

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
 Data File : BF108979.D
 Acq On : 13 Sep 2018 21:58
 Operator : JU/SJ
 Sample : J4875-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Sep 14 02:36:59 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

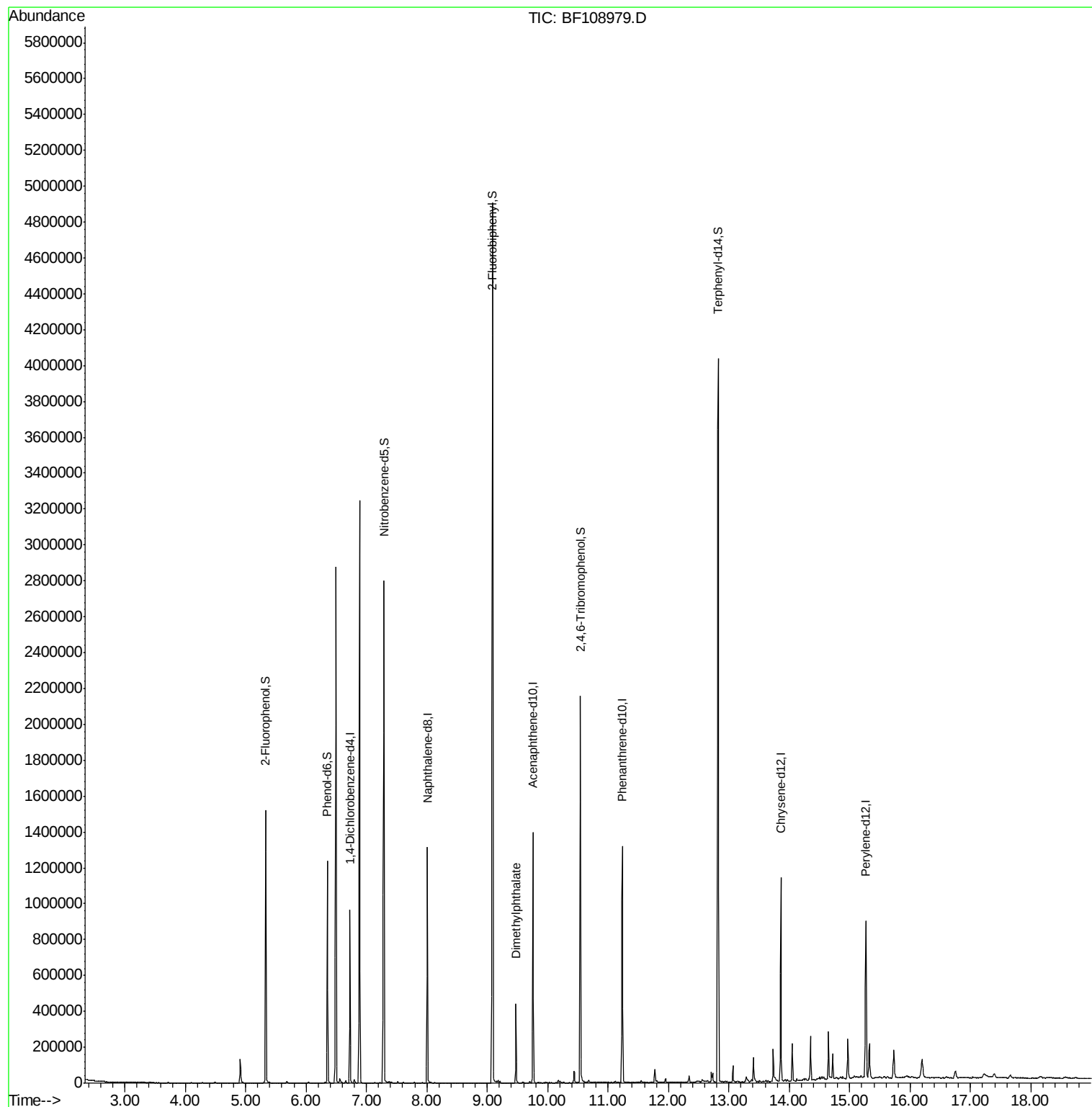
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	146027	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	538911	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	248502	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	445755	20.00	ng	0.00
75) Chrysene-d12	13.86	240	348859	20.00	ng	0.00
86) Perylene-d12	15.27	264	398534	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	435577	49.42	ng	0.00
7) Phenol-d6	6.35	99	358657	31.62	ng	-0.01
23) Nitrobenzene-d5	7.29	82	973213	113.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	258900	109.13	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1579874	108.46	ng	0.00
78) Terphenyl-d14	12.82	244	1438894	96.18	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.48	163	167337	9.628	ng	99

