

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109321.D
 Acq On : 26 Sep 2018 7:22
 Operator : JU/SJ
 Sample : J5052-10
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092018-DBRI-E-U-S

Quant Time: Sep 26 08:39:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

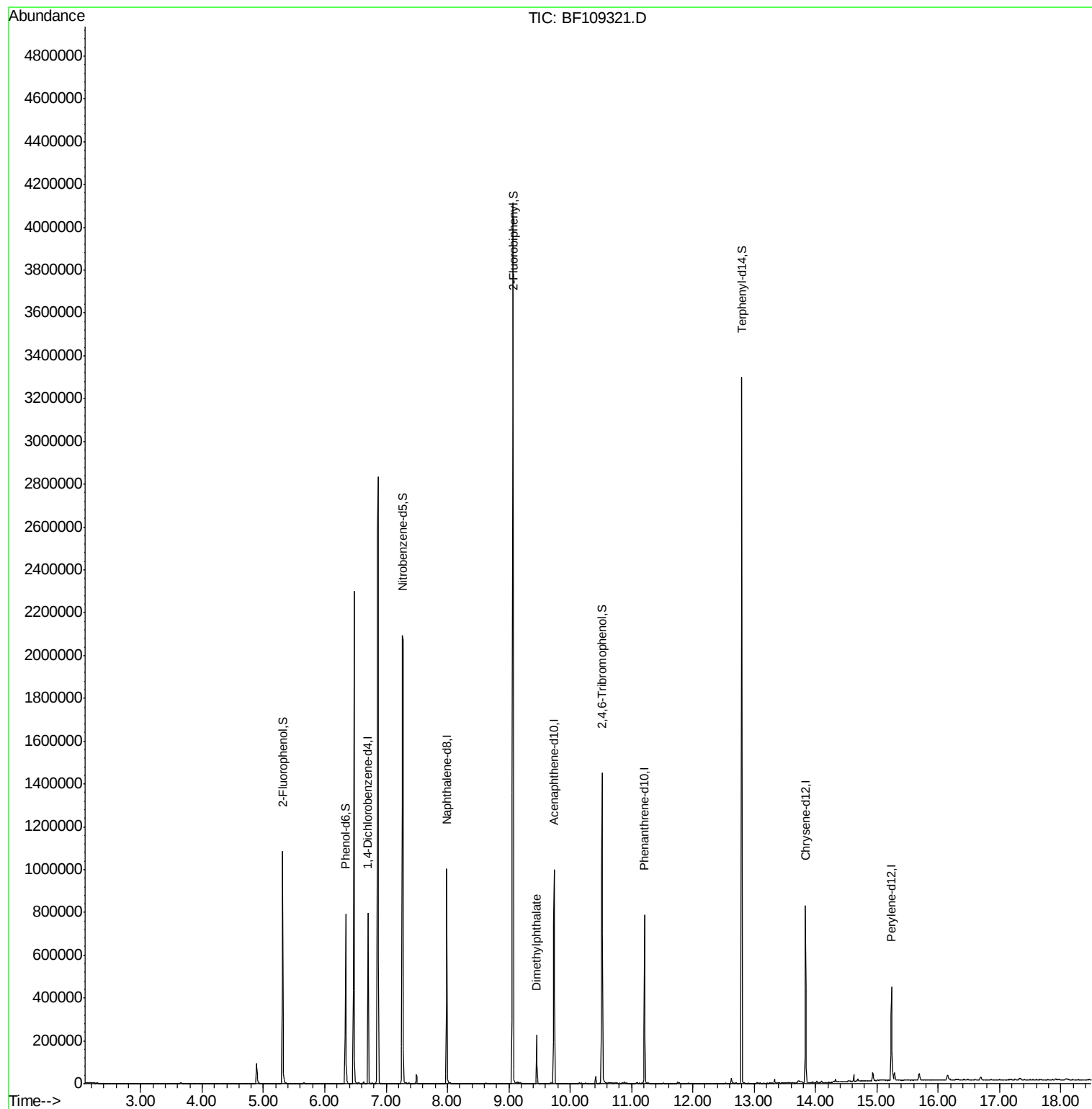
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	119214	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	436639	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	183159	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	296622	20.00	ng	0.00
75) Chrysene-d12	13.84	240	270442	20.00	ng	0.00
86) Perylene-d12	15.24	264	196962	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	320714	44.31	ng	0.00
7) Phenol-d6	6.34	99	256251	27.75	ng	-0.02
23) Nitrobenzene-d5	7.27	82	805314	108.87	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	170061	94.19	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1284024	105.73	ng	0.00
78) Terphenyl-d14	12.80	244	1142792	103.70	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	85743	6.436	ng	99

