

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
 Data File : BF108922.D
 Acq On : 11 Sep 2018 4:52
 Operator : JU/SJ
 Sample : J4830-12
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 090618-DBRI-E-U-B

Quant Time: Sep 11 08:24:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

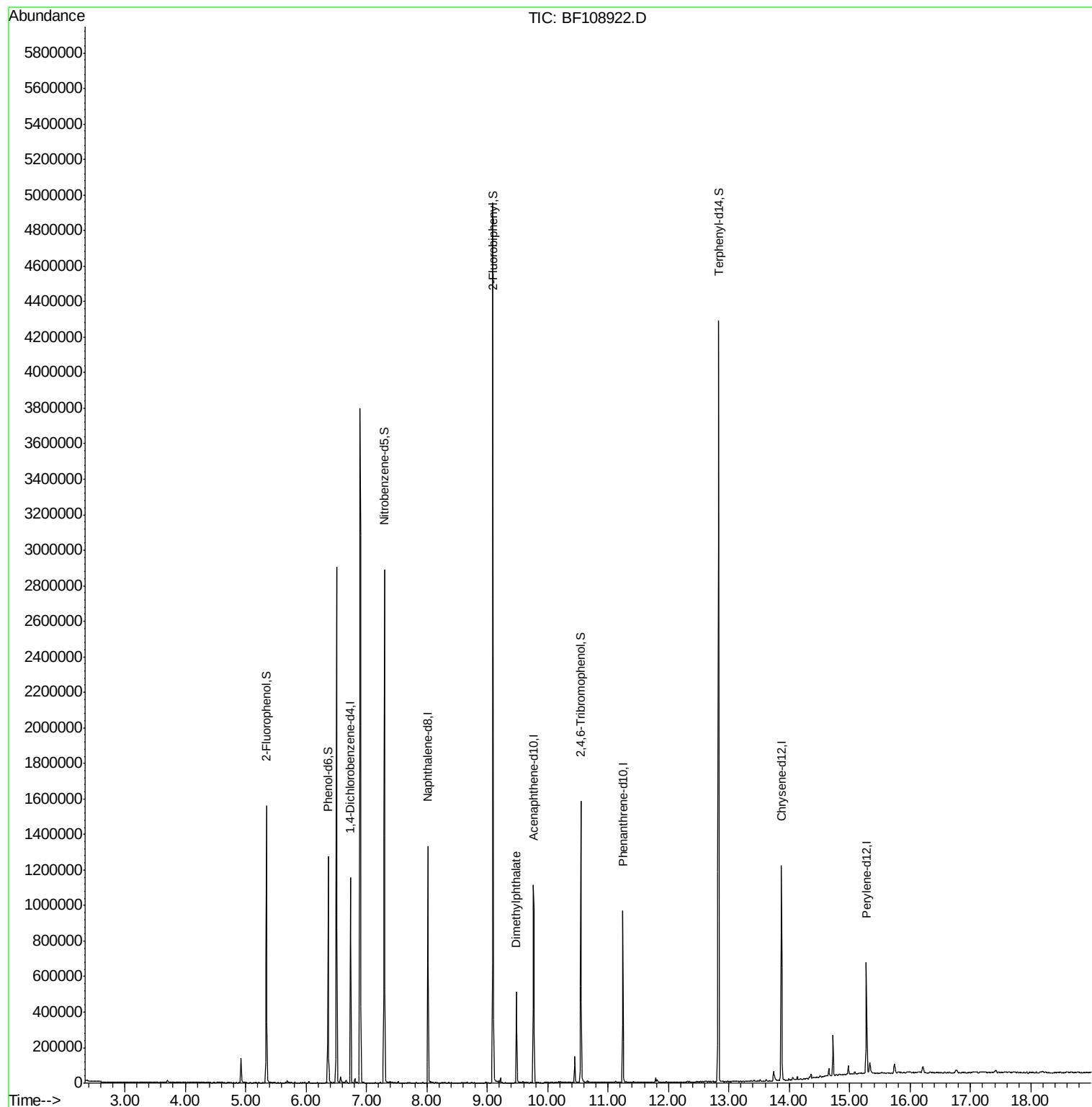
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	153533	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	534367	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	209296	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	359102	20.00	ng	0.00
75) Chrysene-d12	13.87	240	389374	20.00	ng	0.00
86) Perylene-d12	15.28	264	271245	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	447503	48.29	ng	0.00
7) Phenol-d6	6.37	99	365489	30.65	ng	0.00
23) Nitrobenzene-d5	7.30	82	978695	114.62	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	200620	100.41	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1518778	123.80	ng	0.00
78) Terphenyl-d14	12.83	244	1405416	84.17	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	183401	12.528	ng	Qvalue 99

