

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109134.D
 Acq On : 19 Sep 2018 9:11
 Operator : JU/SJ
 Sample : PB112905BL
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BL

Quant Time: Sep 19 11:52:35 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	117659	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	410373	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	171159	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	291552	20.00	ng	0.00
75) Chrysene-d12	13.85	240	307433	20.00	ng	0.00
86) Perylene-d12	15.25	264	259795	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	625791	88.34	ng	0.01
7) Phenol-d6	6.35	99	785983	86.04	ng	0.00
23) Nitrobenzene-d5	7.28	82	701988	95.95	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	147297	79.30	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1216720	111.37	ng	0.00
78) Terphenyl-d14	12.81	244	1117531	86.16	ng	0.00

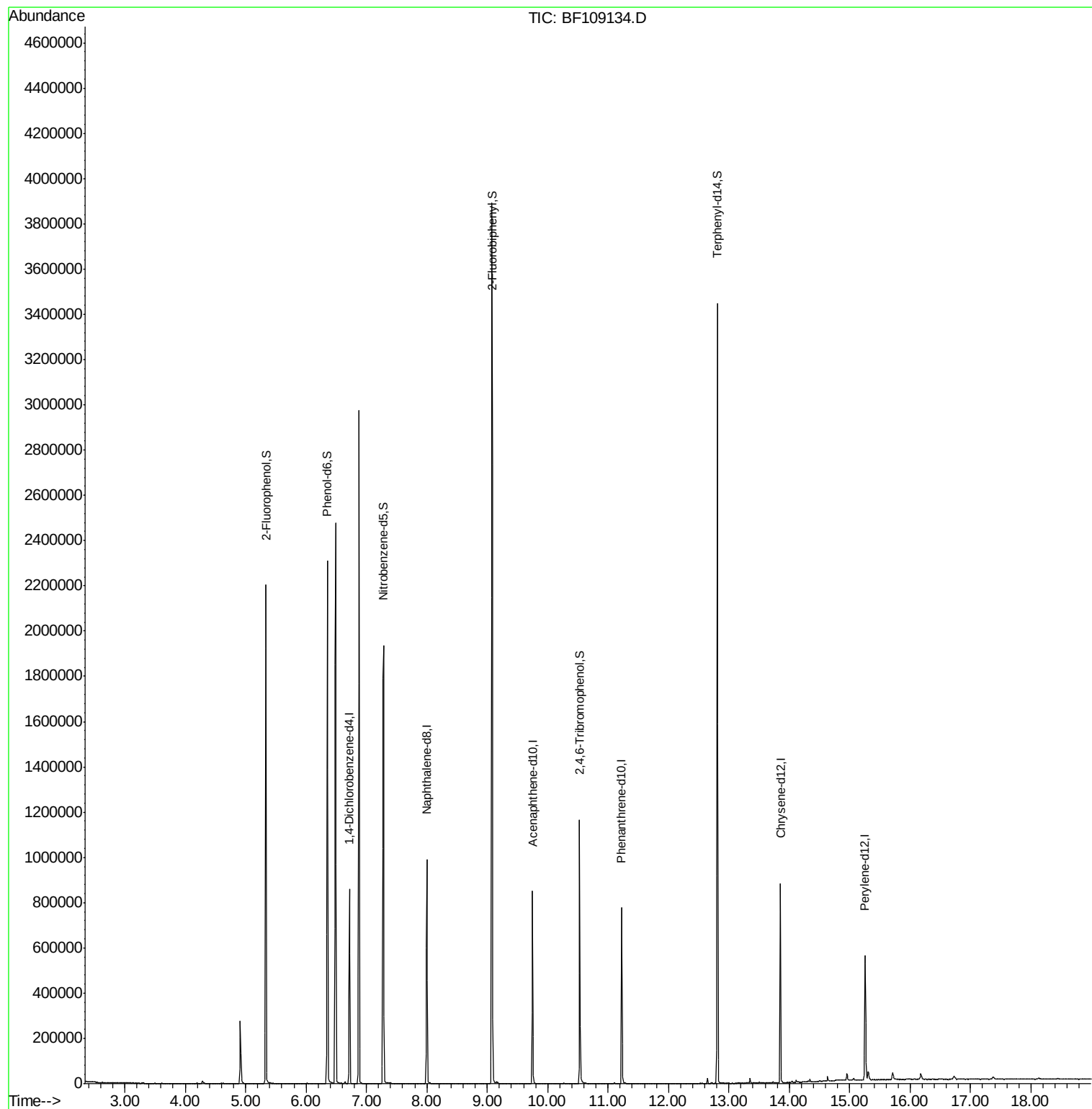
Target Compounds Qvalue