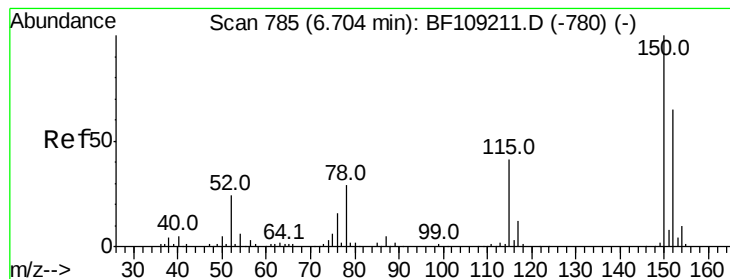
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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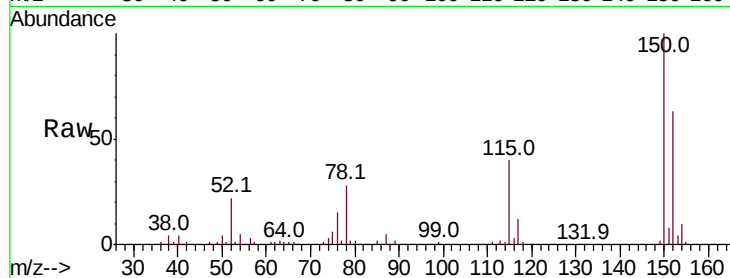


#1

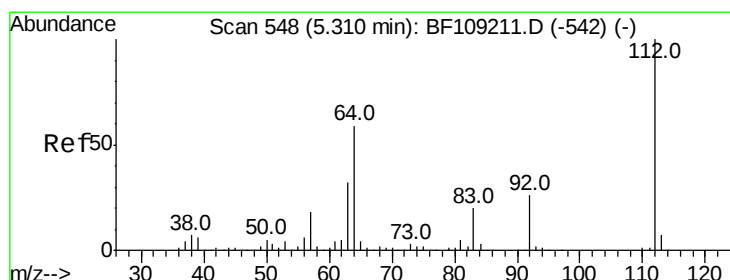
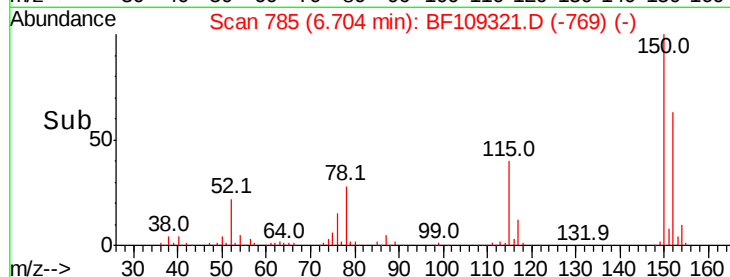
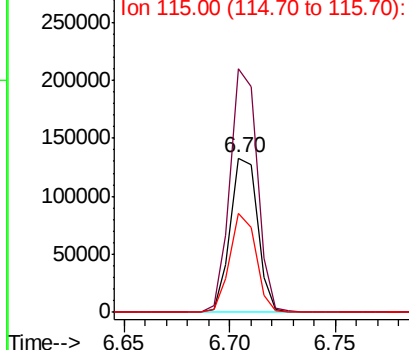
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109321.D
Acq: 26 Sep 2018 7:22

Instrument :
BNA_F
ClientSampleId :
092018-DBRI-E-U-S

Tot Ion:152 Resp: 119214
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 63.8 50.1 75.1



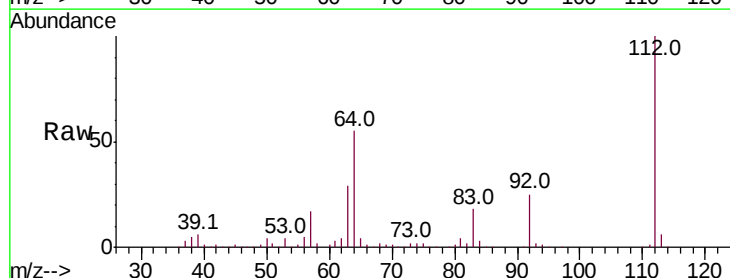
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



