

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
 Data File : BF108223.D
 Acq On : 17 Aug 2018 4:10
 Operator : JU/SJ
 Sample : J4504-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 081418-DBRI-F-D-B

Quant Time: Aug 17 05:47:04 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 08 12:24:24 2018
 Response via : Initial Calibration

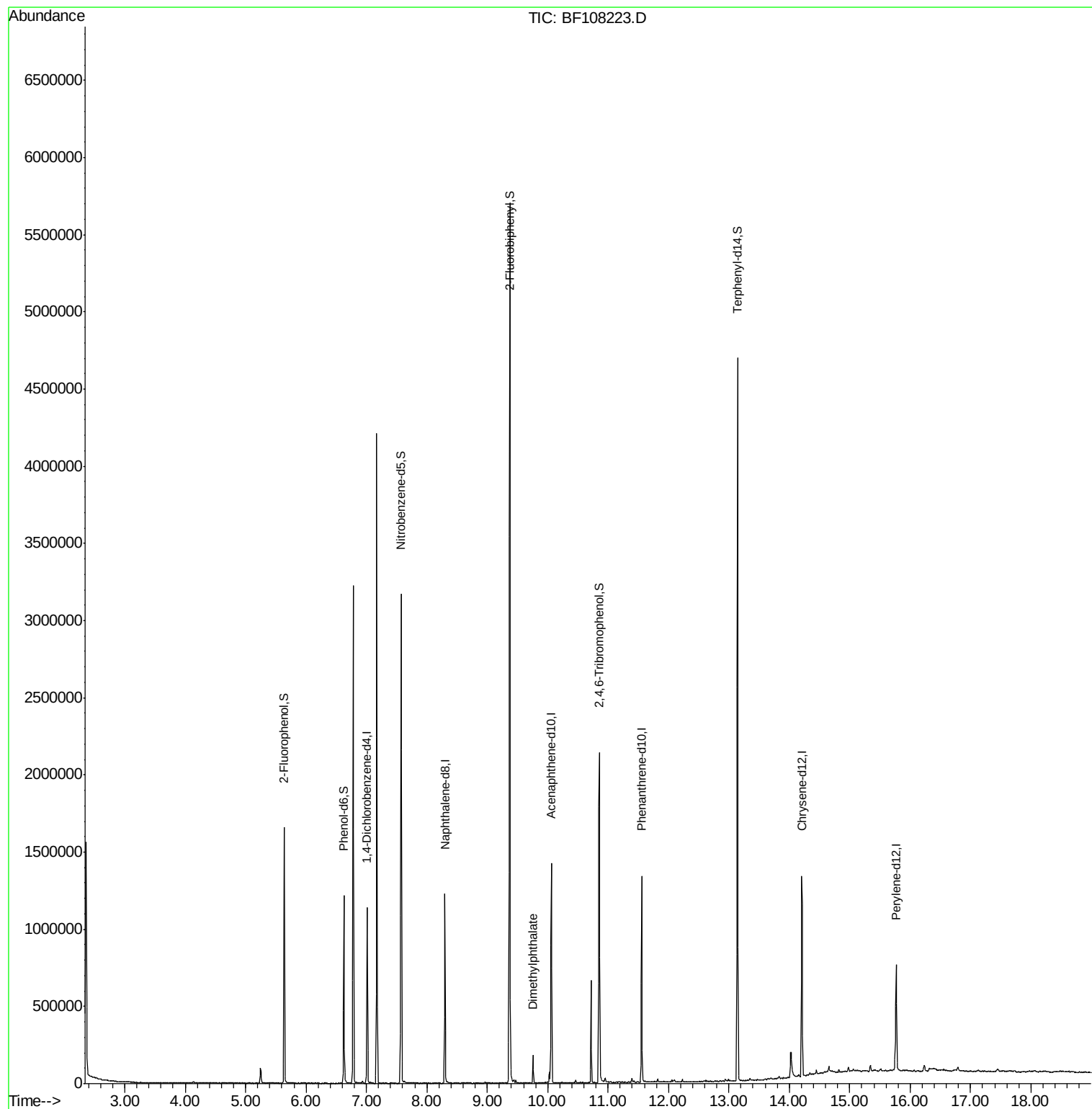
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	160281	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	573252	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	269212	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	477950	20.00	ng	0.00
75) Chrysene-d12	14.21	240	452399	20.00	ng	-0.01
86) Perylene-d12	15.77	264	341635	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	425239	48.03	ng	0.01
7) Phenol-d6	6.62	99	356993	30.34	ng	0.00
23) Nitrobenzene-d5	7.58	82	1070353	104.19	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	264258	98.41	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1898009	113.19	ng	0.00
78) Terphenyl-d14	13.15	244	1764077	99.14	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.76	163	67118	3.579	ng	# 98

