

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109095.D
 Acq On : 18 Sep 2018 15:06
 Operator : JU/SJ
 Sample : PB112950BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112950BL

Quant Time: Sep 18 15:37:28 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	142572	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	541021	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	262320	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	490172	20.00	ng	0.00
75) Chrysene-d12	13.85	240	328076	20.00	ng	-0.01
86) Perylene-d12	15.25	264	368601	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	896840	104.48	ng	0.01
7) Phenol-d6	6.36	99	1153158	104.18	ng	0.00
23) Nitrobenzene-d5	7.28	82	737365	76.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	240291	84.41	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1308129	78.13	ng	0.00
78) Terphenyl-d14	12.81	244	1158748	83.72	ng	0.00

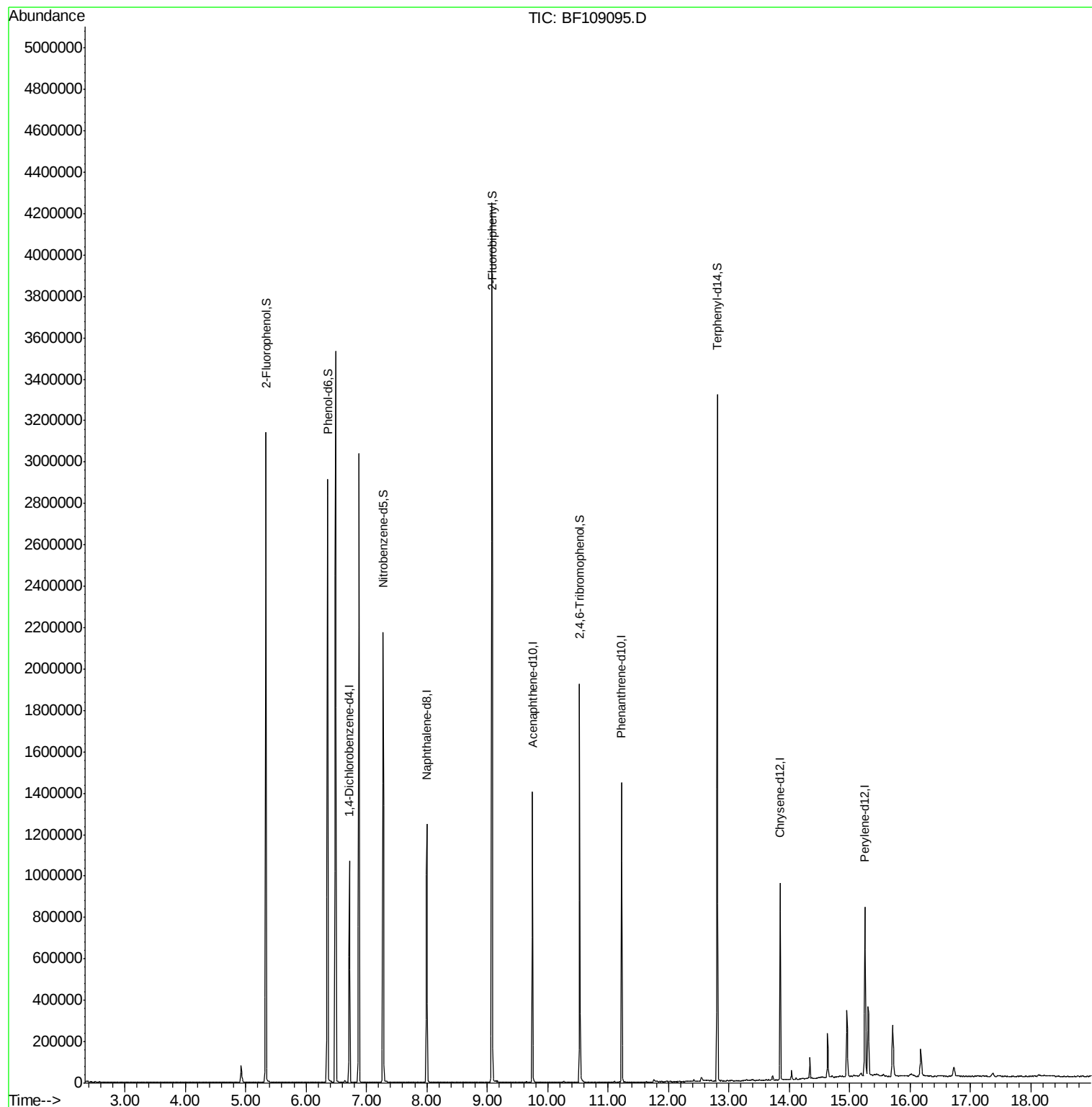
Target Compounds Qvalue

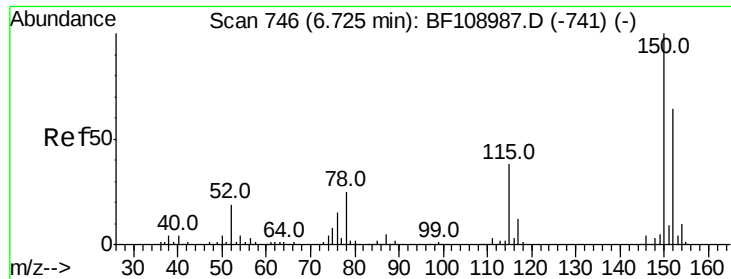
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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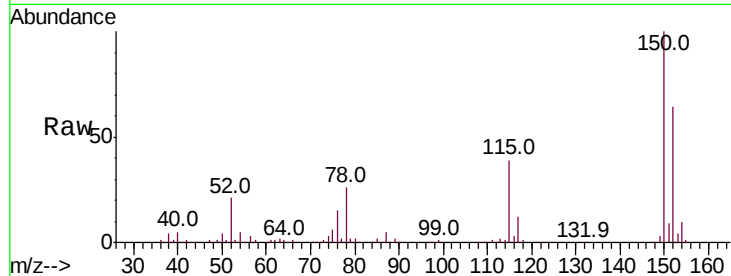


#1

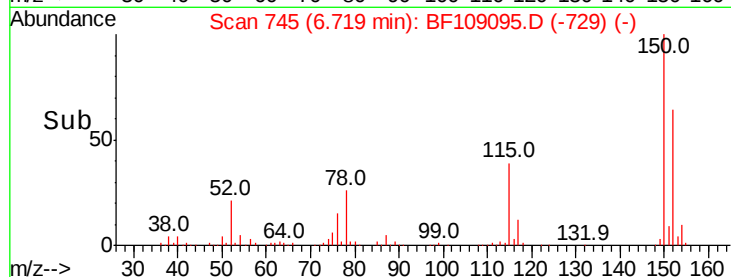
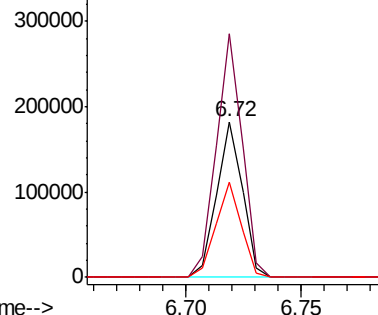
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109095.D
Acq: 18 Sep 2018 15:06

Instrument :
BNA_F
ClientSampleId :
PB112950BL

Tot Ion:152 Resp: 142572
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 61.1 50.1 75.1



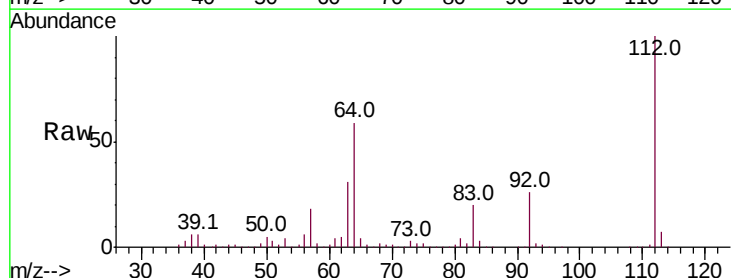
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