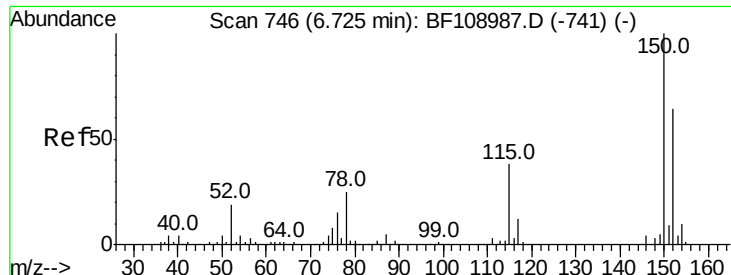
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109134.D
Acq On : 19 Sep 2018 9:11
Operator : JU/SJ
Sample : PB112905BL
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112905BL

Quant Time: Sep 19 11:52:35 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



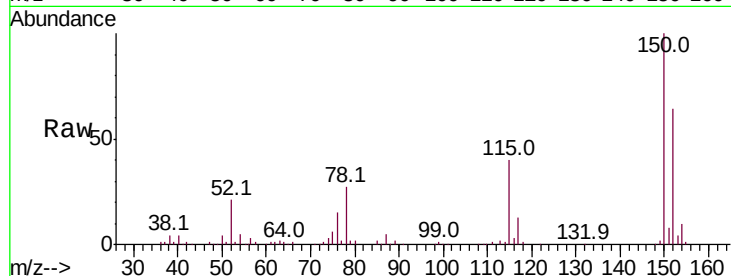


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109134.D
 Acq: 19 Sep 2018 9:11

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	62.8	50.1	75.1

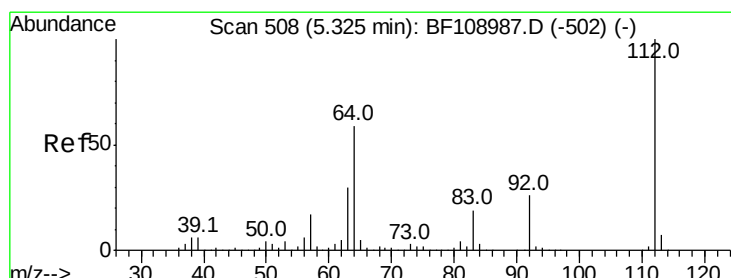
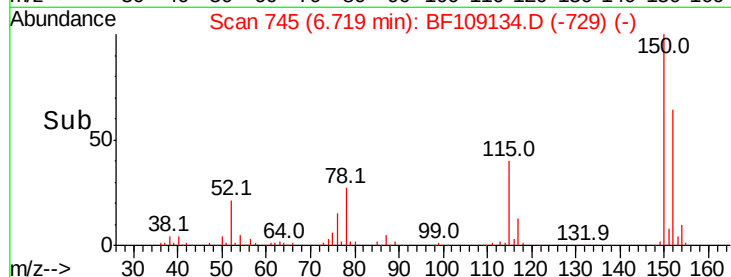
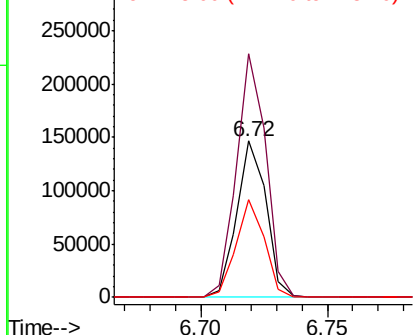


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

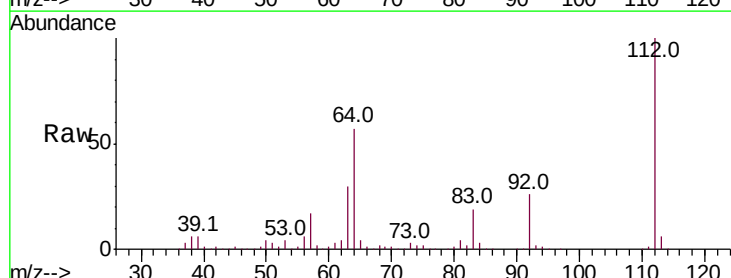
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 88.337 ng
 RT: 5.34 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: BF109134.D
 Acq: 19 Sep 2018 9:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.9	71.9
63	29.5	23.7	35.5

