

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108541.D
 Acq On : 28 Aug 2018 5:58
 Operator : JU/SJ
 Sample : J4659-14
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082218-DBRI-E-U-S

Quant Time: Aug 28 07:11:36 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

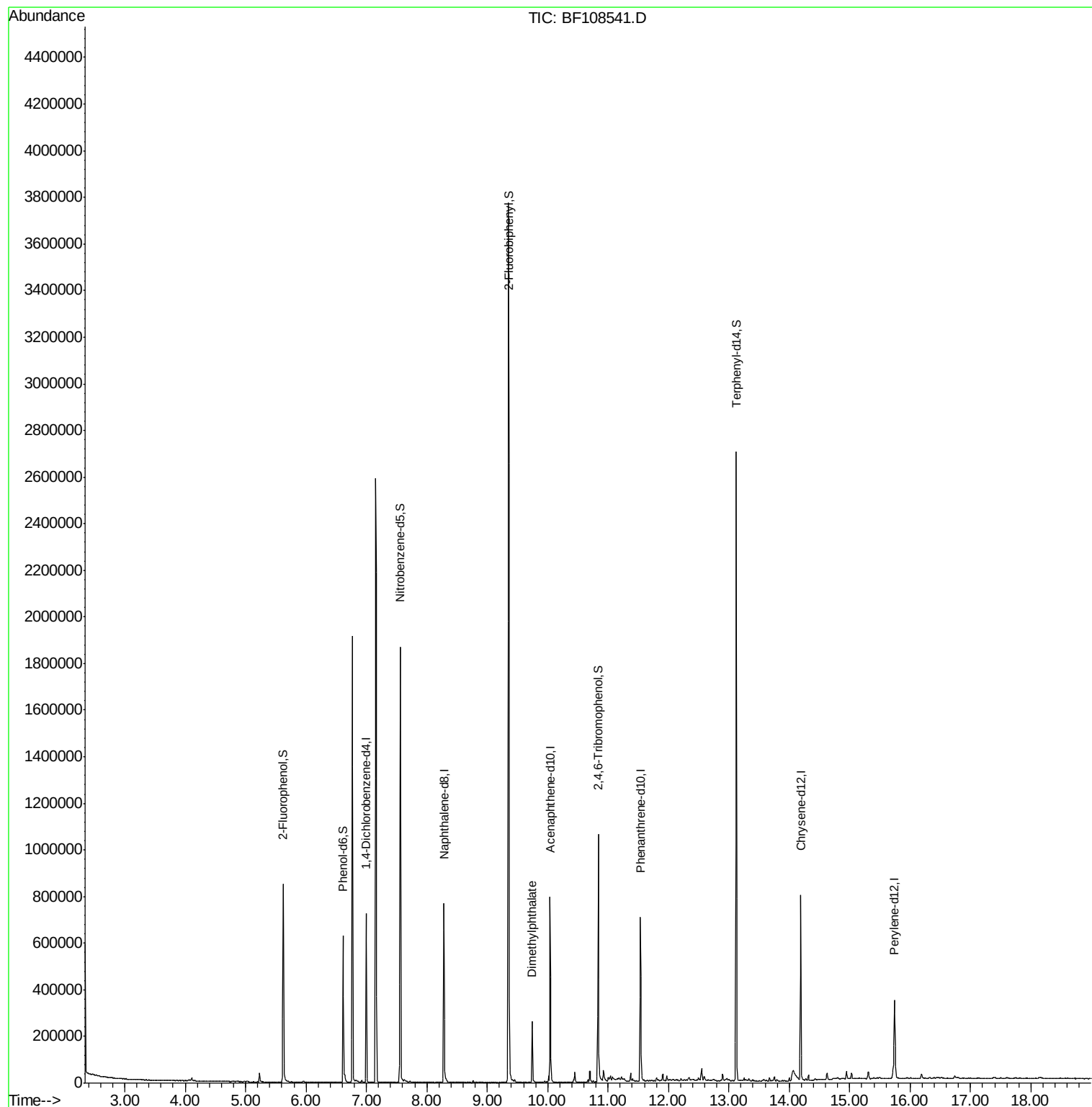
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	102362	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	356660	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	150821	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	256681	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	260199	20.00	ng	-0.01
86) Perylene-d12	15.74	264	178620	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	230615	40.79	ng	0.00
7) Phenol-d6	6.61	99	181197	24.12	ng	-0.02
23) Nitrobenzene-d5	7.56	82	649872	101.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	135729	90.22	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1167526	124.28	ng	-0.01
78) Terphenyl-d14	13.12	244	967702	94.56	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.74	163	114857	10.933	ng	Qvalue 99

