

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109329.D
 Acq On : 26 Sep 2018 10:52
 Operator : JU/SJ
 Sample : PB113191BL
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113191BL

Quant Time: Sep 26 13:07:58 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	119511	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	448010	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	199744	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	314480	20.00	ng	0.00
75) Chrysene-d12	13.84	240	264378	20.00	ng	0.00
86) Perylene-d12	15.24	264	189860	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	559025	77.04	ng	0.00
7) Phenol-d6	6.35	99	710487	76.74	ng	-0.01
23) Nitrobenzene-d5	7.27	82	642097	84.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	139625	70.91	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1122521	84.76	ng	0.00
78) Terphenyl-d14	12.80	244	902149	83.74	ng	0.00

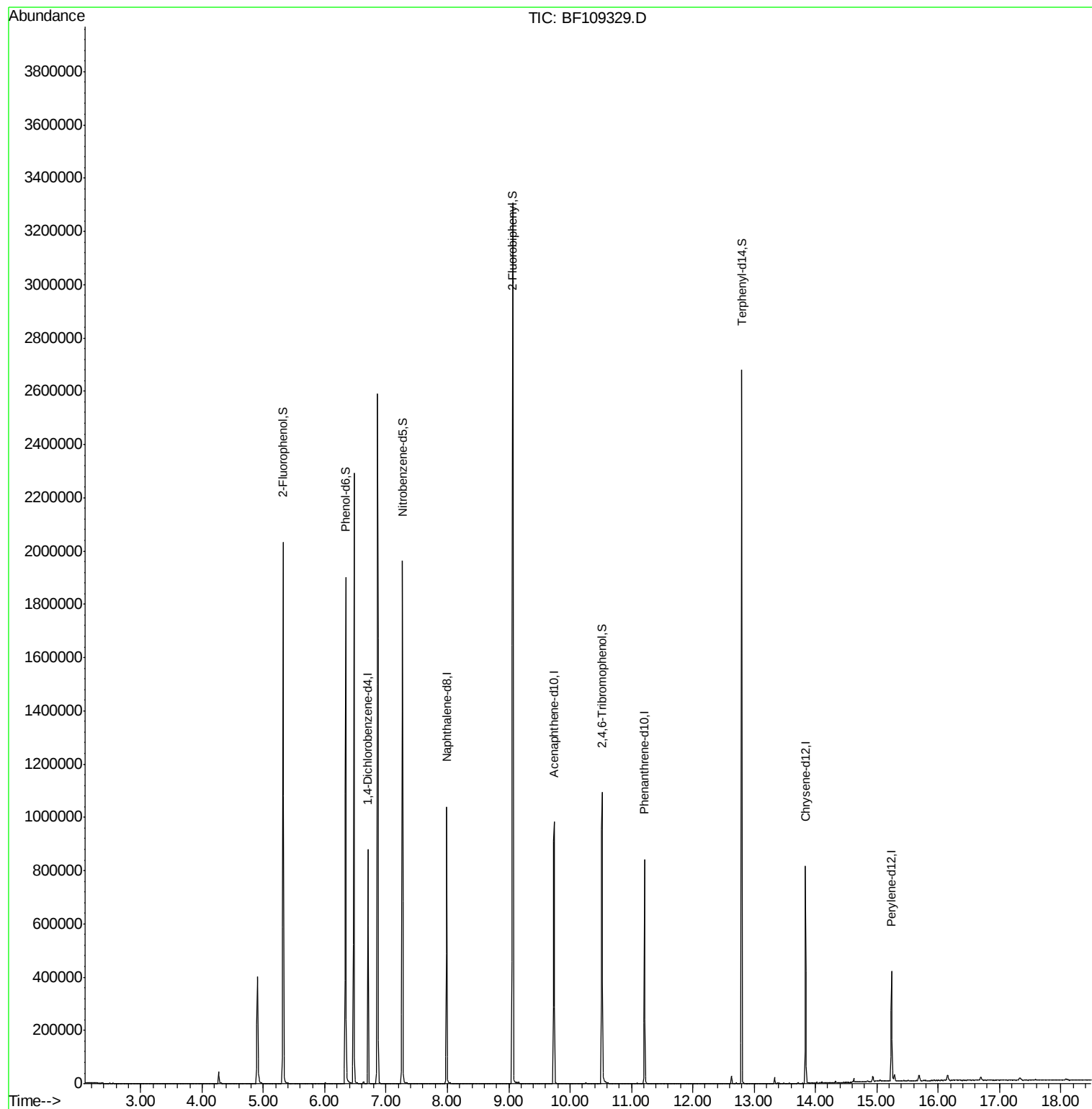
Target Compounds Qvalue

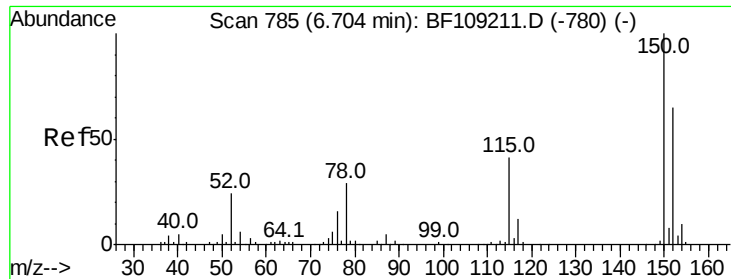
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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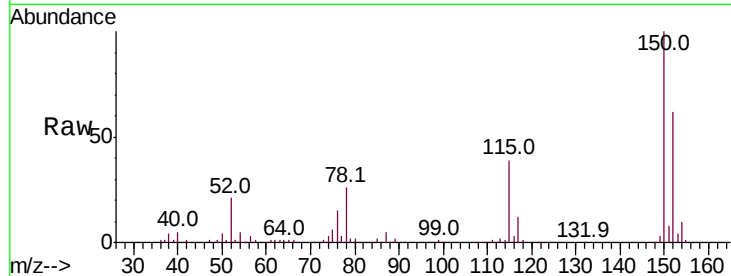


#1

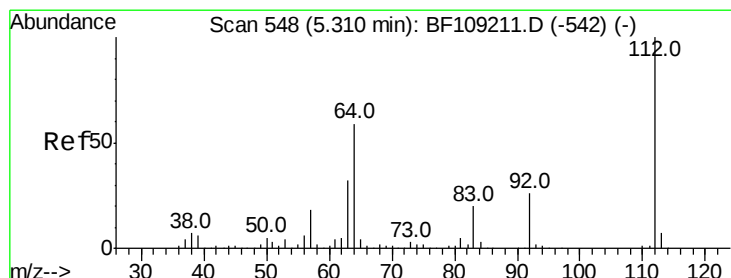
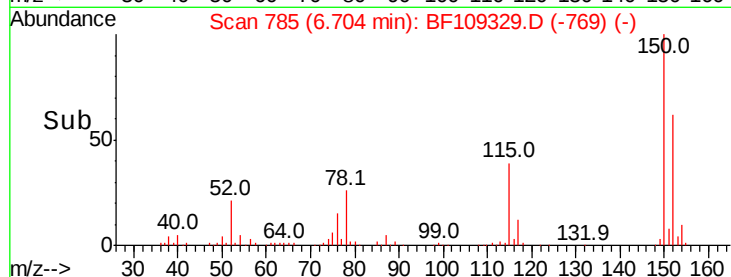
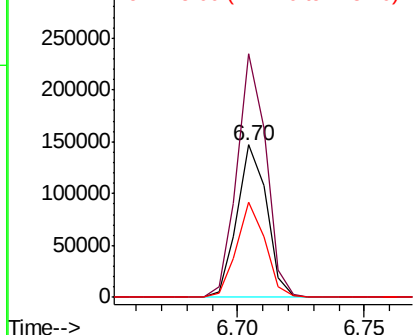
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109329.D
 Acq: 26 Sep 2018 10:52

Instrument :
 BNA_F
 ClientSampleId :
 PB113191BL

Tot Ion:152 Resp: 119511
 Ion Ratio Lower Upper
 152 100
 150 160.0 124.6 186.8
 115 62.6 50.1 75.1



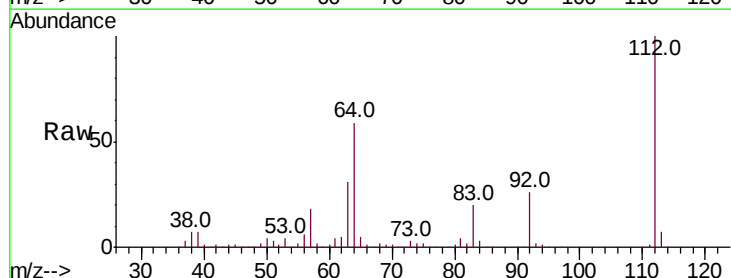
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



