

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
 Data File : BF108555.D
 Acq On : 28 Aug 2018 15:12
 Operator : JU/SJ
 Sample : J4538-03RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VSS3RE

Quant Time: Aug 28 16:31:46 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

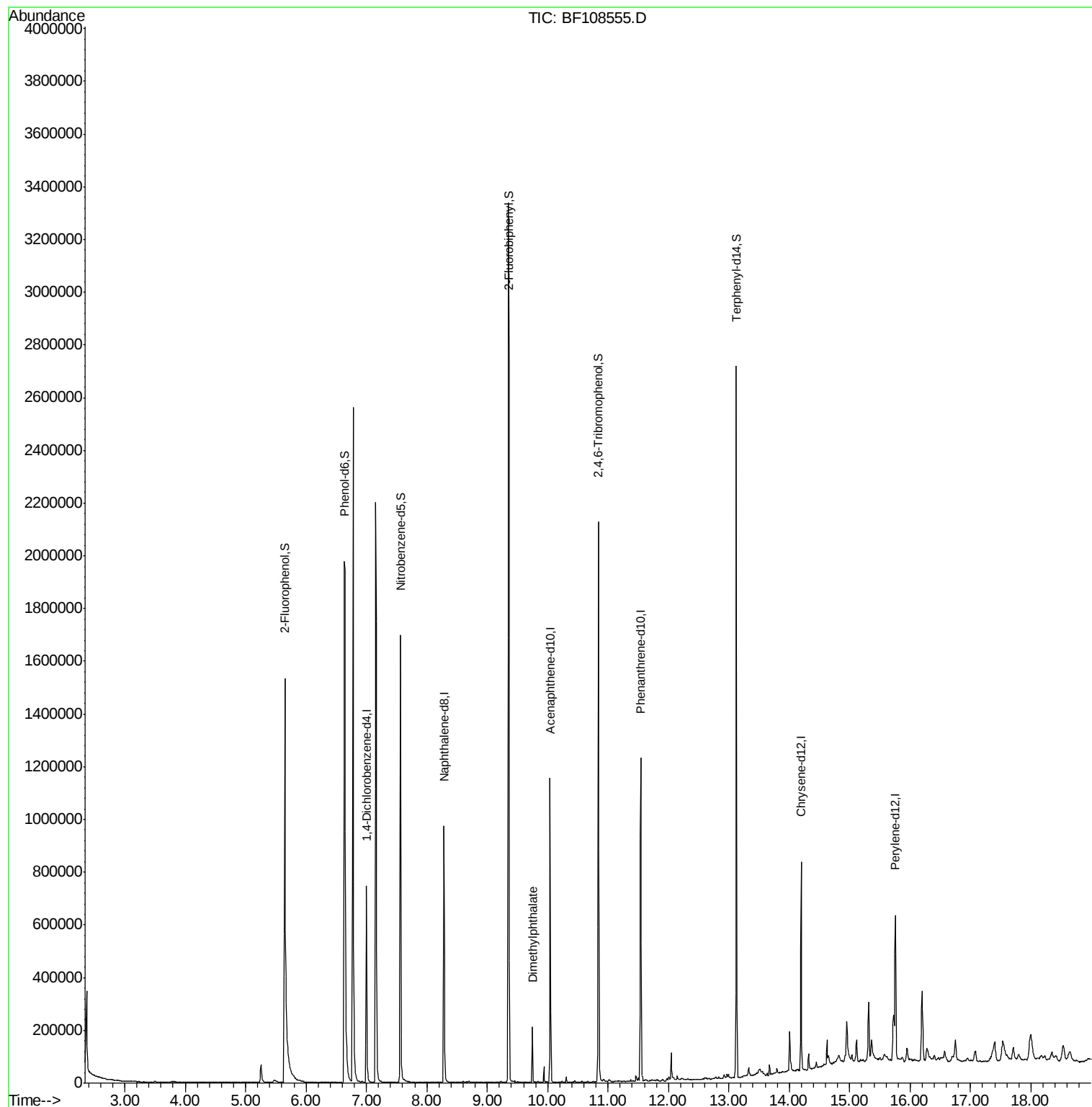
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	121214	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	463525	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	233458	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	433945	20.00	ng	0.00
75) Chrysene-d12	14.19	240	262611	20.00	ng	0.00
86) Perylene-d12	15.75	264	280897	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	715248	106.83	ng	0.02
7) Phenol-d6	6.64	99	929842	104.51	ng	0.00
23) Nitrobenzene-d5	7.57	82	609973	73.43	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	251938	108.19	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1081017	74.34	ng	-0.01
78) Terphenyl-d14	13.12	244	874973	84.71	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.75	163	81222	4.995	ng	Qvalue # 99

