

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
 Data File : BF109182.D
 Acq On : 20 Sep 2018 15:21
 Operator : JU/SJ
 Sample : PB113049BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113049BL

Quant Time: Sep 20 15:47:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	155546	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	620551	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	314485	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	645630	20.00	ng	0.00
75) Chrysene-d12	13.85	240	558264	20.00	ng	0.00
86) Perylene-d12	15.26	264	441840	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	715757	76.43	ng	0.02
7) Phenol-d6	6.35	99	939629	77.81	ng	0.00
23) Nitrobenzene-d5	7.28	82	595659	53.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	267426	78.36	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1126348	56.11	ng	0.00
78) Terphenyl-d14	12.81	244	1244754	52.85	ng	0.00

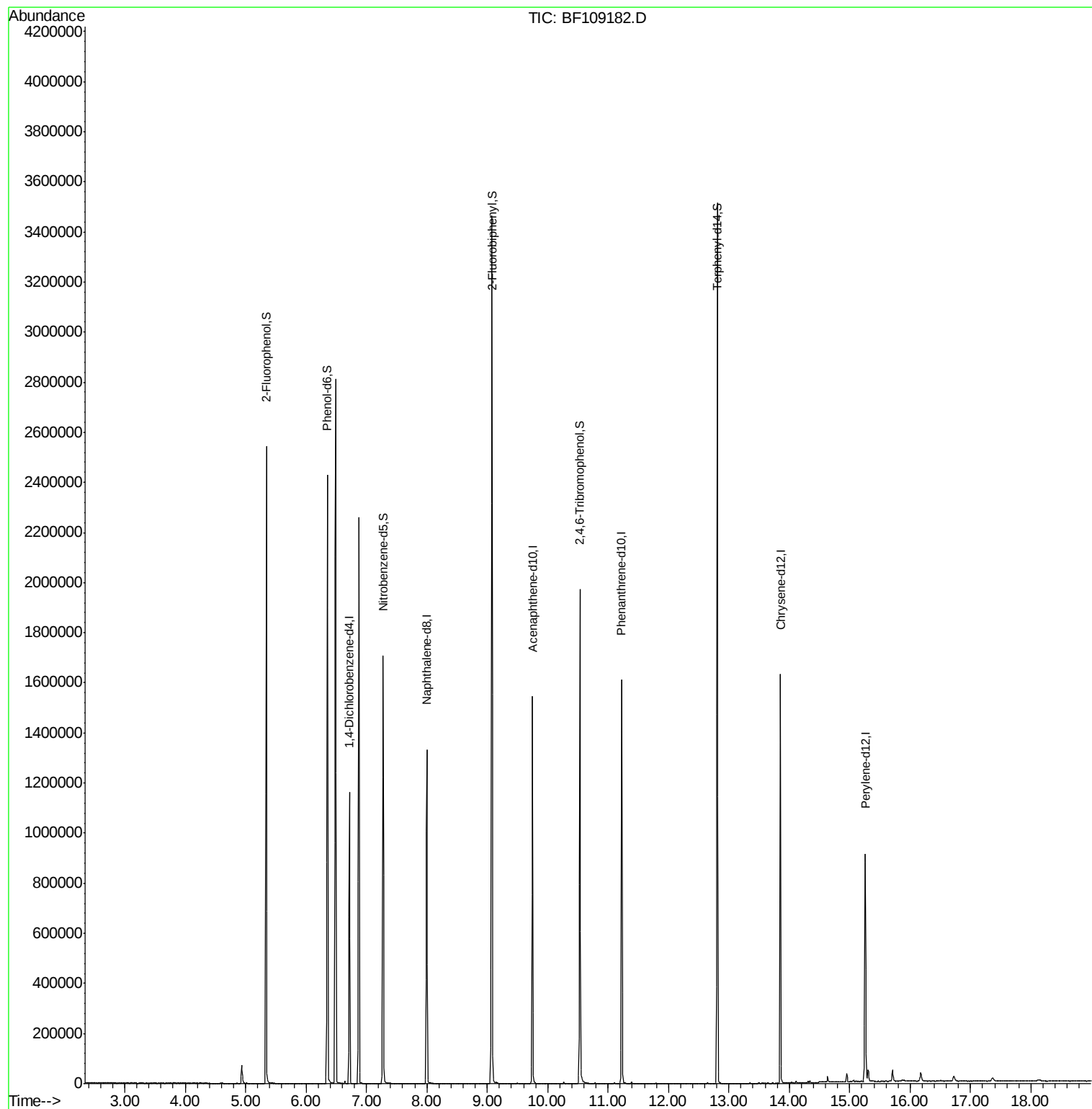
Target Compounds Qvalue

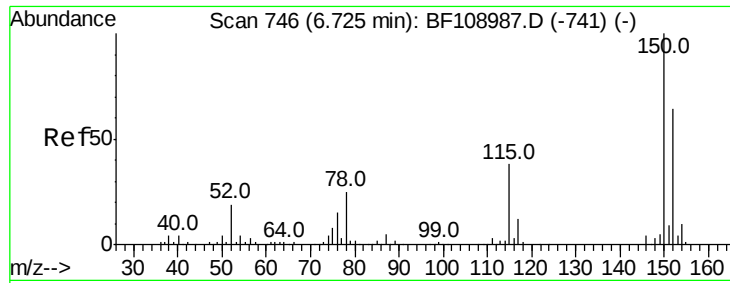
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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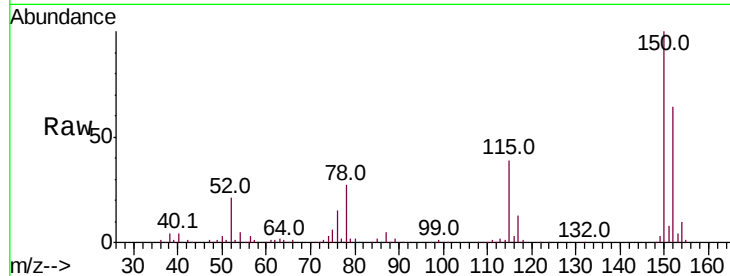


#1

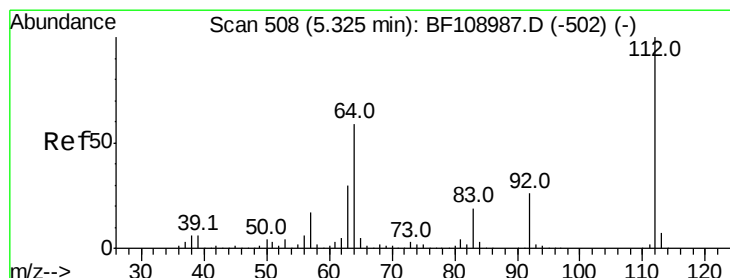
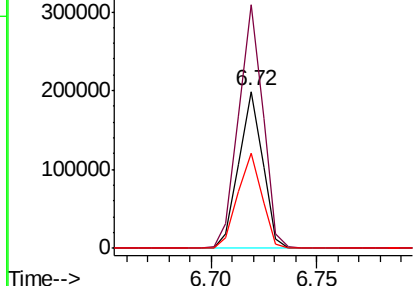
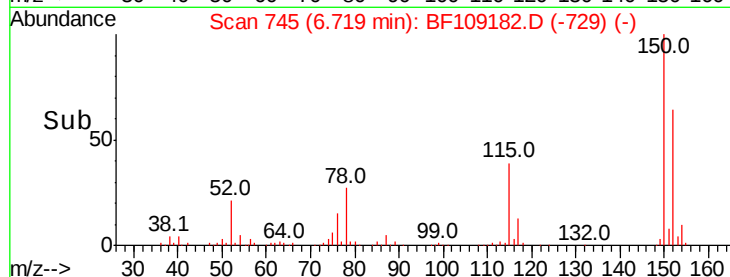
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109182.D
 Acq: 20 Sep 2018 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB113049BL

Tot Ion:152 Resp: 155546
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.6 186.8
 115 60.7 50.1 75.1



