

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
 Data File : BF108587.D
 Acq On : 29 Aug 2018 6:05
 Operator : JU/SJ
 Sample : J4656-10
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082418-DBRI-F-U-B

Quant Time: Aug 29 08:18:42 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

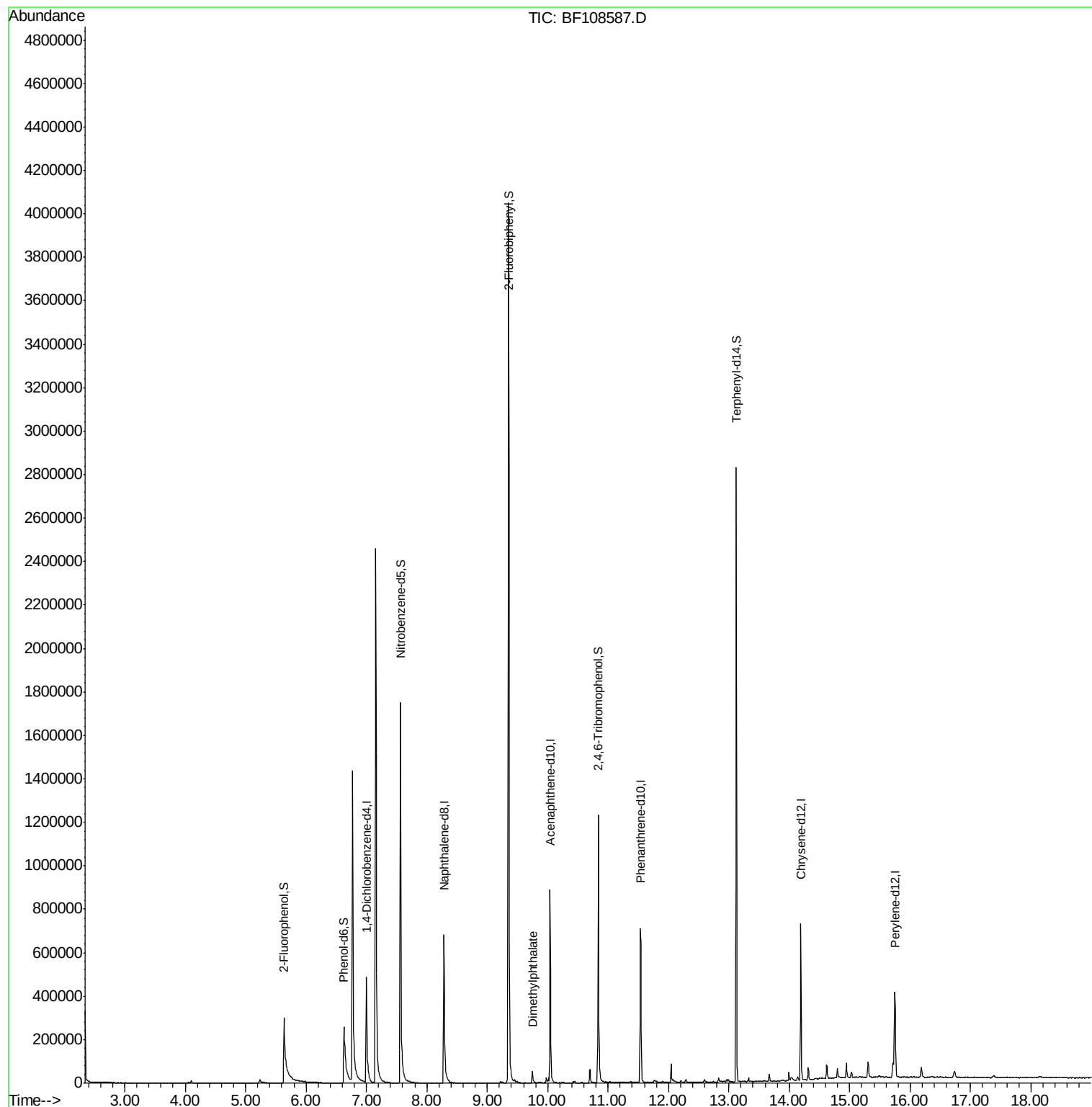
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	110524	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	413650	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	187003	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	301306	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	272407	20.00	ng	-0.01
86) Perylene-d12	15.75	264	212333	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	227495	37.27	ng	0.00
7) Phenol-d6	6.62	99	216044	26.63	ng	0.00
23) Nitrobenzene-d5	7.57	82	742592	100.18	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	165925	88.95	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1353788	116.23	ng	-0.01
78) Terphenyl-d14	13.12	244	963904	89.97	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.75	163	32183	2.471	ng	Qvalue # 99