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

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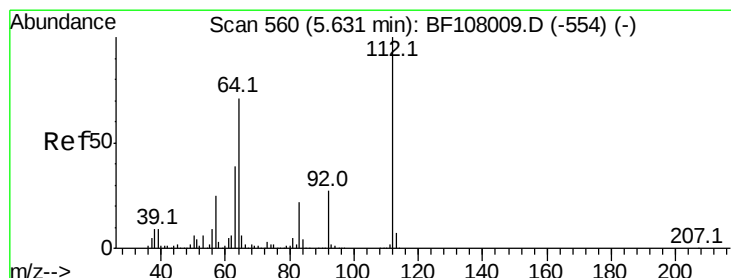
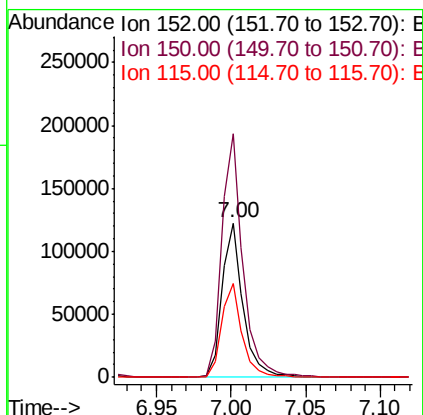
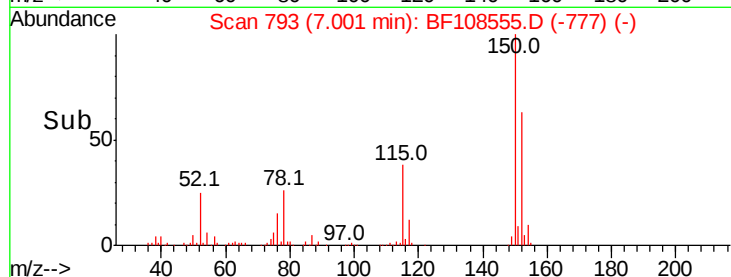
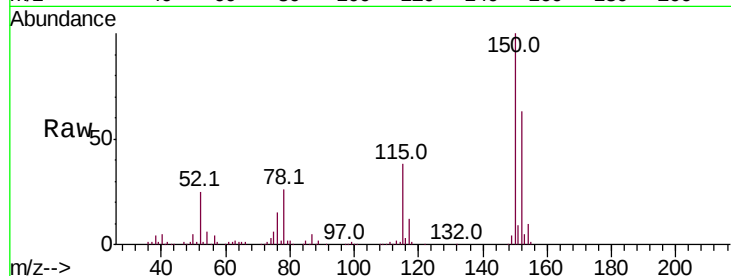


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108555.D
Acq: 28 Aug 2018 15:12

Instrument :
BNA_F
ClientSampleId :
VSS3RE

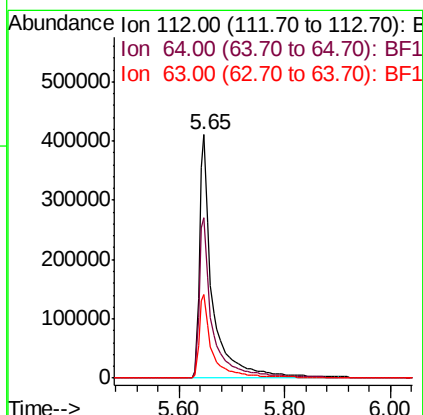
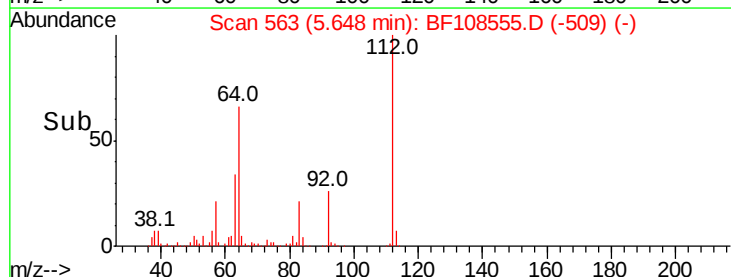
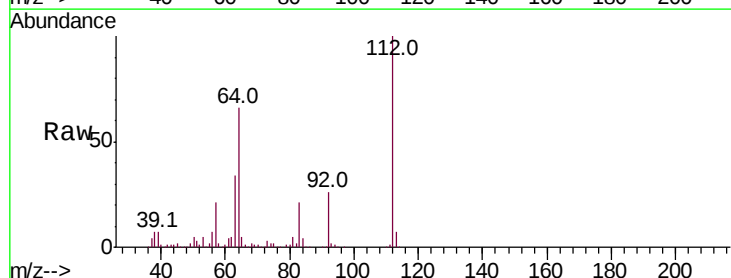
Tot Ion:152 Resp: 121214
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 60.5 50.1 75.1



