

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 01:37:18 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

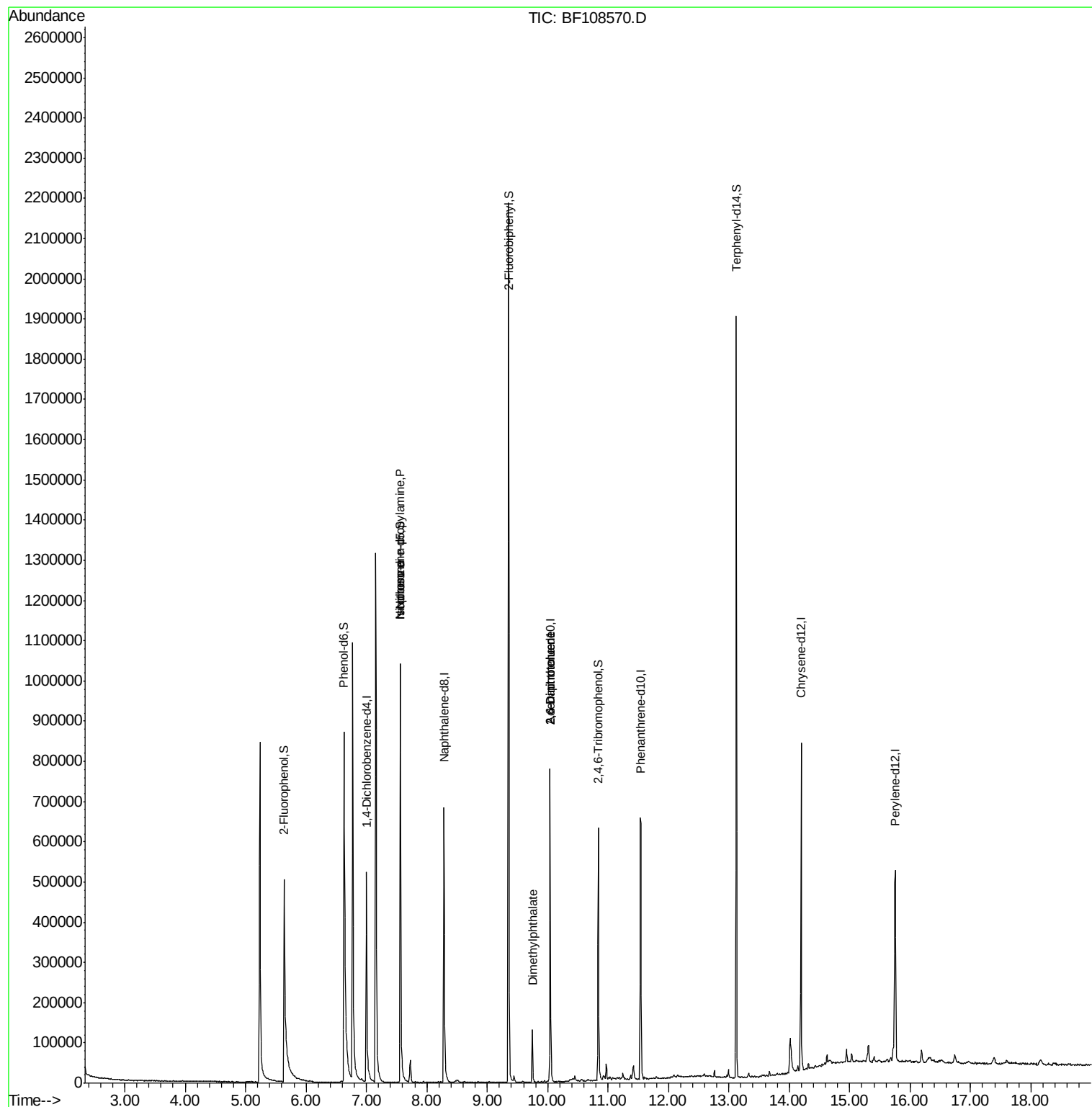
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	95641	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	355926	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	154019	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	268568	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	269326	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						
19) n-Nitroso-di-n-propylamine	7.56	70	51809	10.914	ng	# 83
25) Isophorone	7.56	82	389292	32.021	ng	# 64
49) Dimethylphthalate	9.75	163	63335	5.903	ng	# 97
50) 2,6-Dinitrotoluene	10.04	165	19648	8.753	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	19648	6.800	ng	# 24

