

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF109023.D
 Acq On : 15 Sep 2018 4:35
 Operator : JU/SJ
 Sample : J4901-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Sep 15 07:07:15 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

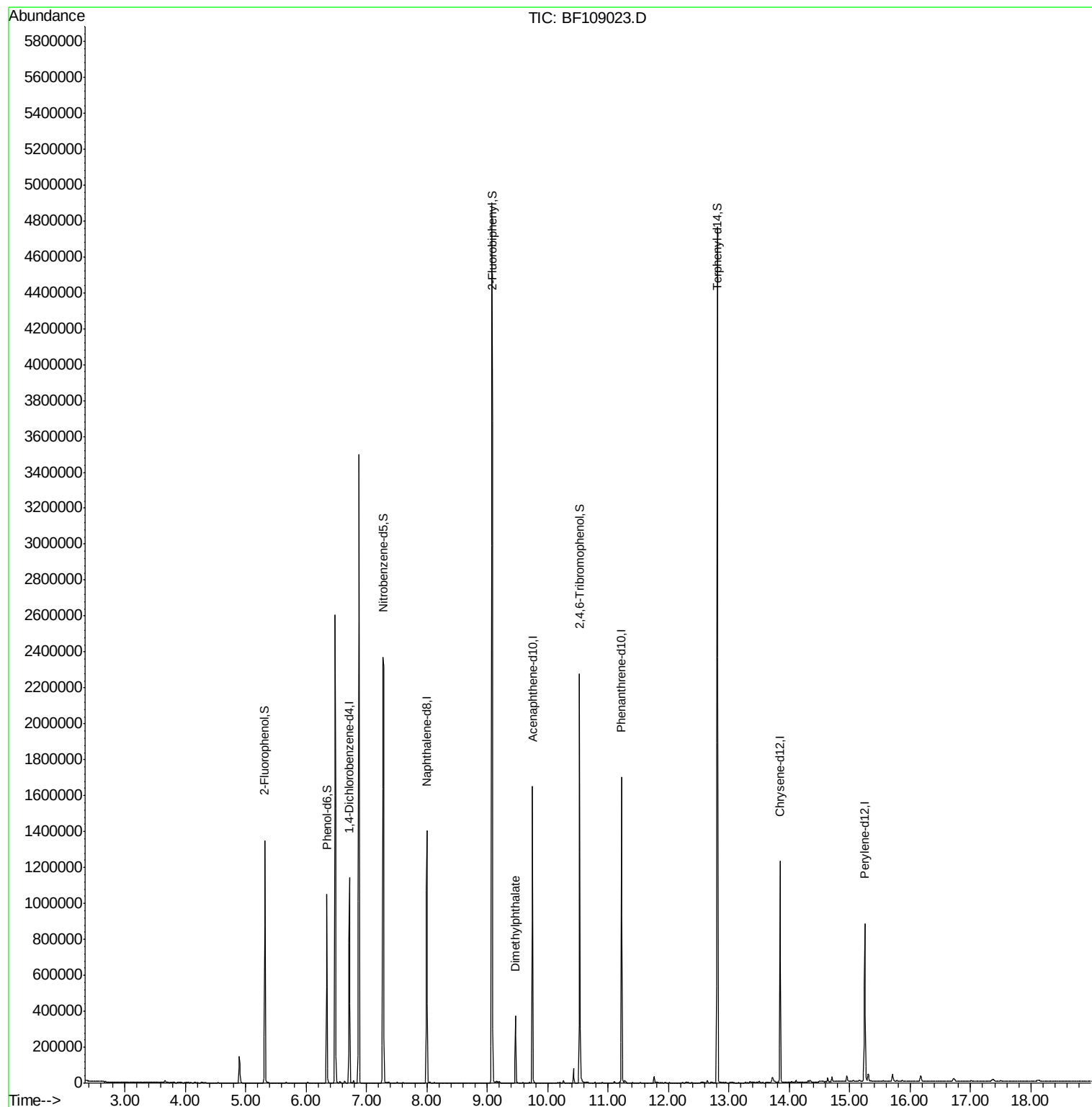
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	155317	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	594251	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	294705	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	577192	20.00	ng	0.00
75) Chrysene-d12	13.85	240	395657	20.00	ng	-0.01
86) Perylene-d12	15.25	264	405496	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	343981	36.78	ng	0.00
7) Phenol-d6	6.34	99	298061	24.72	ng	-0.02
23) Nitrobenzene-d5	7.28	82	959417	90.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	285892	89.39	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1596682	84.88	ng	0.00
78) Terphenyl-d14	12.81	244	1717368	102.88	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	140105	6.652	ng	Qvalue 99