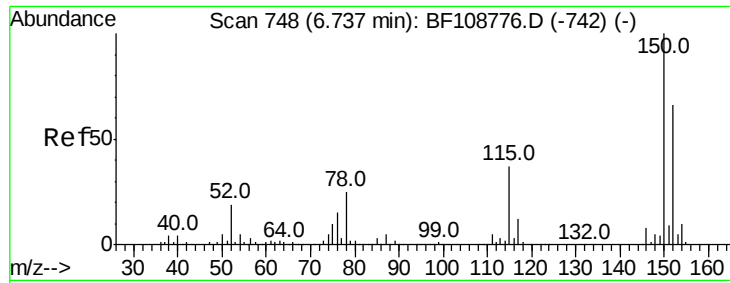
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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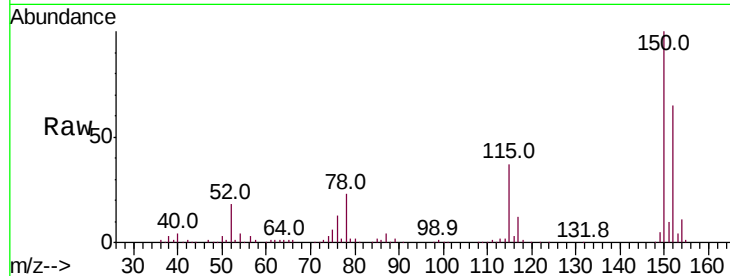


#1

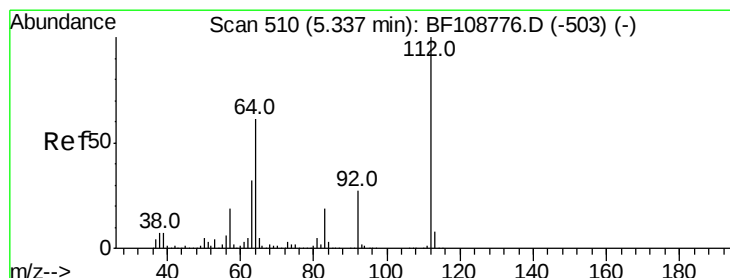
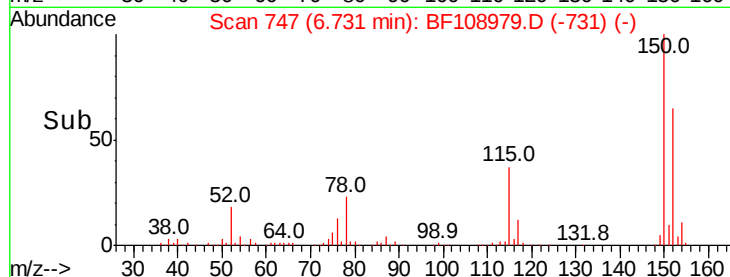
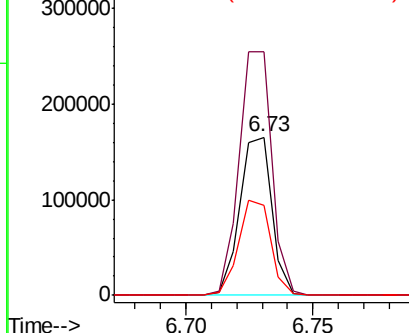
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108979.D
Acq: 13 Sep 2018 21:58

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

Tot Ion:152 Resp: 146027
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 56.7 50.1 75.1



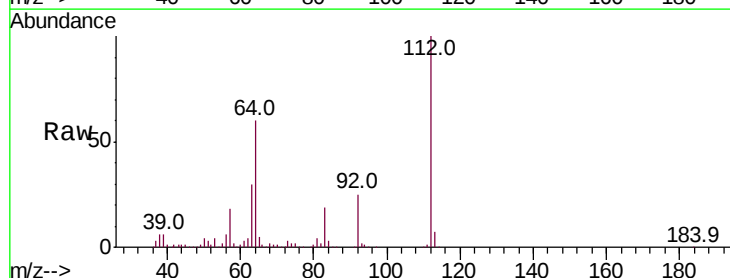
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



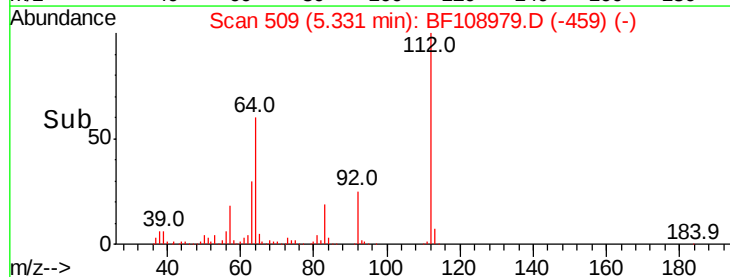
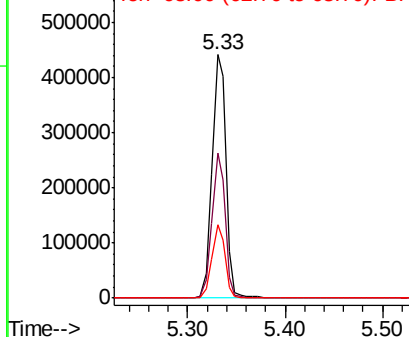
#5