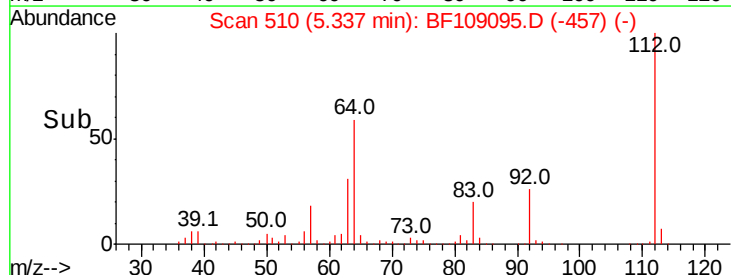
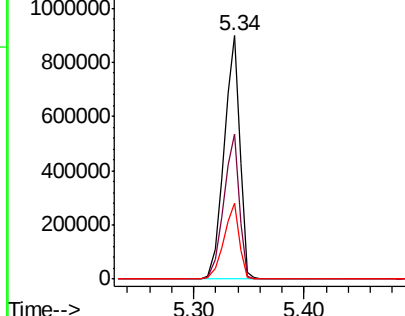
#5

2-Fluorophenol
Concen: 104.477 ng
RT: 5.34 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF109095.D
Acq: 18 Sep 2018 15:06

Tgt Ion:112 Resp: 896840
Ion Ratio Lower Upper
112 100
64 59.5 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: 104.181 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF109095.D

Acq: 18 Sep 2018 15:06

Instrument :

BNA_F

ClientSampled :

PB112950BL

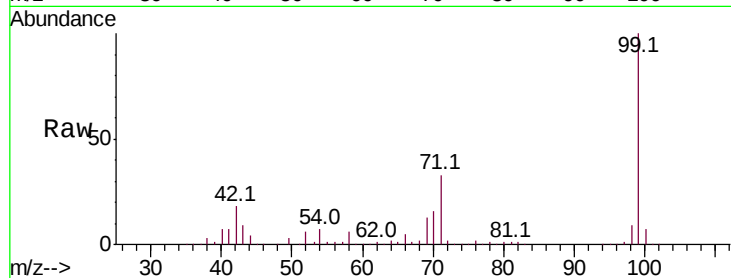
Tot Ion: 99 Resp: 1153158

Ion Ratio Lower Upper

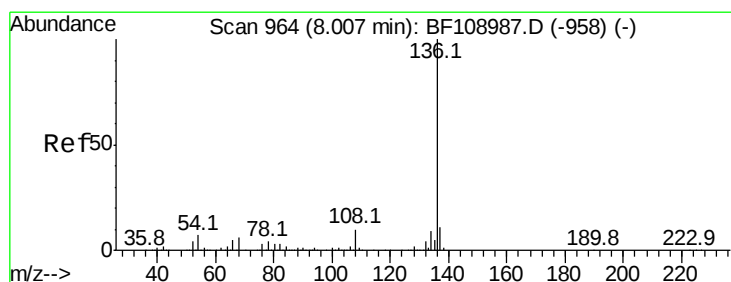
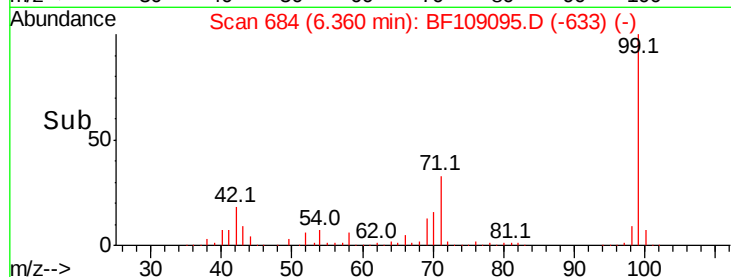
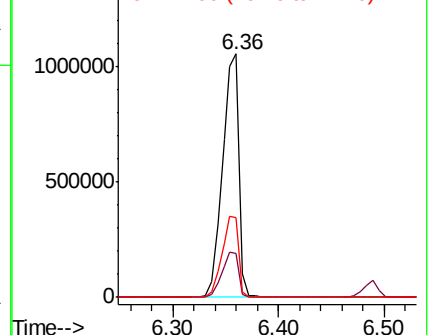
99 100

