

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
 Data File : BF108589.D
 Acq On : 29 Aug 2018 6:59
 Operator : JU/SJ
 Sample : J4656-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

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

Quant Time: Aug 29 08:21:37 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

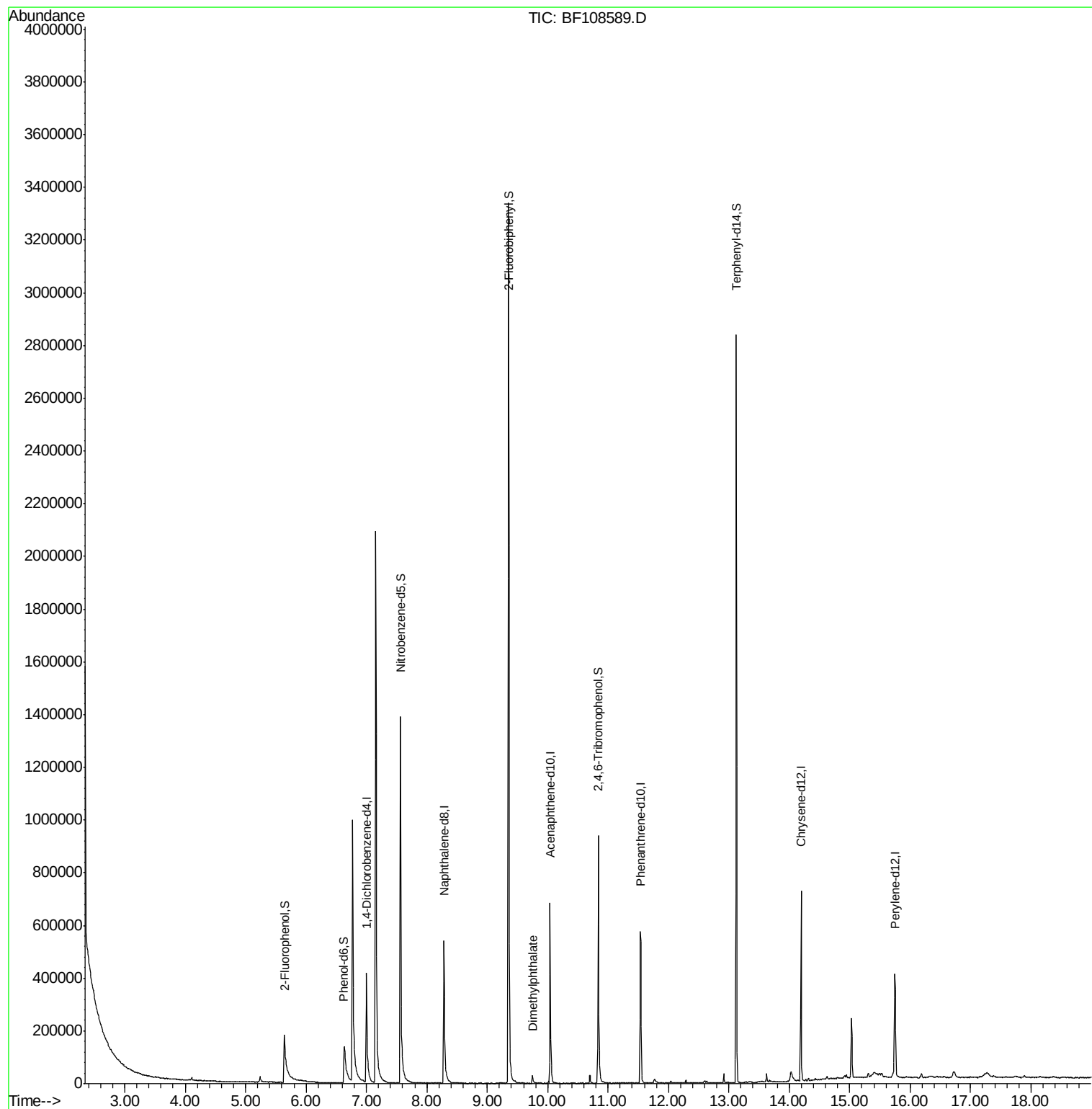
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	94613	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	340547	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	149963	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	257547	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	266915	20.00	ng	0.00
86) Perylene-d12	15.75	264	211004	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	163962	31.37	ng	0.01
7) Phenol-d6	6.64	99	148092	21.32	ng	0.00
23) Nitrobenzene-d5	7.57	82	628561	102.99	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	132896	88.84	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1109491	118.78	ng	-0.01
78) Terphenyl-d14	13.12	244	941913	89.72	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.75	163	21182	2.028	ng	Qvalue # 99