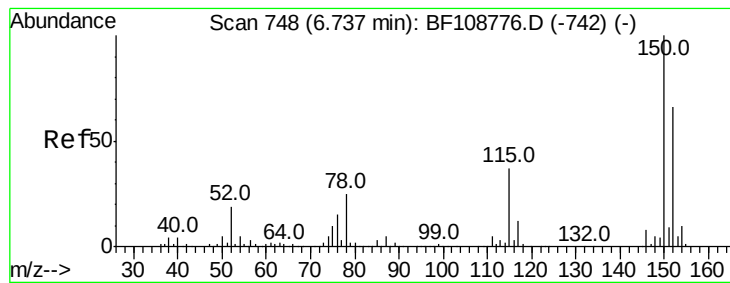
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.74 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF108922.D

Acq: 11 Sep 2018 4:52

Instrument :

BNA_F

ClientSampleId :

090618-DBRI-E-U-B

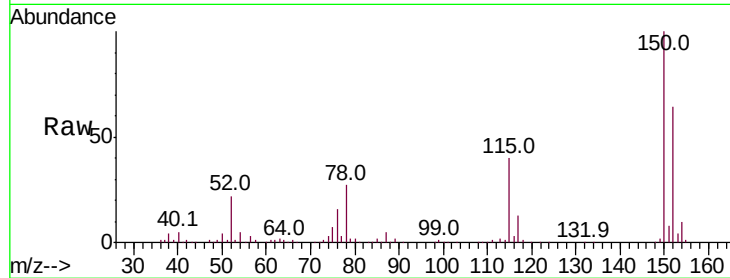
Tot Ion:152 Resp: 153533

Ion Ratio Lower Upper

152 100

150 156.7 124.6 186.8

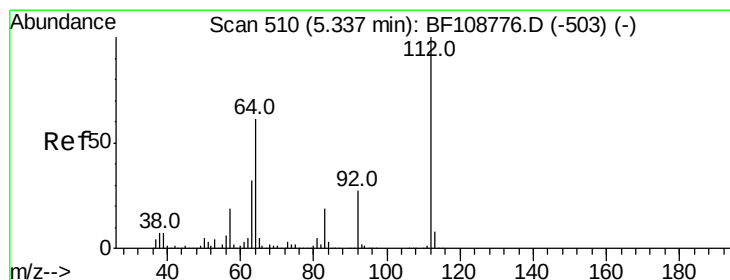
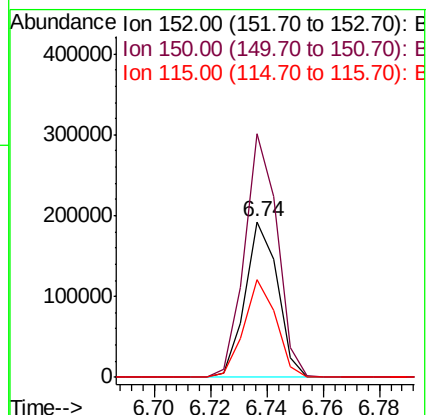
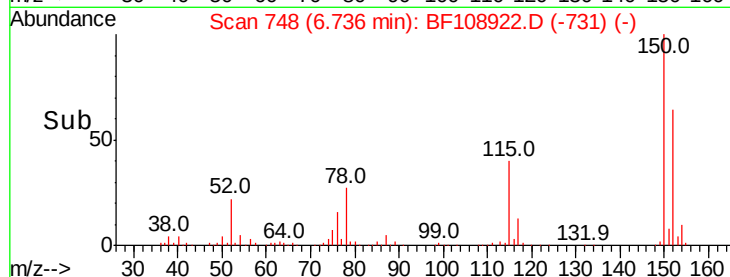
115 62.8 50.1 75.1