42 17.9 14.5 21.7

71 33.0 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: BF109095.D

Acq: 18 Sep 2018 15:06

Tgt Ion: 136 Resp: 541021

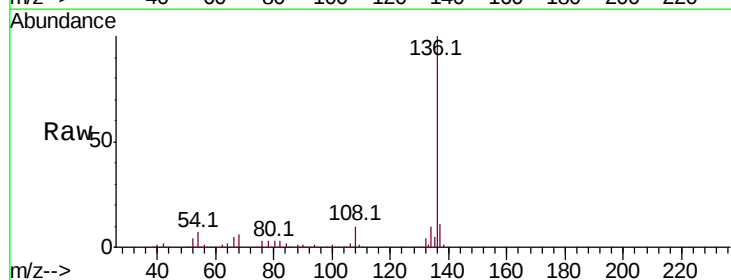
Ion Ratio Lower Upper

136 100

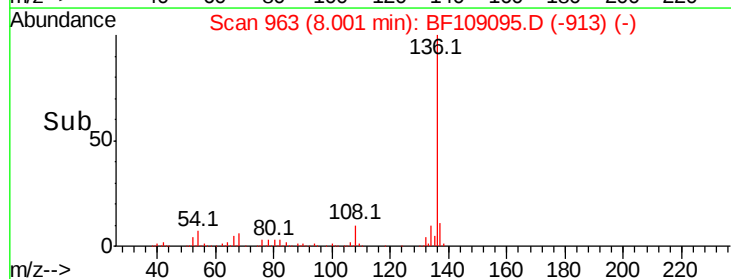
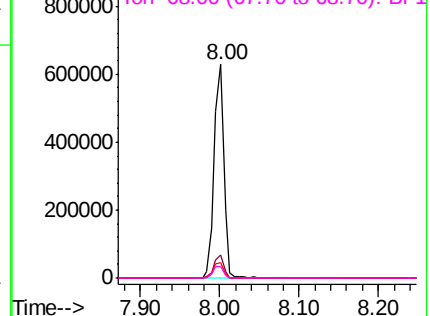
137 10.9 8.9 13.3

54 7.2 6.6 9.8

68 5.7 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

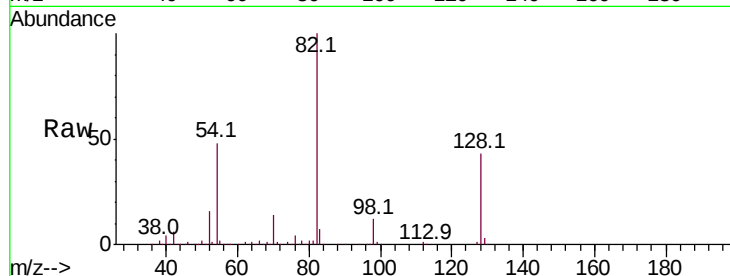




#23
Nitrobenzene-d5
Concen: 76.443 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109095.D
Acq: 18 Sep 2018 15:06

Instrument :
BNA_F
ClientSampleId :
PB112950BL

Tot Ion	82	Resp	737365
Ion Ratio	Lower	Upper	
82	100		
128	42.9	36.1	54.1
54	48.1	41.4	62.2

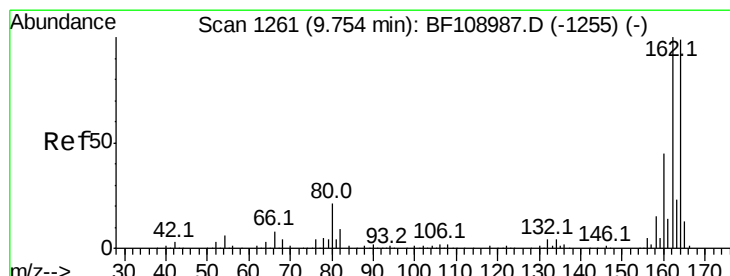
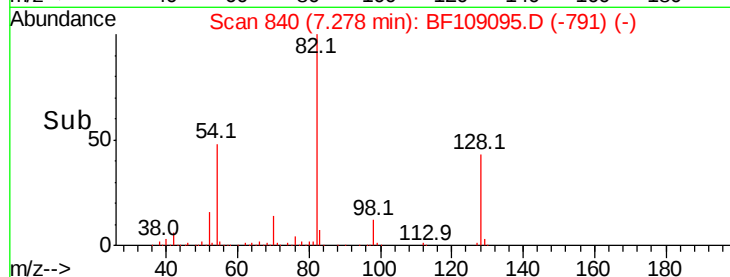
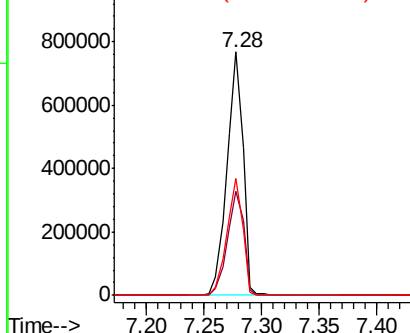