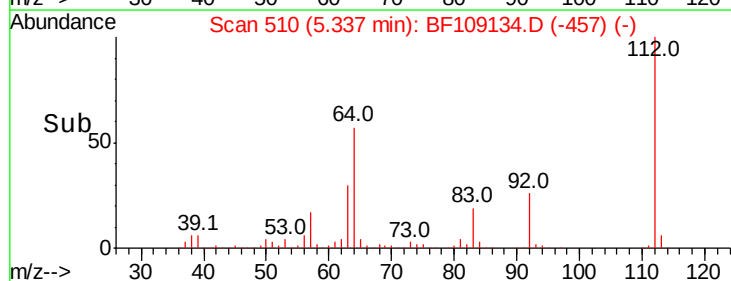
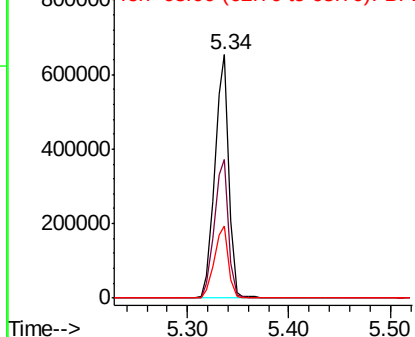


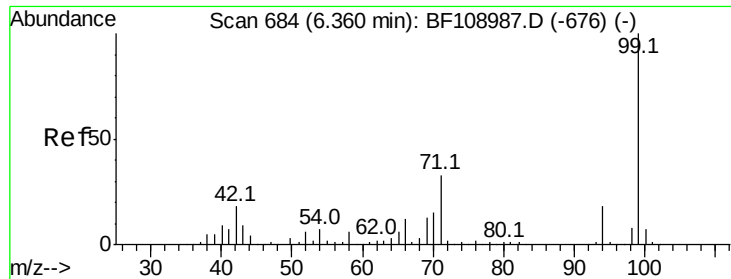
Abundance

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: 86.044 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109134.D

Acq: 19 Sep 2018 9:11

Instrument :

BNA_F

ClientSampleId :

PB112905BL

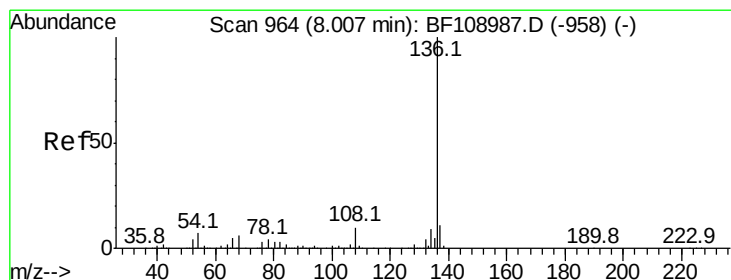
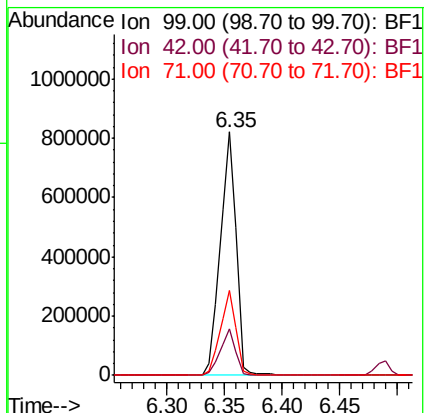
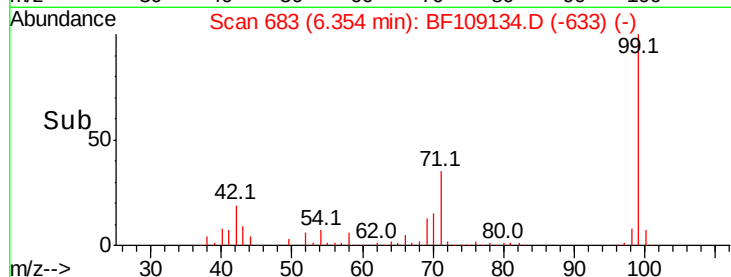
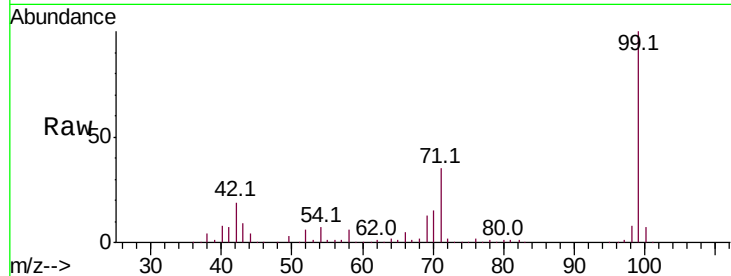
Tot Ion: 99 Resp: 785983