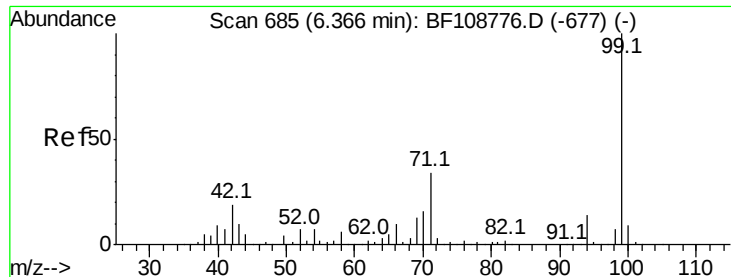
2-Fluorophenol
Concen: 49.416 ng
RT: 5.33 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF108979.D
Acq: 13 Sep 2018 21:58

Tgt Ion:112 Resp: 435577
Ion Ratio Lower Upper
112 100
64 59.6 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: 31.624 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF108979.D

Acq: 13 Sep 2018 21:58

Instrument :

BNA_F

ClientSampleId :

091118-DBRI-F-D-S

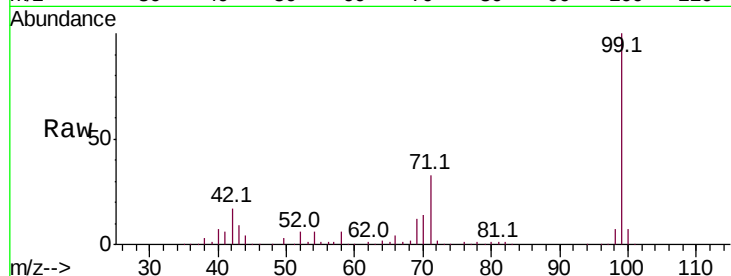
Tot Ion: 99 Resp: 358657

Ion Ratio Lower Upper

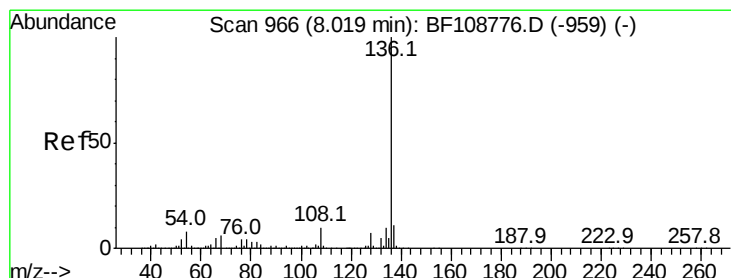
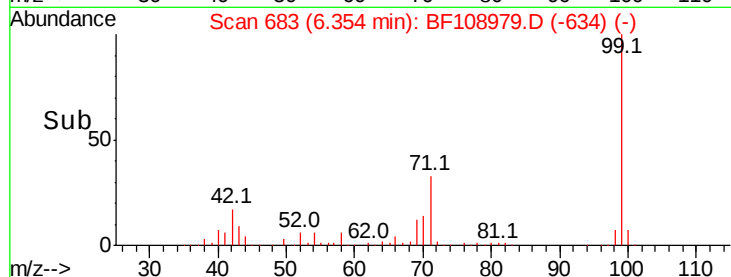
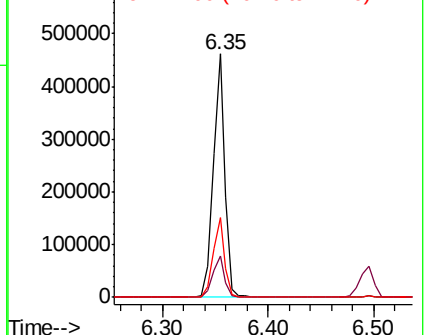
99 100

