

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
 Data File : BF108453.D
 Acq On : 24 Aug 2018 6:52
 Operator : JU/SJ
 Sample : J4582-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082018-DBRI-E-U-B

Quant Time: Aug 24 08:23:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	144664	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	529108	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	245631	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	398131	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	307005	20.00	ng	-0.01
86) Perylene-d12	15.75	264	267003	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	323980	40.55	ng	0.00
7) Phenol-d6	6.61	99	273919	25.80	ng	-0.02
23) Nitrobenzene-d5	7.57	82	892490	94.12	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	189071	77.17	ng	-0.01
44) 2-Fluorobiphenyl	9.36	172	1566708	102.40	ng	0.00
78) Terphenyl-d14	13.12	244	1129562	93.55	ng	0.00

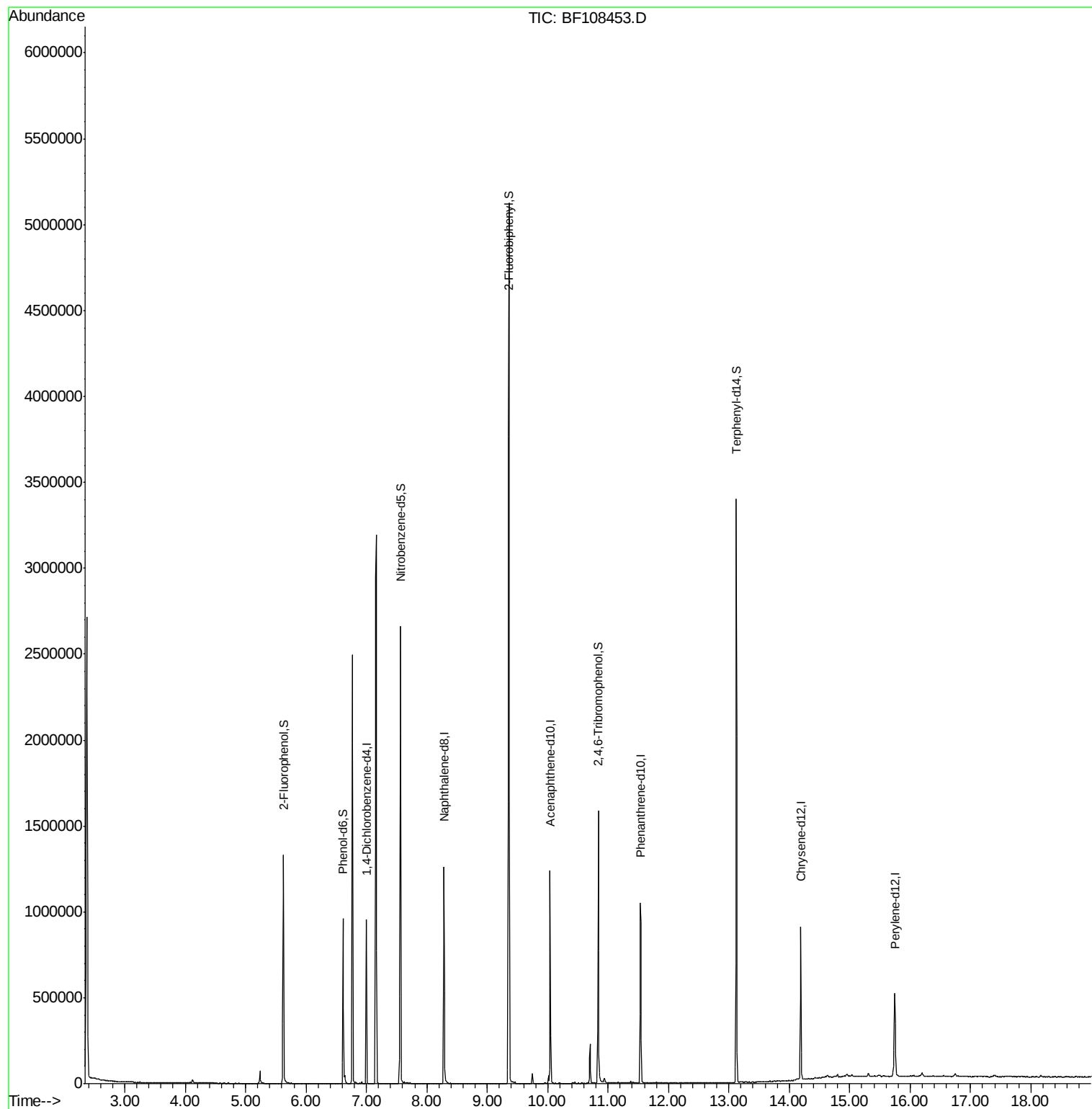
Target Compounds Qvalue

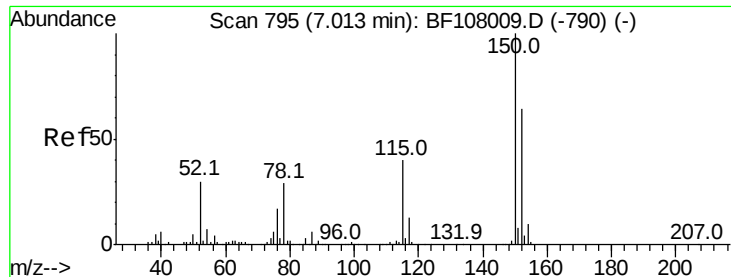
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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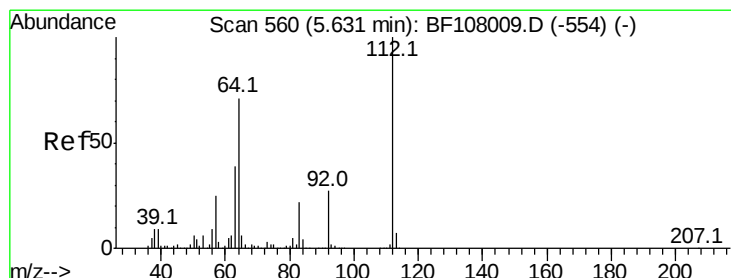
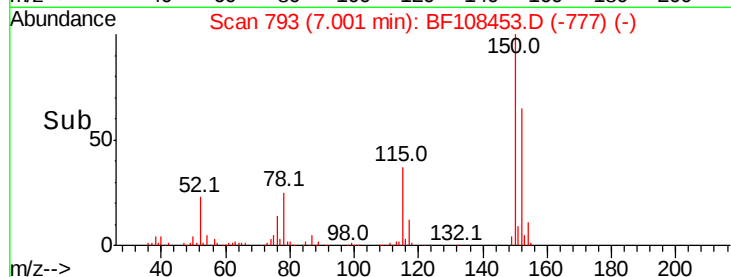
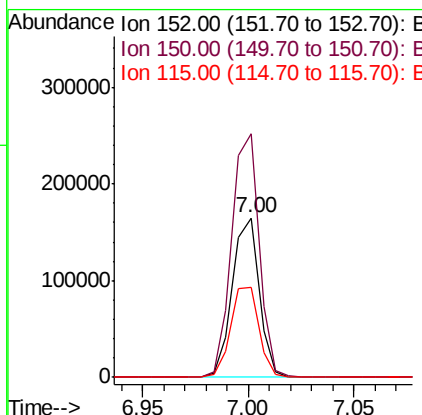
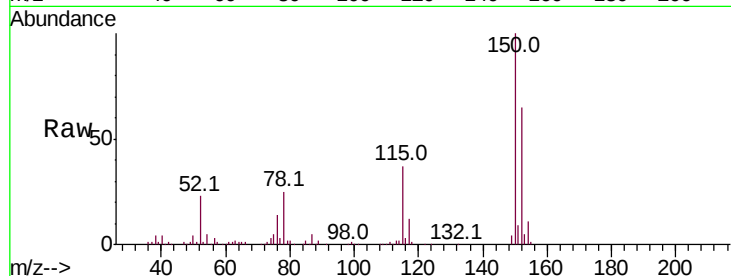


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108453.D
Acq: 24 Aug 2018 6:52

Instrument :
BNA_F
ClientSampleId :
082018-DBRI-E-U-B

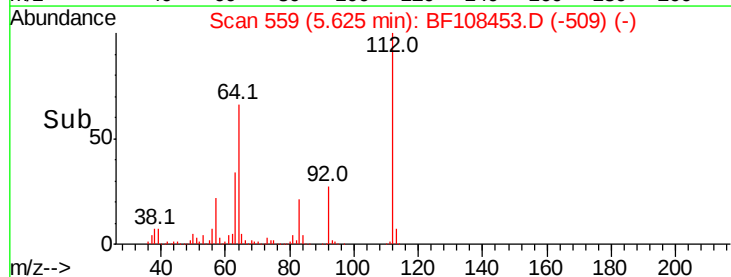
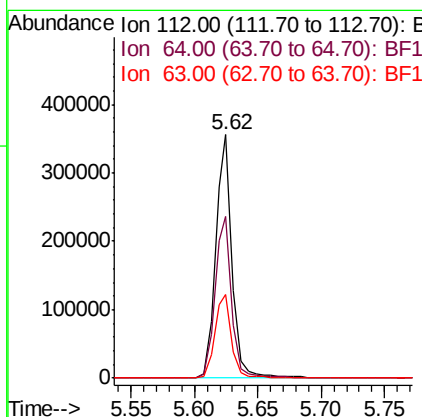
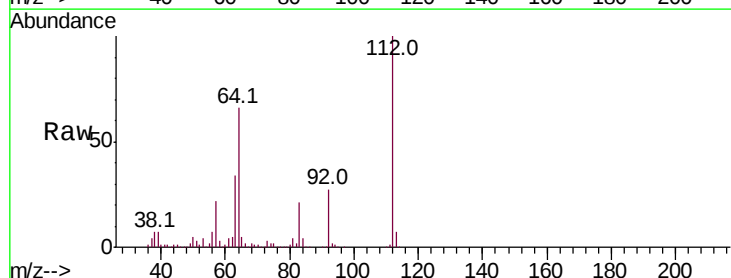
Tot Ion:152 Resp: 144664
Ion Ratio Lower Upper
152 100
150 152.7 124.6 186.8
115 56.2 50.1 75.1

