

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
 Data File : BF108558.D
 Acq On : 28 Aug 2018 16:31
 Operator : JU/SJ
 Sample : J4280-03 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-05-082418-B

Quant Time: Aug 28 17:16:05 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

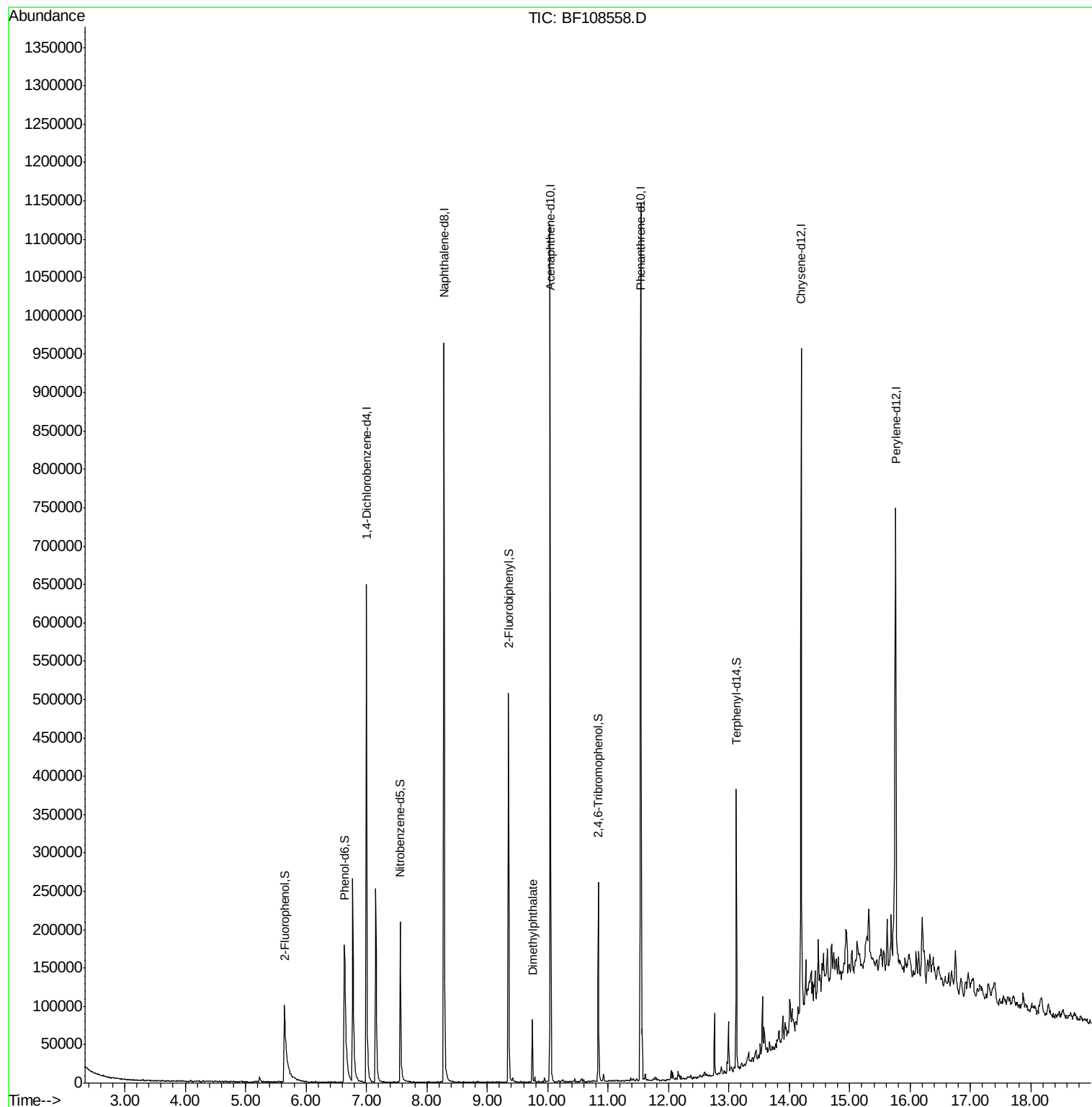
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	113974	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	453502	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	224926	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	409083	20.00	ng	0.00
75) Chrysene-d12	14.19	240	277475	20.00	ng	0.00
86) Perylene-d12	15.76	264	299405	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	79245	12.59	ng	0.01
7) Phenol-d6	6.64	99	126632	15.14	ng	0.00
23) Nitrobenzene-d5	7.56	82	79286	9.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	32228	14.36	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	159617	11.39	ng	-0.01
78) Terphenyl-d14	13.12	244	123958	11.36	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.75	163	34669	2.213	ng	98