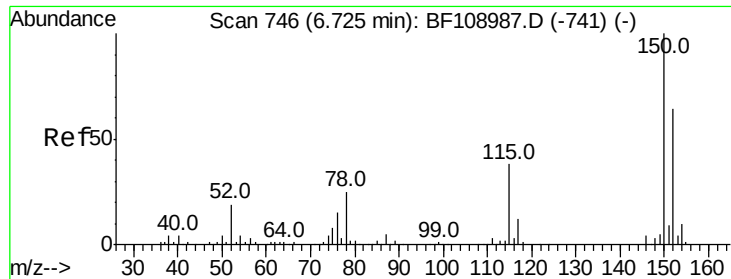
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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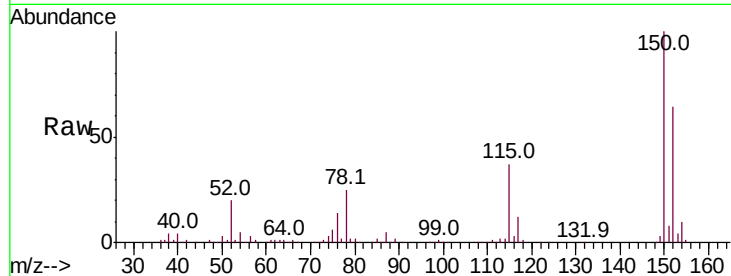


#1

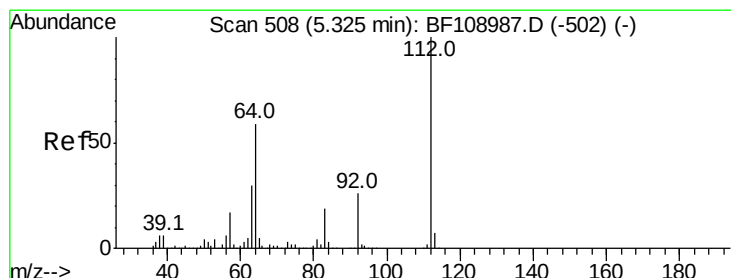
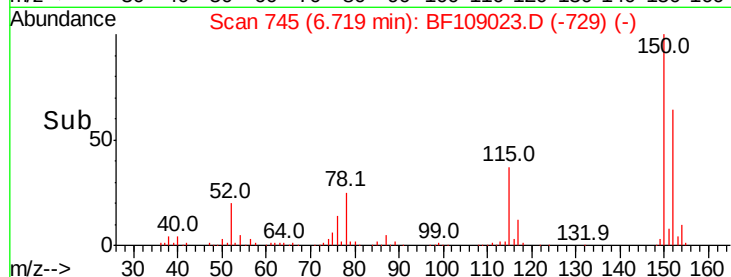
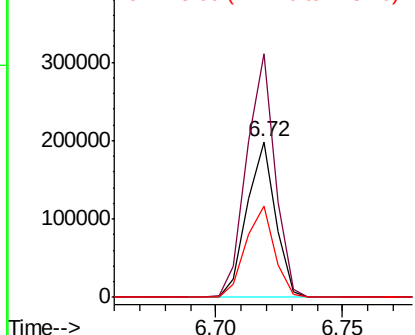
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109023.D
Acq: 15 Sep 2018 4:35

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

Tot Ion:152 Resp: 155317
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 58.6 50.1 75.1



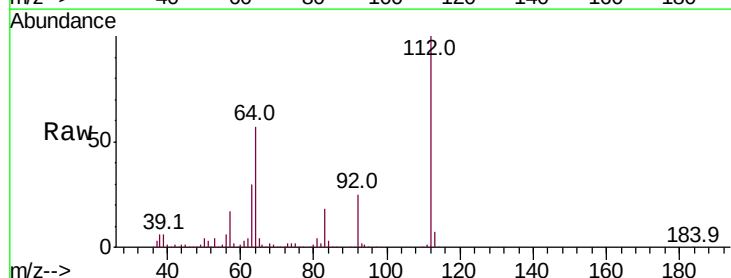
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



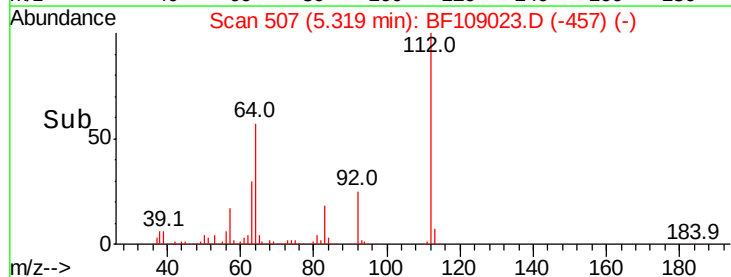
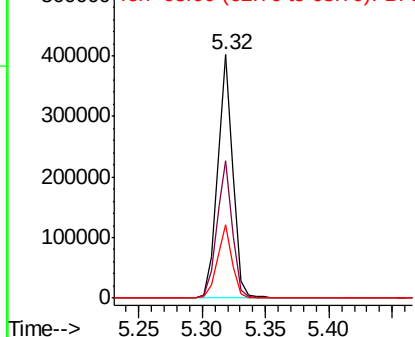
#5