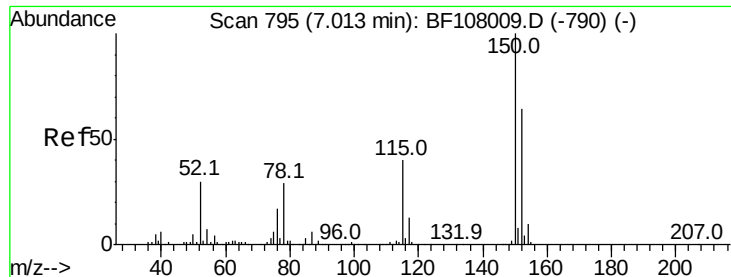
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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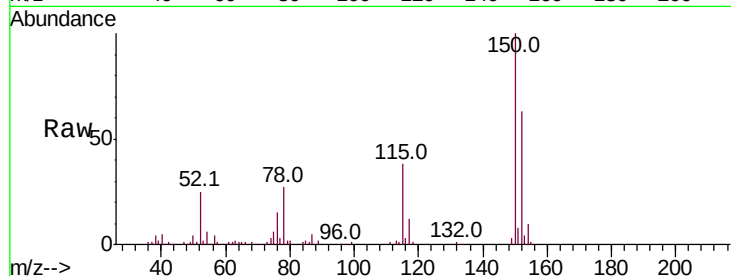


#1

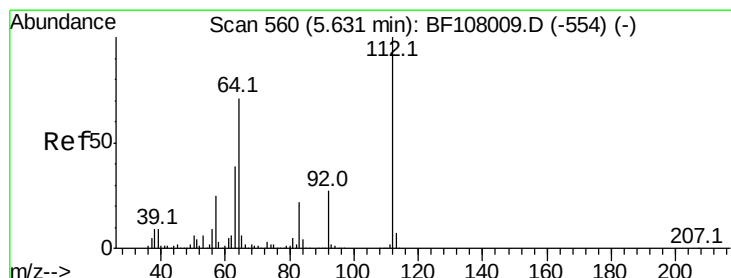
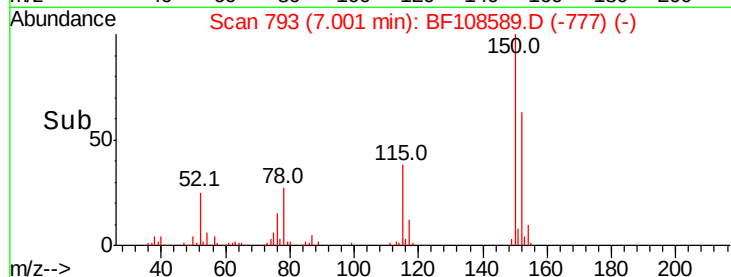
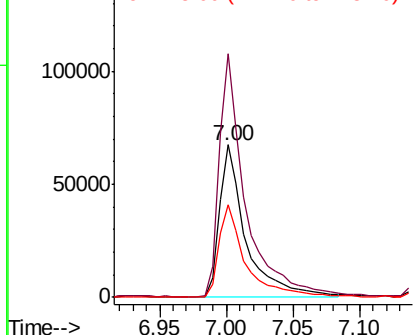
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108589.D
Acq: 29 Aug 2018 6:59

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

Tot Ion:152 Resp: 94613
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 60.9 50.1 75.1



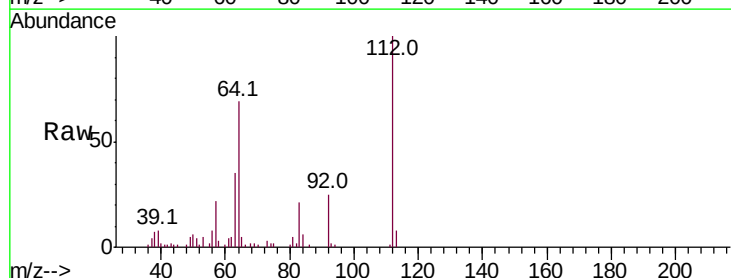
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



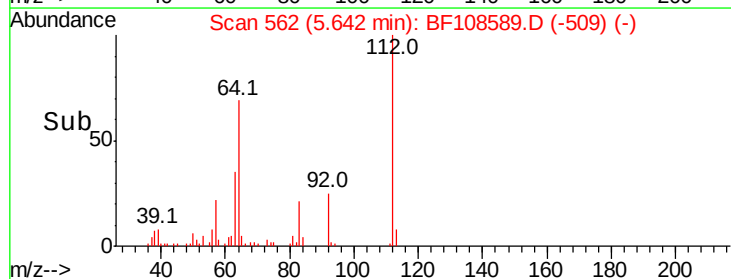
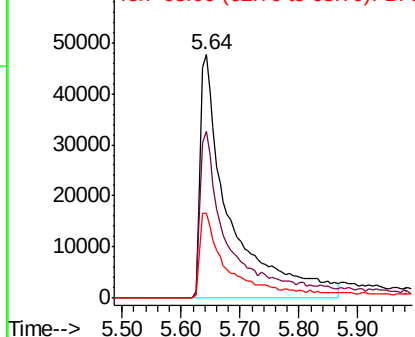
#5

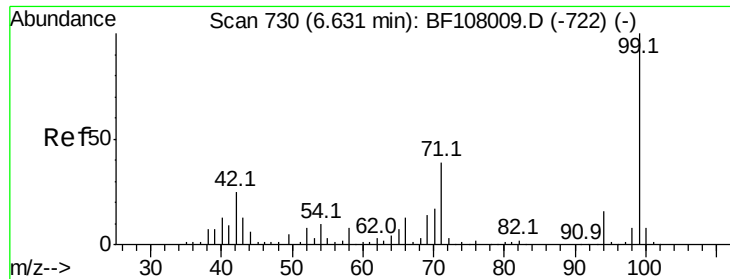
2-Fluorophenol
Concen: 31.375 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108589.D
Acq: 29 Aug 2018 6:59