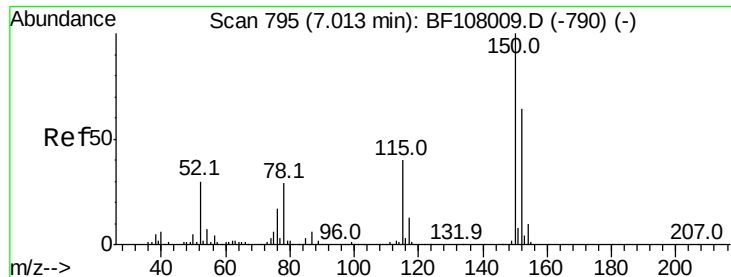
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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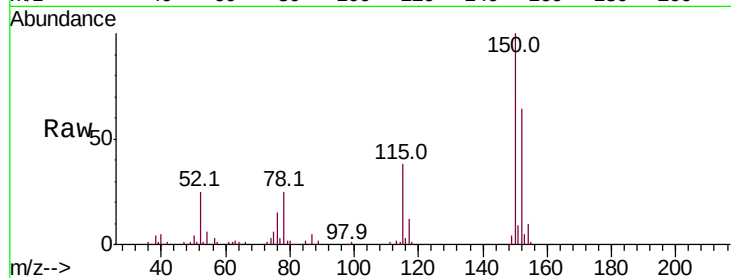


#1

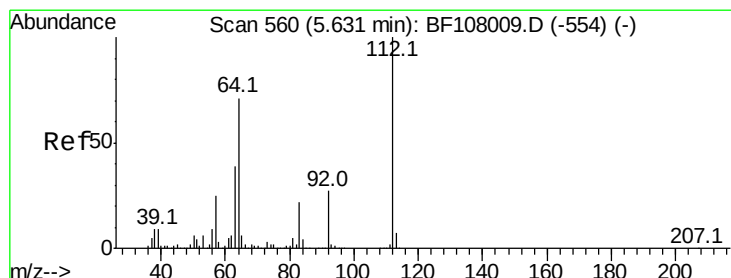
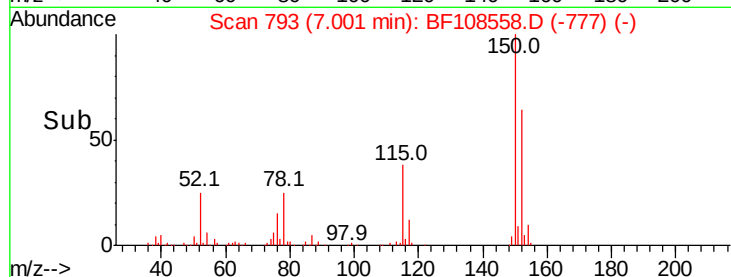
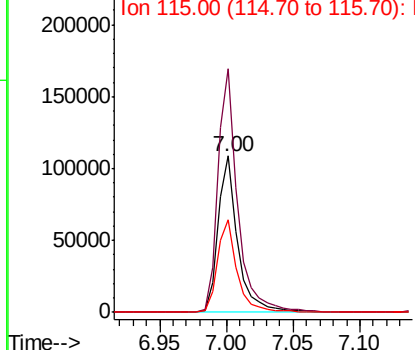
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108558.D
Acq: 28 Aug 2018 16:31

Instrument :
BNA_F
ClientSampleId :
PL-05-082418-B

Tot Ion:152 Resp: 113974
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 59.1 50.1 75.1



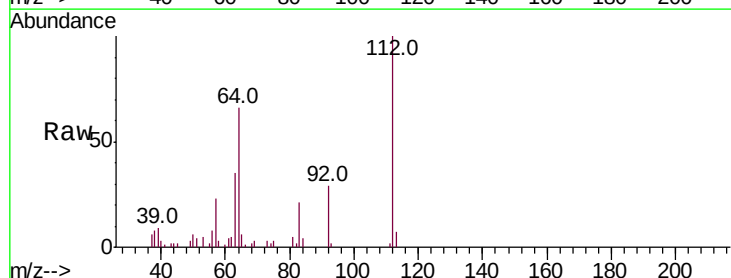
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



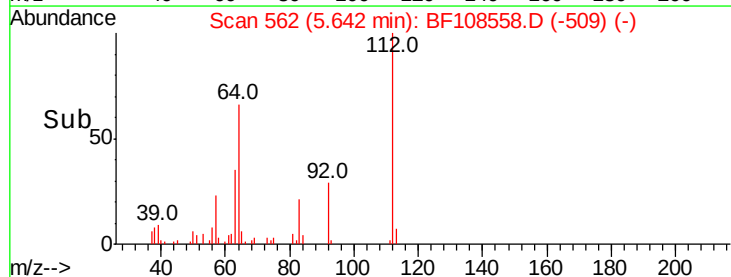
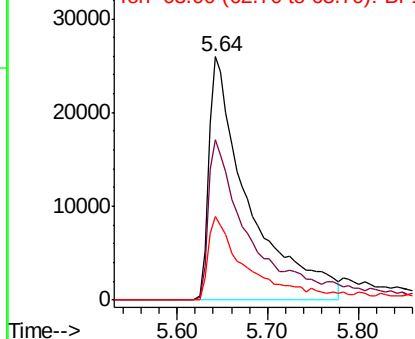
#5

