

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109069.D
 Acq On : 18 Sep 2018 1:43
 Operator : JU/SJ
 Sample : J4936-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 138kv-2

Quant Time: Sep 18 05:48:21 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

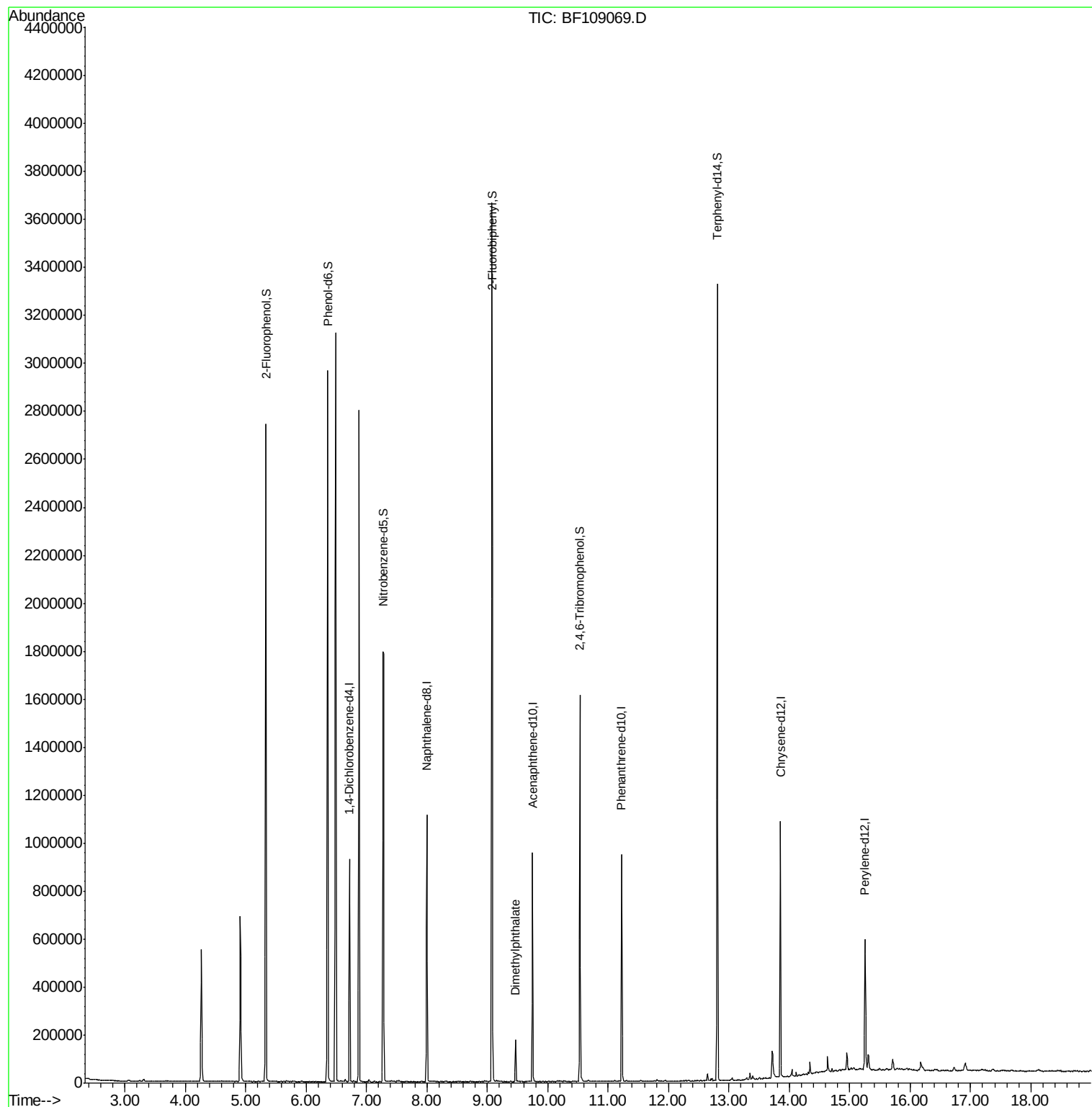
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	131013	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	444326	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	179736	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	342546	20.00	ng	0.00
75) Chrysene-d12	13.85	240	347574	20.00	ng	0.00
86) Perylene-d12	15.25	264	245837	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	802859	101.78	ng	0.01
7) Phenol-d6	6.36	99	1031704	101.43	ng	0.00
23) Nitrobenzene-d5	7.28	82	655204	82.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	203883	104.52	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1075253	93.73	ng	0.00
78) Terphenyl-d14	12.81	244	1099837	75.00	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	73683	5.736	ng	Qvalue 97