#5

2-Fluorophenol
Concen: 106.830 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108555.D
Acq: 28 Aug 2018 15:12

Tgt Ion:112 Resp: 715248
Ion Ratio Lower Upper
112 100
64 65.9 47.9 71.9
63 34.4 23.7 35.5





#7

Phenol-d6

Concen: 104.511 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108555.D

Acq: 28 Aug 2018 15:12

Instrument :

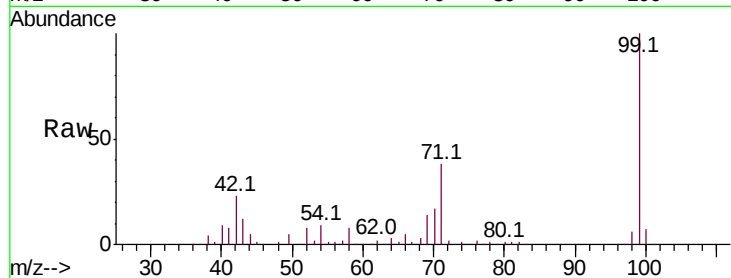
BNA_F

ClientSampleId :

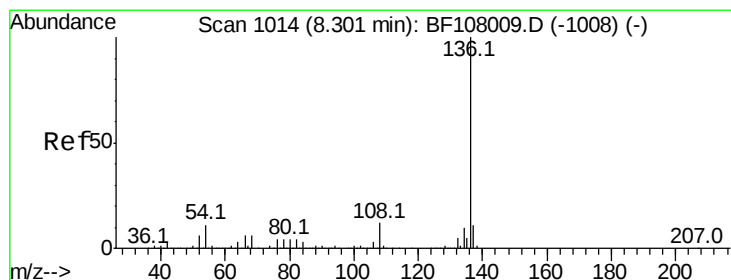
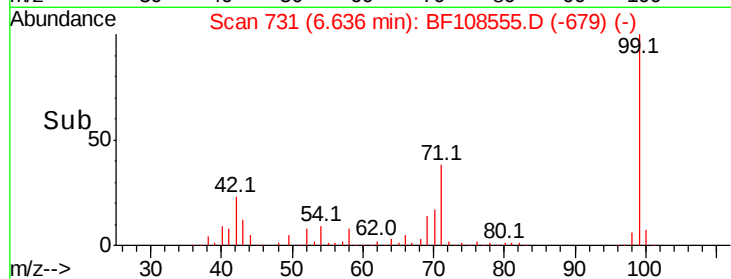
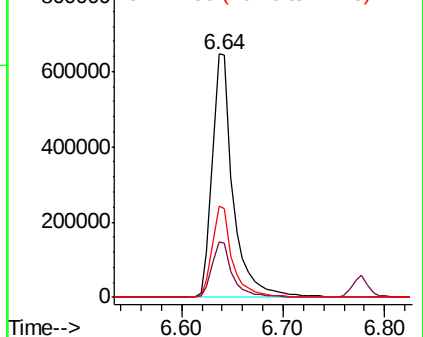
VSS3RE

Tot Ion: 99 Resp: 929842

Ion	Ratio	Lower	Upper
99	100		
42	23.0	14.5	21.7#
71	37.6	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