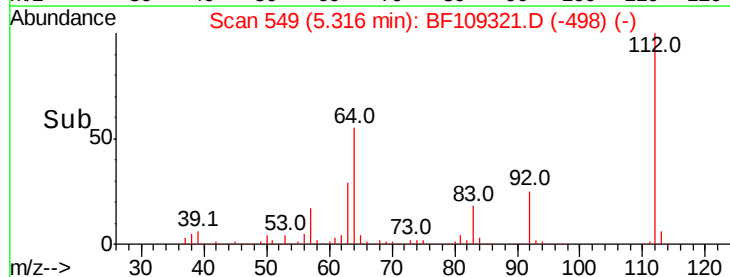
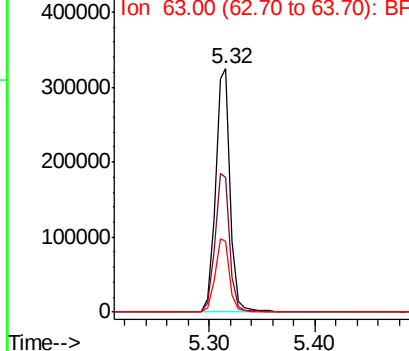
#5

2-Fluorophenol
Concen: 44.310 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109321.D
Acq: 26 Sep 2018 7:22

Tgt Ion:112 Resp: 320714
Ion Ratio Lower Upper
112 100
64 55.5 47.9 71.9
63 29.3 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: 27.745 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109321.D

Acq: 26 Sep 2018 7:22

Instrument :

BNA_F

ClientSampleId :

092018-DBRI-E-U-S

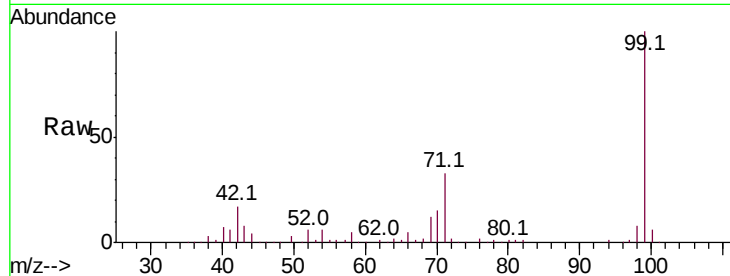
Tot Ion: 99 Resp: 256251

Ion Ratio Lower Upper

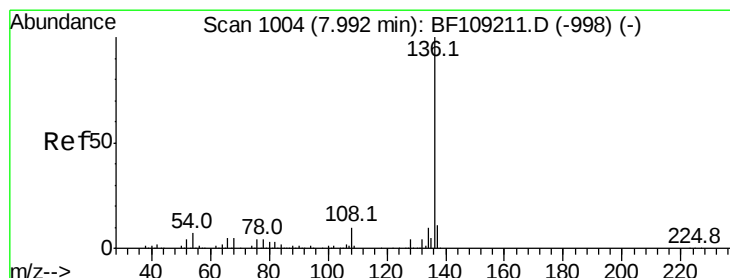
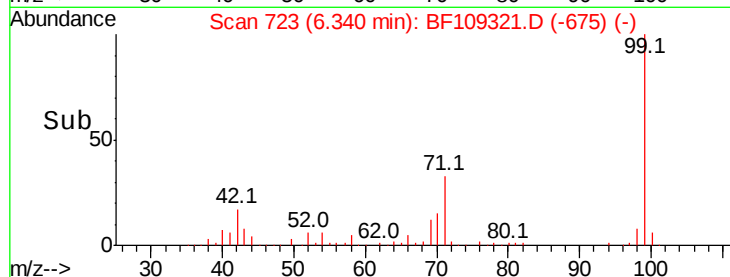
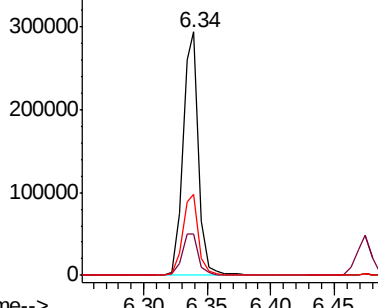
99 100

42 16.8 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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109321.D

