

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108538.D
 Acq On : 28 Aug 2018 4:36
 Operator : JU/SJ
 Sample : J4659-11
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

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

Quant Time: Aug 28 07:06:58 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

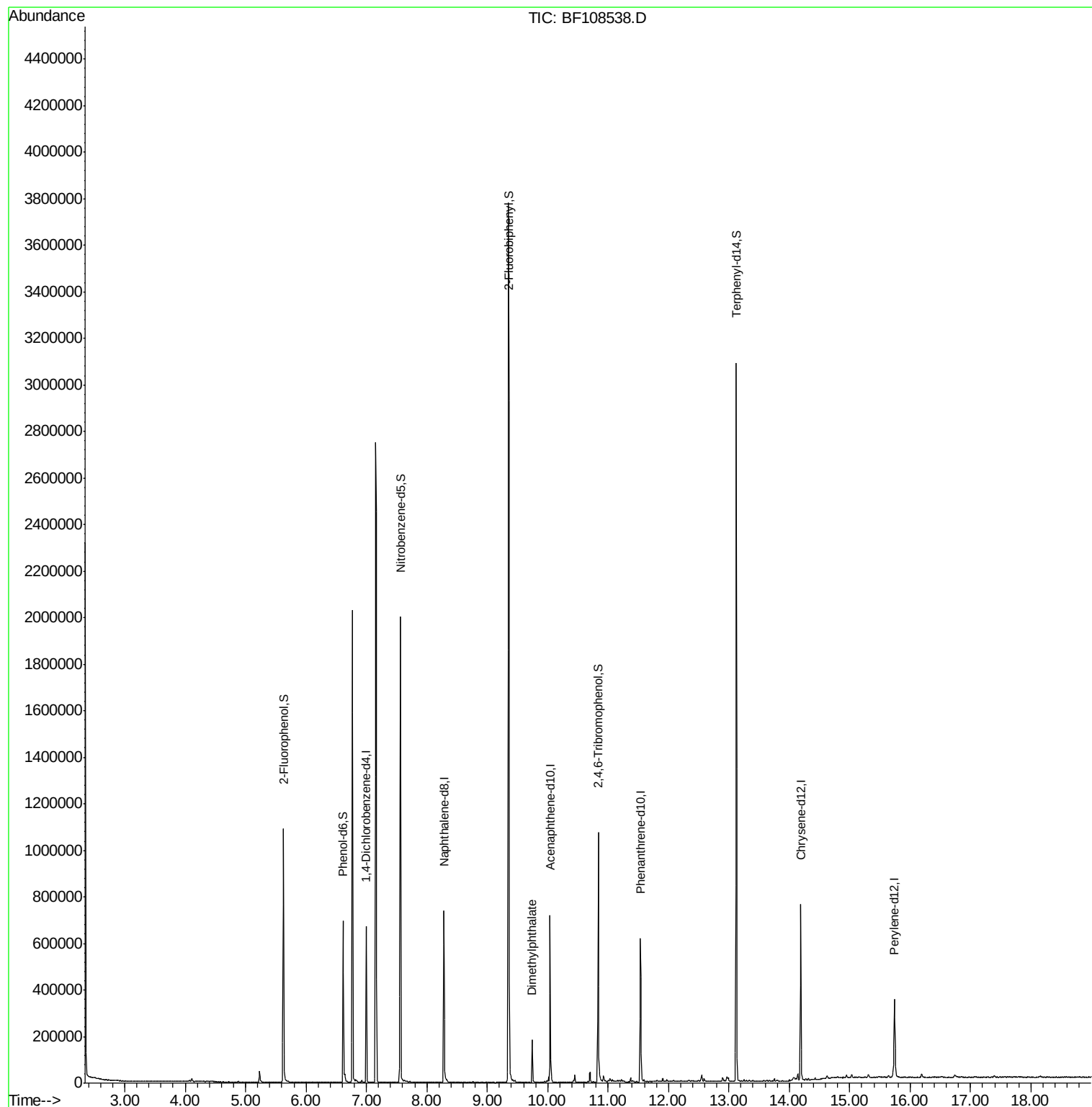
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	98515	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	335179	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	132247	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	227704	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	259502	20.00	ng	-0.01
86) Perylene-d12	15.74	264	174441	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	259702	47.73	ng	0.00
7) Phenol-d6	6.61	99	206875	28.61	ng	-0.02
23) Nitrobenzene-d5	7.57	82	697397	116.10	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	134953	102.30	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1193385	144.88	ng	-0.01
78) Terphenyl-d14	13.12	244	1049126	102.79	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.74	163	77122	8.372	ng	99

