

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
 Data File : BF108978.D
 Acq On : 13 Sep 2018 21:31
 Operator : JU/SJ
 Sample : J4875-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091118-DBRI-F-D-M

Quant Time: Sep 14 02:34:13 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

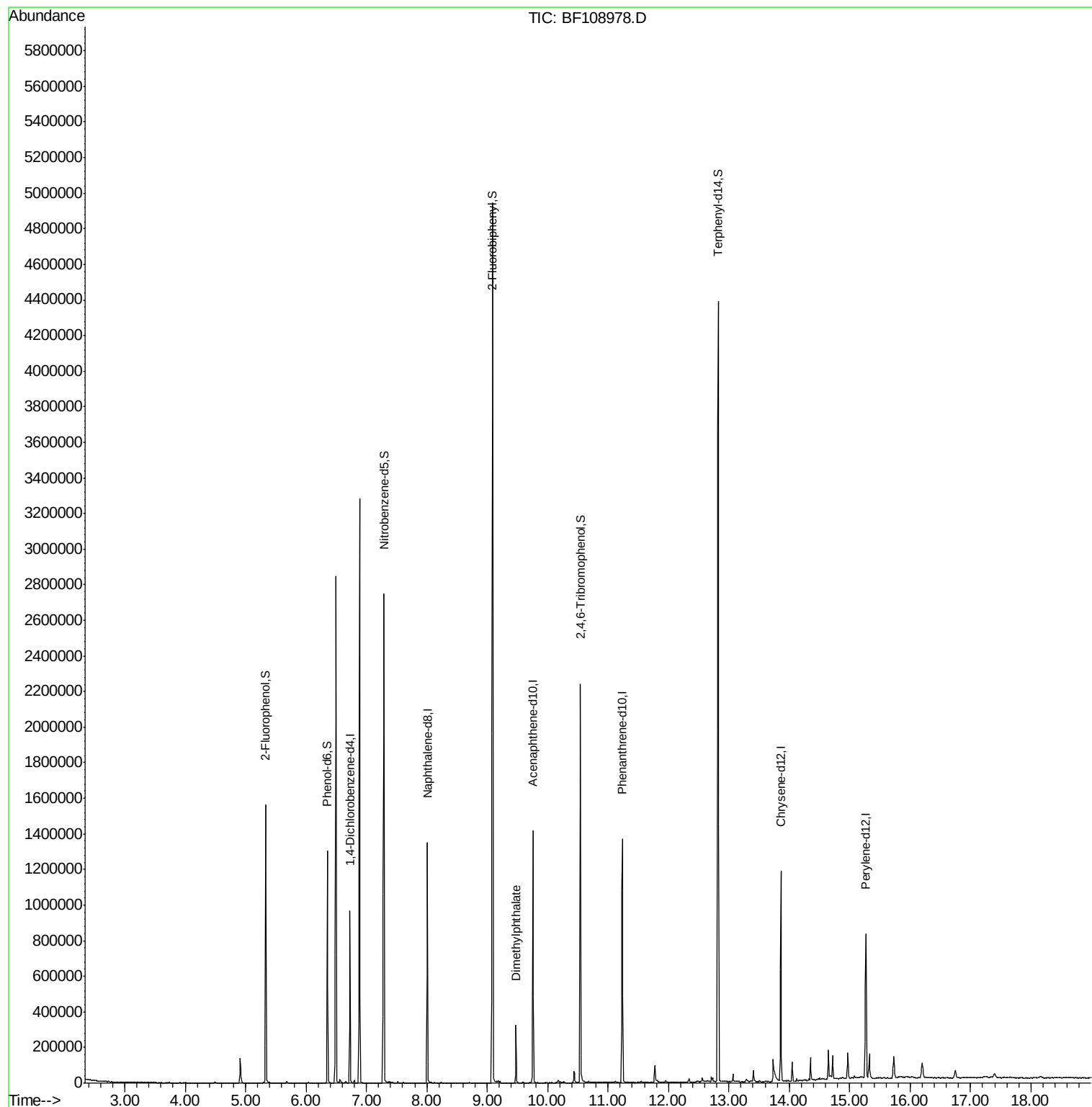
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	144986	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	547016	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	258296	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	478326	20.00	ng	0.00
75) Chrysene-d12	13.86	240	370585	20.00	ng	0.00
86) Perylene-d12	15.27	264	390044	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	437349	49.97	ng	0.00
7) Phenol-d6	6.35	99	373220	33.14	ng	-0.01
23) Nitrobenzene-d5	7.29	82	951165	108.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	270221	109.59	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1565721	103.41	ng	0.00
78) Terphenyl-d14	12.82	244	1557088	97.98	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	119895	6.636	ng	Qvalue 98

