

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
 Data File : BF108570.D
 Acq On : 28 Aug 2018 21:56
 Operator : JU/SJ
 Sample : J4556-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20180534-AMENDED-COMPOSITE-(

Quant Time: Aug 29 04:09:47 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

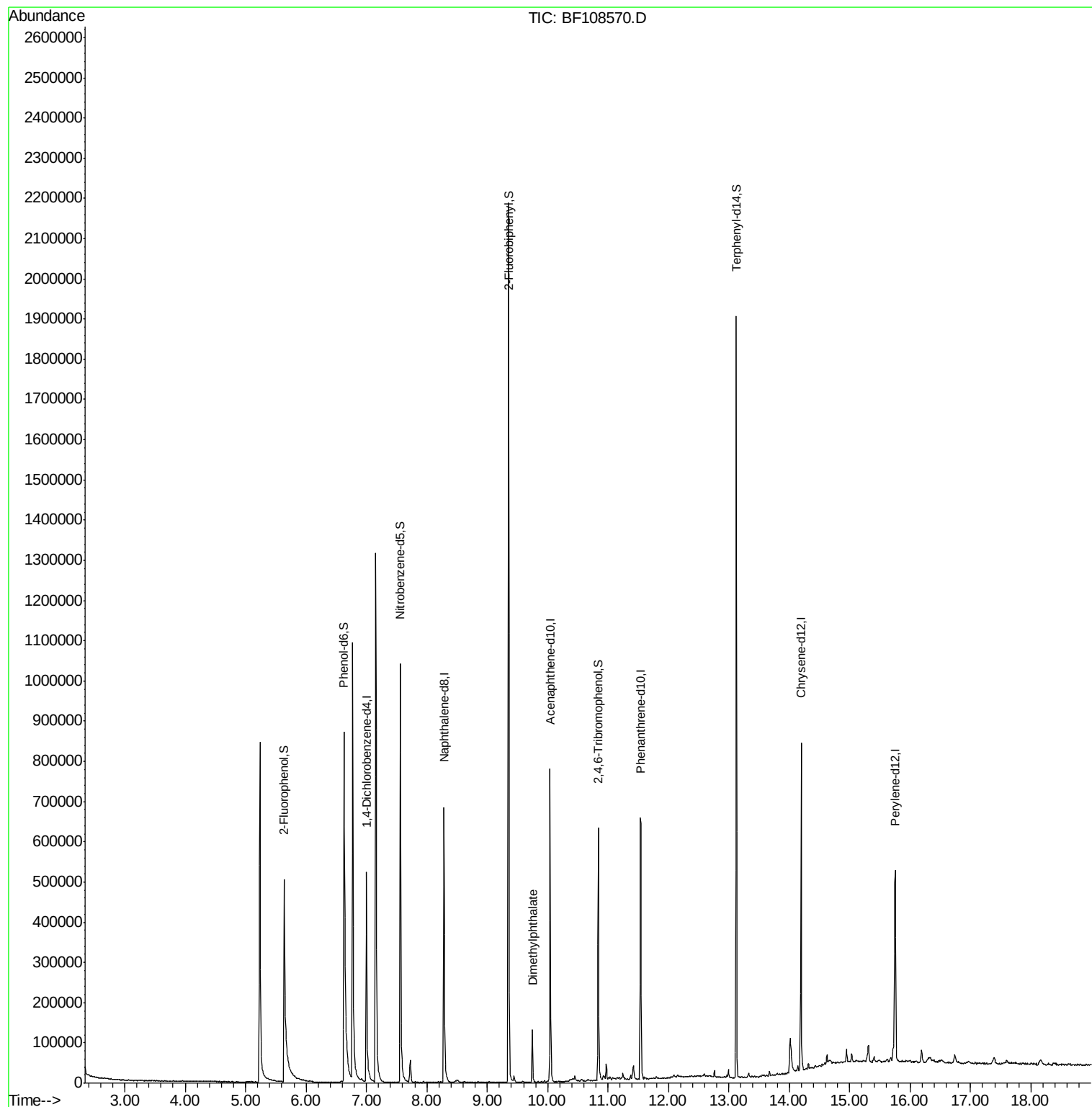
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	95641	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	355926	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	154019	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	268568	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	269326	20.00	ng	0.00
86) Perylene-d12	15.75	264	243255	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	280595	53.12	ng	0.00
7) Phenol-d6	6.63	99	465278	66.28	ng	0.00
23) Nitrobenzene-d5	7.56	82	389295	61.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	80434	52.36	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	663337	69.15	ng	-0.01
78) Terphenyl-d14	13.12	244	624875	58.99	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.75	163	63335	5.903	ng	Qvalue # 97