Abundance

Ion 82.00 (81.70 to 82.70): BF1

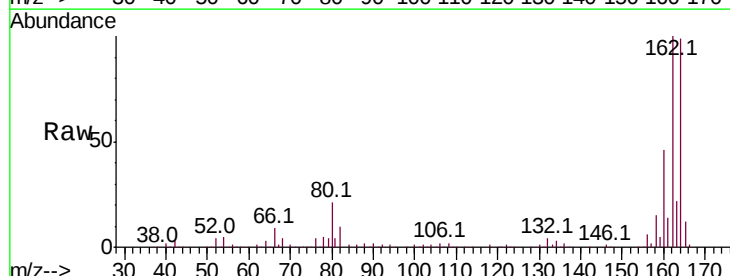
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109095.D
Acq: 18 Sep 2018 15:06

Tgt Ion	164	Resp	262320
Ion Ratio	Lower	Upper	
164	100		
162	101.4	86.1	129.1
160	46.6	38.3	57.5

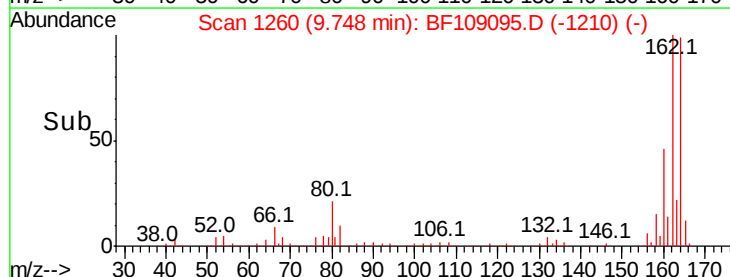
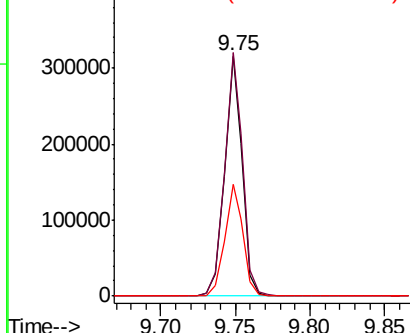


Abundance

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

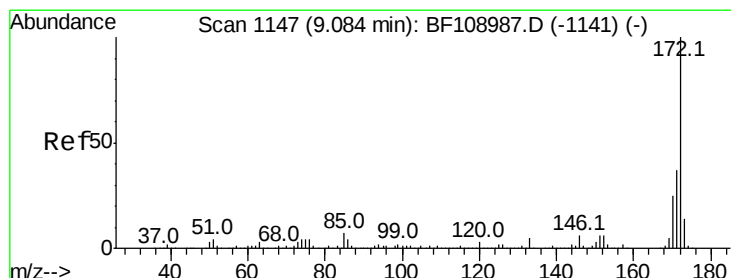
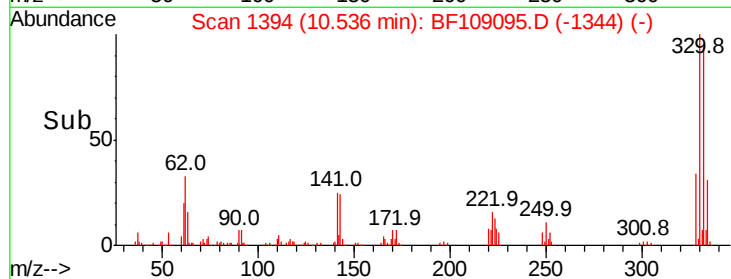
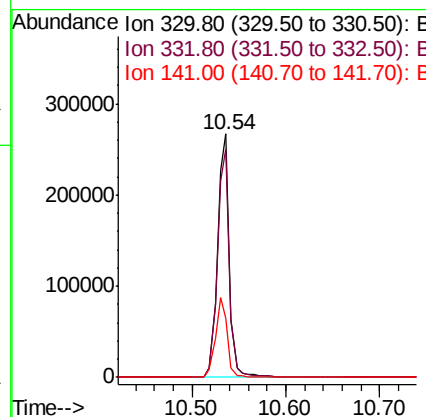
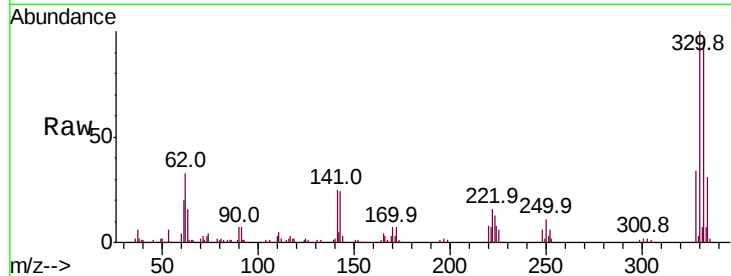