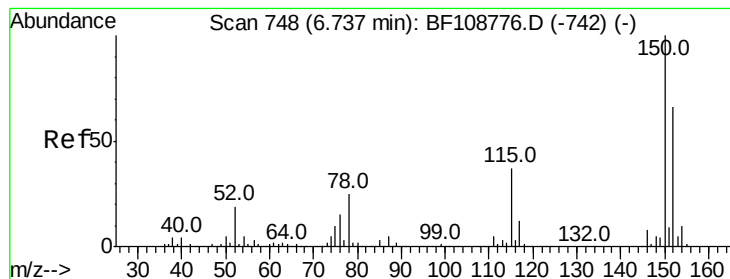
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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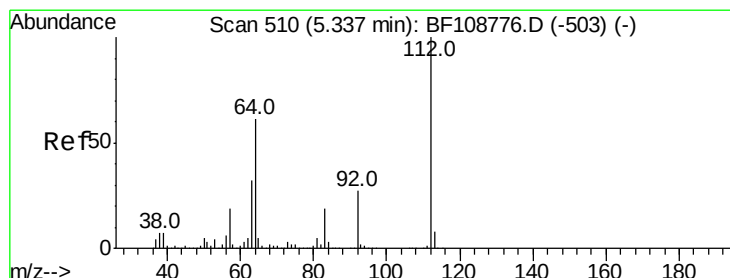
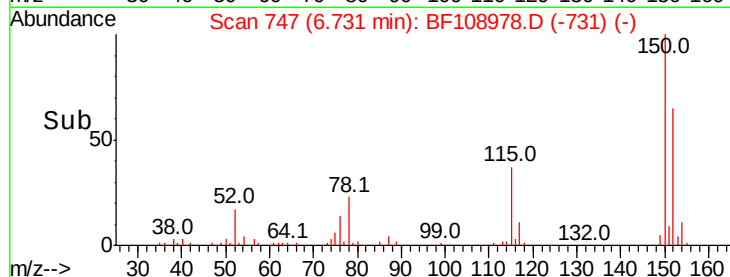
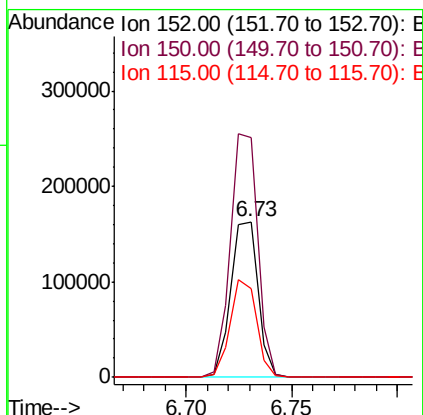
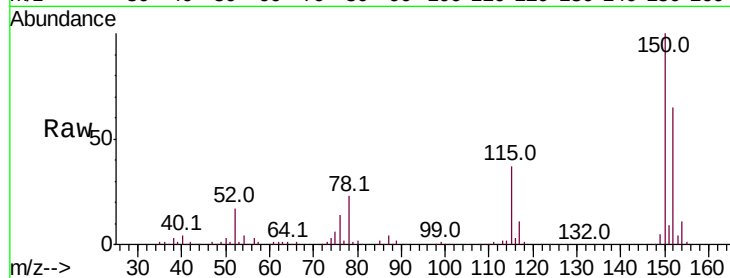


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108978.D
Acq: 13 Sep 2018 21:31

Instrument :
BNA_F
ClientSampleId :
091118-DBRI-F-D-M

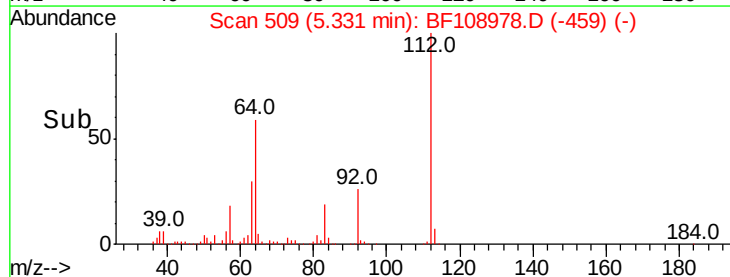
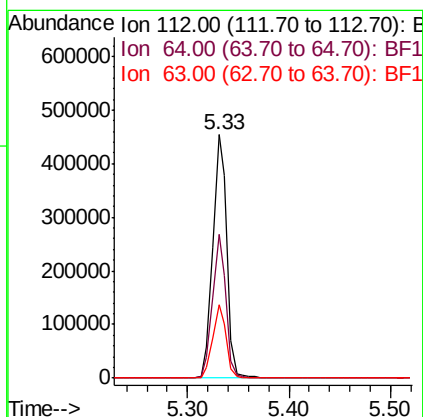
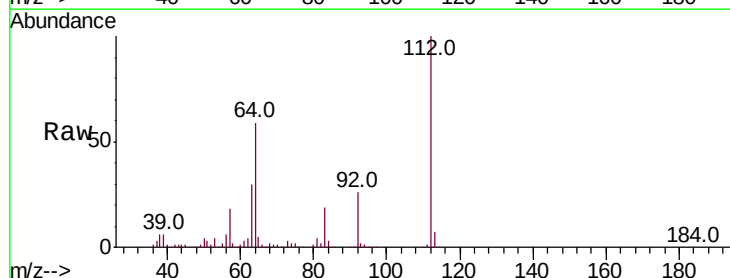
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	56.9	50.1	75.1