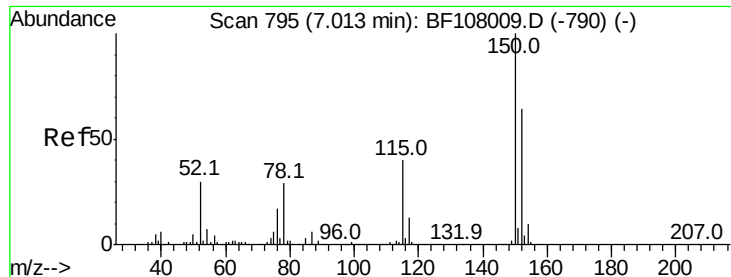
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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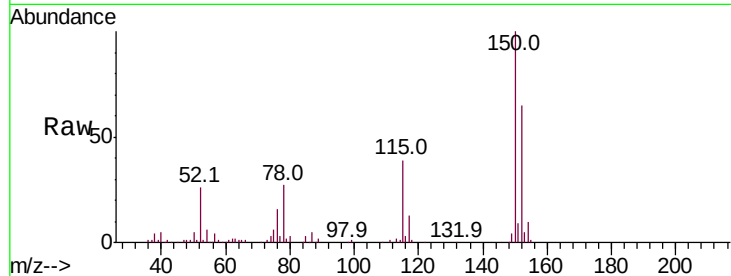


#1

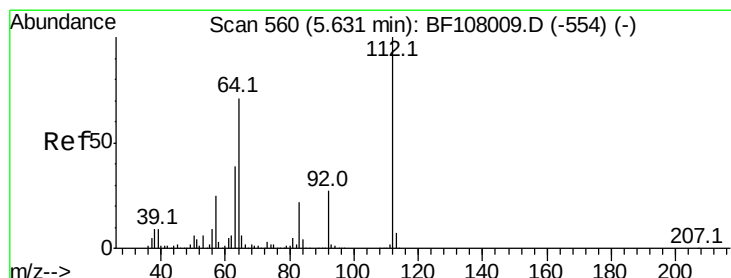
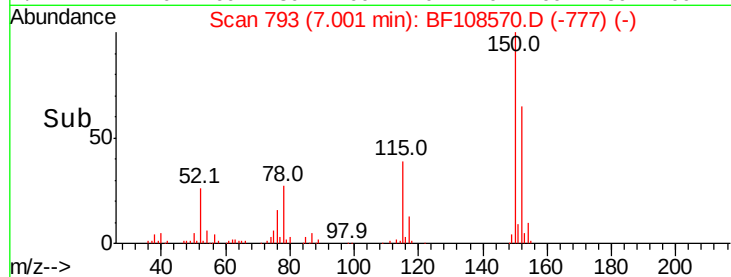
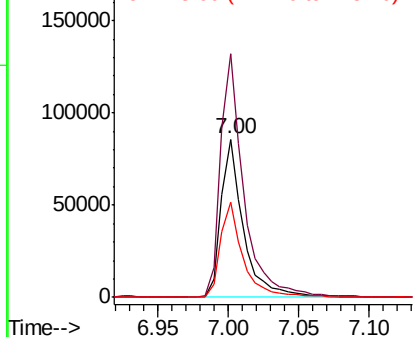
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108570.D
Acq: 28 Aug 2018 21:56

Instrument :
BNA_F
ClientSampleId :
20180534-AMENDED-COMPOSITE-(

Tot Ion:152 Resp: 95641
Ion Ratio Lower Upper
152 100
150 154.1 124.6 186.8
115 60.5 50.1 75.1



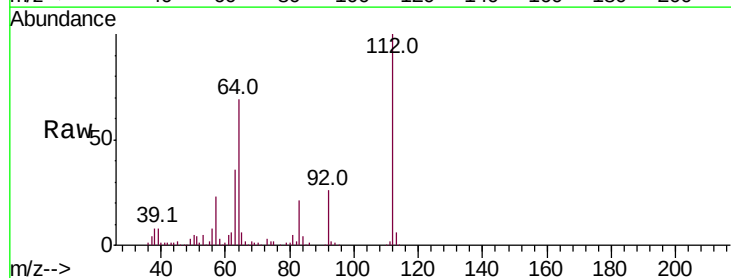
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



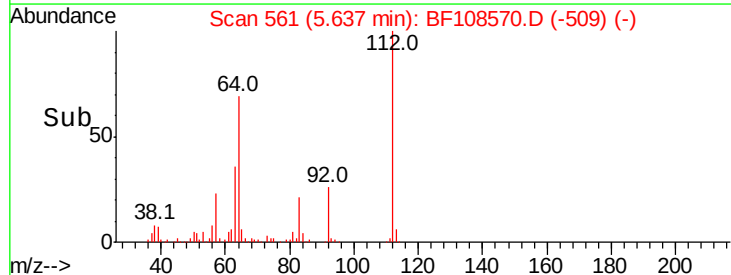
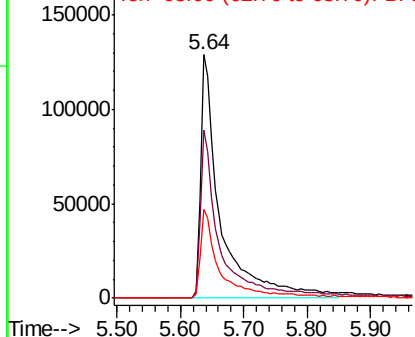
#5