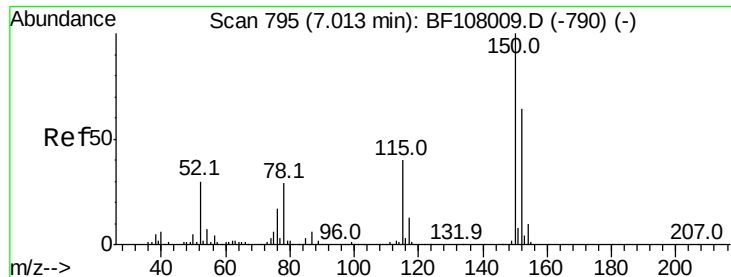
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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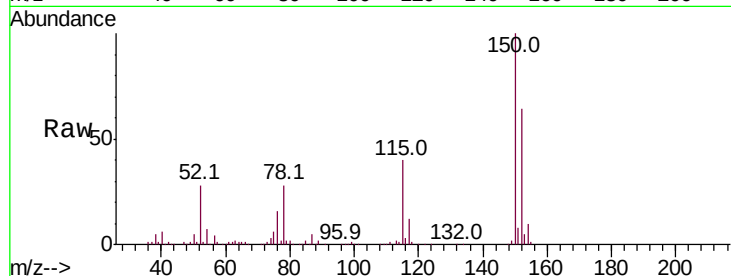


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF108223.D
Acq: 17 Aug 2018 4:10

Instrument :
BNA_F
ClientSampleId :
081418-DBRI-F-D-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	62.0	50.1	75.1

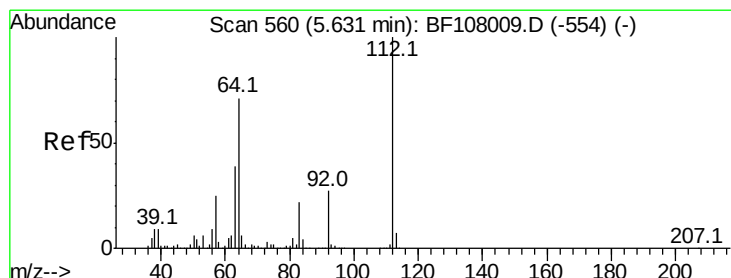
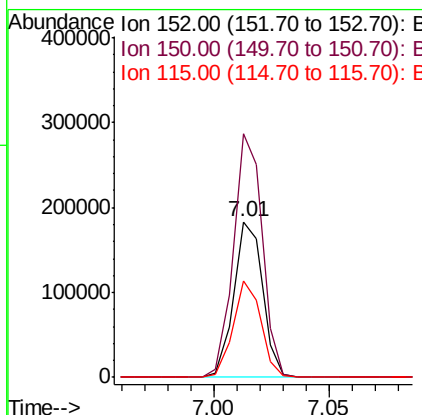
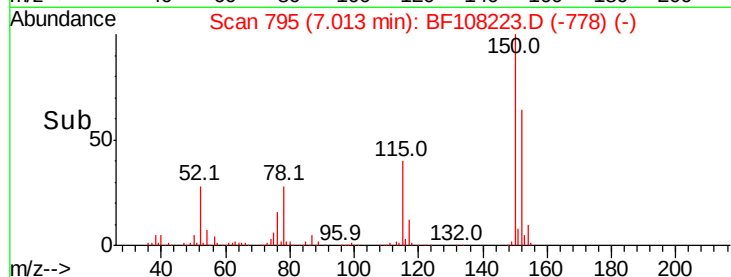


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

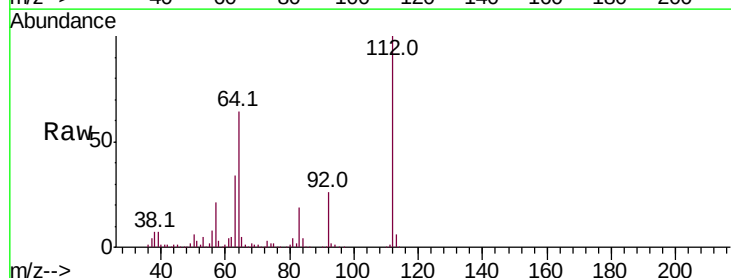
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 48.033 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108223.D
Acq: 17 Aug 2018 4:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	47.9	71.9
63	34.1	23.7	35.5

