

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108531.D
 Acq On : 28 Aug 2018 1:28
 Operator : JU/SJ
 Sample : J4659-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082218-TIPC-F-U-S

Quant Time: Aug 28 03:14:10 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

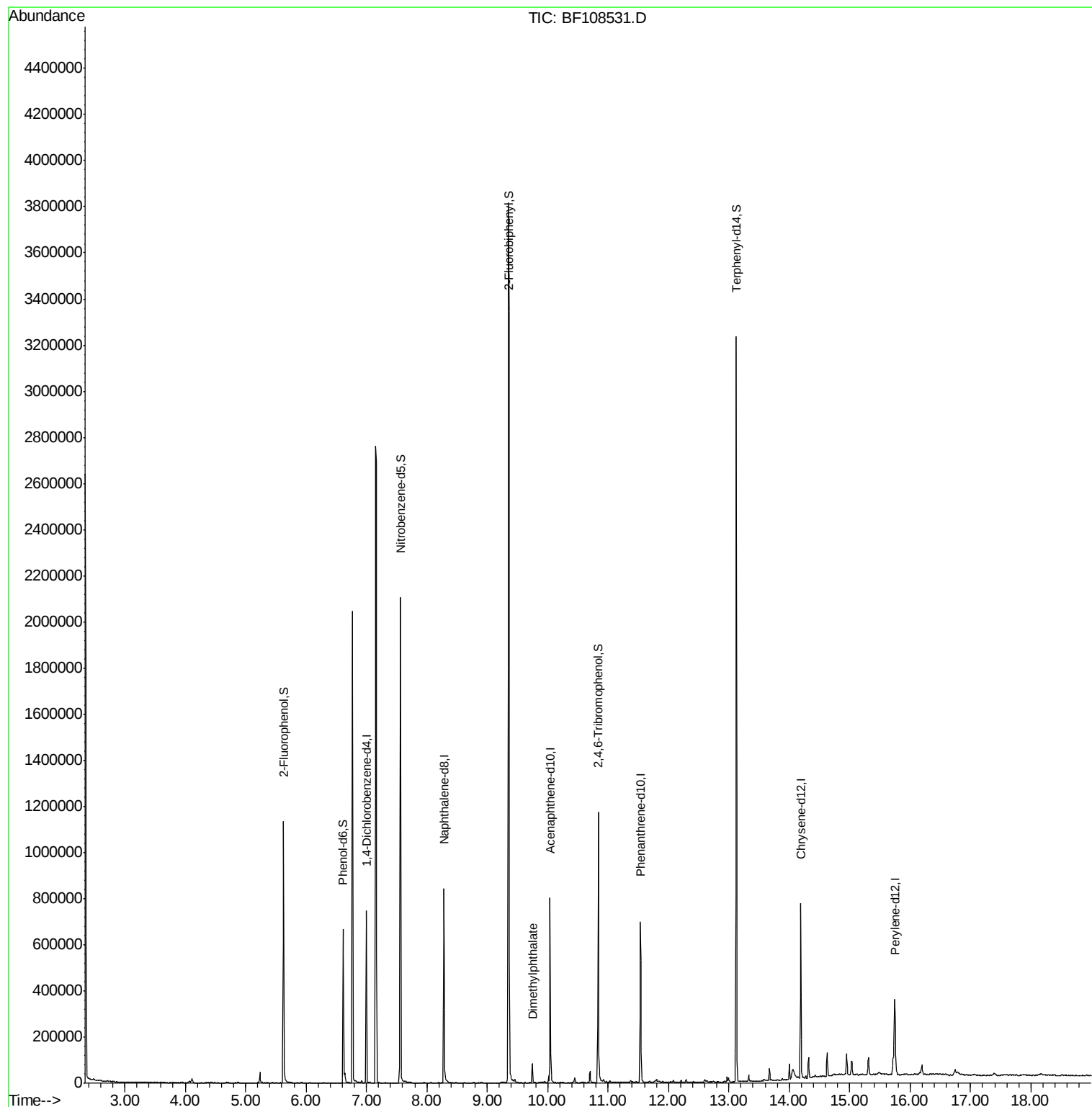
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	107317	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	368217	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	150536	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	256719	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	263053	20.00	ng	-0.01
86) Perylene-d12	15.75	264	179394	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	262183	44.23	ng	0.00
7) Phenol-d6	6.61	99	211617	26.87	ng	-0.02
23) Nitrobenzene-d5	7.57	82	712737	108.01	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	143071	95.28	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1241519	132.41	ng	-0.01
78) Terphenyl-d14	13.12	244	1031350	99.69	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.75	163	38992	3.718	ng	# 98