42 17.2 14.5 21.7

71 32.8 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: BF108979.D

Acq: 13 Sep 2018 21:58

Tgt Ion: 136 Resp: 538911

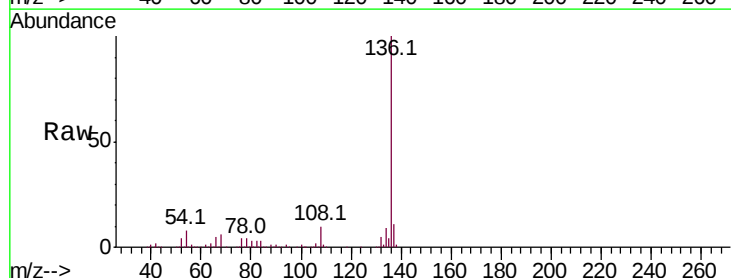
Ion Ratio Lower Upper

136 100

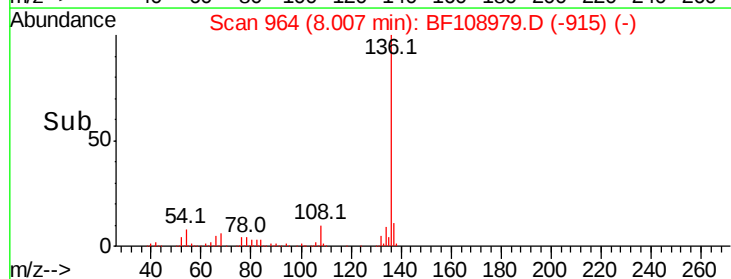
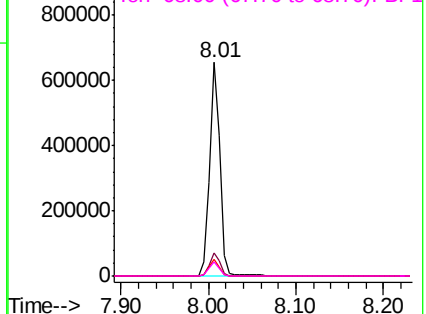
137 11.1 8.9 13.3

54 7.6 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

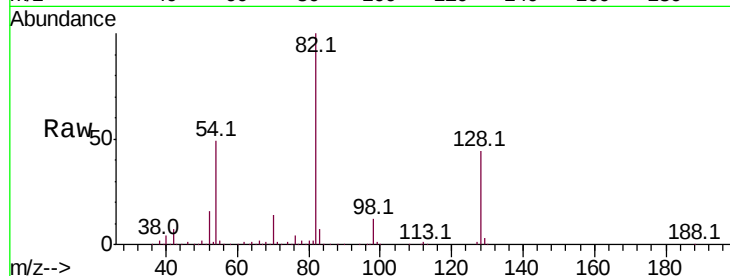




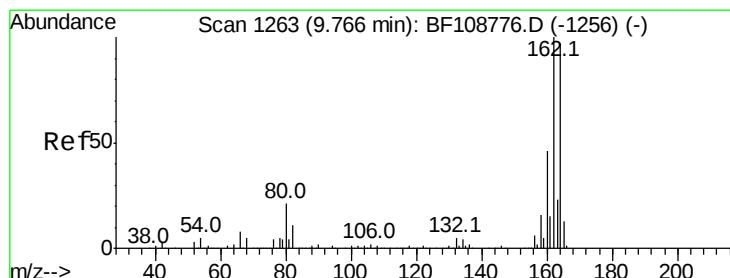
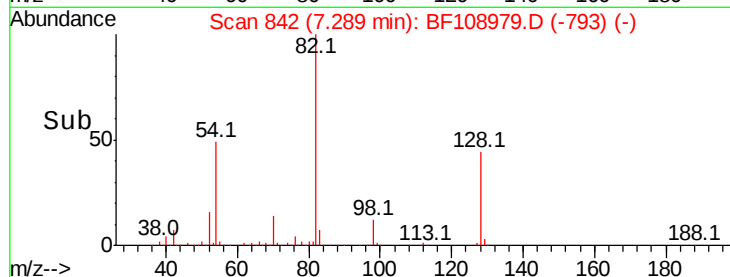
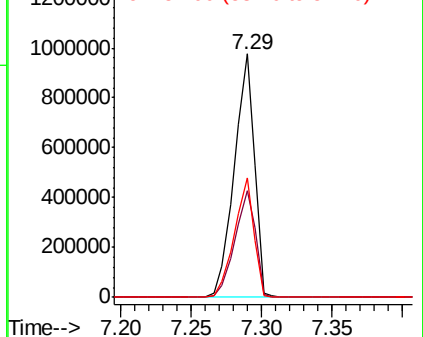
#23
 Nitrobenzene-d5
 Concen: 113.014 ng
 RT: 7.29 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF108979.D
 Acq: 13 Sep 2018 21:58

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

Tot Ion: 82 Resp: 973213
 Ion Ratio Lower Upper
 82 100
 128 43.7 36.1 54.1
 54 49.0 41.4 62.2