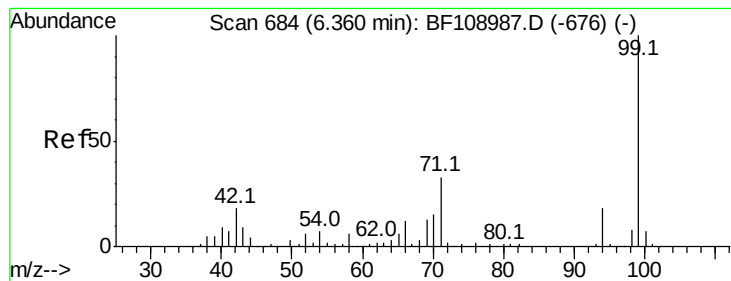
2-Fluorophenol
Concen: 36.784 ng
RT: 5.32 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF109023.D
Acq: 15 Sep 2018 4:35

Tgt Ion:112 Resp: 343981
Ion Ratio Lower Upper
112 100
64 56.6 47.9 71.9
63 30.0 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: 24.718 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109023.D

Acq: 15 Sep 2018 4:35

Instrument :

BNA_F

ClientSampleId :

091218-DBRI-F-D-M

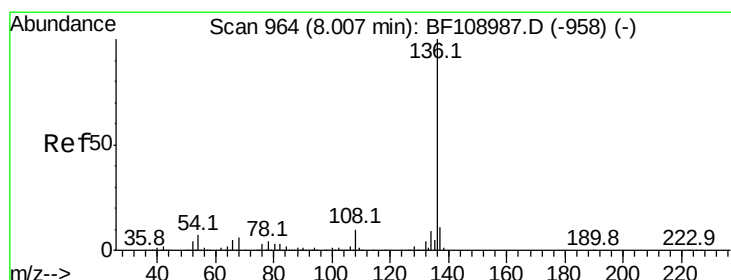
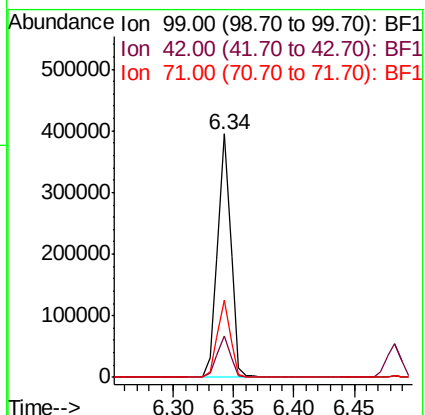
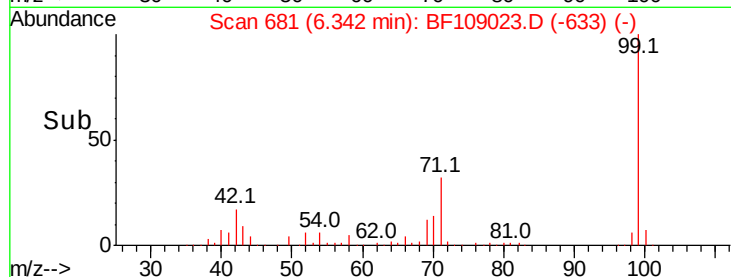
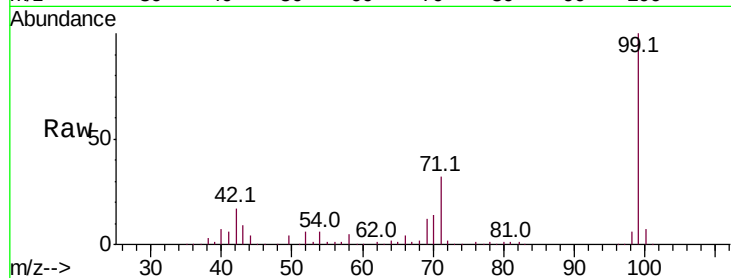
Tot Ion: 99 Resp: 298061

