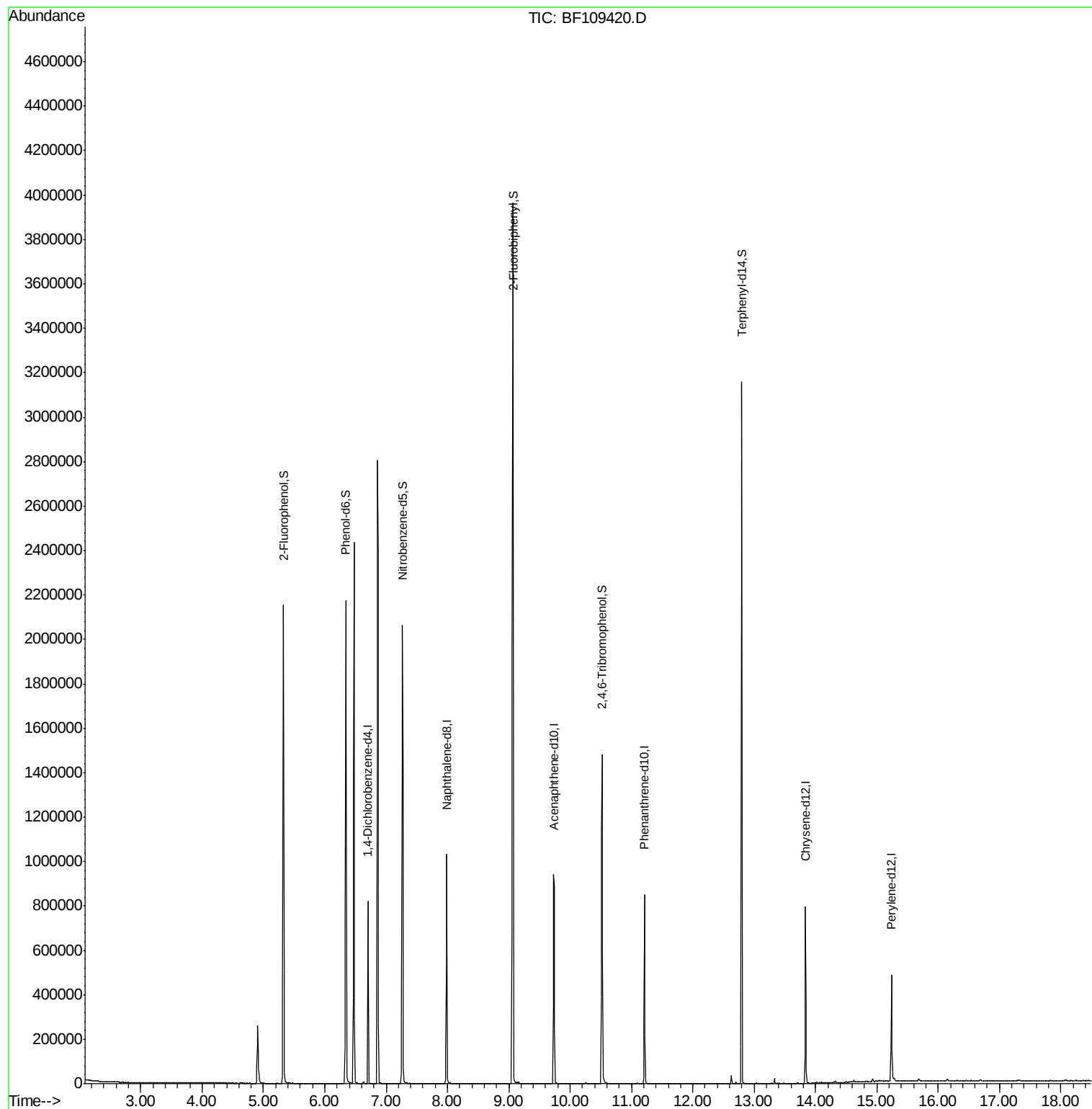
Target Compounds Qvalue

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

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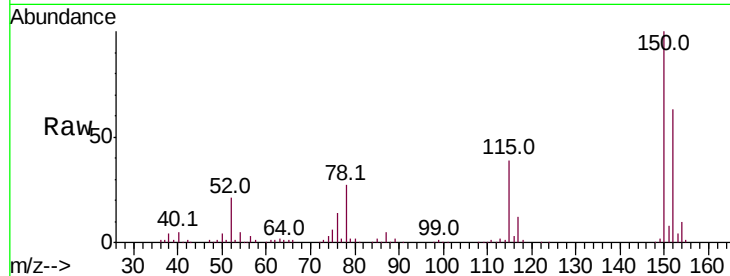