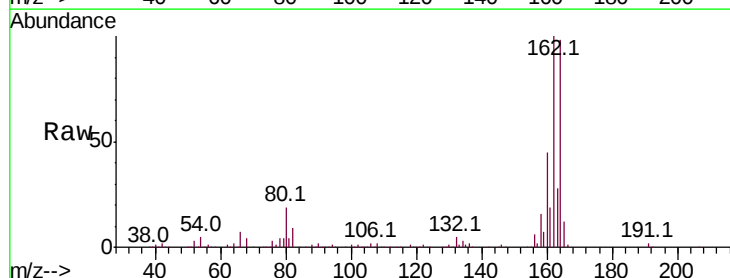


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

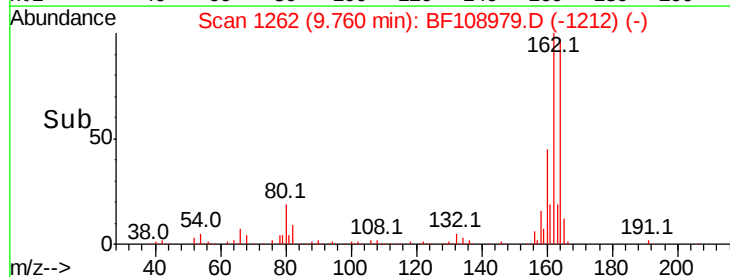
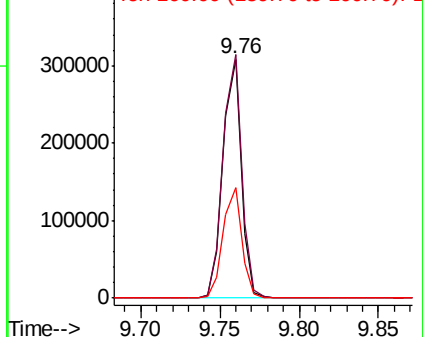


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BF108979.D
 Acq: 13 Sep 2018 21:58

Tgt Ion:164 Resp: 248502
 Ion Ratio Lower Upper
 164 100
 162 102.0 86.1 129.1
 160 46.2 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: 109.134 ng

RT: 10.54 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BF108979.D

Acq: 13 Sep 2018 21:58

Instrument :

BNA_F

ClientSampleId :

091118-DBRI-F-D-S

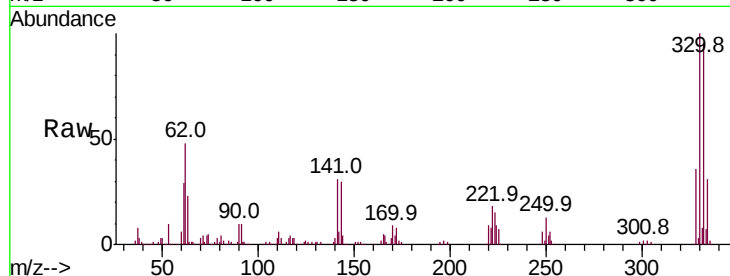
Tot Ion:330 Resp: 258900

Ion Ratio Lower Upper

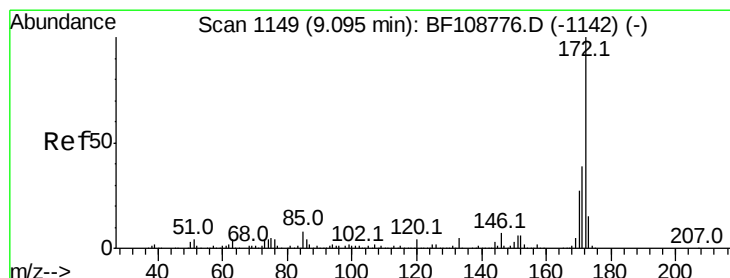
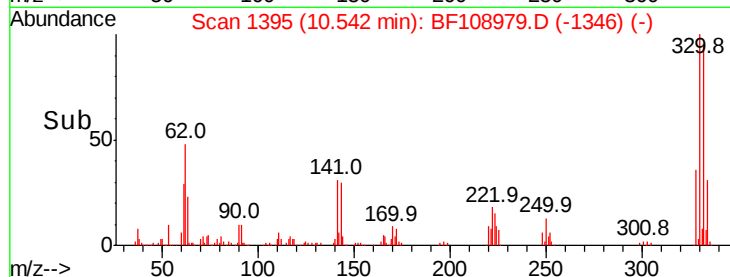
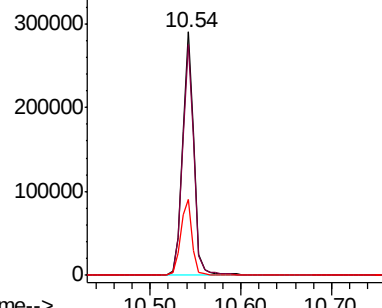
330 100