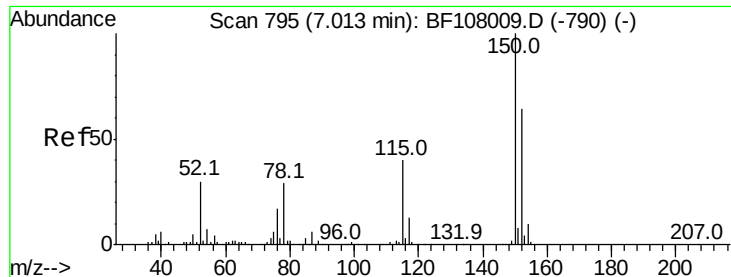
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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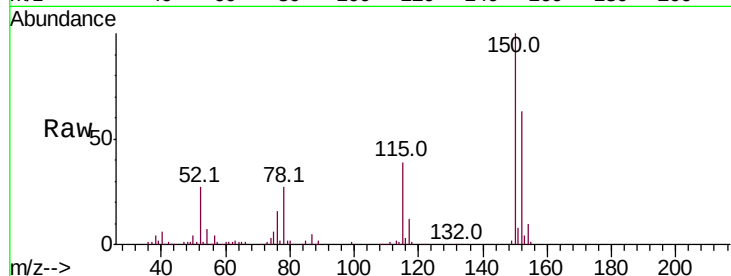


#1

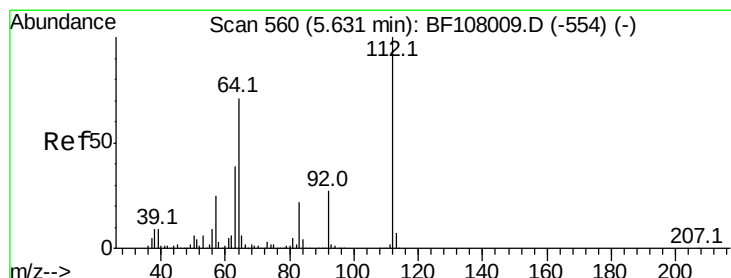
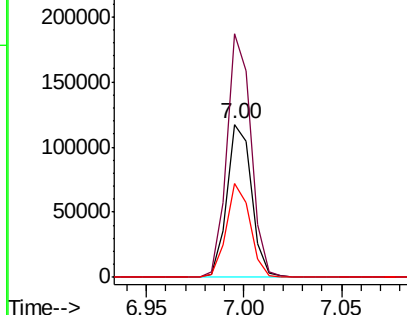
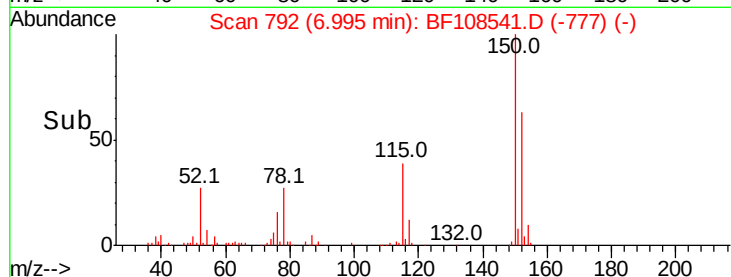
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108541.D
Acq: 28 Aug 2018 5:58

Instrument :
BNA_F
ClientSampleId :
082218-DBRI-E-U-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	61.5	50.1	75.1



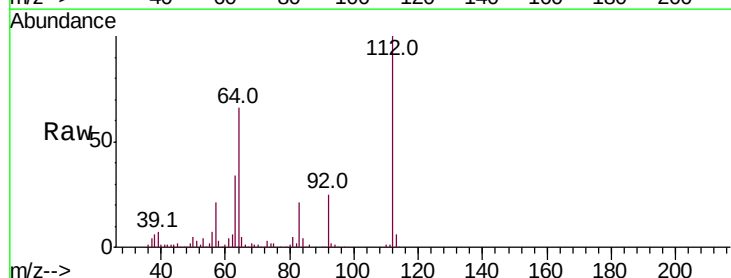
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



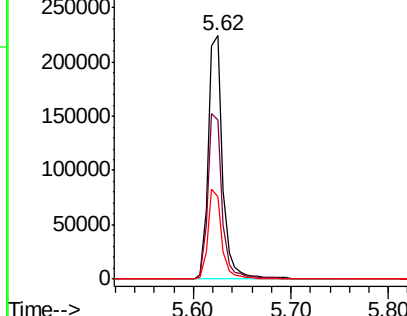
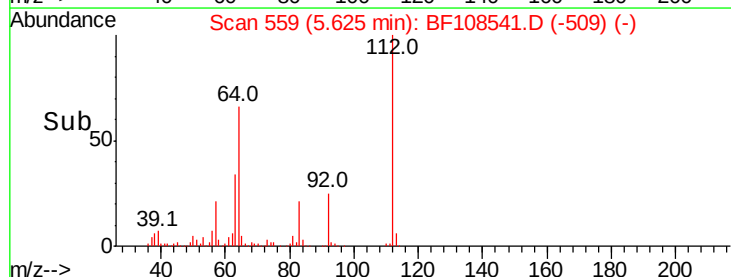
#5