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

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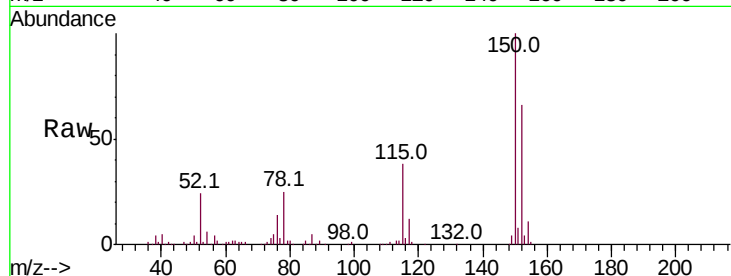


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108531.D
Acq: 28 Aug 2018 1:28

Instrument :
BNA_F
ClientSampleId :
082218-TIPC-F-U-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	124.6	186.8
115	58.1	50.1	75.1

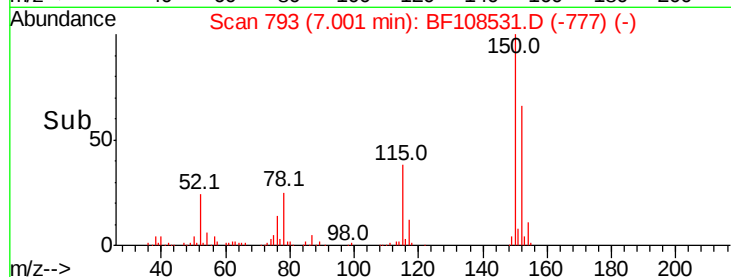
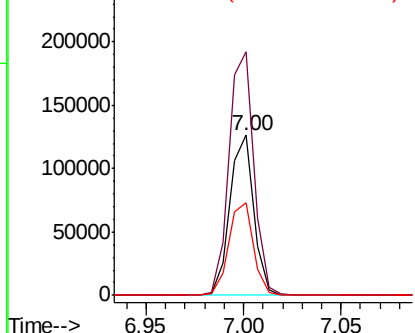


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

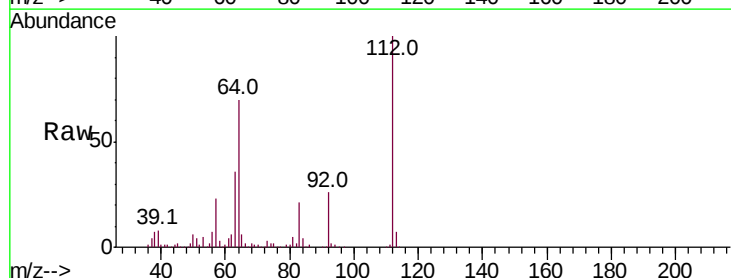
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 44.231 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108531.D
Acq: 28 Aug 2018 1:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.8	47.9	71.9
63	36.3	23.7	35.5#

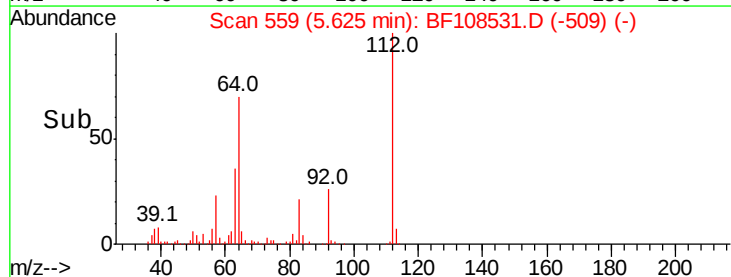
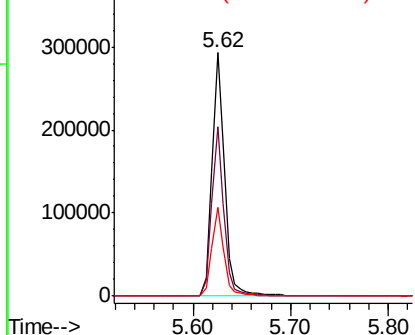


