

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF109026.D
 Acq On : 15 Sep 2018 5:57
 Operator : JU/SJ
 Sample : J4901-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091218-DBRI-F-U-M

Quant Time: Sep 15 07:09:28 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

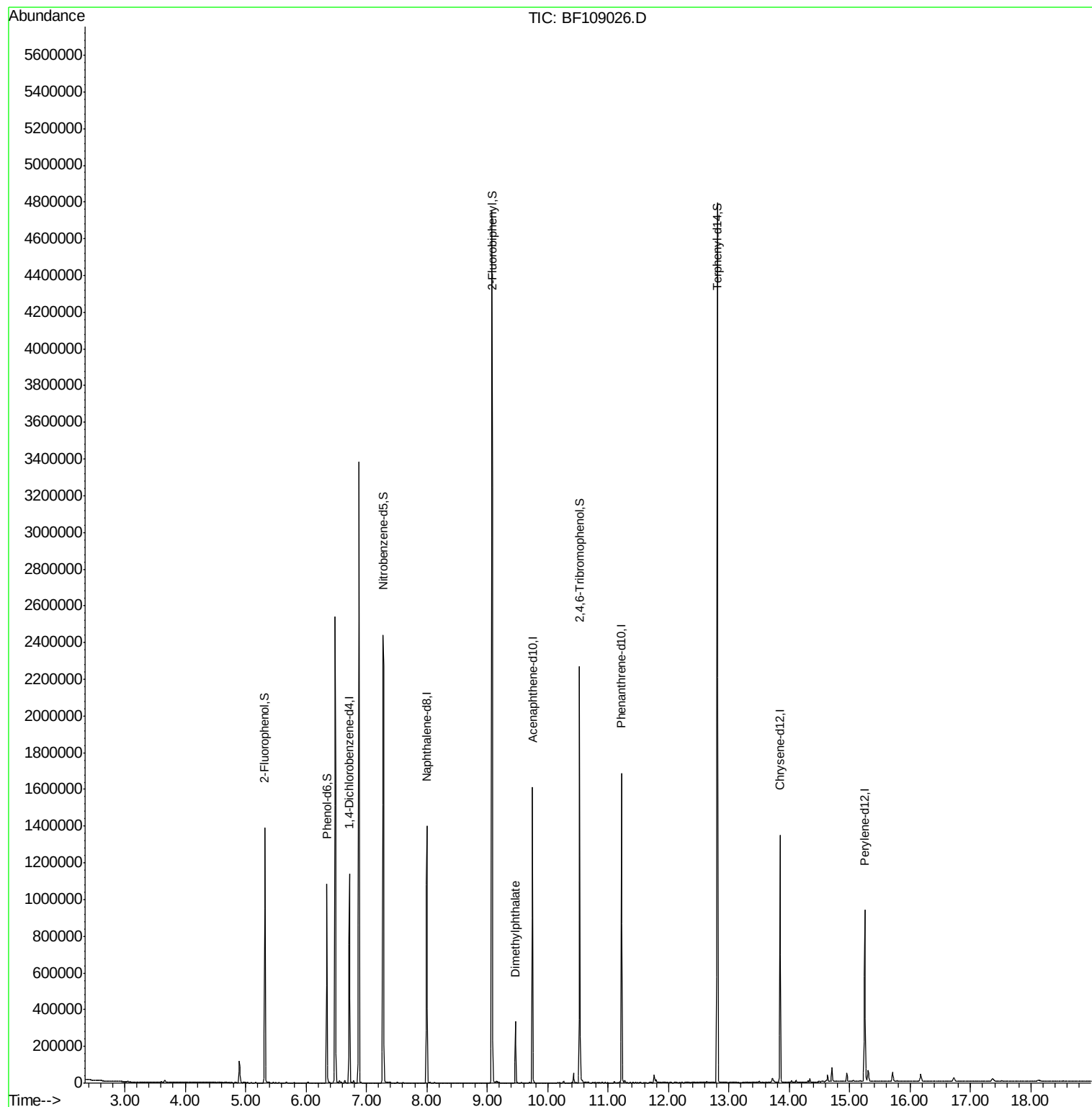
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	153069	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	574955	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	287079	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	562728	20.00	ng	0.00
75) Chrysene-d12	13.85	240	437636	20.00	ng	-0.01
86) Perylene-d12	15.25	264	413730	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	359673	39.03	ng	0.00
7) Phenol-d6	6.34	99	305412	25.70	ng	-0.02
23) Nitrobenzene-d5	7.28	82	919385	89.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	270126	86.70	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1525557	83.26	ng	0.00
78) Terphenyl-d14	12.81	244	1719717	93.14	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	120646	5.880	ng	Qvalue 100