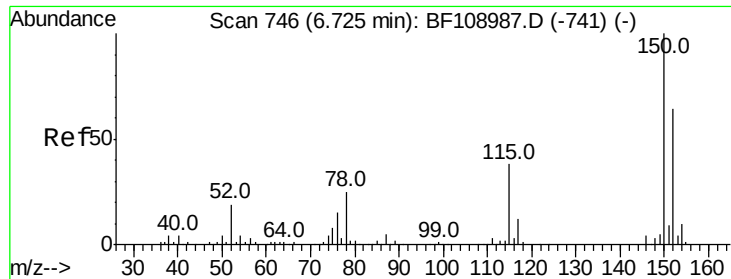
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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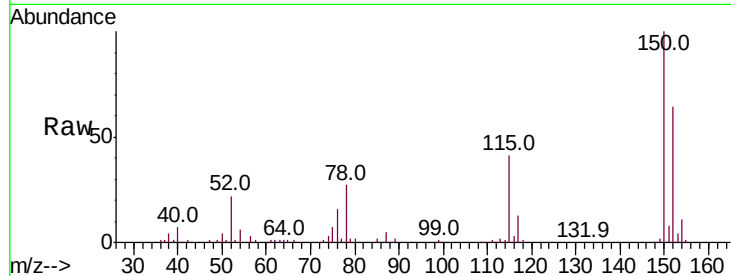


#1

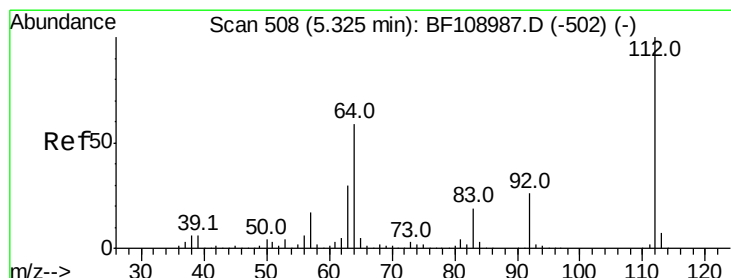
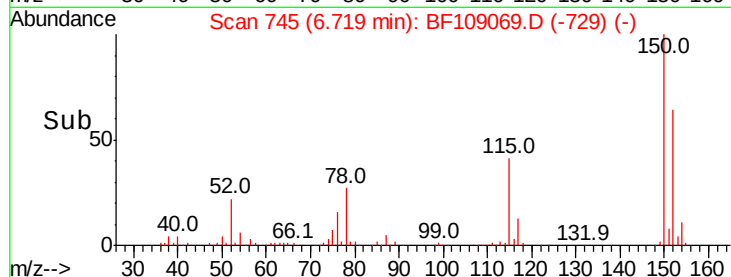
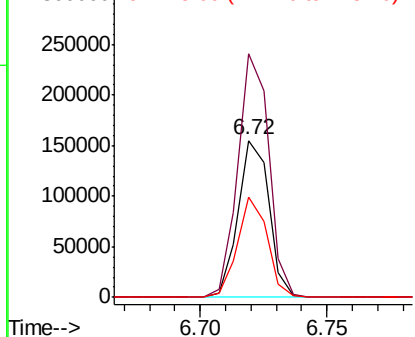
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109069.D
Acq: 18 Sep 2018 1:43

Instrument :
BNA_F
ClientSampleId :
138kv-2

Tot Ion:152 Resp: 131013
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 64.2 50.1 75.1



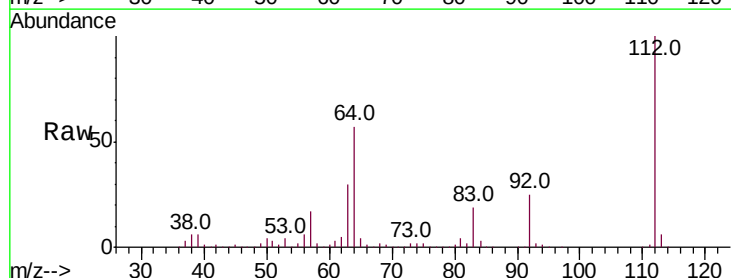
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



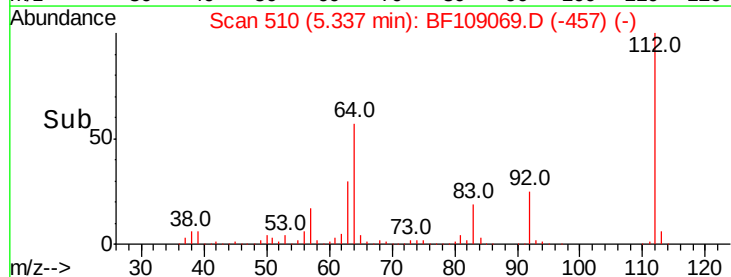
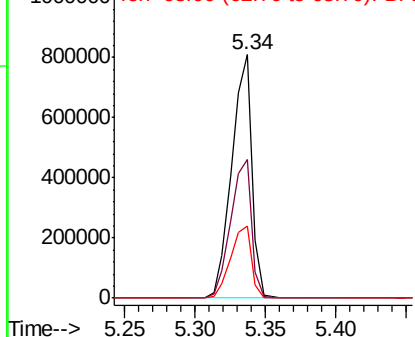
#5