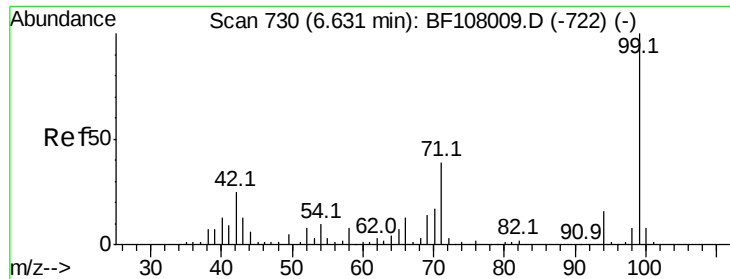


#5

2-Fluorophenol
Concen: 40.546 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108453.D
Acq: 24 Aug 2018 6:52

Tgt Ion:112 Resp: 323980
Ion Ratio Lower Upper
112 100
64 66.3 47.9 71.9
63 34.2 23.7 35.5





#7

Phenol-d6

Concen: 25.797 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108453.D

Acq: 24 Aug 2018 6:52

Instrument :

BNA_F

ClientSampleId :

082018-DBRI-E-U-B

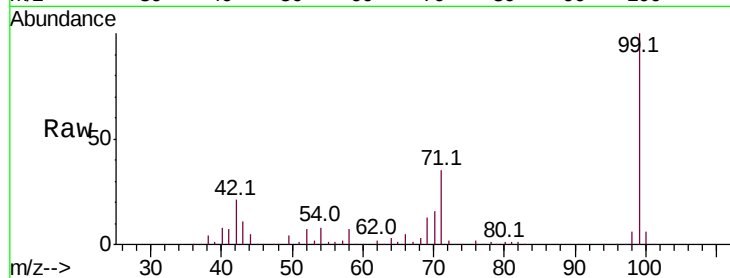
Tot Ion: 99 Resp: 273919

Ion Ratio Lower Upper

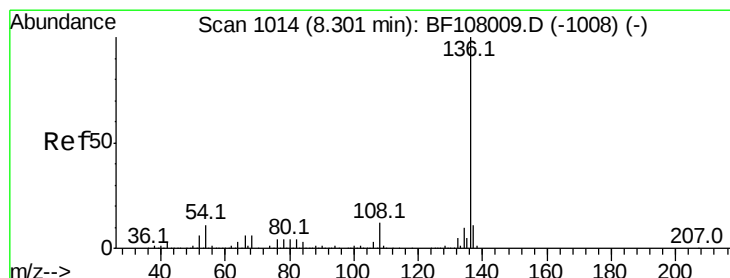
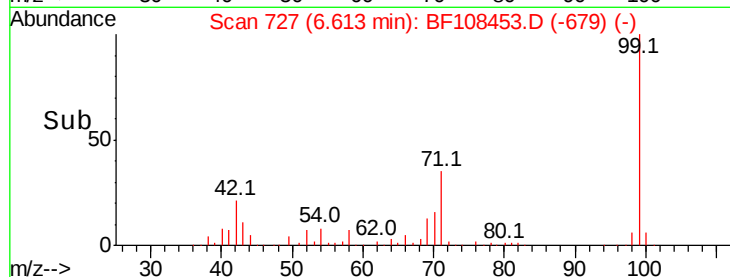
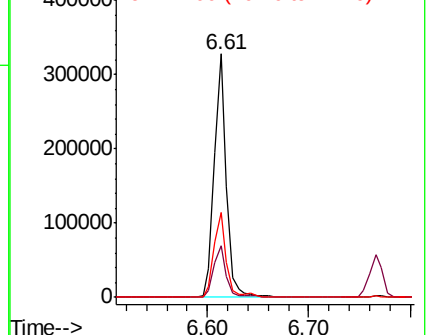
99 100