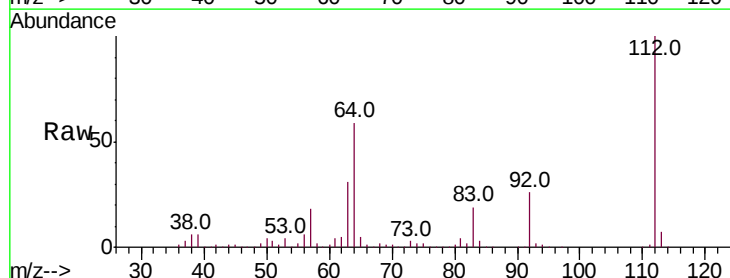
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



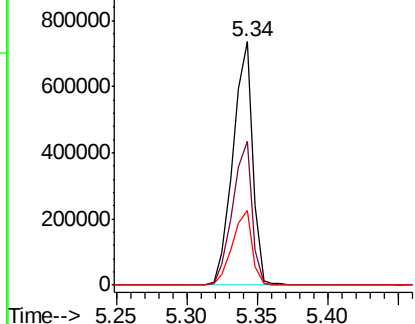
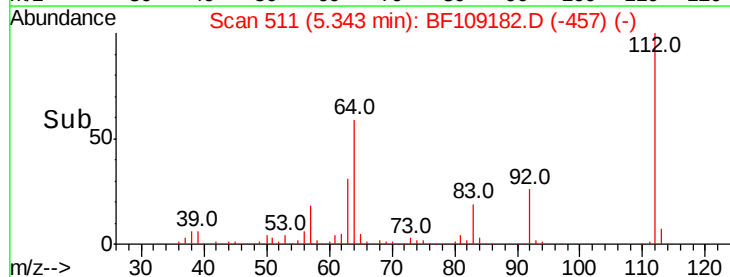
#5

2-Fluorophenol
 Concen: 76.427 ng
 RT: 5.34 min Scan# 511
 Delta R.T. 0.02 min
 Lab File: BF109182.D
 Acq: 20 Sep 2018 15:21

Tgt Ion:112 Resp: 715757
 Ion Ratio Lower Upper
 112 100
 64 59.2 47.9 71.9
 63 30.6 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: 77.809 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109182.D

Acq: 20 Sep 2018 15:21

Instrument :

BNA_F

ClientSampleId :

PB113049BL

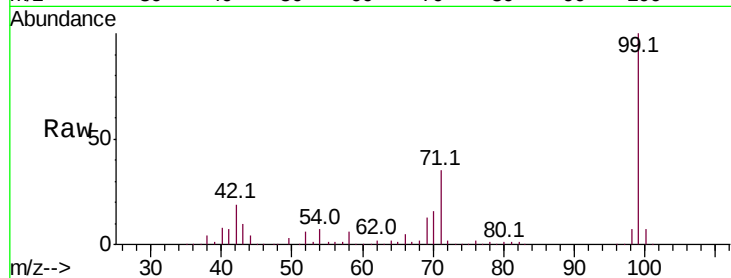
Tot Ion: 99 Resp: 939629

Ion Ratio Lower Upper

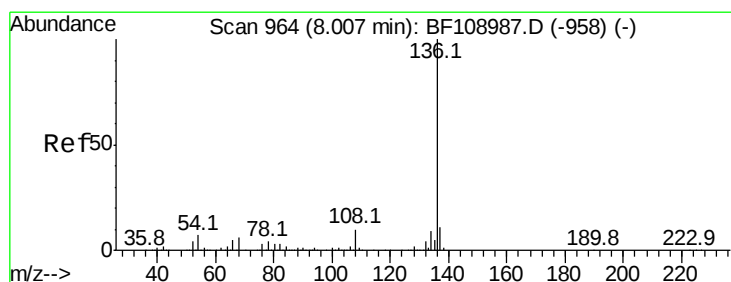
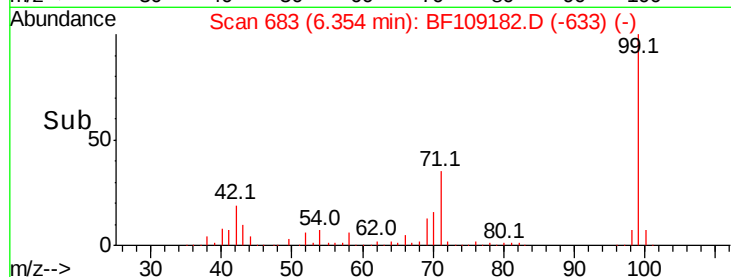
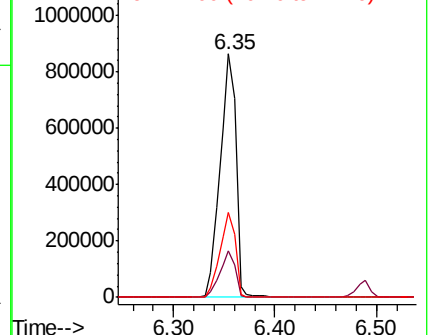
99 100