#1

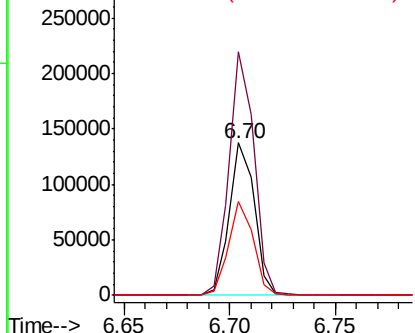
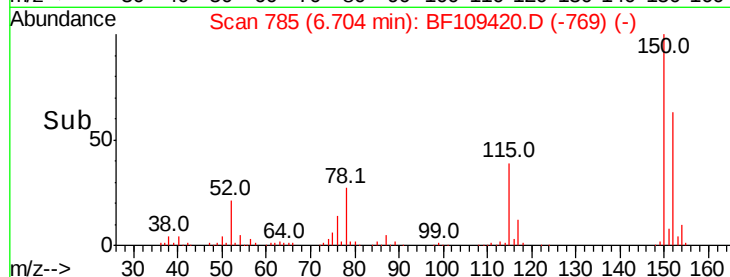
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109420.D
 Acq: 28 Sep 2018 7:29

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BL

Tot Ion:152 Resp: 112599
 Ion Ratio Lower Upper
 152 100
 150 159.7 124.6 186.8
 115 61.6 50.1 75.1



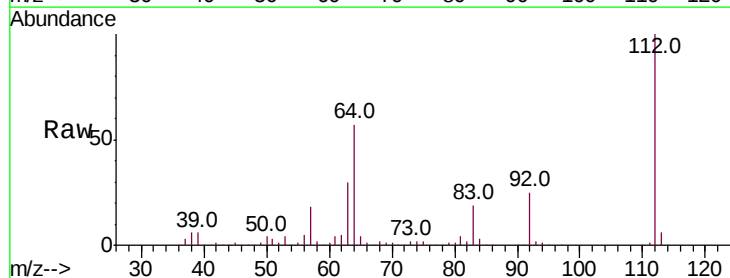
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



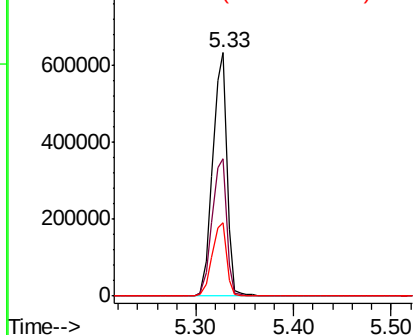
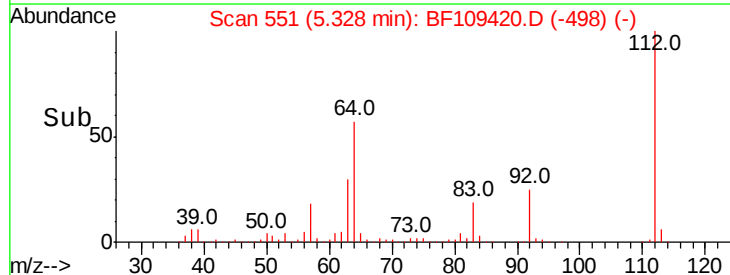
#5

2-Fluorophenol
 Concen: 94.132 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF109420.D
 Acq: 28 Sep 2018 7:29

Tgt Ion:112 Resp: 643512
 Ion Ratio Lower Upper
 112 100
 64 56.6 47.9 71.9
 63 29.9 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: 94.784 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109420.D

Acq: 28 Sep 2018 7:29

Instrument :