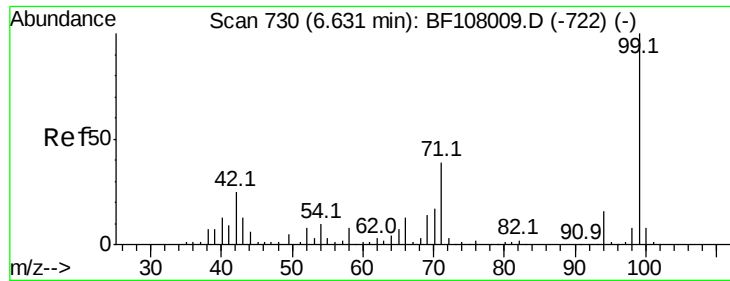
Abundance

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: 26.865 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108531.D

Acq: 28 Aug 2018 1:28

Instrument :

BNA_F

ClientSampleId :

082218-TIPC-F-U-S

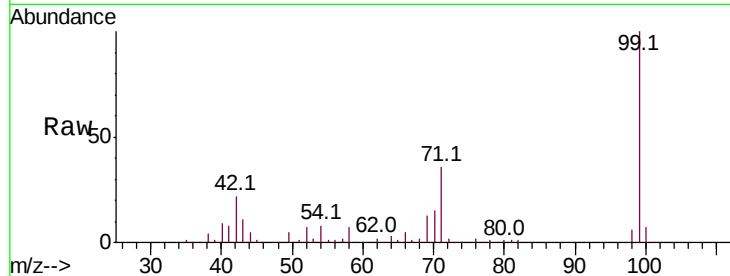
Tot Ion: 99 Resp: 211617

Ion Ratio Lower Upper

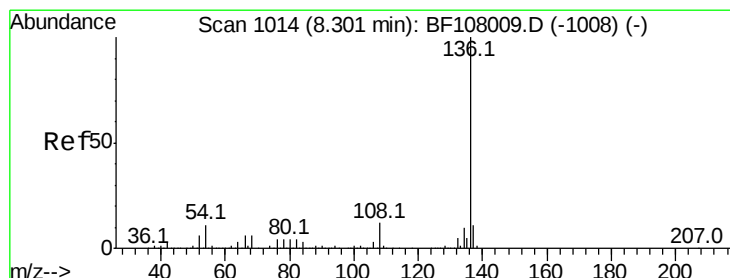
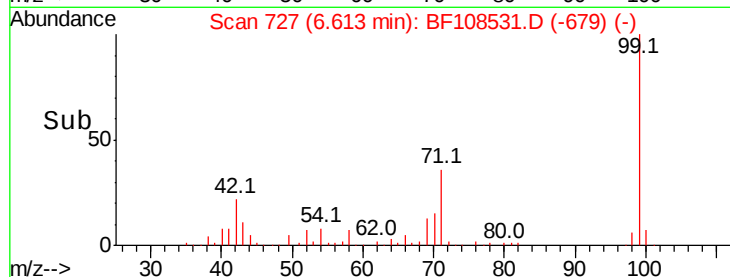
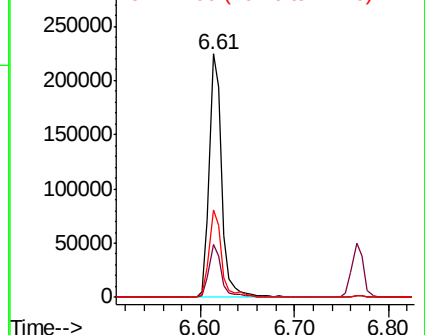
99 100