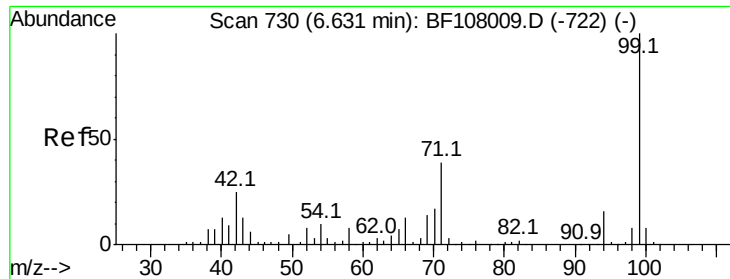
2-Fluorophenol
Concen: 12.588 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108558.D
Acq: 28 Aug 2018 16:31

Tgt Ion:112 Resp: 79245
Ion Ratio Lower Upper
112 100
64 65.8 47.9 71.9
63 34.5 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: 15.137 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108558.D

Acq: 28 Aug 2018 16:31

Instrument :

BNA_F

ClientSampleId :

PL-05-082418-B

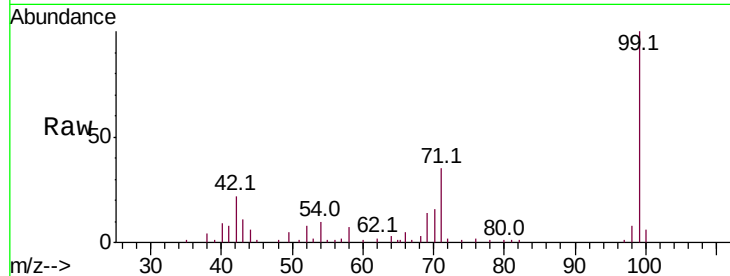
Tot Ion: 99 Resp: 126632

Ion Ratio Lower Upper

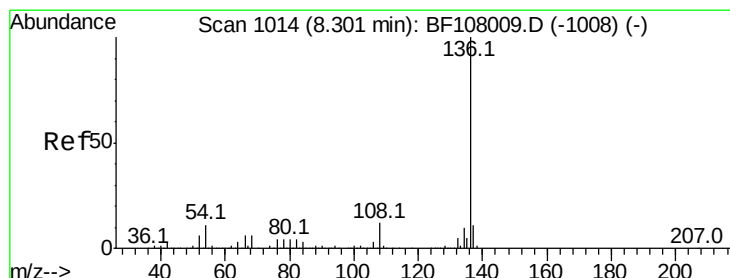
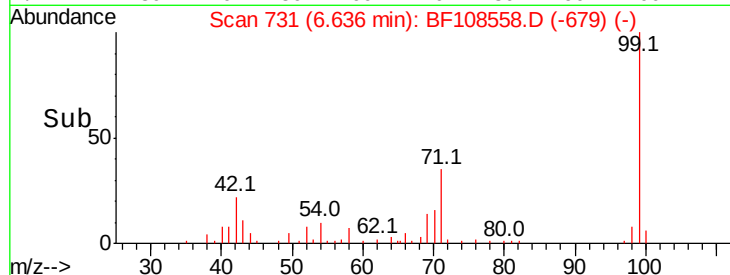
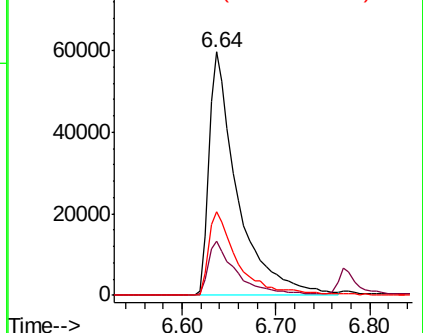
99 100