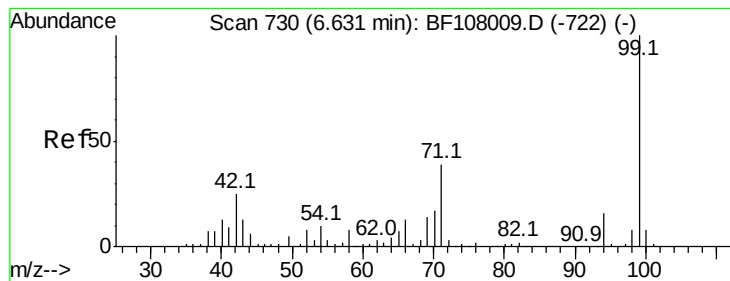
2-Fluorophenol
Concen: 40.788 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108541.D
Acq: 28 Aug 2018 5:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	47.9	71.9
63	33.8	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: 24.117 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108541.D

Acq: 28 Aug 2018 5:58

Instrument :

BNA_F

ClientSampleId :

082218-DBRI-E-U-S

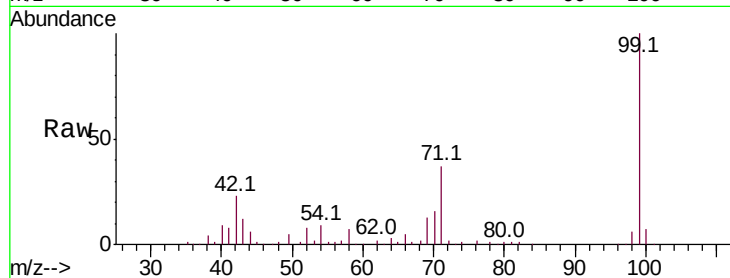
Tot Ion: 99 Resp: 181197

Ion Ratio Lower Upper

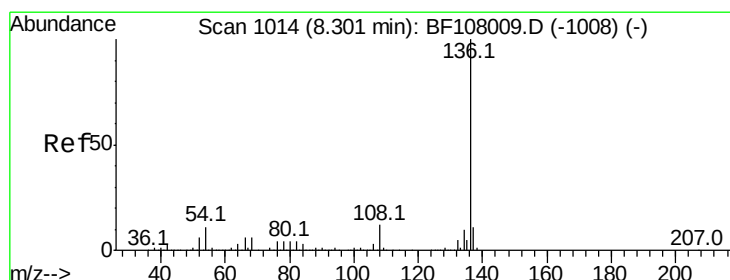
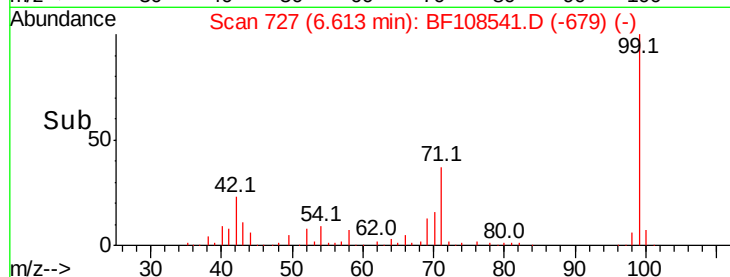
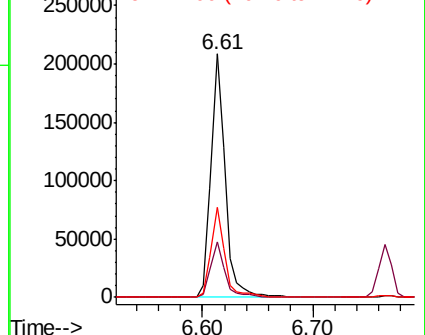
99 100

42 22.7 14.5 21.7#

71 36.8 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: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108541.D