42 19.0 14.5 21.7

71 35.1 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: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109182.D

Acq: 20 Sep 2018 15:21

Tgt Ion: 136 Resp: 620551

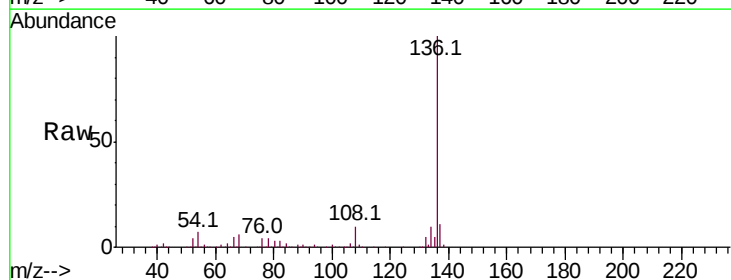
Ion Ratio Lower Upper

136 100

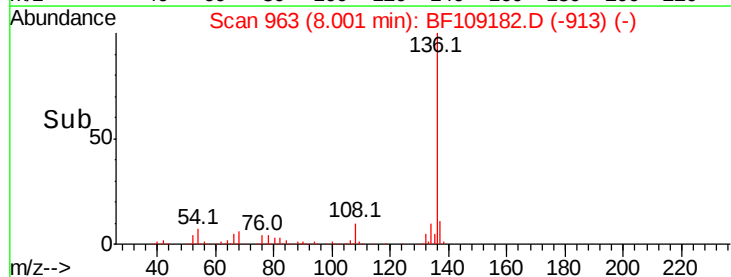
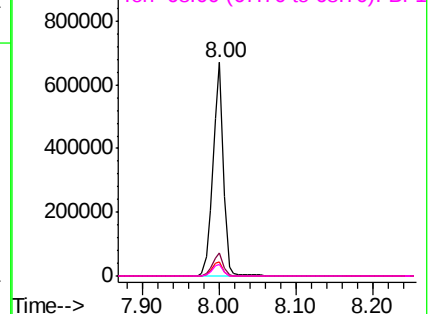
137 11.0 8.9 13.3