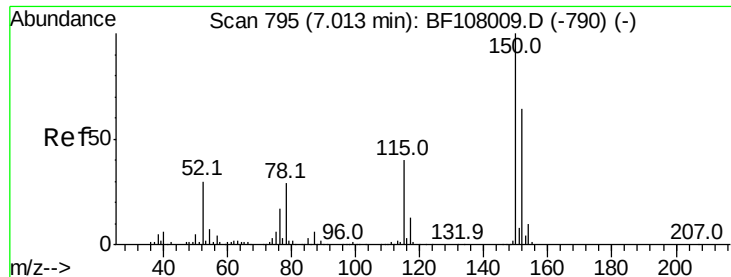
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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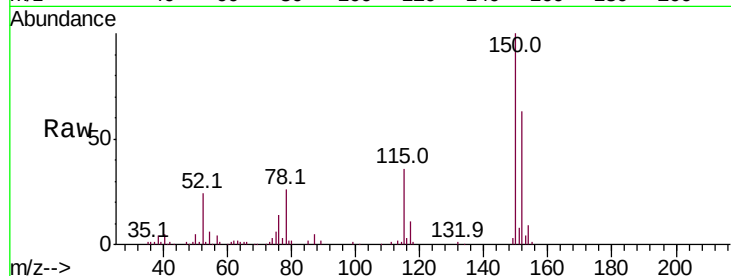


#1

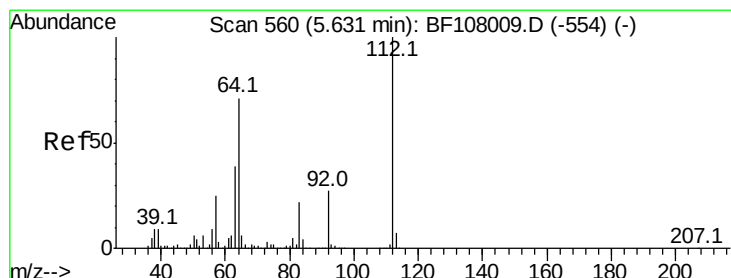
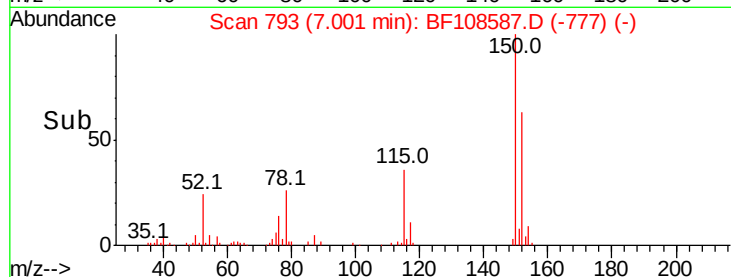
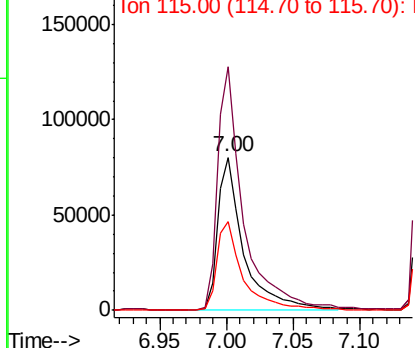
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108587.D
Acq: 29 Aug 2018 6:05

Instrument :
BNA_F
ClientSampleId :
082418-DBRI-F-U-B

Tot Ion:152 Resp: 110524
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 58.0 50.1 75.1



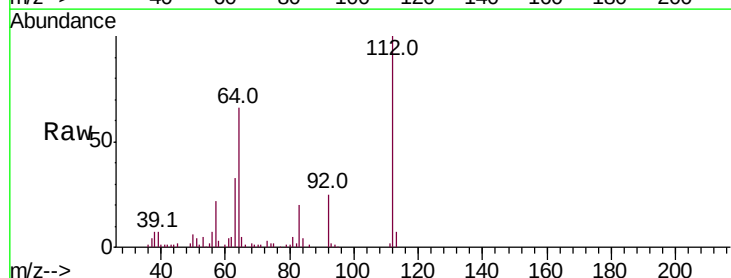
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



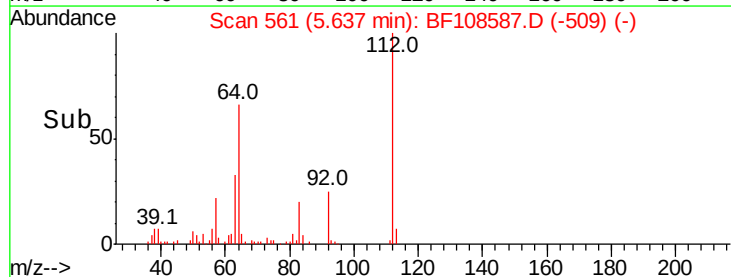
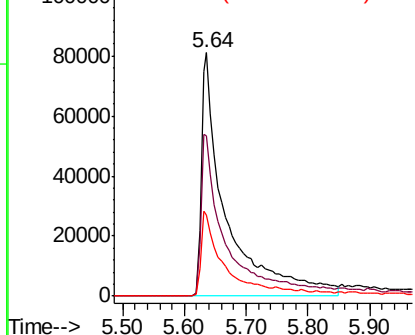
#5