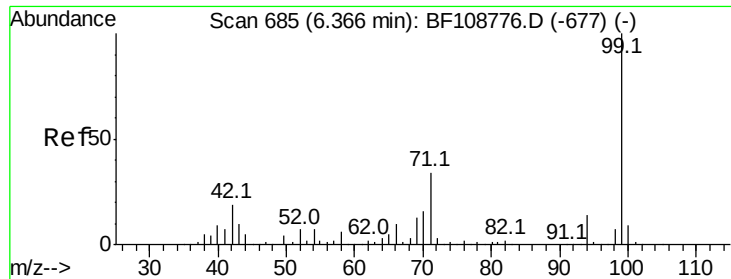


#5

2-Fluorophenol
Concen: 49.973 ng
RT: 5.33 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF108978.D
Acq: 13 Sep 2018 21:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.9	71.9
63	30.1	23.7	35.5





#7

Phenol-d6

Concen: 33.145 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF108978.D

Acq: 13 Sep 2018 21:31

Instrument :

BNA_F

ClientSampleId :

091118-DBRI-F-D-M

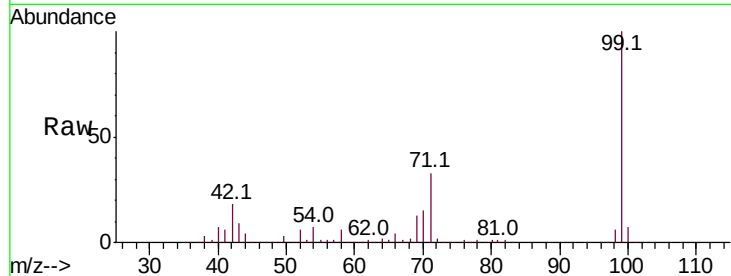
Tot Ion: 99 Resp: 373220

Ion Ratio Lower Upper

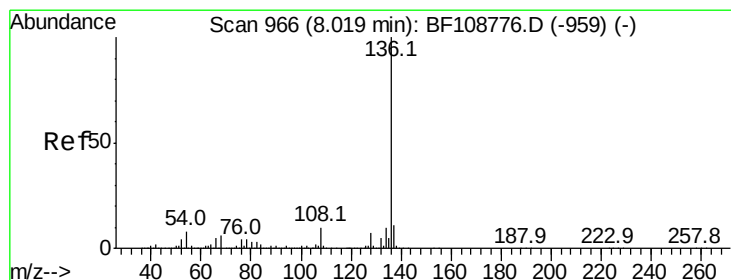
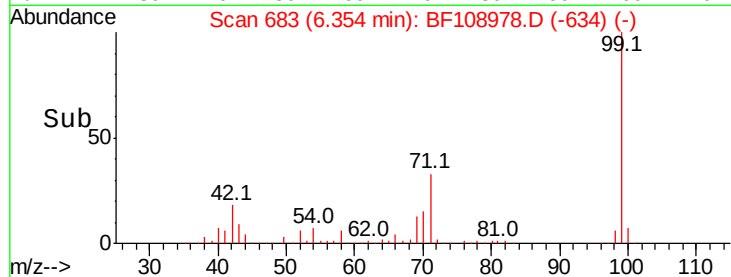
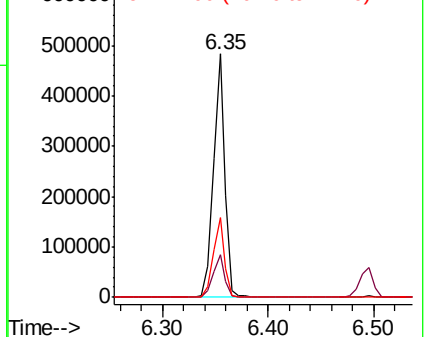
99 100

42 17.5 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: 8.01 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF108978.D

