

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
 Data File : BF108586.D
 Acq On : 29 Aug 2018 5:37
 Operator : JU/SJ
 Sample : J4656-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: Aug 29 08:09:34 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

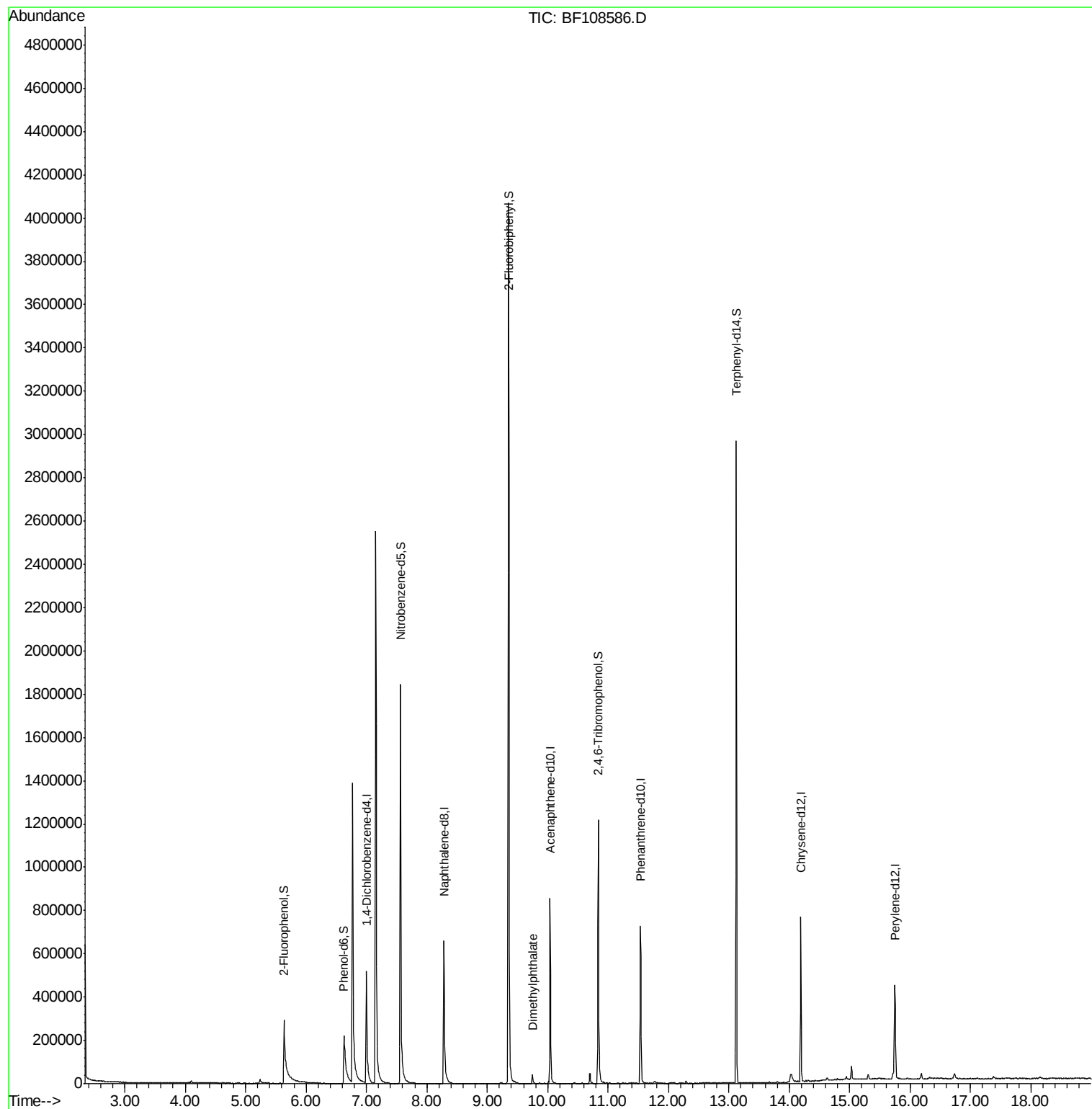
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	113613	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	418048	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	183313	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	300974	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	288261	20.00	ng	-0.01
86) Perylene-d12	15.75	264	227601	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	225794	35.98	ng	0.00
7) Phenol-d6	6.63	99	199887	23.97	ng	0.00
23) Nitrobenzene-d5	7.57	82	762111	101.73	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	163052	89.17	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1371807	120.14	ng	-0.01
78) Terphenyl-d14	13.12	244	1015525	89.57	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.75	163	26982	2.113	ng	98