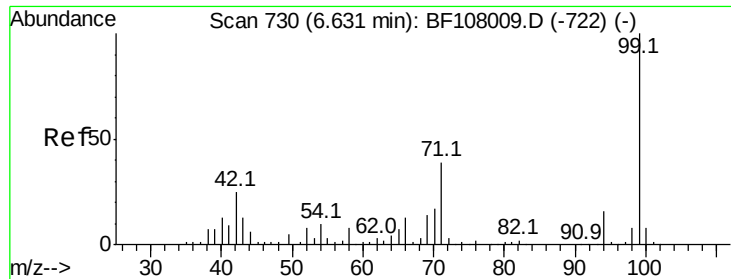
2-Fluorophenol
Concen: 37.265 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108587.D
Acq: 29 Aug 2018 6:05

Tgt Ion:112 Resp: 227495
Ion Ratio Lower Upper
112 100
64 66.1 47.9 71.9
63 33.3 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: 26.631 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108587.D

Acq: 29 Aug 2018 6:05

Instrument :

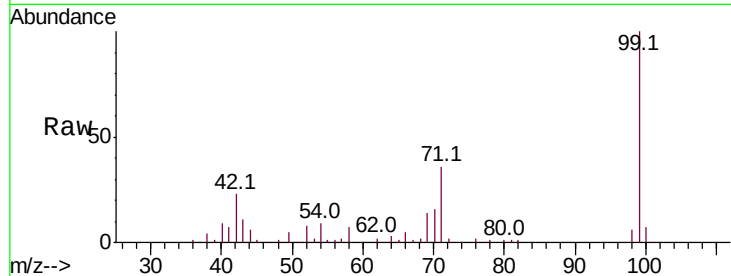
BNA_F

ClientSampleId :

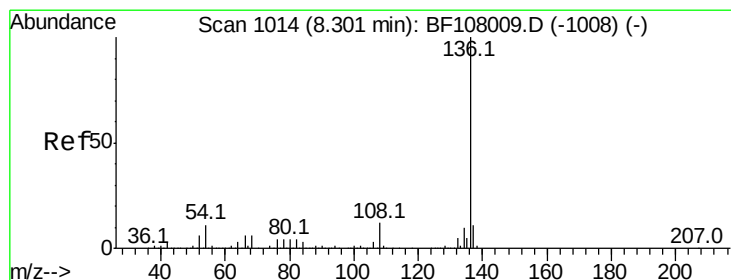
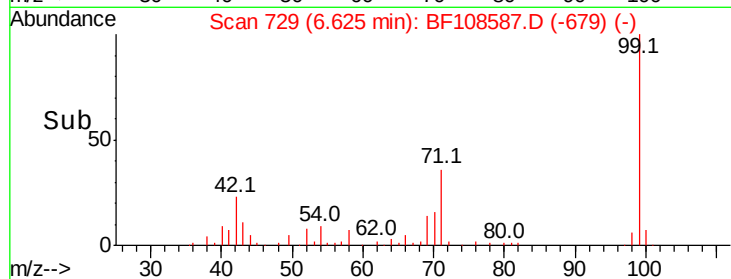
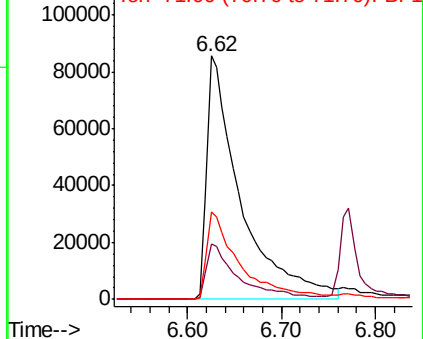
082418-DBRI-F-U-B

Tot Ion: 99 Resp: 216044

Ion	Ratio	Lower	Upper
99	100		
42	22.6	14.5	21.7#
71	35.9	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

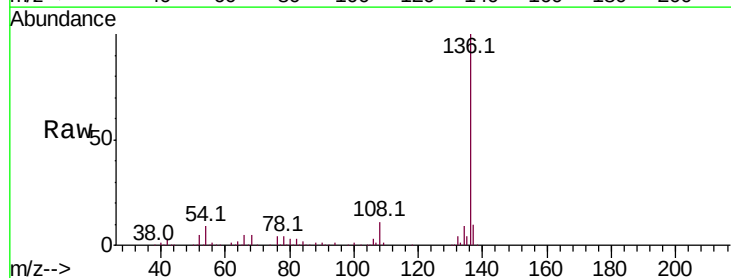
Delta R.T. -0.01 min

Lab File: BF108587.D

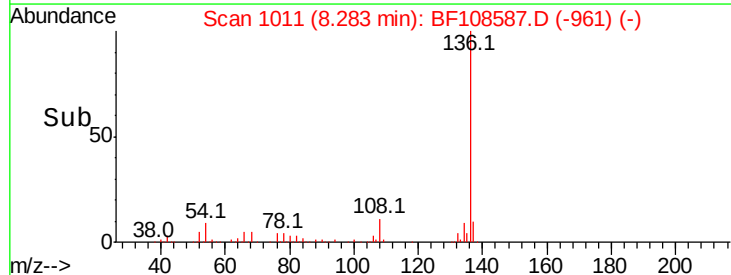
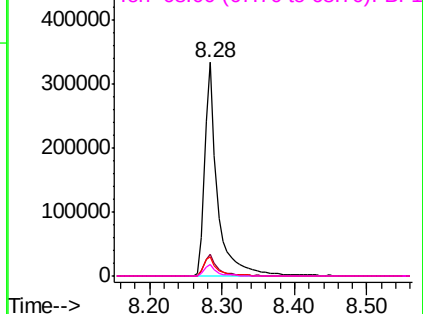
Acq: 29 Aug 2018 6:05