Acq: 13 Sep 2018 21:31

Tgt Ion: 136 Resp: 547016

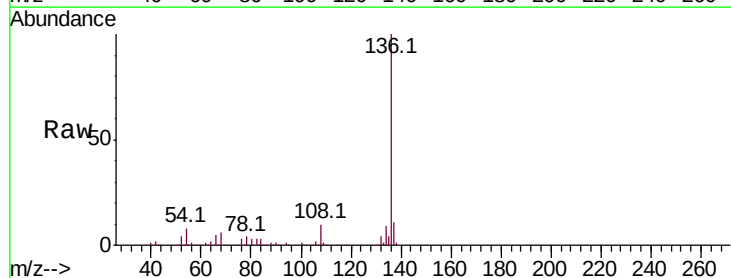
Ion Ratio Lower Upper

136 100

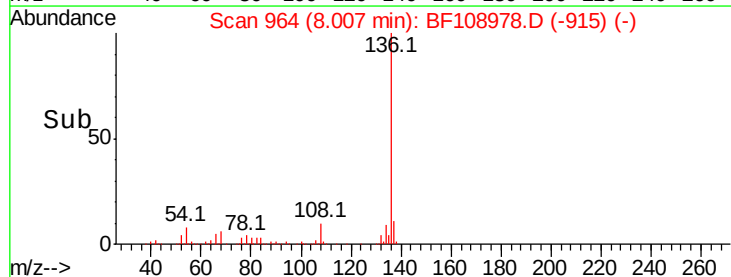
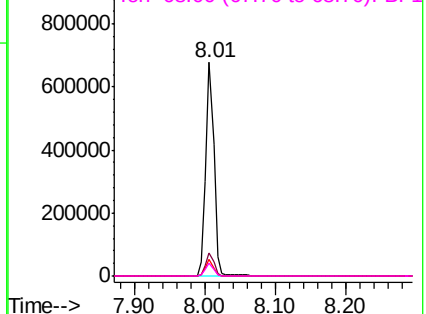
137 10.9 8.9 13.3

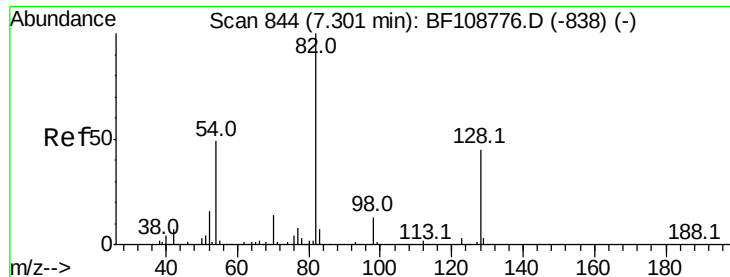
54 7.5 6.6 9.8

68 6.3 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

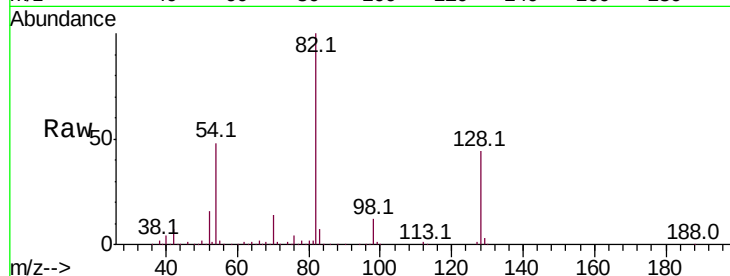




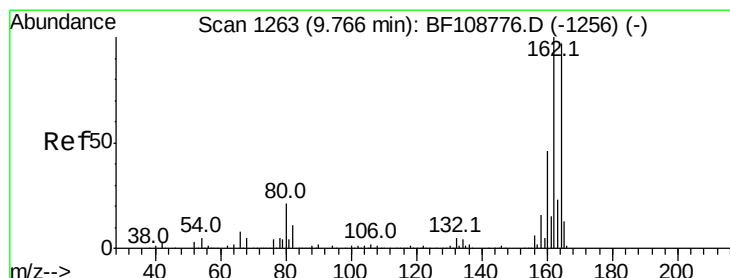
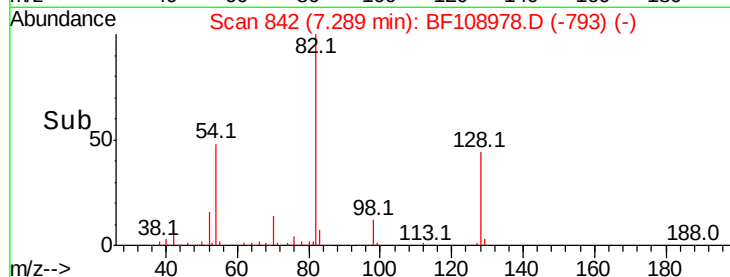
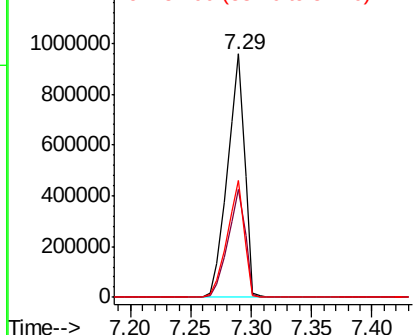
#23
Nitrobenzene-d5
Concen: 108.817 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108978.D
Acq: 13 Sep 2018 21:31

Instrument :
BNA_F
ClientSampleId :
091118-DBRI-F-D-M

Tot Ion: 82 Resp: 951165
Ion Ratio Lower Upper
82 100
128 44.5 36.1 54.1
54 48.2 41.4 62.2