42 22.2 14.5 21.7#

71 34.6 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: BF108558.D

Acq: 28 Aug 2018 16:31

Tgt Ion: 136 Resp: 453502

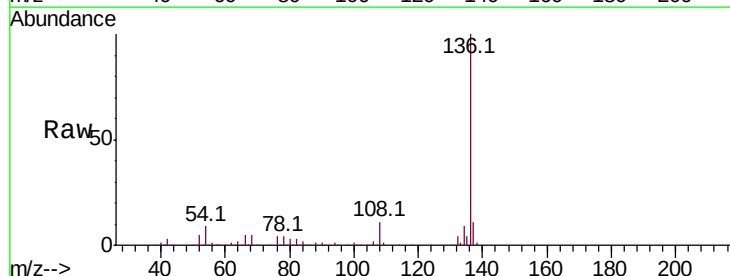
Ion Ratio Lower Upper

136 100

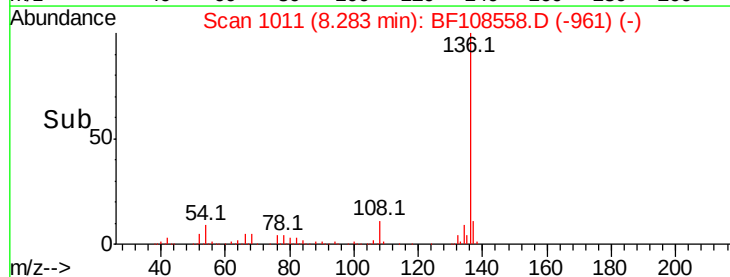
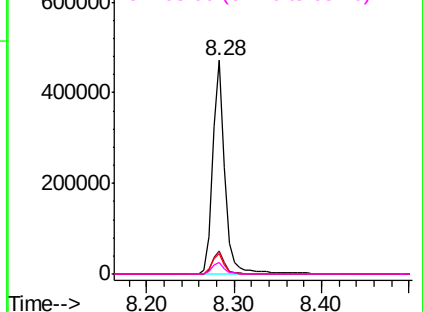
137 10.8 8.9 13.3

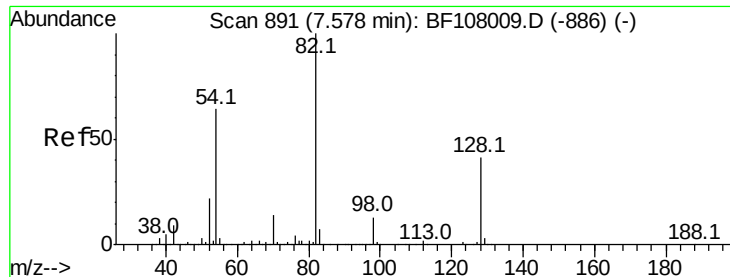
54 9.4 6.6 9.8

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

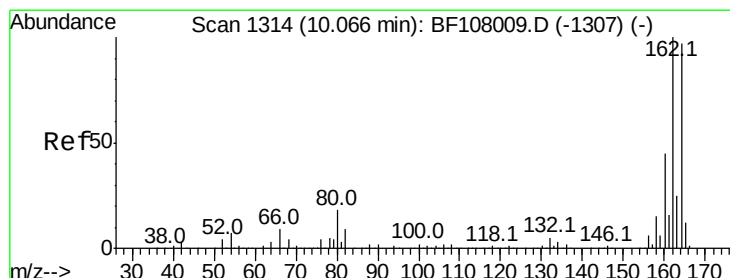
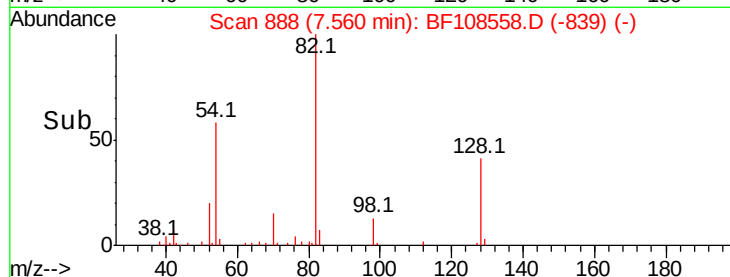
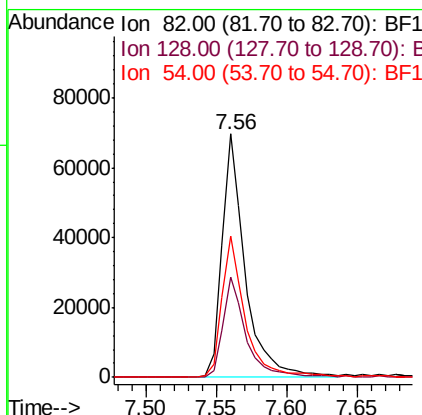
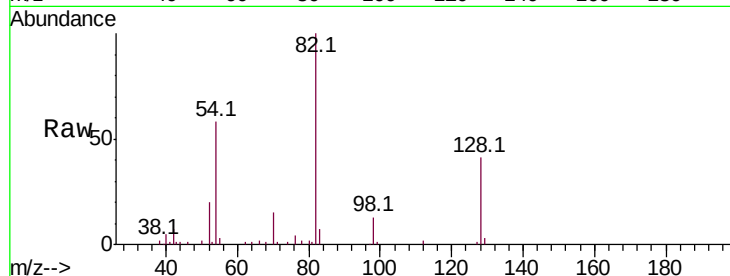




#23
 Nitrobenzene-d5
 Concen: 9.756 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF108558.D
 Acq: 28 Aug 2018 16:31