42 21.9 14.5 21.7#

71 35.8 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: BF108531.D

Acq: 28 Aug 2018 1:28

Tgt Ion: 136 Resp: 368217

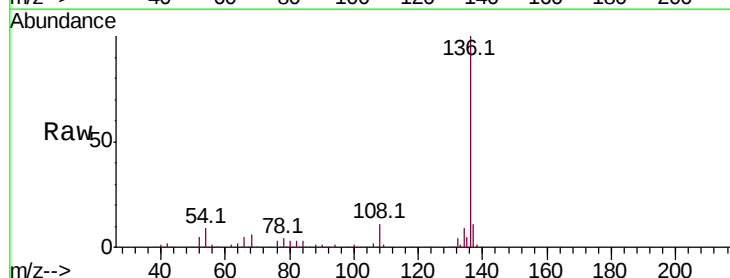
Ion Ratio Lower Upper

136 100

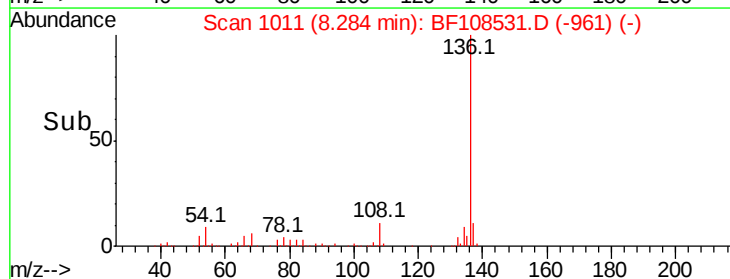
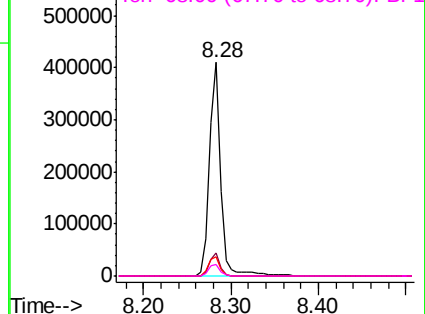
137 10.8 8.9 13.3

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: 108.012 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF108531.D

Acq: 28 Aug 2018 1:28

Instrument :

BNA_F

ClientSampleId :

082218-TIPC-F-U-S

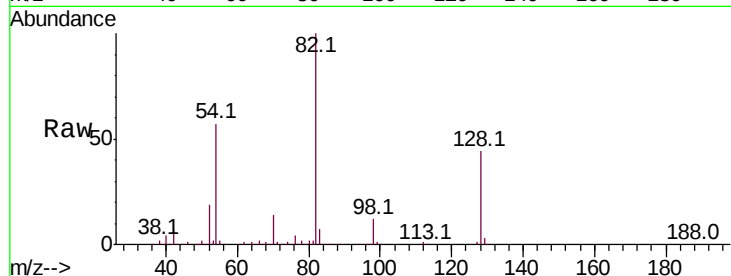
Tot Ion: 82 Resp: 712737

Ion Ratio Lower Upper

82 100

128 43.6 36.1 54.1

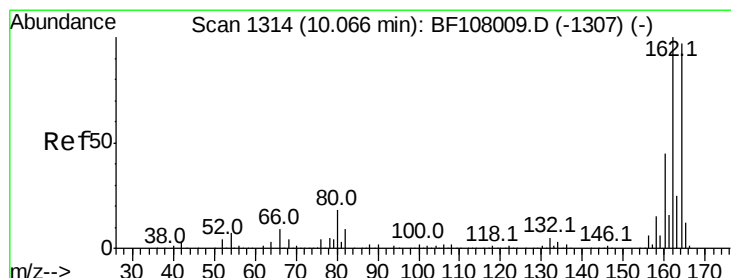
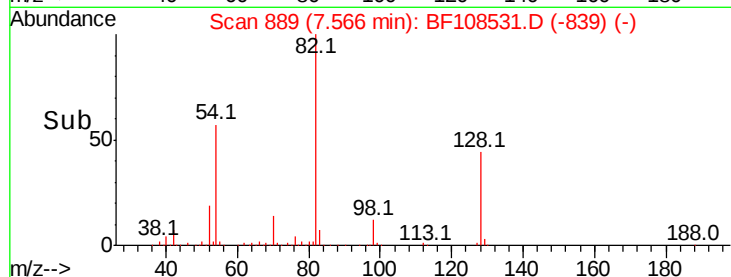
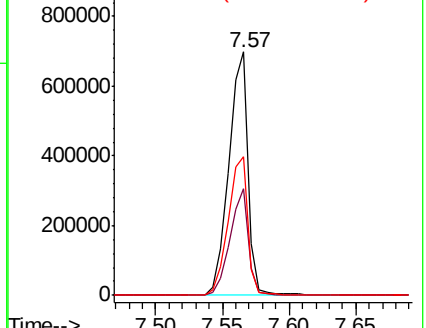
54 57.2 41.4 62.2