Tgt Ion:112 Resp: 163962
Ion Ratio Lower Upper
112 100
64 68.6 47.9 71.9
63 34.7 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: 21.325 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108589.D

Acq: 29 Aug 2018 6:59

Instrument :

BNA_F

ClientSampleId :

082418-DBRI-F-U-S

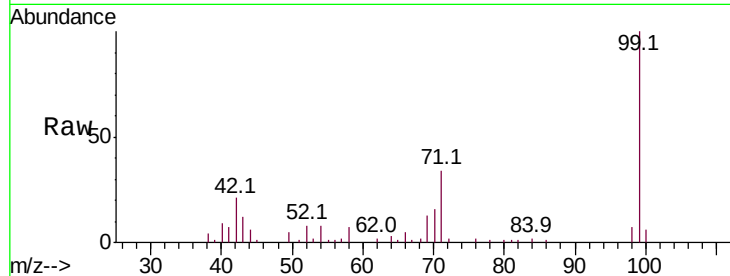
Tot Ion: 99 Resp: 148092

Ion Ratio Lower Upper

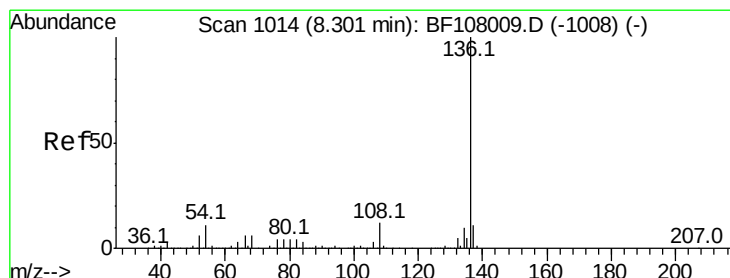
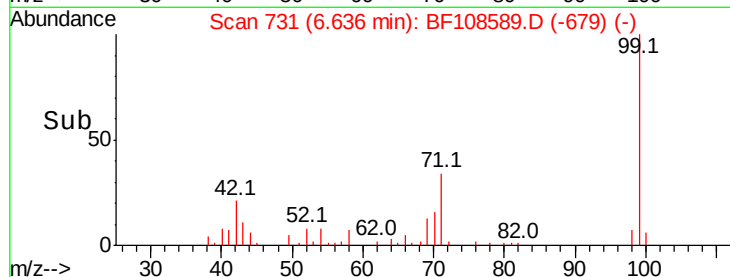
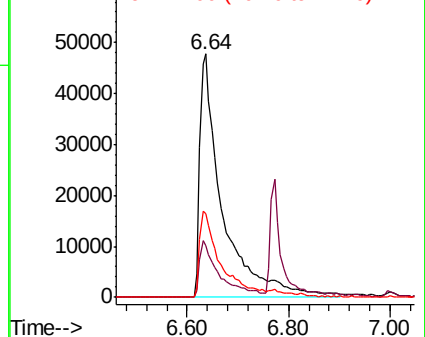
99 100

42 21.1 14.5 21.7

71 34.3 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: BF108589.D

Acq: 29 Aug 2018 6:59

Tgt Ion: 136 Resp: 340547

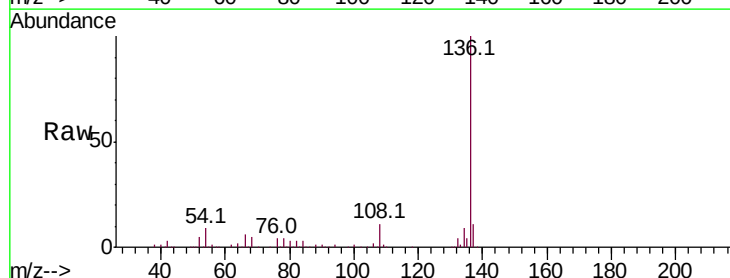
Ion Ratio Lower Upper

136 100

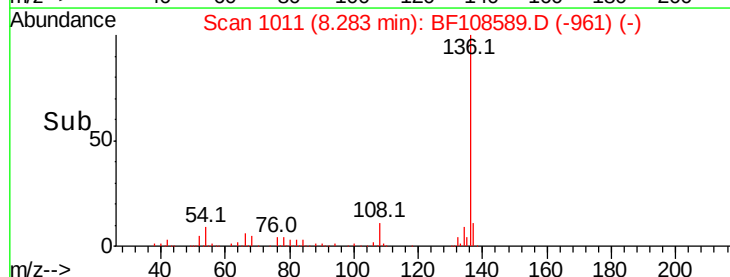
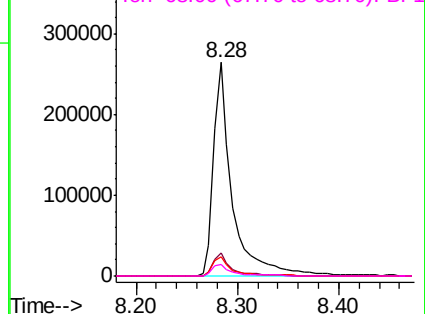
137 10.8 8.9 13.3