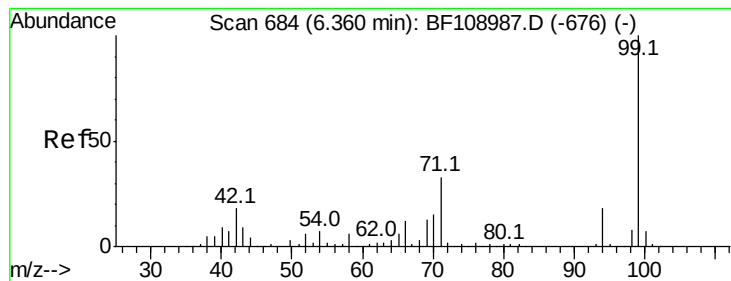
2-Fluorophenol
Concen: 101.780 ng
RT: 5.34 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF109069.D
Acq: 18 Sep 2018 1:43

Tgt Ion:112 Resp: 802859
Ion Ratio Lower Upper
112 100
64 56.7 47.9 71.9
63 29.8 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: 101.432 ng

RT: 6.36 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF109069.D

Acq: 18 Sep 2018 1:43

Instrument :

BNA_F

ClientSampled :

138kv-2

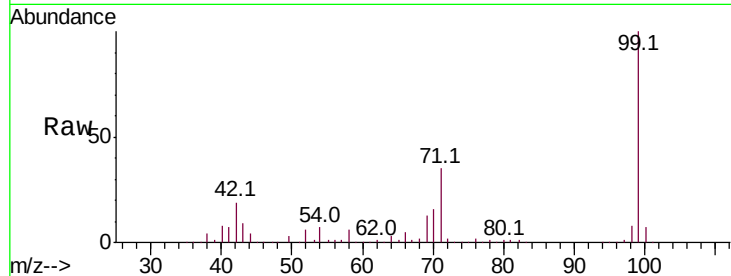
Tot Ion: 99 Resp: 1031704

Ion Ratio Lower Upper

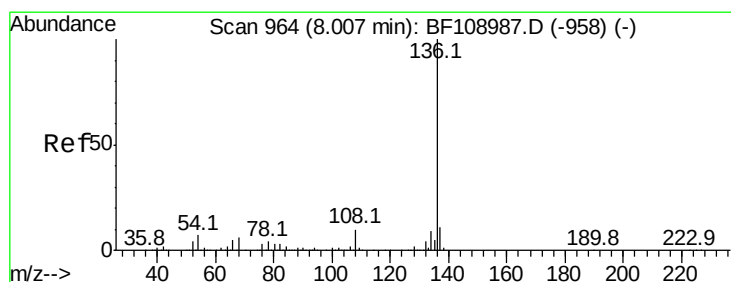
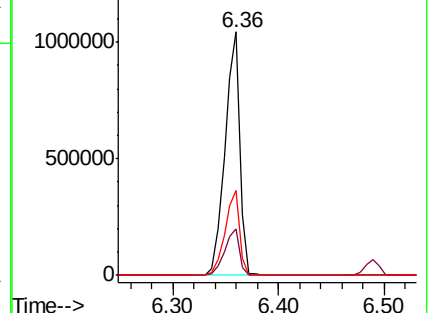
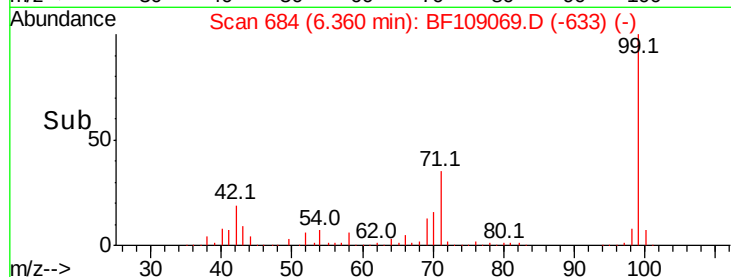
99 100