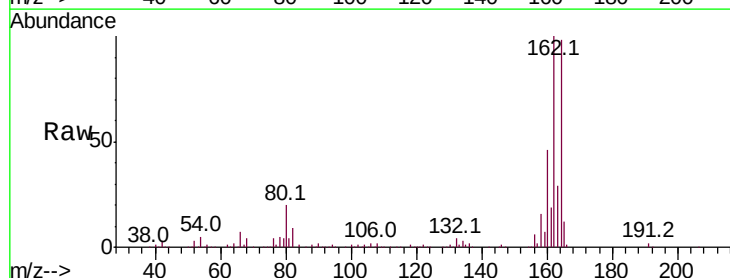


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

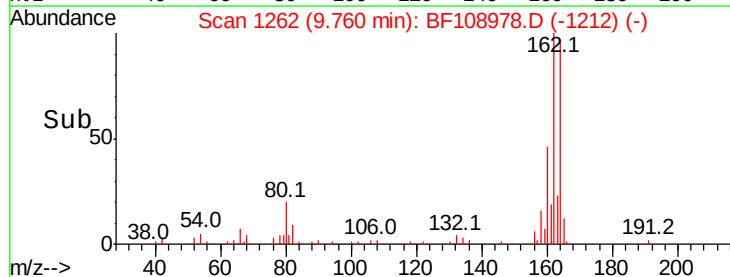
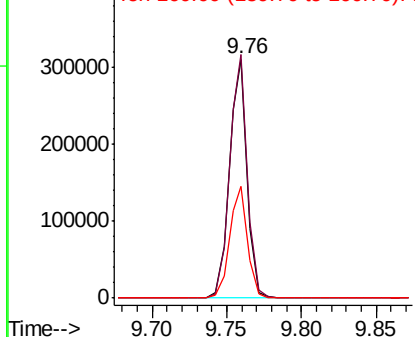


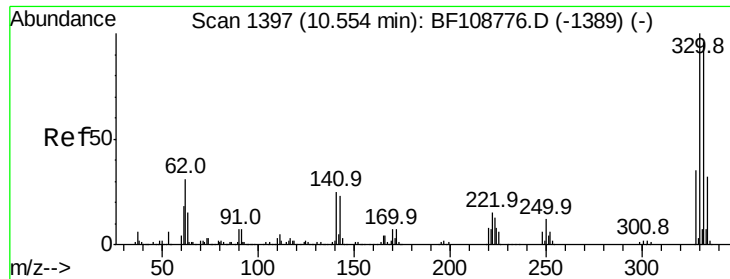
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF108978.D
Acq: 13 Sep 2018 21:31

Tgt Ion:164 Resp: 258296
Ion Ratio Lower Upper
164 100
162 101.9 86.1 129.1
160 46.7 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

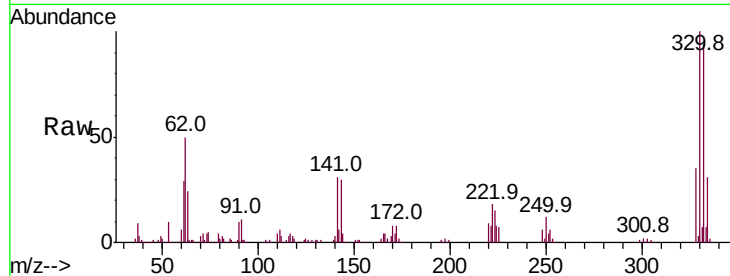




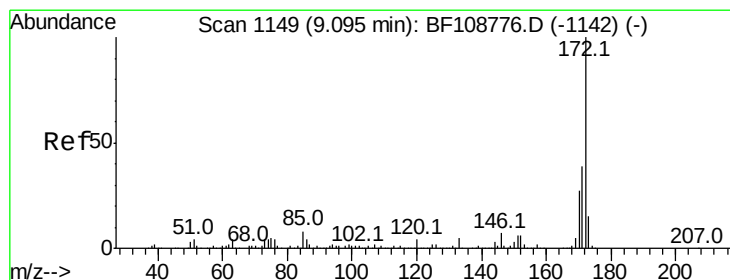
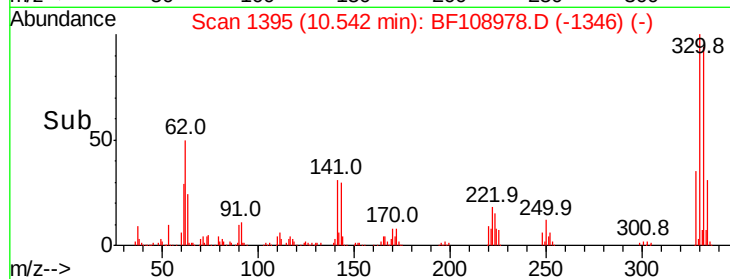
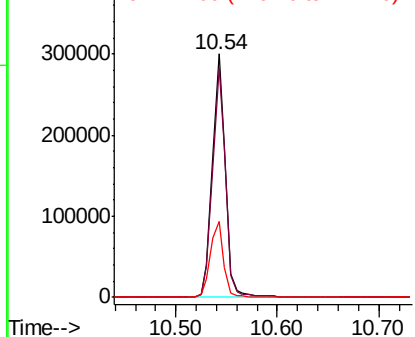
#41
 2,4,6-Tribromophenol
 Concen: 109.587 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF108978.D
 Acq: 13 Sep 2018 21:31