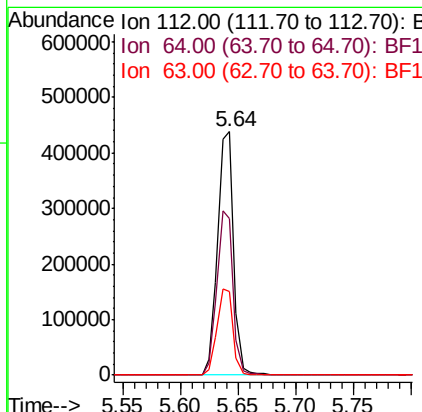
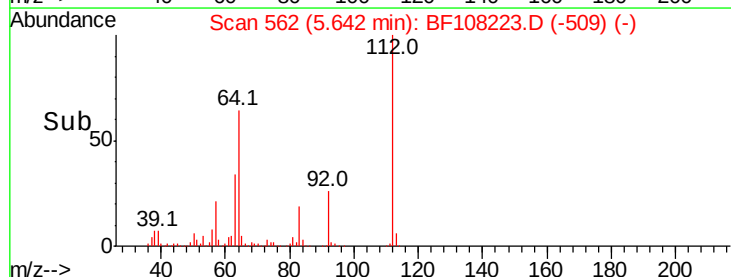


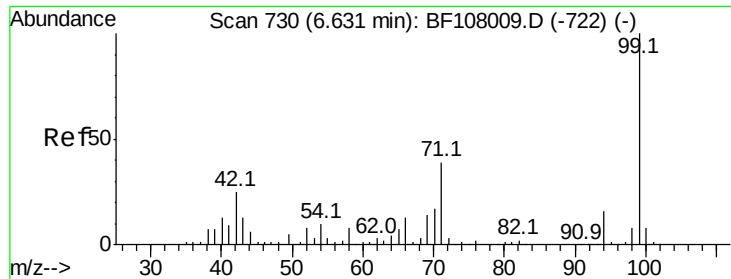
Abundance

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: 30.345 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108223.D

Acq: 17 Aug 2018 4:10

Instrument :

BNA_F

ClientSampleId :

081418-DBRI-F-D-B

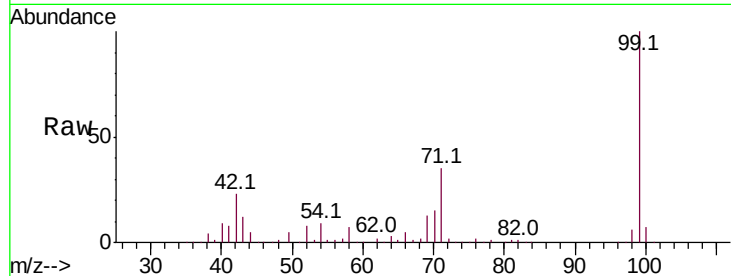
Tot Ion: 99 Resp: 356993

Ion Ratio Lower Upper

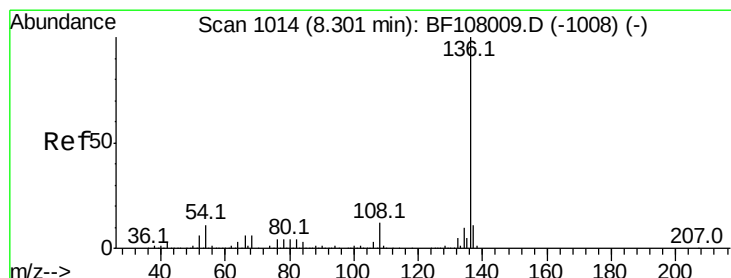
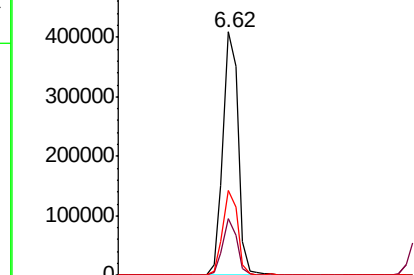
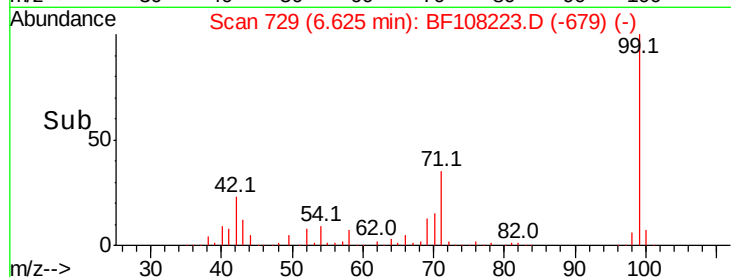
99 100

42 23.1 14.5 21.7#

71 34.7 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: 8.30 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF108223.D

