

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
 Data File : BF108980.D
 Acq On : 13 Sep 2018 22:25
 Operator : JU/SJ
 Sample : J4875-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091118-DBRI-F-U-B

Quant Time: Sep 14 02:40:10 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

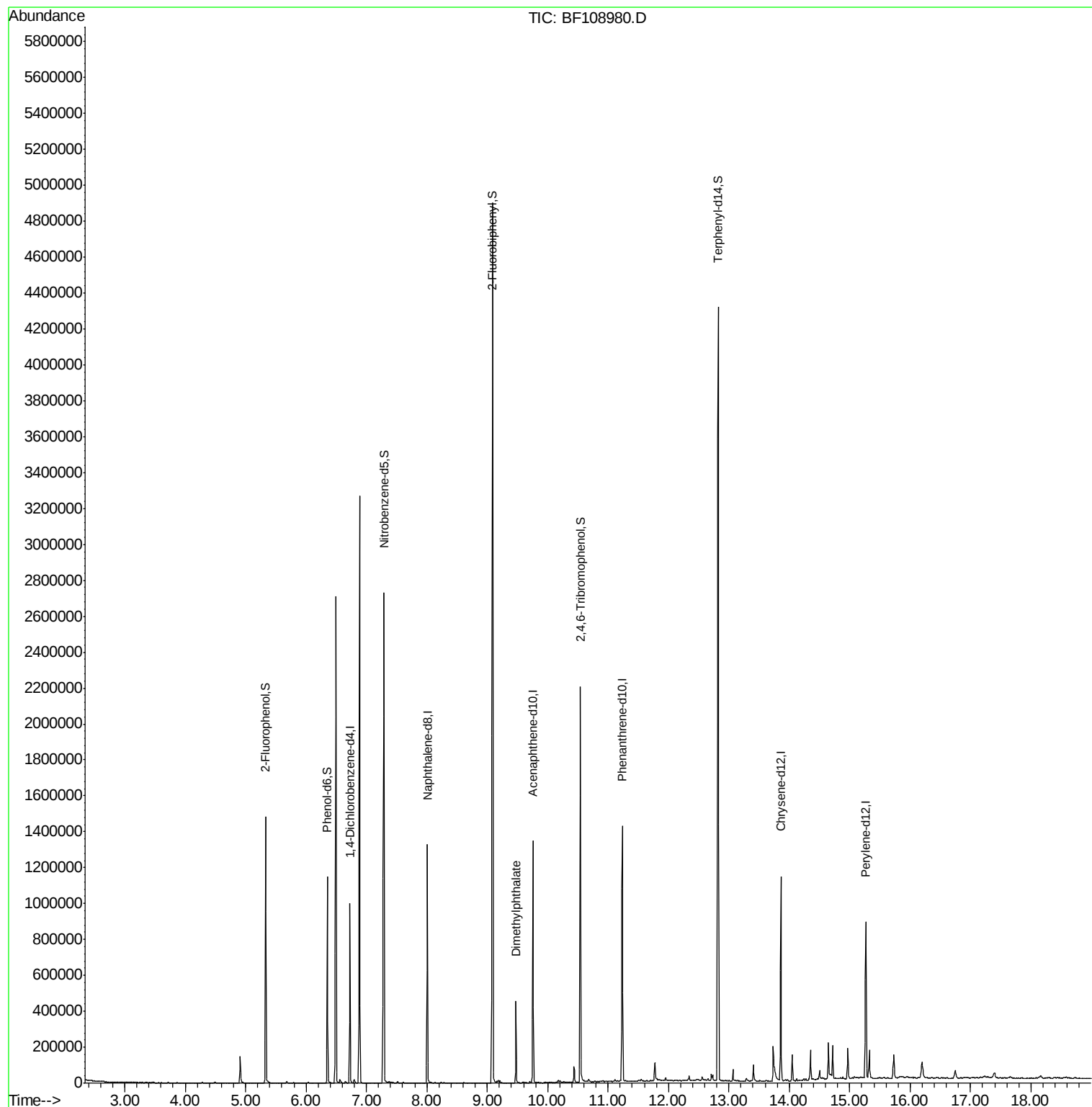
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	143428	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	540602	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	256388	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	482851	20.00	ng	0.00
75) Chrysene-d12	13.86	240	359864	20.00	ng	0.00
86) Perylene-d12	15.27	264	374171	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	398377	46.01	ng	0.00
7) Phenol-d6	6.35	99	327522	29.40	ng	-0.01
23) Nitrobenzene-d5	7.29	82	931699	107.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	258119	105.46	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1546562	102.91	ng	0.00
78) Terphenyl-d14	12.82	244	1546201	100.19	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	163906	9.140	ng	Qvalue # 98