Instrument :
 BNA_F
 ClientSampleId :
 091118-DBRI-F-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	31.6	29.9	44.9

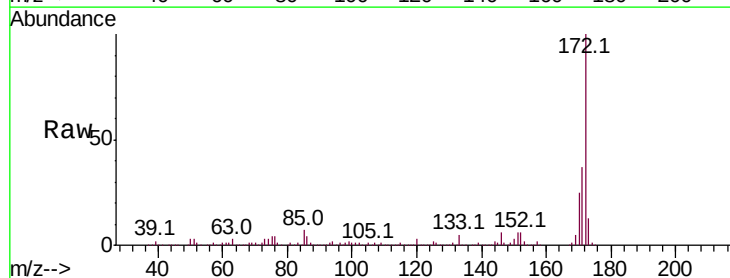


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

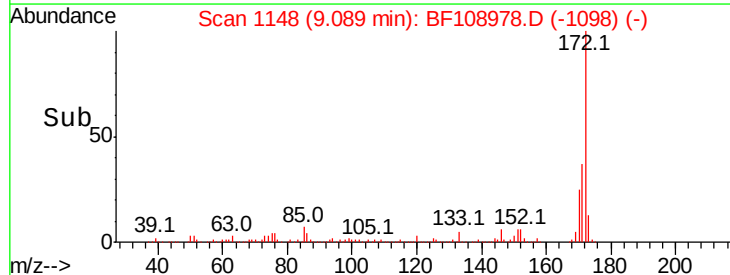
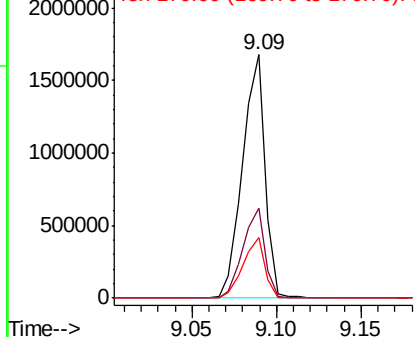


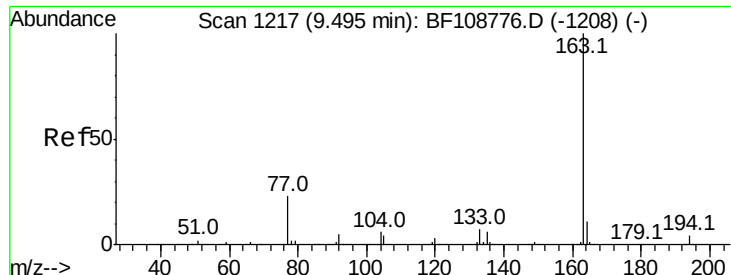
#44
 2-Fluorobiphenyl
 Concen: 103.412 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108978.D
 Acq: 13 Sep 2018 21:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	25.1	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: 6.636 ng

RT: 9.48 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BF108978.D

Acq: 13 Sep 2018 21:31

Instrument :

BNA_F

ClientSampleId :