332 95.7 77.0 115.6

141 31.9 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: 108.460 ng

RT: 9.09 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF108979.D

Acq: 13 Sep 2018 21:58

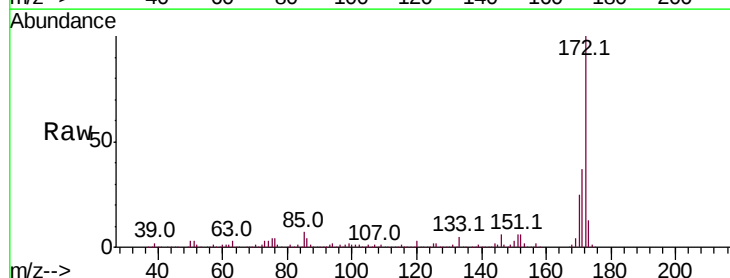
Tgt Ion:172 Resp: 1579874

Ion Ratio Lower Upper

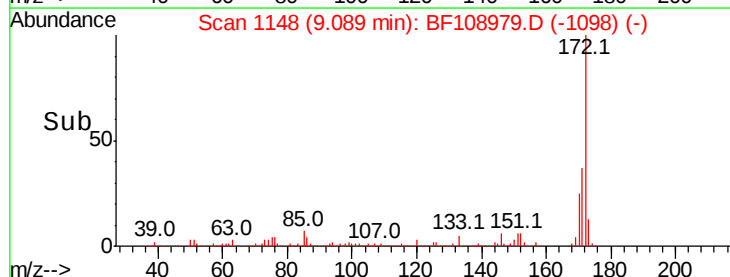
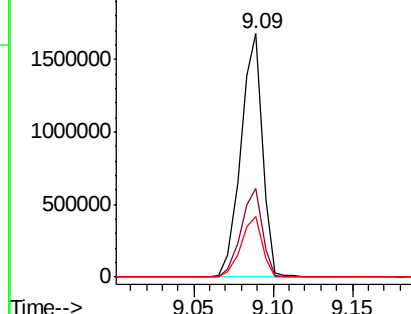
172 100

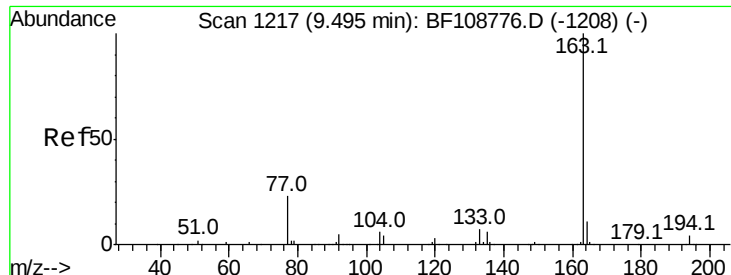
171 36.5 29.7 44.5

170 24.9 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: 9.628 ng

RT: 9.48 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BF108979.D

Acq: 13 Sep 2018 21:58

Instrument :

BNA_F

ClientSampleId :