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

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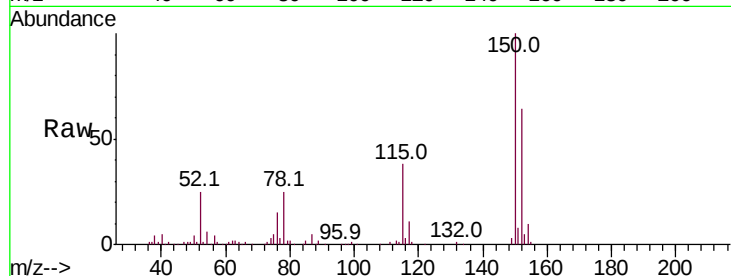


#1

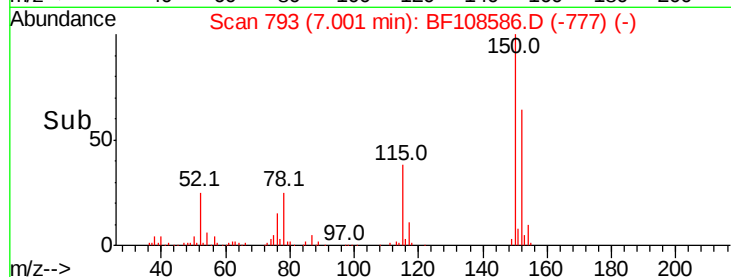
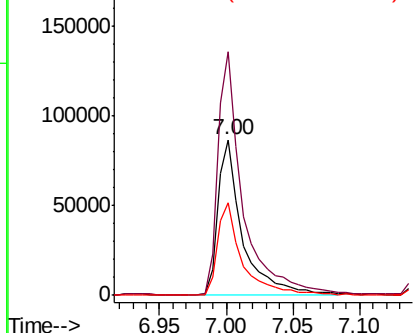
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108586.D
Acq: 29 Aug 2018 5:37

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

Tot Ion:152 Resp: 113613
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 59.5 50.1 75.1



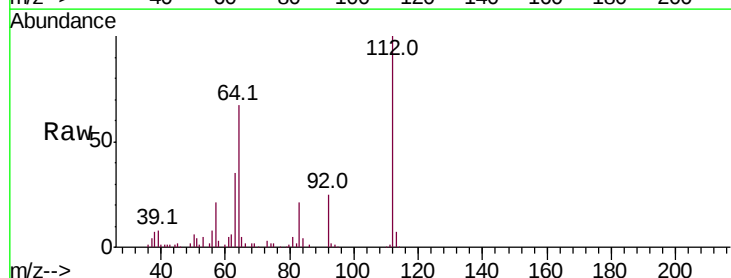
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



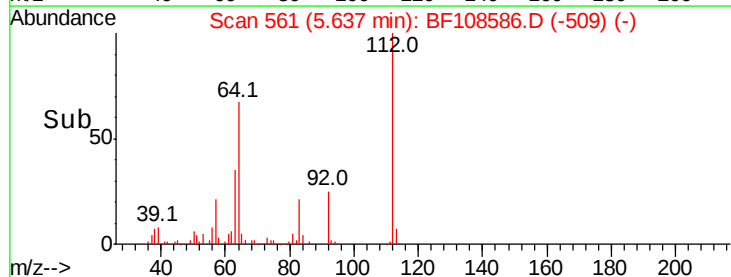
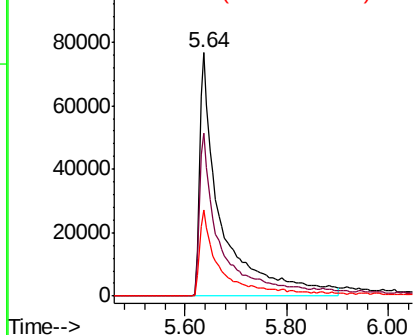
#5

2-Fluorophenol
Concen: 35.981 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108586.D
Acq: 29 Aug 2018 5:37