091118-DBRI-F-D-M

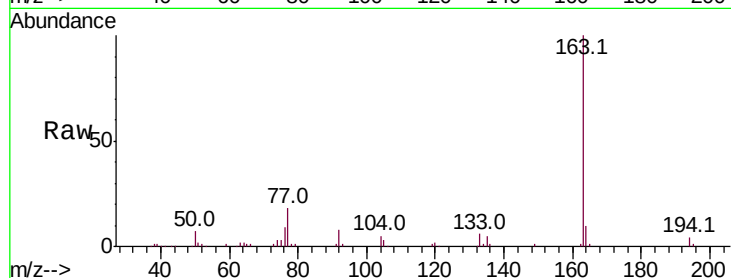
Tot Ion:163 Resp: 119895

Ion Ratio Lower Upper

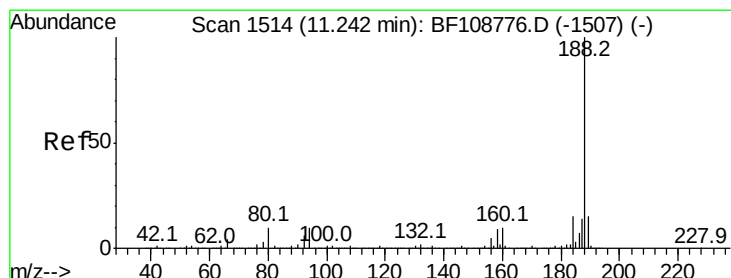
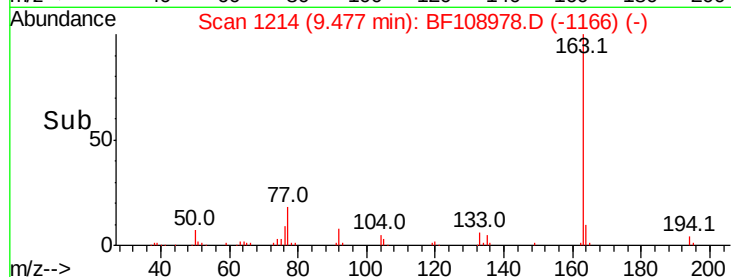
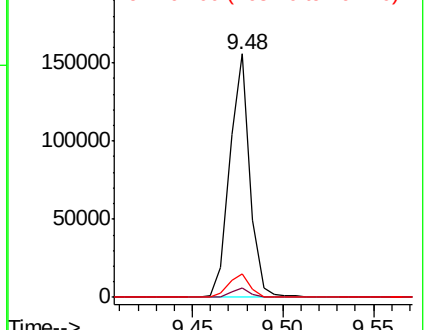
163 100

194 4.0 2.7 4.1

164 9.5 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# 1513

Delta R.T. -0.01 min

Lab File: BF108978.D

Acq: 13 Sep 2018 21:31

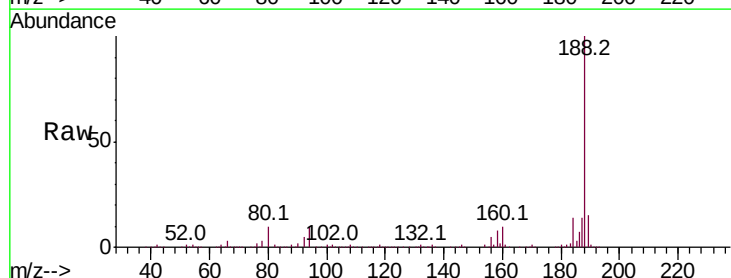
Tgt Ion:188 Resp: 478326

Ion Ratio Lower Upper

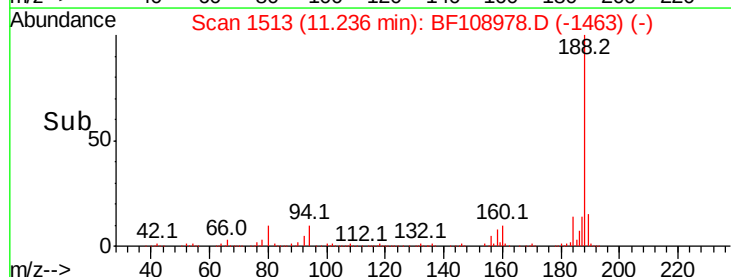
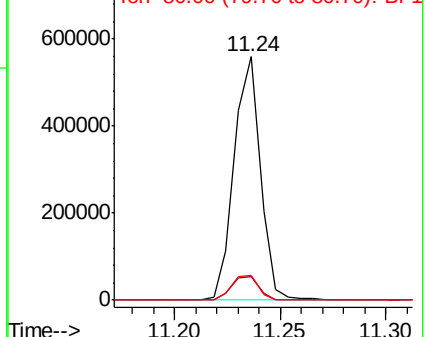
188 100

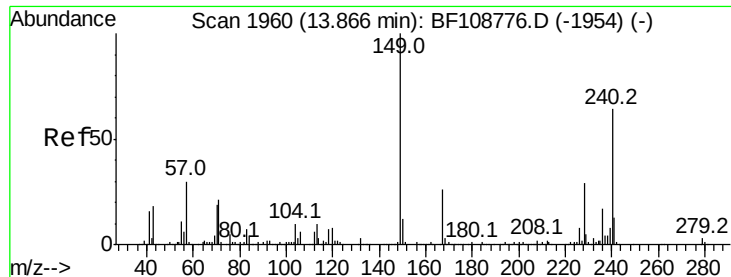
94 9.6 8.5 12.7

80 9.9 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: 13.86 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BF108978.D

Acq: 13 Sep 2018 21:31

Instrument :

BNA_F

ClientSampleId :