42 19.2 14.5 21.7

71 34.9 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: BF109069.D

Acq: 18 Sep 2018 1:43

Tgt Ion: 136 Resp: 444326

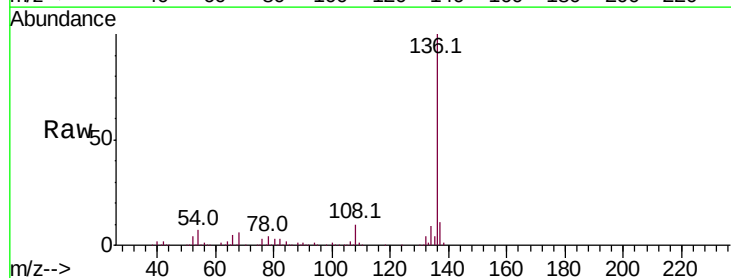
Ion Ratio Lower Upper

136 100

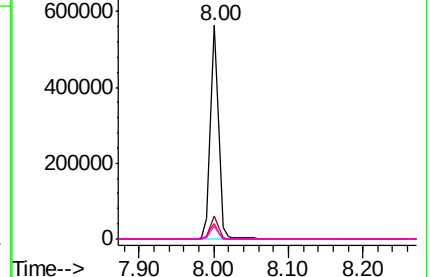
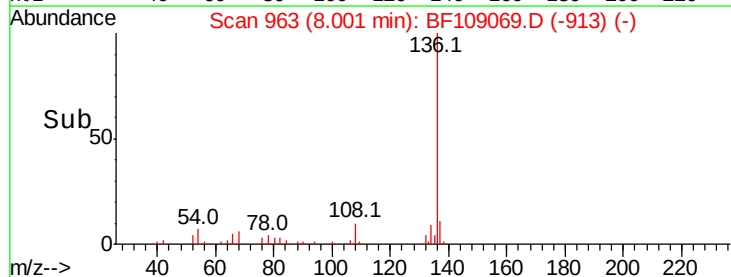
137 10.9 8.9 13.3

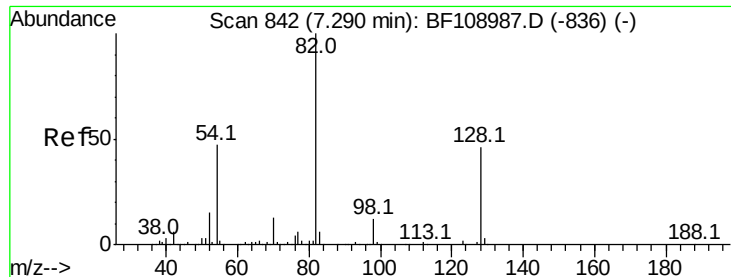
54 7.1 6.6 9.8

68 6.0 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

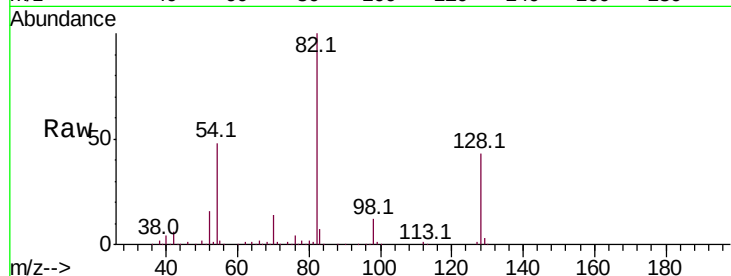




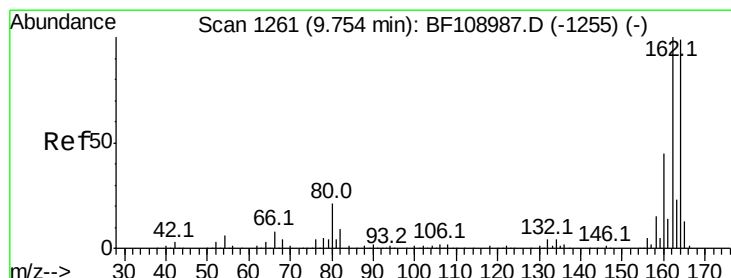
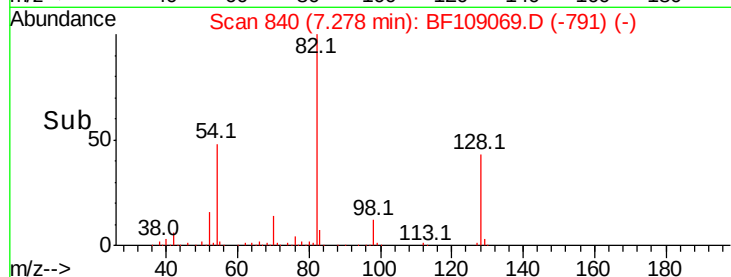
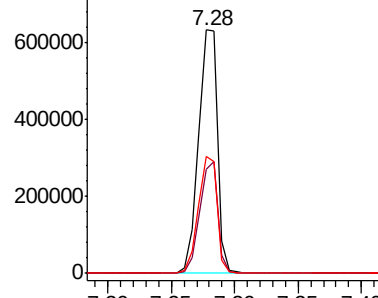
#23
 Nitrobenzene-d5
 Concen: 82.708 ng
 RT: 7.28 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF109069.D
 Acq: 18 Sep 2018 1:43