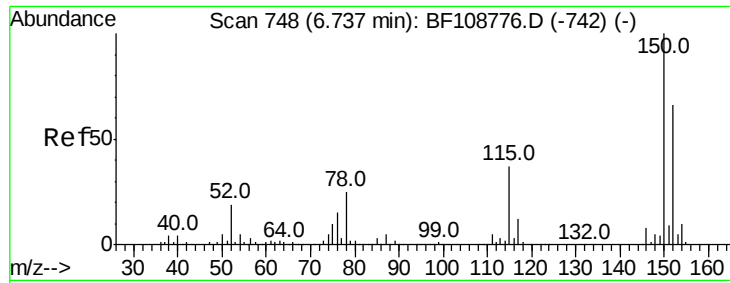
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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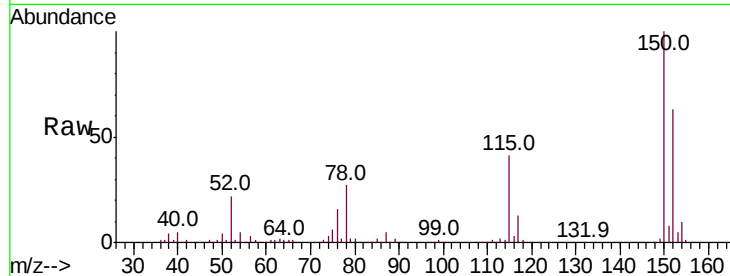


#1

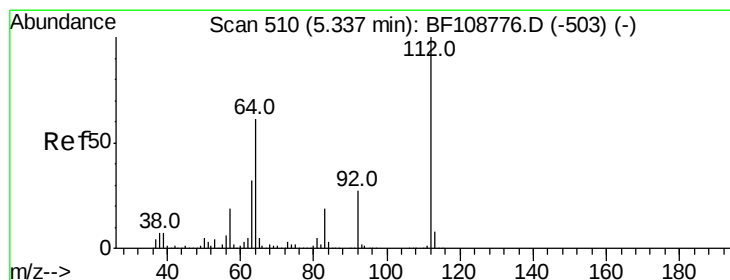
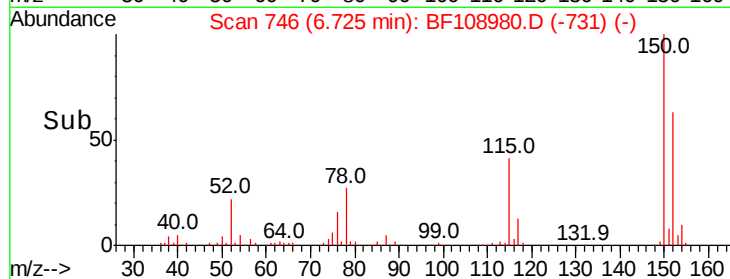
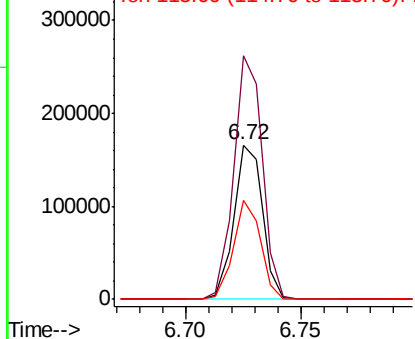
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF108980.D
 Acq: 13 Sep 2018 22:25

Instrument :
 BNA_F
 ClientSampleId :
 091118-DBRI-F-U-B

Tot Ion:152 Resp: 143428
 Ion Ratio Lower Upper
 152 100
 150 157.9 124.6 186.8
 115 64.3 50.1 75.1



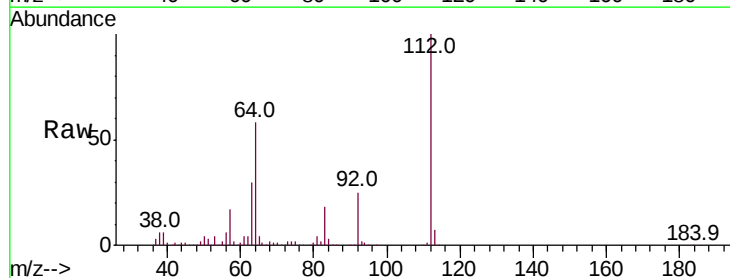
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