54 6.8 6.6 9.8

68 5.6 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

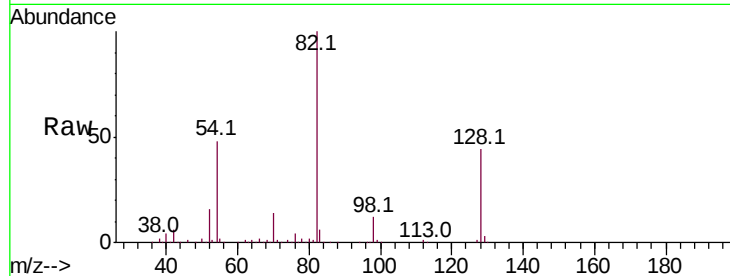




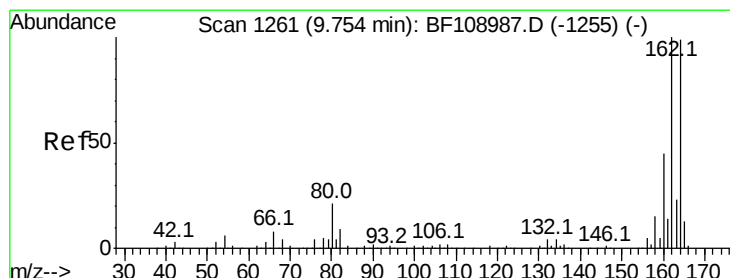
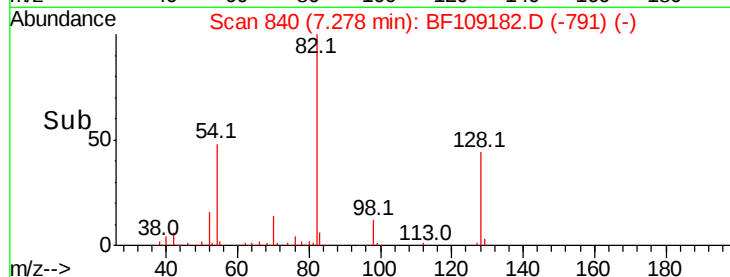
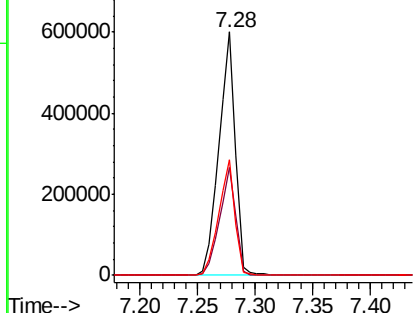
#23
Nitrobenzene-d5
Concen: 53.838 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109182.D
Acq: 20 Sep 2018 15:21

Instrument :
BNA_F
ClientSampleId :
PB113049BL

Tot Ion: 82 Resp: 595659
Ion Ratio Lower Upper
82 100
128 44.4 36.1 54.1
54 47.6 41.4 62.2

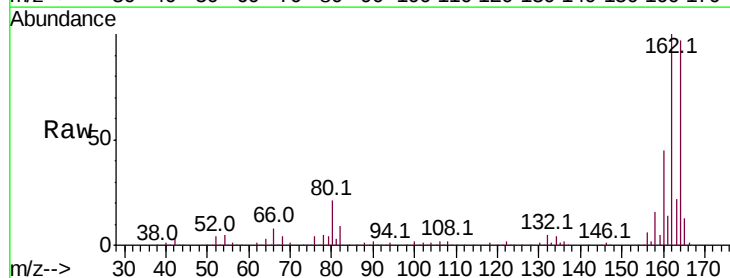


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

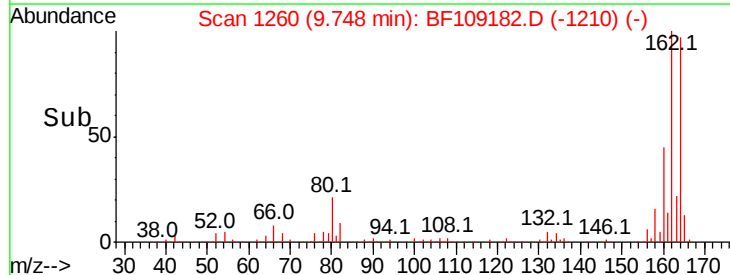
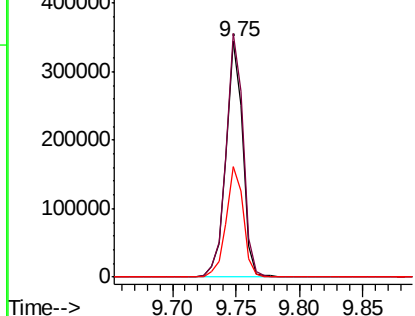


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109182.D
Acq: 20 Sep 2018 15:21

Tgt Ion: 164 Resp: 314485
Ion Ratio Lower Upper
164 100
162 103.4 86.1 129.1
160 46.9 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