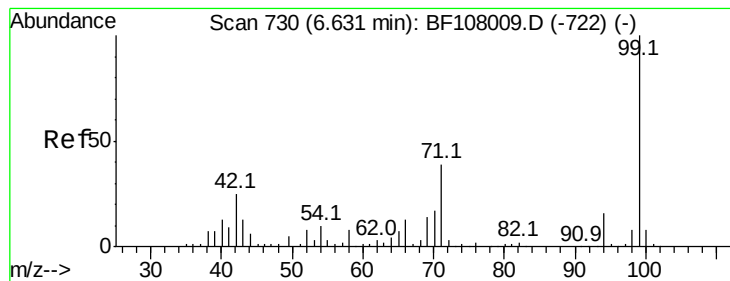
2-Fluorophenol
Concen: 53.116 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108570.D
Acq: 28 Aug 2018 21:56

Tgt Ion:112 Resp: 280595
Ion Ratio Lower Upper
112 100
64 69.2 47.9 71.9
63 36.4 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: 66.279 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108570.D

Acq: 28 Aug 2018 21:56

Instrument :

BNA_F

ClientSampleId :

20180534-AMENDED-COMPOSITE-(-

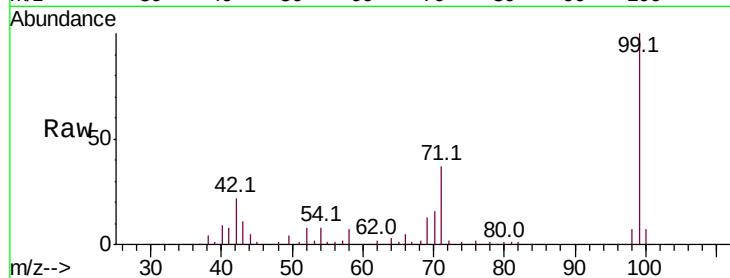
Tot Ion: 99 Resp: 465278

Ion Ratio Lower Upper

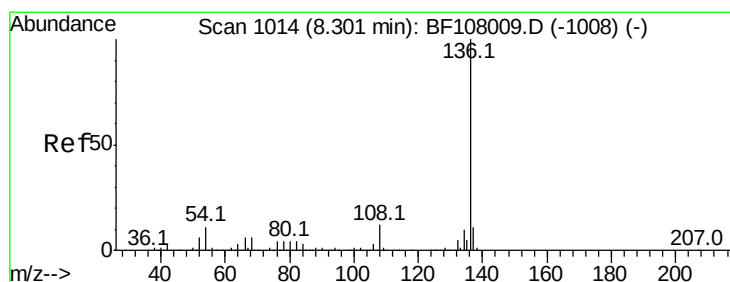
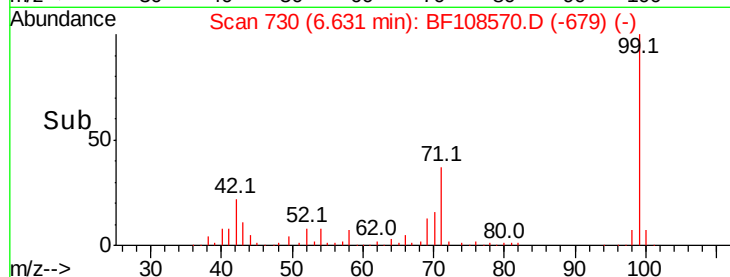
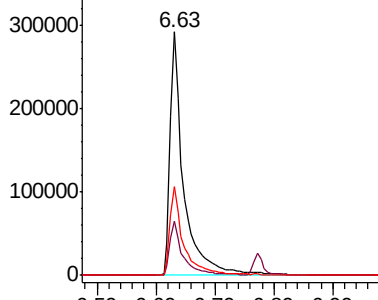
99 100

42 22.1 14.5 21.7#

71 36.6 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: BF108570.D

Acq: 28 Aug 2018 21:56

Tgt Ion: 136 Resp: 355926

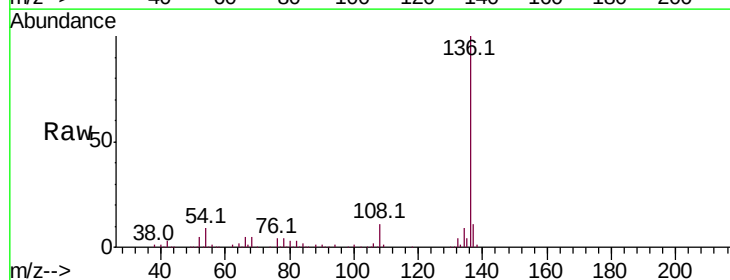
Ion Ratio Lower Upper

136 100

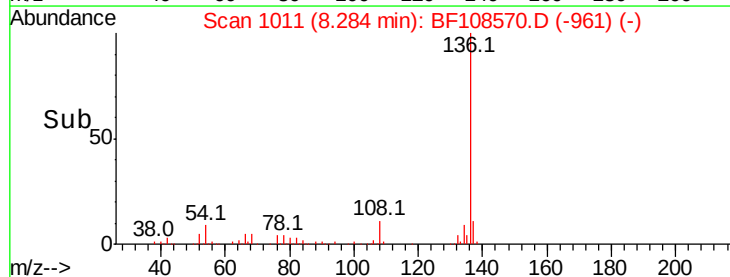
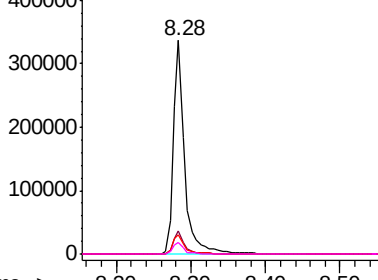
137 10.8 8.9 13.3