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: BF108531.D

Acq: 28 Aug 2018 1:28

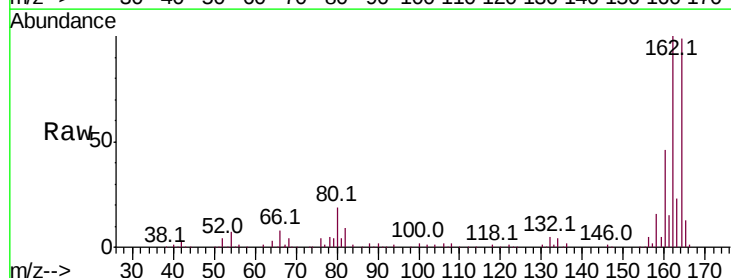
Tgt Ion:164 Resp: 150536

Ion Ratio Lower Upper

164 100

162 101.4 86.1 129.1

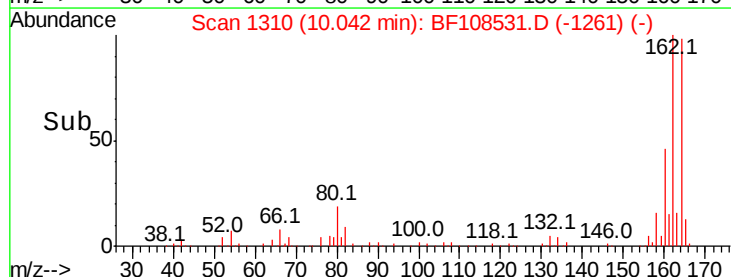
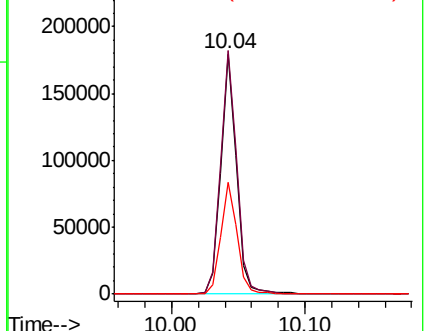
160 46.4 38.3 57.5

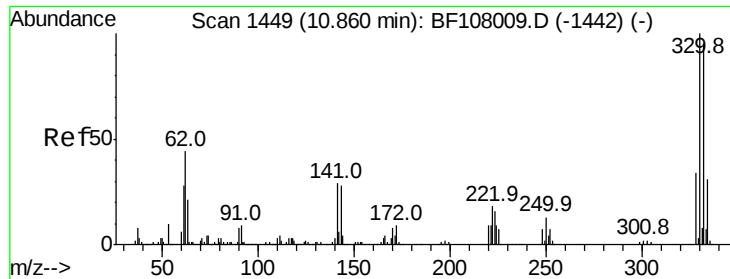


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

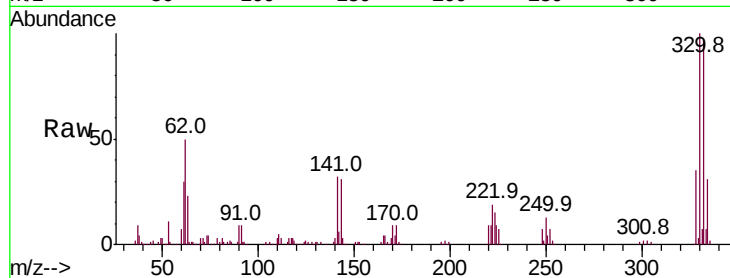




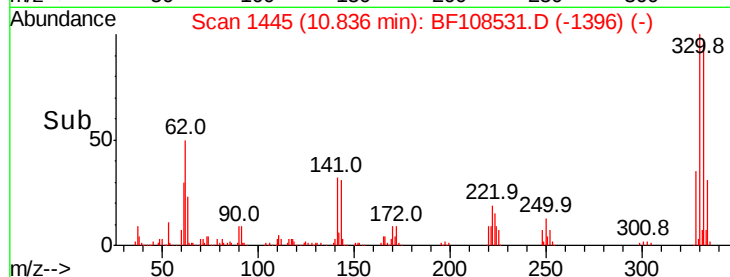
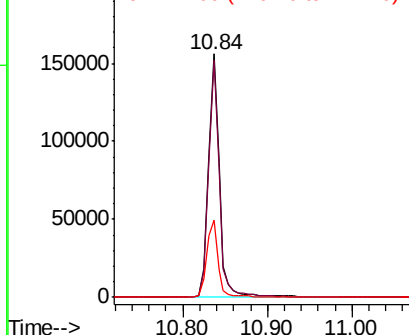
#41
 2,4,6-Tribromophenol
 Concen: 95.282 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108531.D
 Acq: 28 Aug 2018 1:28

Instrument :
 BNA_F
 ClientSampleId :
 082218-TIPC-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	32.3	29.9	44.9