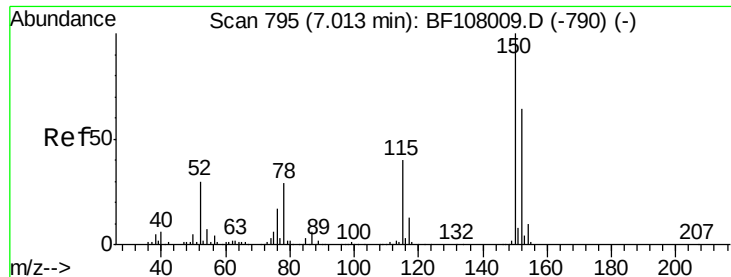
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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
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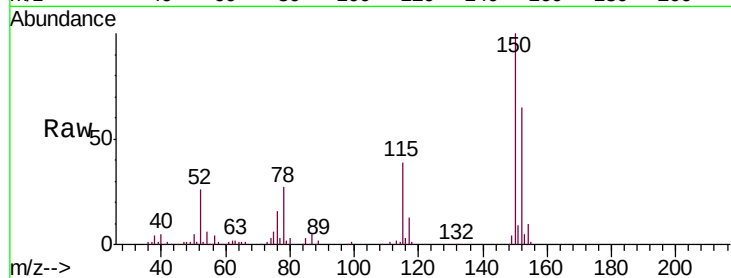


#1

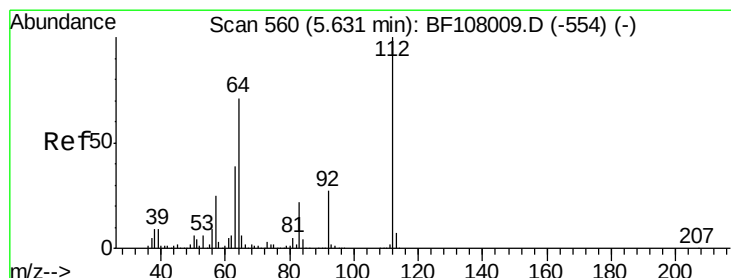
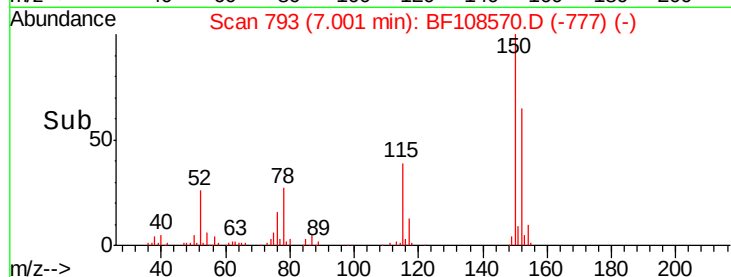
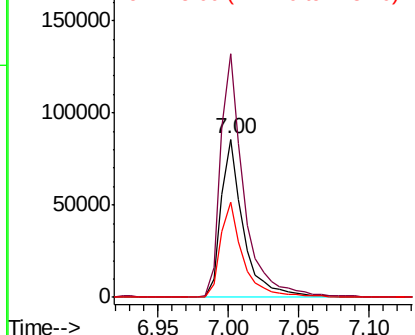
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.00 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF108570.D
 Acq: 28 Aug 2018 21:56

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

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



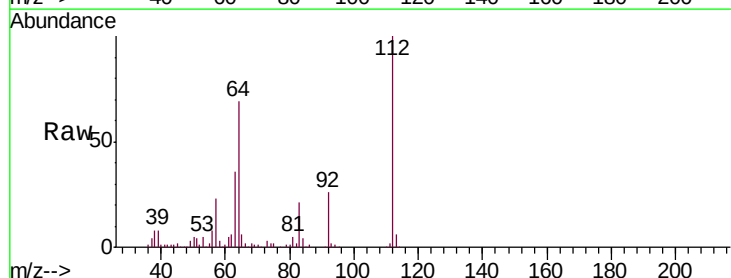
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