#41
 2,4,6-Tribromophenol
 Concen: 84.405 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109095.D
 Acq: 18 Sep 2018 15:06

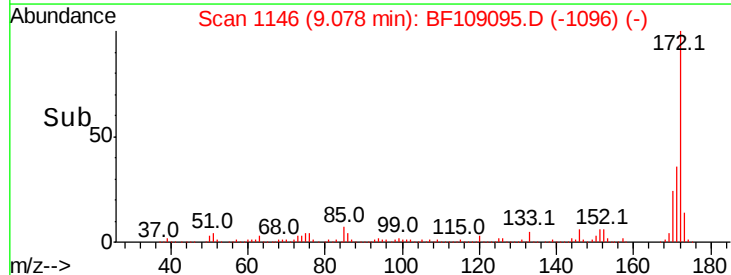
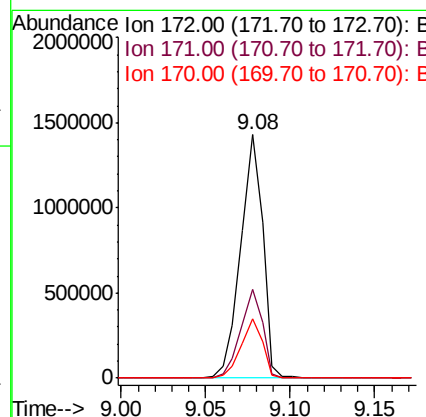
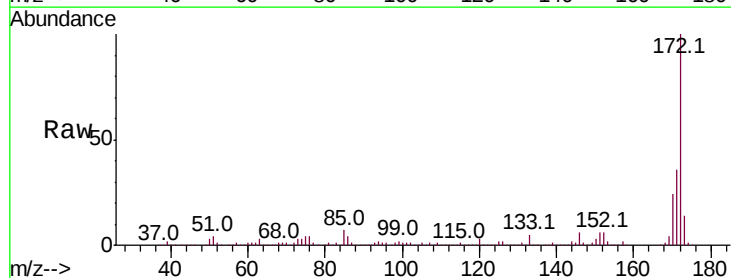
Instrument :
 BNA_F
 ClientSampleId :
 PB112950BL

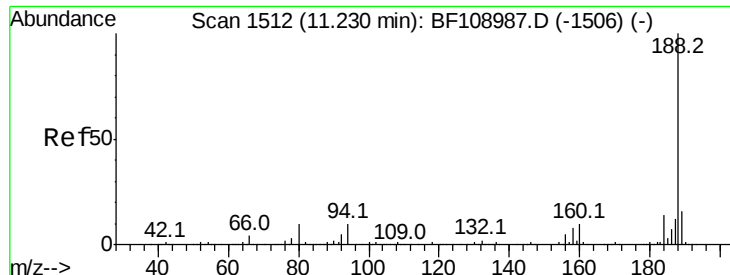
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	32.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 78.129 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109095.D
 Acq: 18 Sep 2018 15:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4