Ion Ratio Lower Upper

99 100

42 17.2 14.5 21.7

71 31.7 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: BF109023.D

Acq: 15 Sep 2018 4:35

Tgt Ion: 136 Resp: 594251

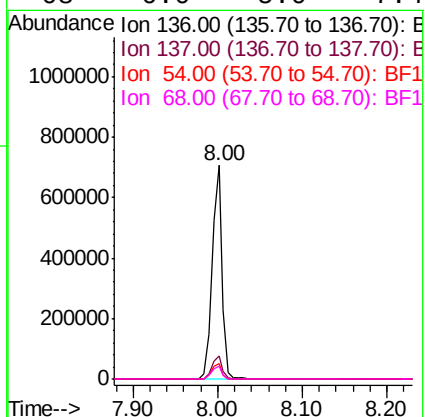
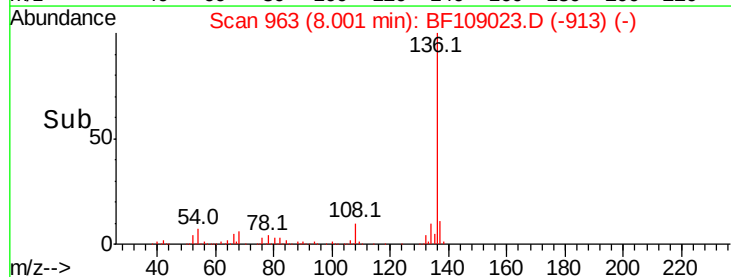
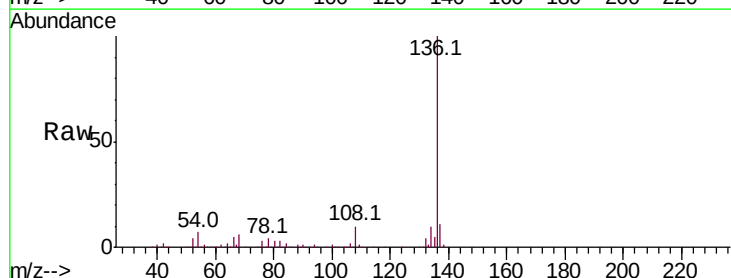
Ion Ratio Lower Upper

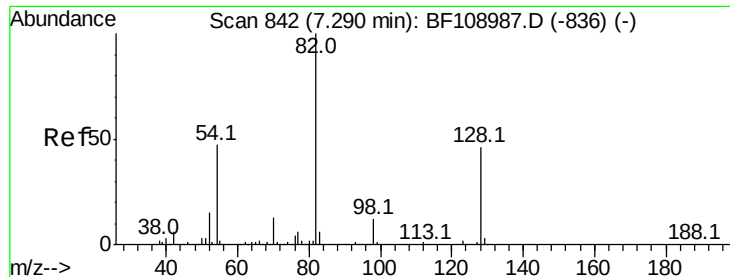
136 100

137 11.0 8.9 13.3

54 7.2 6.6 9.8

68 6.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 90.554 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF109023.D

Acq: 15 Sep 2018 4:35

Instrument :

BNA_F

ClientSampleId :

091218-DBRI-F-D-M

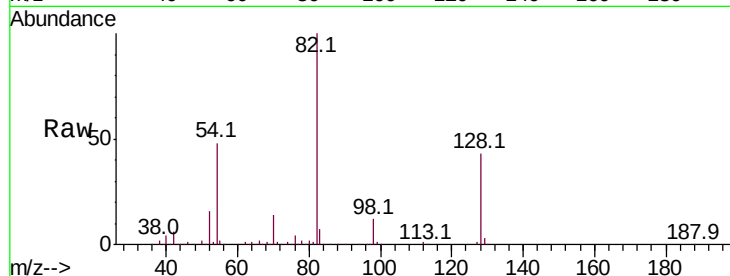
Tot Ion: 82 Resp: 959417

Ion Ratio Lower Upper

82 100

128 42.9 36.1 54.1

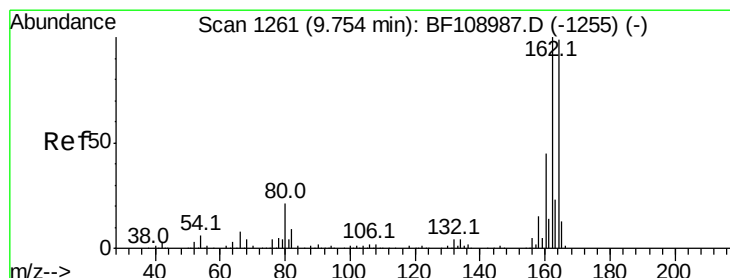
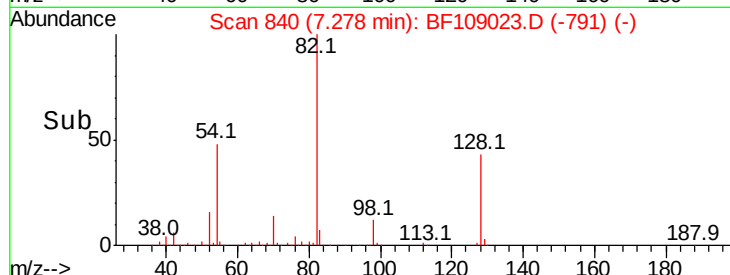
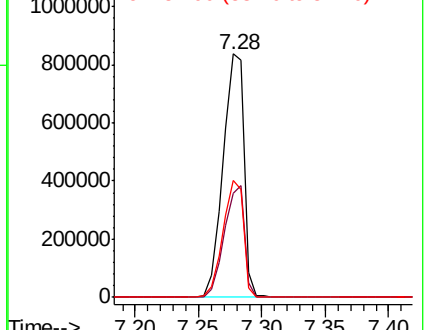
54 47.9 41.4 62.2