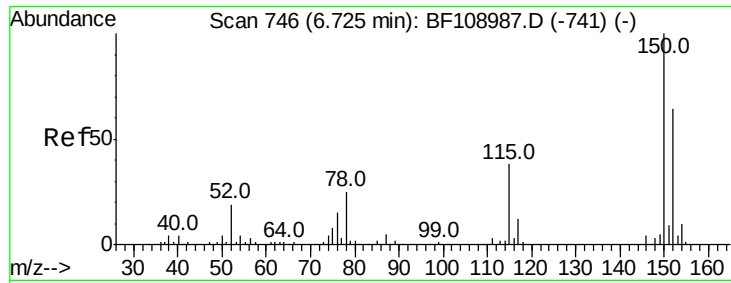
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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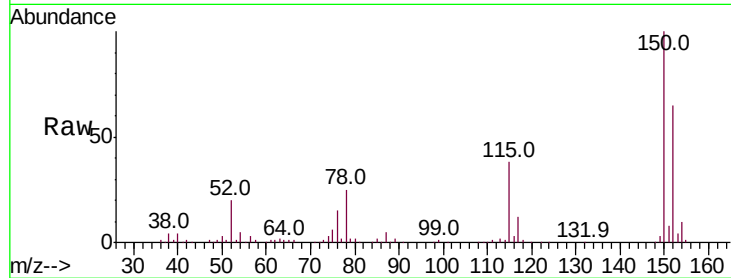


#1

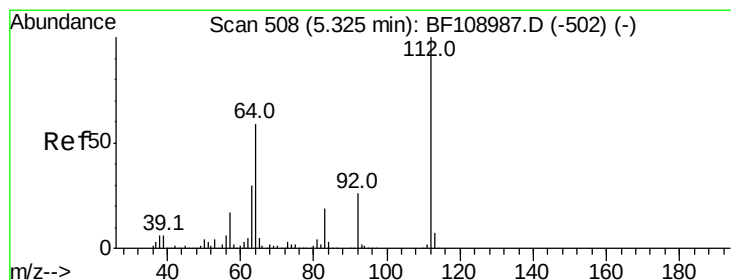
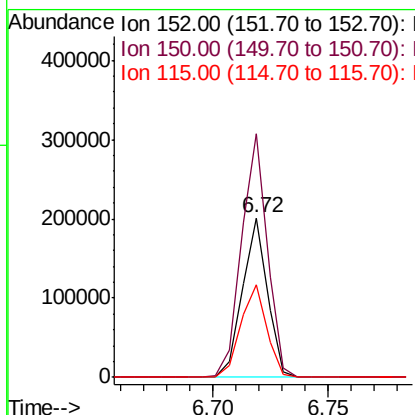
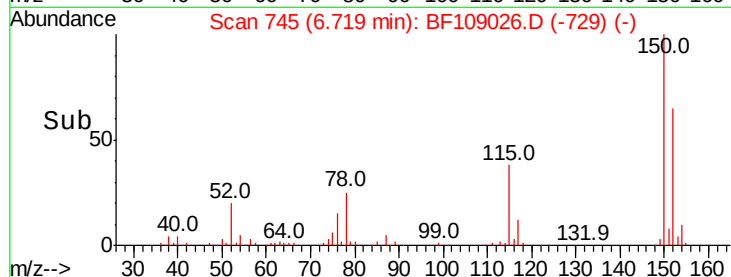
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109026.D
 Acq: 15 Sep 2018 5:57

Instrument :
 BNA_F
 ClientSampleId :
 091218-DBRI-F-U-M

Tot Ion:152 Resp: 153069
 Ion Ratio Lower Upper
 152 100
 150 152.9 124.6 186.8
 115 58.5 50.1 75.1



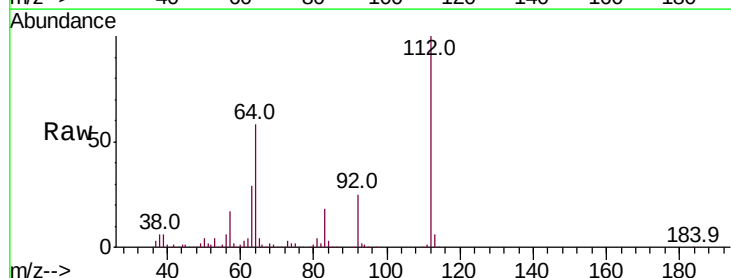
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



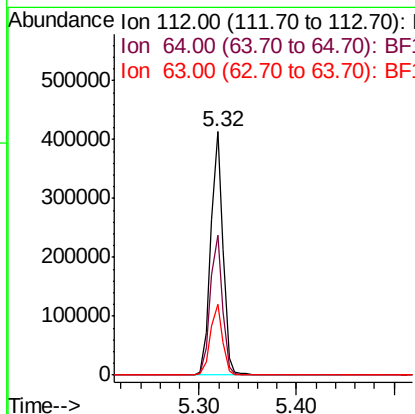
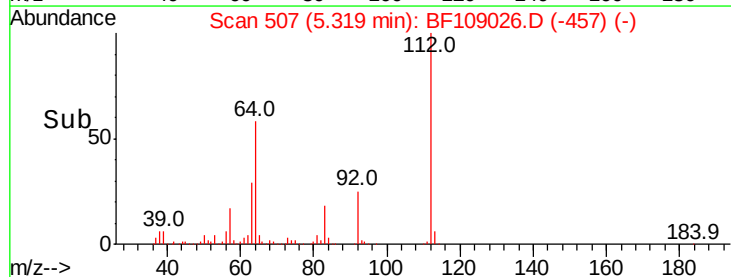
#5