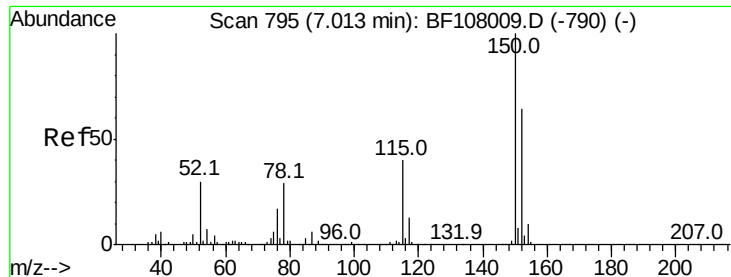
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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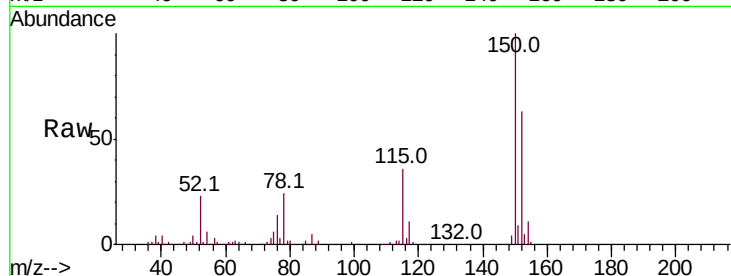


#1

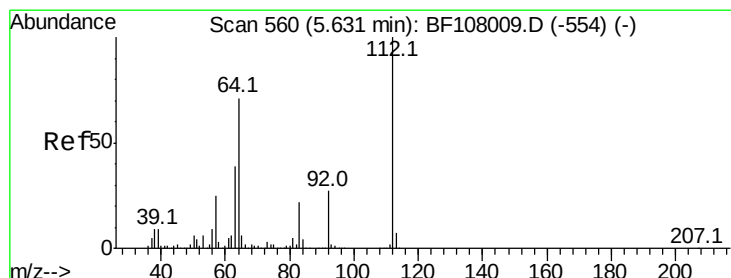
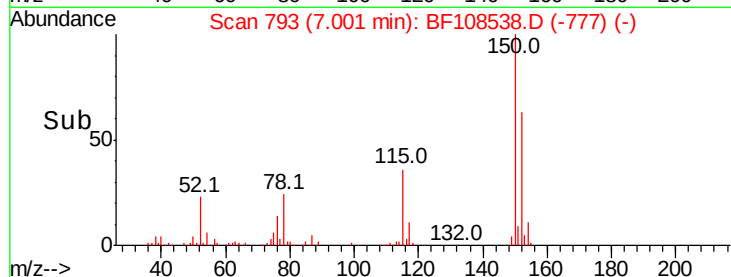
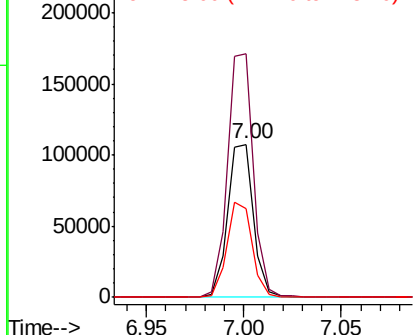
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108538.D
Acq: 28 Aug 2018 4:36

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

Tot Ion:152 Resp: 98515
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 57.8 50.1 75.1



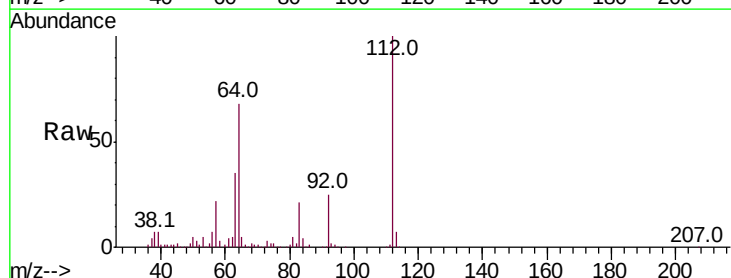
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



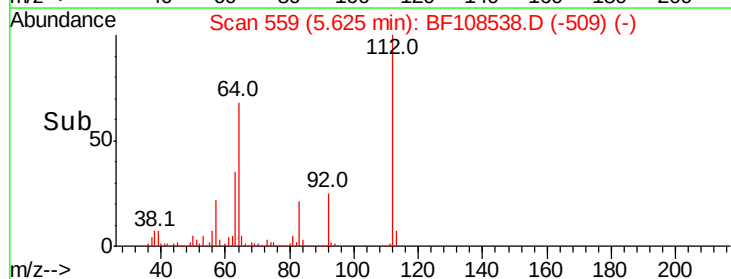
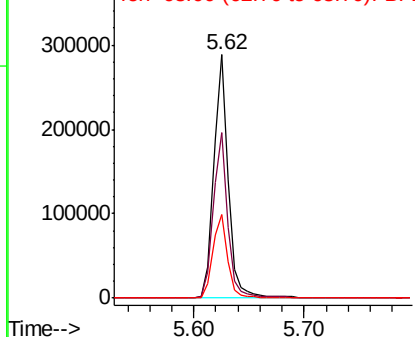
#5