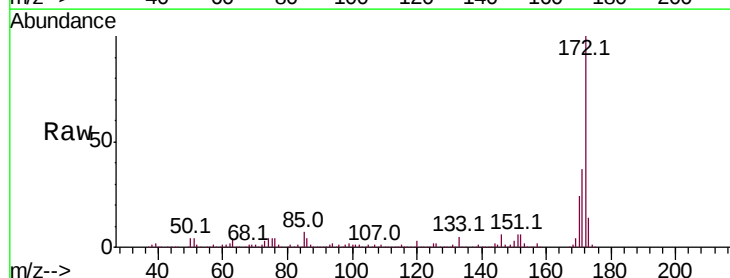


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

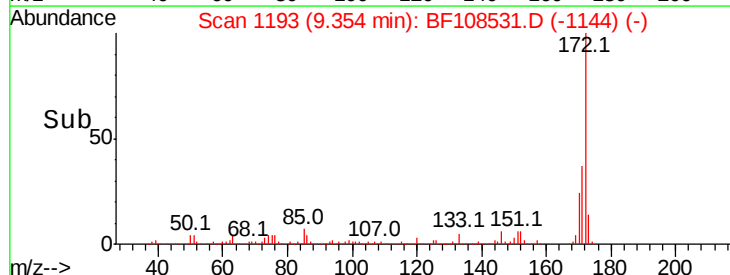
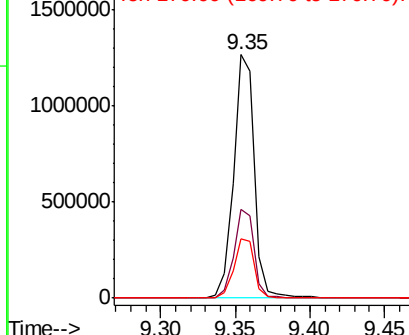


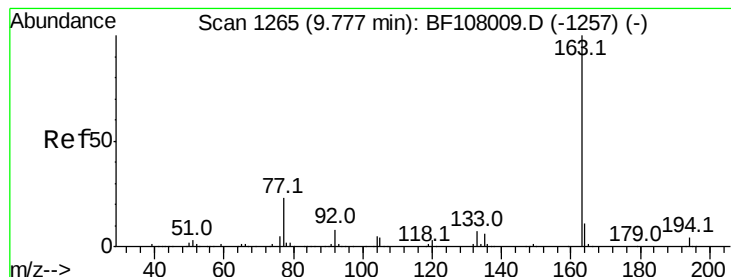
#44
 2-Fluorobiphenyl
 Concen: 132.408 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108531.D
 Acq: 28 Aug 2018 1:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.4	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: 3.718 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF108531.D

Acq: 28 Aug 2018 1:28

Instrument :

BNA_F

ClientSampleId :

082218-TIPC-F-U-S

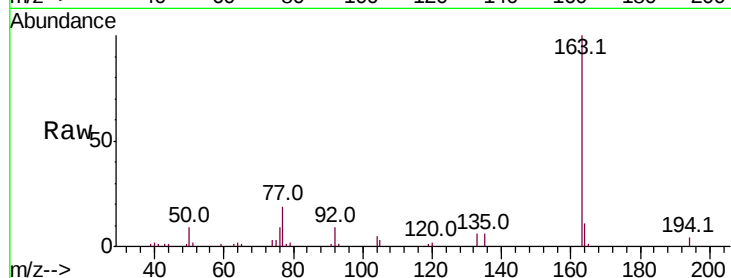
Tot Ion:163 Resp: 38992

Ion Ratio Lower Upper

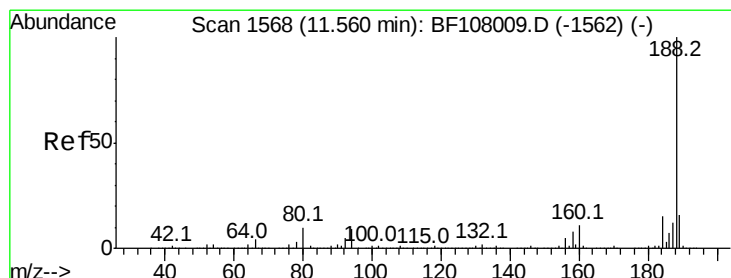
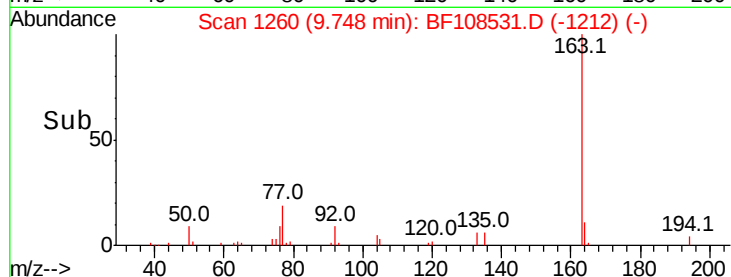
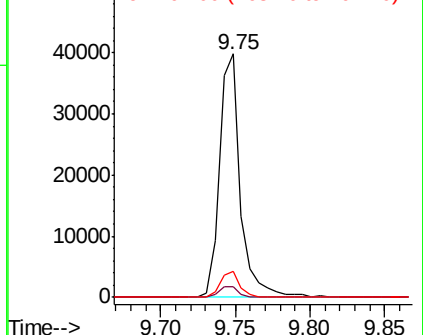
163 100