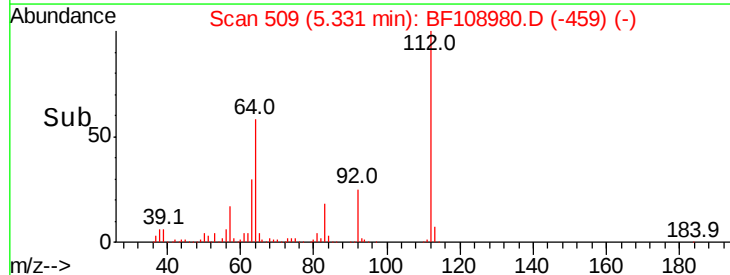
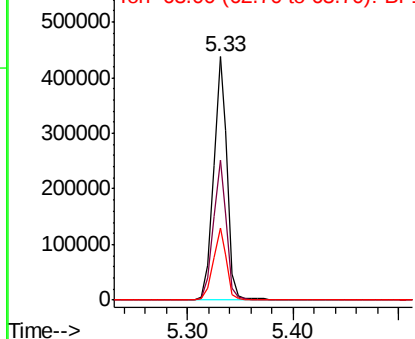
#5

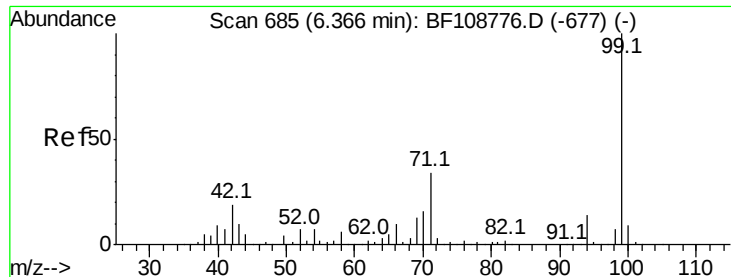
2-Fluorophenol
 Concen: 46.015 ng
 RT: 5.33 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: BF108980.D
 Acq: 13 Sep 2018 22:25

Tgt Ion:112 Resp: 398377
 Ion Ratio Lower Upper
 112 100
 64 57.6 47.9 71.9
 63 29.7 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: 29.402 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF108980.D

Acq: 13 Sep 2018 22:25

Instrument :

BNA_F

ClientSampleId :

091118-DBRI-F-U-B

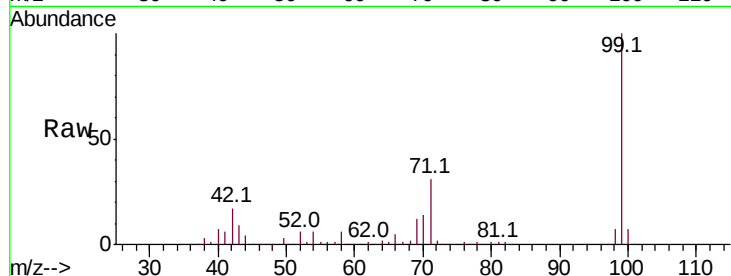
Tot Ion: 99 Resp: 327522

Ion Ratio Lower Upper

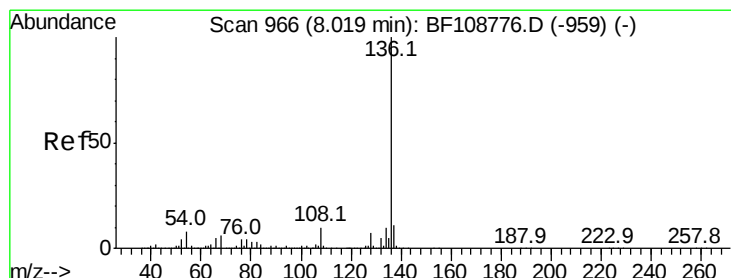
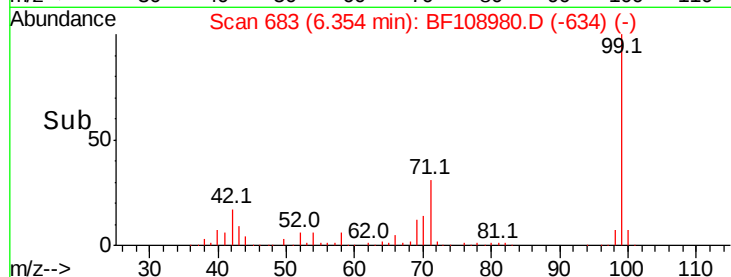
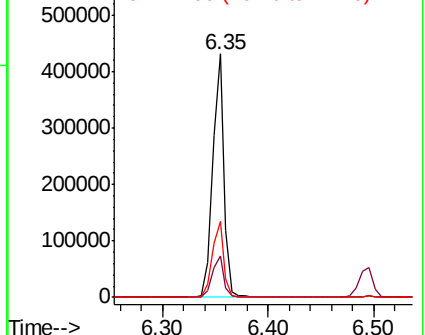
99 100