Acq: 28 Aug 2018 5:58

Tgt Ion: 136 Resp: 356660

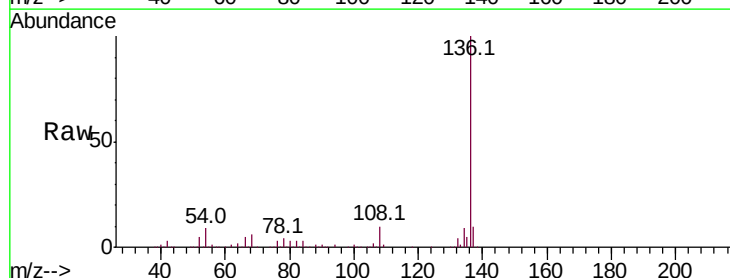
Ion Ratio Lower Upper

136 100

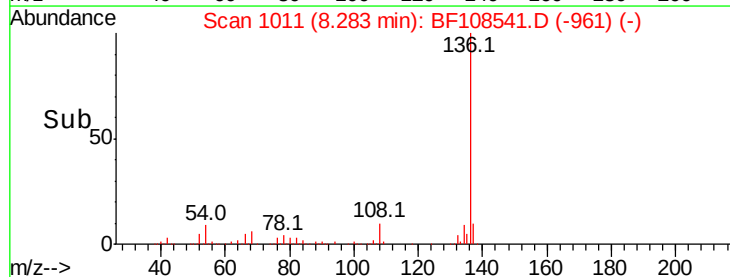
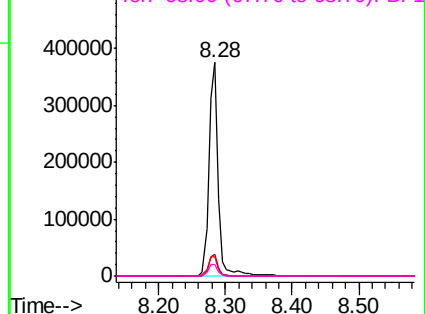
137 10.4 8.9 13.3

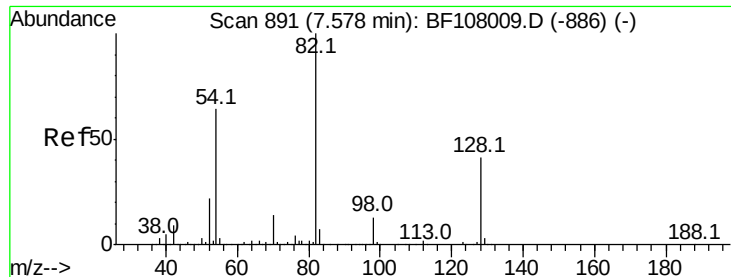
54 8.9 6.6 9.8

68 5.7 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: 101.676 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF108541.D

Acq: 28 Aug 2018 5:58

Instrument :

BNA_F

ClientSampleId :

082218-DBRI-E-U-S

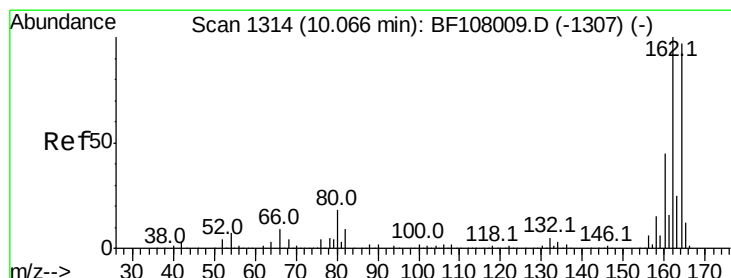
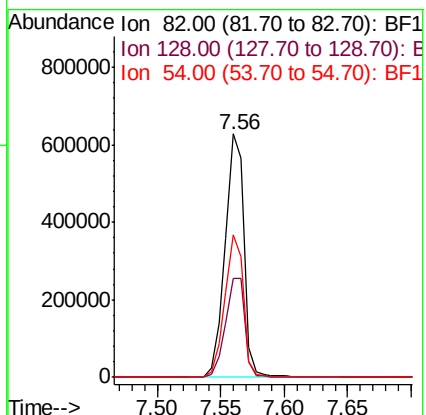
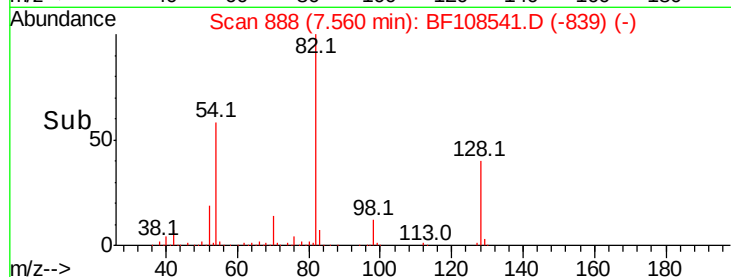
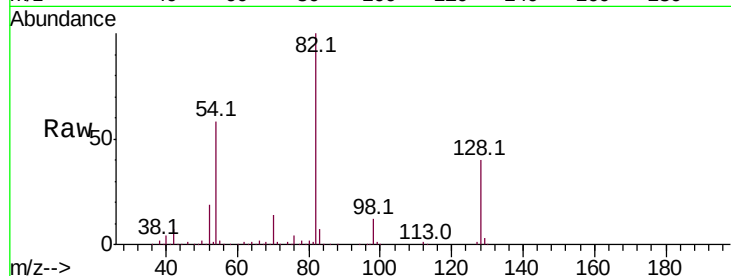
Tot Ion: 82 Resp: 649872