Acq: 17 Aug 2018 4:10

Tgt Ion: 136 Resp: 573252

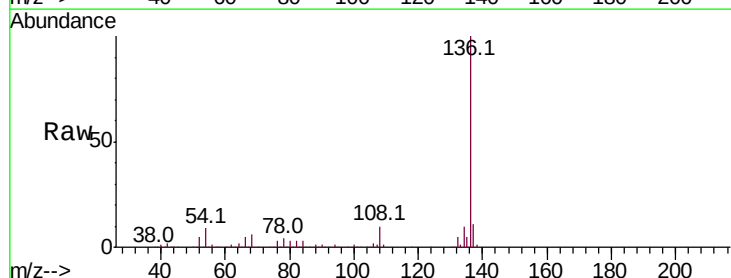
Ion Ratio Lower Upper

136 100

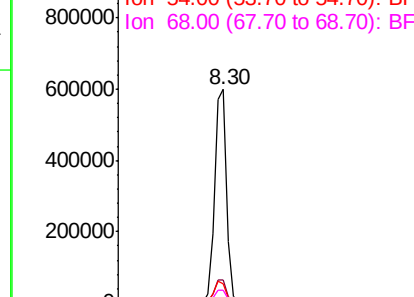
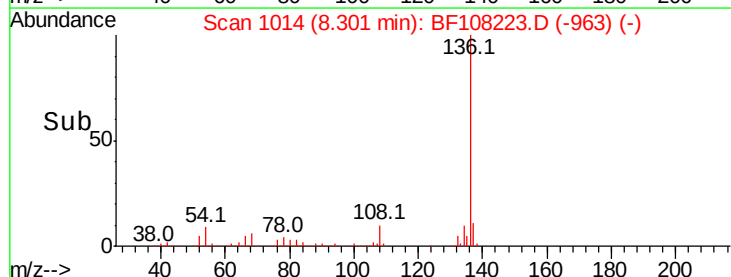
137 10.8 8.9 13.3

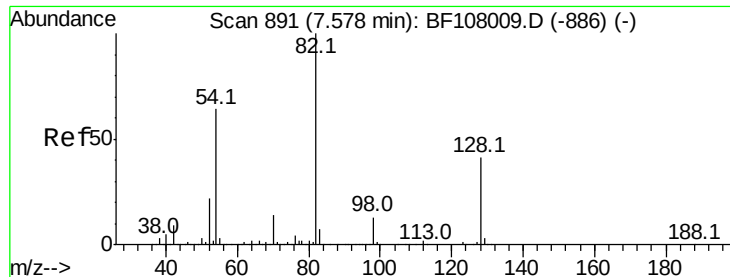
54 9.3 6.6 9.8

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



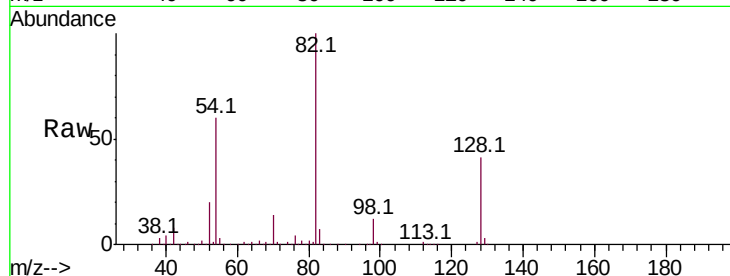


#23
 Nitrobenzene-d5
 Concen: 104.190 ng
 RT: 7.58 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BF108223.D
 Acq: 17 Aug 2018 4:10

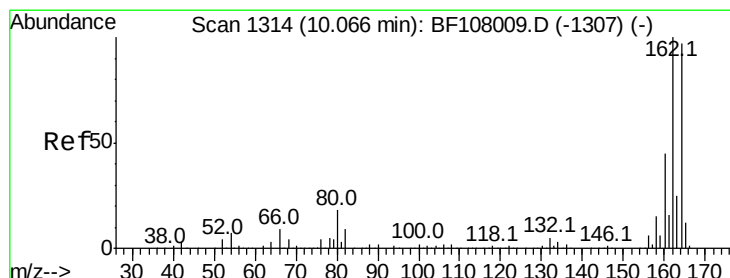
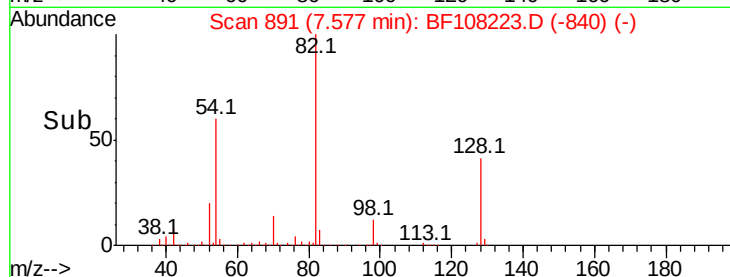
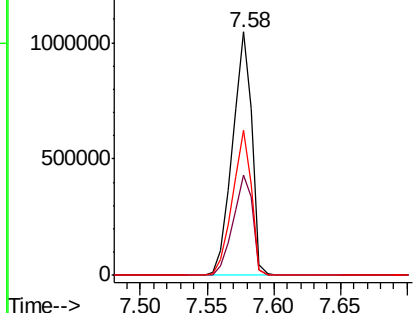
Instrument :
 BNA_F
 ClientSampleId :
 081418-DBRI-F-D-B