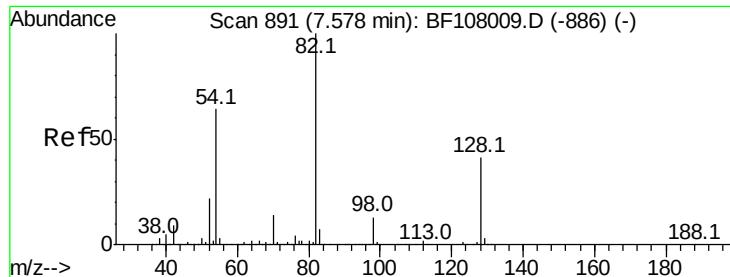
Tgt Ion: 136 Resp: 413650

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	9.2	6.6	9.8
68	5.4	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: 100.176 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF108587.D

Acq: 29 Aug 2018 6:05

Instrument :

BNA_F

ClientSampleId :

082418-DBRI-F-U-B

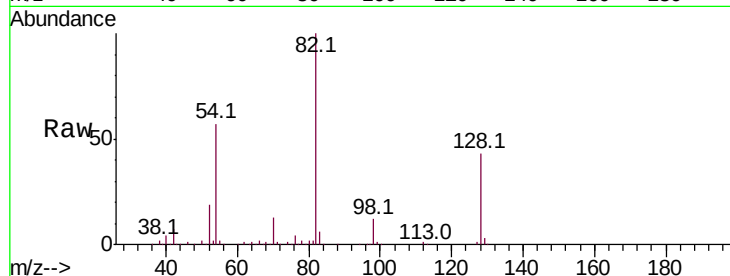
Tot Ion: 82 Resp: 742592

Ion Ratio Lower Upper

82 100

128 42.6 36.1 54.1

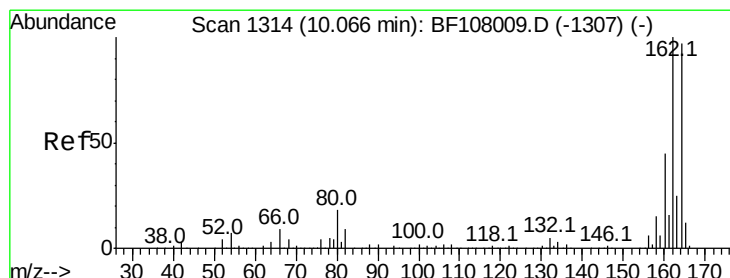
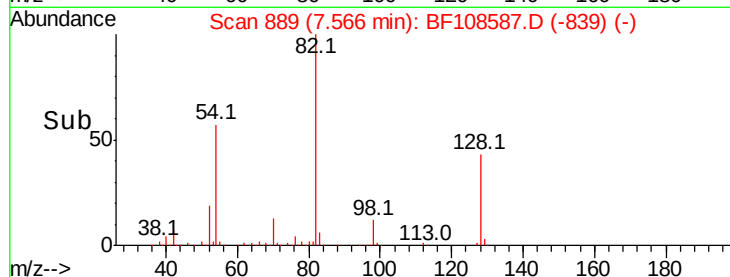
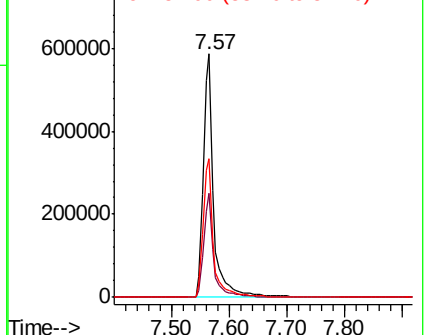
54 57.1 41.4 62.2



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: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108587.D