Instrument :
 BNA_F
 ClientSampled :
 138kv-2

Tot Ion	82	Resp	655204
Ion Ratio	100	Lower	Upper
128	42.6	36.1	54.1
54	48.3	41.4	62.2

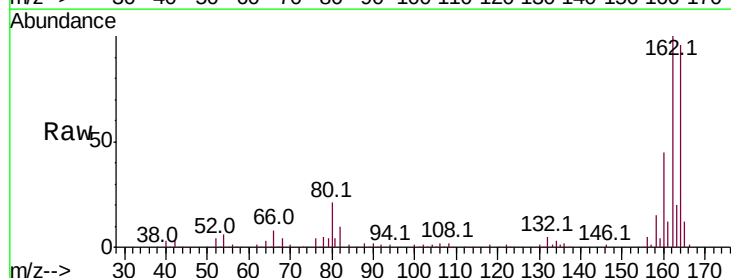


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

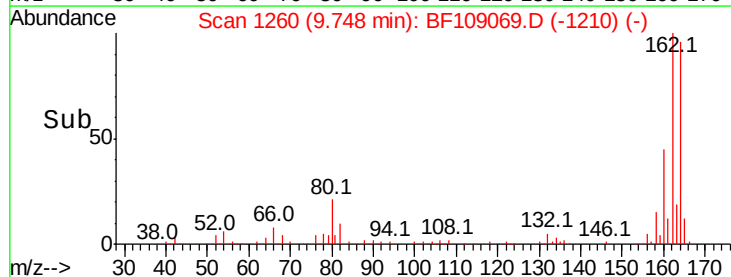
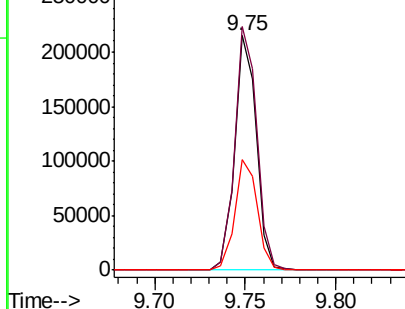


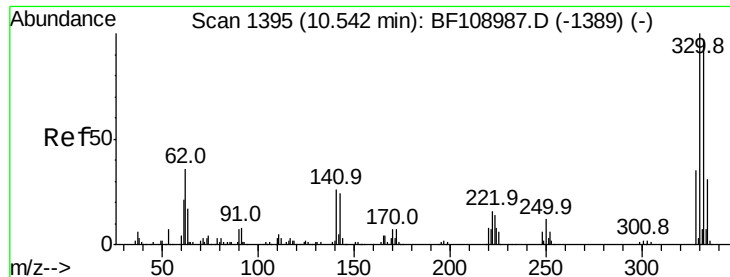
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109069.D
 Acq: 18 Sep 2018 1:43

Tgt Ion	164	Resp	179736
Ion Ratio	100	Lower	Upper
162	103.8	86.1	129.1
160	47.1	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

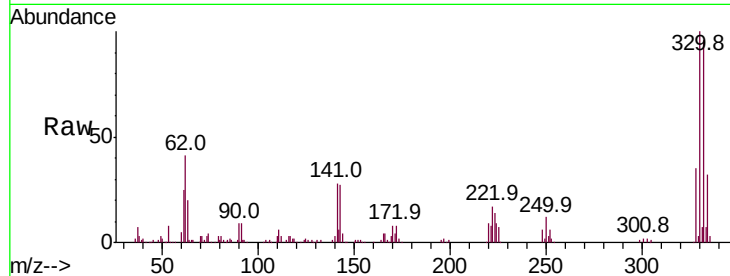




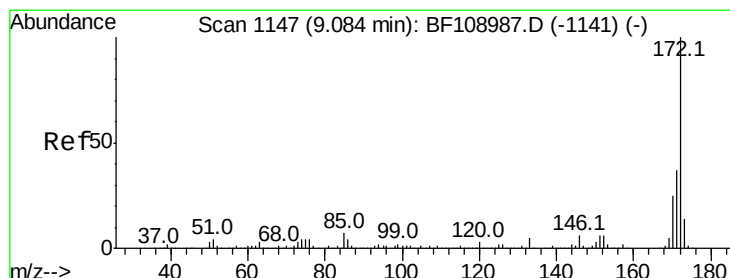
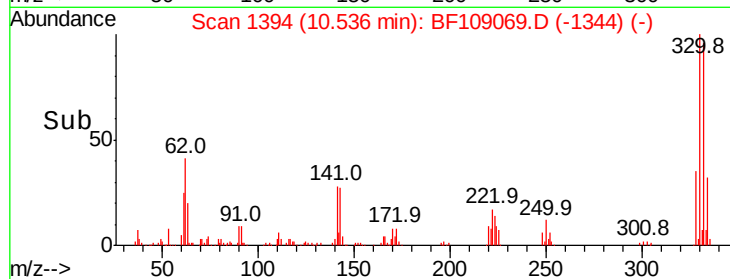
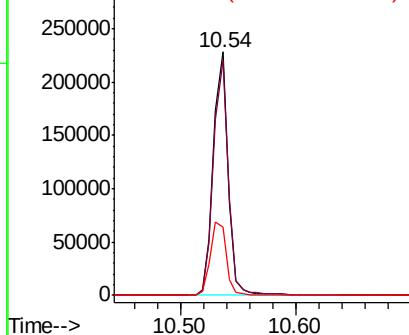
#41
 2,4,6-Tribromophenol
 Concen: 104.522 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109069.D
 Acq: 18 Sep 2018 1:43