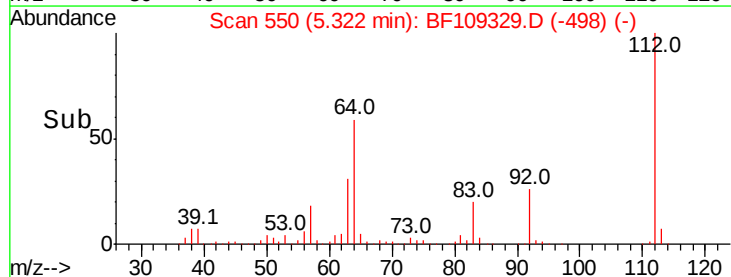
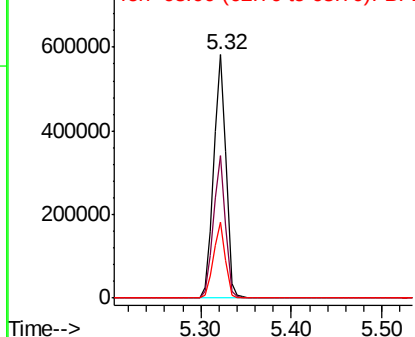
#5

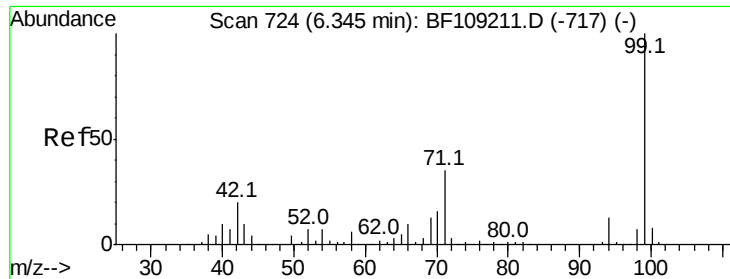
2-Fluorophenol
 Concen: 77.044 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF109329.D
 Acq: 26 Sep 2018 10:52

Tgt Ion:112 Resp: 559025
 Ion Ratio Lower Upper
 112 100
 64 58.7 47.9 71.9
 63 31.1 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: 76.736 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109329.D

Acq: 26 Sep 2018 10:52

Instrument :

BNA_F

ClientSampleId :

PB113191BL

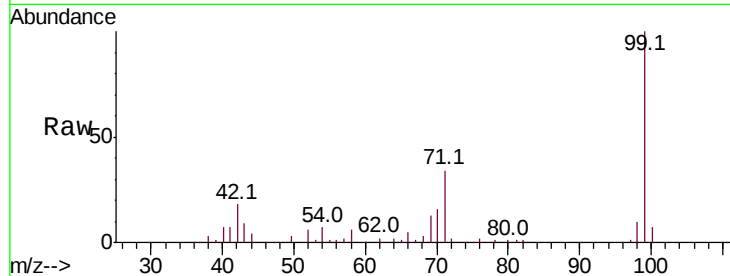
Tot Ion: 99 Resp: 710487

Ion Ratio Lower Upper

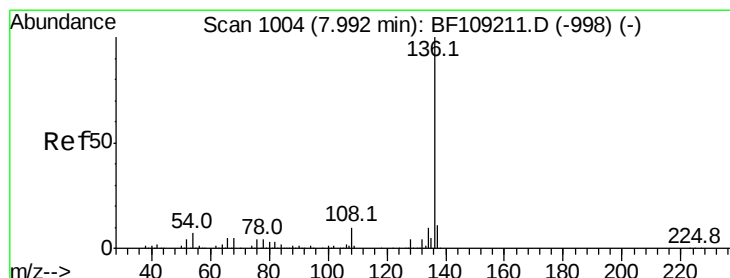
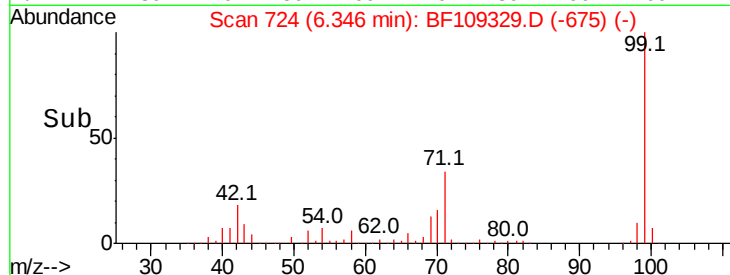
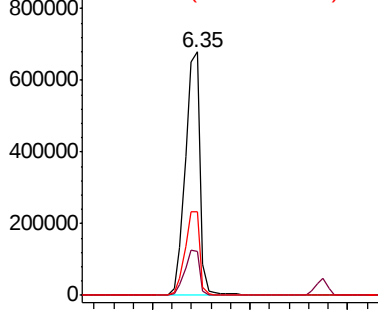
99 100