42 17.2 14.5 21.7

71 31.2 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: BF108980.D

Acq: 13 Sep 2018 22:25

Tgt Ion: 136 Resp: 540602

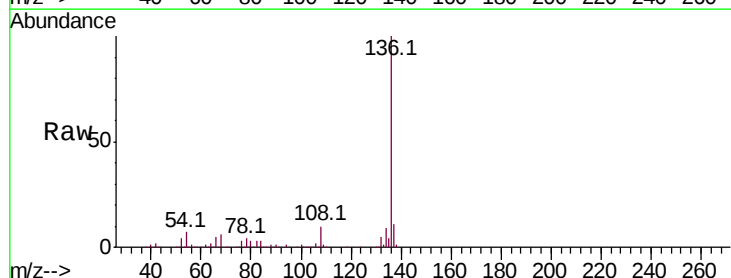
Ion Ratio Lower Upper

136 100

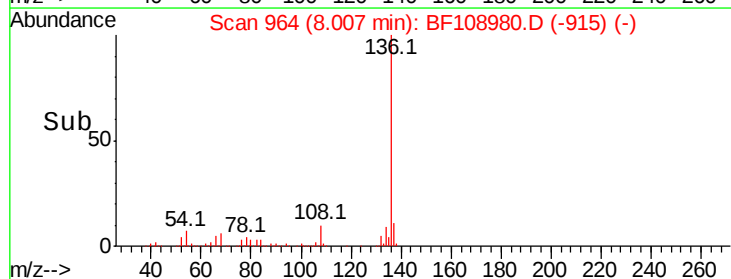
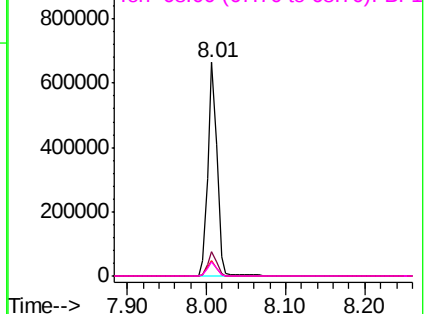
137 11.3 8.9 13.3

54 7.5 6.6 9.8

68 6.4 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

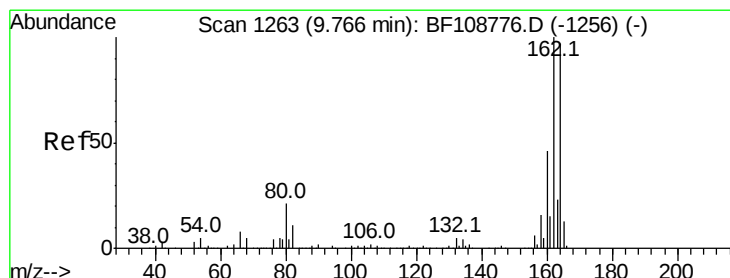
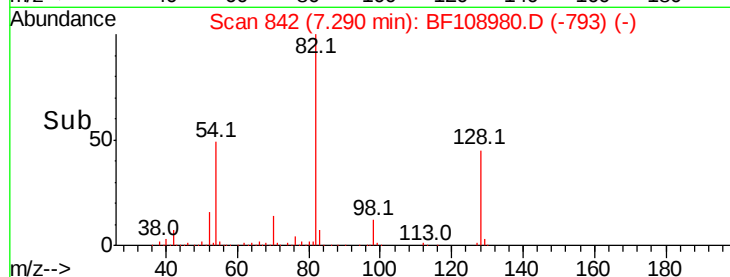
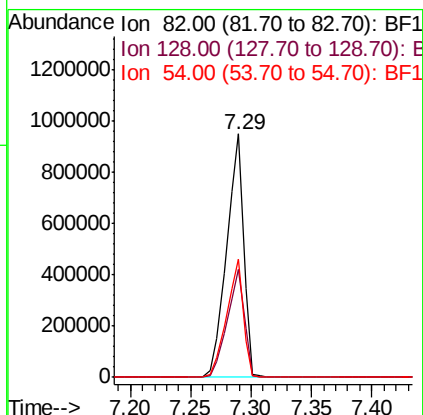
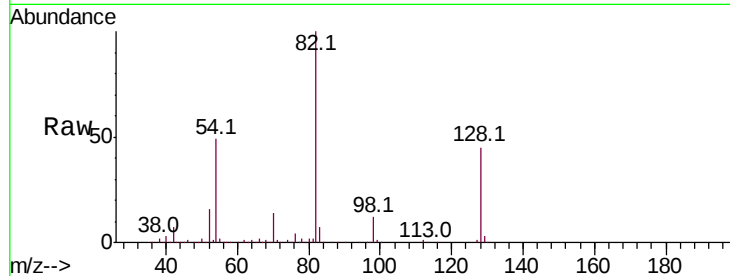