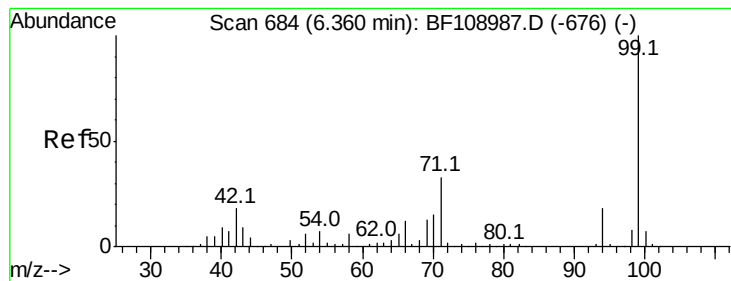
2-Fluorophenol
 Concen: 39.027 ng
 RT: 5.32 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: BF109026.D
 Acq: 15 Sep 2018 5:57

Tgt Ion:112 Resp: 359673
 Ion Ratio Lower Upper
 112 100
 64 57.7 47.9 71.9
 63 29.0 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: 25.700 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109026.D

Acq: 15 Sep 2018 5:57

Instrument :

BNA_F

ClientSampleId :

091218-DBRI-F-U-M

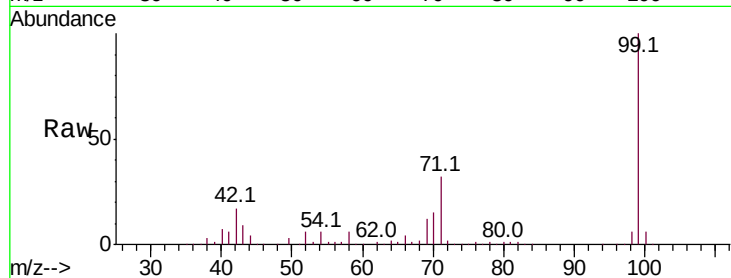
Tot Ion: 99 Resp: 305412

Ion Ratio Lower Upper

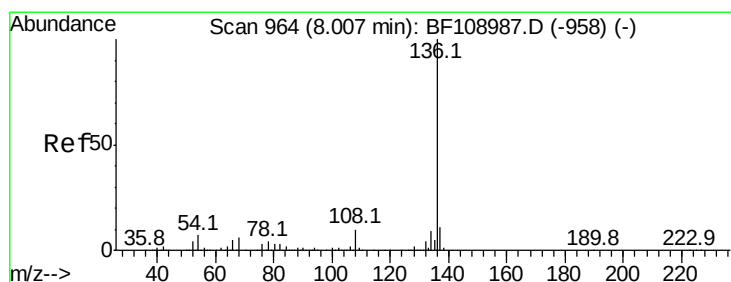
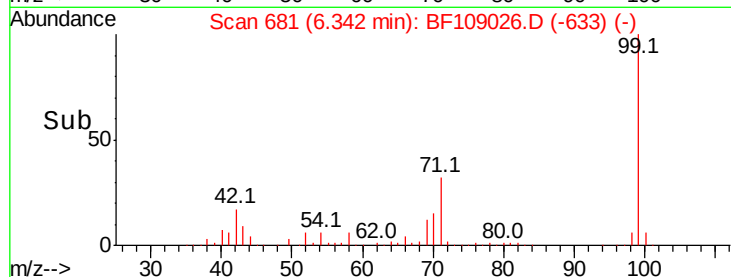
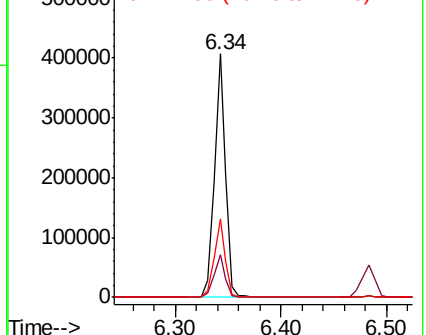
99 100