Acq: 29 Aug 2018 6:05

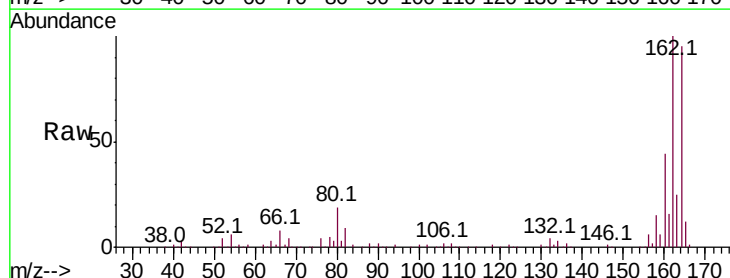
Tgt Ion:164 Resp: 187003

Ion Ratio Lower Upper

164 100

162 104.9 86.1 129.1

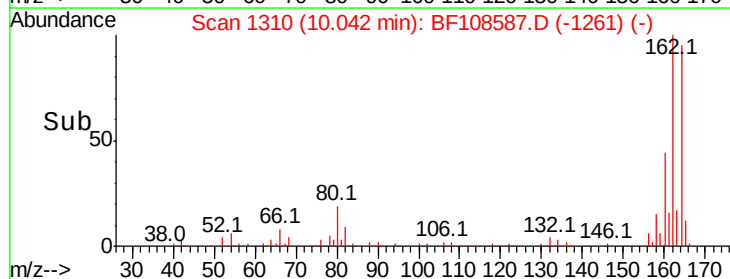
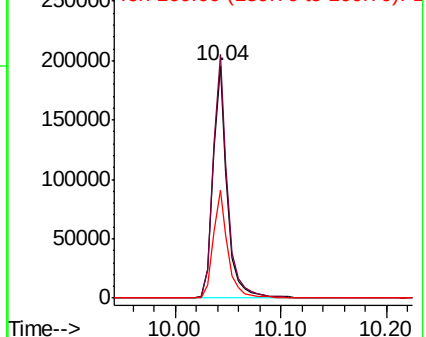
160 46.6 38.3 57.5

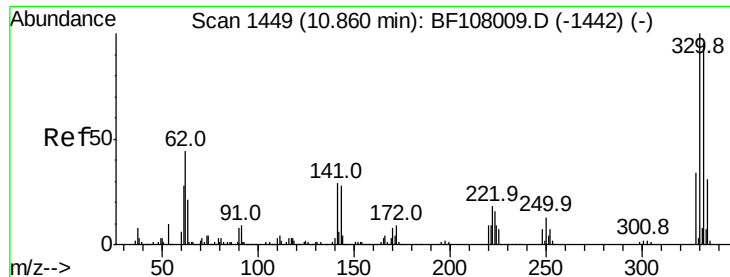


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

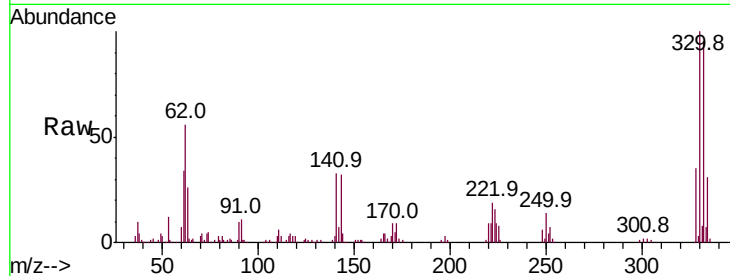




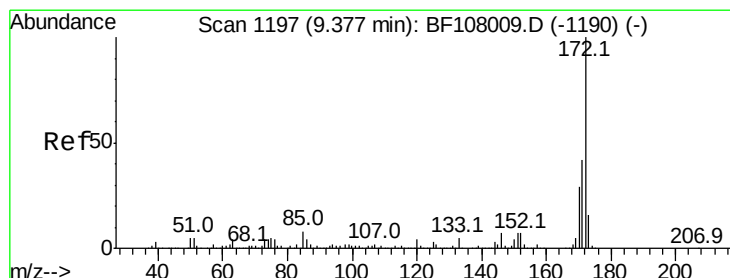
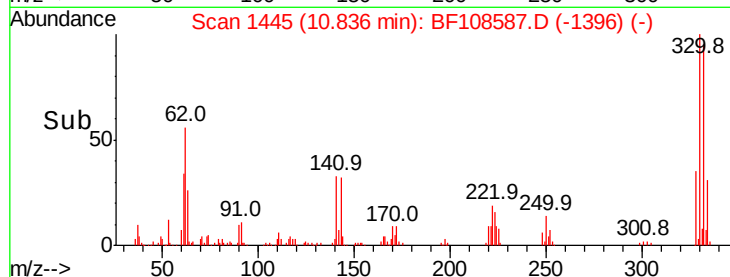
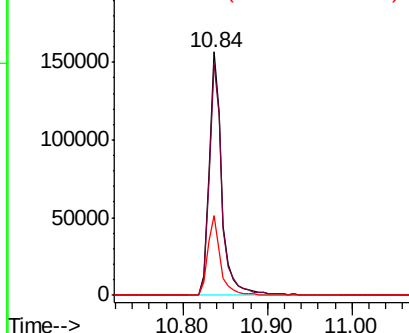
#41
 2,4,6-Tribromophenol
 Concen: 88.953 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108587.D
 Acq: 29 Aug 2018 6:05

Instrument :
 BNA_F
 ClientSampleId :
 082418-DBRI-F-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	32.2	29.9	44.9