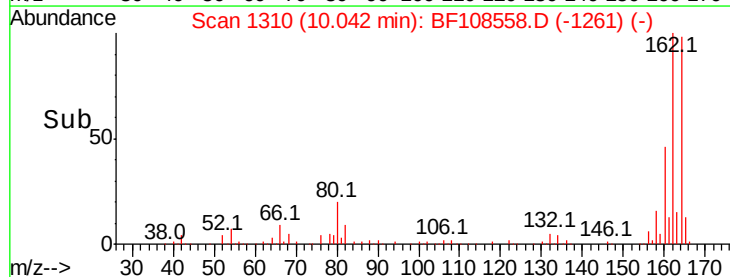
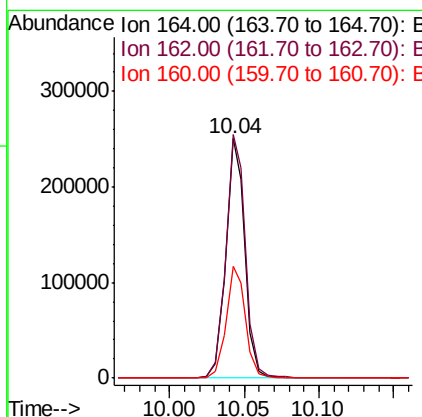
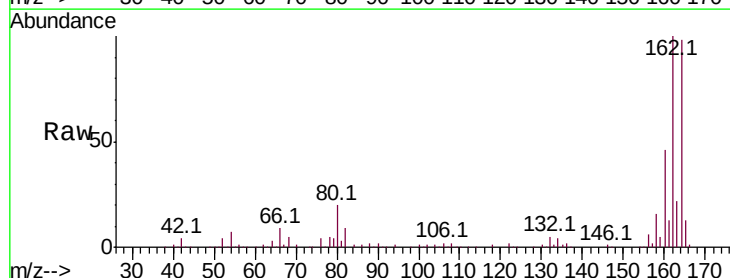
Instrument :
 BNA_F
 ClientSampleId :
 PL-05-082418-B

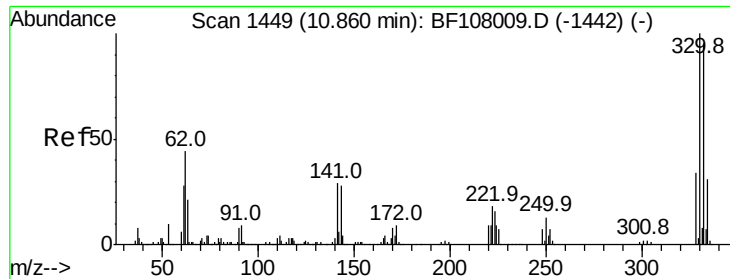
Tot Ion	82	Resp	79286
Ion Ratio	Lower	Upper	
82	100		
128	41.1	36.1	54.1
54	58.2	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108558.D
 Acq: 28 Aug 2018 16:31

Tgt Ion	164	Resp	224926
Ion Ratio	Lower	Upper	
164	100		
162	101.7	86.1	129.1
160	46.5	38.3	57.5

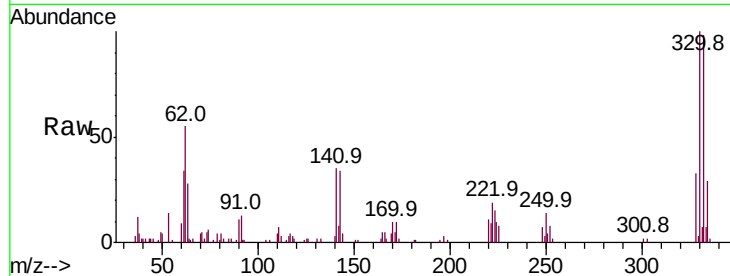




#41
 2,4,6-Tribromophenol
 Concen: 14.365 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108558.D
 Acq: 28 Aug 2018 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PL-05-082418-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.6
141	33.5	29.9	44.9

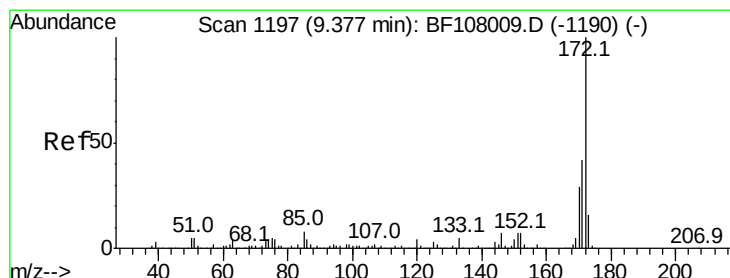
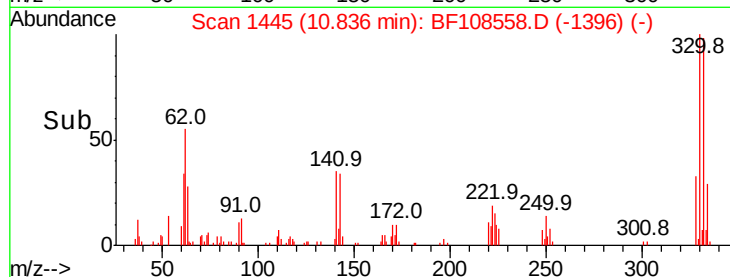
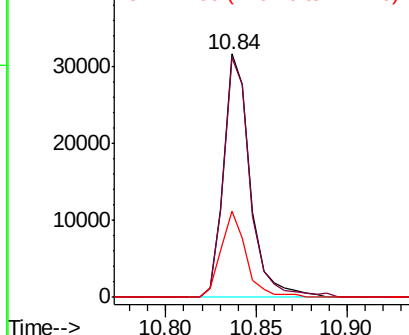