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: BF109023.D

Acq: 15 Sep 2018 4:35

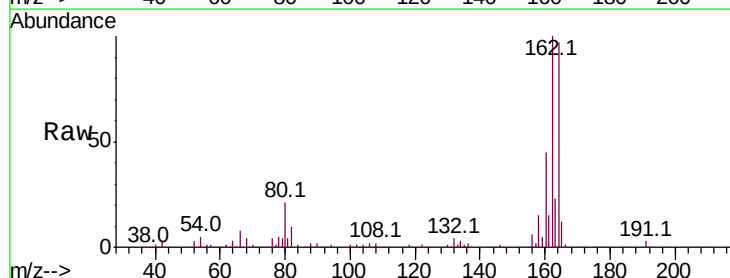
Tgt Ion: 164 Resp: 294705

Ion Ratio Lower Upper

164 100

162 102.9 86.1 129.1

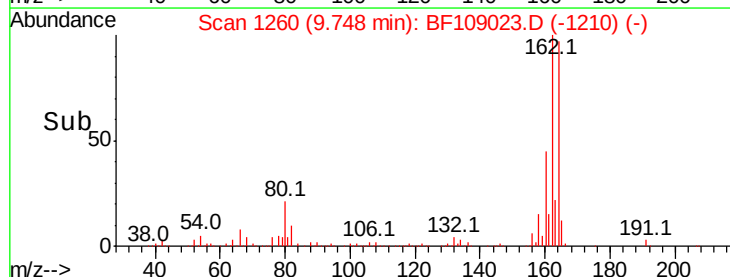
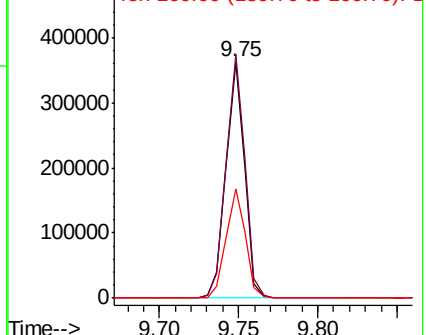
160 46.4 38.3 57.5

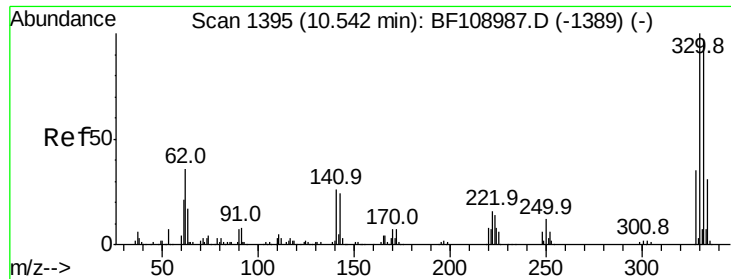


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

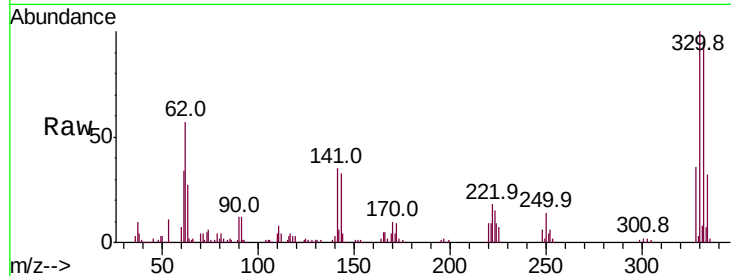




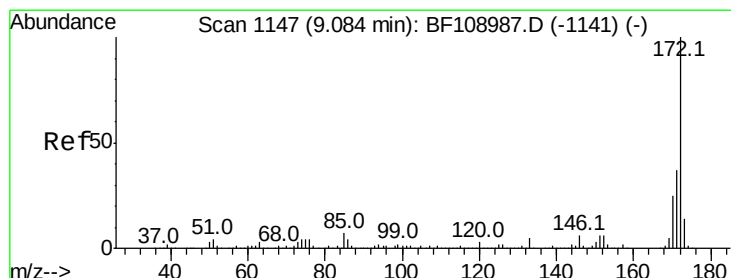
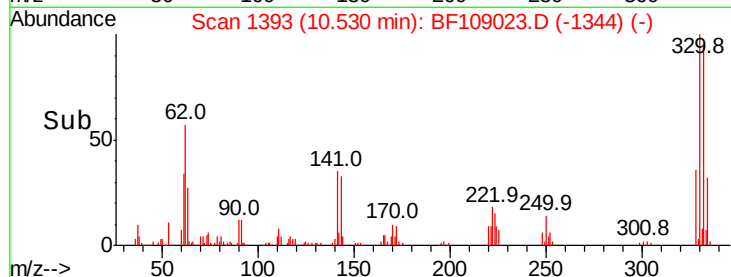
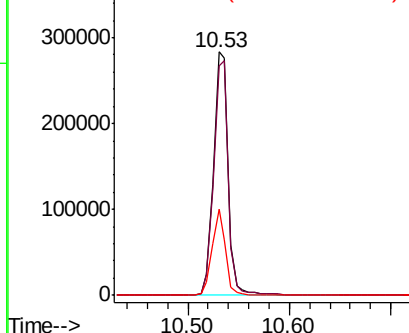
#41
 2,4,6-Tribromophenol
 Concen: 89.388 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109023.D
 Acq: 15 Sep 2018 4:35