Tgt Ion:112 Resp: 225794
Ion Ratio Lower Upper
112 100
64 67.2 47.9 71.9
63 35.4 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: 23.970 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108586.D

Acq: 29 Aug 2018 5:37

Instrument :

BNA_F

ClientSampleId :

082418-DBRI-F-D-S

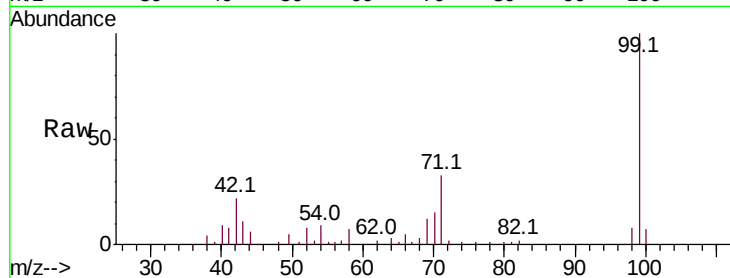
Tot Ion: 99 Resp: 199887

Ion Ratio Lower Upper

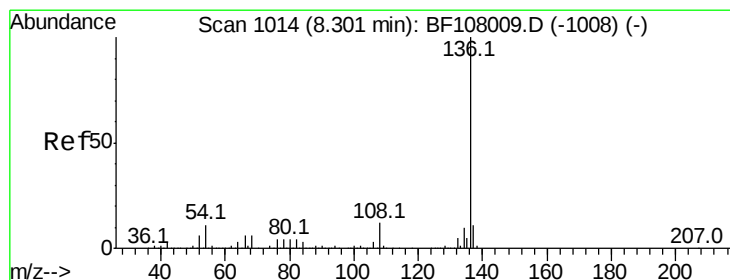
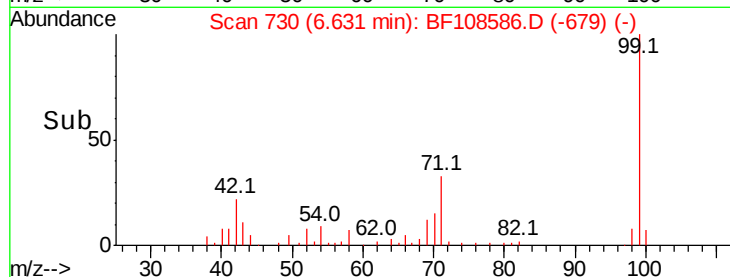
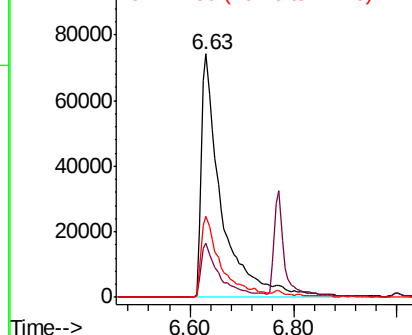
99 100

42 22.4 14.5 21.7#

71 33.2 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: BF108586.D

Acq: 29 Aug 2018 5:37

Tgt Ion: 136 Resp: 418048

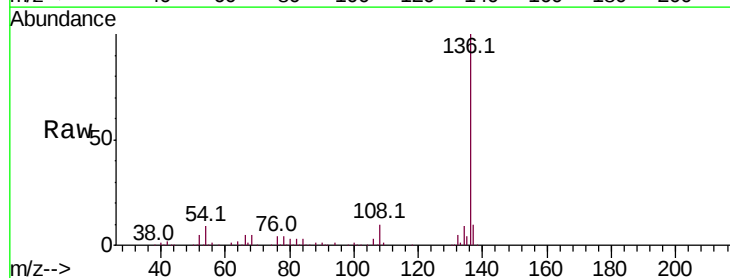
Ion Ratio Lower Upper

136 100

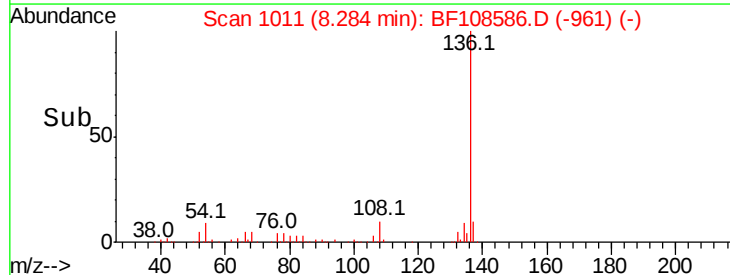
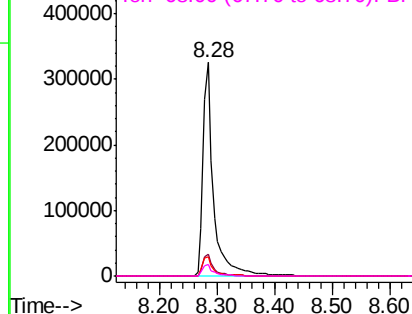
137 10.4 8.9 13.3