Acq: 26 Sep 2018 7:22

Tgt Ion: 136 Resp: 436639

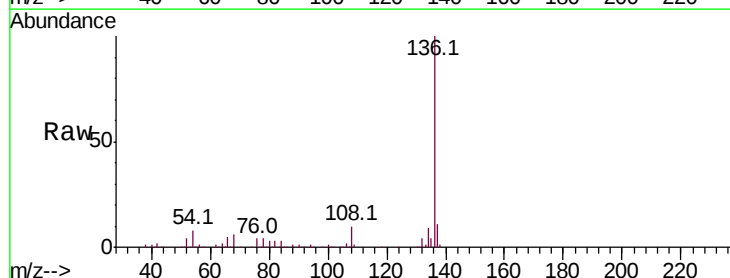
Ion Ratio Lower Upper

136 100

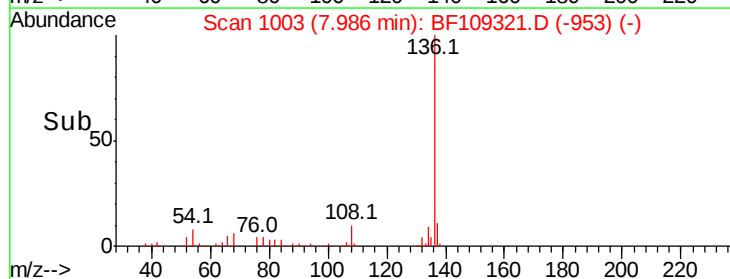
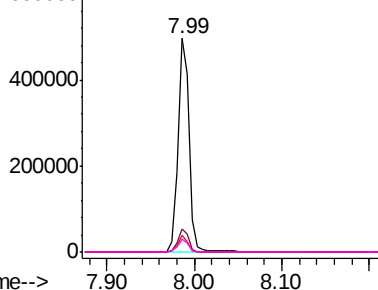
137 11.1 8.9 13.3

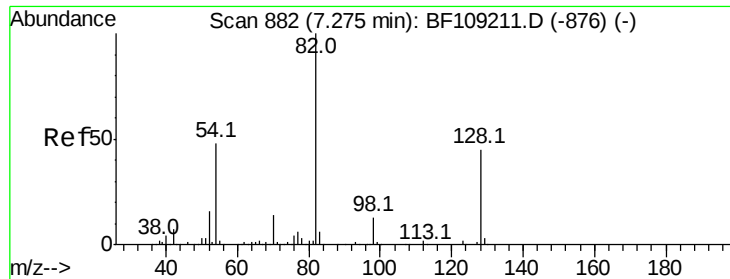
54 7.6 6.6 9.8

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

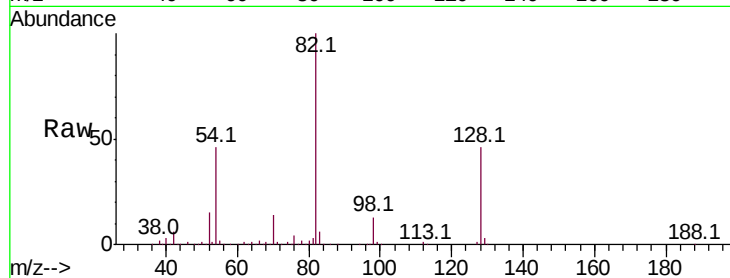




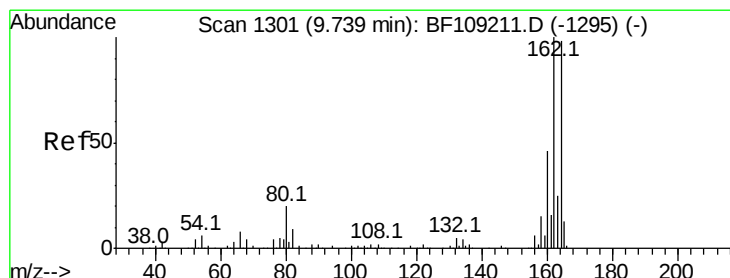
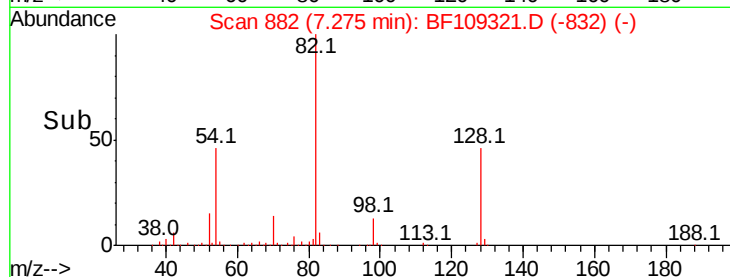
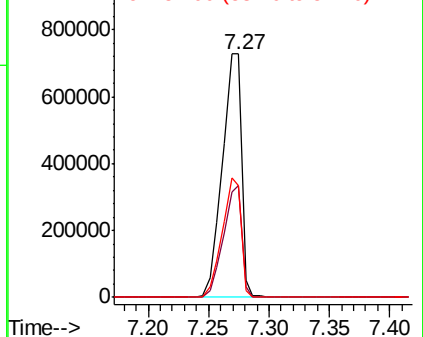
#23
Nitrobenzene-d5
Concen: 108.875 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF109321.D
Acq: 26 Sep 2018 7:22

Instrument :
BNA_F
ClientSampleId :
092018-DBRI-E-U-S

Tot Ion	82	Resp	805314
Ion Ratio	100	Lower	Upper
128	45.7	36.1	54.1
54	45.8	41.4	62.2