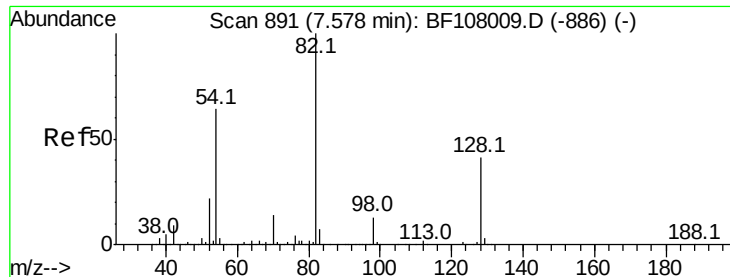
54 8.8 6.6 9.8

68 5.3 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

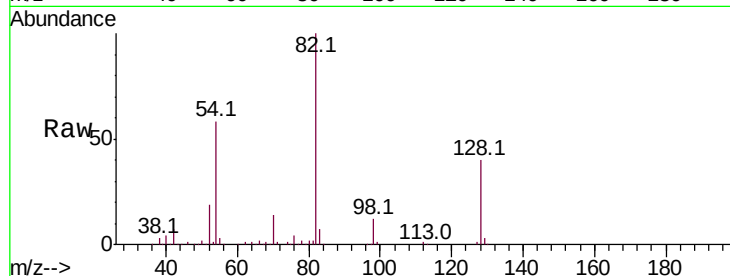




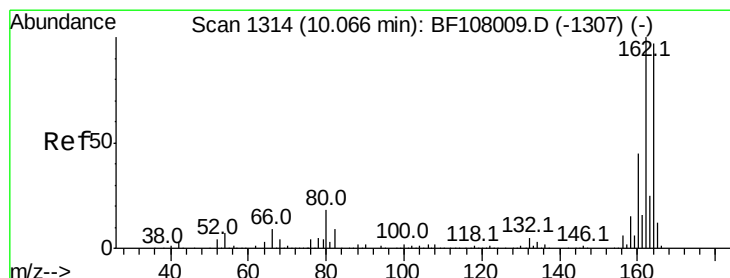
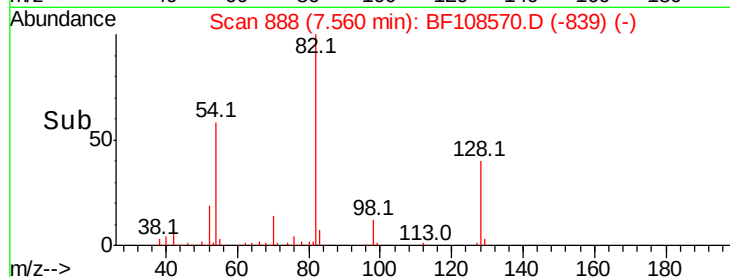
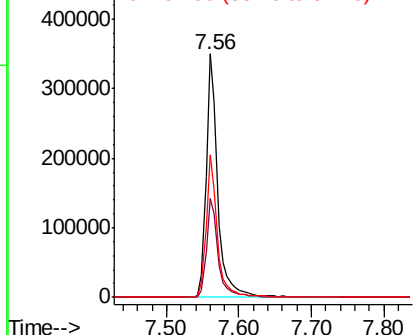
#23
 Nitrobenzene-d5
 Concen: 61.033 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF108570.D
 Acq: 28 Aug 2018 21:56

Instrument :
 BNA_F
 ClientSampleId :
 20180534-AMENDED-COMPOSITE-(-)

Tot Ion: 82 Resp: 389295
 Ion Ratio Lower Upper
 82 100
 128 40.5 36.1 54.1
 54 58.4 41.4 62.2