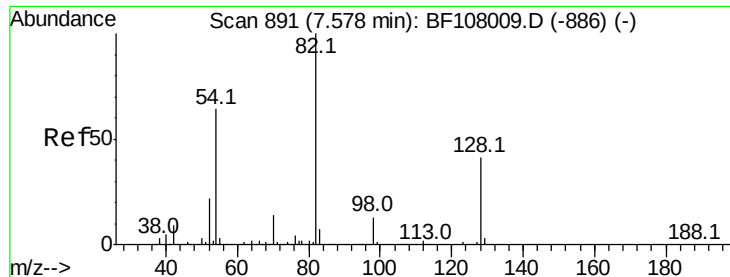
54 9.3 6.6 9.8

68 5.5 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

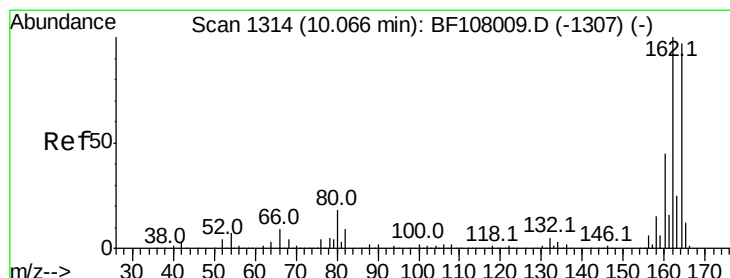
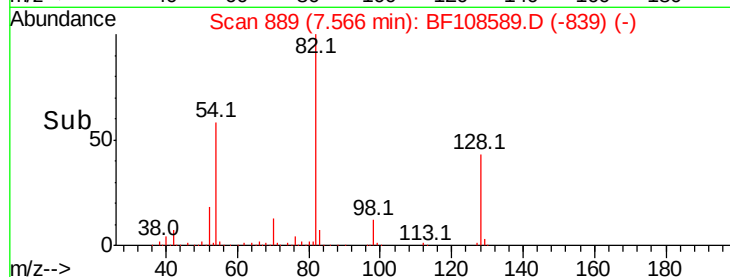
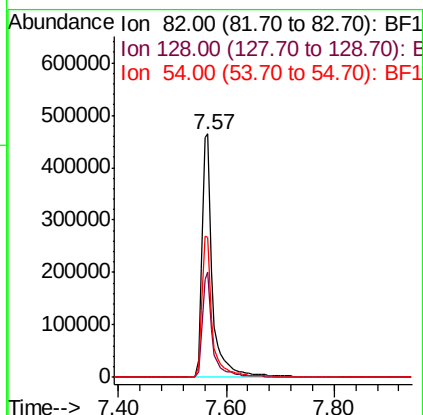
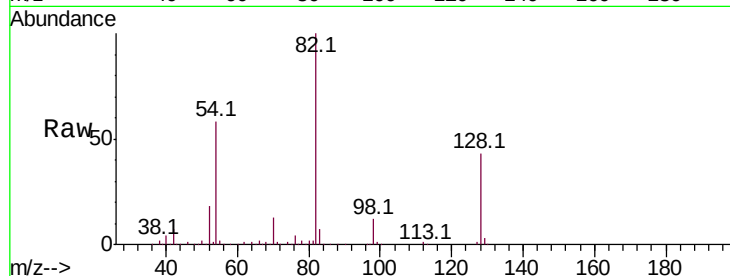




#23
 Nitrobenzene-d5
 Concen: 102.995 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108589.D
 Acq: 29 Aug 2018 6:59

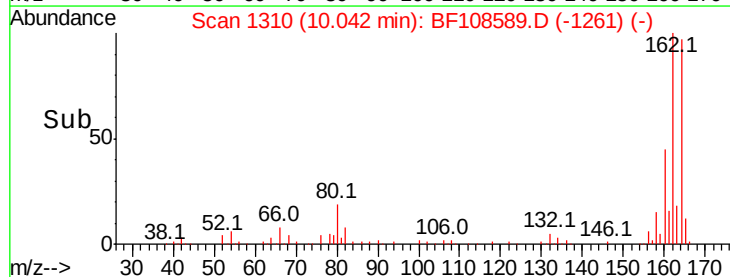
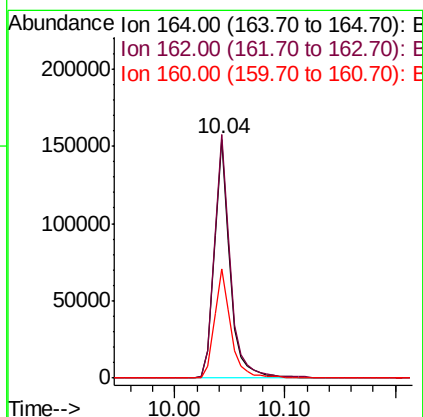
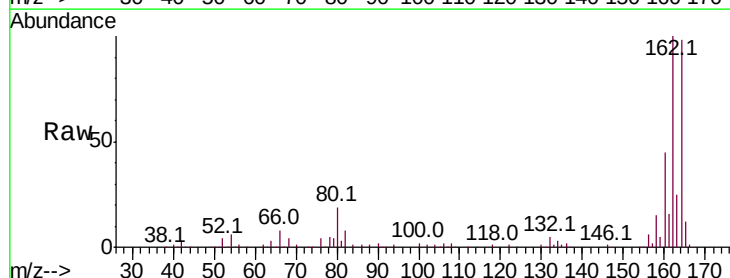
Instrument :
 BNA_F
 ClientSampleId :
 082418-DBRI-F-U-S