42 18.2 14.5 21.7

71 34.1 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: BF109329.D

Acq: 26 Sep 2018 10:52

Tgt Ion: 136 Resp: 448010

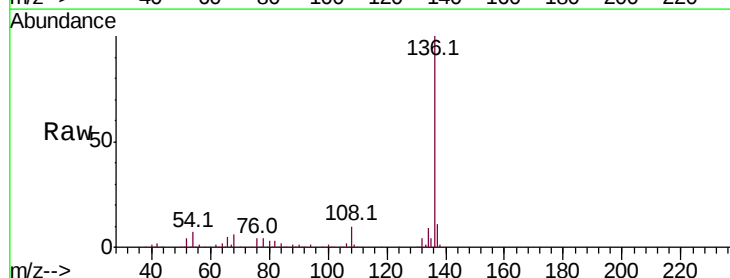
Ion Ratio Lower Upper

136 100

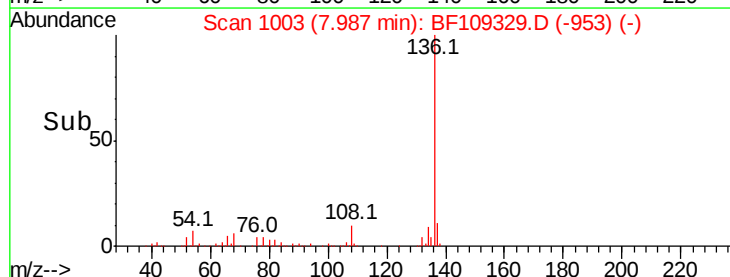
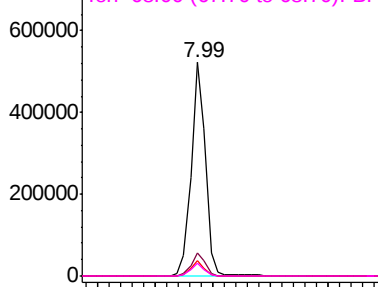
137 10.9 8.9 13.3

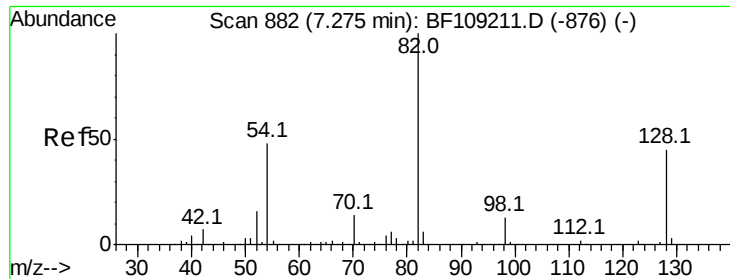
54 7.4 6.6 9.8

68 5.8 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

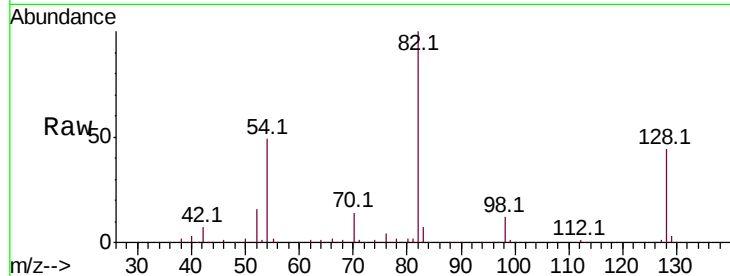




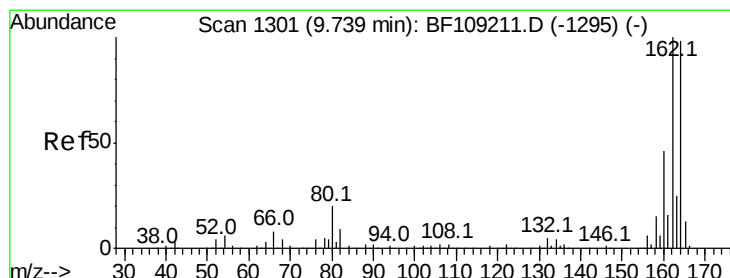
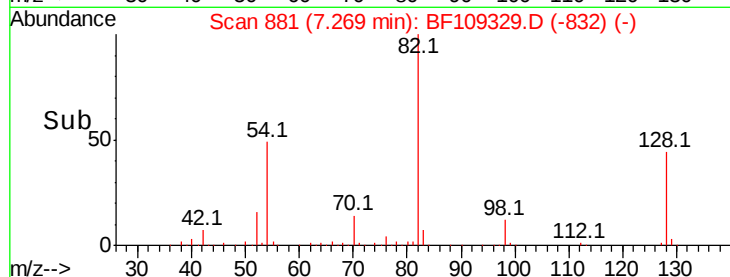
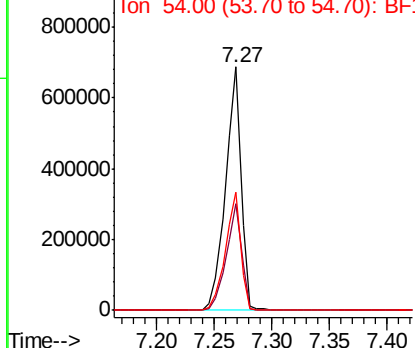
#23
Nitrobenzene-d5
Concen: 84.605 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109329.D
Acq: 26 Sep 2018 10:52