BNA_F

ClientSampleId :

PB113249BL

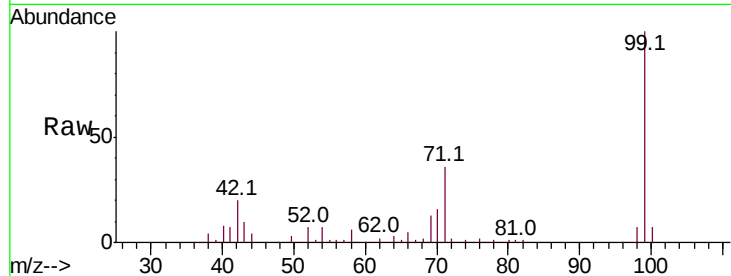
Tot Ion: 99 Resp: 826837

Ion Ratio Lower Upper

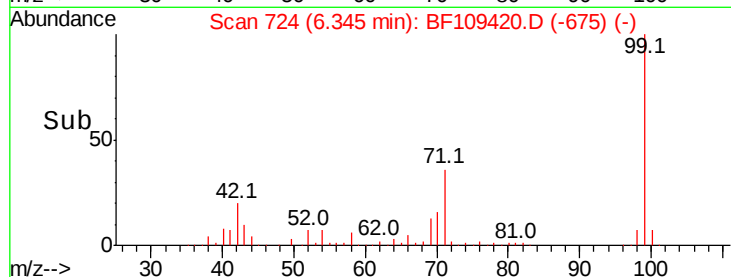
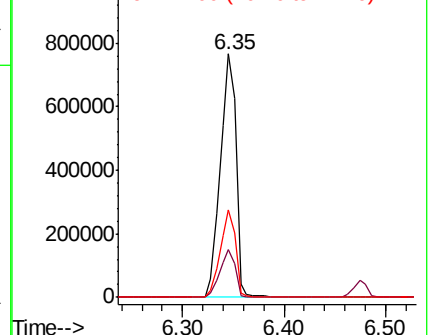
99 100

42 19.6 14.5 21.7

71 35.7 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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109420.D

Acq: 28 Sep 2018 7:29

Tgt Ion: 136 Resp: 421208

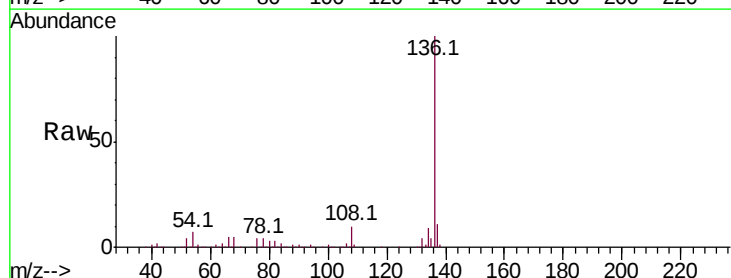
Ion Ratio Lower Upper

136 100

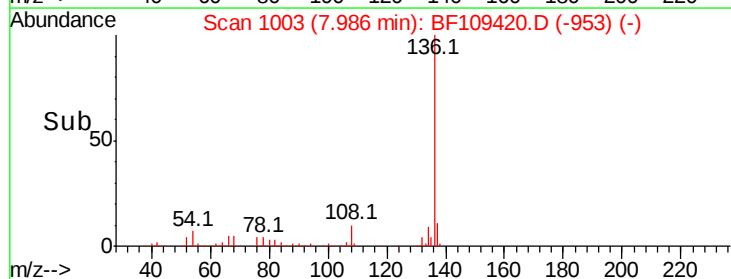
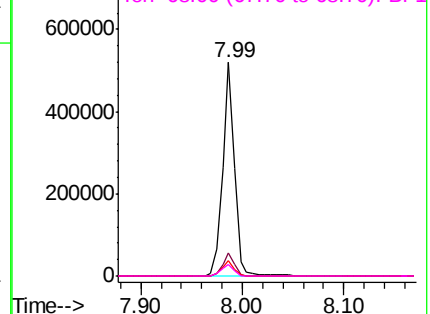
137 10.8 8.9 13.3