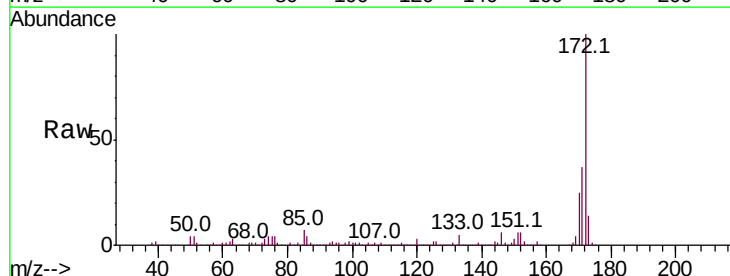


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

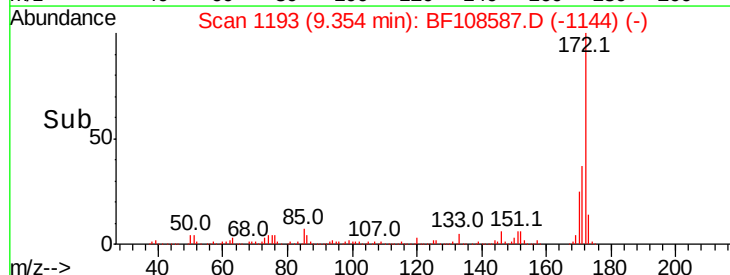
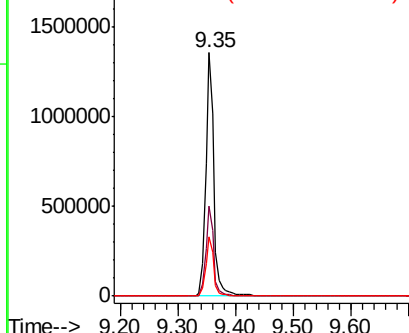


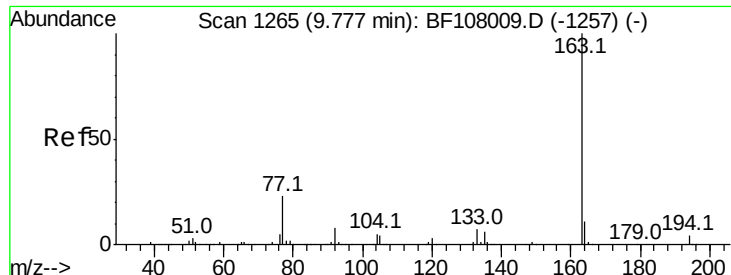
#44
 2-Fluorobiphenyl
 Concen: 116.226 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108587.D
 Acq: 29 Aug 2018 6:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.6	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: 2.471 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF108587.D

Acq: 29 Aug 2018 6:05

Instrument :

BNA_F

ClientSampleId :

082418-DBRI-F-U-B

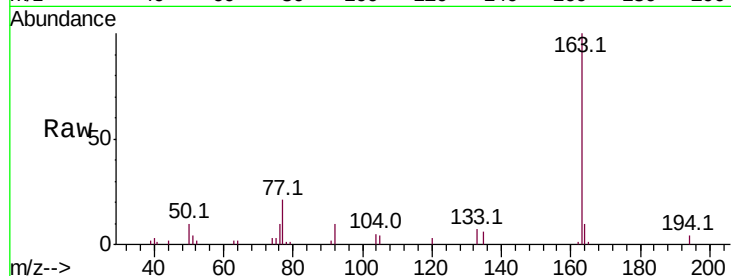
Tot Ion:163 Resp: 32183

Ion Ratio Lower Upper

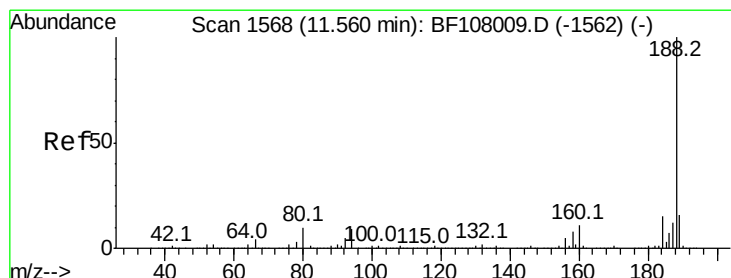
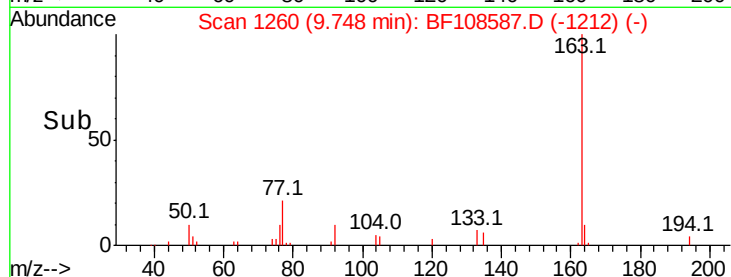
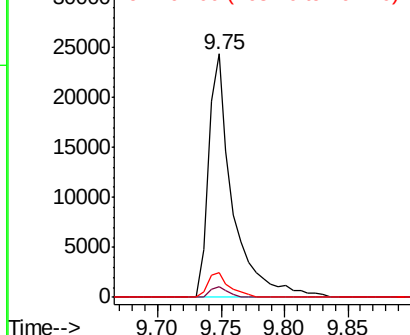
163 100