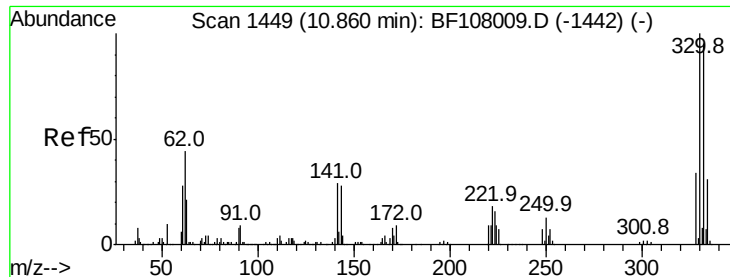
Tot Ion	82	Resp	628561
Ion Ratio	Lower	Upper	
82	100		
128	43.2	36.1	54.1
54	57.7	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108589.D
 Acq: 29 Aug 2018 6:59

Tgt Ion	164	Resp	149963
Ion Ratio	Lower	Upper	
164	100		
162	102.0	86.1	129.1
160	45.9	38.3	57.5

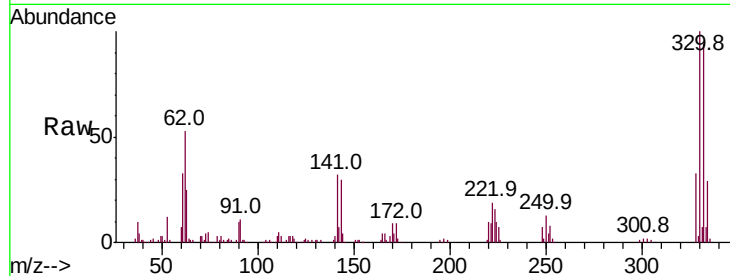




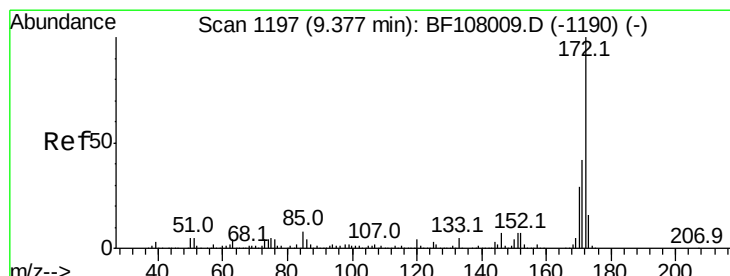
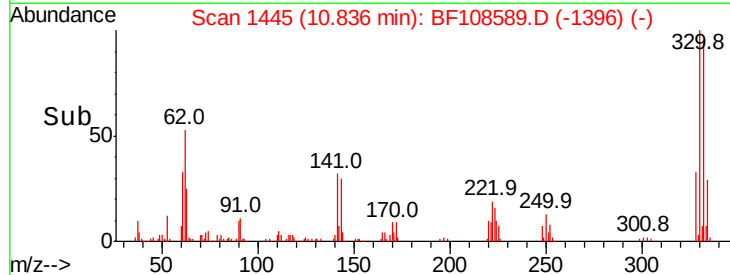
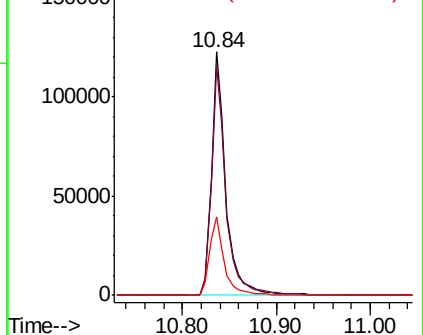
#41
 2,4,6-Tribromophenol
 Concen: 88.844 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108589.D
 Acq: 29 Aug 2018 6:59