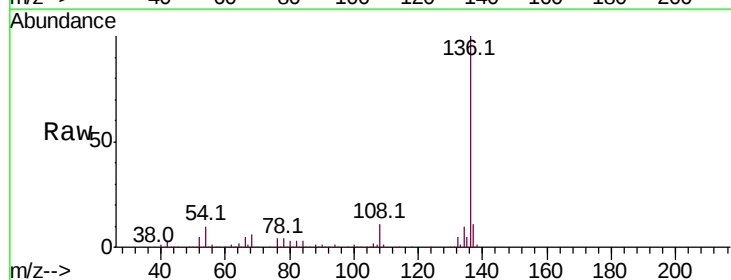
Delta R.T. -0.01 min

Lab File: BF108555.D

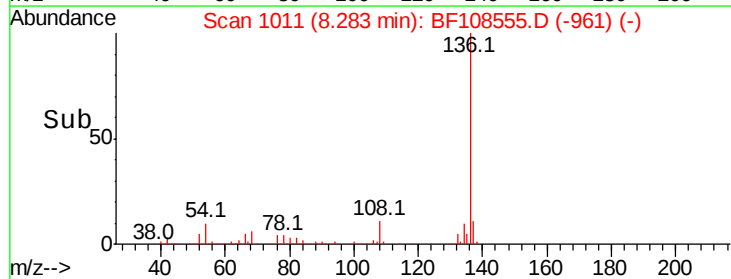
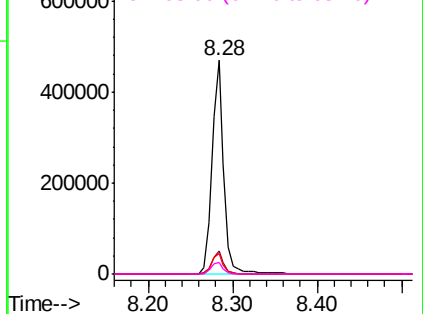
Acq: 28 Aug 2018 15:12

Tgt Ion: 136 Resp: 463525

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.5	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: 73.432 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF108555.D

Acq: 28 Aug 2018 15:12

Instrument :

BNA_F

ClientSampleId :

VSS3RE

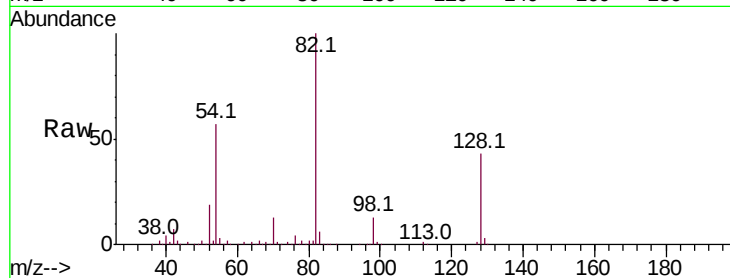
Tot Ion: 82 Resp: 609973

Ion Ratio Lower Upper

82 100

128 42.8 36.1 54.1

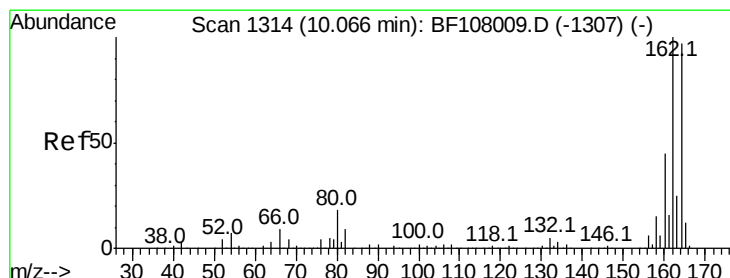
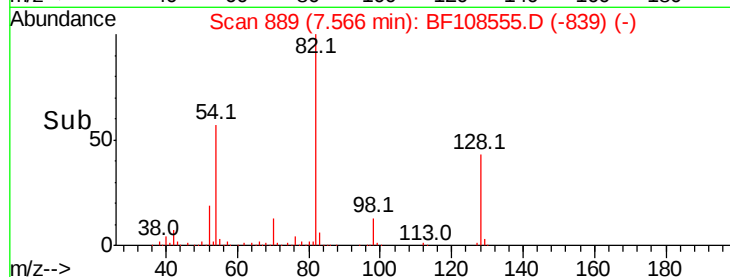
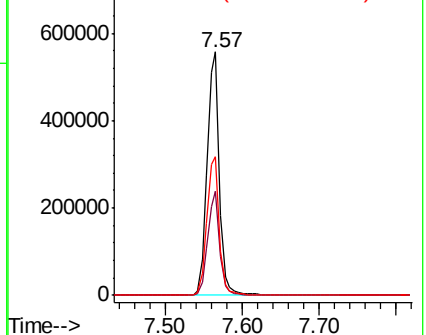
54 57.1 41.4 62.2