42 17.3 14.5 21.7

71 32.3 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: BF109026.D

Acq: 15 Sep 2018 5:57

Tgt Ion: 136 Resp: 574955

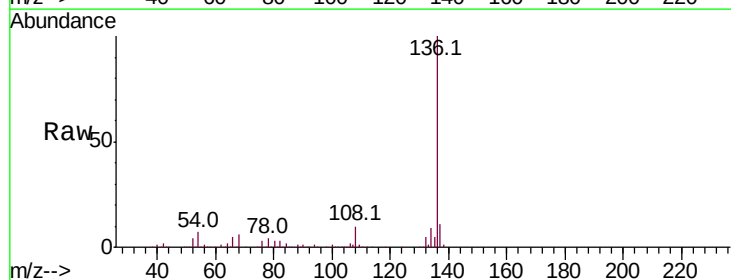
Ion Ratio Lower Upper

136 100

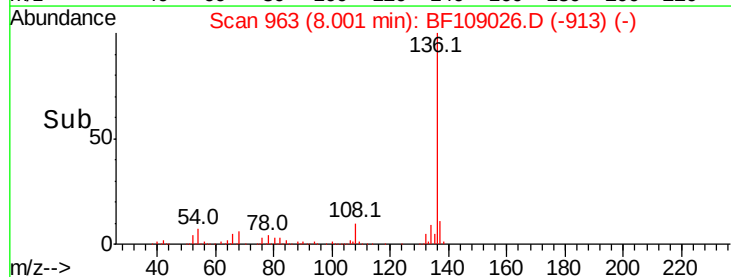
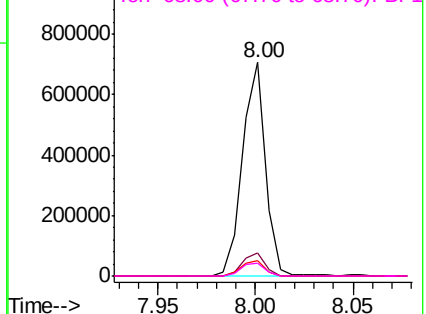
137 10.9 8.9 13.3

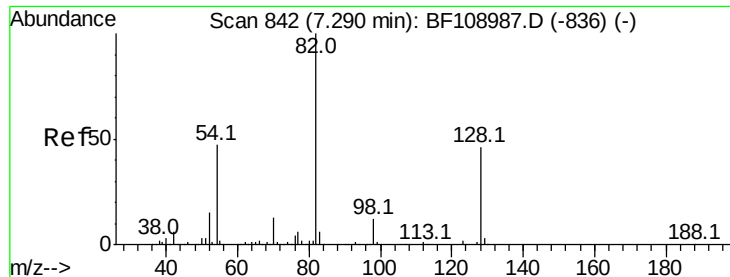
54 7.1 6.6 9.8

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

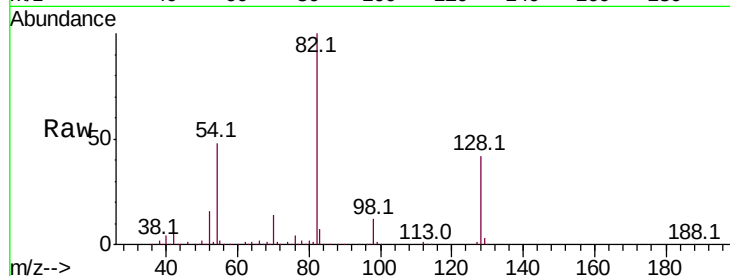




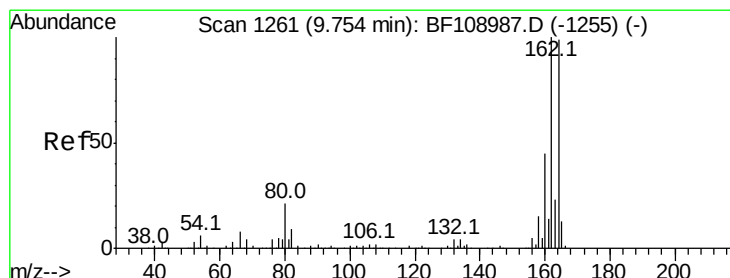
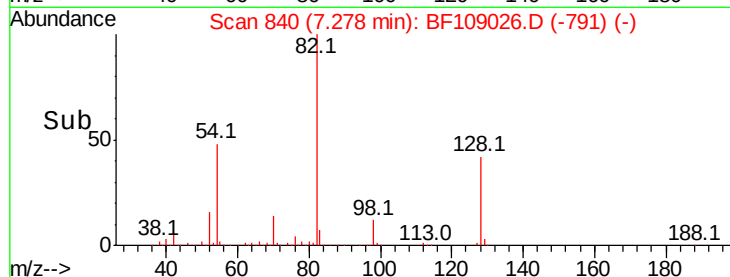
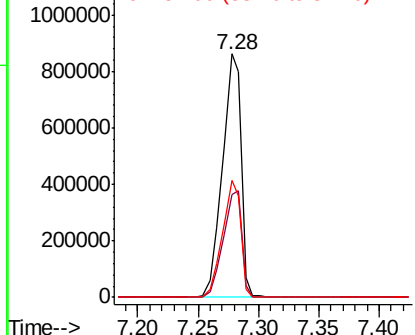
#23
 Nitrobenzene-d5
 Concen: 89.688 ng
 RT: 7.28 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF109026.D
 Acq: 15 Sep 2018 5:57

Instrument :
 BNA_F
 ClientSampleId :
 091218-DBRI-F-U-M

Tot Ion	82	Resp	919385
Ion Ratio	Lower	Upper	
82	100		
128	42.5	36.1	54.1
54	48.1	41.4	62.2