Tot Ion: 82 Resp: 1070353

Ion	Ratio	Lower	Upper
82	100		
128	41.4	36.1	54.1
54	59.7	41.4	62.2



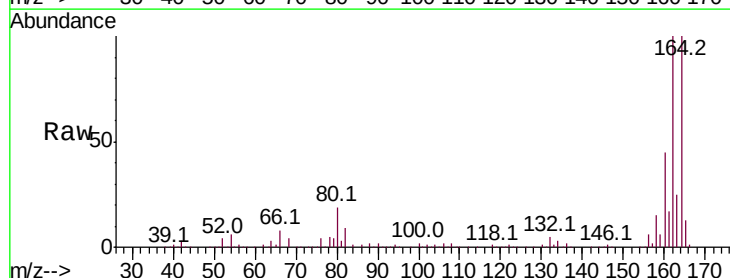
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



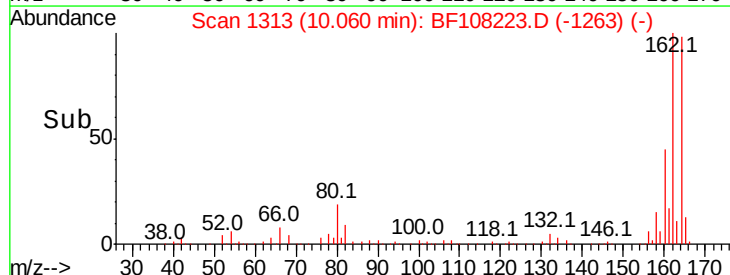
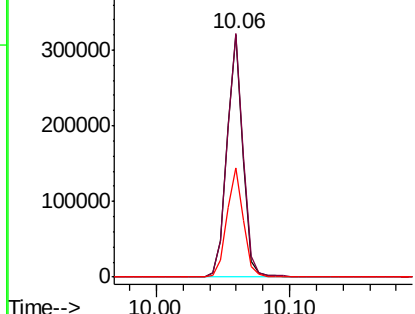
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108223.D
 Acq: 17 Aug 2018 4:10

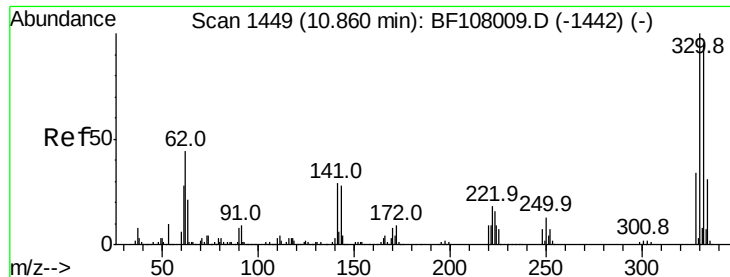
Tgt Ion: 164 Resp: 269212

Ion	Ratio	Lower	Upper
164	100		
162	100.4	86.1	129.1
160	45.2	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

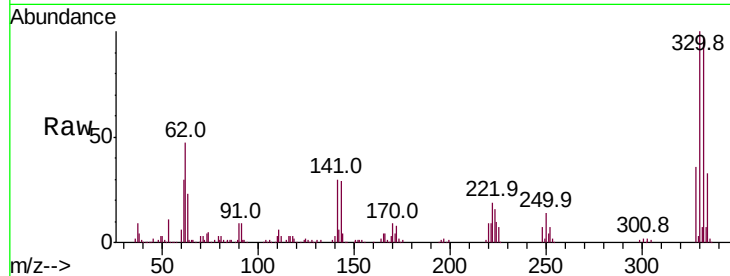




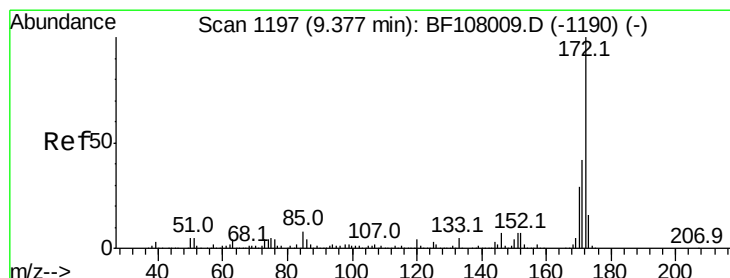
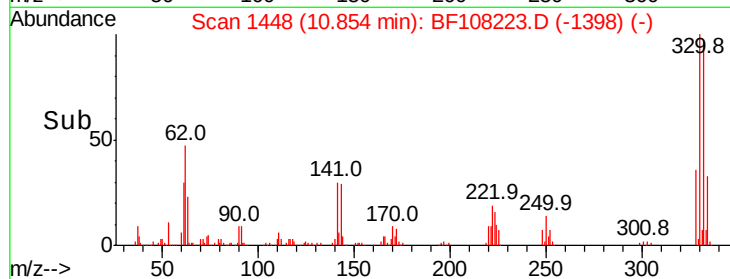
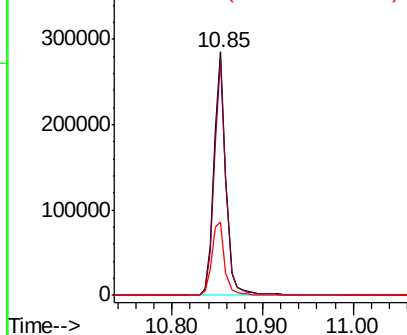
#41
 2,4,6-Tribromophenol
 Concen: 98.408 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108223.D
 Acq: 17 Aug 2018 4:10