Instrument :
BNA_F
ClientSampleId :
PB113191BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	48.5	41.4	62.2

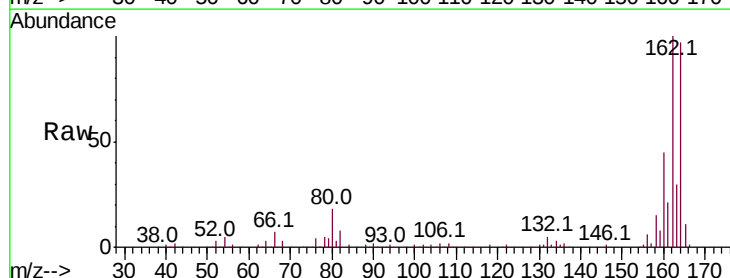


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

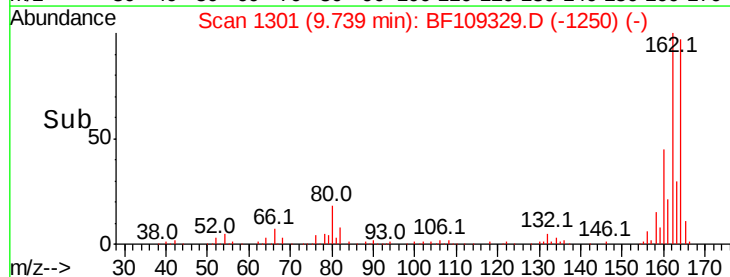
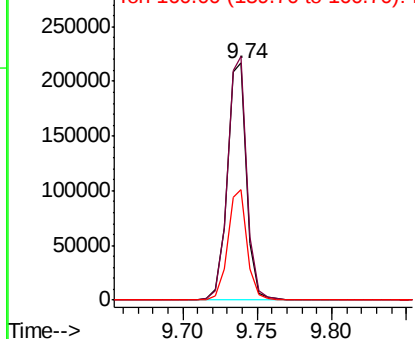


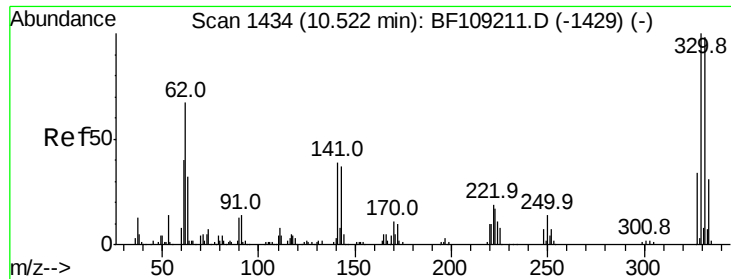
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109329.D
Acq: 26 Sep 2018 10:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	46.5	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