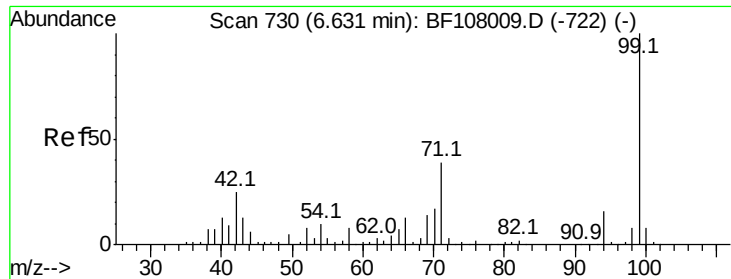
2-Fluorophenol
Concen: 47.727 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108538.D
Acq: 28 Aug 2018 4:36

Tgt Ion:112 Resp: 259702
Ion Ratio Lower Upper
112 100
64 67.8 47.9 71.9
63 34.6 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: 28.610 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108538.D

Acq: 28 Aug 2018 4:36

Instrument :

BNA_F

ClientSampleId :

082218-DBRI-E-D-S

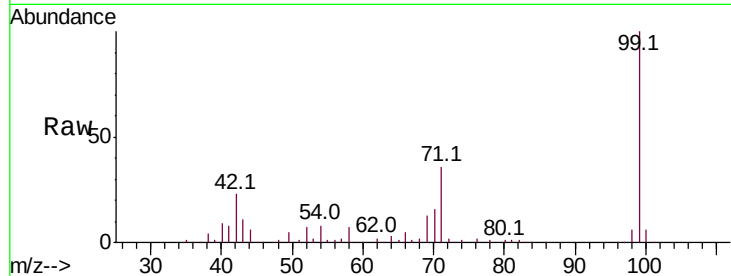
Tot Ion: 99 Resp: 206875

Ion Ratio Lower Upper

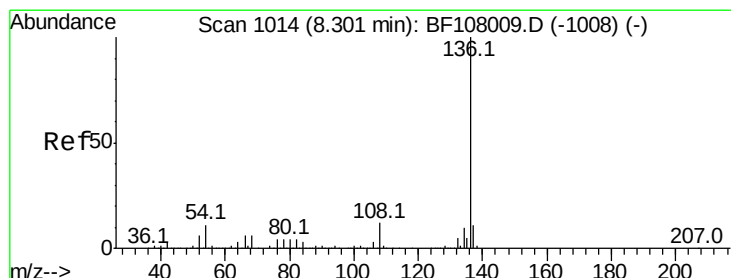
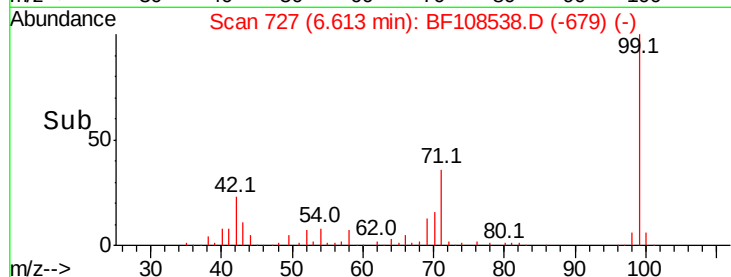
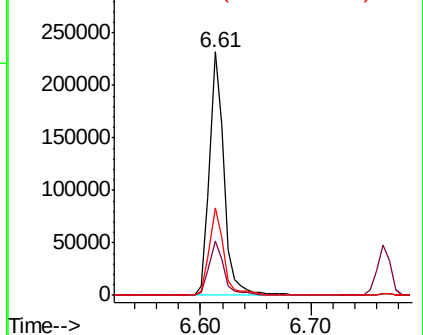
99 100