Instrument :
 BNA_F
 ClientSampleId :
 138kv-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	32.7	29.9	44.9

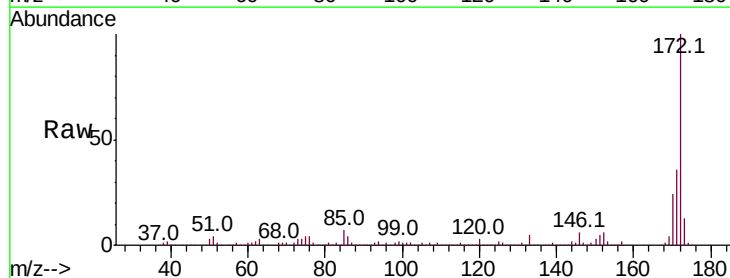


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

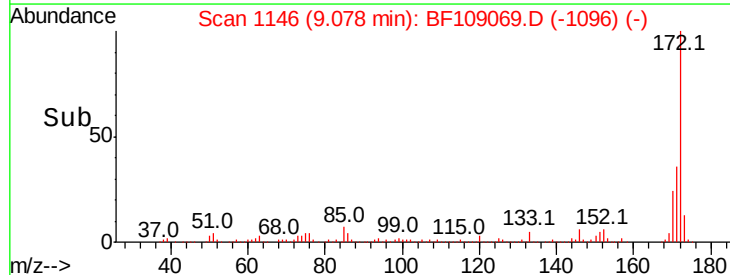
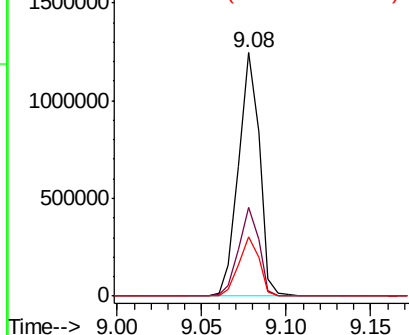


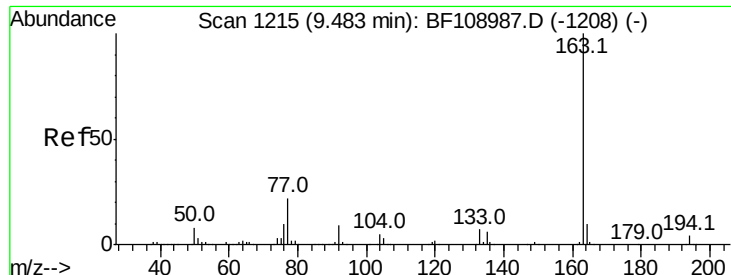
#44
 2-Fluorobiphenyl
 Concen: 93.728 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109069.D
 Acq: 18 Sep 2018 1:43