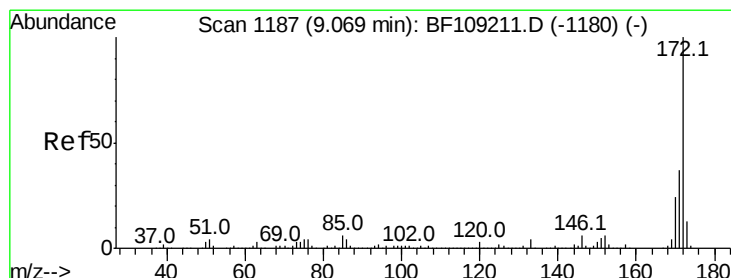
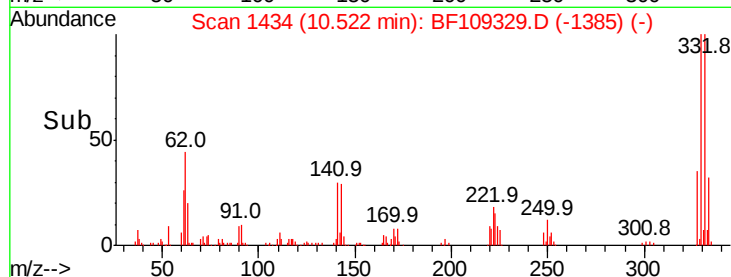
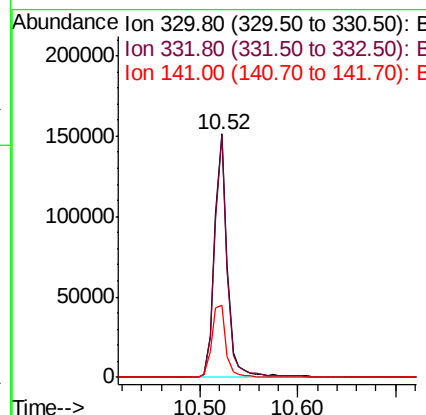
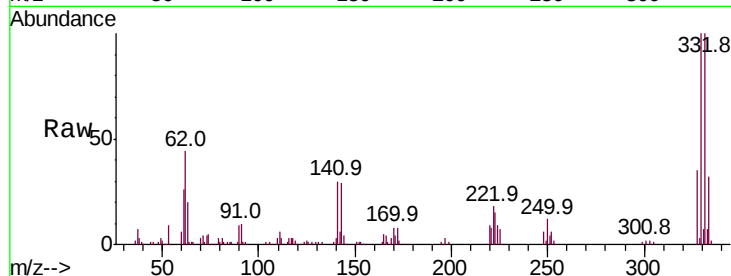




#41
 2,4,6-Tribromophenol
 Concen: 70.909 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109329.D
 Acq: 26 Sep 2018 10:52

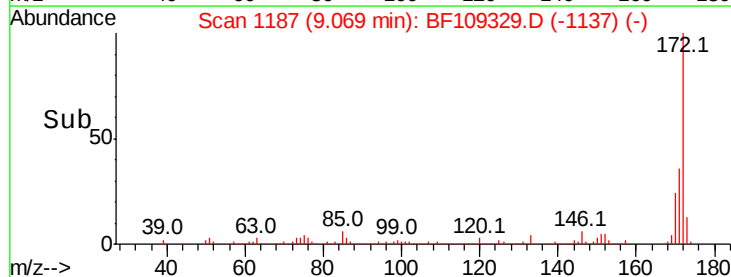
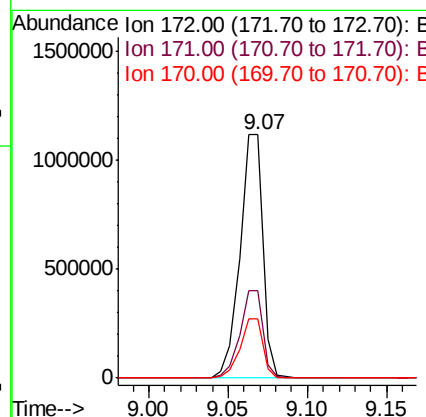
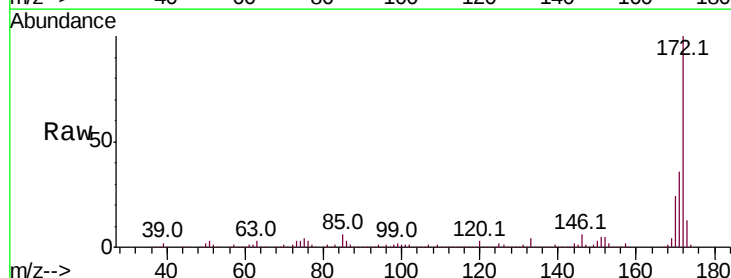
Instrument :
 BNA_F
 ClientSampleId :
 PB113191BL

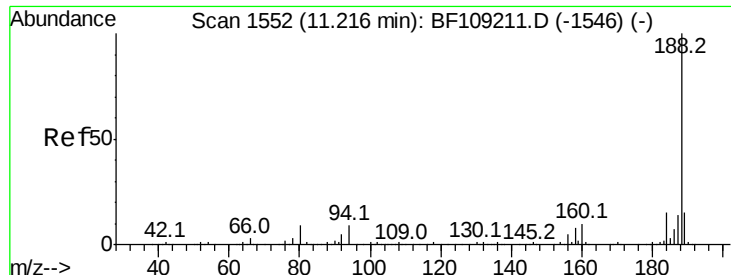
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	33.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 84.757 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109329.D
 Acq: 26 Sep 2018 10:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.3	19.6	29.4