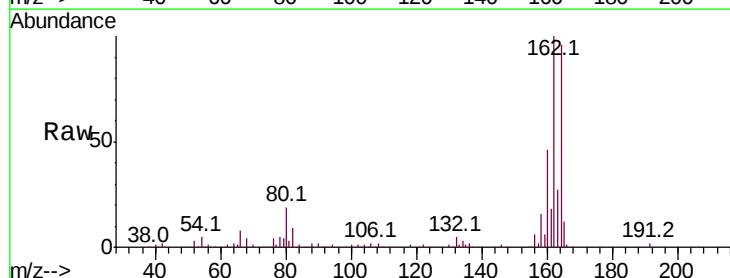


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

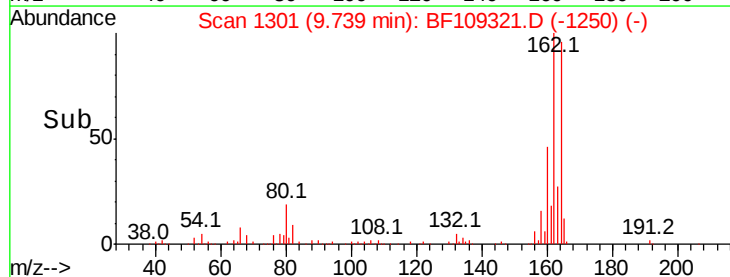
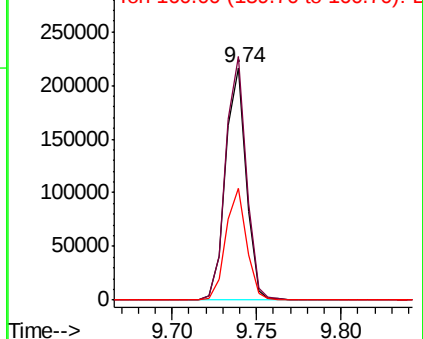


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109321.D
Acq: 26 Sep 2018 7:22

Tgt Ion	164	Resp	183159
Ion Ratio	100	Lower	Upper
162	104.6	86.1	129.1
160	47.8	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

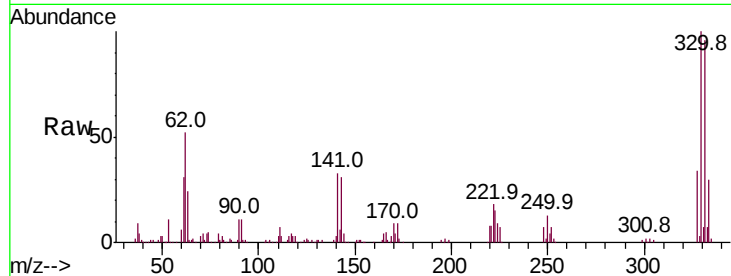




#41
 2,4,6-Tribromophenol
 Concen: 94.187 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109321.D
 Acq: 26 Sep 2018 7:22

Instrument :
 BNA_F
 ClientSampleId :
 092018-DBRI-E-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	32.9	29.9	44.9

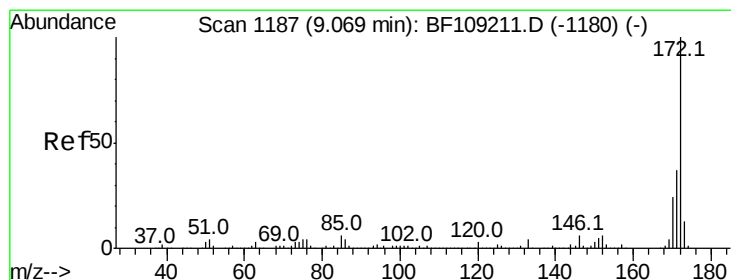
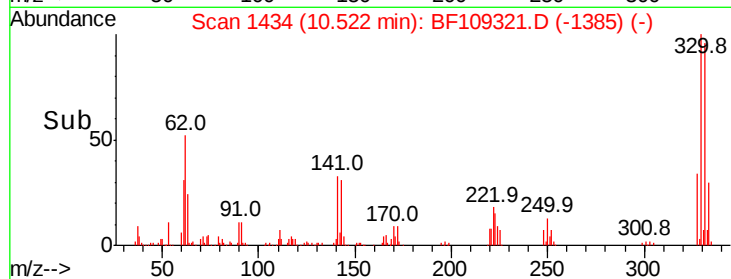
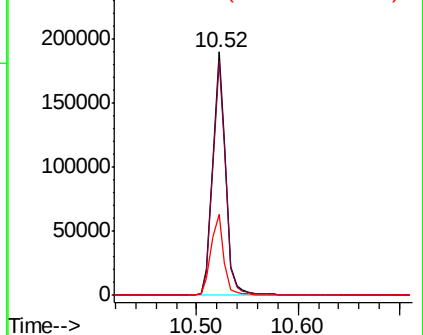