Ion Ratio Lower Upper

82 100

128 40.5 36.1 54.1

54 58.5 41.4 62.2



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108541.D

Acq: 28 Aug 2018 5:58

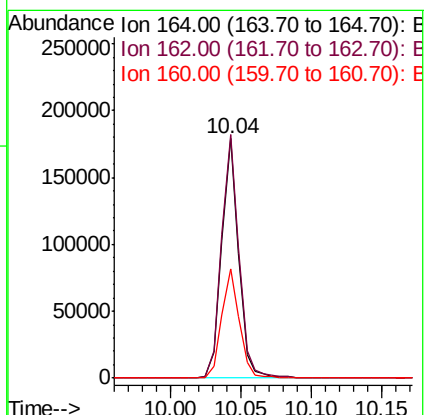
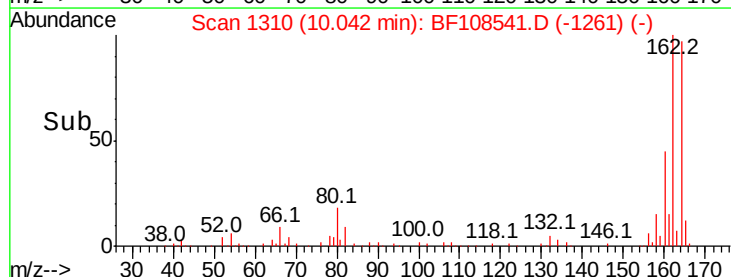
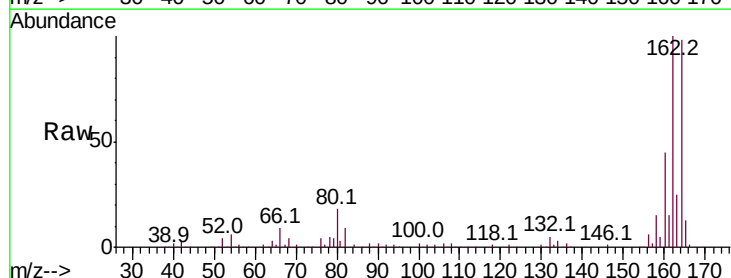
Tgt Ion: 164 Resp: 150821

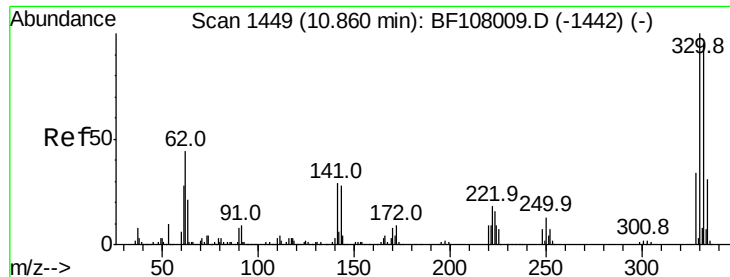
Ion Ratio Lower Upper

164 100

162 101.8 86.1 129.1

160 45.7 38.3 57.5

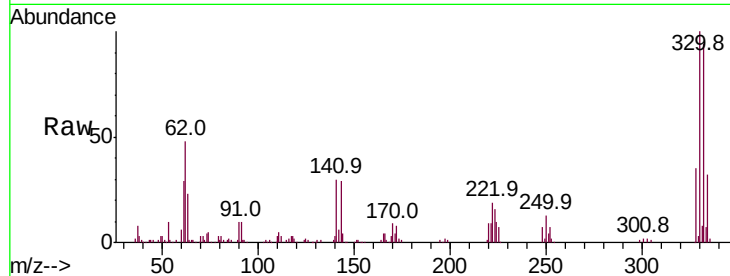




#41
 2,4,6-Tribromophenol
 Concen: 90.221 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108541.D
 Acq: 28 Aug 2018 5:58

Instrument :
 BNA_F
 ClientSampleId :
 082218-DBRI-E-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	33.1	29.9	44.9

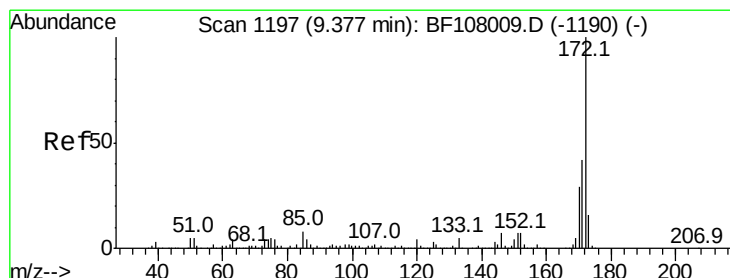
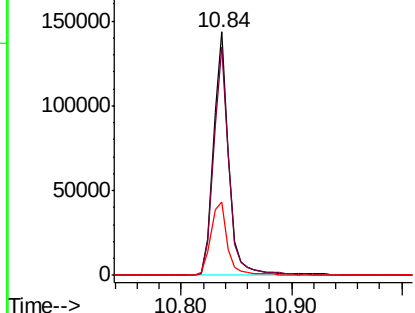
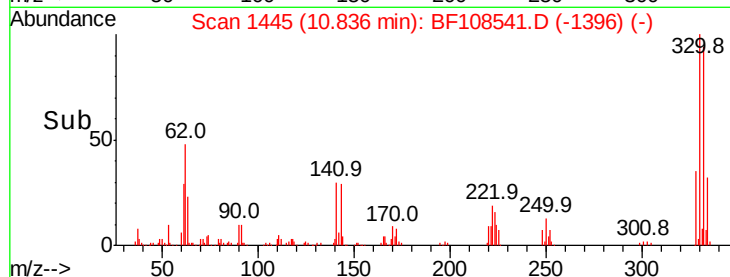