Instrument :
 BNA_F
 ClientSampleId :
 081418-DBRI-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	32.5	29.9	44.9

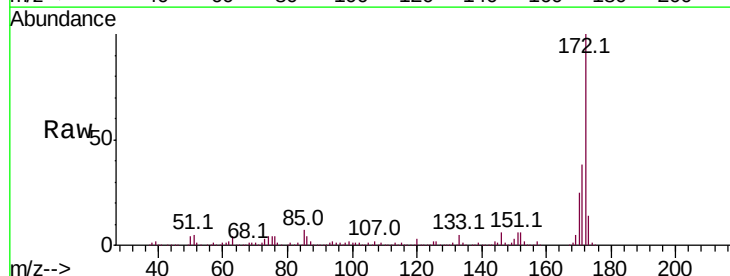


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

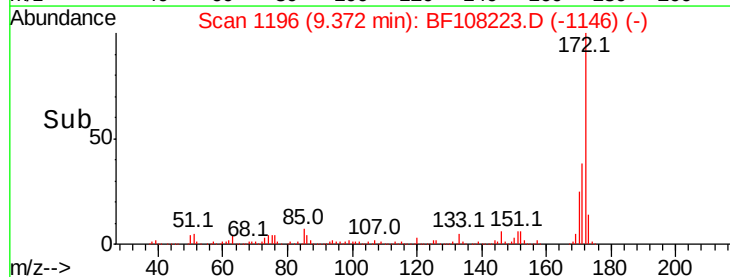
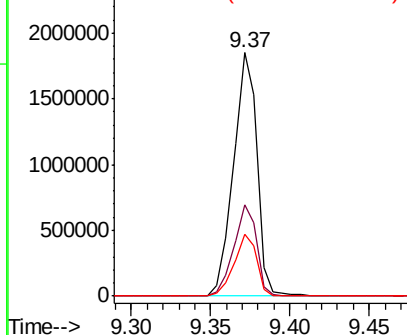


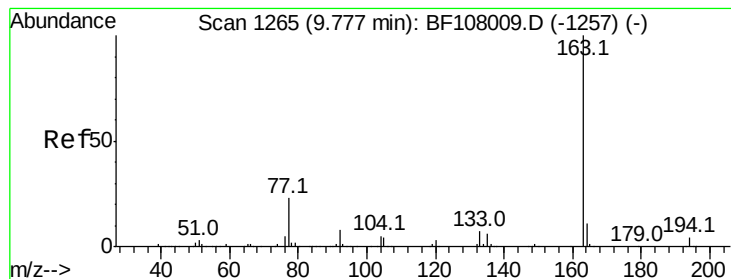
#44
 2-Fluorobiphenyl
 Concen: 113.189 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108223.D
 Acq: 17 Aug 2018 4:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.7	44.5
170	25.1	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: 3.579 ng

RT: 9.76 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BF108223.D

Acq: 17 Aug 2018 4:10

Instrument :

BNA_F

ClientSampleId :