#23
 Nitrobenzene-d5
 Concen: 107.855 ng
 RT: 7.29 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF108980.D
 Acq: 13 Sep 2018 22:25

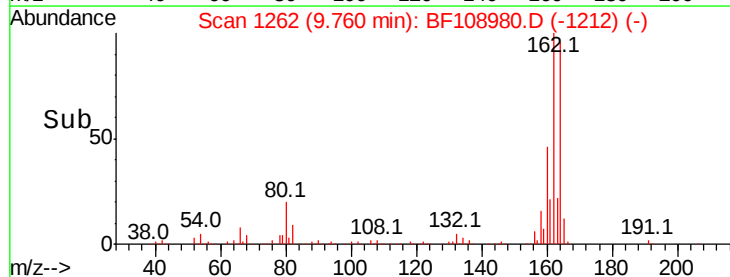
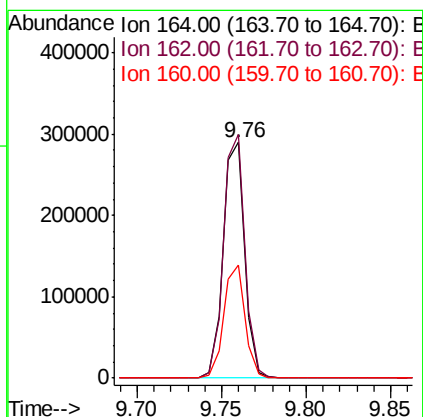
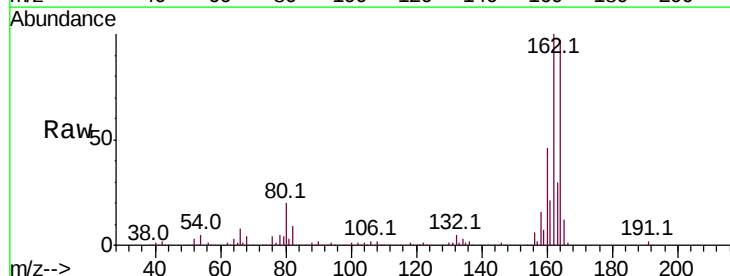
Instrument :
 BNA_F
 ClientSampleId :
 091118-DBRI-F-U-B

Tot Ion	82	Resp	931699
Ion Ratio	Lower	Upper	
82	100		
128	44.5	36.1	54.1
54	48.7	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BF108980.D
 Acq: 13 Sep 2018 22:25

Tgt Ion	164	Resp	256388
Ion Ratio	Lower	Upper	
164	100		
162	103.5	86.1	129.1
160	47.8	38.3	57.5