54 8.7 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

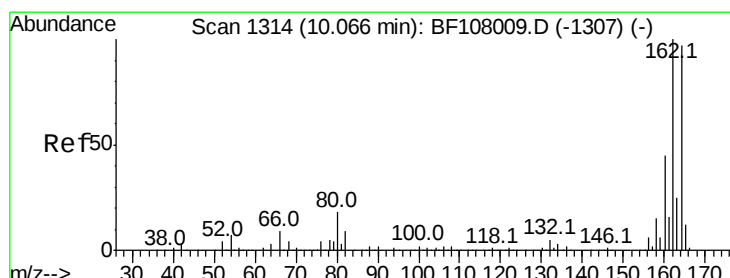
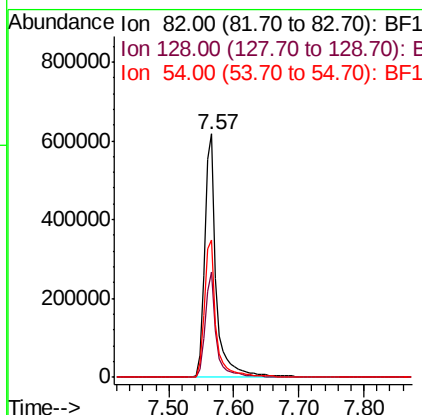
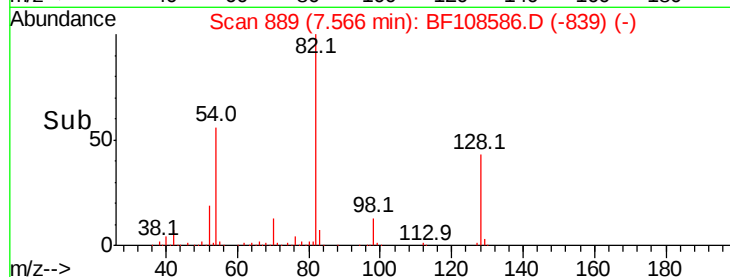
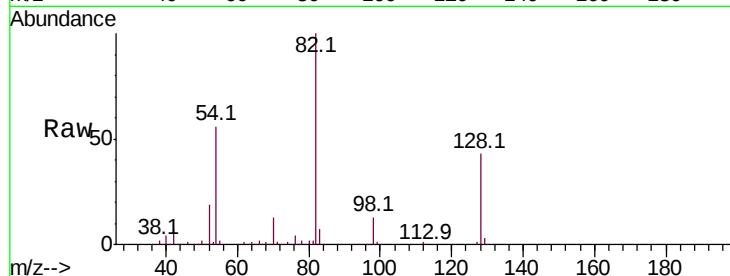




#23
 Nitrobenzene-d5
 Concen: 101.727 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108586.D
 Acq: 29 Aug 2018 5:37