54 7.0 6.6 9.8

68 5.4 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

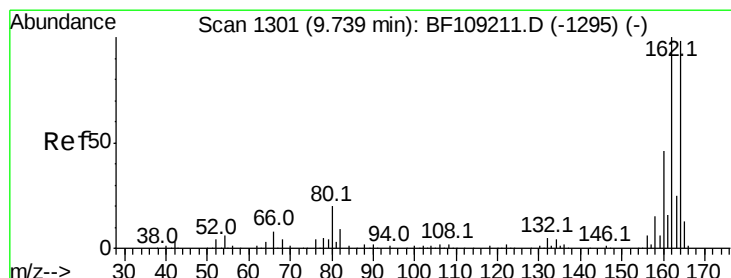
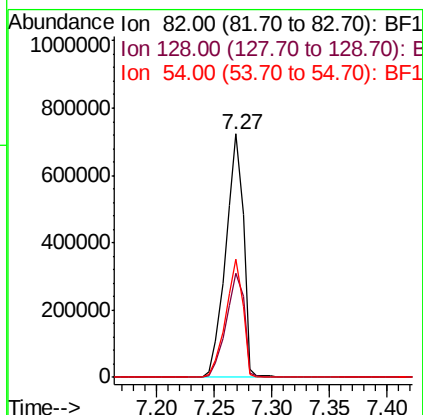
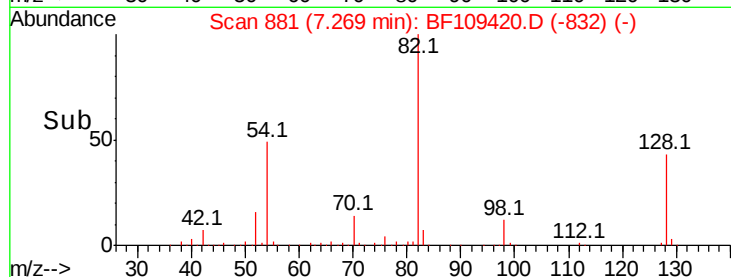
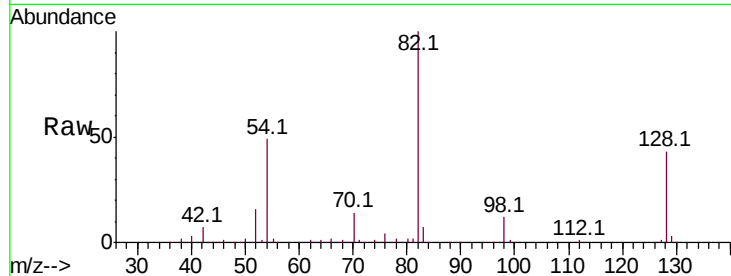




#23
Nitrobenzene-d5
Concen: 107.523 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109420.D
Acq: 28 Sep 2018 7:29

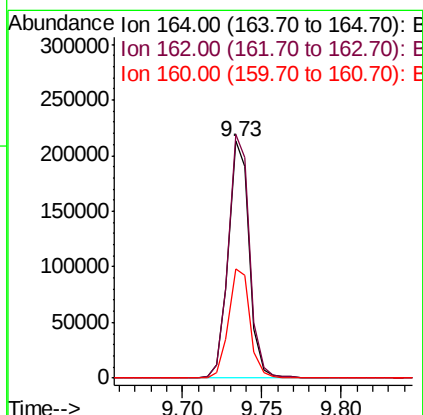
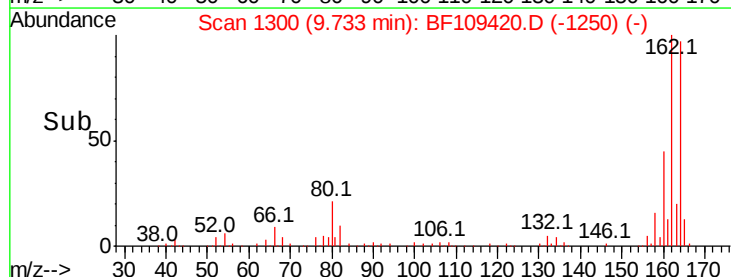
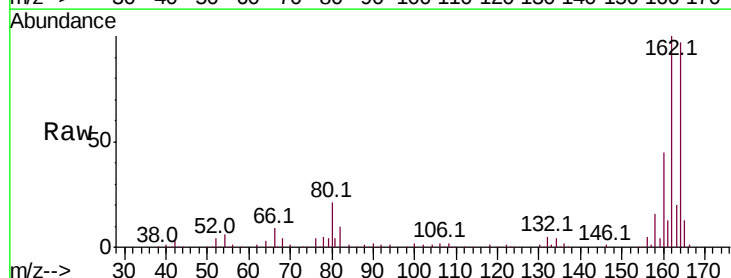
Instrument :
BNA_F
ClientSampleId :
PB113249BL