Abundance

Ion 329.80 (329.50 to 330.50): E

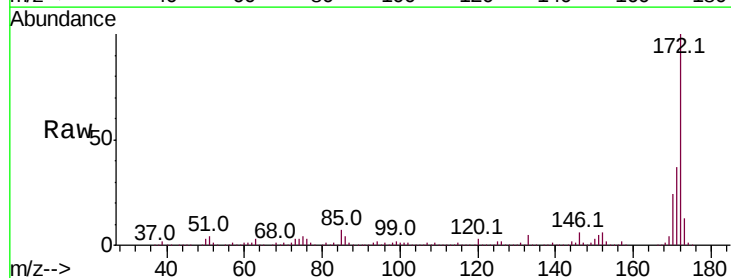
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 105.731 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109321.D
 Acq: 26 Sep 2018 7:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.2	19.6	29.4

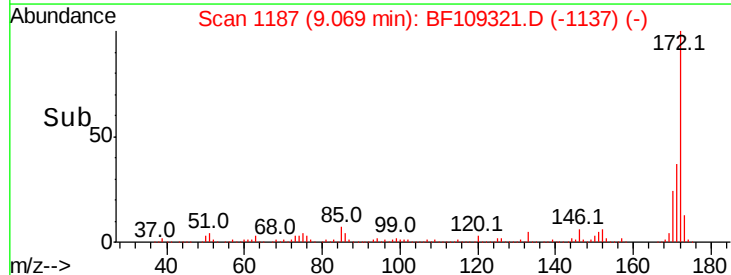
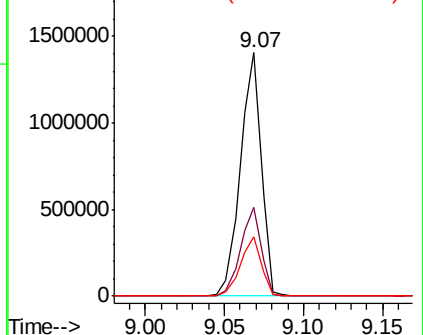


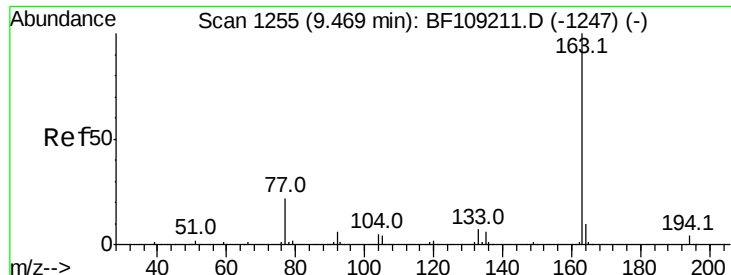
Abundance

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

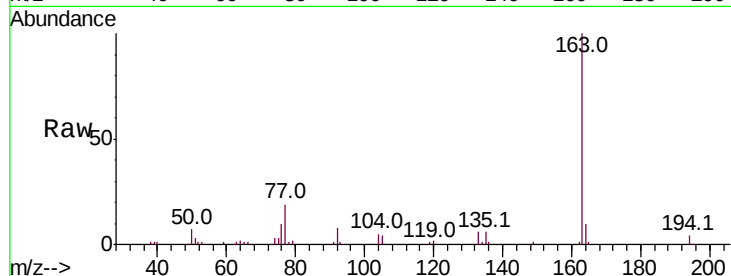




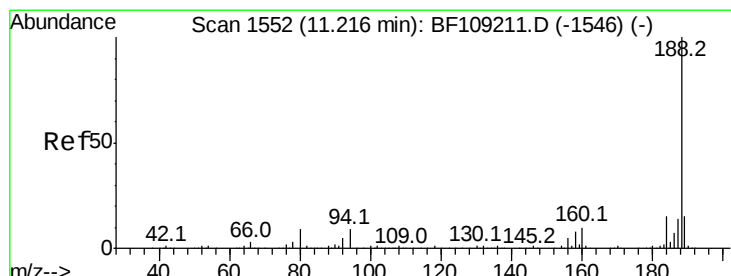
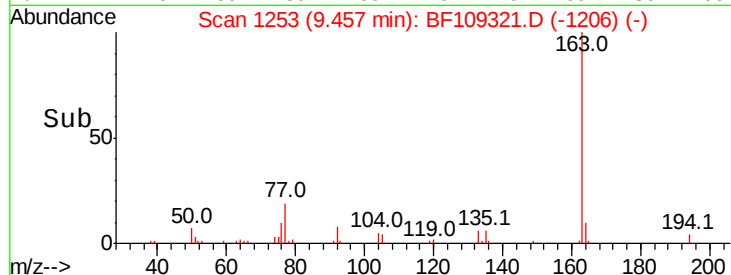
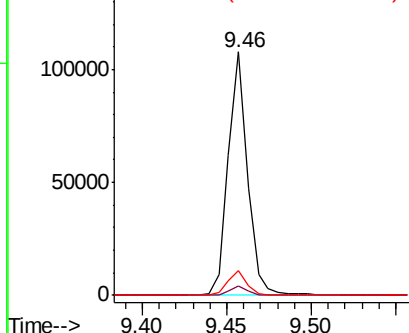
#49
 Dimethylphthalate
 Concen: 6.436 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109321.D
 Acq: 26 Sep 2018 7:22