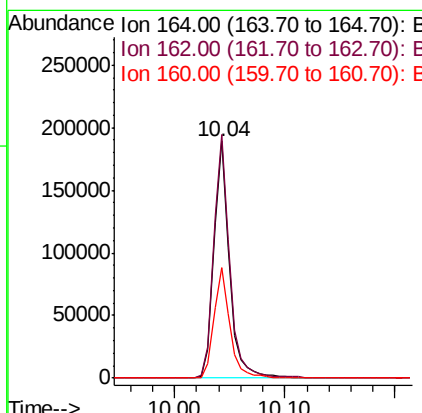
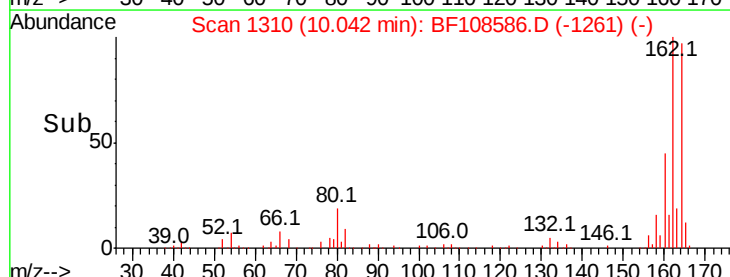
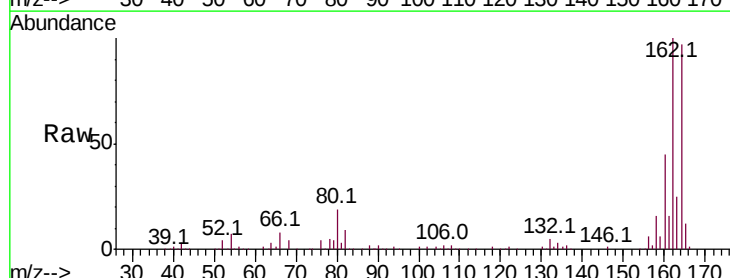
Instrument :
 BNA_F
 ClientSampleId :
 082418-DBRI-F-D-S

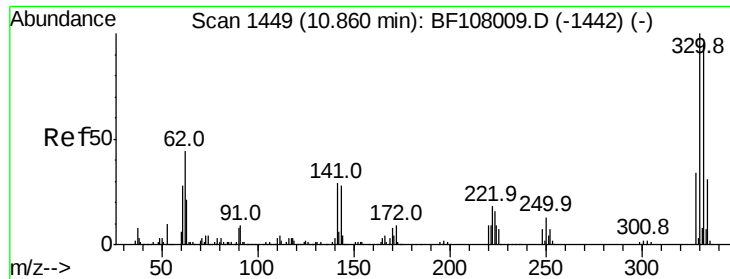
Tot Ion	82	Resp	762111
Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.1	54.1
54	56.4	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108586.D
 Acq: 29 Aug 2018 5:37

Tgt Ion	164	Resp	183313
Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	46.6	38.3	57.5

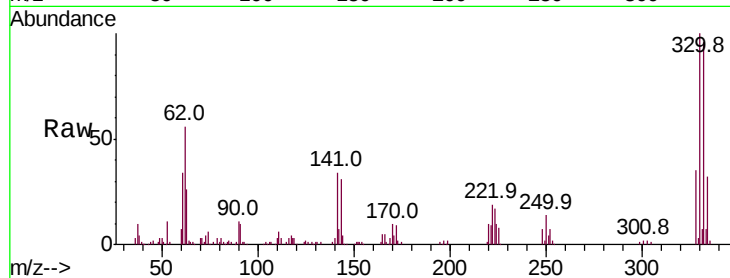




#41
 2,4,6-Tribromophenol
 Concen: 89.173 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108586.D
 Acq: 29 Aug 2018 5:37

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	32.2	29.9	44.9

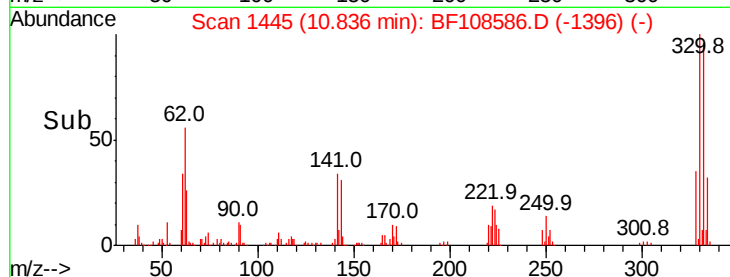
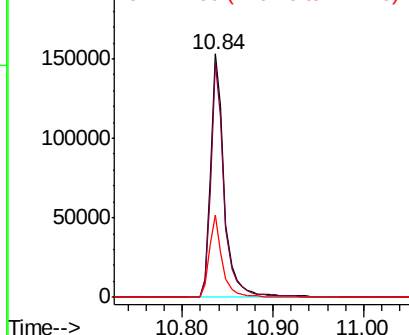