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 35.0 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109134.D

Acq: 19 Sep 2018 9:11

Tgt Ion: 136 Resp: 410373

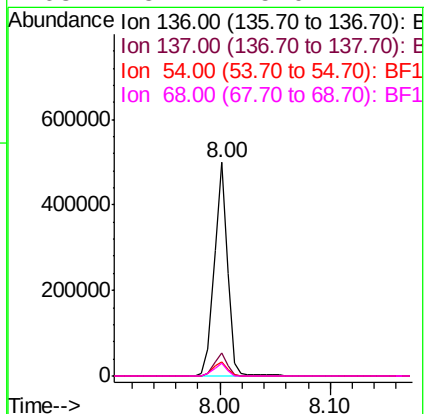
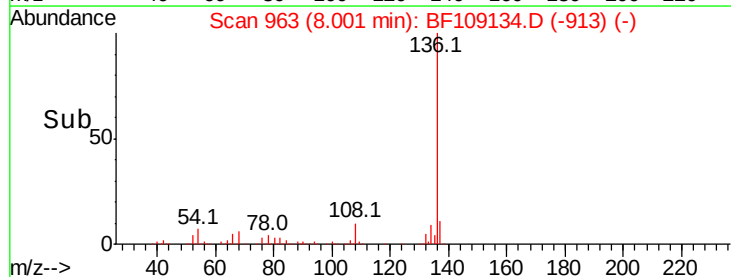
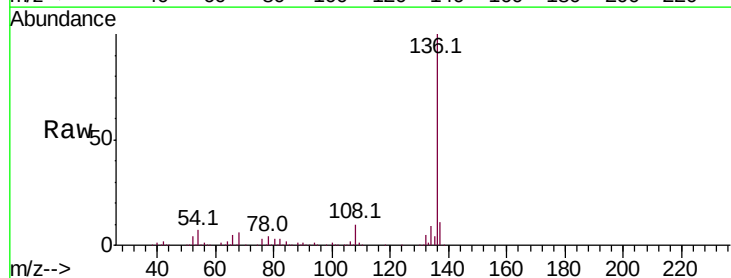
Ion Ratio Lower Upper