Abundance

Ion 329.80 (329.50 to 330.50): E

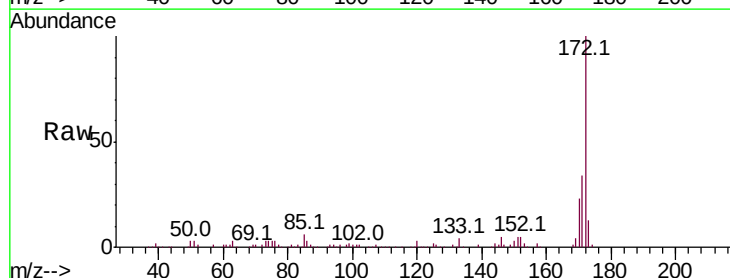
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 11.393 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108558.D
 Acq: 28 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.7	44.5
170	22.7	19.6	29.4

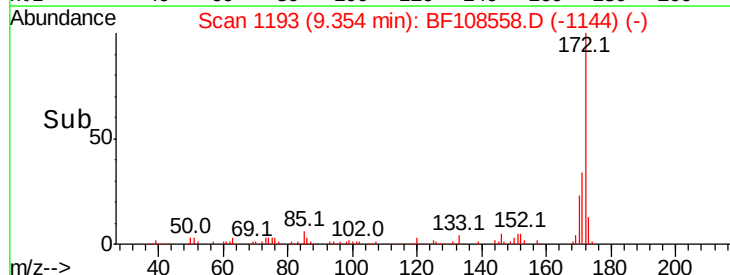
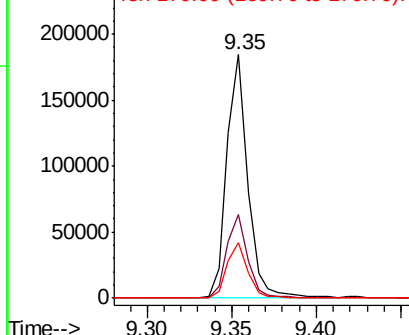


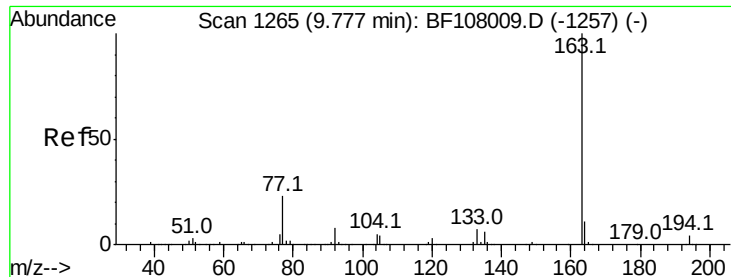
Abundance

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

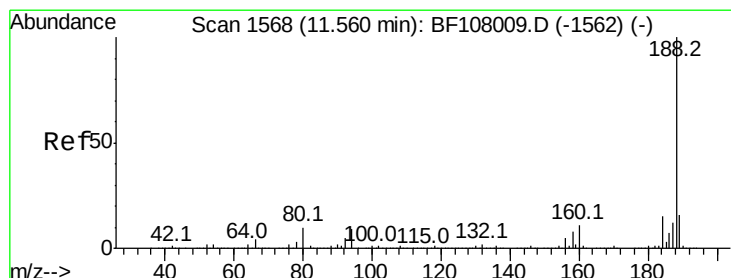
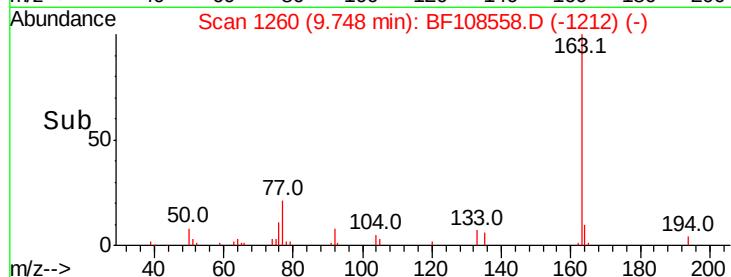
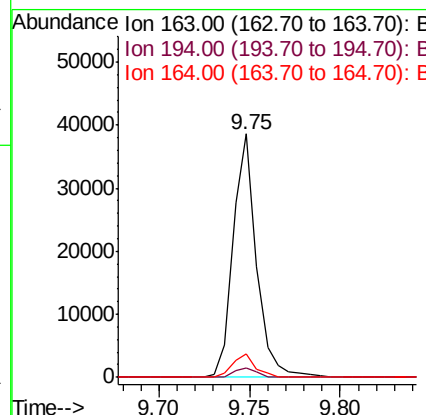
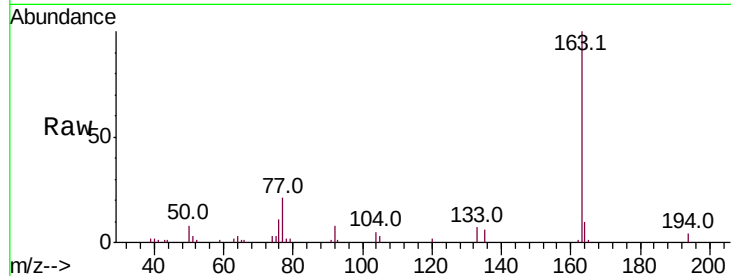