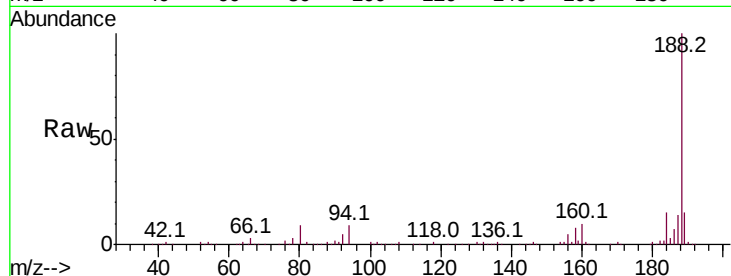




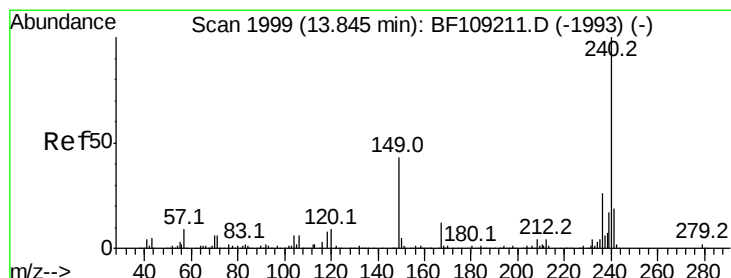
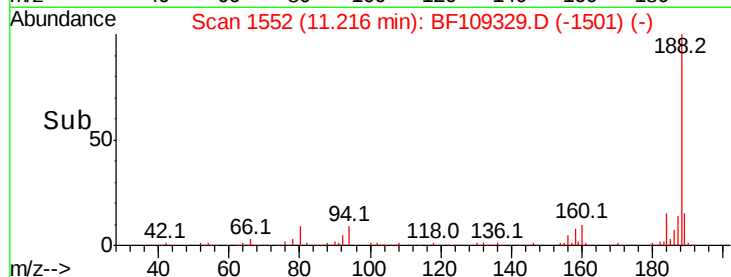
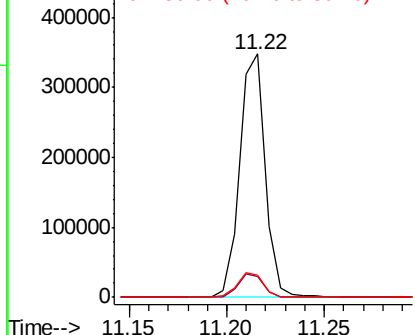
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109329.D
Acq: 26 Sep 2018 10:52

Instrument :
BNA_F
ClientSampleId :
PB113191BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.1	9.2	13.8#

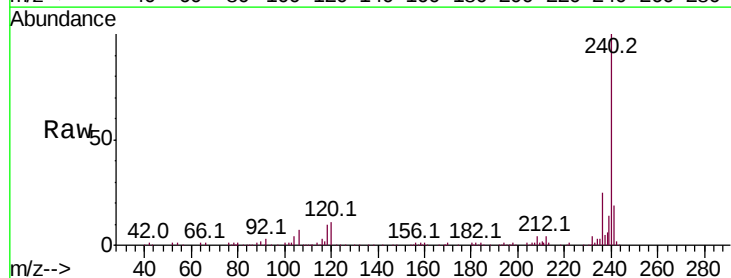


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

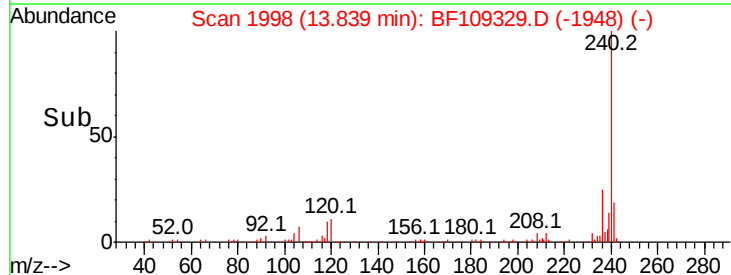
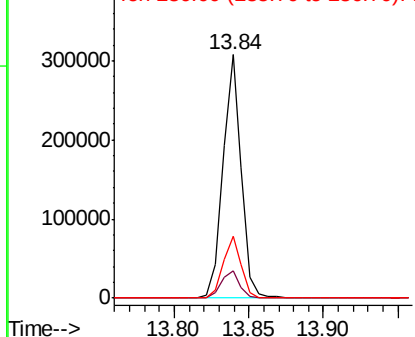