Instrument :
 BNA_F
 ClientSampleId :
 092018-DBRI-E-U-S

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.1	8.2	12.2

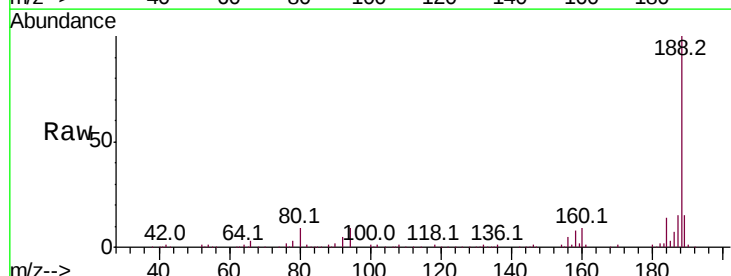


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

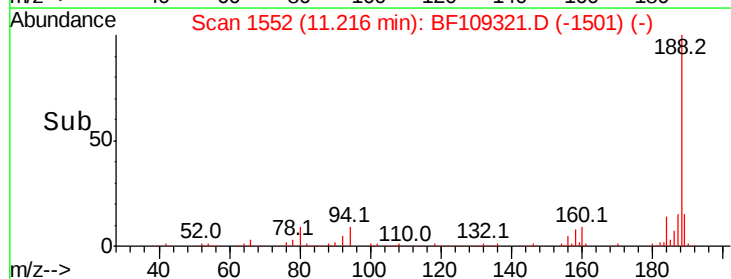
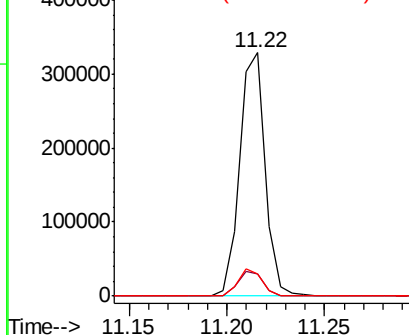


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109321.D
 Acq: 26 Sep 2018 7:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.1	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: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109321.D

Acq: 26 Sep 2018 7:22

Instrument :

BNA_F

ClientSampleId :