081418-DBRI-F-D-B

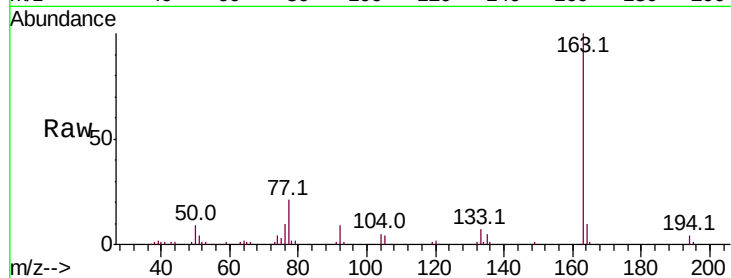
Tot Ion:163 Resp: 67118

Ion Ratio Lower Upper

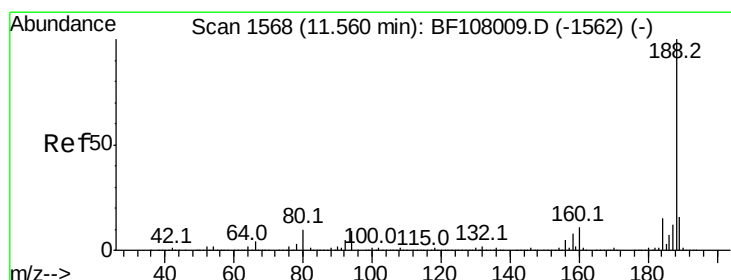
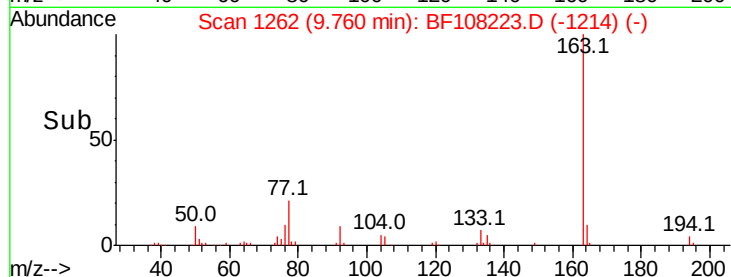
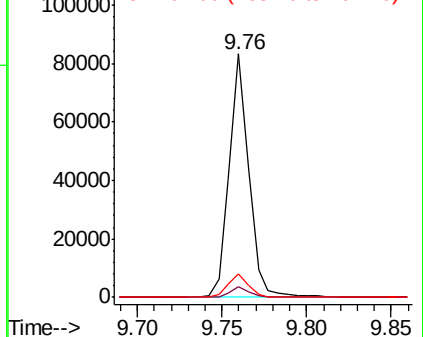
163 100

194 4.3 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: 11.55 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF108223.D

Acq: 17 Aug 2018 4:10

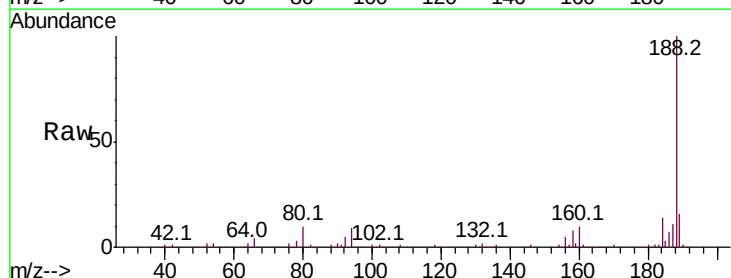
Tgt Ion:188 Resp: 477950

Ion Ratio Lower Upper

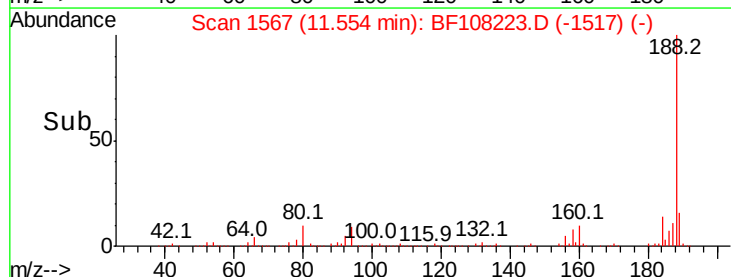
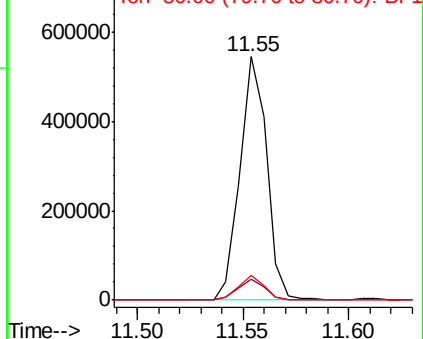
188 100

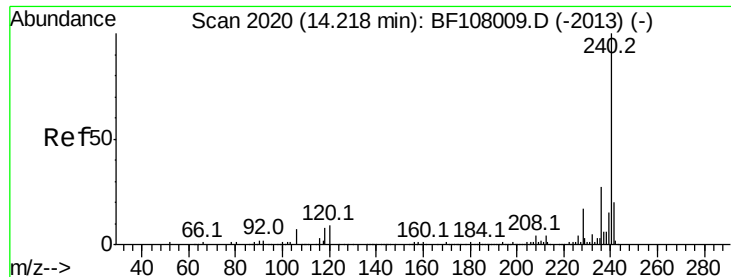
94 8.7 8.5 12.7

80 10.2 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: 14.21 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF108223.D

Acq: 17 Aug 2018 4:10

Instrument :

BNA_F

ClientSampleId :