194 4.2 2.7 4.1#

164 10.4 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: BF108587.D

Acq: 29 Aug 2018 6:05

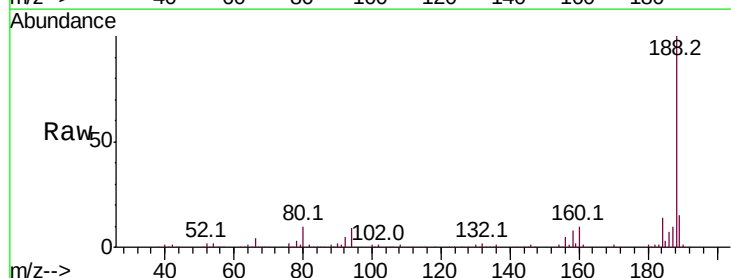
Tgt Ion:188 Resp: 301306

Ion Ratio Lower Upper

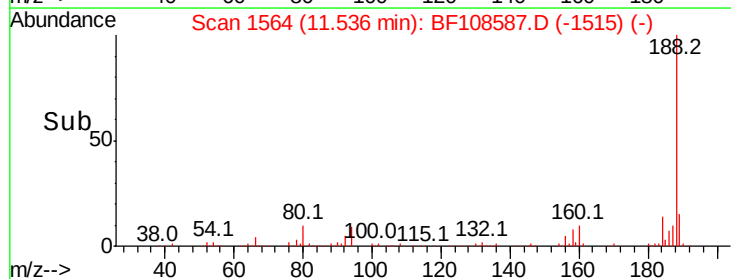
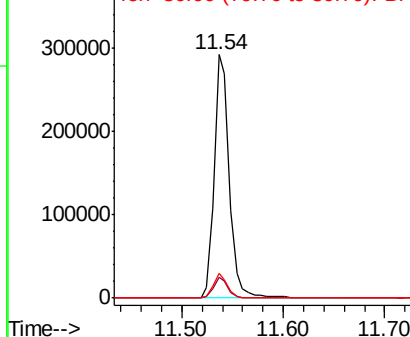
188 100

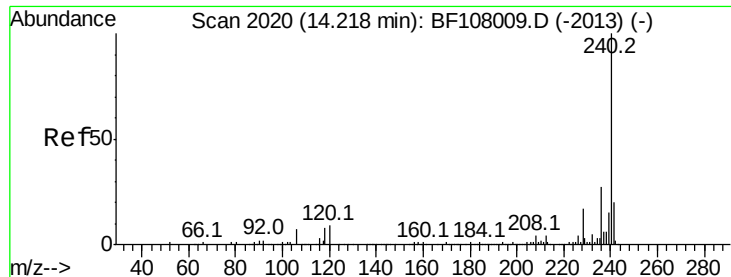
94 8.7 8.5 12.7

80 10.1 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: BF108587.D

Acq: 29 Aug 2018 6:05

Instrument :

BNA_F

ClientSampleId :

082418-DBRI-F-U-B

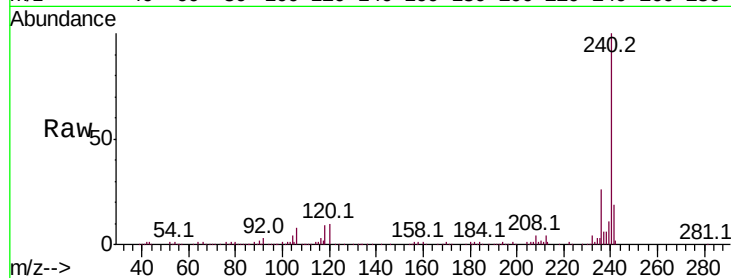
Tot Ion:240 Resp: 272407

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

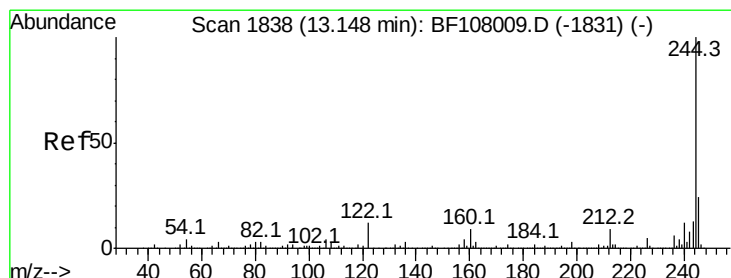
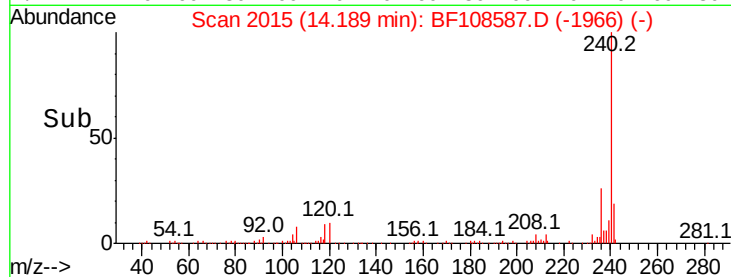
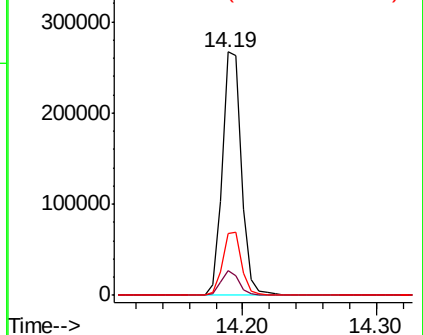
236 25.6 20.7 31.1