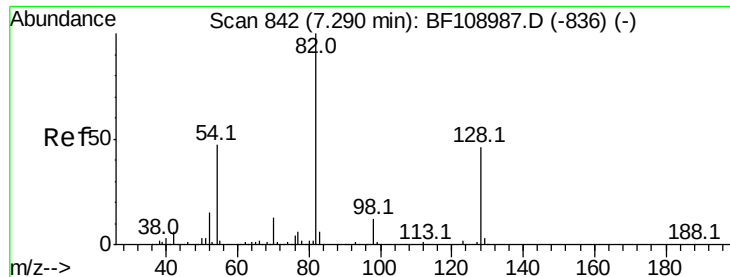
136 100

137 10.9 8.9 13.3

54 6.9 6.6 9.8

68 5.7 5.0 7.4

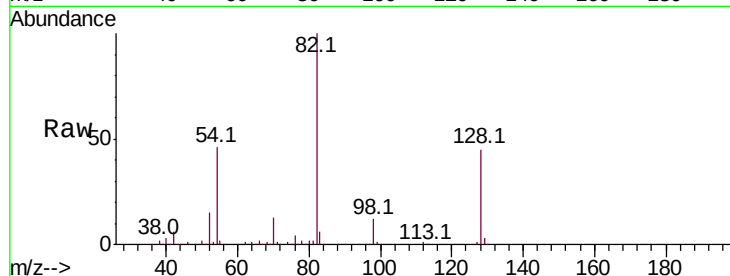




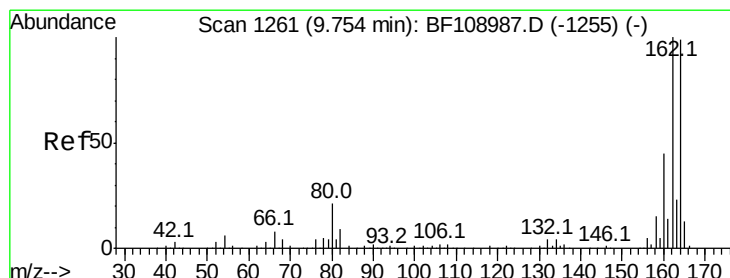
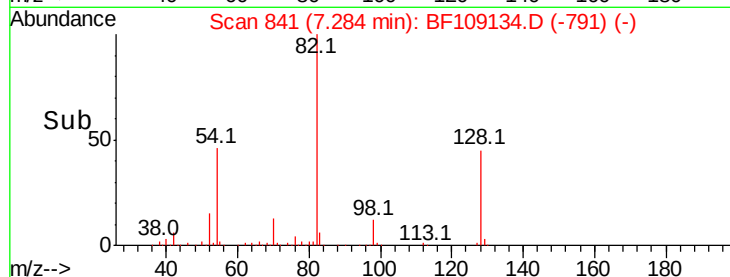
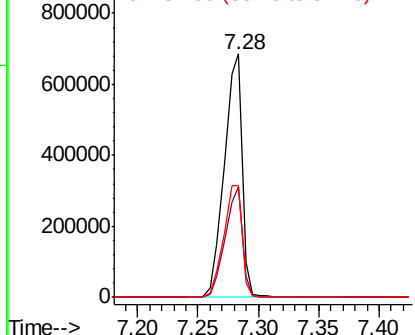
#23
 Nitrobenzene-d5
 Concen: 95.945 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109134.D
 Acq: 19 Sep 2018 9:11

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BL

Tot Ion: 82 Resp: 701988
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.1 54.1
 54 45.9 41.4 62.2

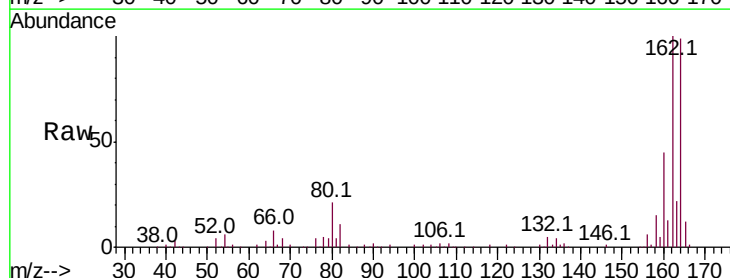


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

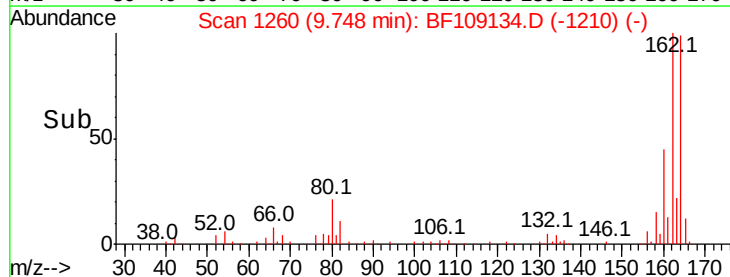
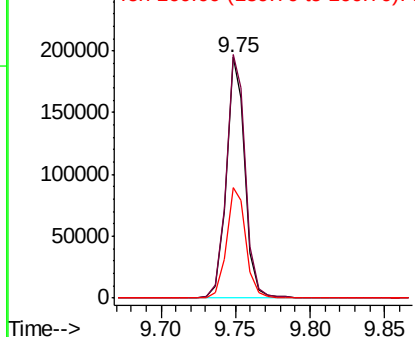


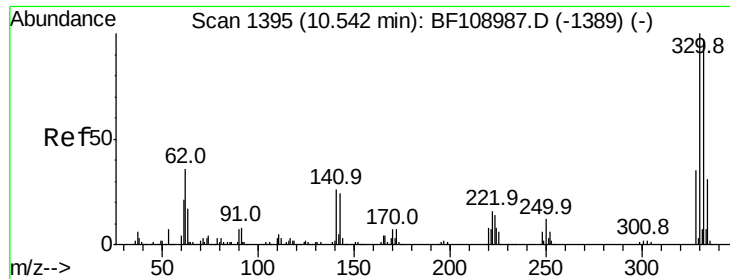
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109134.D
 Acq: 19 Sep 2018 9:11

Tgt Ion: 164 Resp: 171159
 Ion Ratio Lower Upper
 164 100
 162 101.1 86.1 129.1
 160 45.9 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