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	32.3	29.9	44.9

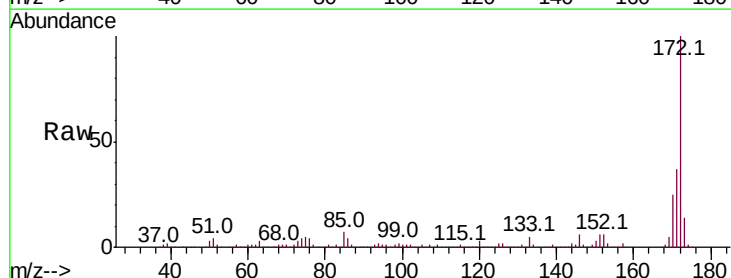


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

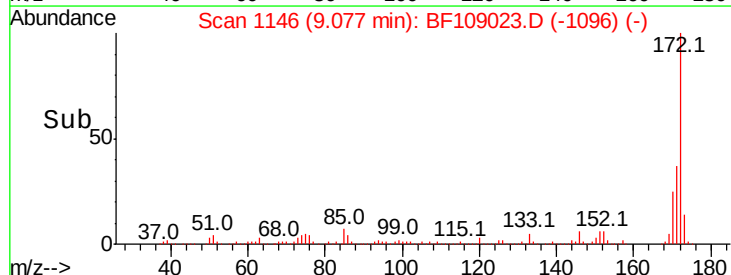
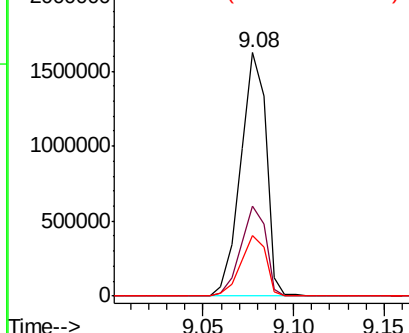


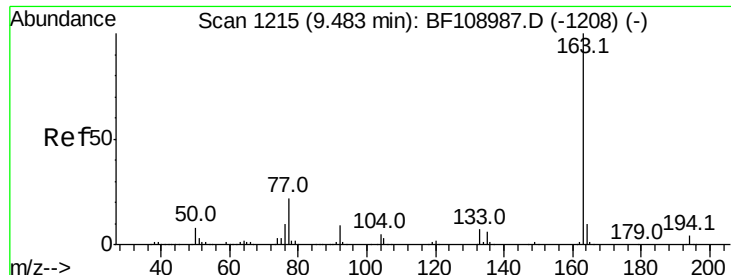
#44
 2-Fluorobiphenyl
 Concen: 84.884 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109023.D
 Acq: 15 Sep 2018 4:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.8	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: 6.652 ng

RT: 9.47 min Scan# 1212

Delta R.T. -0.02 min

Lab File: BF109023.D

Acq: 15 Sep 2018 4:35

Instrument :

BNA_F

ClientSampleId :

091218-DBRI-F-D-M

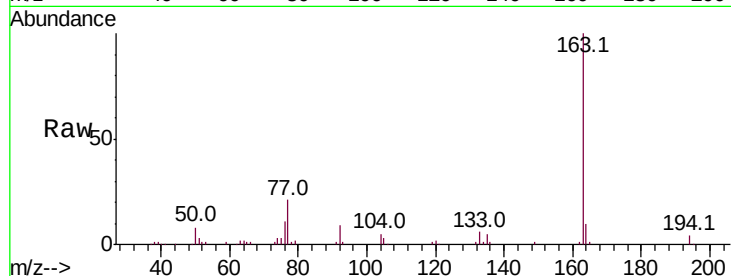
Tot Ion:163 Resp: 140105

Ion Ratio Lower Upper

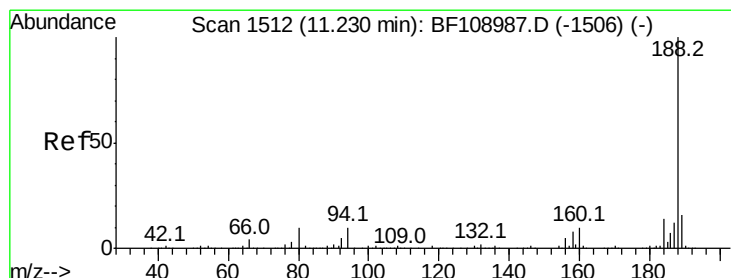
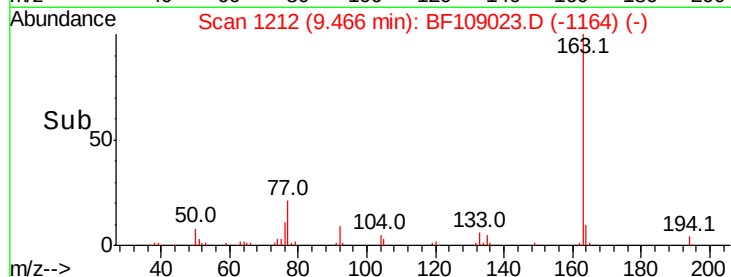
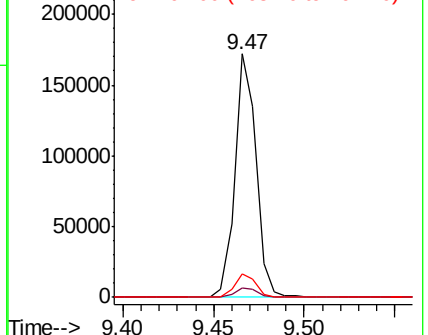
163 100