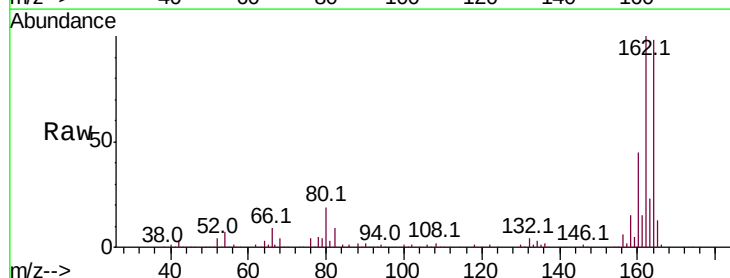


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

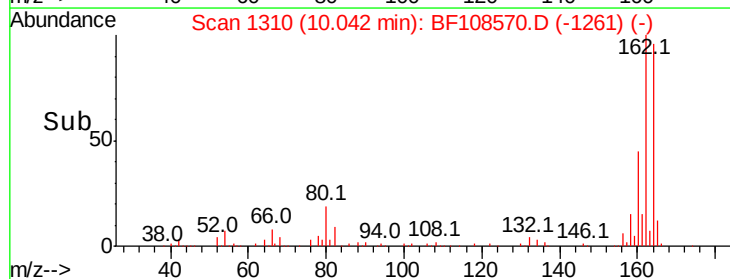
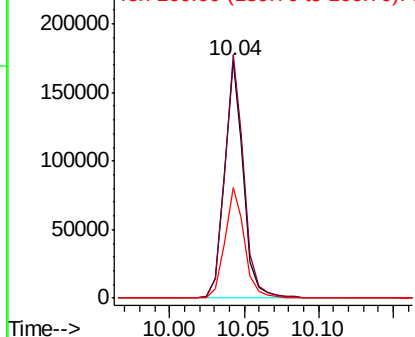


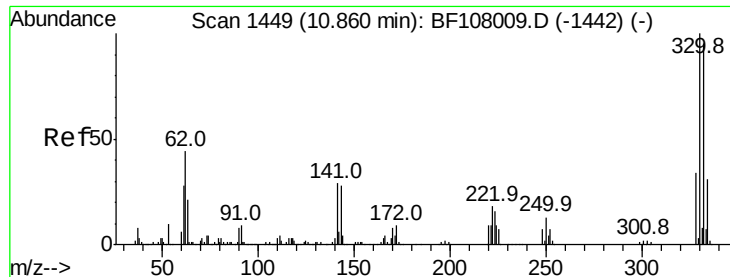
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108570.D
 Acq: 28 Aug 2018 21:56

Tgt Ion:164 Resp: 154019
 Ion Ratio Lower Upper
 164 100
 162 102.4 86.1 129.1
 160 46.2 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: 52.356 ng

RT: 10.84 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF108570.D

Acq: 28 Aug 2018 21:56

Instrument :

BNA_F

ClientSampleId :

20180534-AMENDED-COMPOSITE-(-

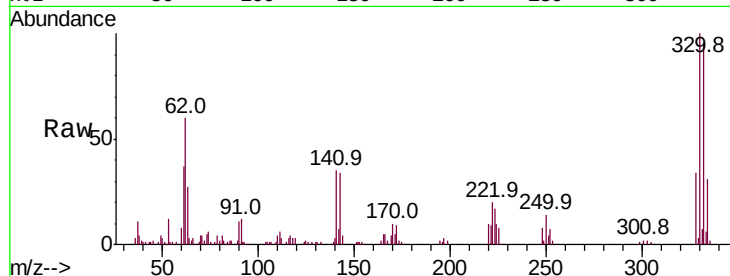
Tot Ion:330 Resp: 80434

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

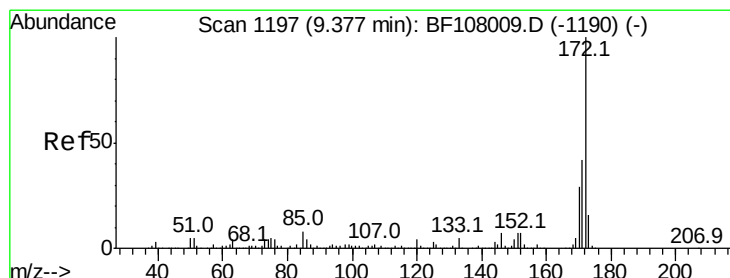
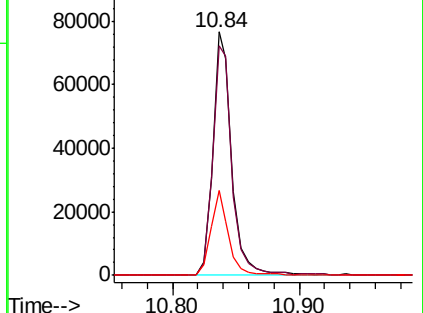
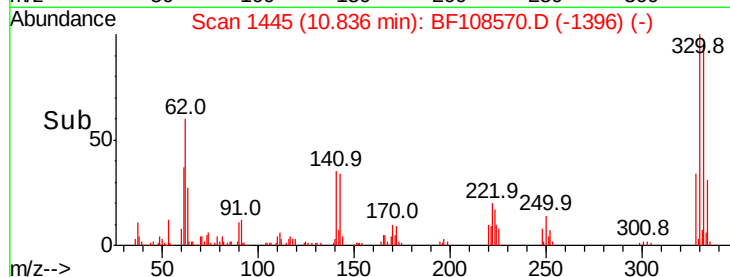
141 32.2 29.9 44.9