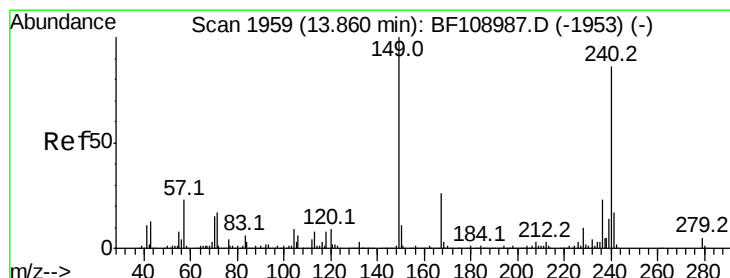
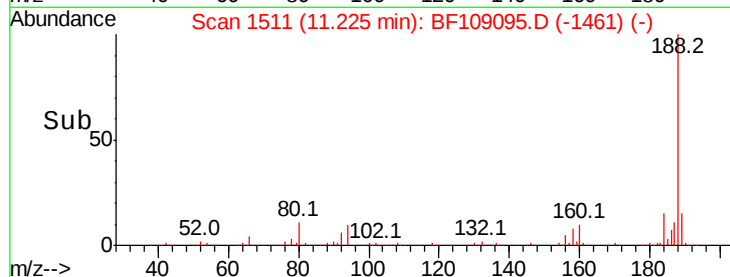
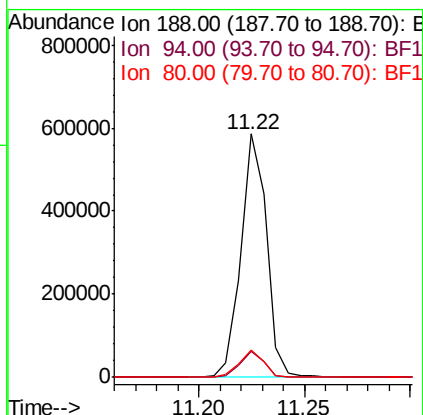
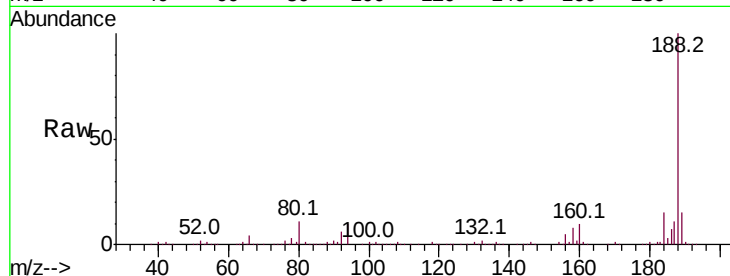




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109095.D
Acq: 18 Sep 2018 15:06

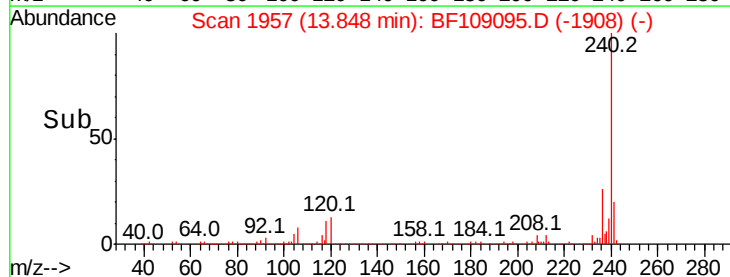
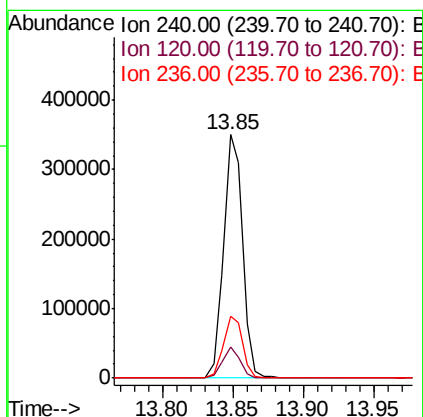
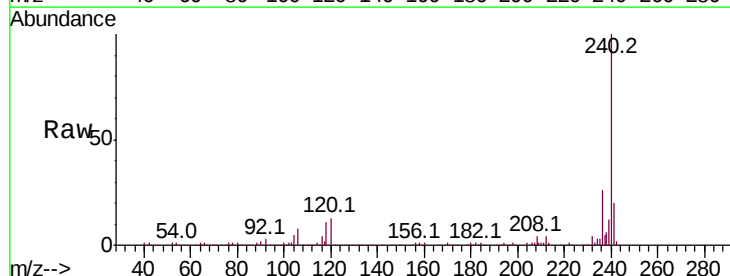
Instrument :
BNA_F
ClientSampleId :
PB112950BL