42 22.5 14.5 21.7#

71 36.1 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: BF108538.D

Acq: 28 Aug 2018 4:36

Tgt Ion: 136 Resp: 335179

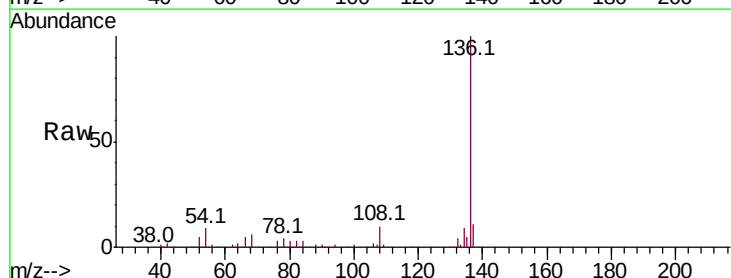
Ion Ratio Lower Upper

136 100

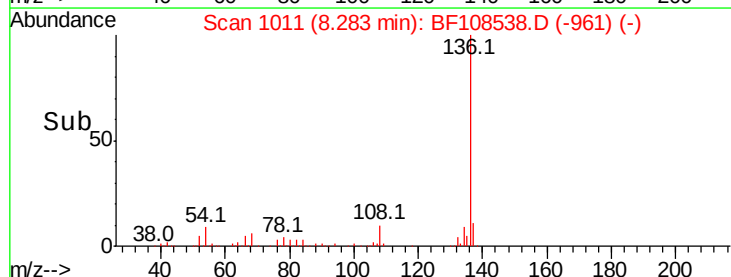
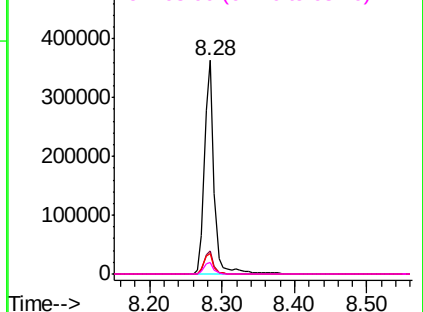
137 10.6 8.9 13.3

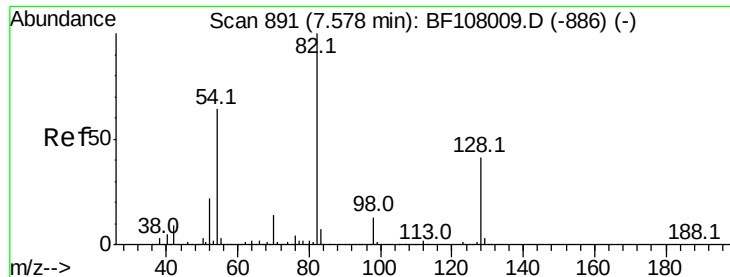
54 9.3 6.6 9.8

68 5.6 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

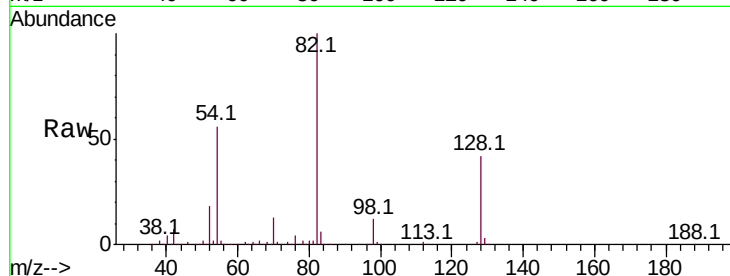




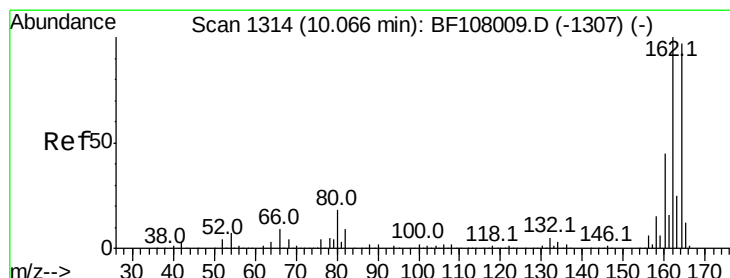
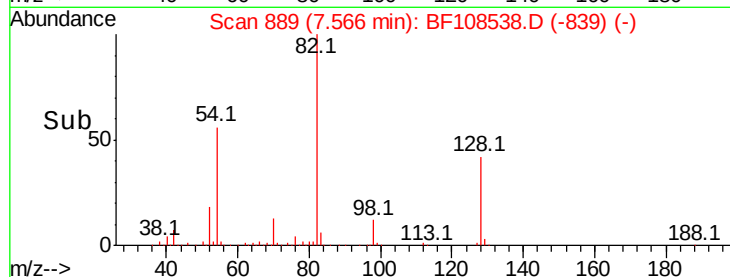
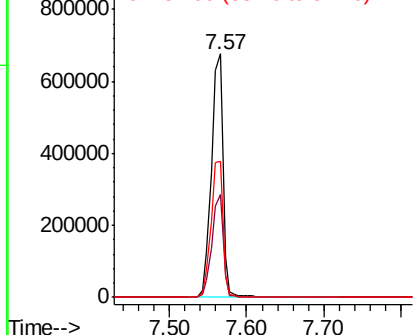
#23
 Nitrobenzene-d5
 Concen: 116.104 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108538.D
 Acq: 28 Aug 2018 4:36

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

Tot Ion	82	Resp	697397
Ion Ratio	Lower	Upper	
82	100		
128	42.5	36.1	54.1
54	55.7	41.4	62.2