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: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108555.D

Acq: 28 Aug 2018 15:12

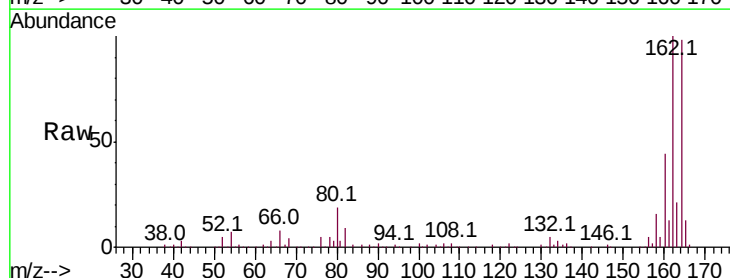
Tgt Ion:164 Resp: 233458

Ion Ratio Lower Upper

164 100

162 101.7 86.1 129.1

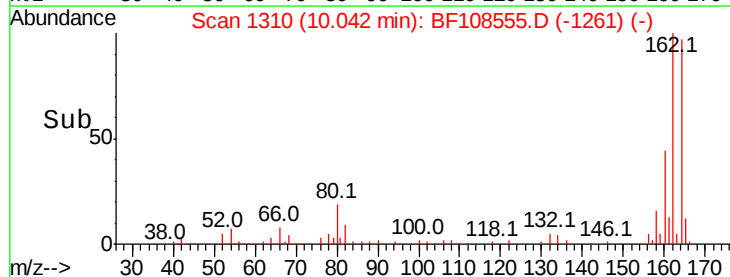
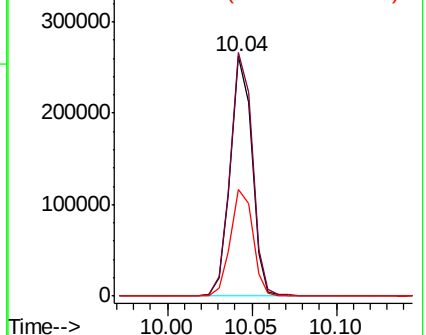
160 44.5 38.3 57.5



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

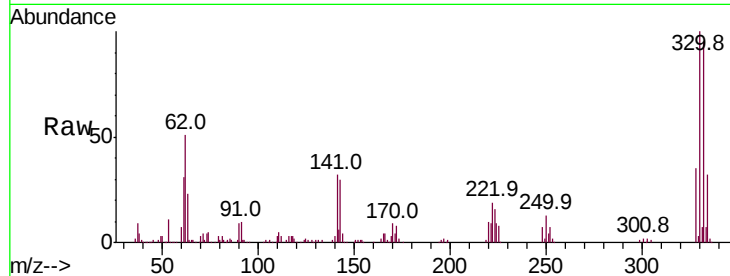




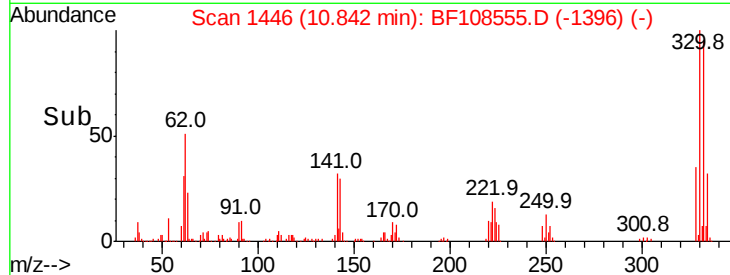
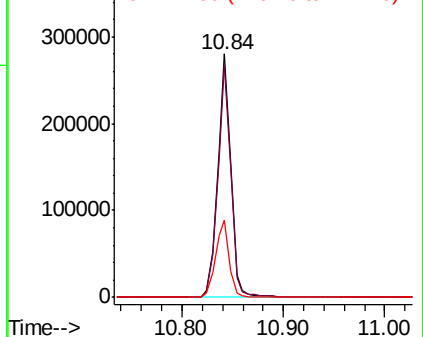
#41
 2,4,6-Tribromophenol
 Concen: 108.189 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108555.D
 Acq: 28 Aug 2018 15:12

Instrument :
 BNA_F
 ClientSampleId :
 VSS3RE

Tot Ion:330 Resp: 251938
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 32.8 29.9 44.9