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: 69.145 ng

RT: 9.35 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF108570.D

Acq: 28 Aug 2018 21:56

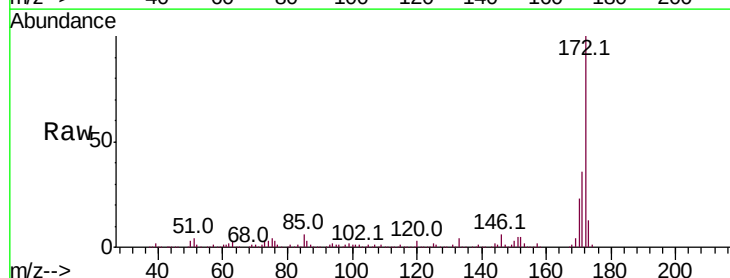
Tgt Ion:172 Resp: 663337

Ion Ratio Lower Upper

172 100

171 35.6 29.7 44.5

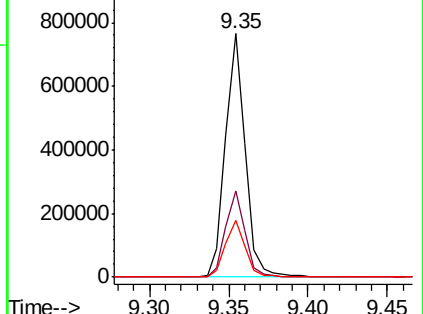
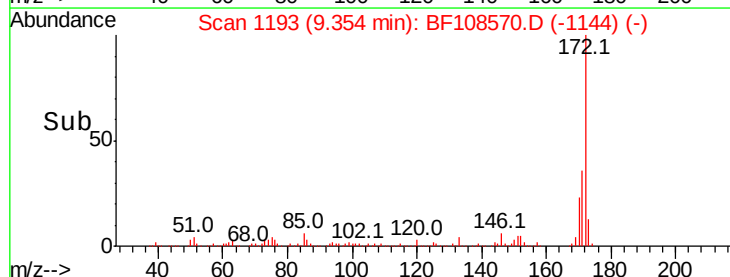
170 23.5 19.6 29.4

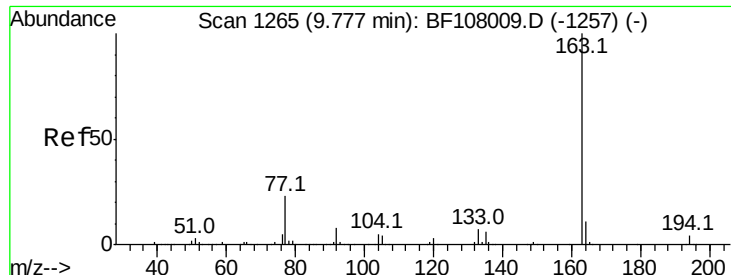


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

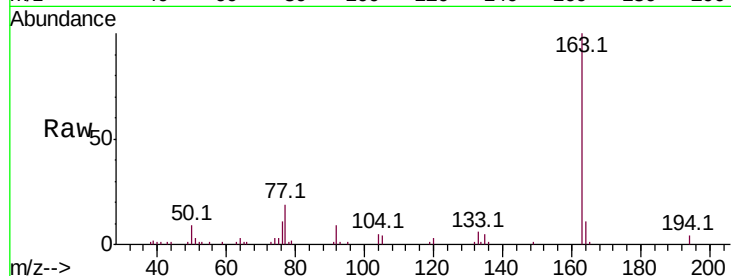




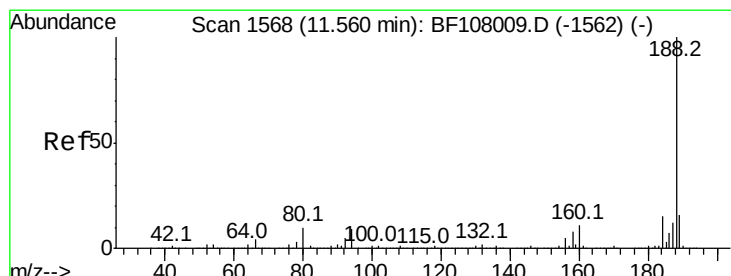
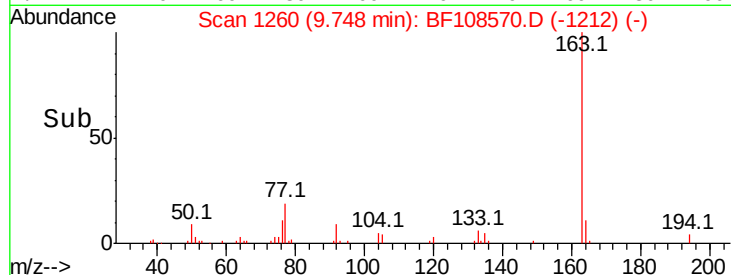
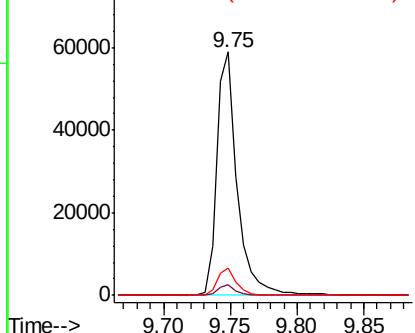
#49
Dimethylphthalate
Concen: 5.903 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108570.D
Acq: 28 Aug 2018 21:56