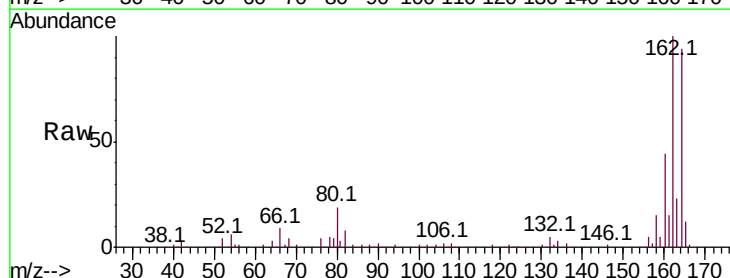


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

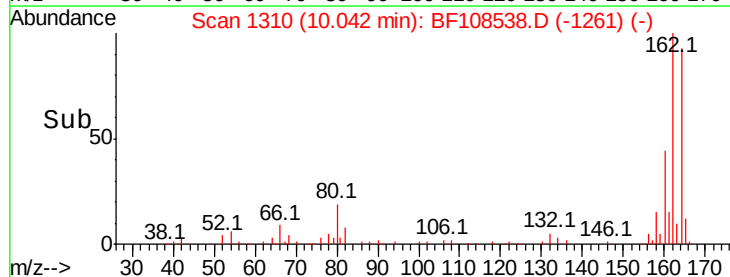
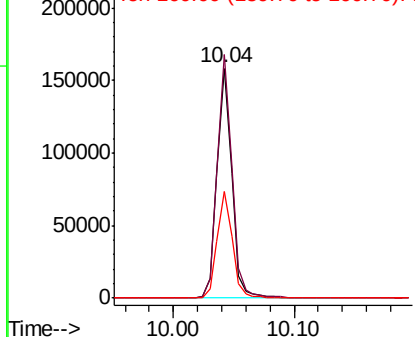


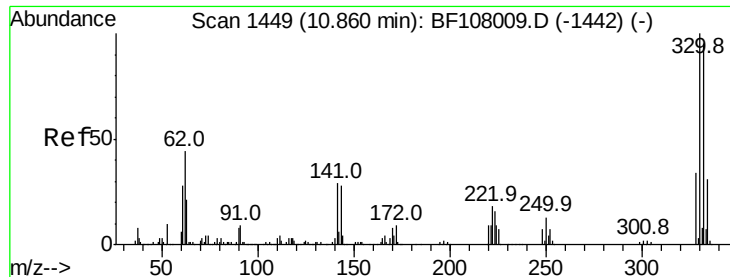
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108538.D
 Acq: 28 Aug 2018 4:36

Tgt Ion	164	Resp	132247
Ion Ratio	Lower	Upper	
164	100		
162	105.9	86.1	129.1
160	46.5	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

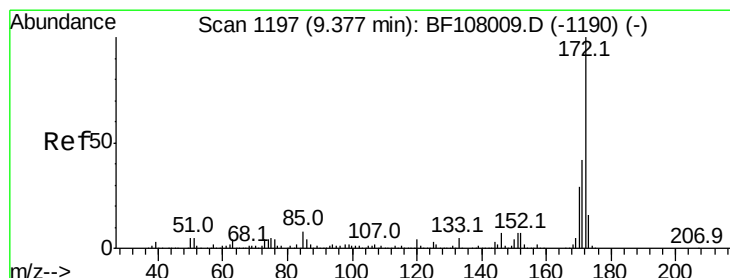
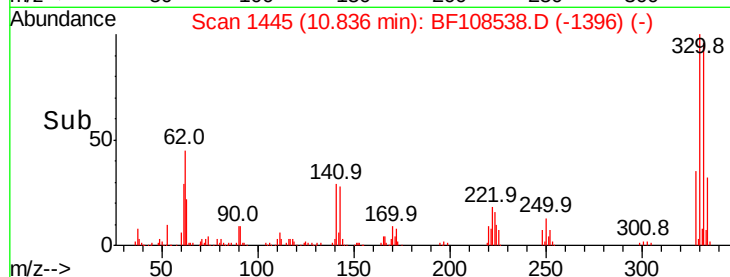
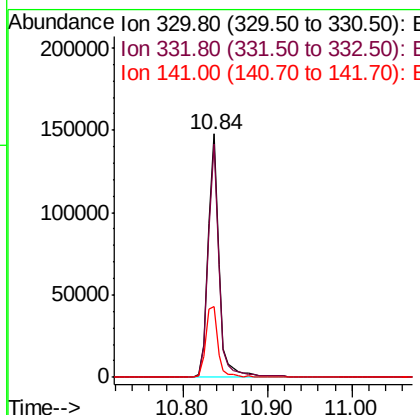
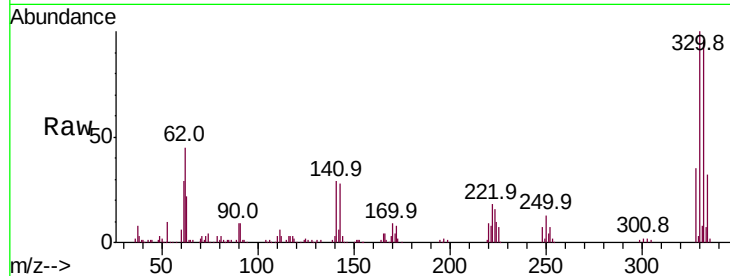