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	32.9	29.9	44.9

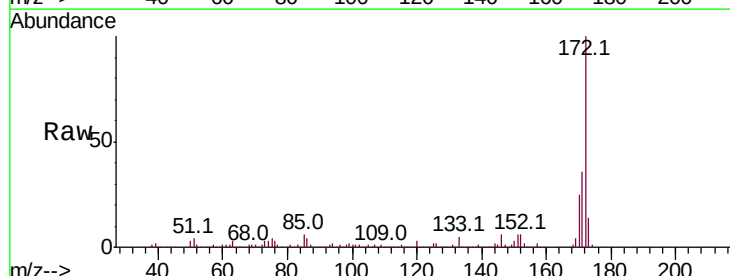


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

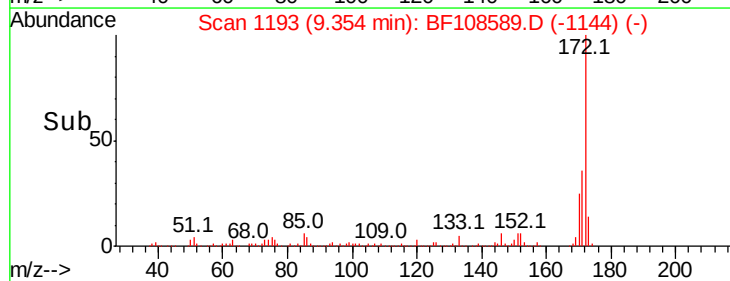
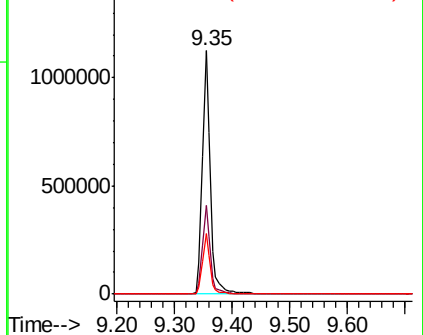


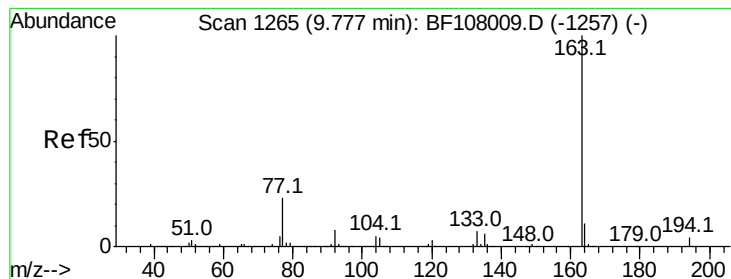
#44
 2-Fluorobiphenyl
 Concen: 118.780 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108589.D
 Acq: 29 Aug 2018 6:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	25.0	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: 2.028 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF108589.D

Acq: 29 Aug 2018 6:59

Instrument :

BNA_F

ClientSampleId :

082418-DBRI-F-U-S

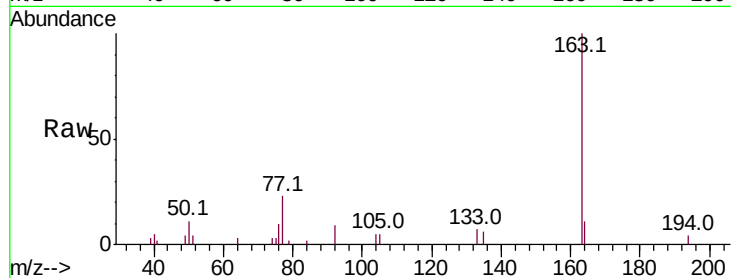
Tot Ion:163 Resp: 21182

Ion Ratio Lower Upper

163 100

194 4.5 2.7 4.1#

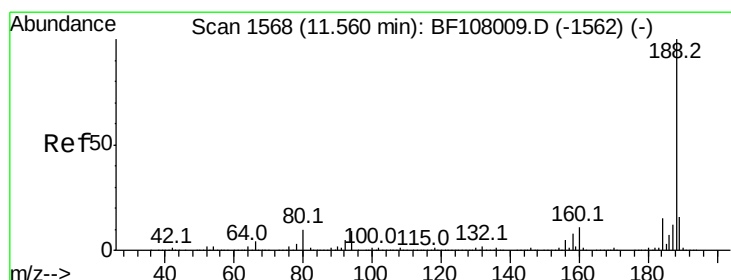
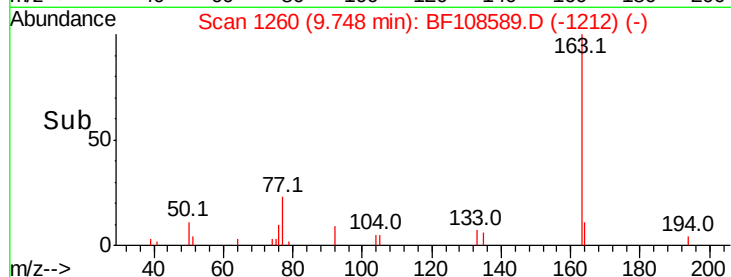
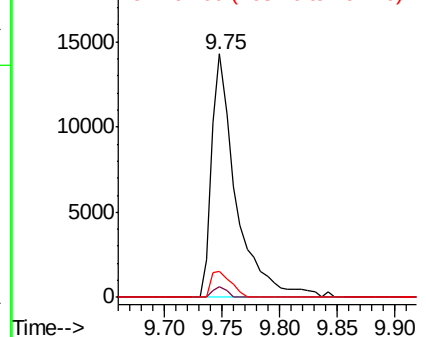
164 10.5 8.2 12.2