Abundance

Ion 329.80 (329.50 to 330.50): E

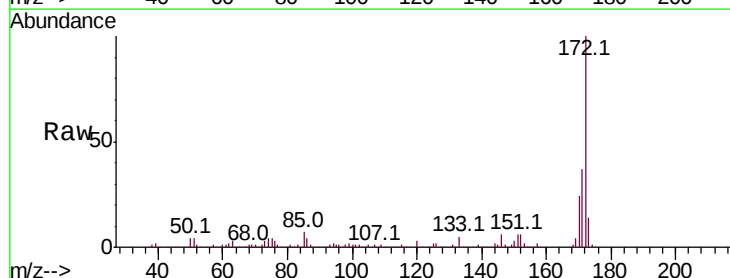
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 120.144 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108586.D
 Acq: 29 Aug 2018 5:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.5	19.6	29.4

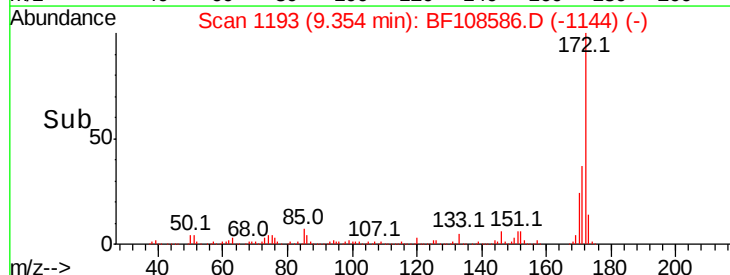
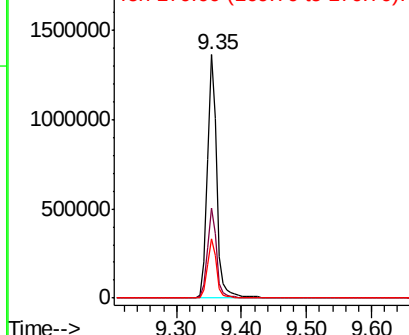


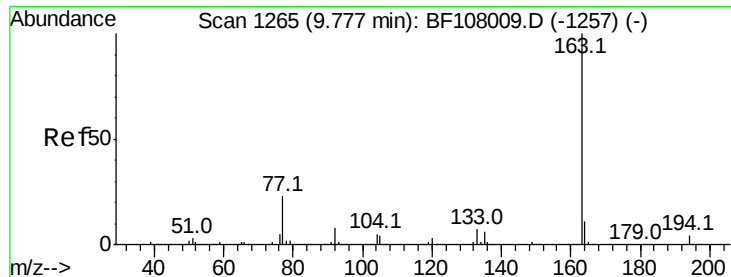
Abundance

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

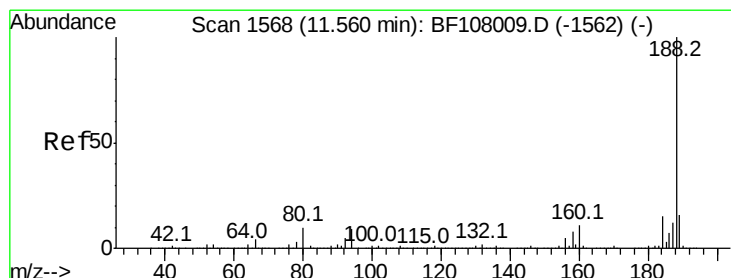
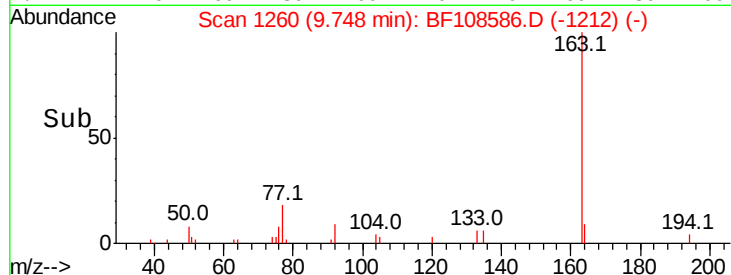
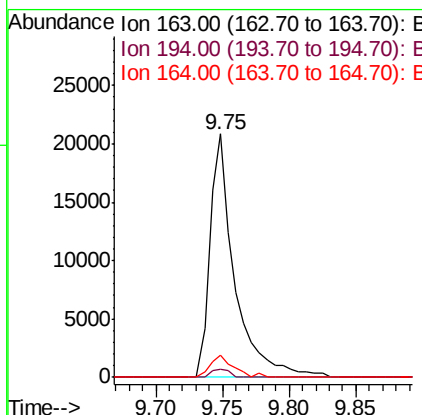
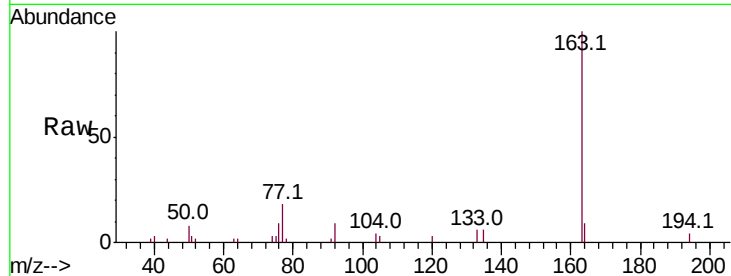