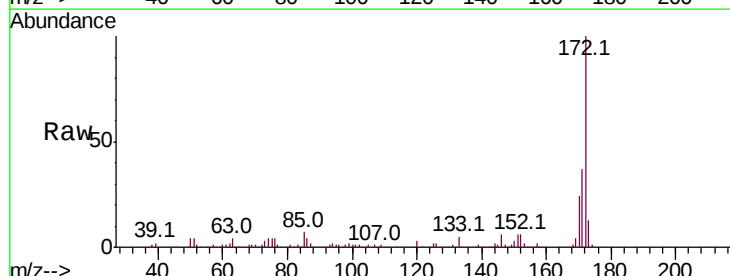


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

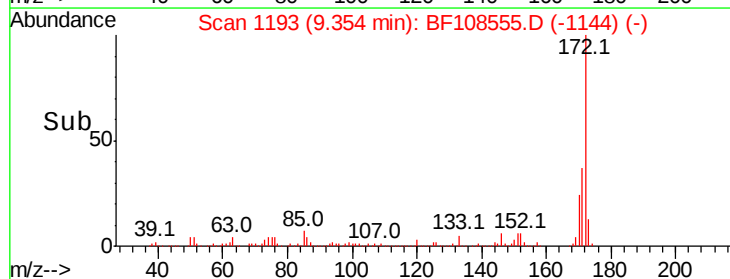
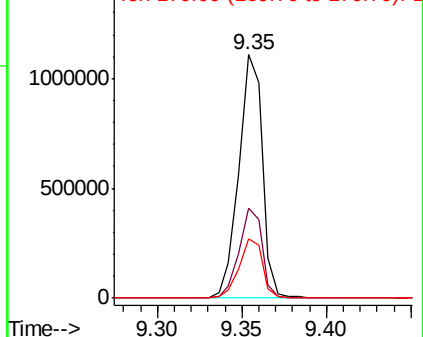


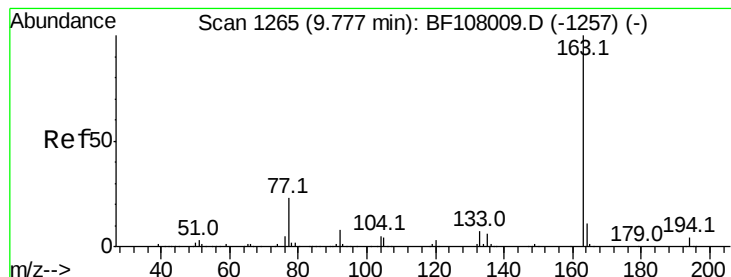
#44
 2-Fluorobiphenyl
 Concen: 74.341 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108555.D
 Acq: 28 Aug 2018 15:12

Tgt Ion:172 Resp: 1081017
 Ion Ratio Lower Upper
 172 100
 171 36.7 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: 4.995 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF108555.D

Acq: 28 Aug 2018 15:12

Instrument :

BNA_F

ClientSampleId :