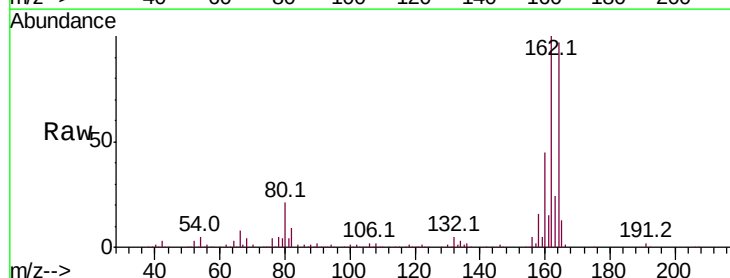


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

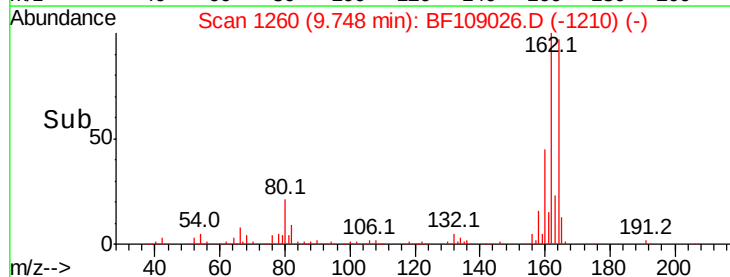
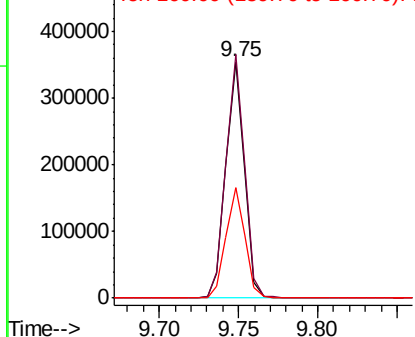


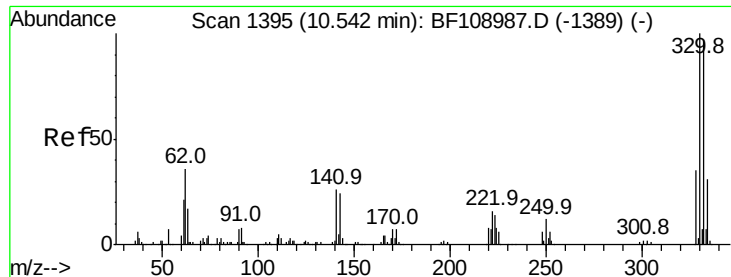
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109026.D
 Acq: 15 Sep 2018 5:57

Tgt Ion	164	Resp	287079
Ion Ratio	Lower	Upper	
164	100		
162	103.2	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

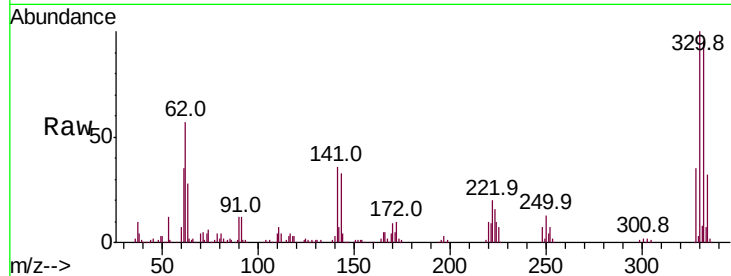




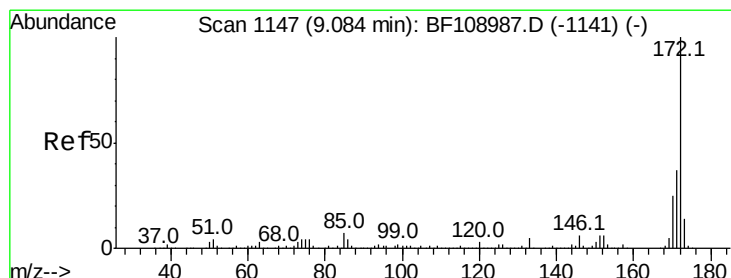
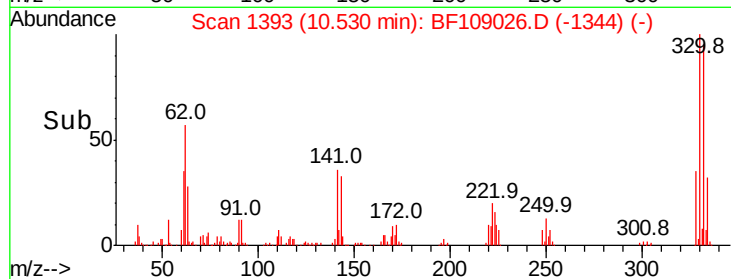
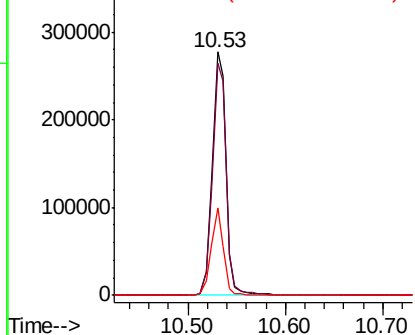
#41
 2,4,6-Tribromophenol
 Concen: 86.702 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109026.D
 Acq: 15 Sep 2018 5:57