#49
Dimethylphthalate
Concen: 2.113 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108586.D
Acq: 29 Aug 2018 5:37

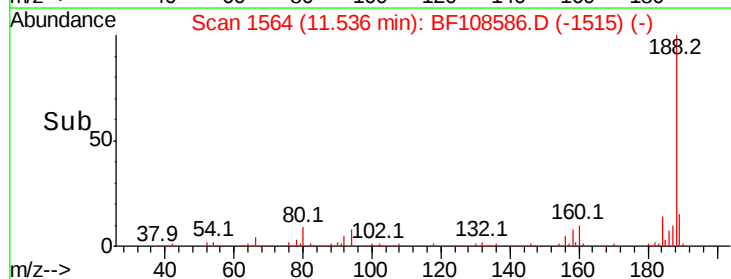
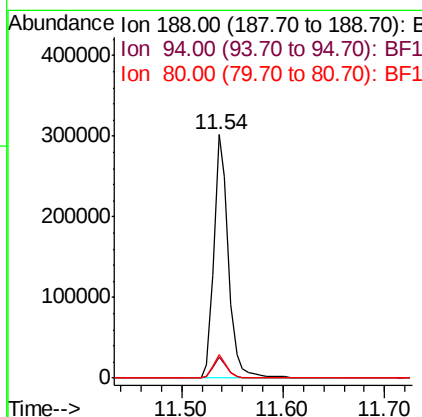
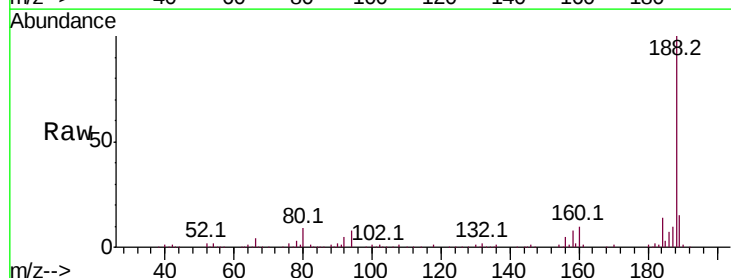
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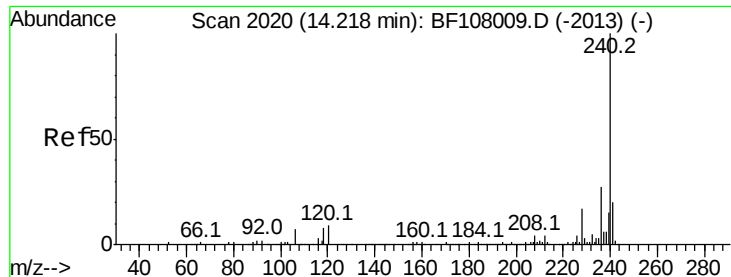
Tot Ion:163 Resp: 26982
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.3 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108586.D
Acq: 29 Aug 2018 5:37

Tgt Ion:188 Resp: 300974
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 9.5 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108586.D

Acq: 29 Aug 2018 5:37

Instrument :

BNA_F

ClientSampleId :