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: BF108589.D

Acq: 29 Aug 2018 6:59

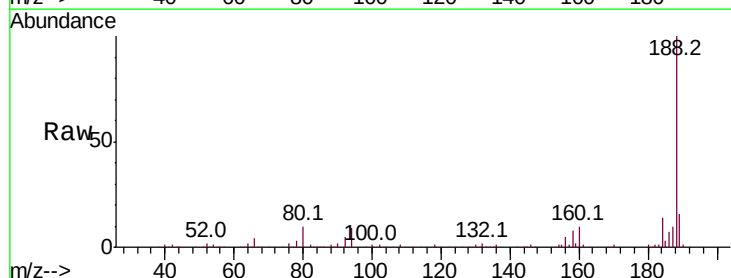
Tgt Ion:188 Resp: 257547

Ion Ratio Lower Upper

188 100

94 8.6 8.5 12.7

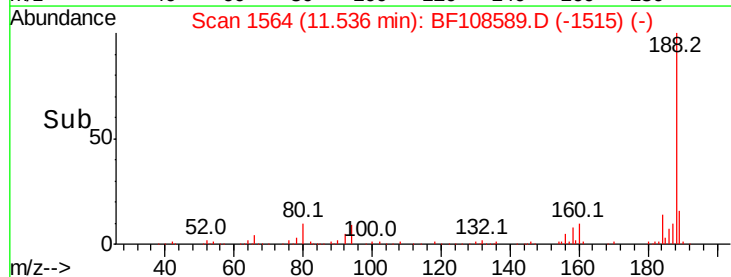
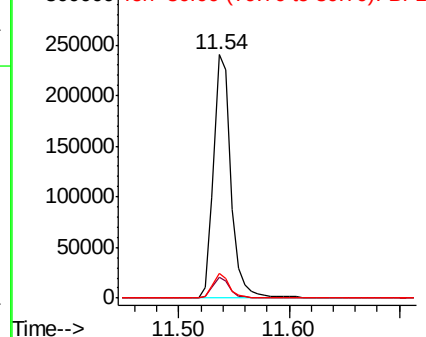
80 10.4 9.2 13.8

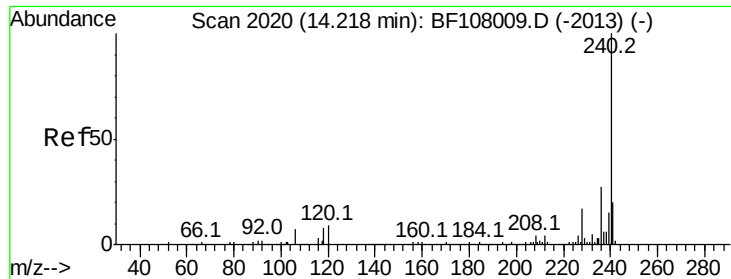


Abundance Ion 188.00 (187.70 to 188.70): E

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# 2016

Delta R.T. -0.01 min

Lab File: BF108589.D

Acq: 29 Aug 2018 6:59

Instrument :

BNA_F

ClientSampleId :

082418-DBRI-F-U-S

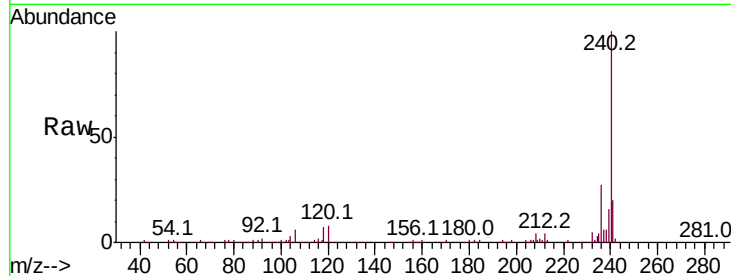
Tot Ion:240 Resp: 266915

Ion Ratio Lower Upper

240 100

120 8.5 9.5 14.3#

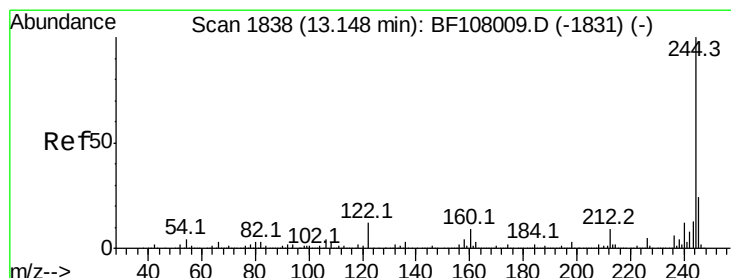
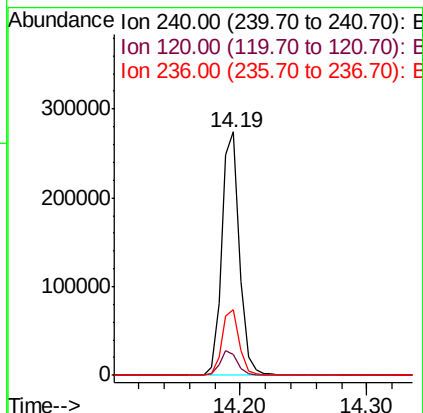
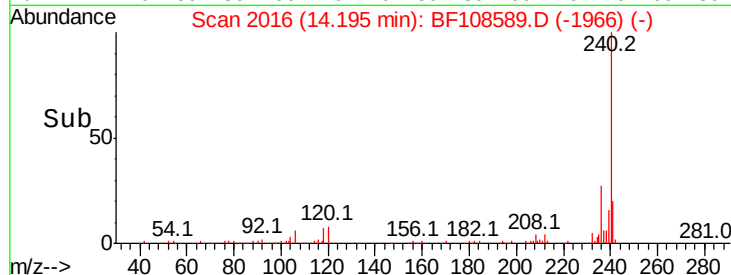
236 26.9 20.7 31.1