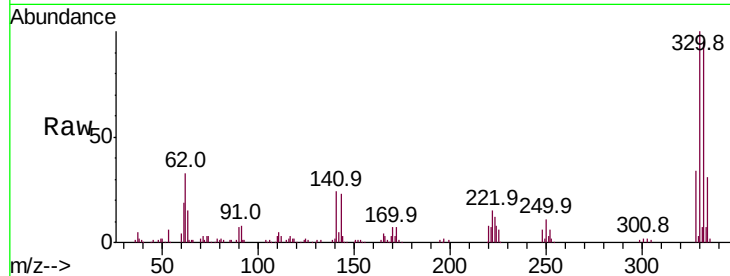




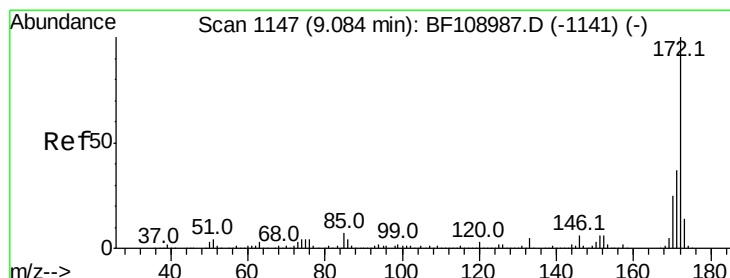
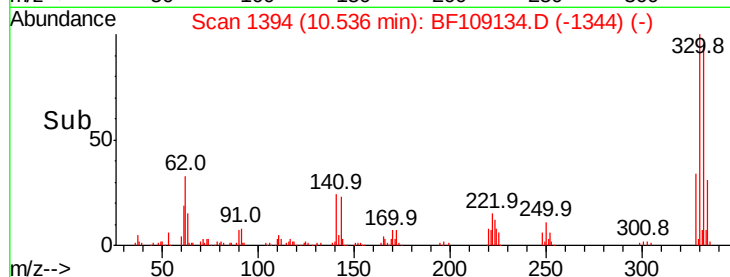
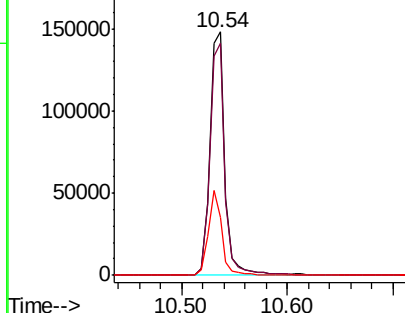
#41
 2,4,6-Tribromophenol
 Concen: 79.297 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109134.D
 Acq: 19 Sep 2018 9:11

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	31.1	29.9	44.9

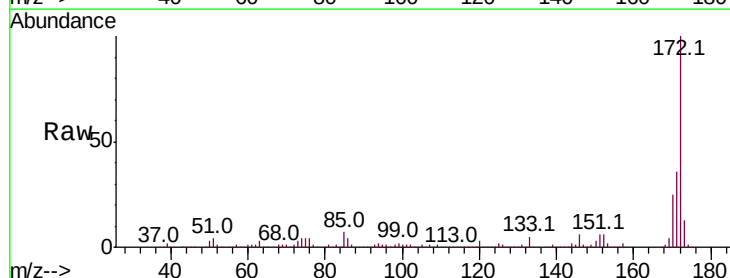


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

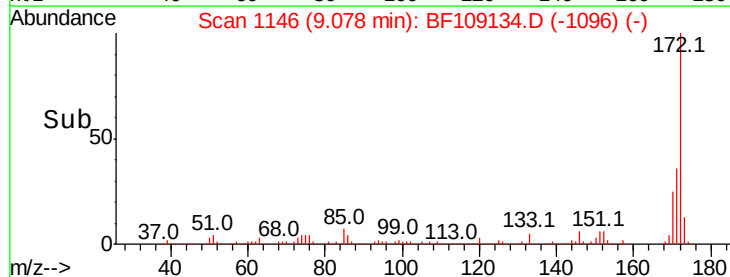
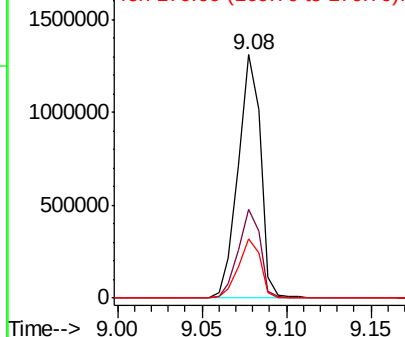