42 21.2 14.5 21.7

71 34.9 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: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108453.D

Acq: 24 Aug 2018 6:52

Tgt Ion: 136 Resp: 529108

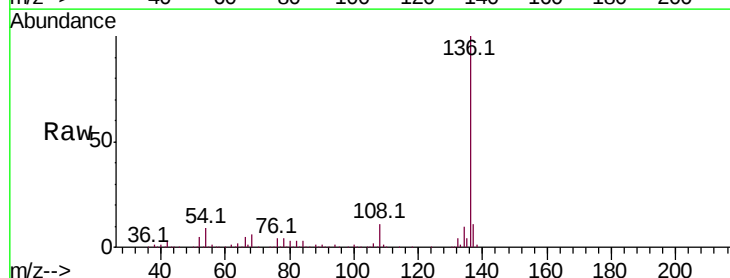
Ion Ratio Lower Upper

136 100

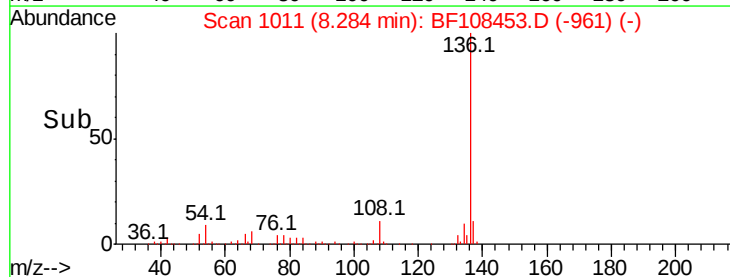
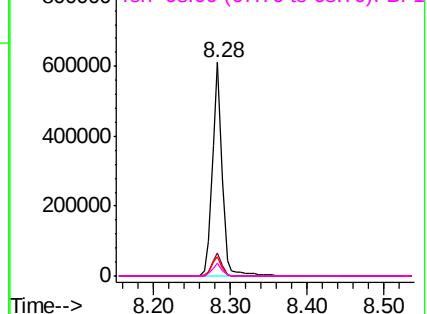
137 10.8 8.9 13.3