#41
 2,4,6-Tribromophenol
 Concen: 102.305 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108538.D
 Acq: 28 Aug 2018 4:36

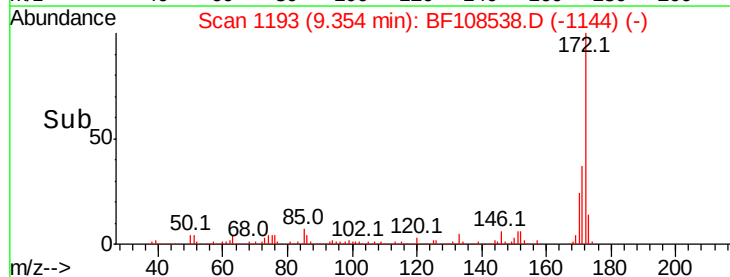
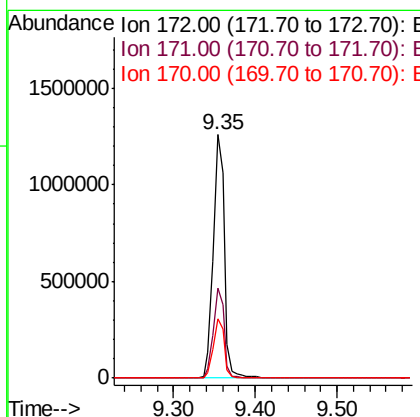
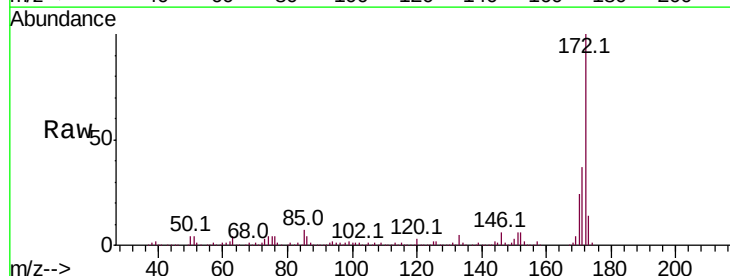
Instrument :
 BNA_F
 ClientSampleId :
 082218-DBRI-E-D-S

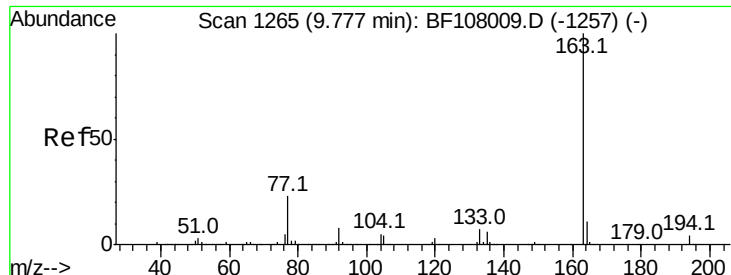
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	32.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 144.876 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108538.D
 Acq: 28 Aug 2018 4:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.3	19.6	29.4