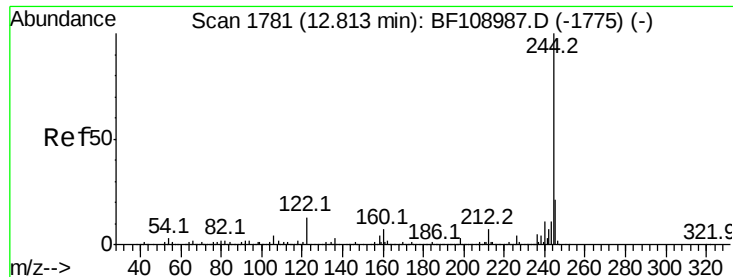
Tot Ion:188 Resp: 490172
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109095.D
Acq: 18 Sep 2018 15:06

Tgt Ion:240 Resp: 328076
Ion Ratio Lower Upper
240 100
120 12.6 9.5 14.3
236 25.7 20.7 31.1

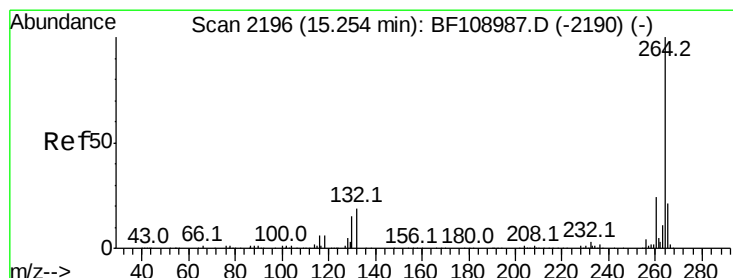
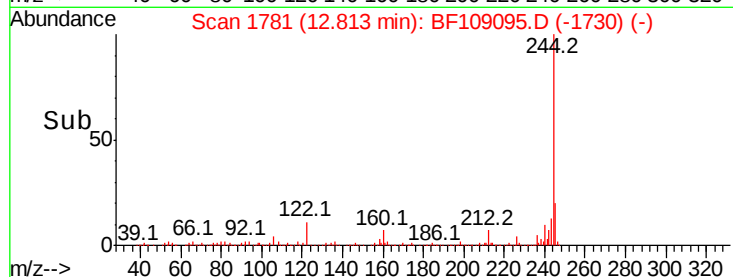
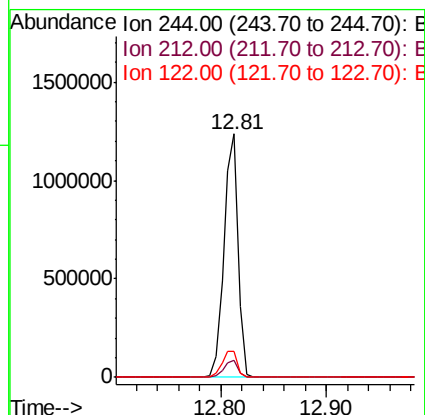
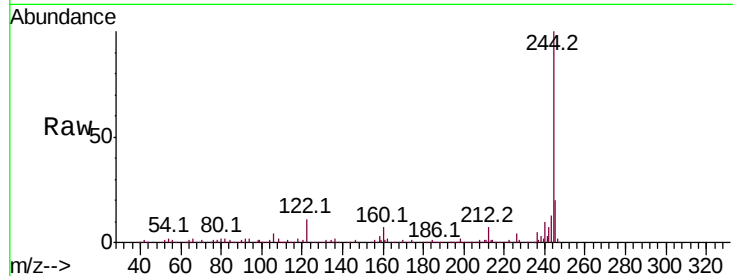




#78
 Terphenyl-d14
 Concen: 83.717 ng
 RT: 12.81 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BF109095.D
 Acq: 18 Sep 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :
 PB112950BL

Tot Ion:244 Resp: 1158748
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.8 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BF109095.D
 Acq: 18 Sep 2018 15:06

Tgt Ion:264 Resp: 368601
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.9 17.5 26.3