Instrument :
BNA_F
ClientSampleId :
20180534-AMENDED-COMPOSITE-(

Tot Ion:163 Resp: 63335
Ion Ratio Lower Upper
163 100
194 4.5 2.7 4.1#
164 11.3 8.2 12.2

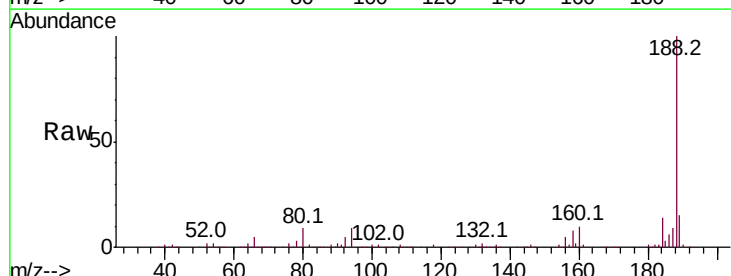


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

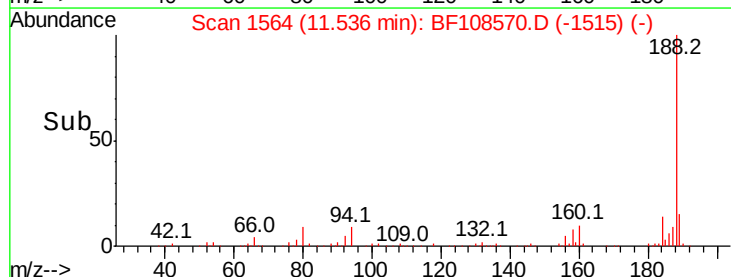
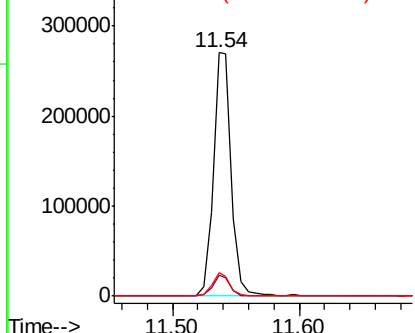


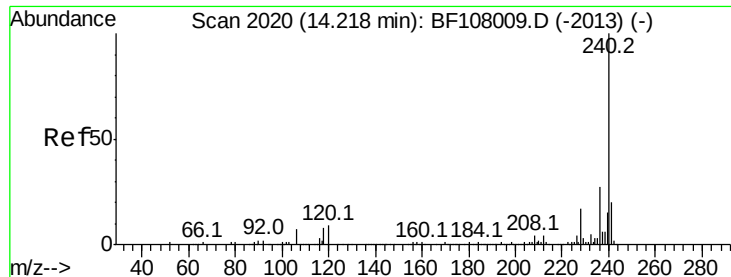
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108570.D
Acq: 28 Aug 2018 21:56

Tgt Ion:188 Resp: 268568
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 9.5 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: BF108570.D

Acq: 28 Aug 2018 21:56

Instrument :

BNA_F

ClientSampleId :

20180534-AMENDED-COMPOSITE-(-)

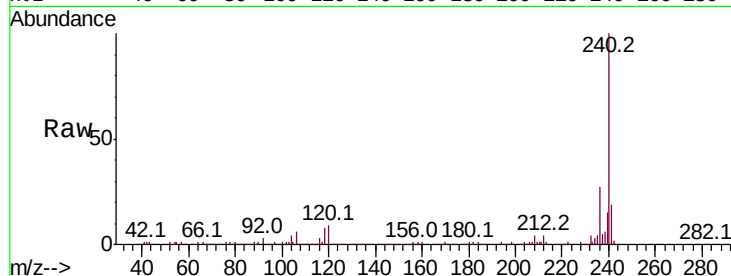
Tot Ion:240 Resp: 269326

Ion Ratio Lower Upper

240 100

120 8.5 9.5 14.3#

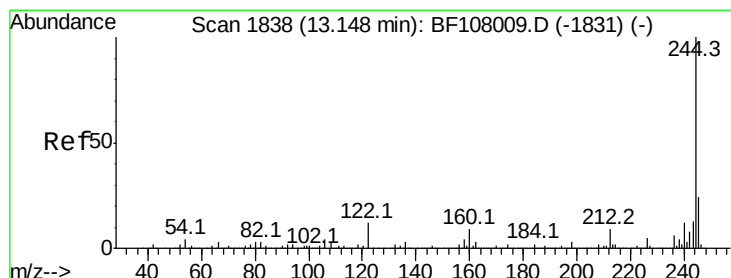
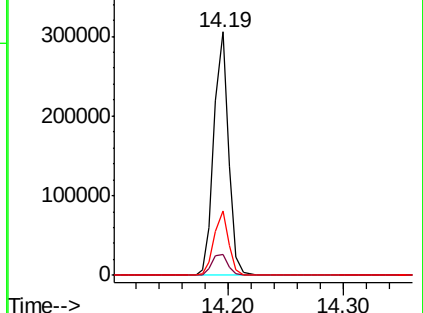
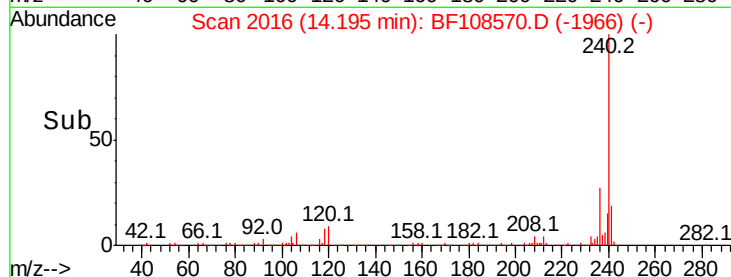
236 26.5 20.7 31.1