Instrument :
 BNA_F
 ClientSampleId :
 091218-DBRI-F-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	32.5	29.9	44.9

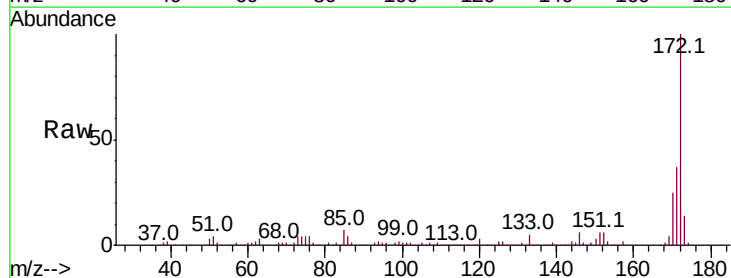


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

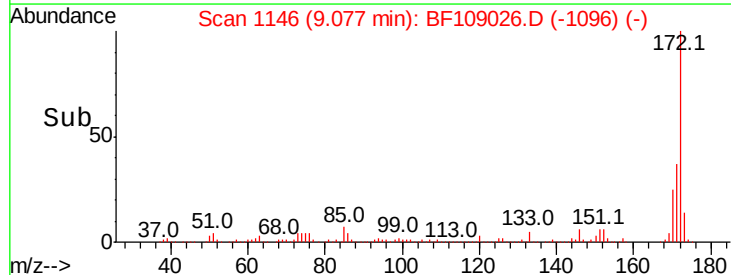
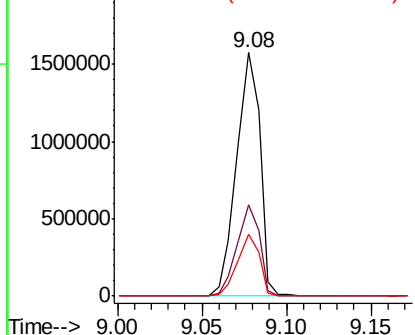


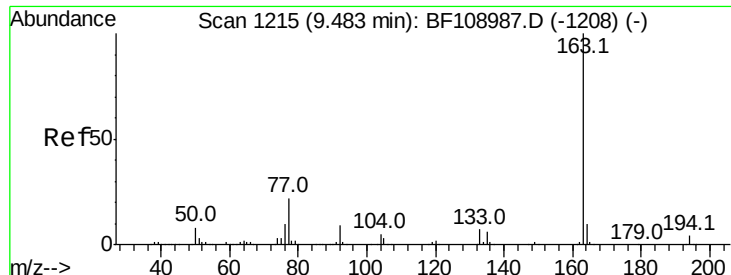
#44
 2-Fluorobiphenyl
 Concen: 83.257 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109026.D
 Acq: 15 Sep 2018 5:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.7	44.5
170	25.2	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: 5.880 ng

RT: 9.47 min Scan# 1212

Delta R.T. -0.02 min

Lab File: BF109026.D

Acq: 15 Sep 2018 5:57

Instrument :

BNA_F

ClientSampleId :

091218-DBRI-F-U-M

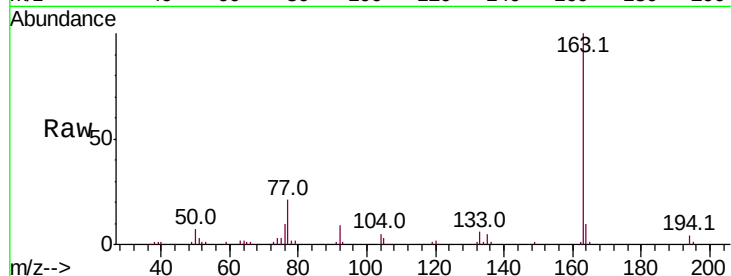
Tot Ion:163 Resp: 120646

Ion Ratio Lower Upper

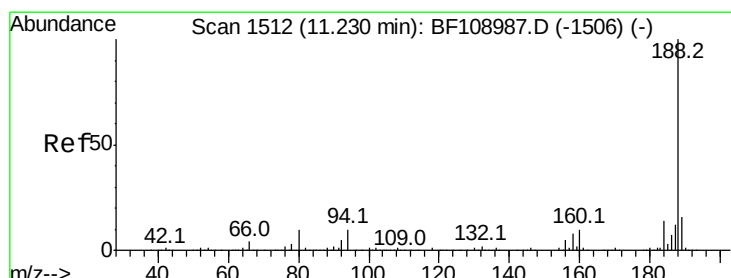
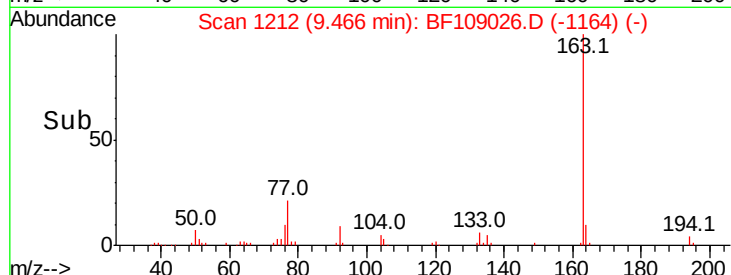
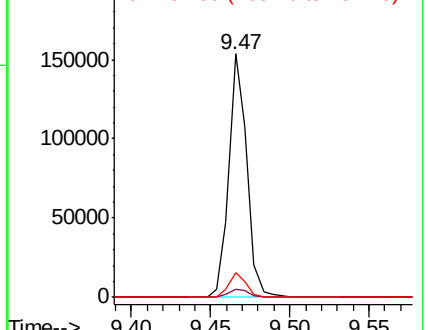
163 100