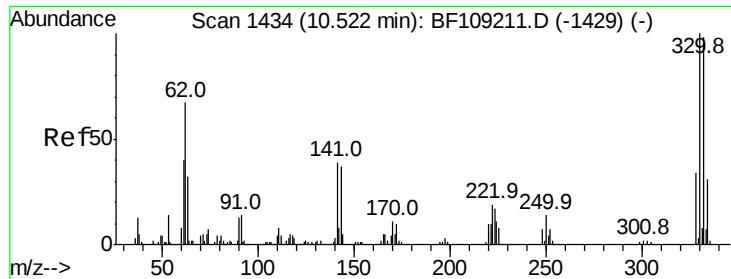
Tot Ion: 82 Resp: 767208
Ion Ratio Lower Upper
82 100
128 42.7 36.1 54.1
54 48.7 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109420.D
Acq: 28 Sep 2018 7:29

Tgt Ion: 164 Resp: 195823
Ion Ratio Lower Upper
164 100
162 102.8 86.1 129.1
160 45.9 38.3 57.5

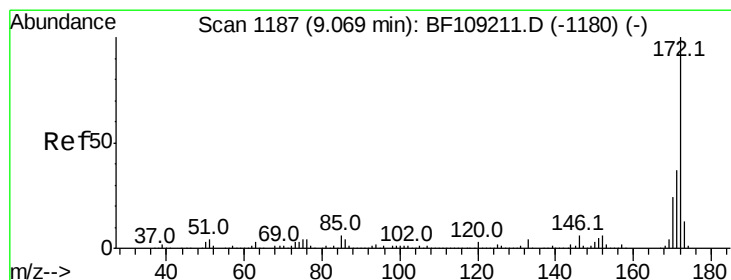
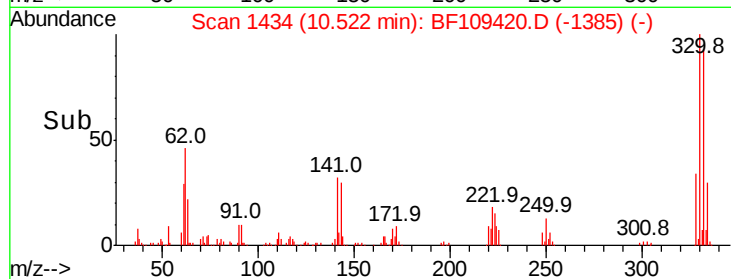
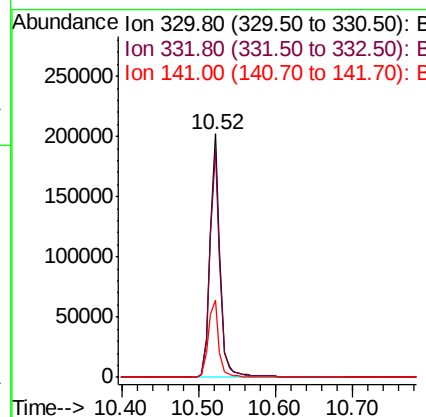
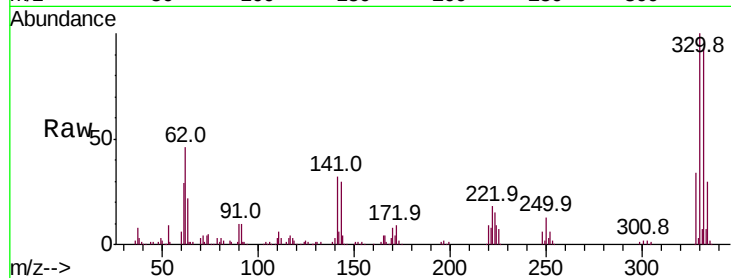