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: 89.724 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108589.D

Acq: 29 Aug 2018 6:59

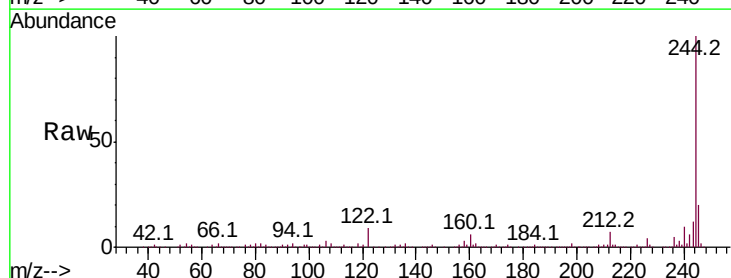
Tgt Ion:244 Resp: 941913

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

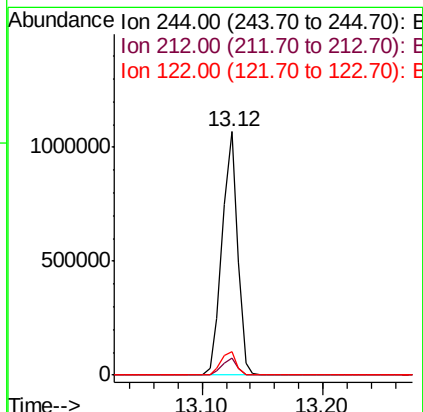
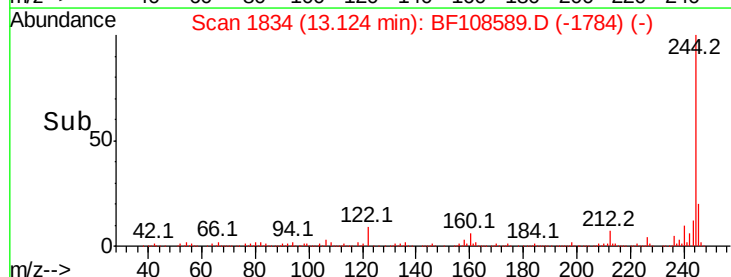
122 9.4 11.0 16.4#

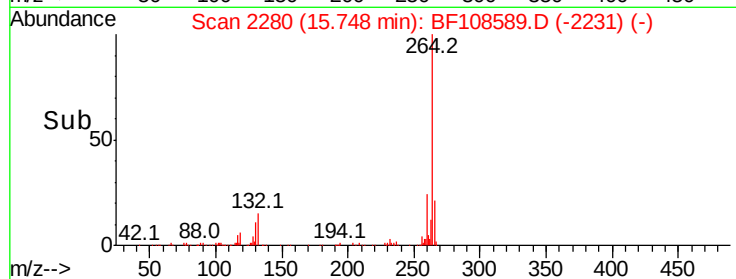
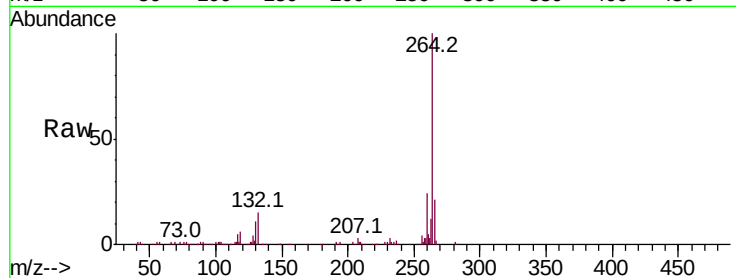
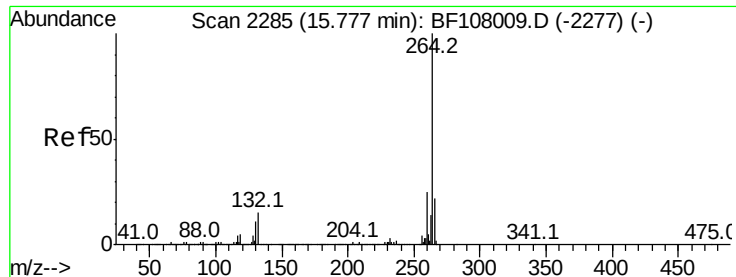


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108589.D

Acq: 29 Aug 2018 6:59

Instrument :

BNA_F

ClientSampleId :

082418-DBRI-F-U-S

Tot Ion:264 Resp: 211004

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.3 17.5 26.3