091118-DBRI-F-D-S

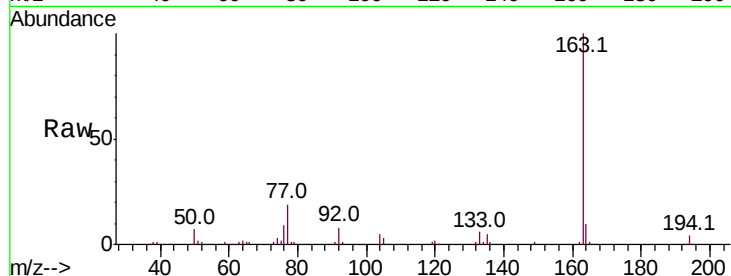
Tot Ion:163 Resp: 167337

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

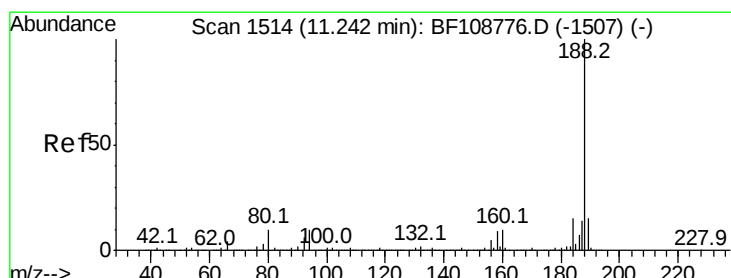
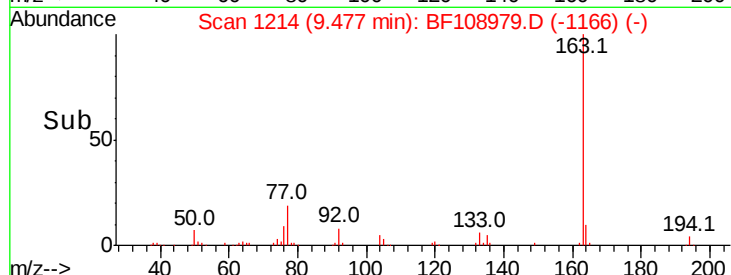
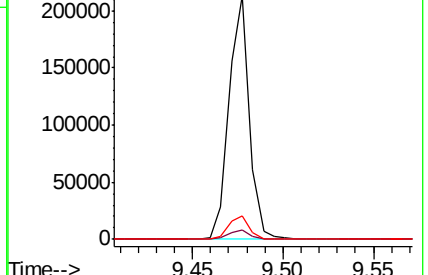
164 9.7 8.2 12.2



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: BF108979.D

Acq: 13 Sep 2018 21:58

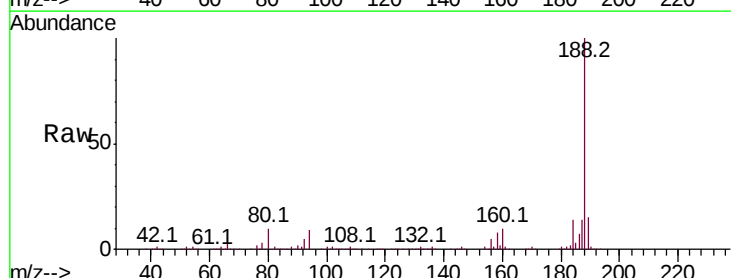
Tgt Ion:188 Resp: 445755

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

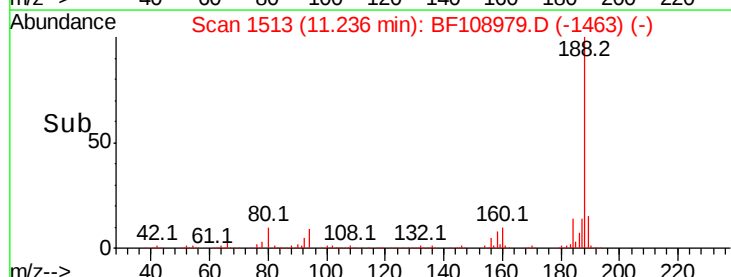
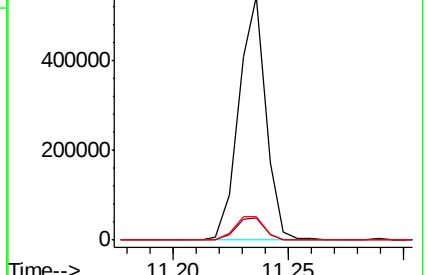
80 9.9 9.2 13.8

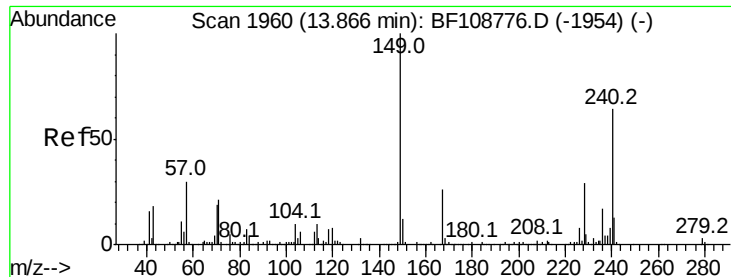


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF108979.D

Acq: 13 Sep 2018 21:58

Instrument :

BNA_F

ClientSampleId :