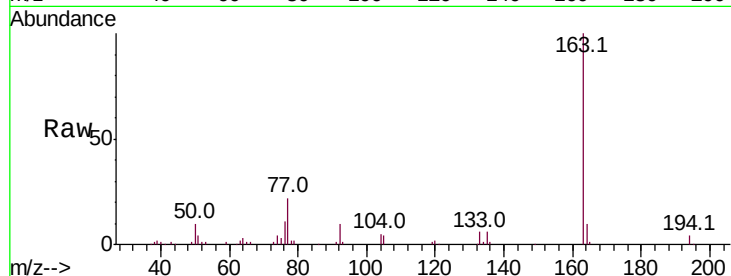




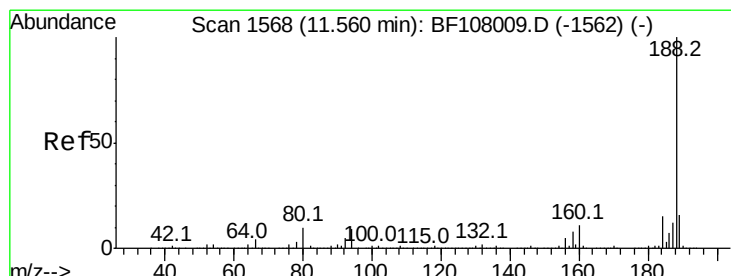
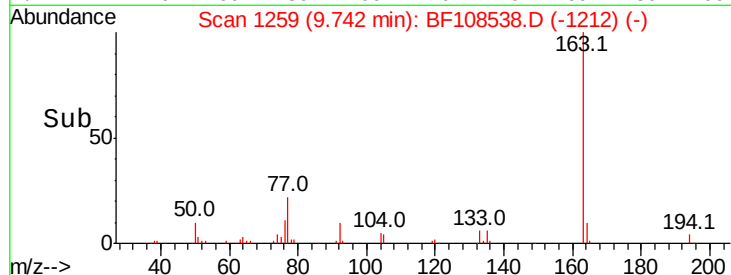
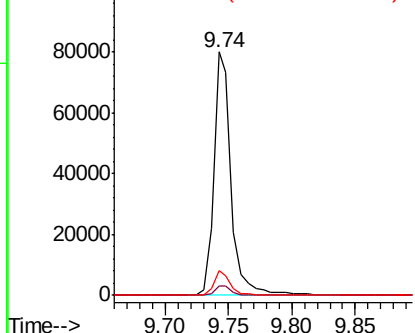
#49
Dimethylphthalate
Concen: 8.372 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108538.D
Acq: 28 Aug 2018 4:36

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

Tot Ion:163 Resp: 77122
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.4 8.2 12.2

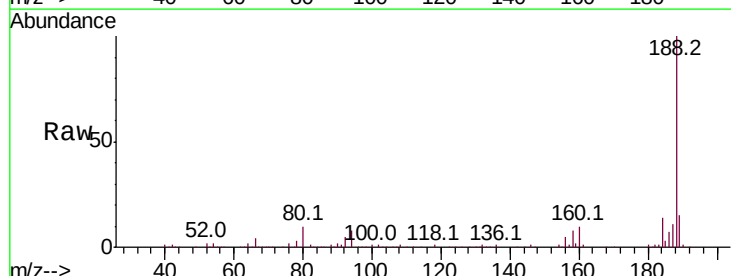


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

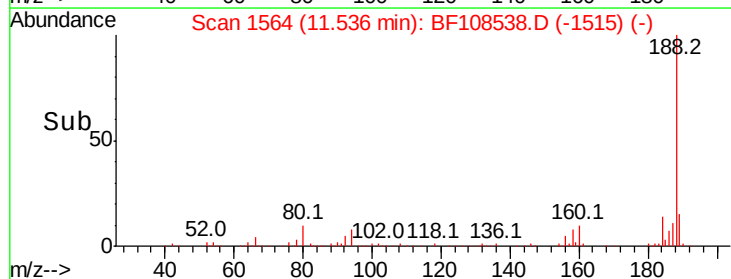
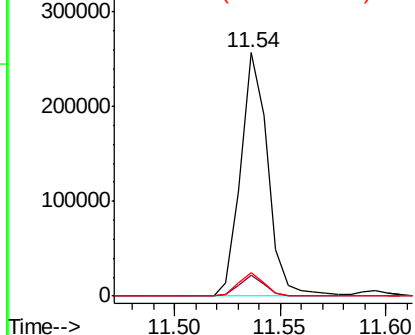


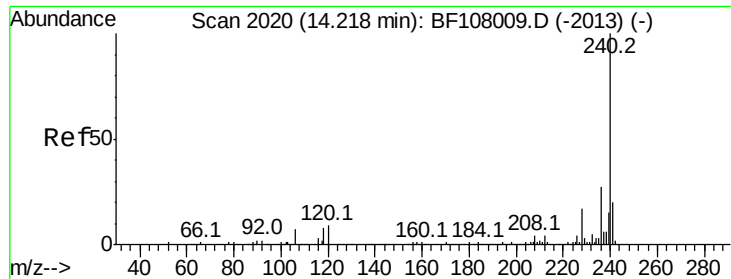
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108538.D
Acq: 28 Aug 2018 4:36

Tgt Ion:188 Resp: 227704
Ion Ratio Lower Upper
188 100
94 8.4 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: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108538.D

Acq: 28 Aug 2018 4:36

Instrument :

BNA_F

ClientSampleId :