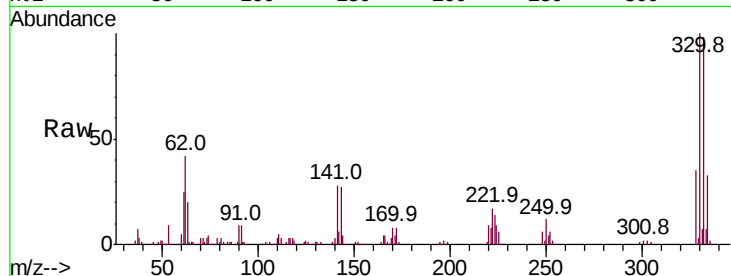




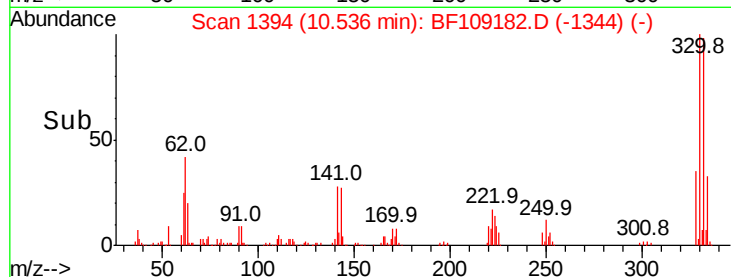
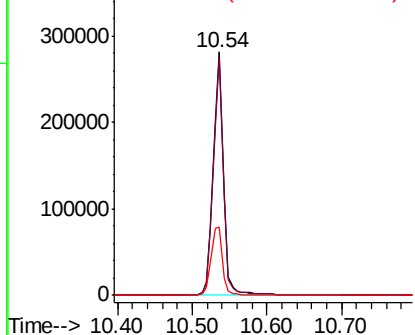
#41
 2,4,6-Tribromophenol
 Concen: 78.355 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109182.D
 Acq: 20 Sep 2018 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB113049BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	31.5	29.9	44.9

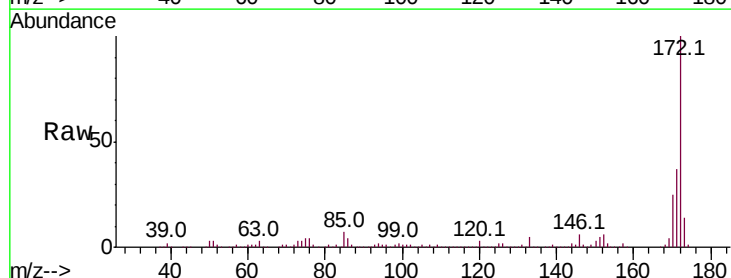


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

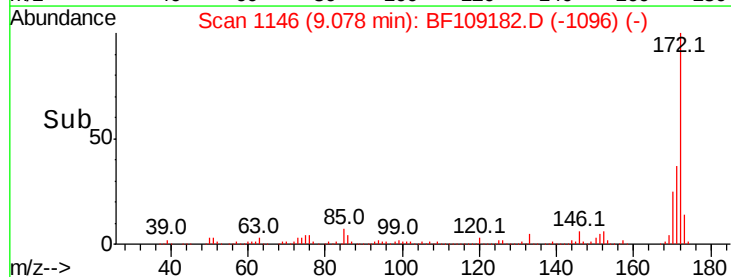
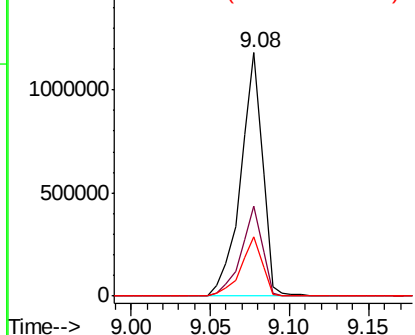


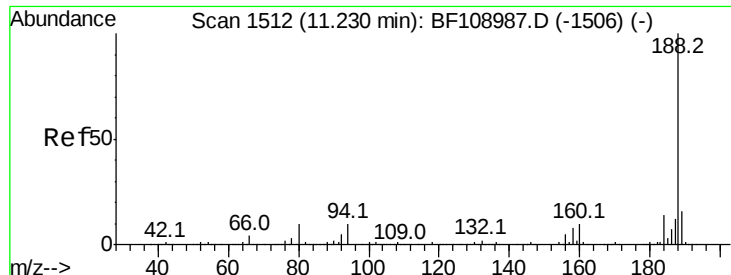
#44
 2-Fluorobiphenyl
 Concen: 56.113 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109182.D
 Acq: 20 Sep 2018 15:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.6	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