091118-DBRI-F-D-M

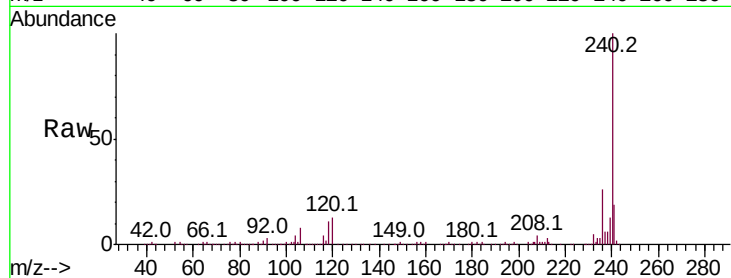
Tot Ion:240 Resp: 370585

Ion Ratio Lower Upper

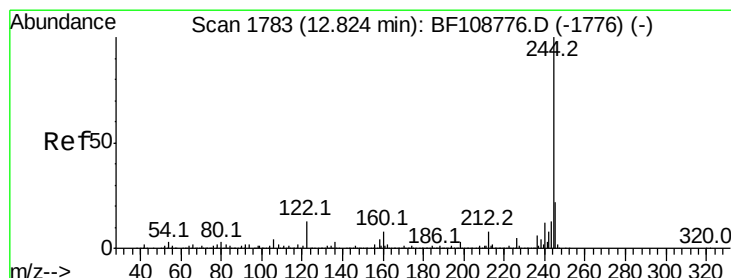
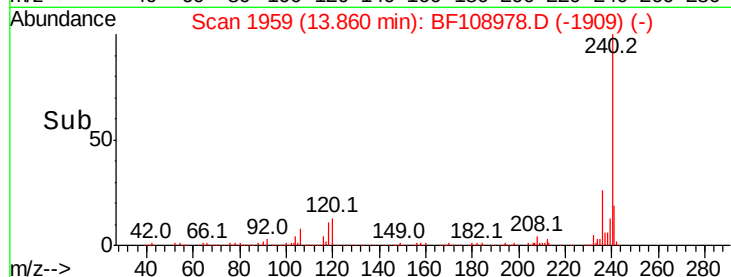
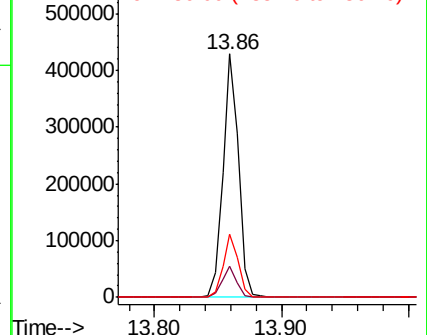
240 100

120 12.8 9.5 14.3

236 25.8 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: 97.980 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108978.D

Acq: 13 Sep 2018 21:31

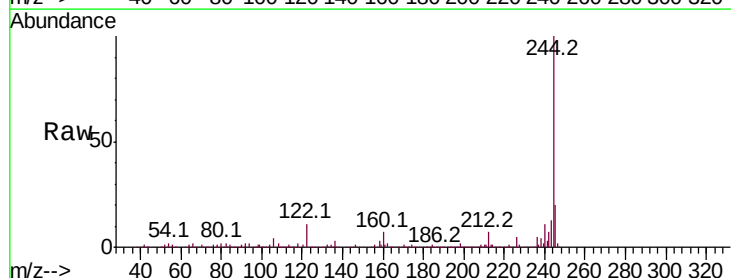
Tgt Ion:244 Resp: 1557088

Ion Ratio Lower Upper

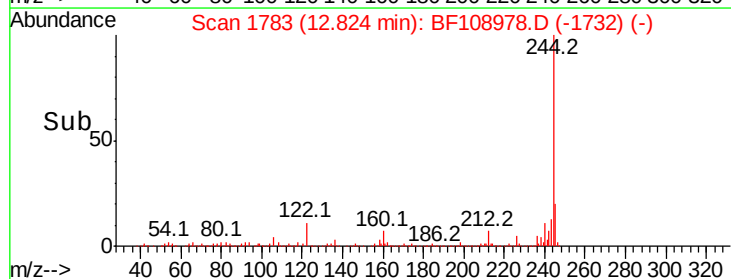
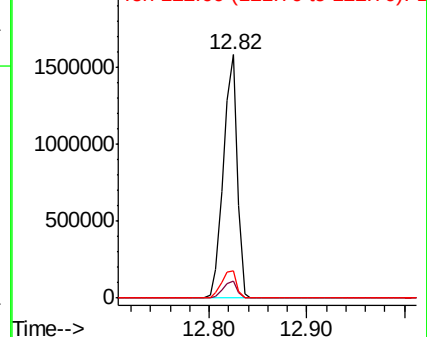
244 100

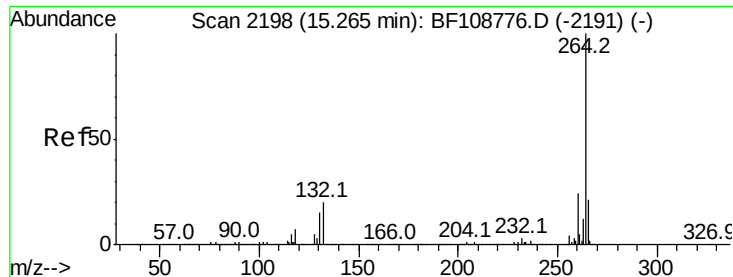
212 7.2 5.4 8.0

122 11.4 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: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108978.D
Acq: 13 Sep 2018 21:31

Instrument :
BNA_F
ClientSampleId :
091118-DBRI-F-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.3	17.5	26.3