#41
 2,4,6-Tribromophenol
 Concen: 94.694 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109420.D
 Acq: 28 Sep 2018 7:29

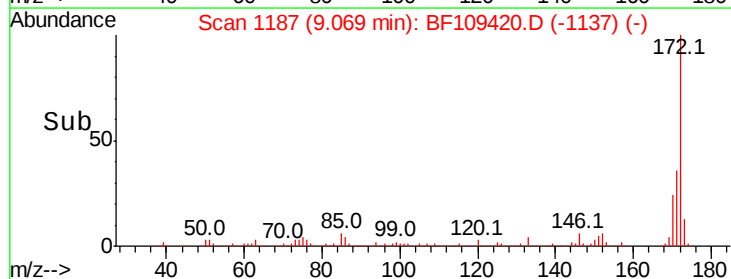
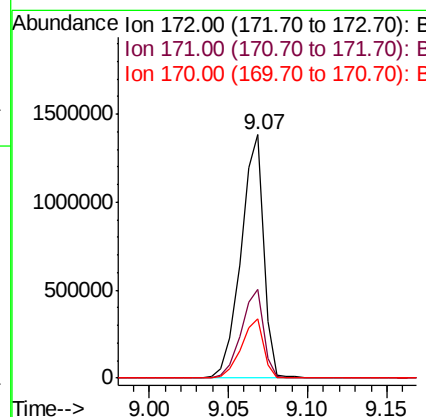
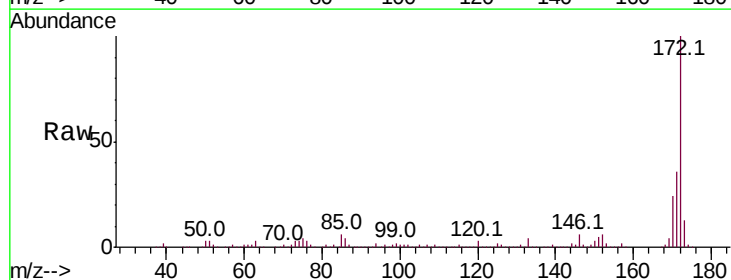
Instrument :
 BNA_F
 ClientSampleId :
 PB113249BL

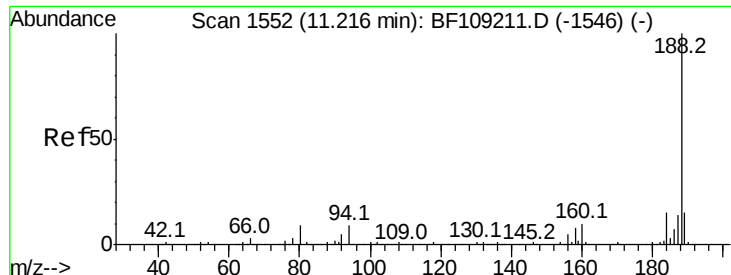
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	33.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 105.304 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109420.D
 Acq: 28 Sep 2018 7:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4