194 3.7 2.7 4.1

164 9.8 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: BF109023.D

Acq: 15 Sep 2018 4:35

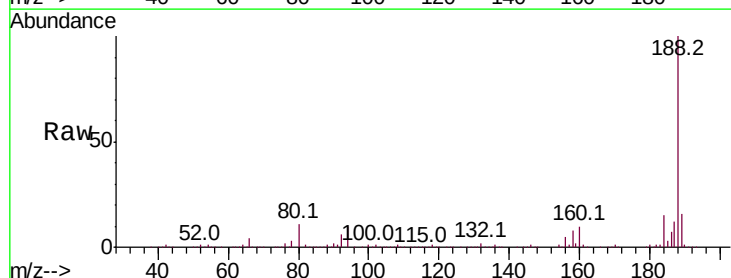
Tgt Ion:188 Resp: 577192

Ion Ratio Lower Upper

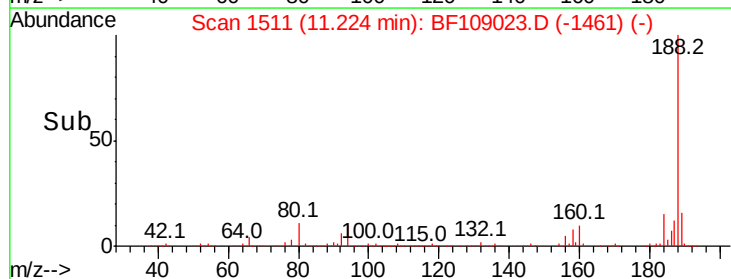
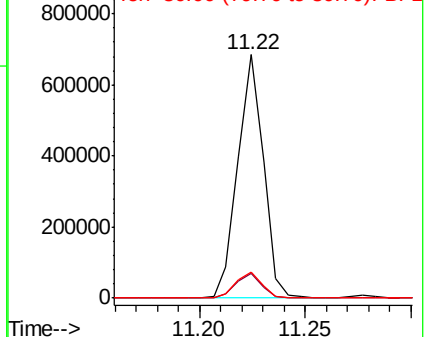
188 100

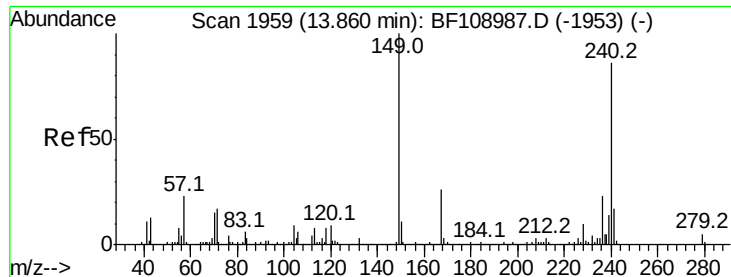
94 10.1 8.5 12.7

80 10.6 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: BF109023.D

Acq: 15 Sep 2018 4:35

Instrument :

BNA_F

ClientSampleId :