VSS3RE

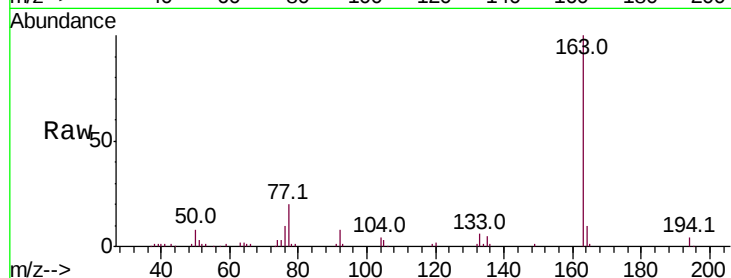
Tot Ion:163 Resp: 81222

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

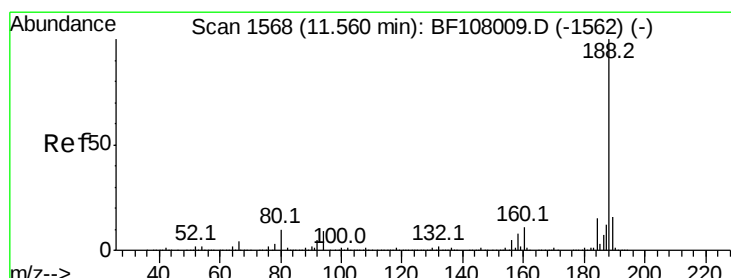
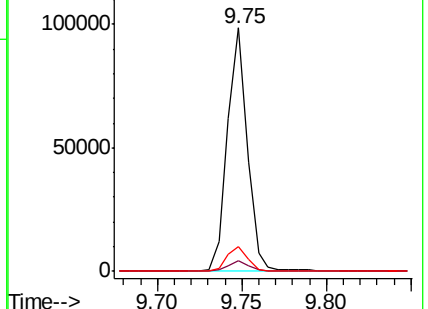
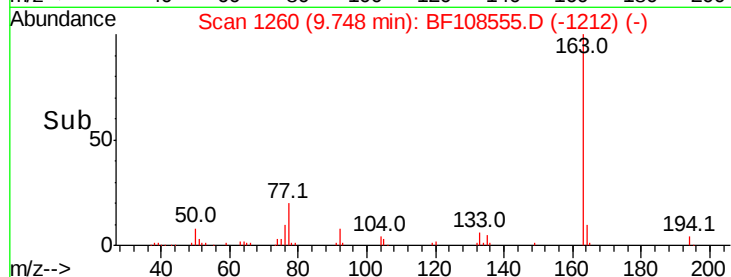
164 10.1 8.2 12.2



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# 1565

Delta R.T. -0.01 min

Lab File: BF108555.D

Acq: 28 Aug 2018 15:12

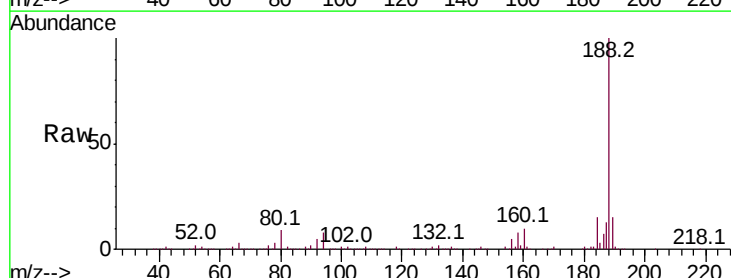
Tgt Ion:188 Resp: 433945

Ion Ratio Lower Upper

188 100

94 7.8 8.5 12.7#

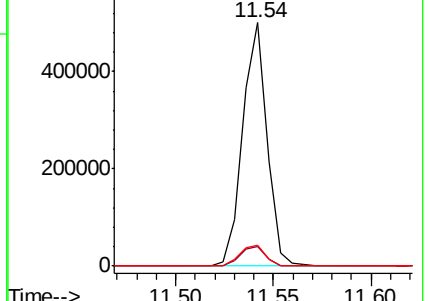
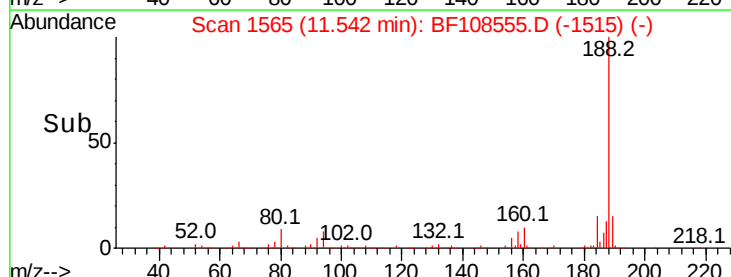
80 8.8 9.2 13.8#

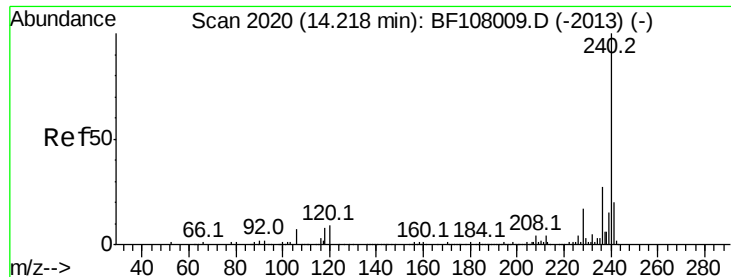


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF108555.D

Acq: 28 Aug 2018 15:12

Instrument :

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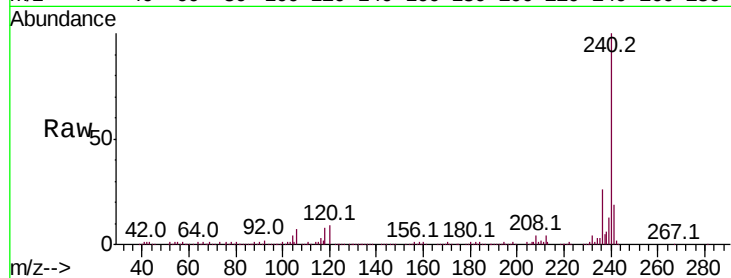
Tot Ion:240 Resp: 262611