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: 48.287 ng

RT: 5.34 min Scan# 511

Delta R.T. 0.01 min

Lab File: BF108922.D

Acq: 11 Sep 2018 4:52

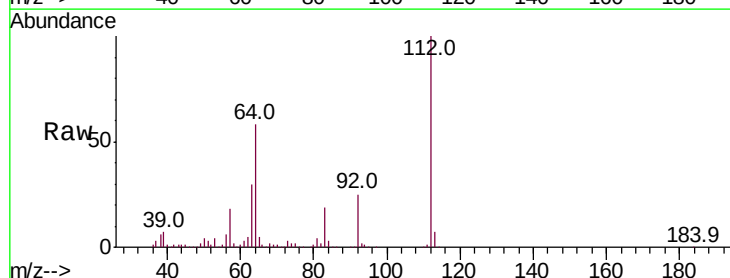
Tgt Ion:112 Resp: 447503

Ion Ratio Lower Upper

112 100

64 58.3 47.9 71.9

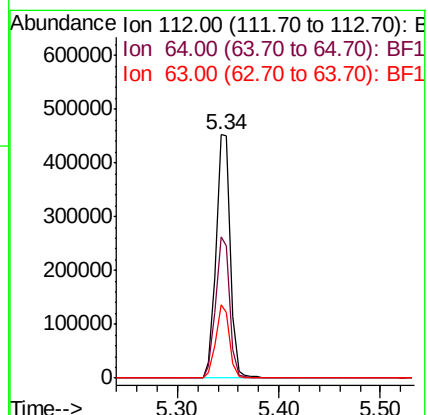
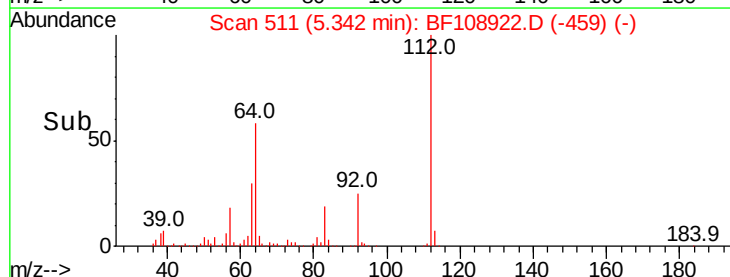
63 30.4 23.7 35.5

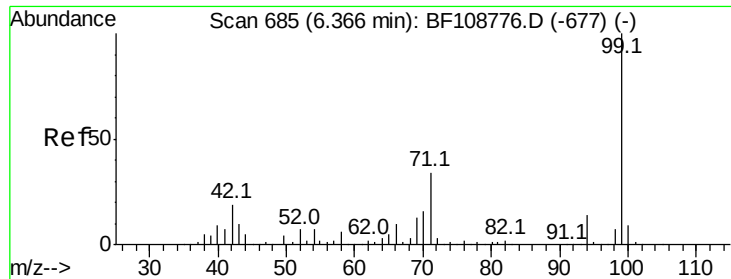


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 30.651 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108922.D

Acq: 11 Sep 2018 4:52

Instrument :

BNA_F

ClientSampleId :

090618-DBRI-E-U-B

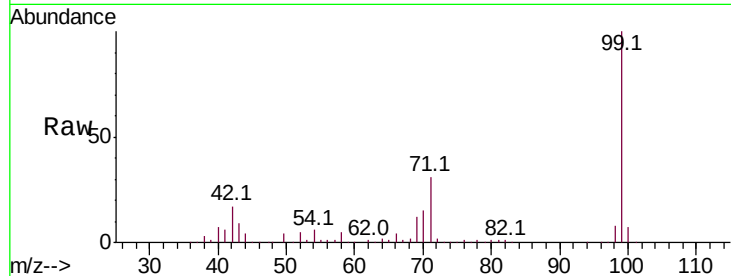
Tot Ion: 99 Resp: 365489

Ion Ratio Lower Upper

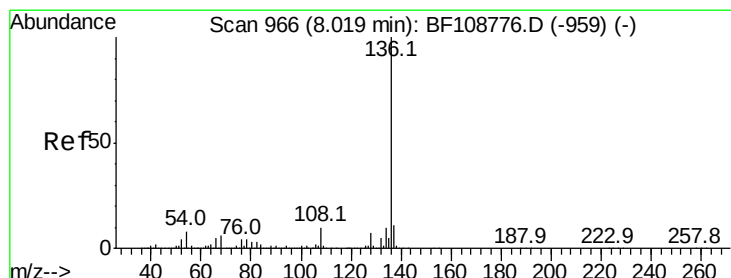
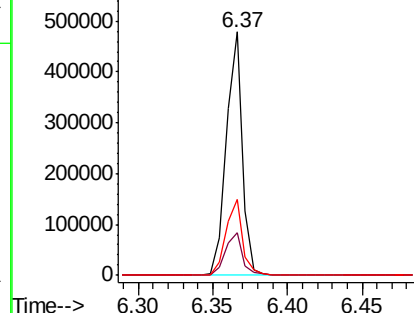
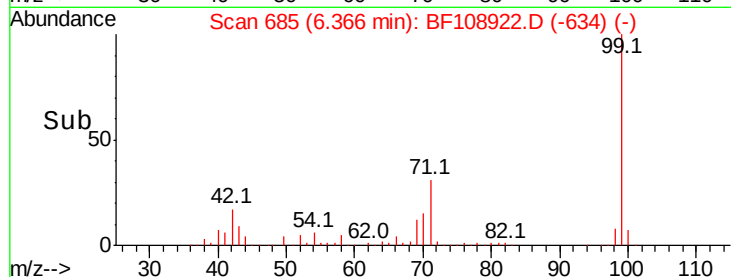
99 100

42 17.3 14.5 21.7

71 31.5 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: 8.02 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF108922.D