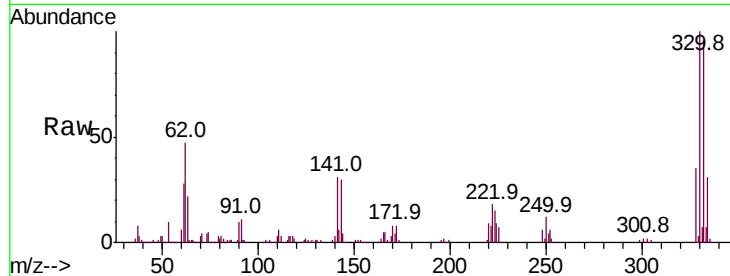




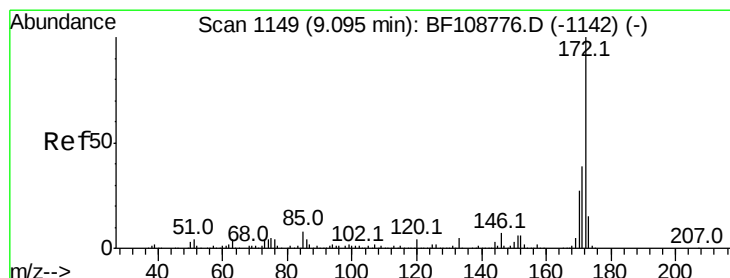
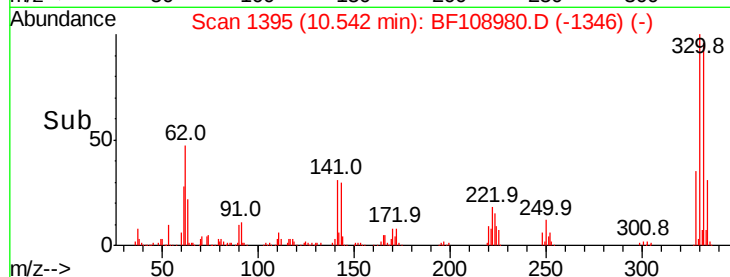
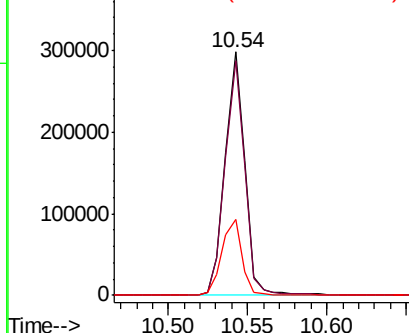
#41
 2,4,6-Tribromophenol
 Concen: 105.458 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF108980.D
 Acq: 13 Sep 2018 22:25

Instrument :
 BNA_F
 ClientSampleId :
 091118-DBRI-F-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	31.9	29.9	44.9

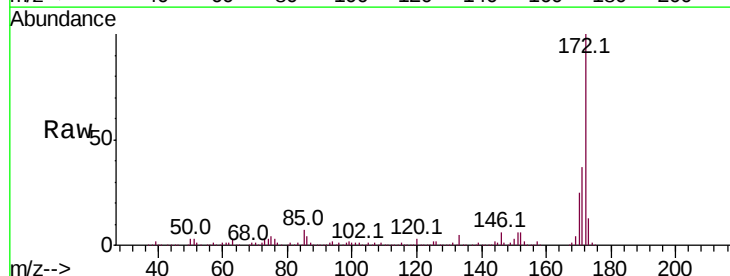


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

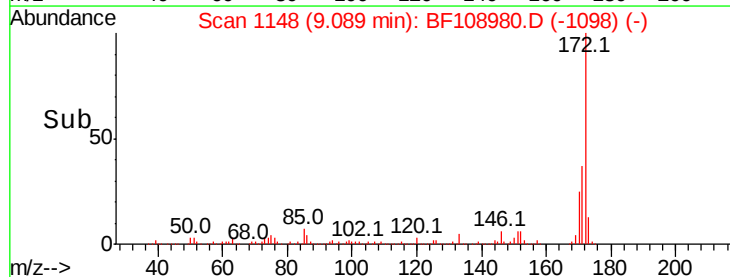
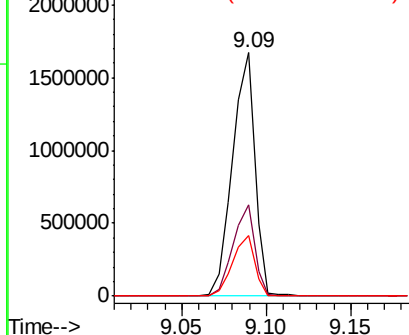


#44
 2-Fluorobiphenyl
 Concen: 102.907 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108980.D
 Acq: 13 Sep 2018 22:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	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: 9.140 ng

RT: 9.48 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BF108980.D

Acq: 13 Sep 2018 22:25

Instrument :

BNA_F

ClientSampleId :