194 3.6 2.7 4.1

164 10.2 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: BF109026.D

Acq: 15 Sep 2018 5:57

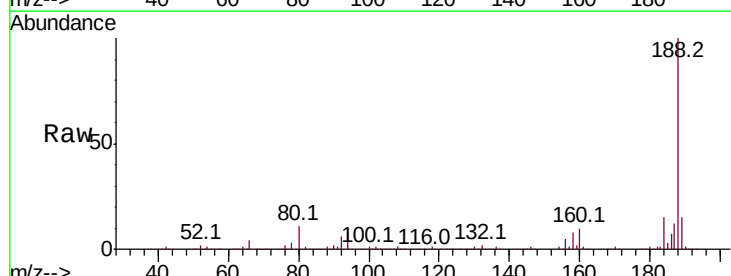
Tgt Ion:188 Resp: 562728

Ion Ratio Lower Upper

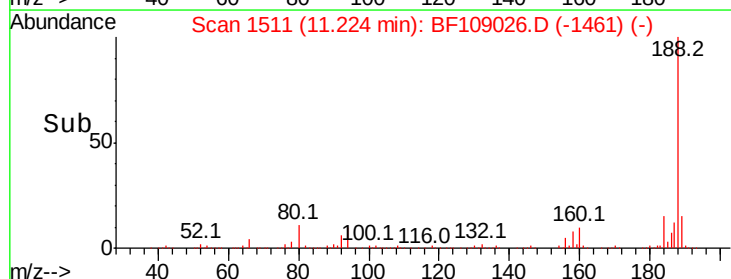
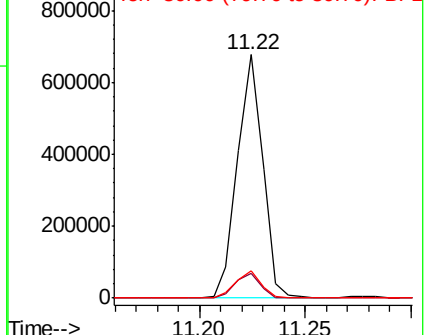
188 100

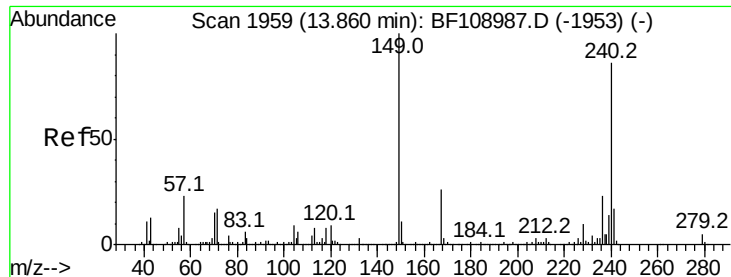
94 10.2 8.5 12.7

80 11.2 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# 1957

Delta R.T. -0.01 min

Lab File: BF109026.D

Acq: 15 Sep 2018 5:57

Instrument :

BNA_F

ClientSampleId :