Abundance

Ion 329.80 (329.50 to 330.50): E

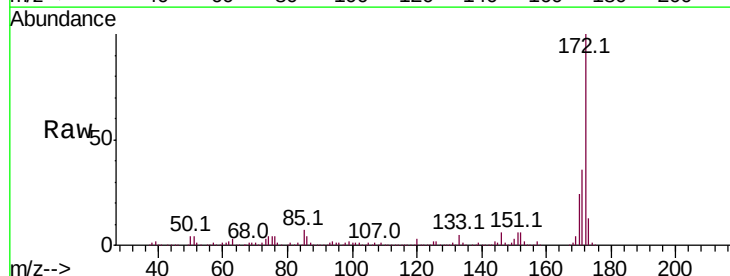
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 124.282 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108541.D
 Acq: 28 Aug 2018 5:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.1	19.6	29.4

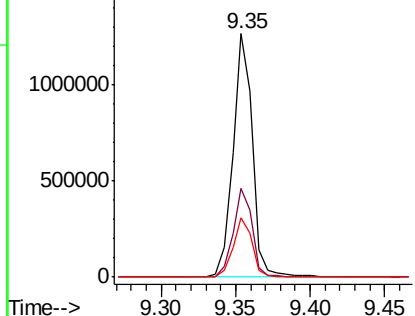
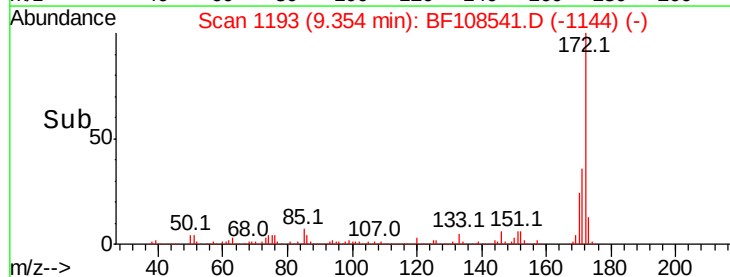


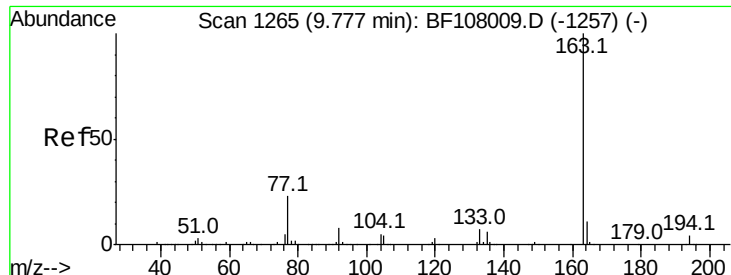
Abundance

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: 10.933 ng

RT: 9.74 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF108541.D

Acq: 28 Aug 2018 5:58

Instrument :

BNA_F

ClientSampleId :