091218-DBRI-F-D-M

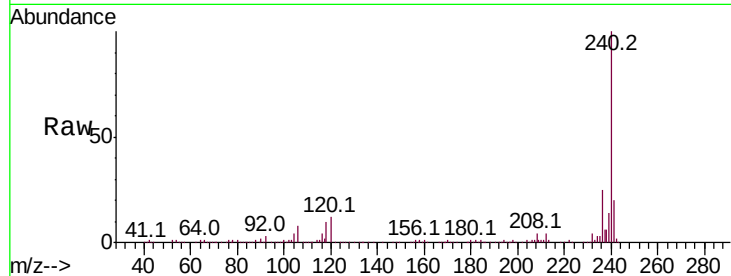
Tot Ion:240 Resp: 395657

Ion Ratio Lower Upper

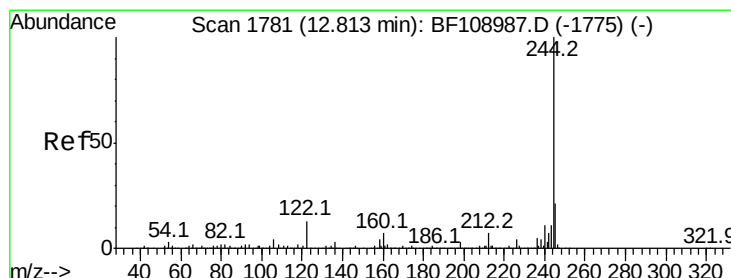
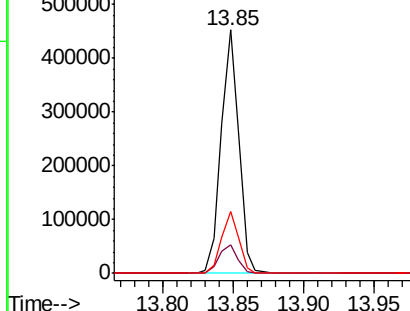
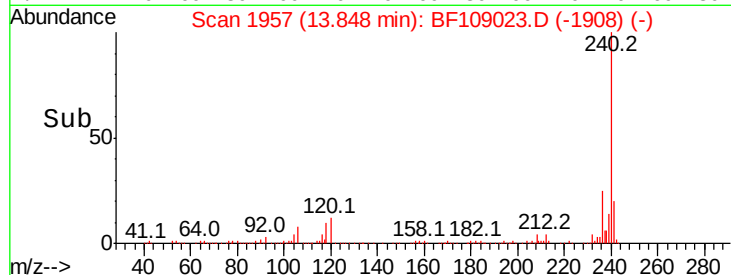
240 100

120 11.9 9.5 14.3

236 25.4 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: 102.882 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109023.D

Acq: 15 Sep 2018 4:35

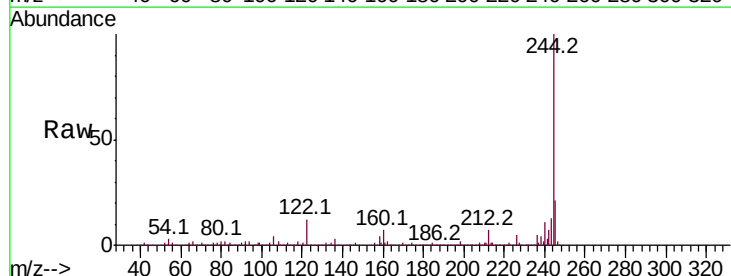
Tgt Ion:244 Resp: 1717368

Ion Ratio Lower Upper

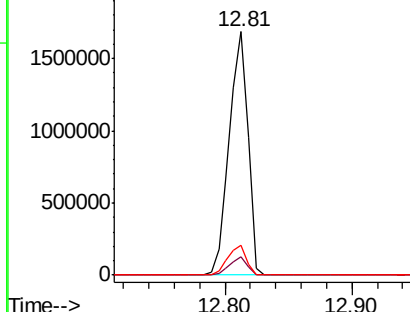
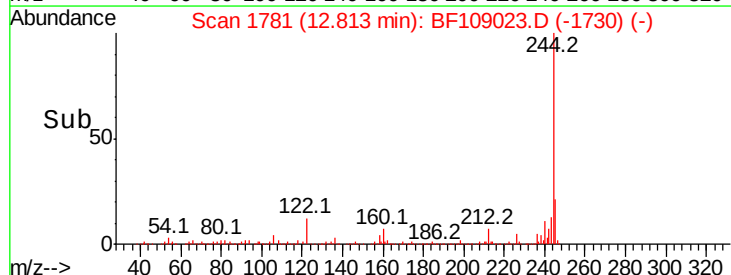
244 100

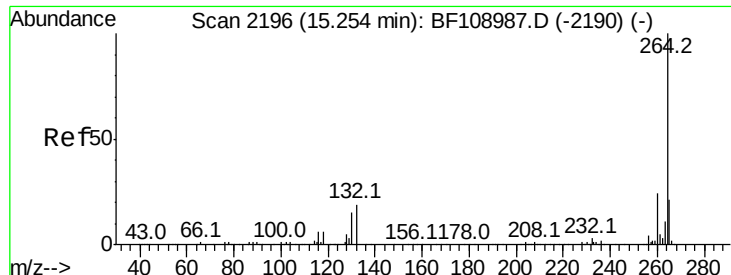
212 7.4 5.4 8.0

122 12.1 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

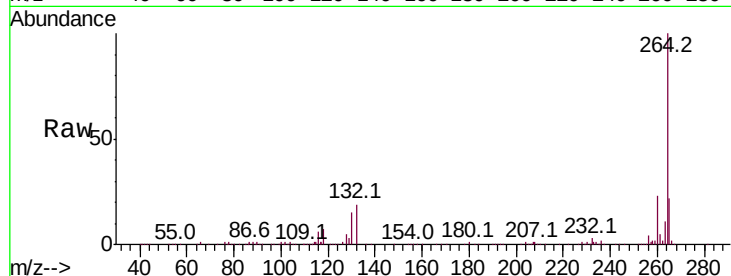




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF109023.D
Acq: 15 Sep 2018 4:35

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	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