082218-DBRI-E-D-S

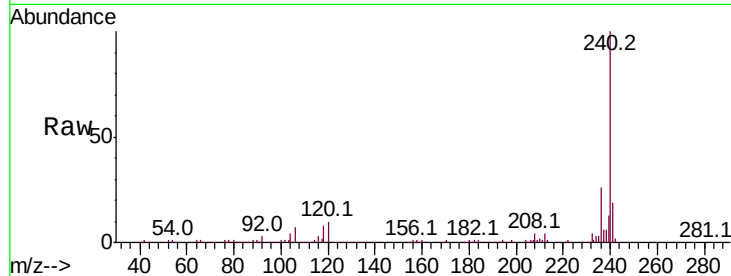
Tot Ion:240 Resp: 259502

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

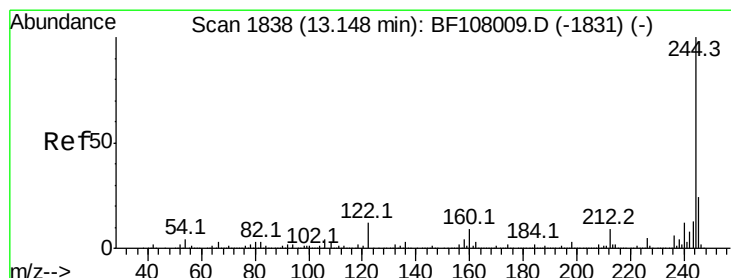
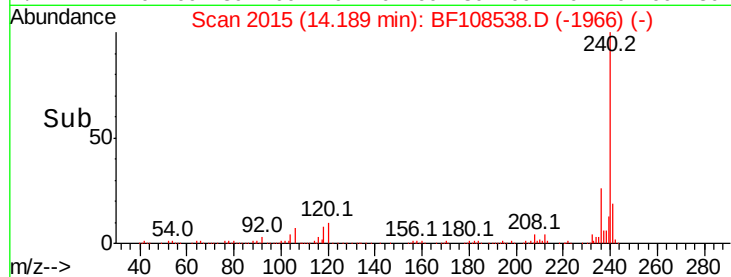
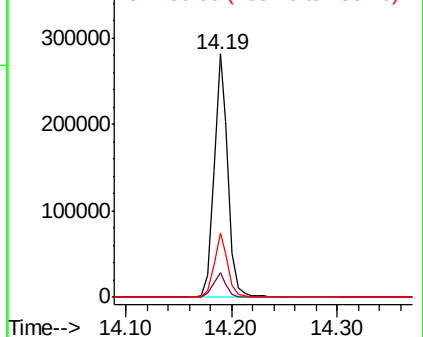
236 26.5 20.7 31.1



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: 102.792 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108538.D

Acq: 28 Aug 2018 4:36

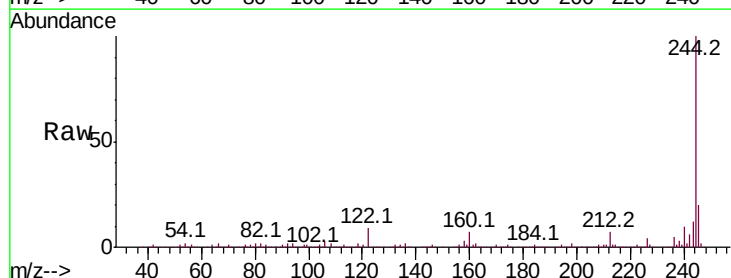
Tgt Ion:244 Resp: 1049126

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

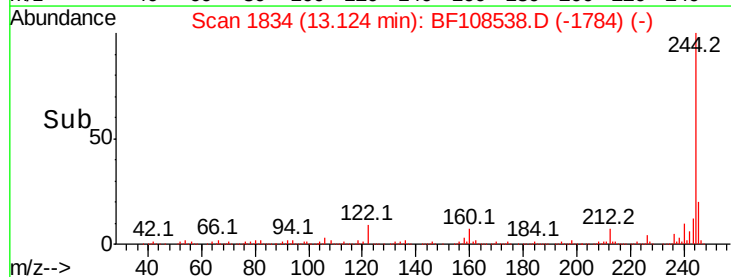
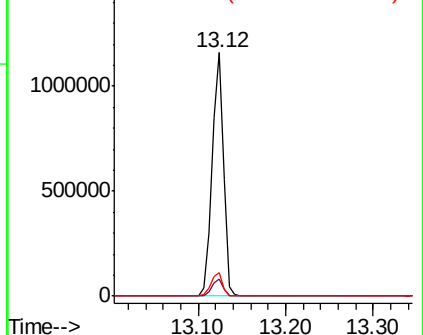
122 9.5 11.0 16.4#

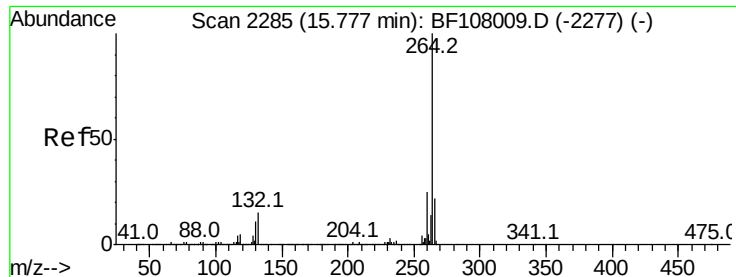


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108538.D
Acq: 28 Aug 2018 4:36

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.4	17.5	26.3