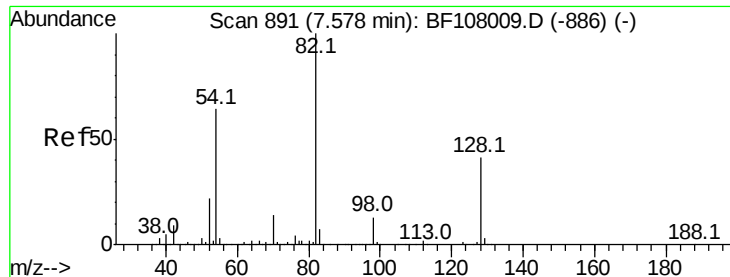
54 9.3 6.6 9.8

68 5.8 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

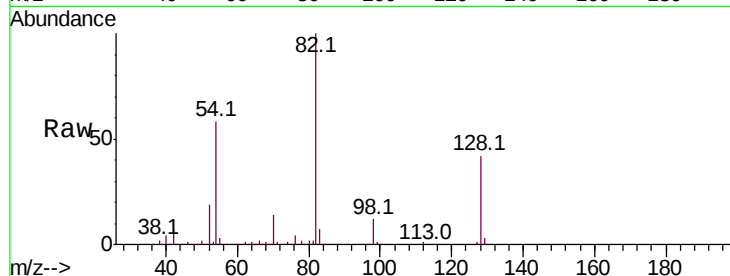




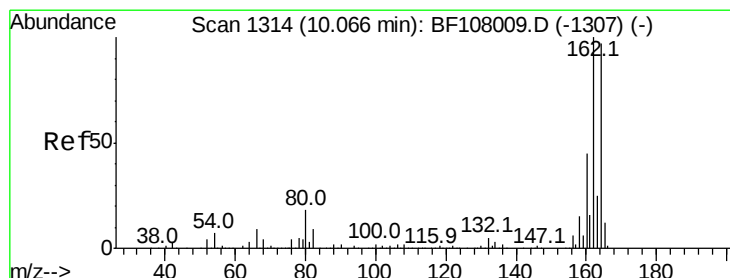
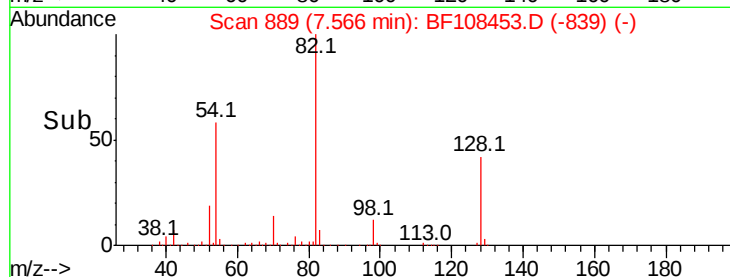
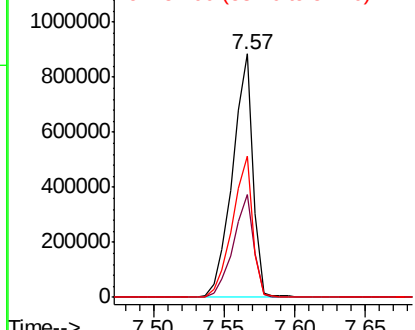
#23
Nitrobenzene-d5
Concen: 94.125 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108453.D
Acq: 24 Aug 2018 6:52

Instrument :
BNA_F
ClientSampleId :
082018-DBRI-E-U-B

Tot Ion: 82 Resp: 892490
Ion Ratio Lower Upper
82 100
128 42.1 36.1 54.1
54 58.0 41.4 62.2

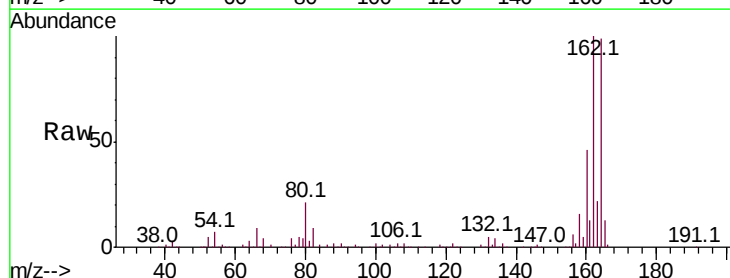


Abundance Ion 82.00 (81.70 to 82.70): BF1
1200000
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

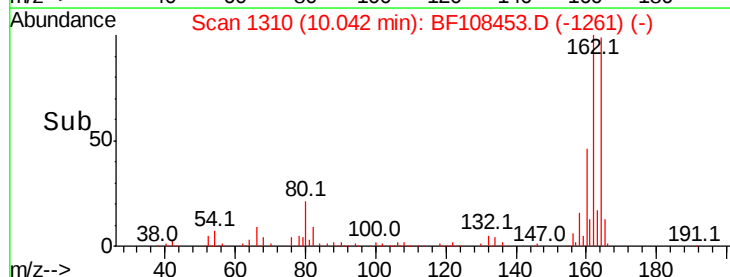
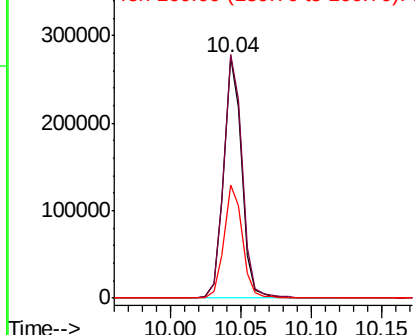


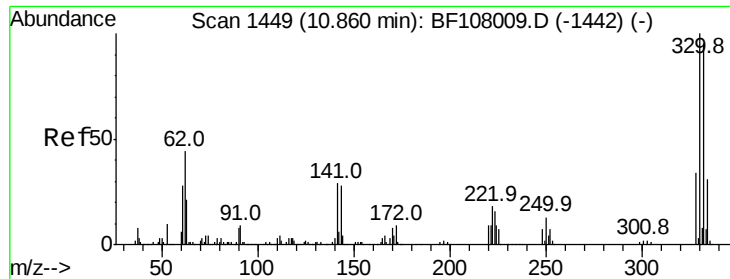
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108453.D
Acq: 24 Aug 2018 6:52

Tgt Ion:164 Resp: 245631
Ion Ratio Lower Upper
164 100
162 101.1 86.1 129.1
160 46.9 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