081418-DBRI-F-D-B

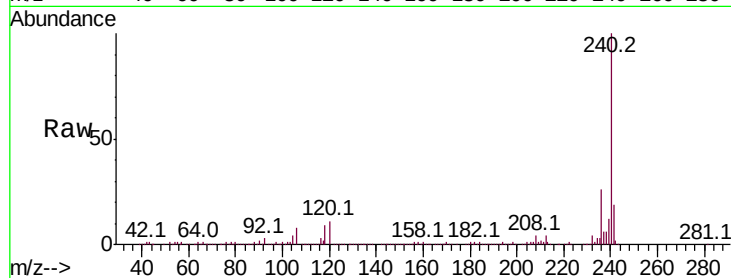
Tot Ion:240 Resp: 452399

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

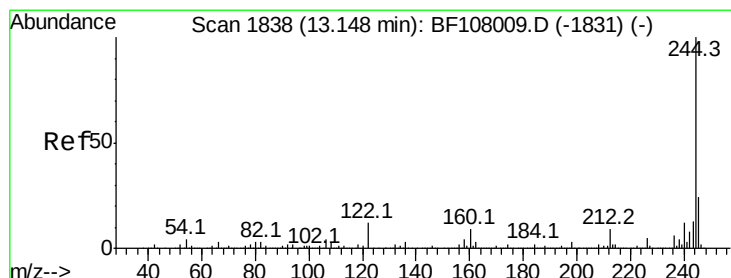
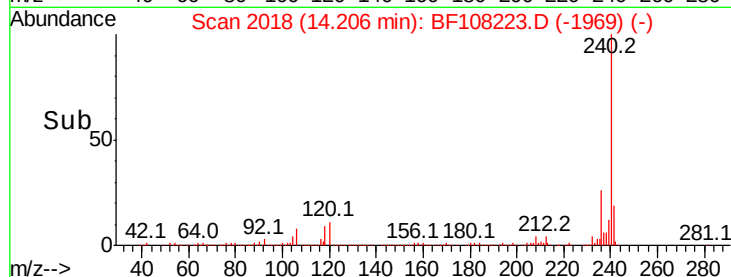
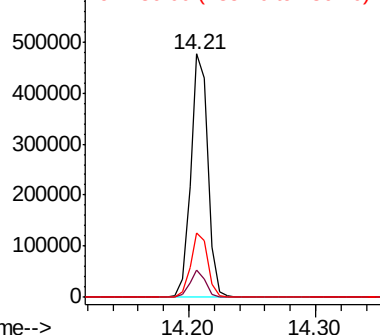
236 26.3 20.7 31.1



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: 99.144 ng

RT: 13.15 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF108223.D

Acq: 17 Aug 2018 4:10

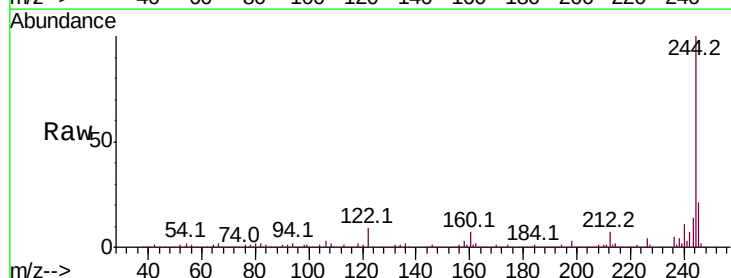
Tgt Ion:244 Resp: 1764077

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

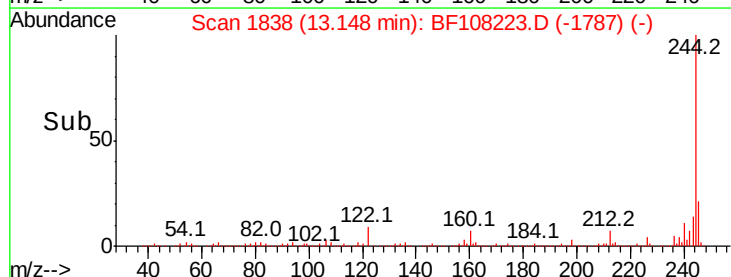
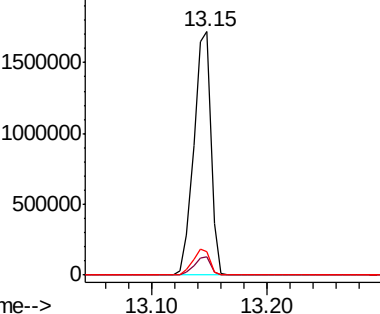
122 9.5 11.0 16.4#

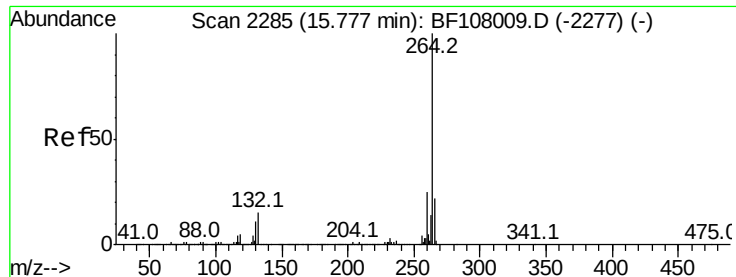


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.77 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF108223.D
Acq: 17 Aug 2018 4:10

Instrument :
BNA_F
ClientSampleId :
081418-DBRI-F-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.0	17.5	26.3