092018-DBRI-E-U-S

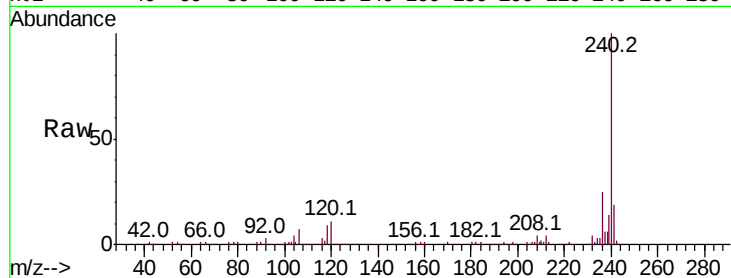
Tot Ion:240 Resp: 270442

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

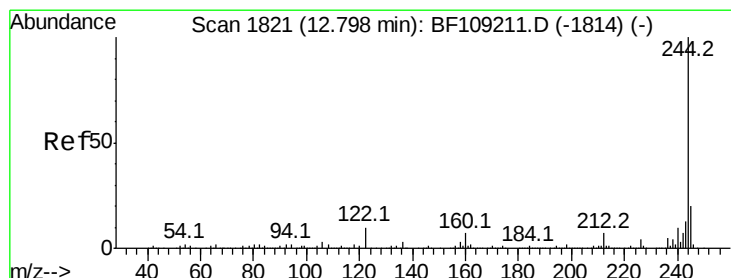
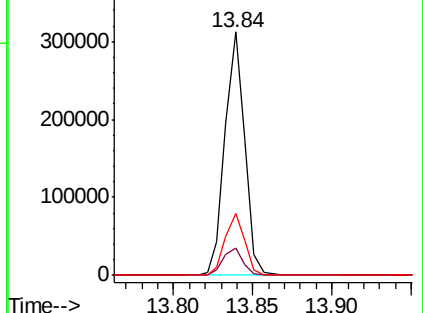
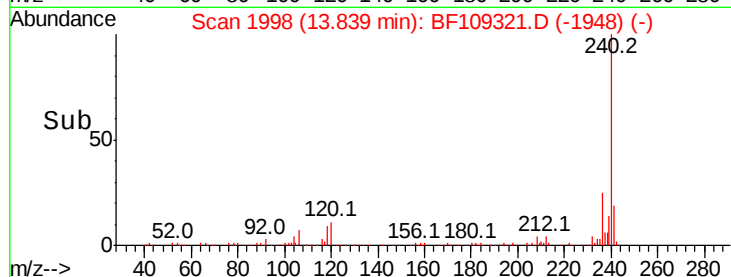
236 25.2 20.7 31.1



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: 103.704 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109321.D

Acq: 26 Sep 2018 7:22

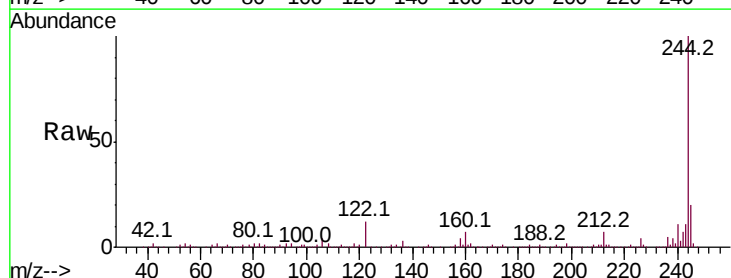
Tgt Ion:244 Resp: 1142792

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

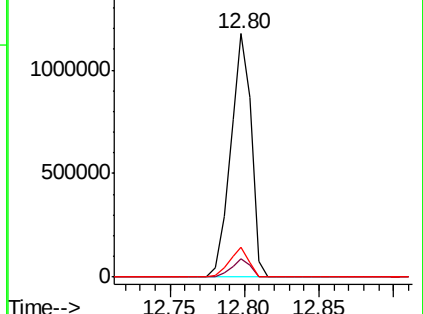
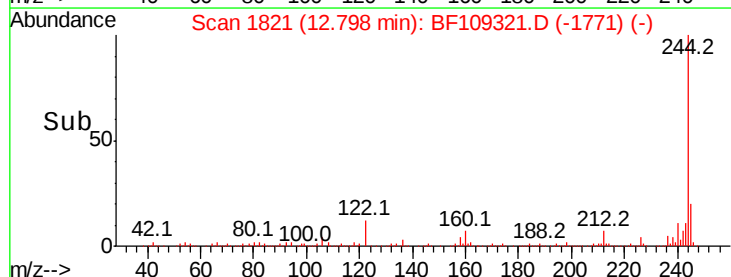
122 12.2 11.0 16.4

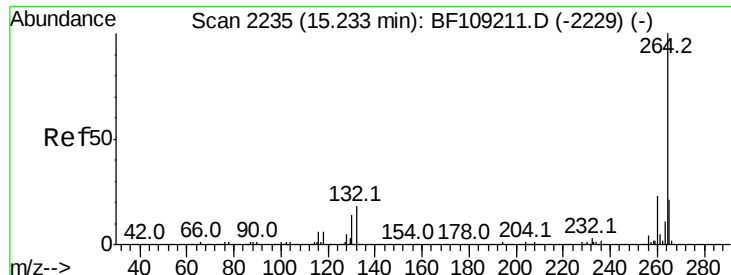


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

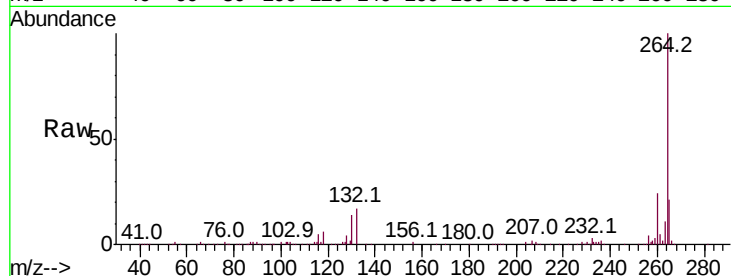




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109321.D
 Acq: 26 Sep 2018 7:22

Instrument :
 BNA_F
 ClientSampleId :
 092018-DBRI-E-U-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.2	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