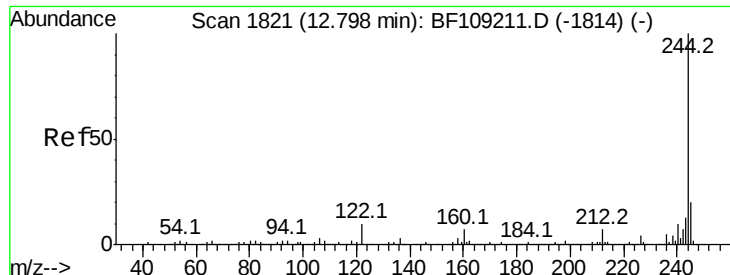
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109329.D
Acq: 26 Sep 2018 10:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	25.2	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: 83.745 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109329.D

Acq: 26 Sep 2018 10:52

Instrument :

BNA_F

ClientSampleId :

PB113191BL

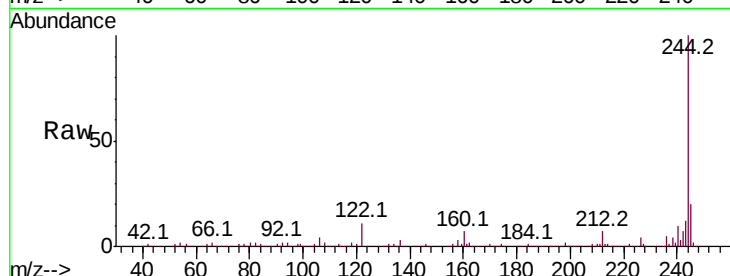
Tot Ion:244 Resp: 902149

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

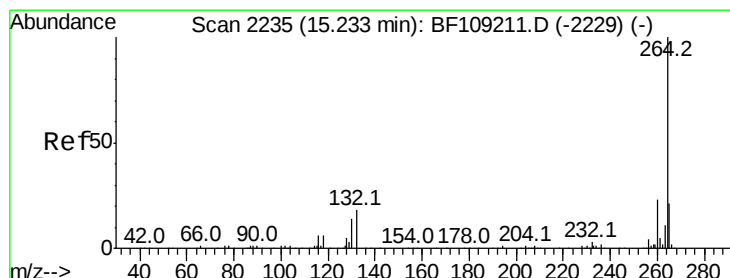
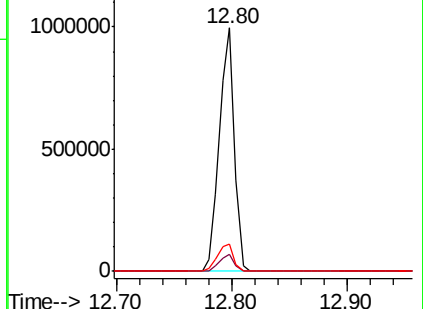
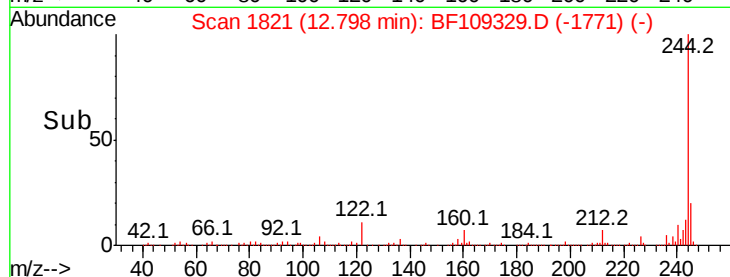
122 11.3 11.0 16.4



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: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF109329.D

Acq: 26 Sep 2018 10:52

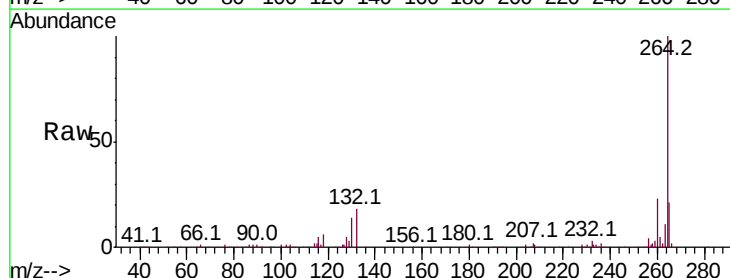
Tgt Ion:264 Resp: 189860

Ion Ratio Lower Upper

264 100

260 23.4 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