Acq: 11 Sep 2018 4:52

Tgt Ion: 136 Resp: 534367

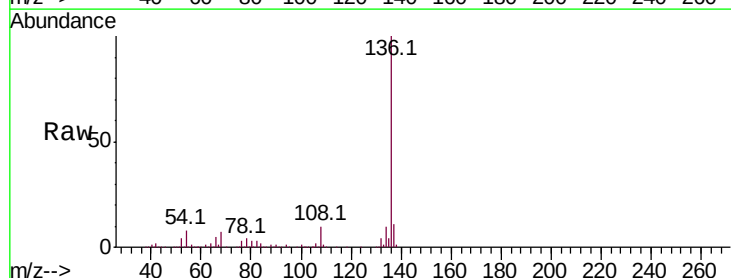
Ion Ratio Lower Upper

136 100

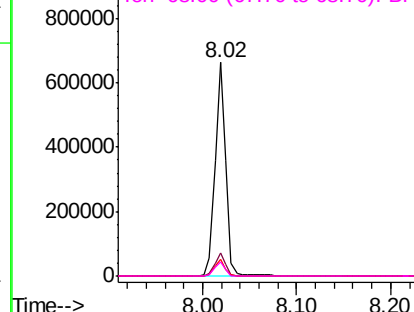
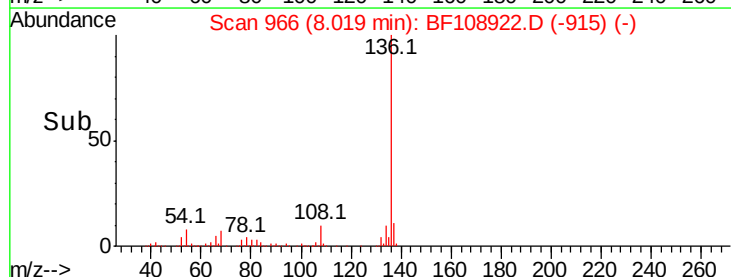
137 11.0 8.9 13.3

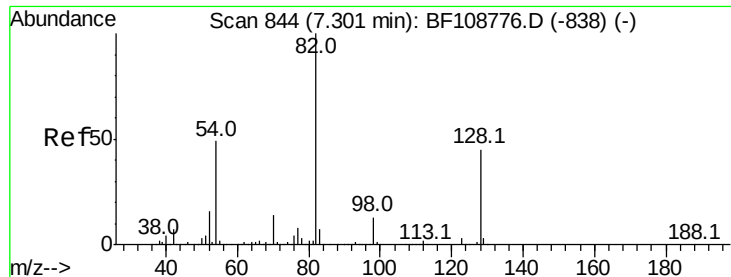
54 7.7 6.6 9.8

68 6.7 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

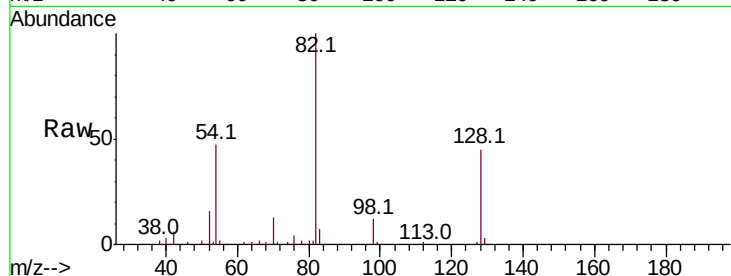




#23
Nitrobenzene-d5
Concen: 114.617 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF108922.D
Acq: 11 Sep 2018 4:52

Instrument :
BNA_F
ClientSampleId :
090618-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	47.3	41.4	62.2

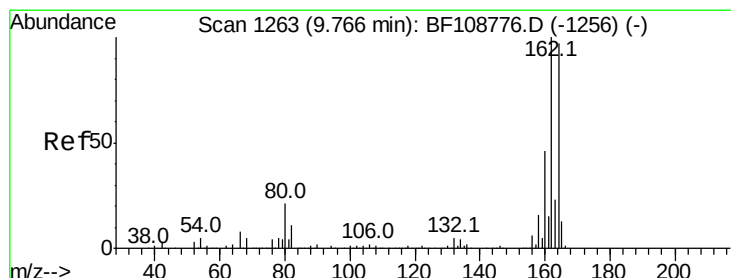
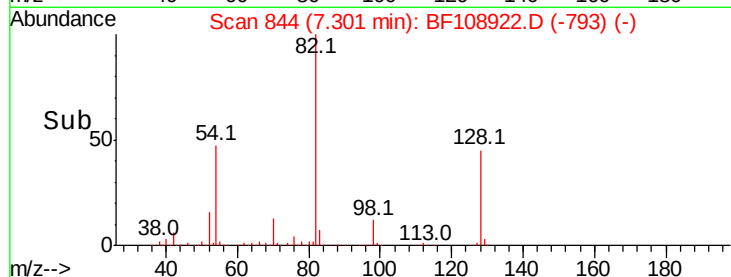
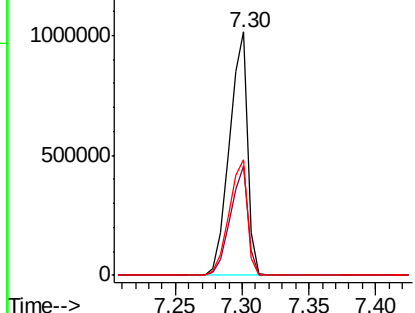