194 4.5 2.7 4.1#

164 10.9 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: BF108531.D

Acq: 28 Aug 2018 1:28

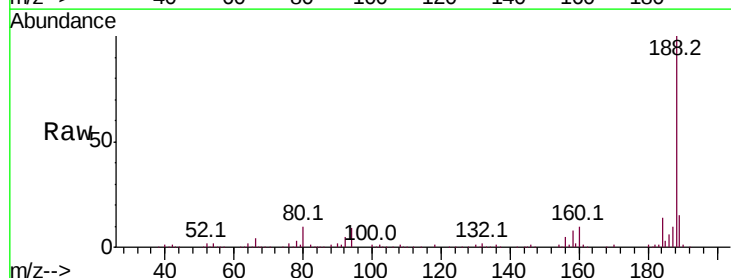
Tgt Ion:188 Resp: 256719

Ion Ratio Lower Upper

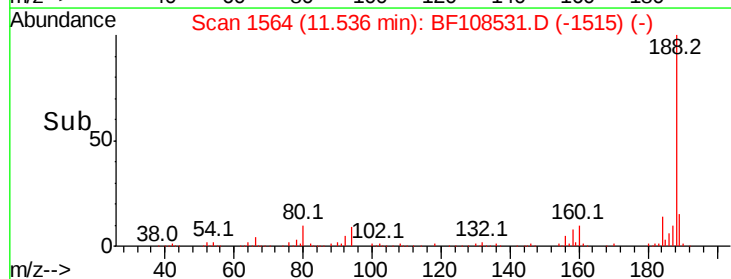
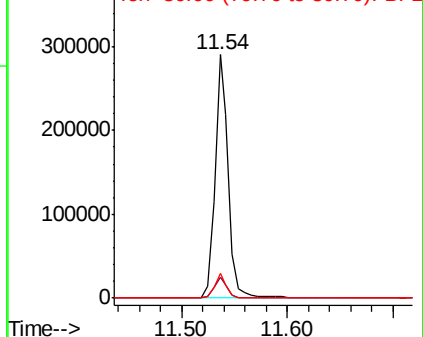
188 100

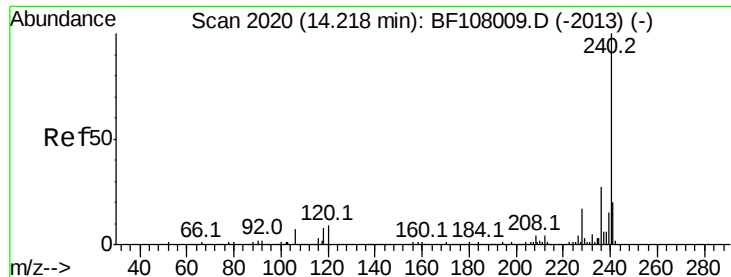
94 8.6 8.5 12.7

80 9.9 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# 2015

Delta R.T. -0.01 min

Lab File: BF108531.D

Acq: 28 Aug 2018 1:28

Instrument :

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ClientSampleId :