082418-DBRI-F-D-S

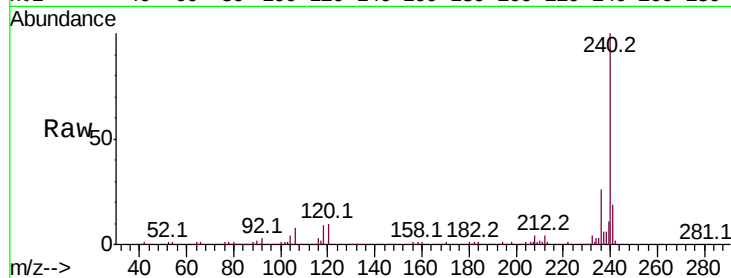
Tot Ion:240 Resp: 288261

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

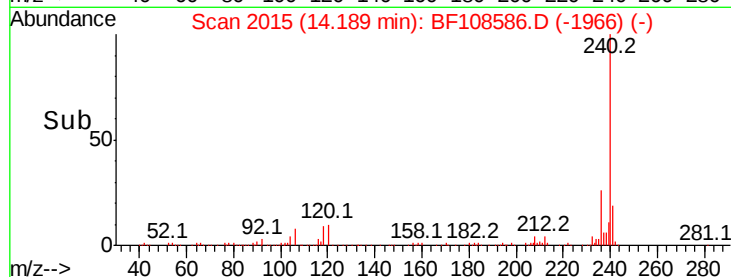
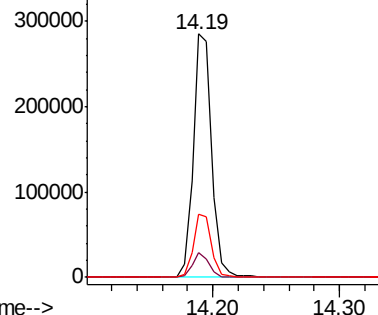
236 25.7 20.7 31.1



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: 89.573 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108586.D

Acq: 29 Aug 2018 5:37

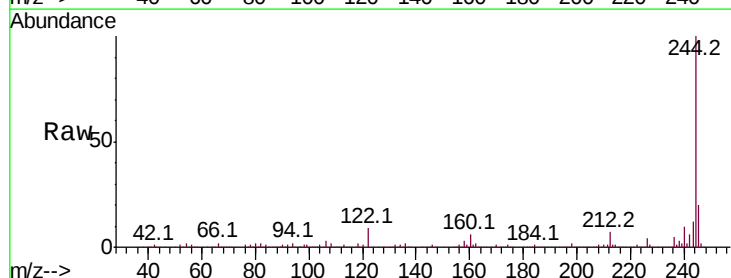
Tgt Ion:244 Resp: 1015525

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

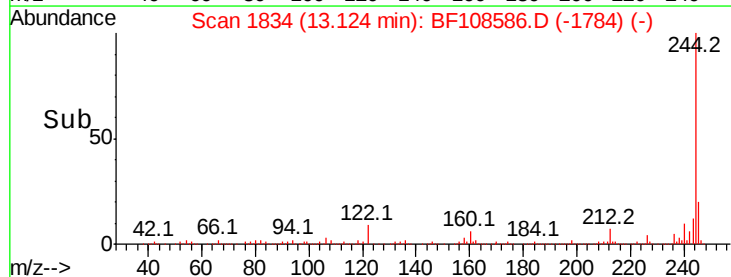
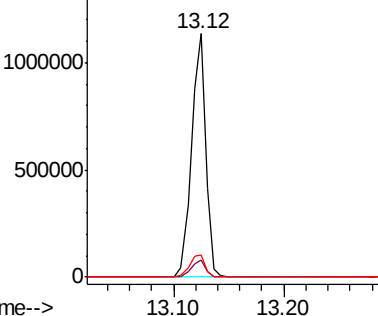
122 9.0 11.0 16.4#

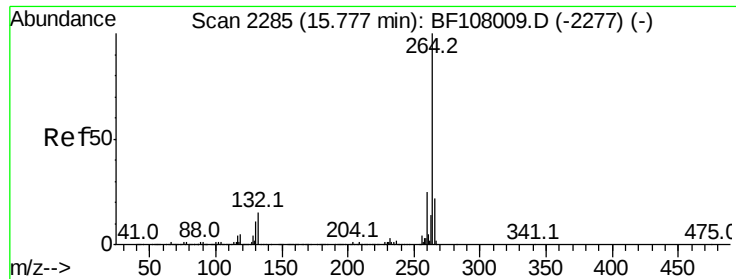


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108586.D
Acq: 29 Aug 2018 5:37

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

Tot Ion:	264	Resp:	227601
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.6	17.5	26.3