Abundance

Ion 82.00 (81.70 to 82.70): BF1

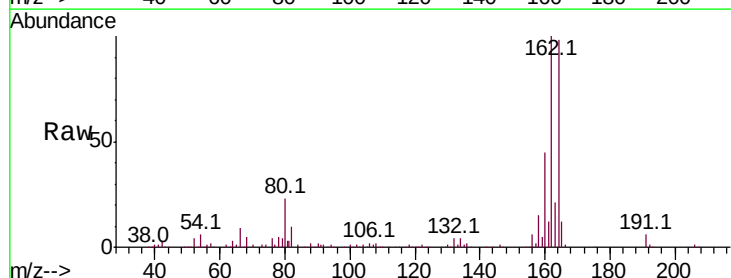
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108922.D
Acq: 11 Sep 2018 4:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	46.1	38.3	57.5

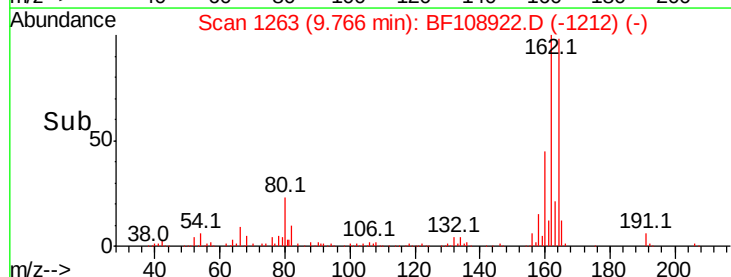
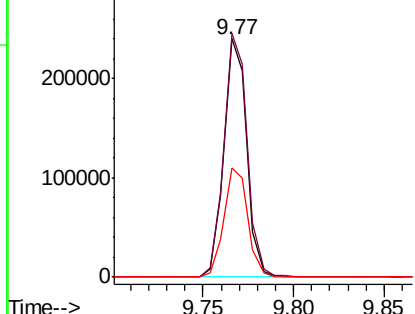


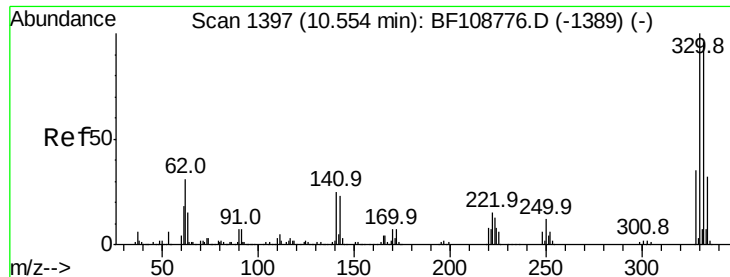
Abundance

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

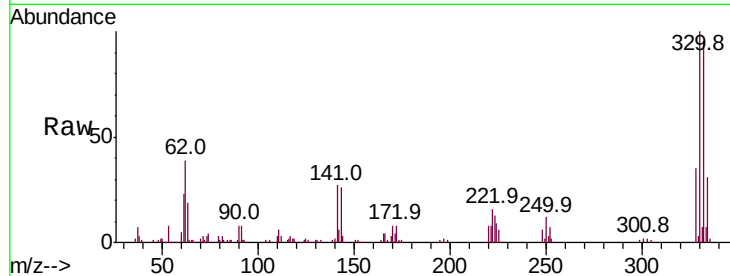




#41
 2,4,6-Tribromophenol
 Concen: 100.408 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108922.D
 Acq: 11 Sep 2018 4:52

Instrument :
 BNA_F
 ClientSampleId :
 090618-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	32.3	29.9	44.9

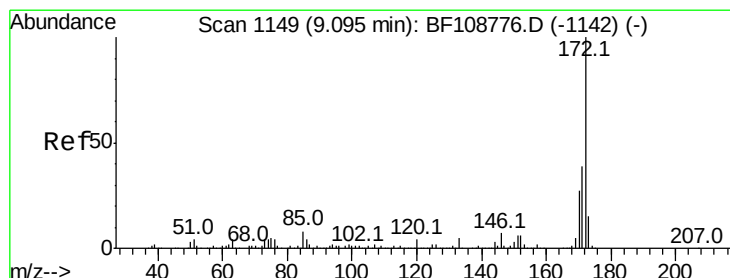
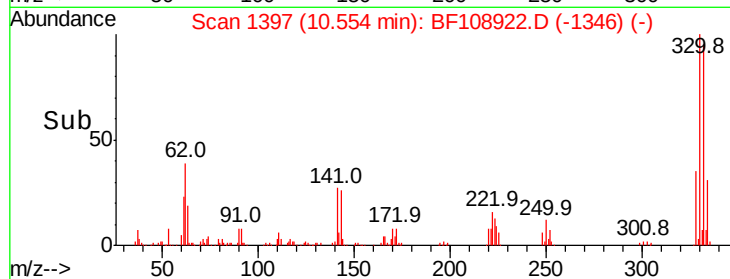
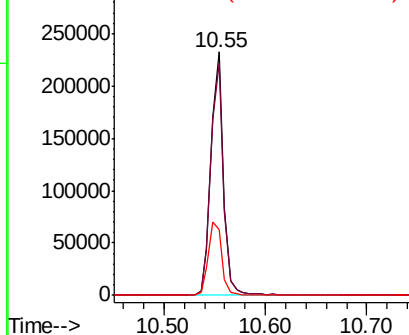