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

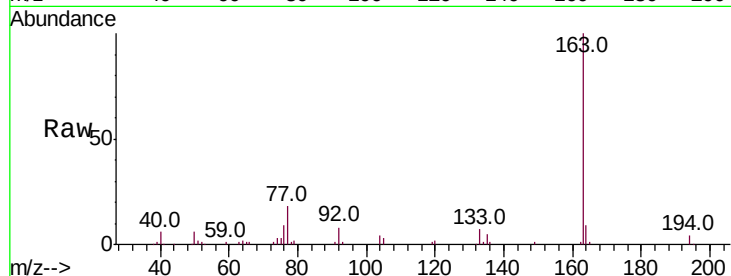




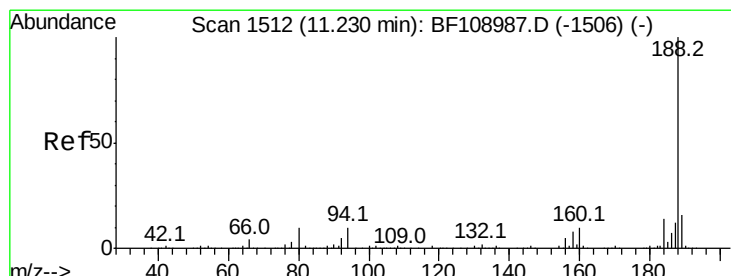
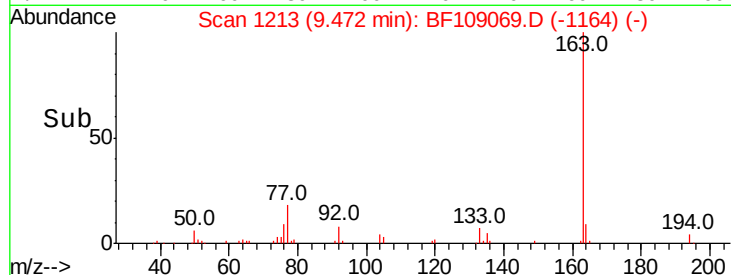
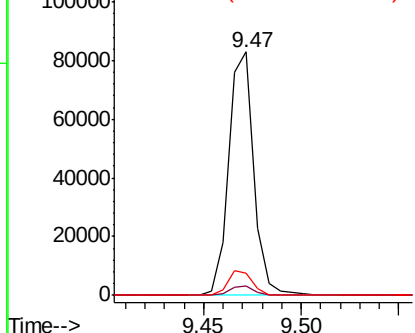
#49
Dimethylphthalate
Concen: 5.736 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109069.D
Acq: 18 Sep 2018 1:43

Instrument :
BNA_F
ClientSampled :
138kv-2

Tot Ion:163 Resp: 73683
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.0 8.2 12.2

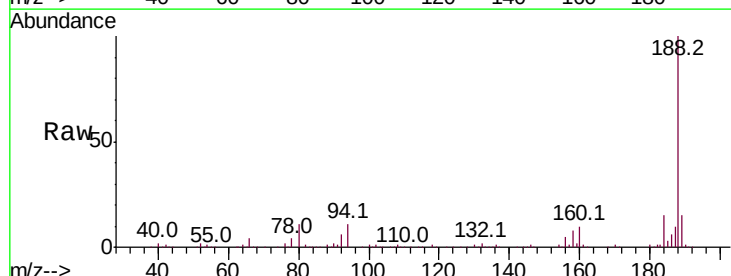


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

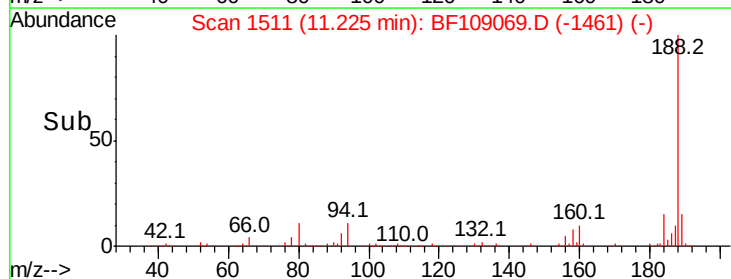
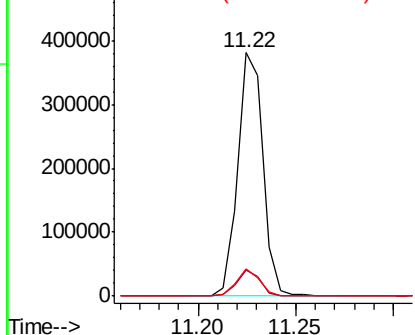


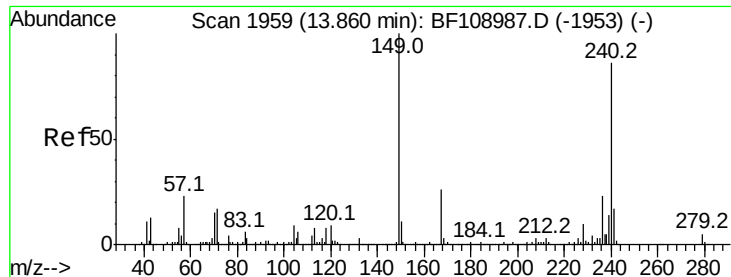
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109069.D
Acq: 18 Sep 2018 1:43

Tgt Ion:188 Resp: 342546
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.3 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: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109069.D

Acq: 18 Sep 2018 1:43

Instrument :

BNA_F

ClientSampleId :