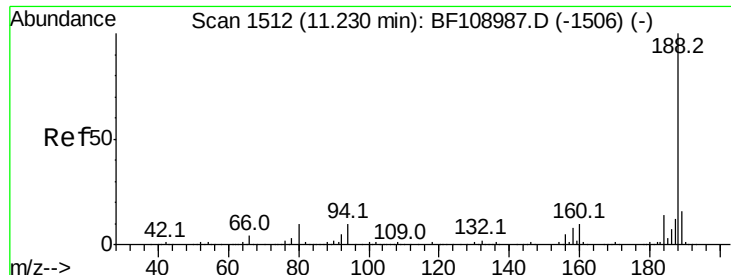
#44
 2-Fluorobiphenyl
 Concen: 111.374 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109134.D
 Acq: 19 Sep 2018 9:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	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

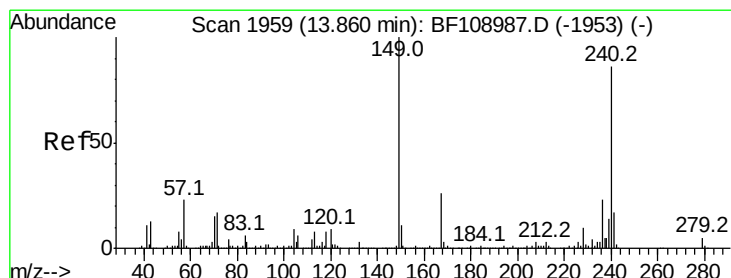
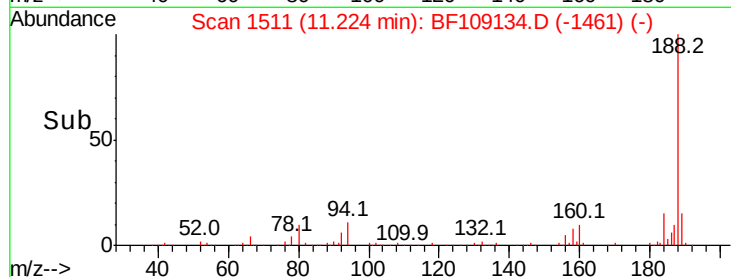
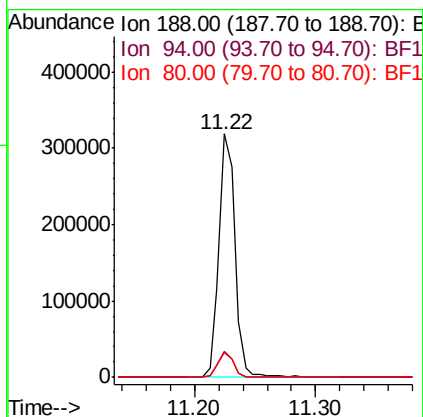
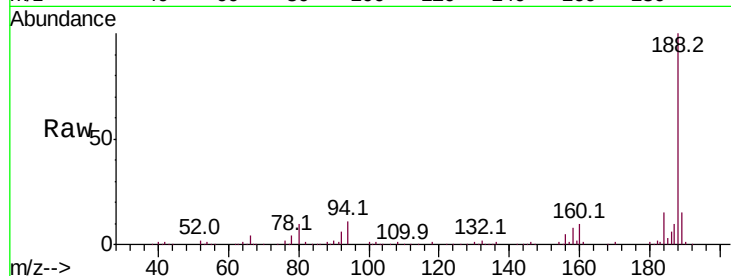




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109134.D
Acq: 19 Sep 2018 9:11

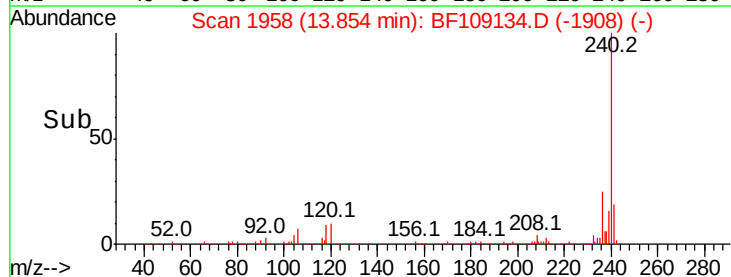
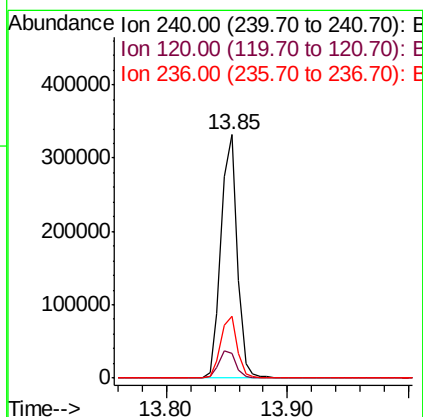
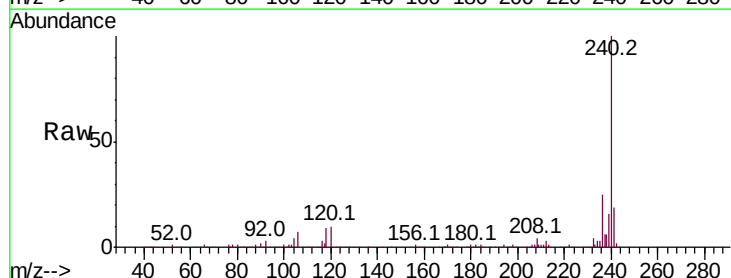
Instrument :
BNA_F
ClientSampleId :
PB112905BL