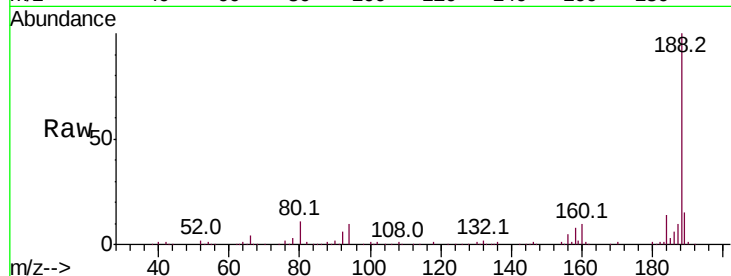




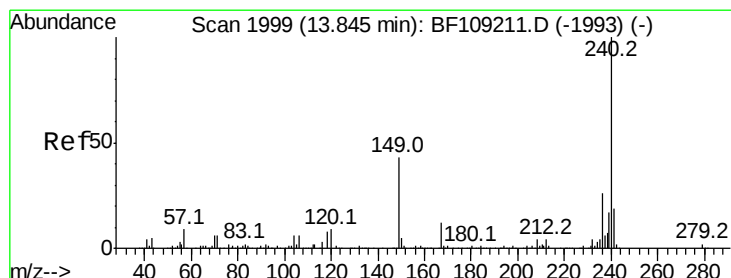
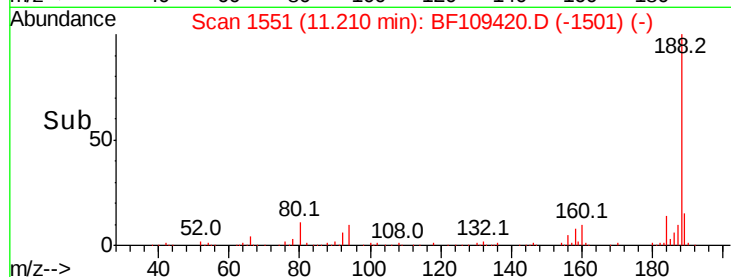
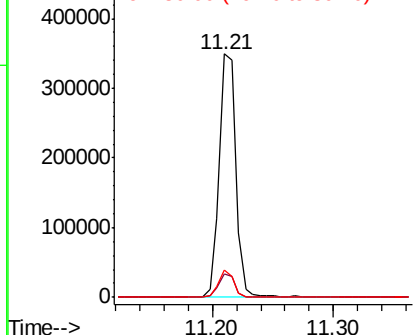
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109420.D
 Acq: 28 Sep 2018 7:29

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BL

Tot Ion:188 Resp: 330792
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.5 12.7
 80 11.0 9.2 13.8

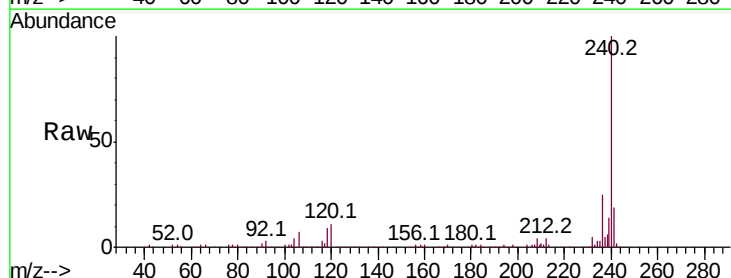


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

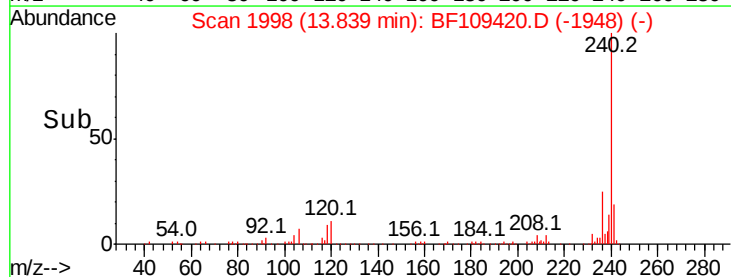
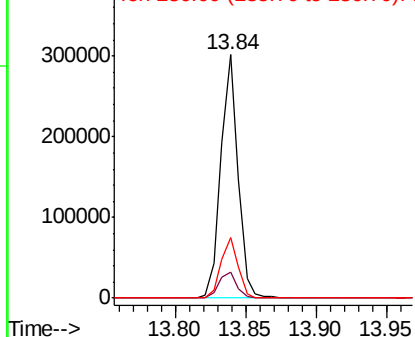


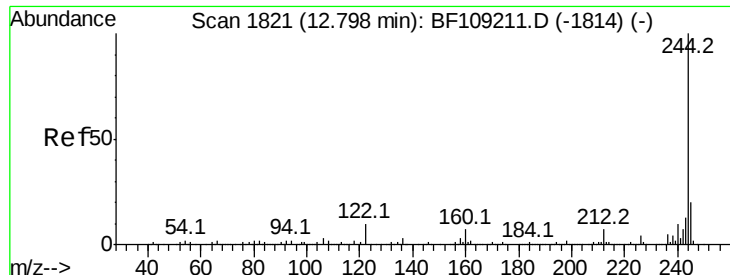
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF109420.D
 Acq: 28 Sep 2018 7:29