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: 89.968 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108587.D

Acq: 29 Aug 2018 6:05

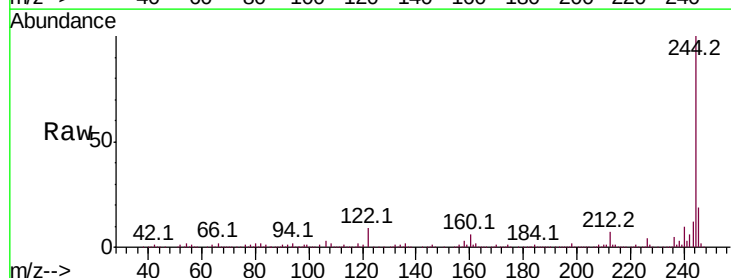
Tgt Ion:244 Resp: 963904

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

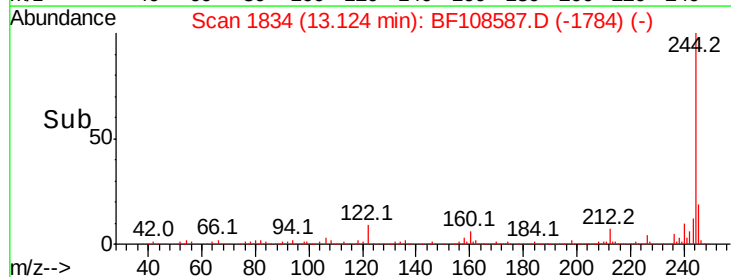
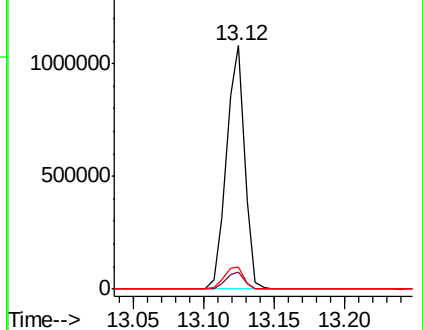
122 8.9 11.0 16.4#

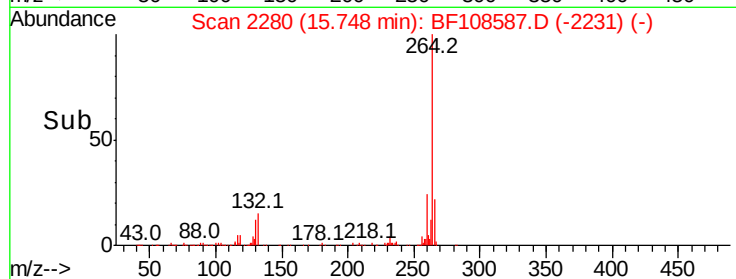
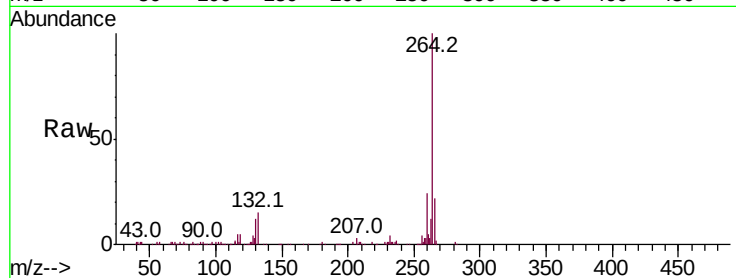
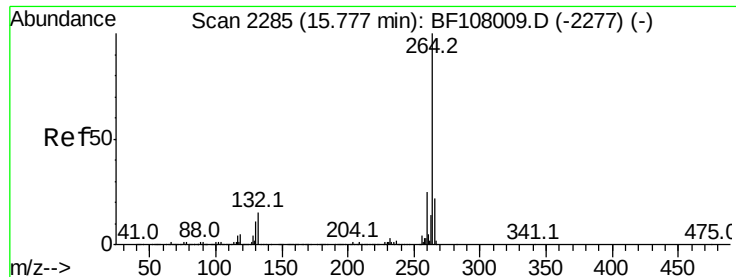


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.75 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF108587.D

Acq: 29 Aug 2018 6:05

Instrument :

BNA_F

ClientSampleId :

082418-DBRI-F-U-B

Tot Ion:264 Resp: 212333

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.7 17.5 26.3