091118-DBRI-F-U-B

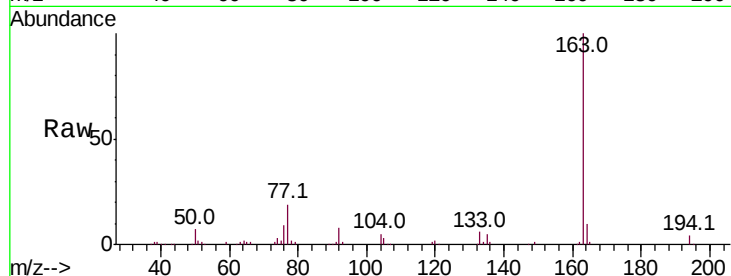
Tot Ion:163 Resp: 163906

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

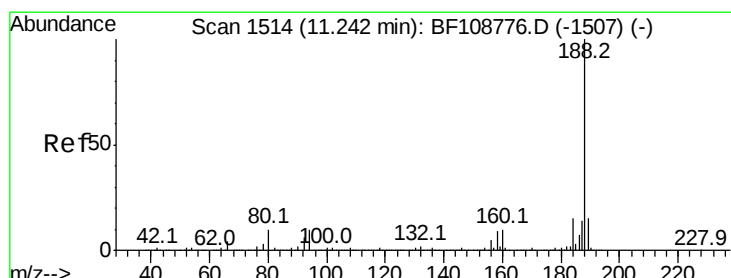
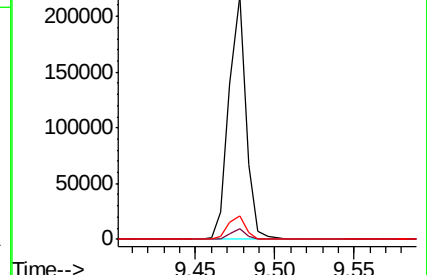
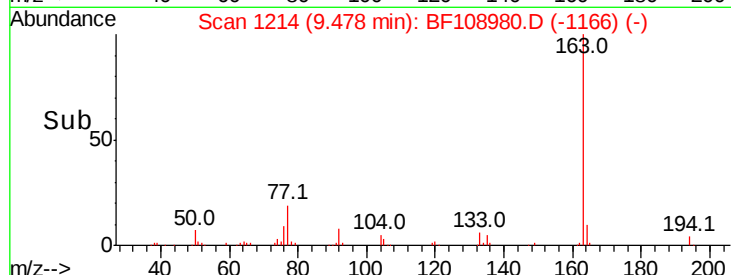
164 9.7 8.2 12.2



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: BF108980.D

Acq: 13 Sep 2018 22:25

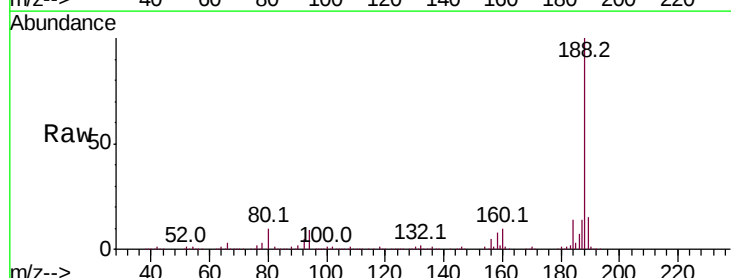
Tgt Ion:188 Resp: 482851

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

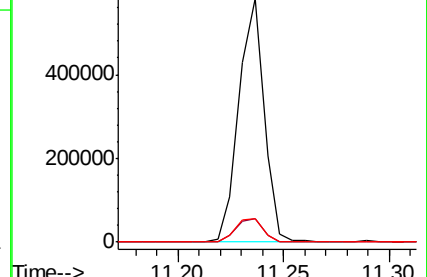
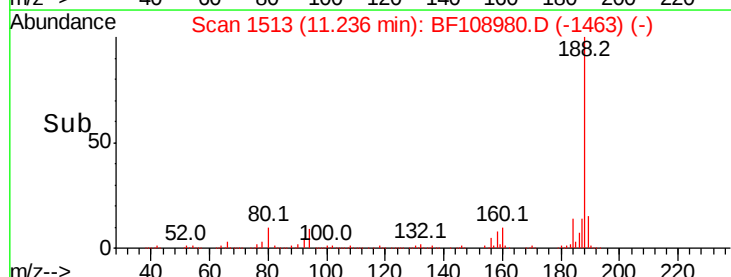
80 9.9 9.2 13.8

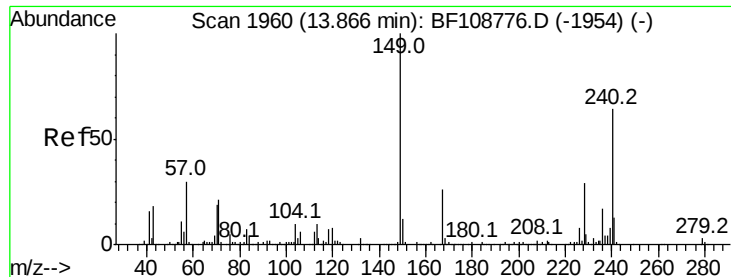


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF108980.D

Acq: 13 Sep 2018 22:25

Instrument :

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ClientSampleId :