#49
Dimethylphthalate
Concen: 2.213 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108558.D
Acq: 28 Aug 2018 16:31

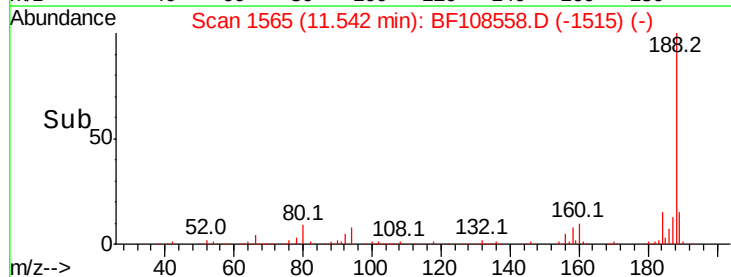
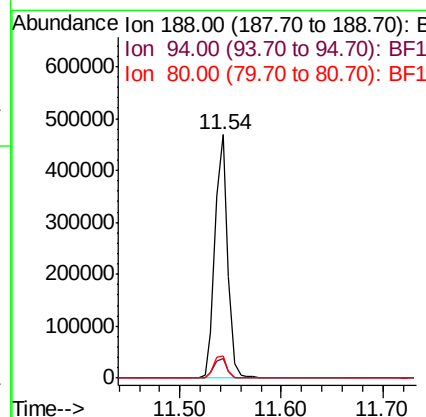
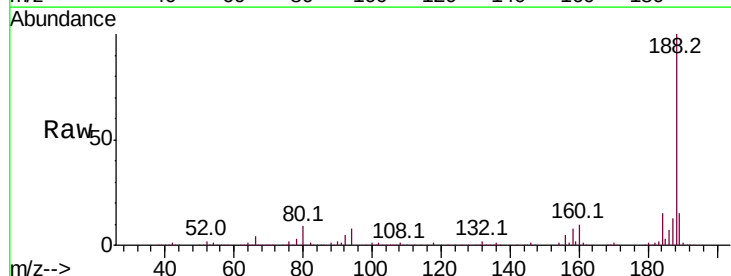
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PL-05-082418-B

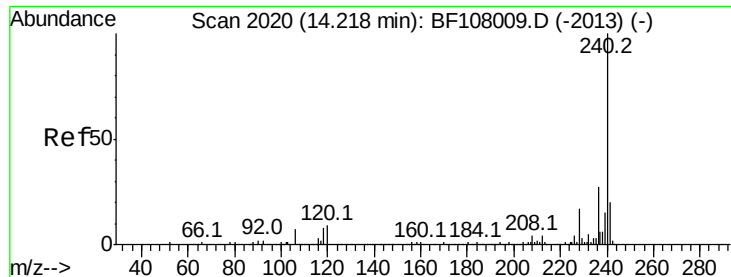
Tot Ion:163 Resp: 34669
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.6 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108558.D
Acq: 28 Aug 2018 16:31

Tgt Ion:188 Resp: 409083
Ion Ratio Lower Upper
188 100
94 8.0 8.5 12.7#
80 9.1 9.2 13.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108558.D

Acq: 28 Aug 2018 16:31

Instrument :

BNA_F

ClientSampleId :