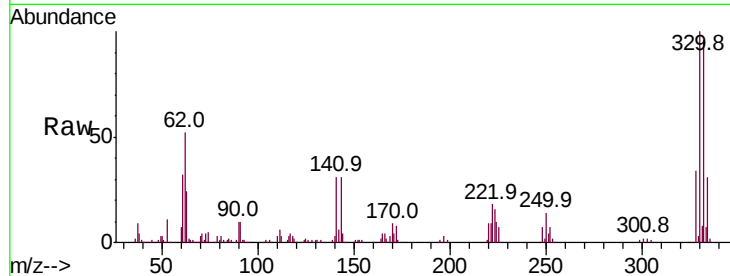




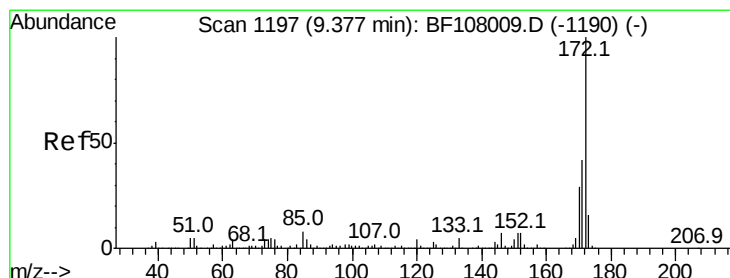
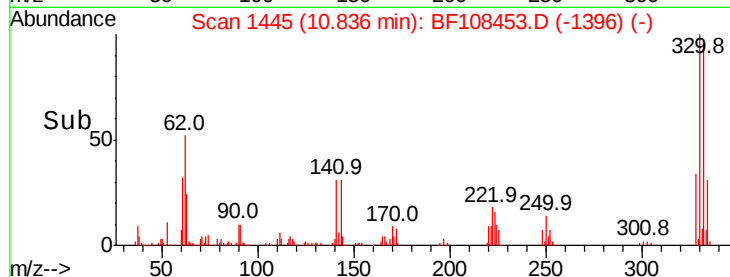
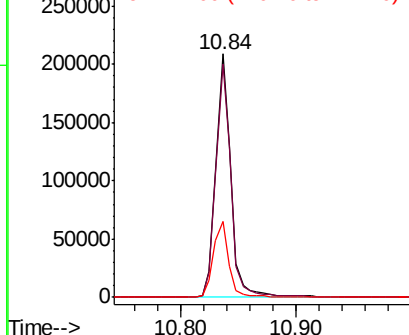
#41
 2,4,6-Tribromophenol
 Concen: 77.168 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108453.D
 Acq: 24 Aug 2018 6:52

Instrument :
 BNA_F
 ClientSampleId :
 082018-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	32.2	29.9	44.9

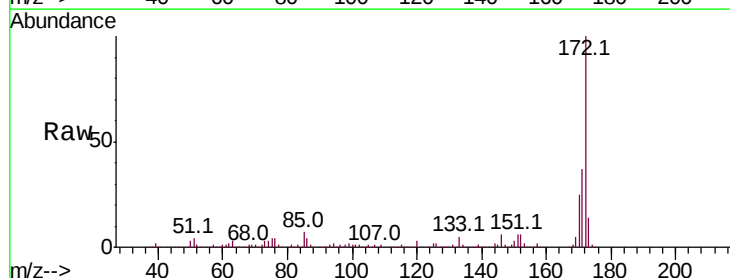


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

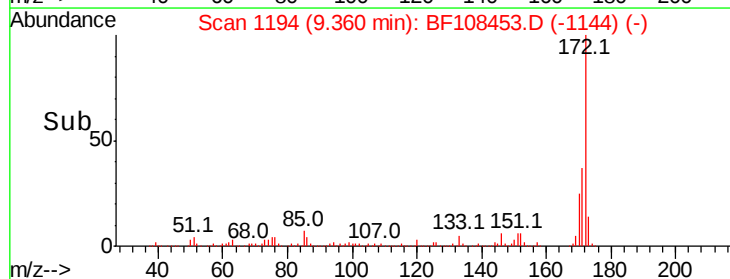
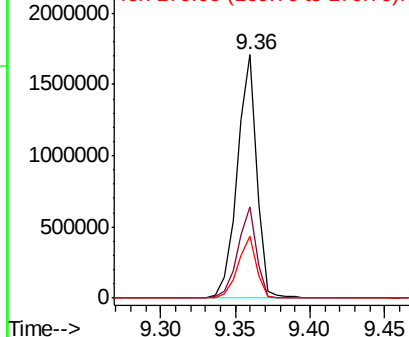


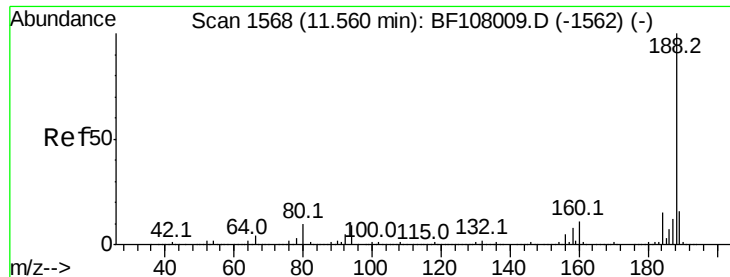
#44
 2-Fluorobiphenyl
 Concen: 102.402 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108453.D
 Acq: 24 Aug 2018 6:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	25.4	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