Abundance

Ion 329.80 (329.50 to 330.50): E

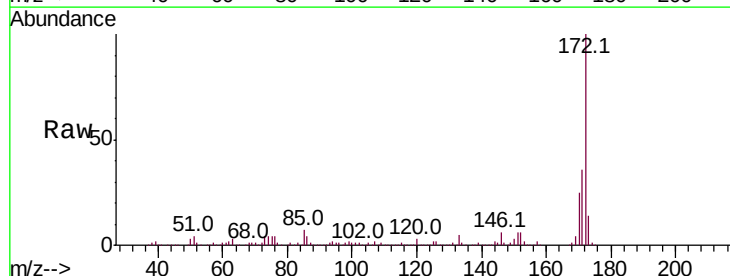
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 123.797 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108922.D
 Acq: 11 Sep 2018 4:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	25.2	19.6	29.4

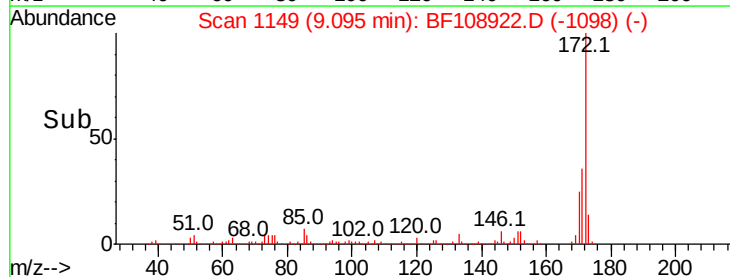
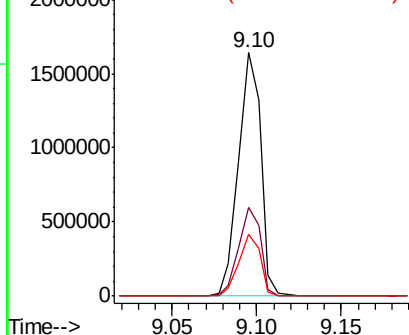