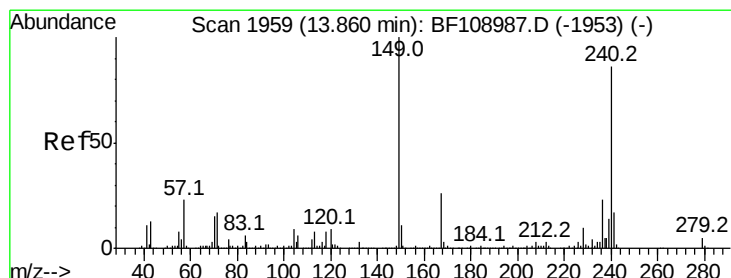
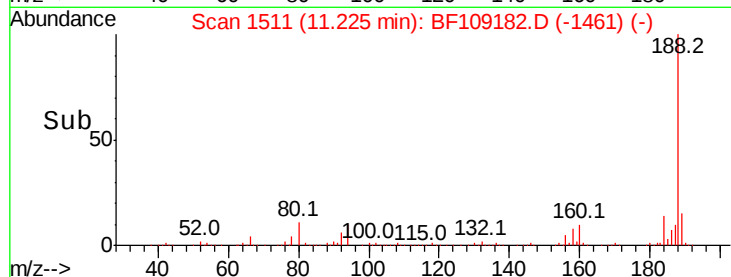
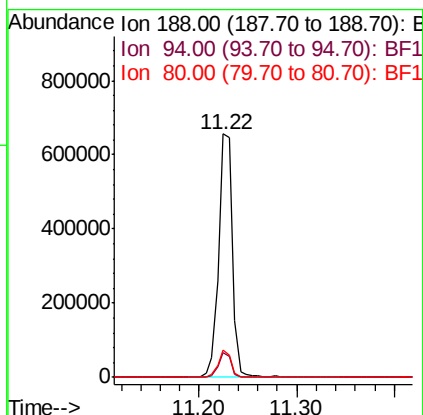
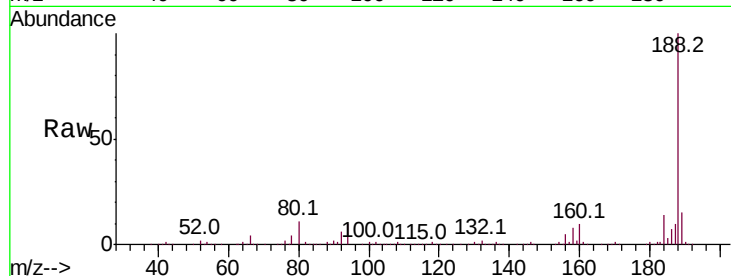




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109182.D
Acq: 20 Sep 2018 15:21

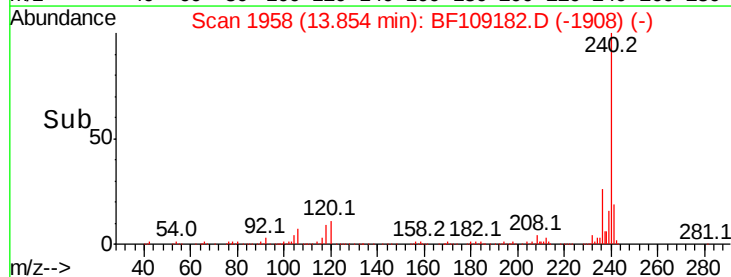
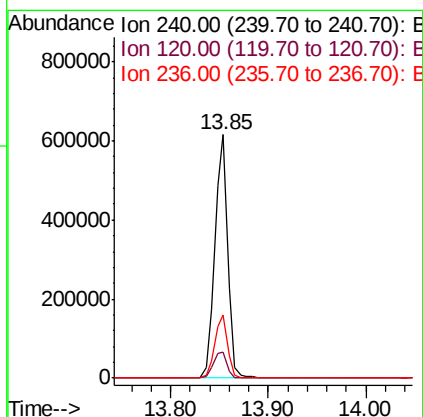
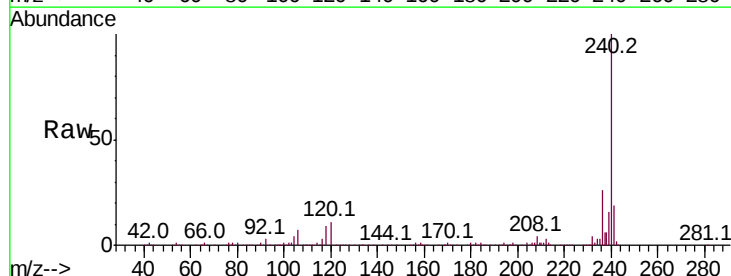
Instrument :
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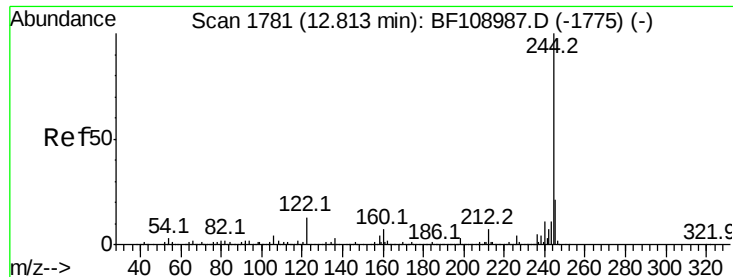
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.1	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF109182.D
Acq: 20 Sep 2018 15:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	25.7	20.7	31.1