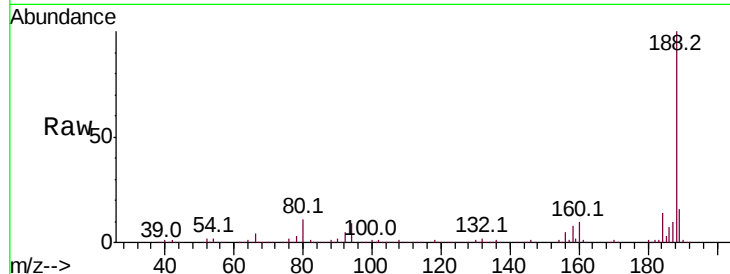




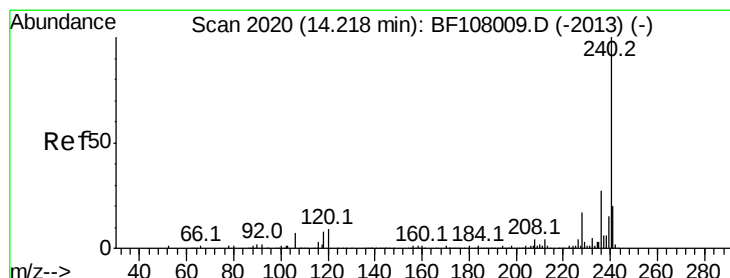
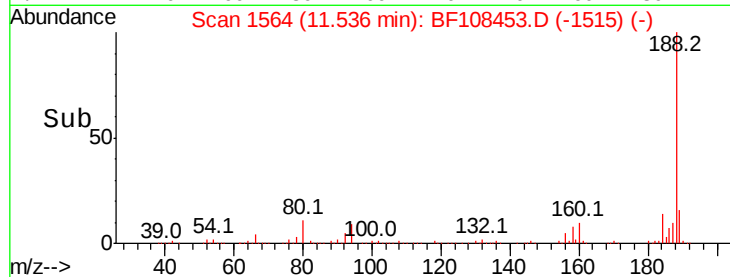
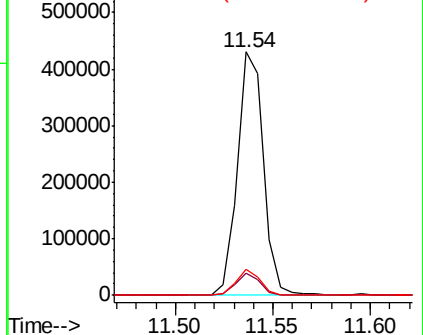
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108453.D
Acq: 24 Aug 2018 6:52

Instrument :
BNA_F
ClientSampleId :
082018-DBRI-E-U-B

Tot Ion:188 Resp: 398131
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 10.5 9.2 13.8

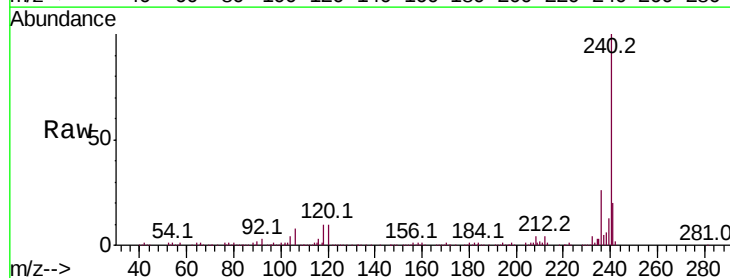


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

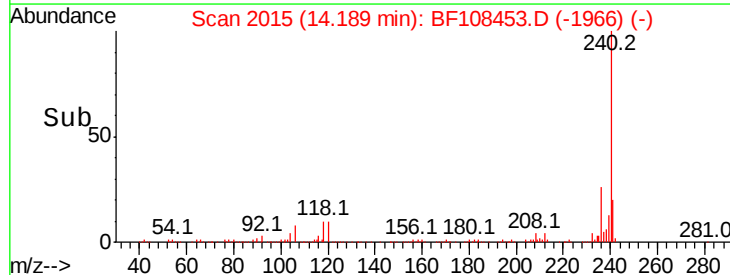
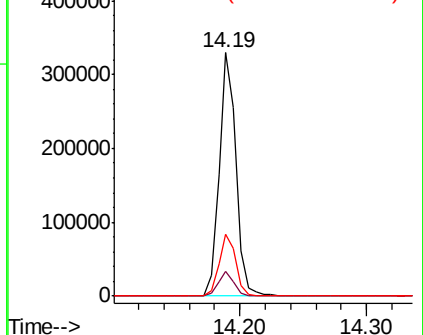