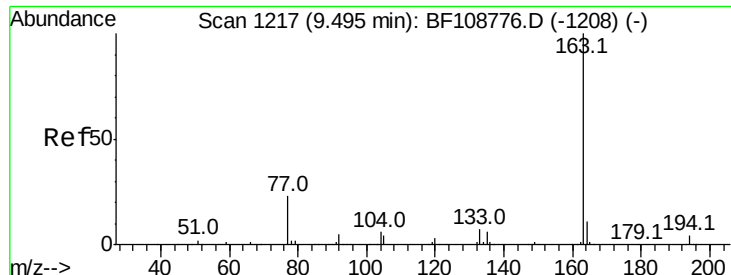
Abundance

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

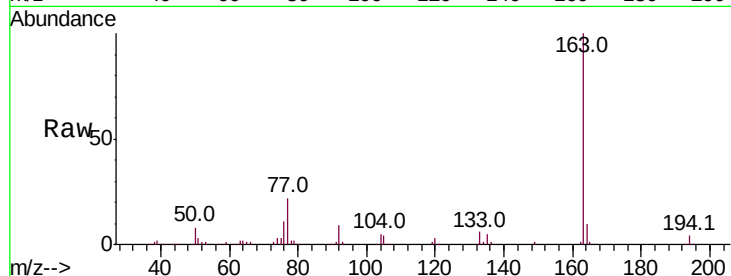




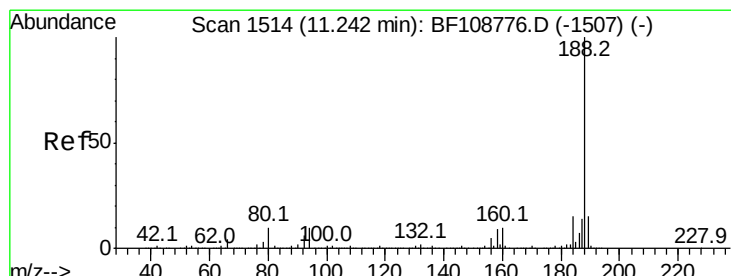
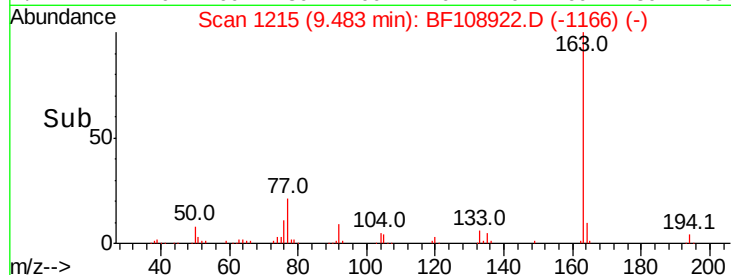
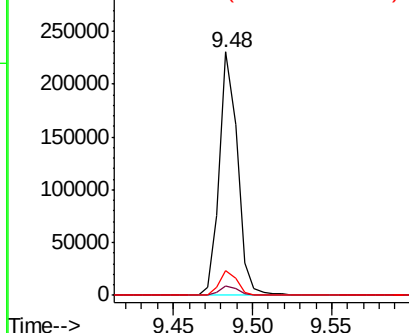
#49
Dimethylphthalate
Concen: 12.528 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108922.D
Acq: 11 Sep 2018 4:52

Instrument :
BNA_F
ClientSampleId :
090618-DBRI-E-U-B

Tot Ion:163 Resp: 183401
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.0 8.2 12.2

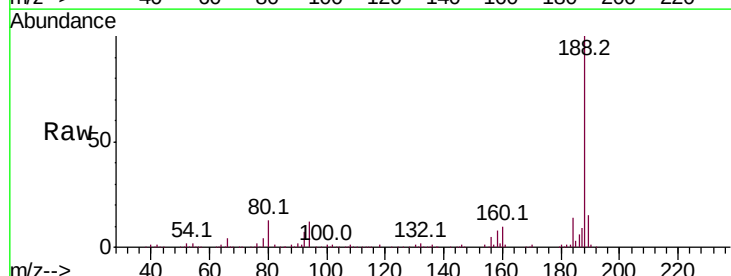


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

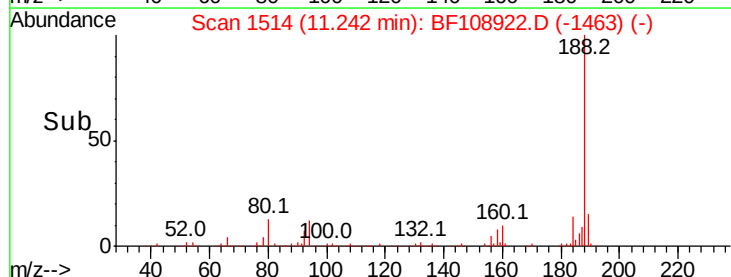
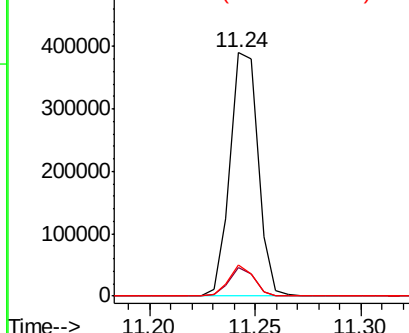


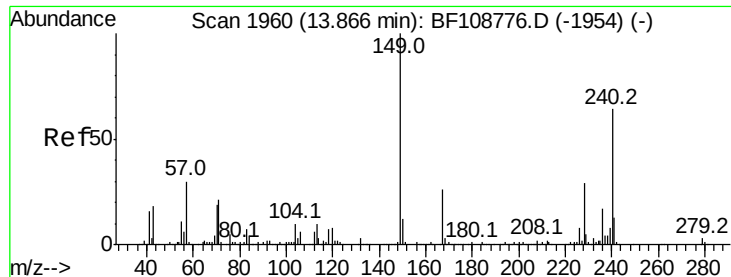
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108922.D
Acq: 11 Sep 2018 4:52

Tgt Ion:188 Resp: 359102
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.8 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: 13.87 min Scan# 1961

Delta R.T. 0.01 min

Lab File: BF108922.D

Acq: 11 Sep 2018 4:52

Instrument :

BNA_F

ClientSampleId :