138kv-2

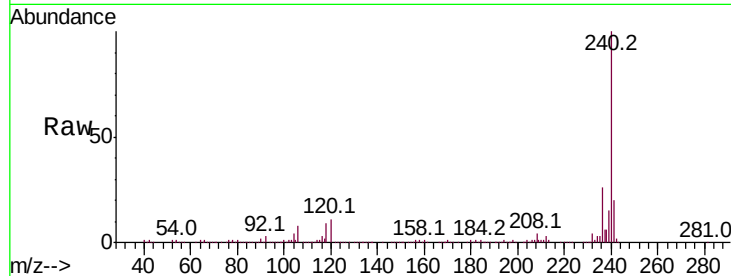
Tot Ion:240 Resp: 347574

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

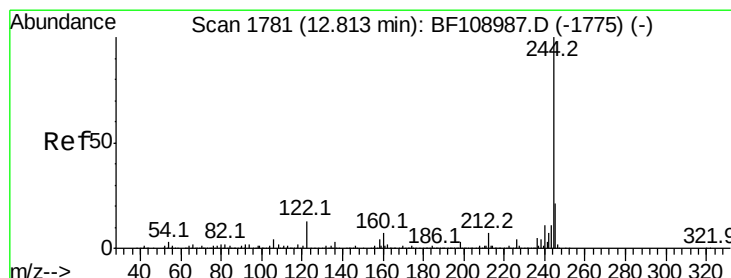
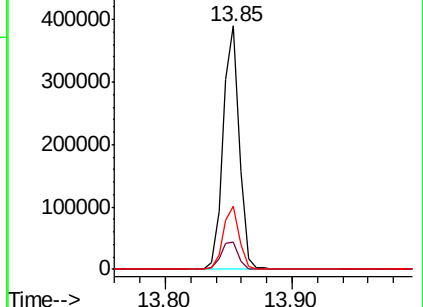
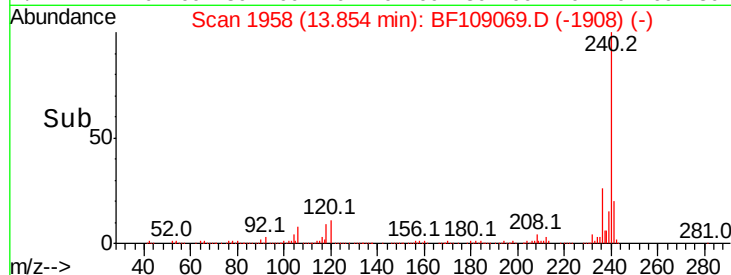
236 26.1 20.7 31.1



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: 75.003 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109069.D

Acq: 18 Sep 2018 1:43

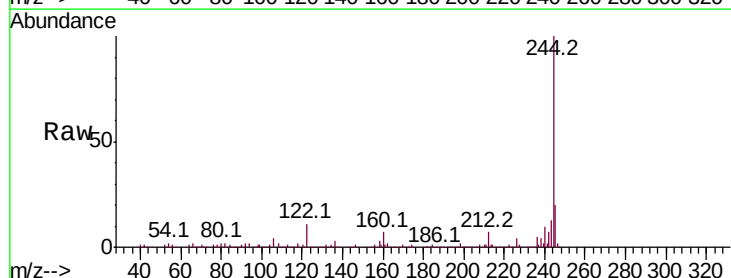
Tgt Ion:244 Resp: 1099837

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

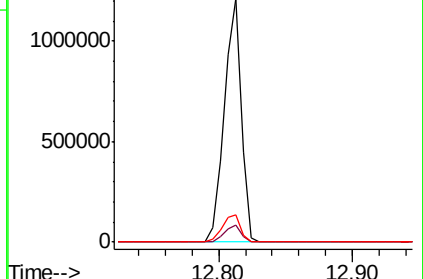
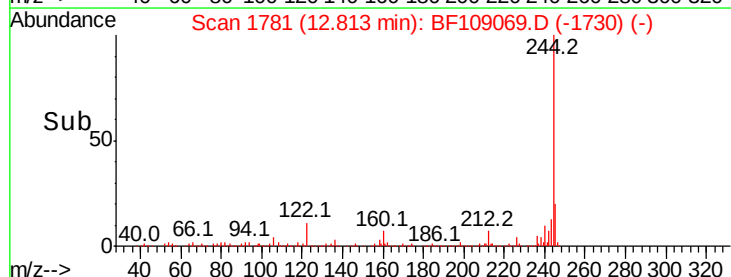
122 11.3 11.0 16.4

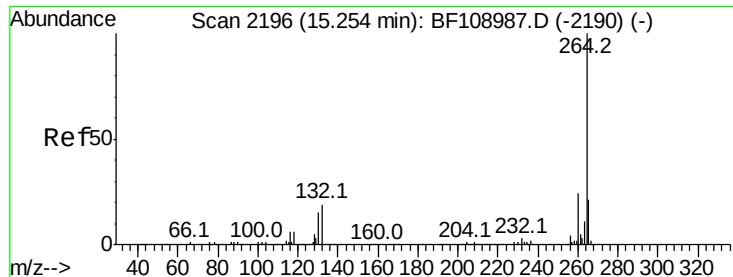


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF109069.D
 Acq: 18 Sep 2018 1:43

Instrument :
 BNA_F
 ClientSampleId :
 138kv-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.7	17.5	26.3