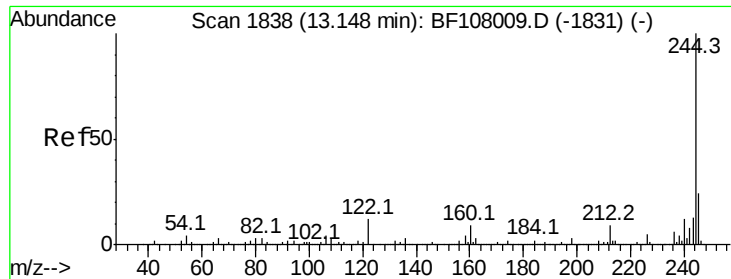
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108453.D
Acq: 24 Aug 2018 6:52

Tgt Ion:240 Resp: 307005
Ion Ratio Lower Upper
240 100
120 10.2 9.5 14.3
236 25.7 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: 93.549 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108453.D

Acq: 24 Aug 2018 6:52

Instrument :

BNA_F

ClientSampleId :

082018-DBRI-E-U-B

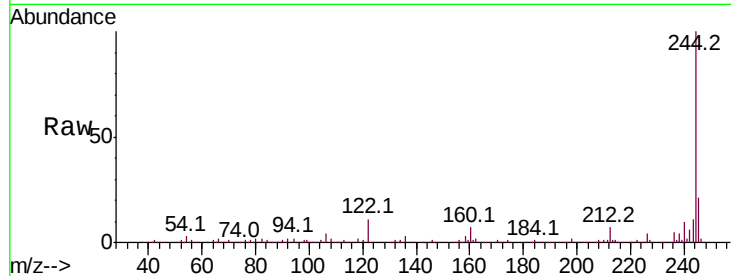
Tot Ion:244 Resp: 1129562

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

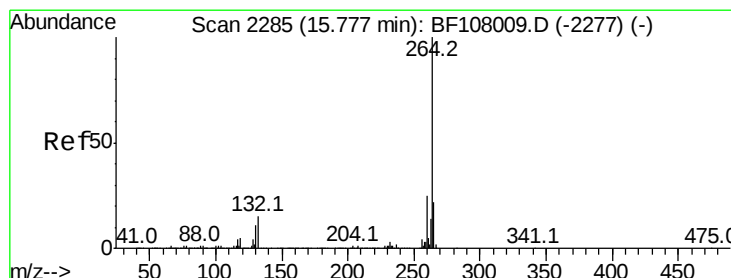
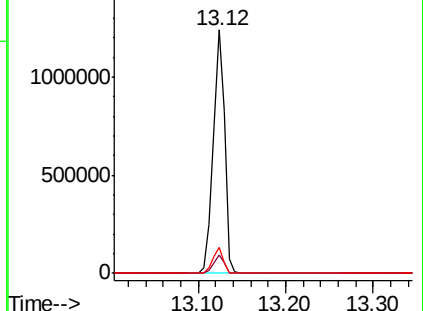
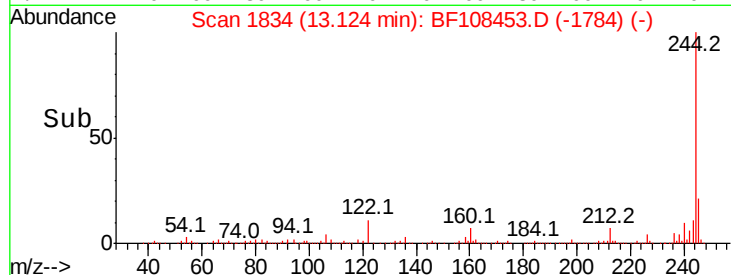
122 10.6 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF108453.D

Acq: 24 Aug 2018 6:52

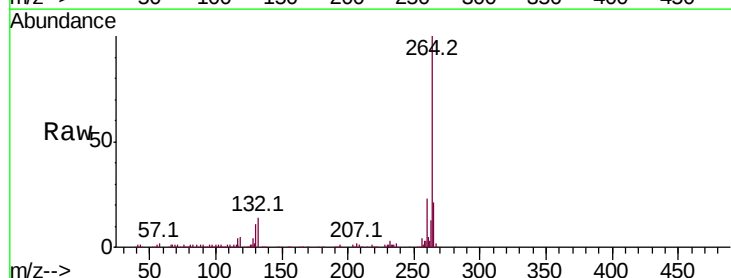
Tgt Ion:264 Resp: 267003

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 20.6 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