090618-DBRI-E-U-B

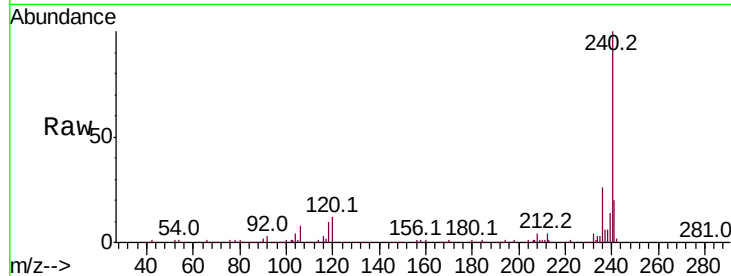
Tot Ion:240 Resp: 389374

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

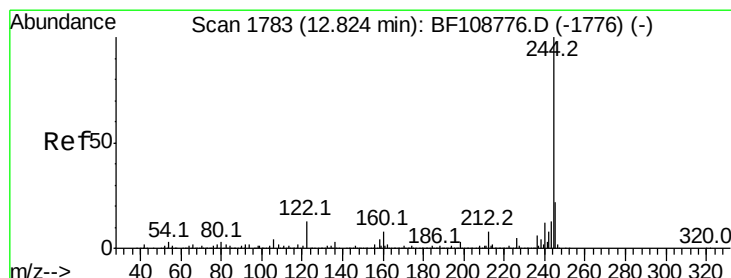
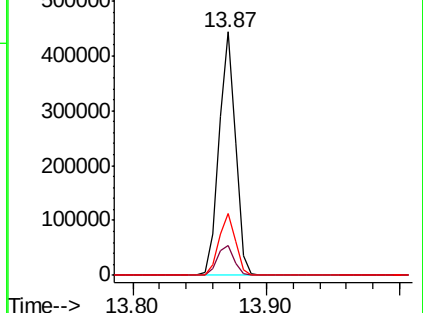
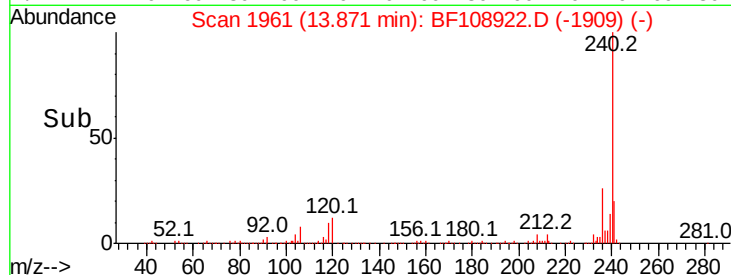
236 25.6 20.7 31.1



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: 84.168 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108922.D

Acq: 11 Sep 2018 4:52

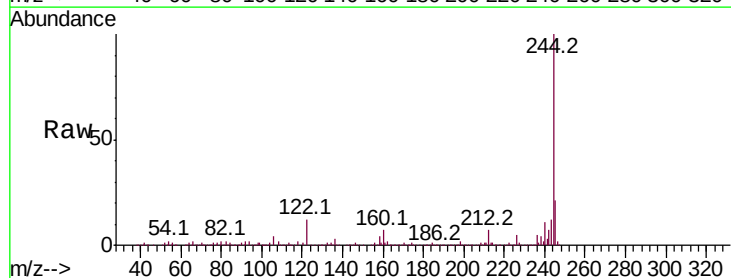
Tgt Ion:244 Resp: 1405416

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

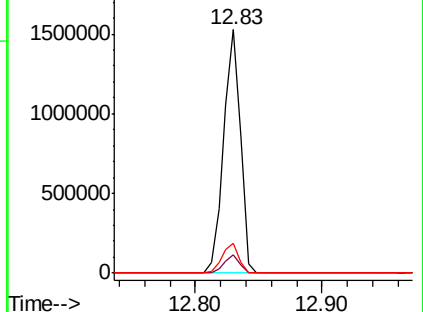
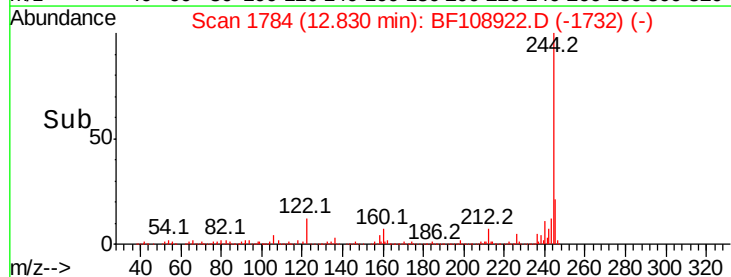
122 12.4 11.0 16.4

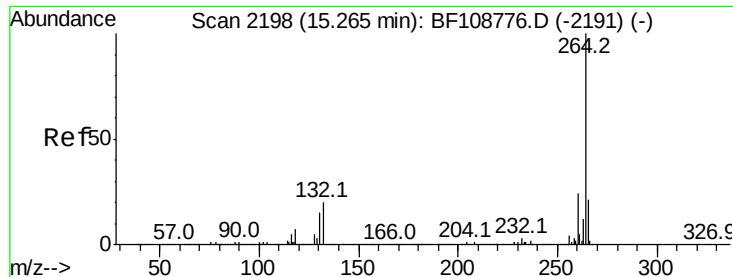


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.28 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF108922.D
Acq: 11 Sep 2018 4:52

Instrument :
BNA_F
ClientSampleId :
090618-DBRI-E-U-B

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