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

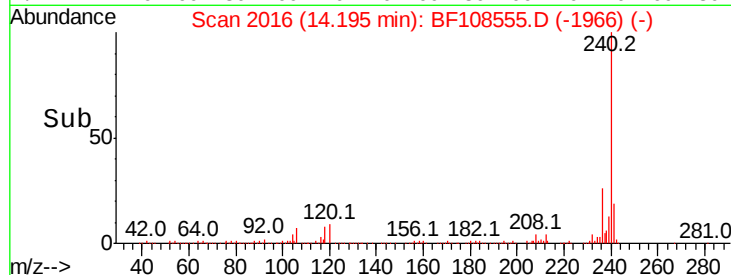
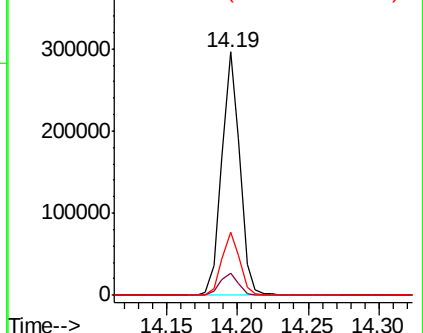
236 25.9 20.7 31.1



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: 84.714 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108555.D

Acq: 28 Aug 2018 15:12

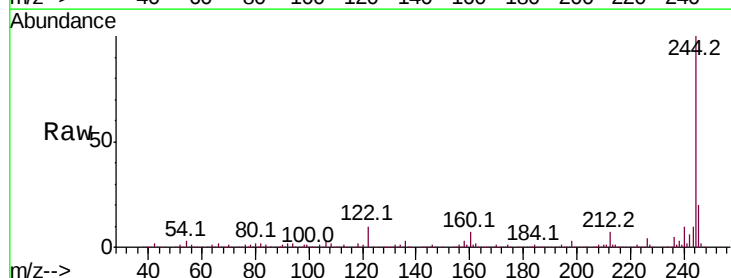
Tgt Ion:244 Resp: 874973

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

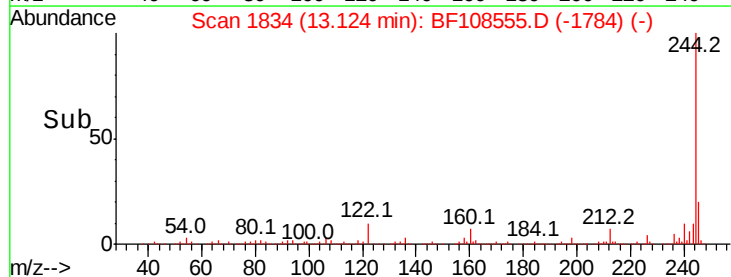
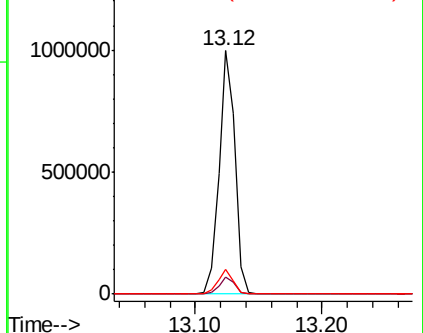
122 10.4 11.0 16.4#

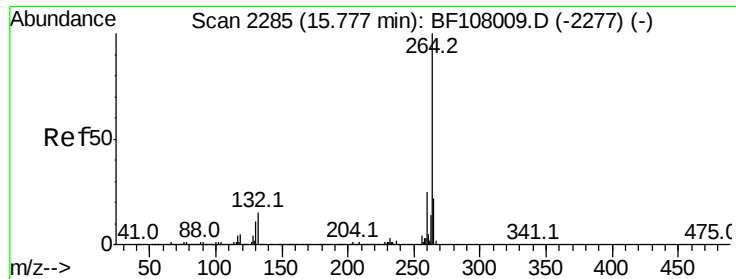


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2281
 Delta R.T. -0.01 min
 Lab File: BF108555.D
 Acq: 28 Aug 2018 15:12

Instrument :
 BNA_F
 ClientSampleId :
 VSS3RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	17.5	26.3