Tgt Ion:240 Resp: 256306
 Ion Ratio Lower Upper
 240 100
 120 10.6 9.5 14.3
 236 25.1 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: 106.676 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109420.D

Acq: 28 Sep 2018 7:29

Instrument :

BNA_F

ClientSampleId :

PB113249BL

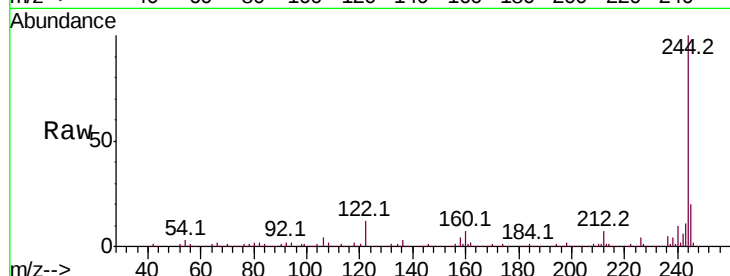
Tot Ion:244 Resp: 1114094

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

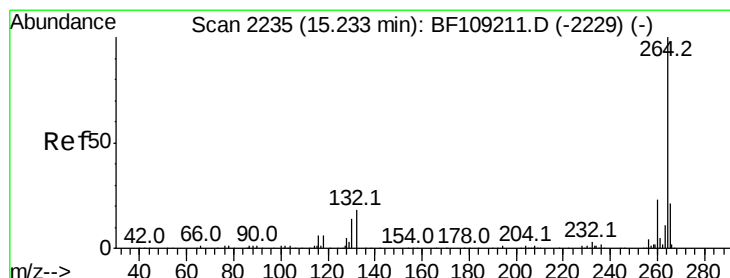
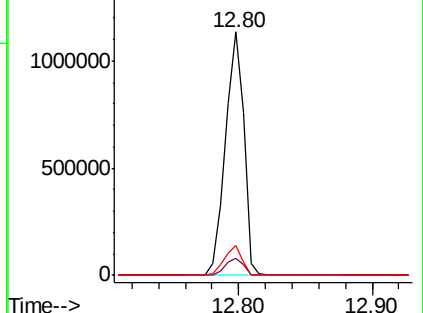
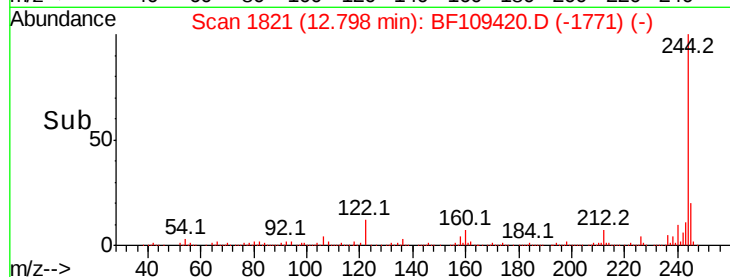
122 12.1 11.0 16.4



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# 2236

Delta R.T. 0.00 min

Lab File: BF109420.D

Acq: 28 Sep 2018 7:29

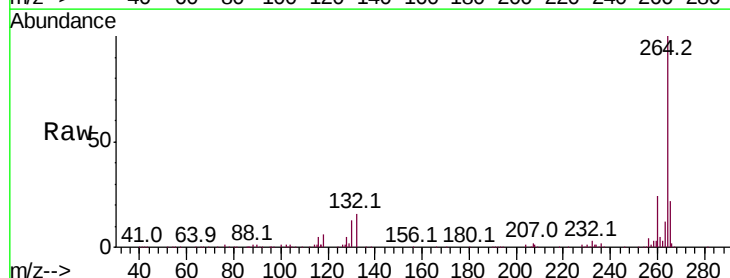
Tgt Ion:264 Resp: 212218

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.0 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