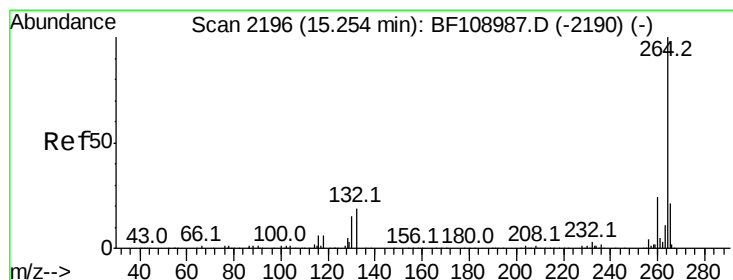
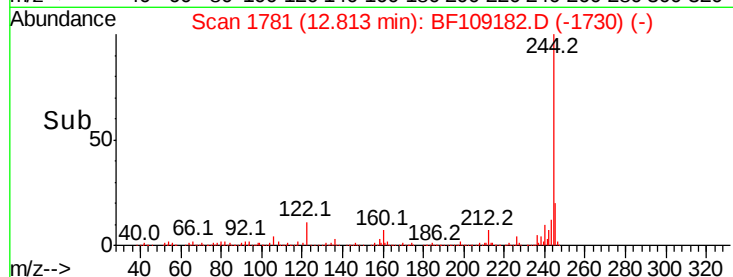
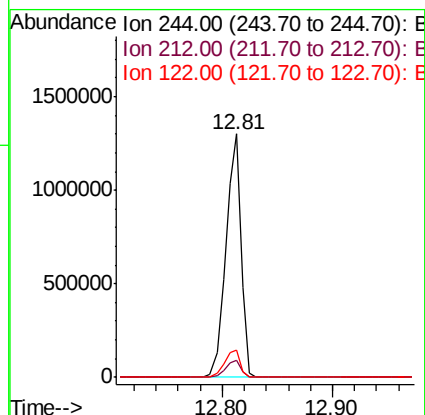
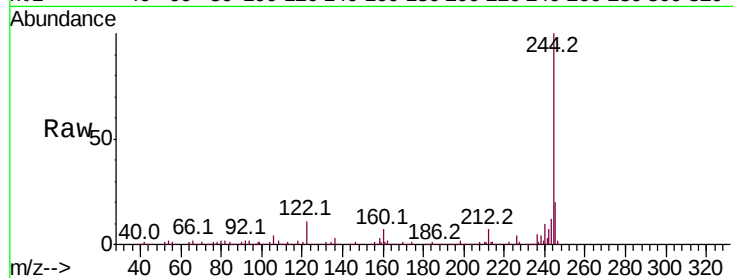


#78
 Terphenyl-d14
 Concen: 52.849 ng
 RT: 12.81 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BF109182.D
 Acq: 20 Sep 2018 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB113049BL

Tot Ion:244 Resp: 1244754

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	11.0	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF109182.D
 Acq: 20 Sep 2018 15:21

Tgt Ion:264 Resp: 441840

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.0	17.5	26.3