082218-TIPC-F-U-S

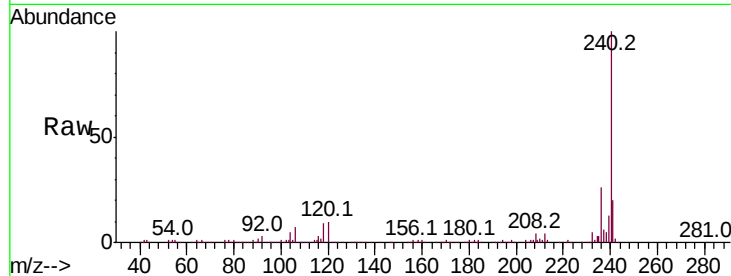
Tot Ion:240 Resp: 263053

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

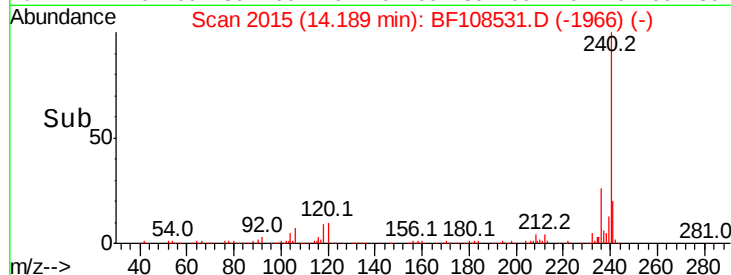
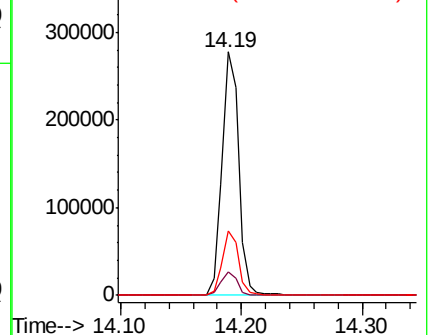
236 26.2 20.7 31.1



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: 99.686 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108531.D

Acq: 28 Aug 2018 1:28

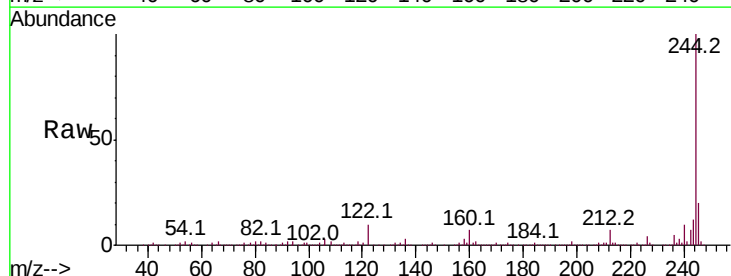
Tgt Ion:244 Resp: 1031350

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

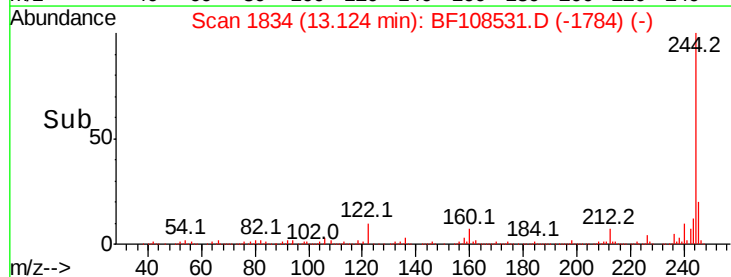
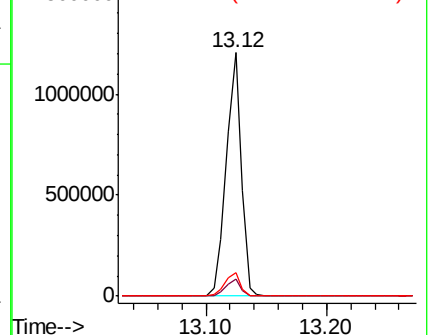
122 9.7 11.0 16.4#

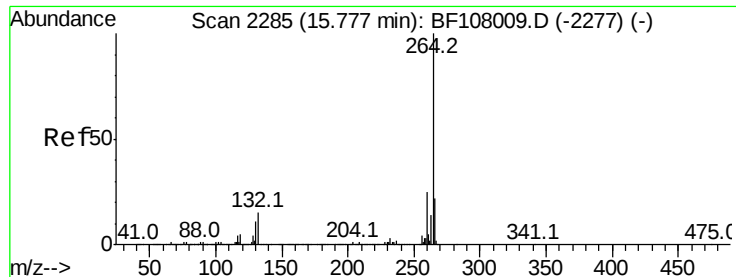


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

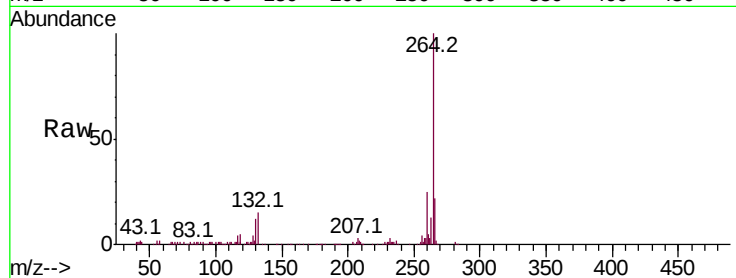




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108531.D
Acq: 28 Aug 2018 1:28

Instrument :
BNA_F
ClientSampleId :
082218-TIPC-F-U-S

Tot Ion:	264	Resp:	179394
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.5	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