091118-DBRI-F-D-S

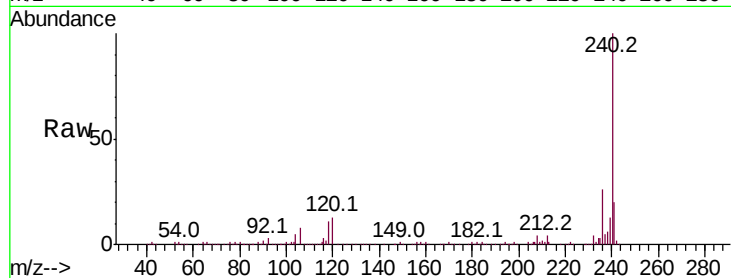
Tot Ion:240 Resp: 348859

Ion Ratio Lower Upper

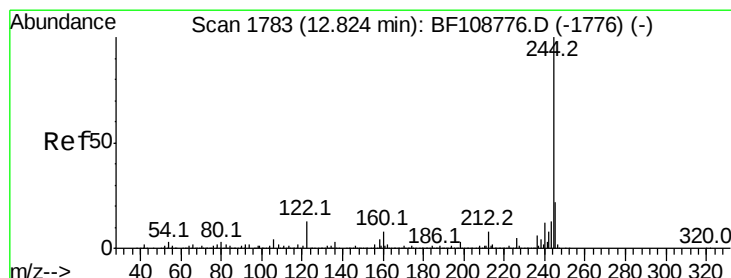
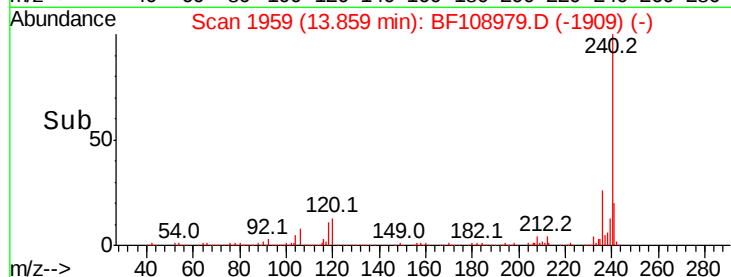
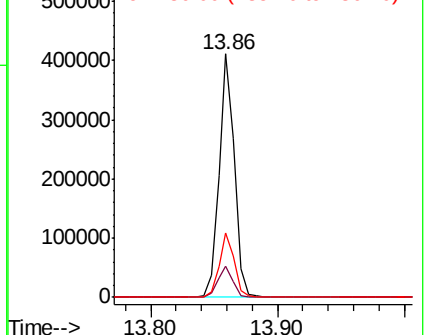
240 100

120 13.0 9.5 14.3

236 26.3 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: 96.181 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108979.D

Acq: 13 Sep 2018 21:58

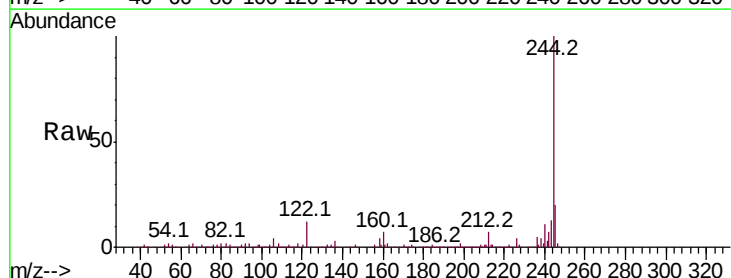
Tgt Ion:244 Resp: 1438894

Ion Ratio Lower Upper

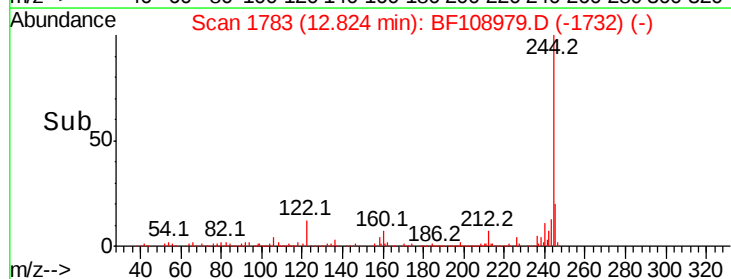
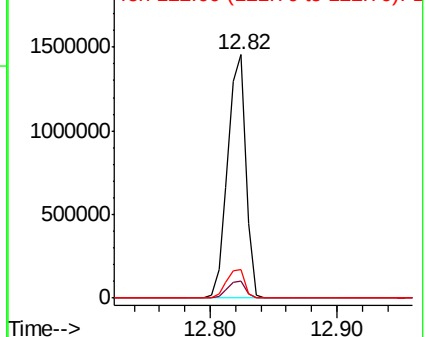
244 100

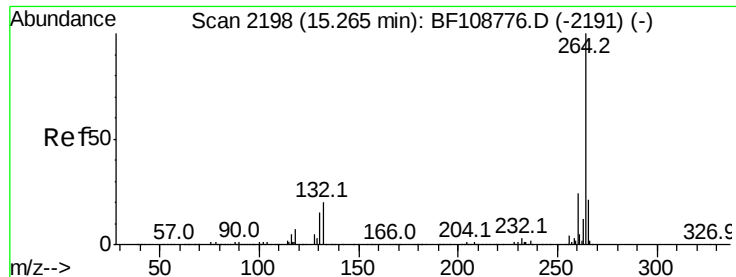
212 7.2 5.4 8.0

122 11.5 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# 2198
Delta R.T. -0.00 min
Lab File: BF108979.D
Acq: 13 Sep 2018 21:58

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.9	17.5	26.3