PL-05-082418-B

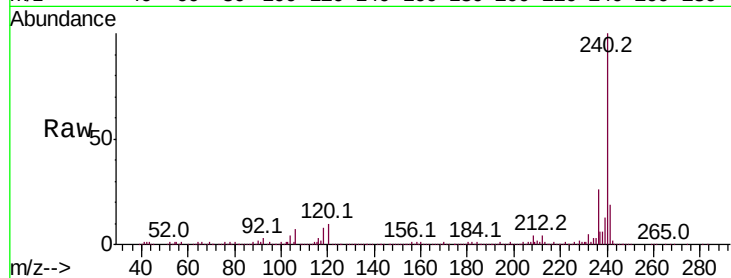
Tot Ion:240 Resp: 277475

Ion Ratio Lower Upper

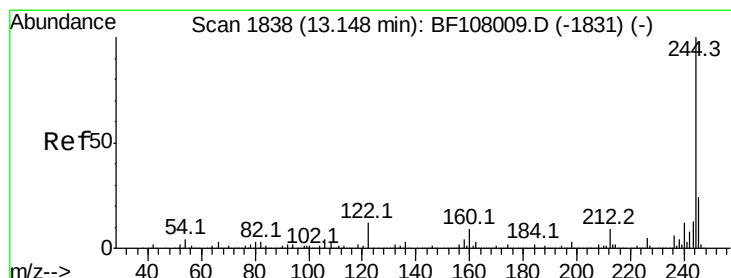
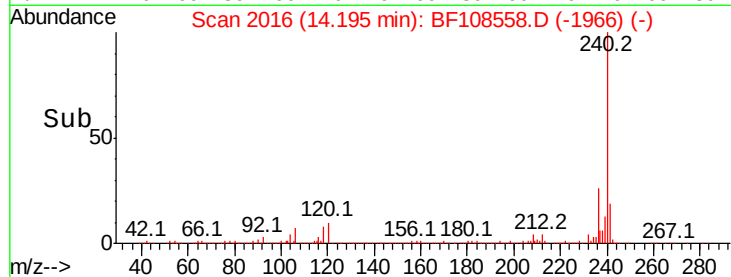
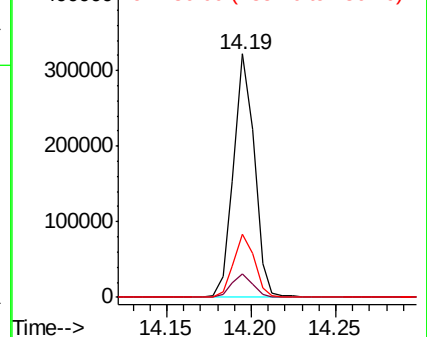
240 100

120 9.5 9.5 14.3

236 25.9 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: 11.359 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108558.D

Acq: 28 Aug 2018 16:31

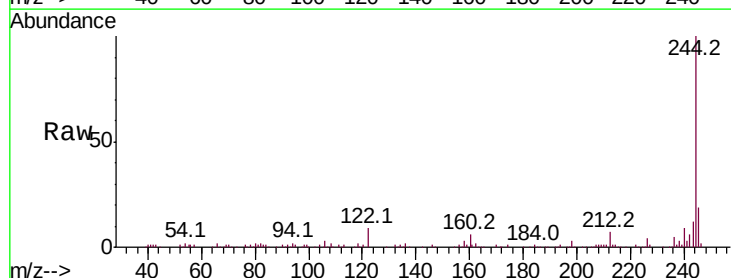
Tgt Ion:244 Resp: 123958

Ion Ratio Lower Upper

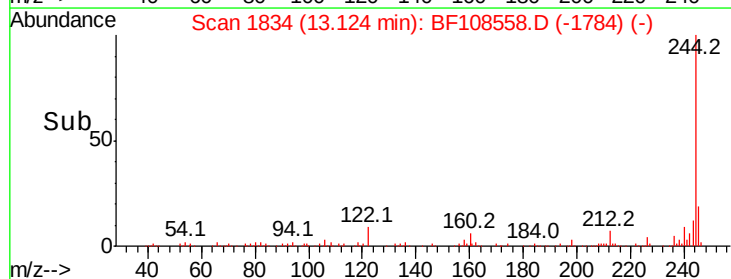
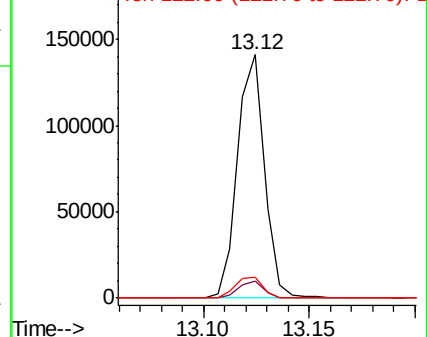
244 100

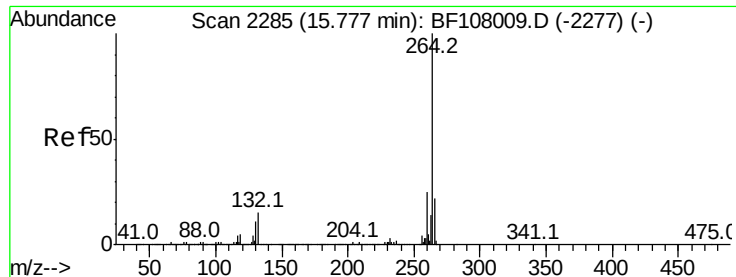
212 6.9 5.4 8.0

122 8.8 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: 15.76 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BF108558.D
Acq: 28 Aug 2018 16:31

Instrument :
BNA_F
ClientSampleId :
PL-05-082418-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.3	17.5	26.3