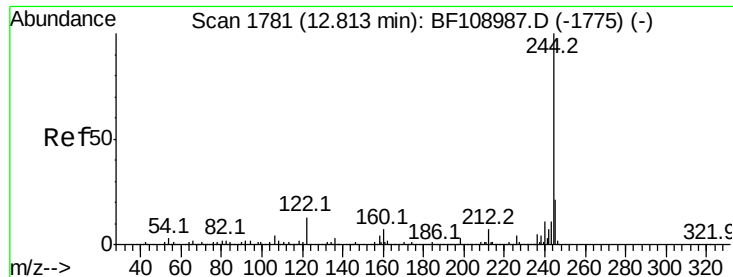
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	10.4	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF109134.D
Acq: 19 Sep 2018 9:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	25.4	20.7	31.1



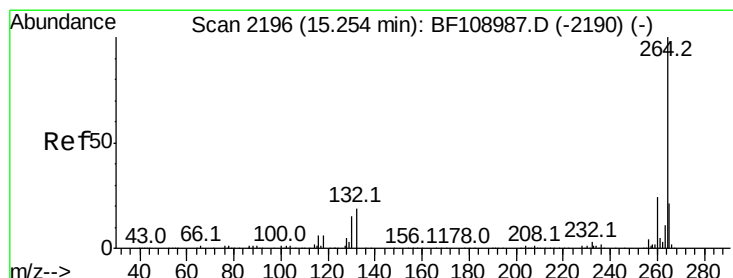
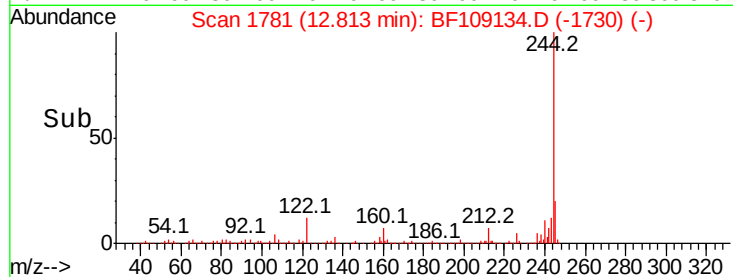
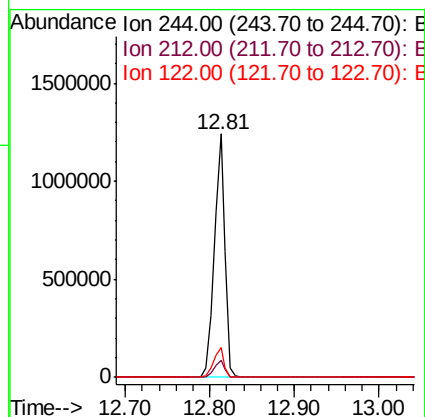
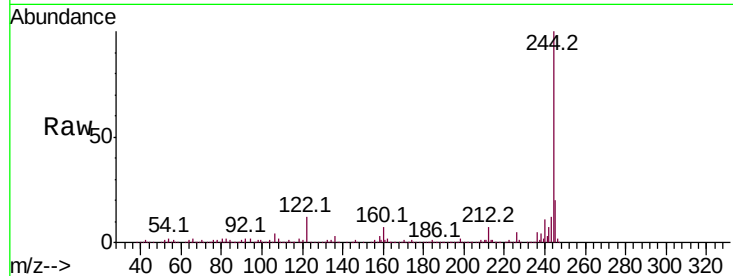


#78
 Terphenyl-d14
 Concen: 86.160 ng
 RT: 12.81 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BF109134.D
 Acq: 19 Sep 2018 9:11

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BL

Tot Ion:244 Resp: 1117531

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.2	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: BF109134.D
 Acq: 19 Sep 2018 9:11

Tgt Ion:264 Resp: 259795

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.1	17.5	26.3