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: 58.991 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108570.D

Acq: 28 Aug 2018 21:56

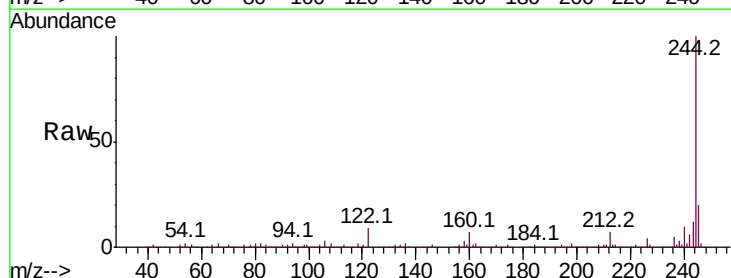
Tgt Ion:244 Resp: 624875

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

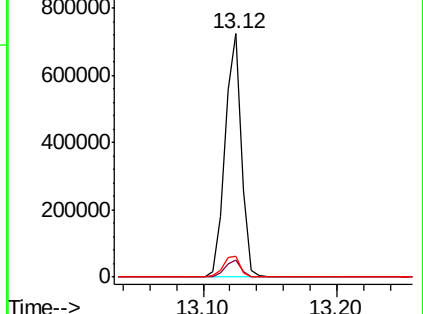
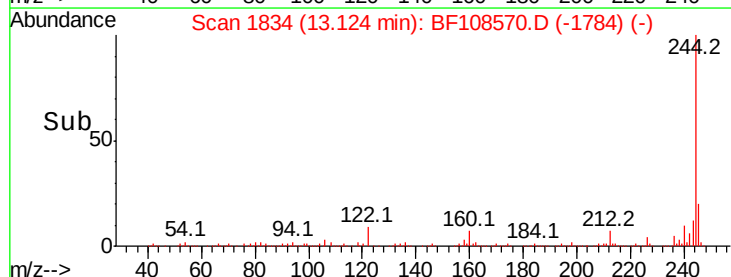
122 8.6 11.0 16.4#

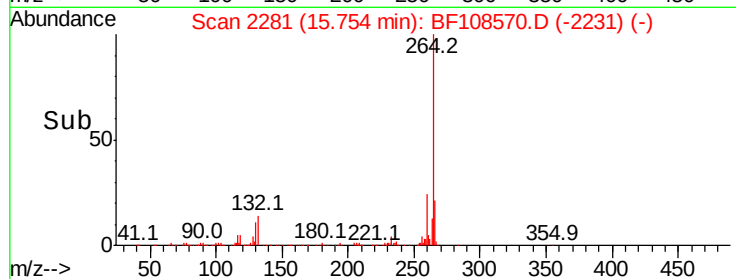
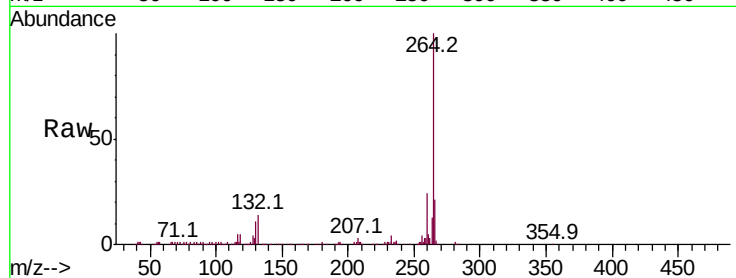
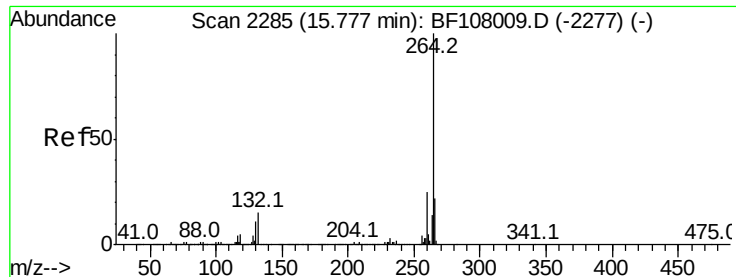


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108570.D
Acq: 28 Aug 2018 21:56

Instrument :
BNA_F
ClientSampleId :
20180534-AMENDED-COMPOSITE-(

Tot Ion:	264	Resp:	243255
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.2	28.8
265	20.9	17.5	26.3