082218-DBRI-E-U-S

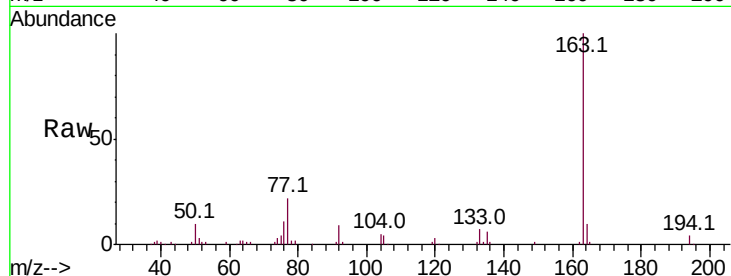
Tot Ion:163 Resp: 114857

Ion Ratio Lower Upper

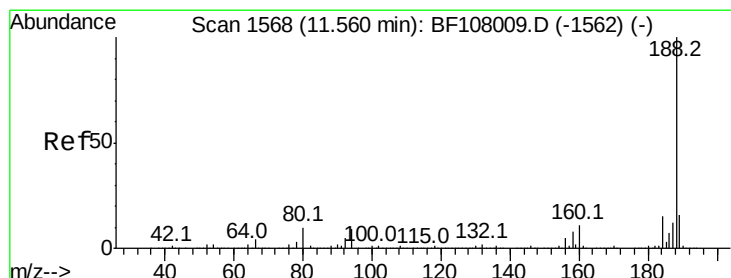
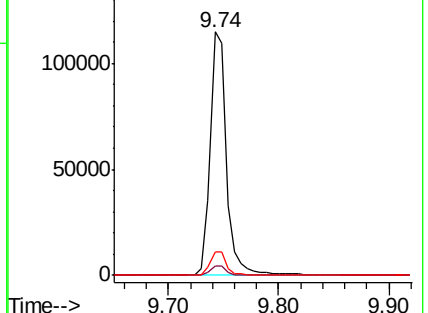
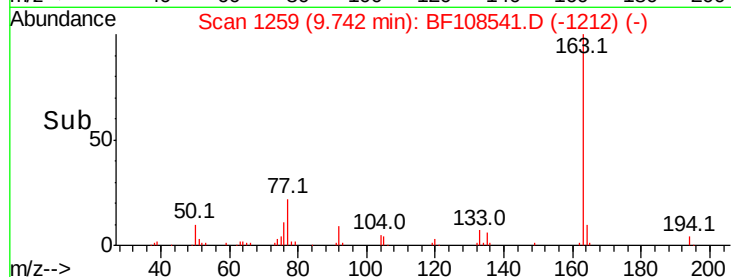
163 100

194 3.8 2.7 4.1

164 9.8 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: 11.54 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF108541.D

Acq: 28 Aug 2018 5:58

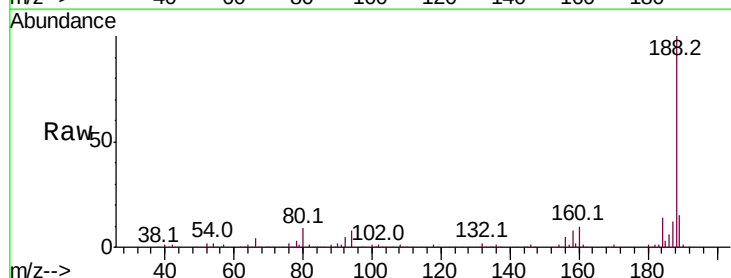
Tgt Ion:188 Resp: 256681

Ion Ratio Lower Upper

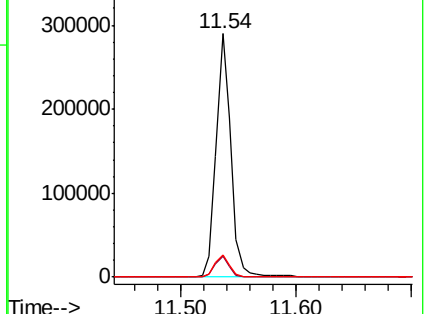
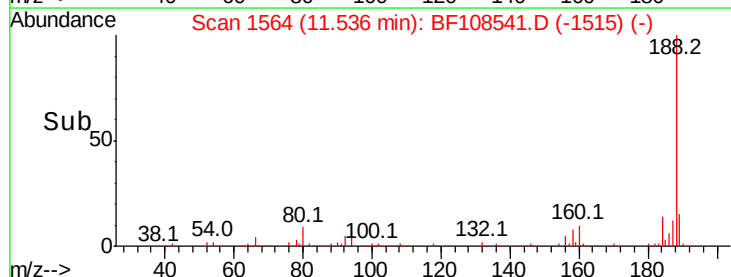
188 100

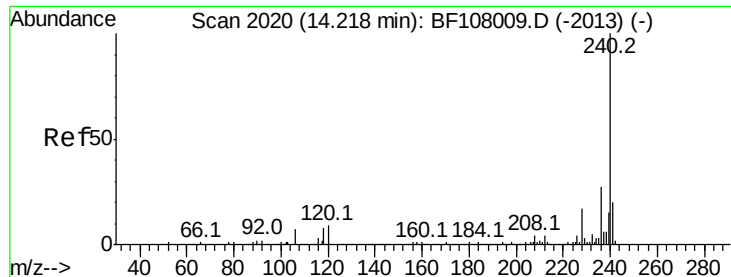
94 8.5 8.5 12.7#

80 9.2 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: BF108541.D

Acq: 28 Aug 2018 5:58

Instrument :

BNA_F

ClientSampleId :