091218-DBRI-F-U-M

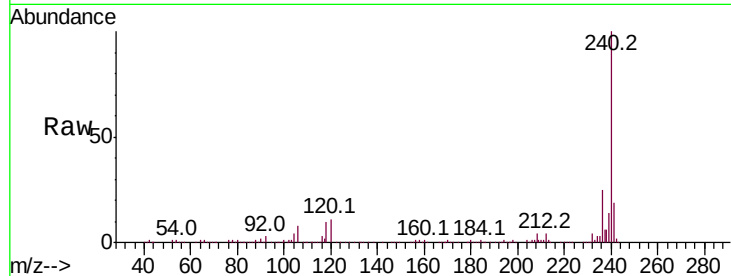
Tot Ion:240 Resp: 437636

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

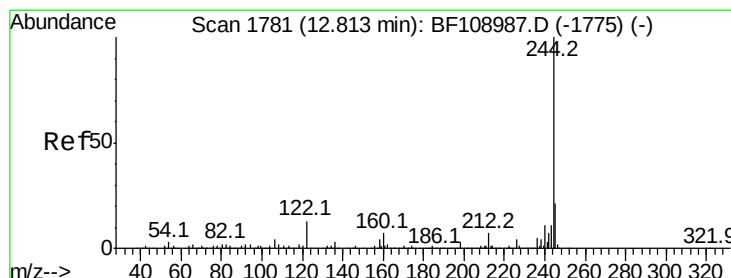
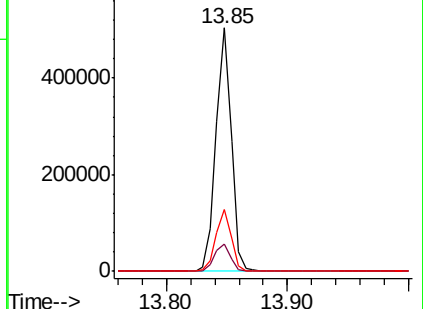
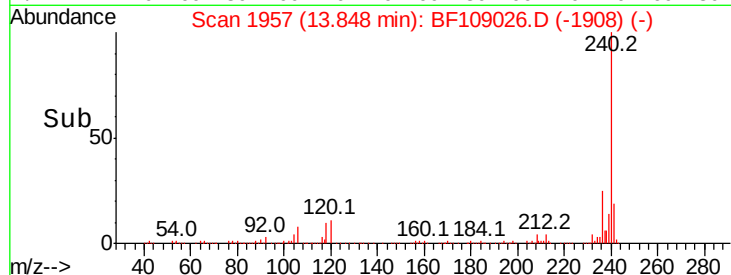
236 25.3 20.7 31.1



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: 93.141 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109026.D

Acq: 15 Sep 2018 5:57

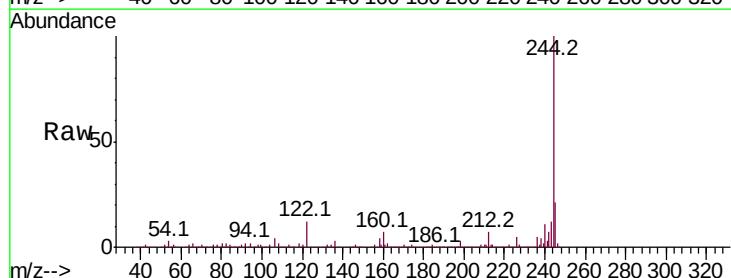
Tgt Ion:244 Resp: 1719717

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

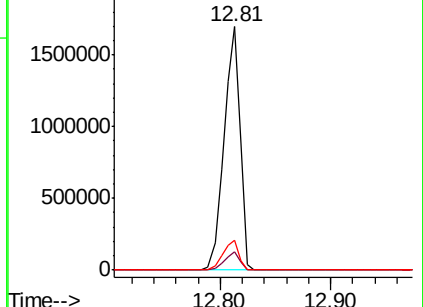
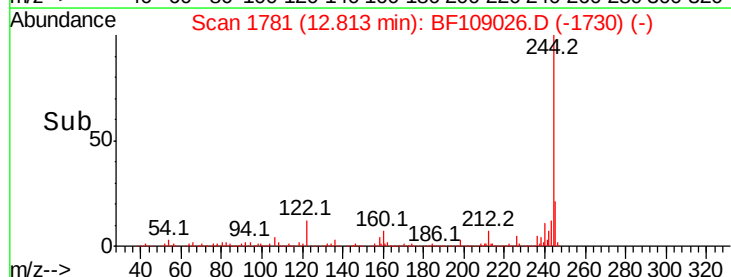
122 12.2 11.0 16.4

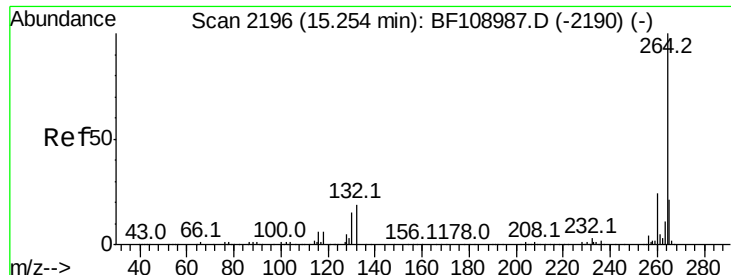


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

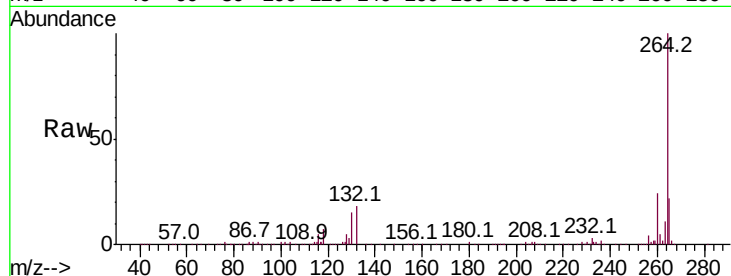




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF109026.D
Acq: 15 Sep 2018 5:57

Instrument :
BNA_F
ClientSampleId :
091218-DBRI-F-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	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