091118-DBRI-F-U-B

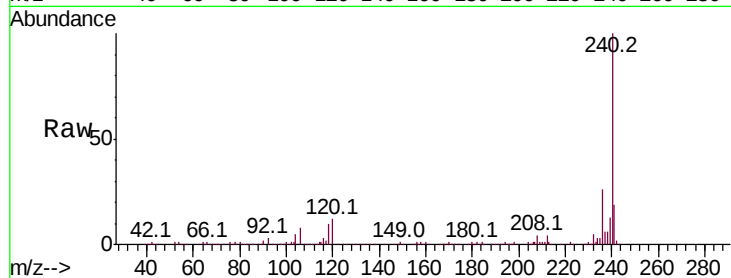
Tot Ion:240 Resp: 359864

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

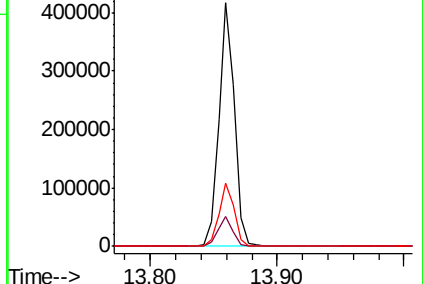
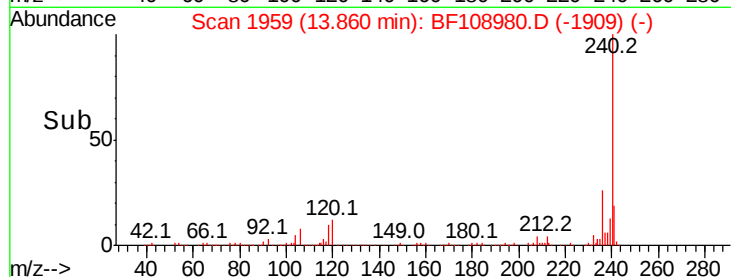
236 26.2 20.7 31.1



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: 100.193 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108980.D

Acq: 13 Sep 2018 22:25

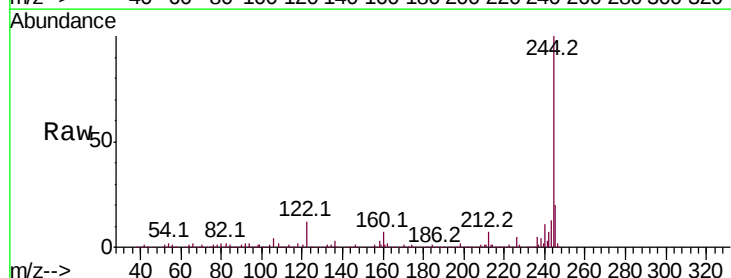
Tgt Ion:244 Resp: 1546201

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

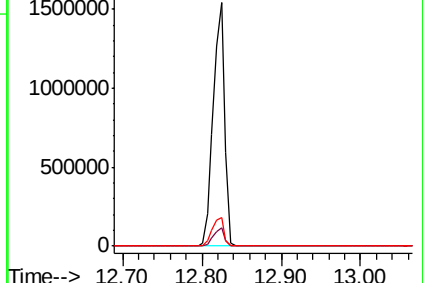
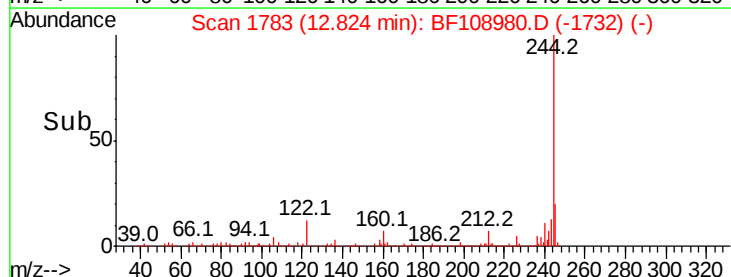
122 11.7 11.0 16.4

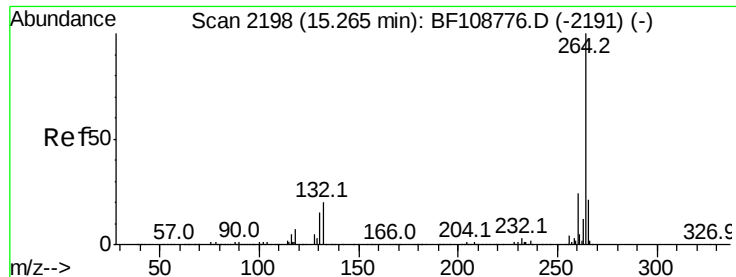


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108980.D
Acq: 13 Sep 2018 22:25

Instrument :
BNA_F
ClientSampleId :
091118-DBRI-F-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.6	17.5	26.3