082218-DBRI-E-U-S

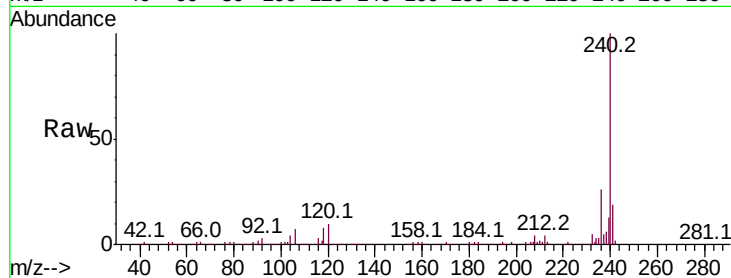
Tot Ion:240 Resp: 260199

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

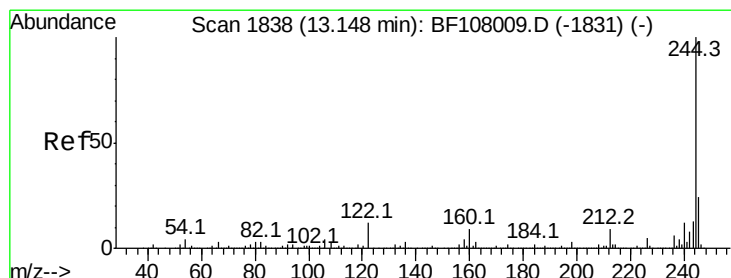
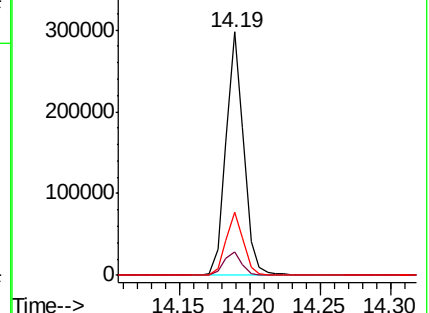
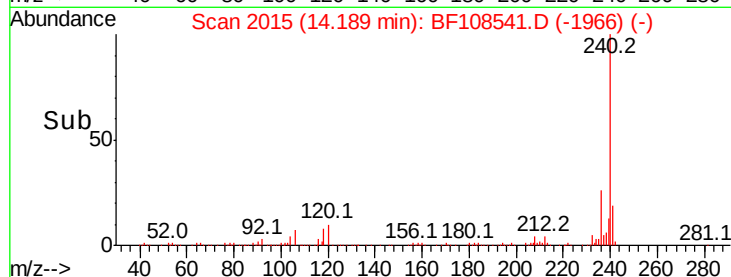
236 26.0 20.7 31.1



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: 94.560 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108541.D

Acq: 28 Aug 2018 5:58

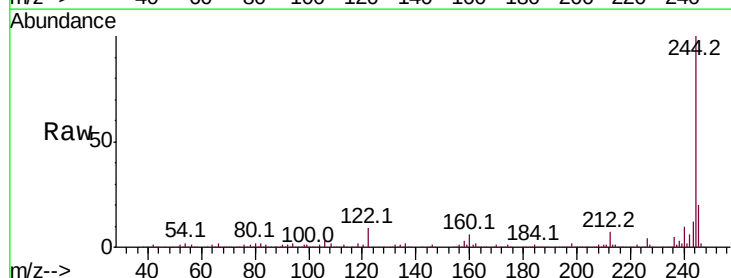
Tgt Ion:244 Resp: 967702

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

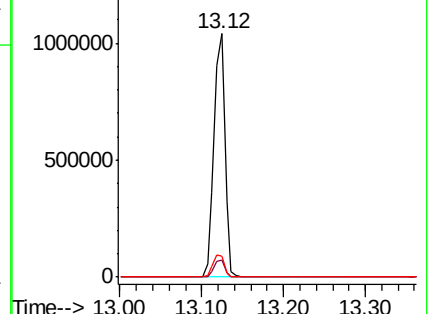
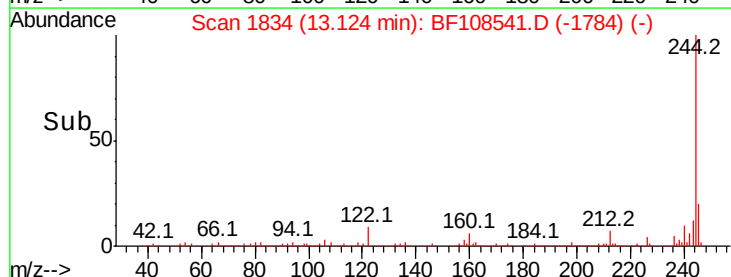
122 8.5 11.0 16.4#

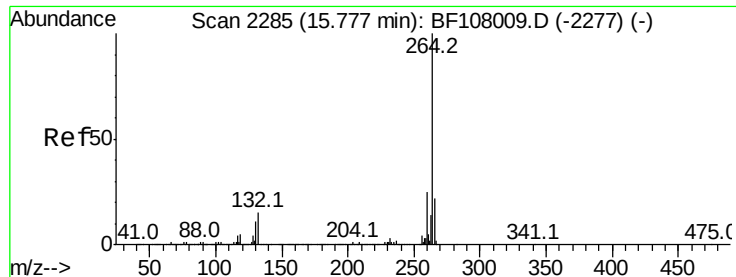


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.74 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF108541.D
Acq: 28 Aug 2018 5:58

Instrument :
BNA_F
ClientSampleId :
082218-DBRI-E-U-S

Tot Ion:	264	Resp:	178620
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.5	17.5	26.3