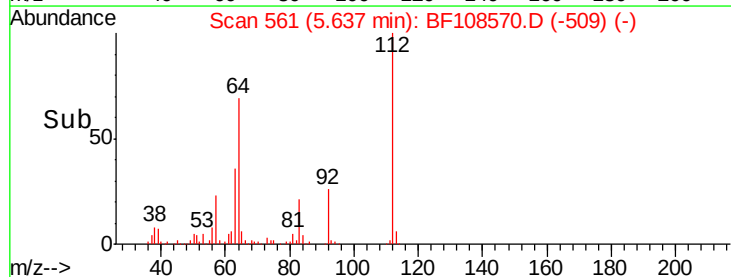
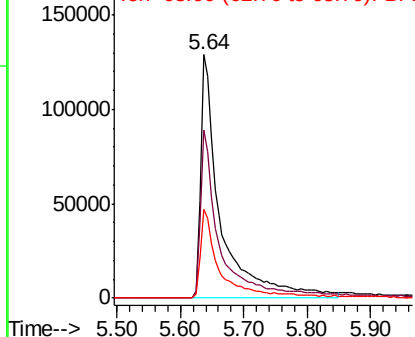
#5

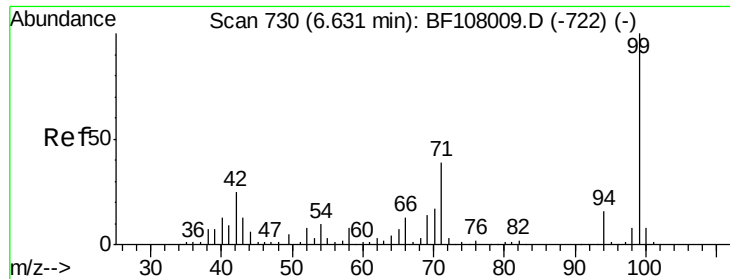
2-Fluorophenol
 Concen: 53.116 ng
 RT: 5.64 min Scan# 561
 Delta R.T. 0.01 min
 Lab File: BF108570.D
 Acq: 28 Aug 2018 21:56

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-(-

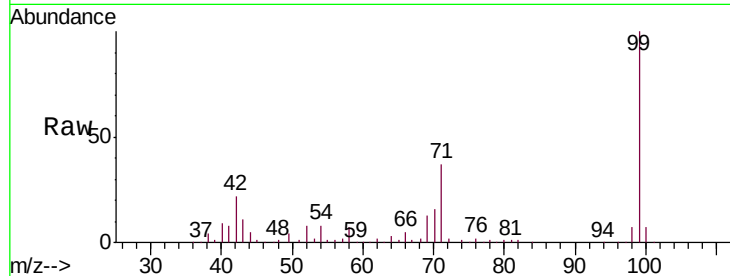
Tgt Ion: 99 Resp: 465278

Ion Ratio Lower Upper

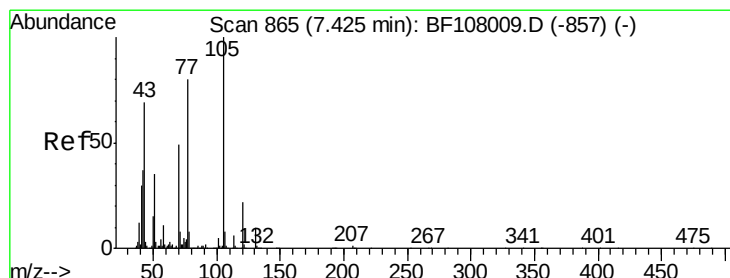
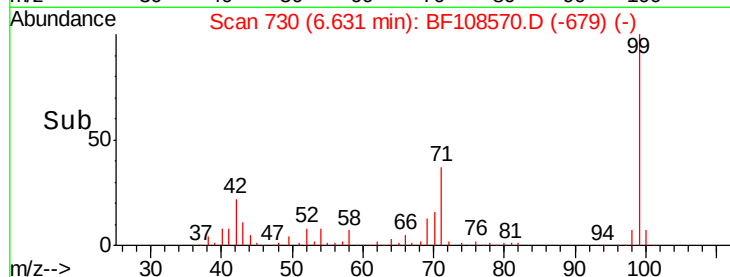
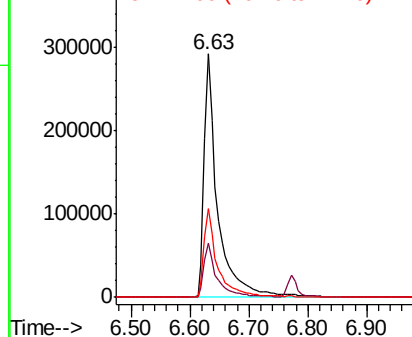
99 100

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



#19

n-Nitroso-di-n-propylamine

Concen: 10.914 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.15 min

Lab File: BF108570.D

Acq: 28 Aug 2018 21:56

Tgt Ion: 70 Resp: 51809

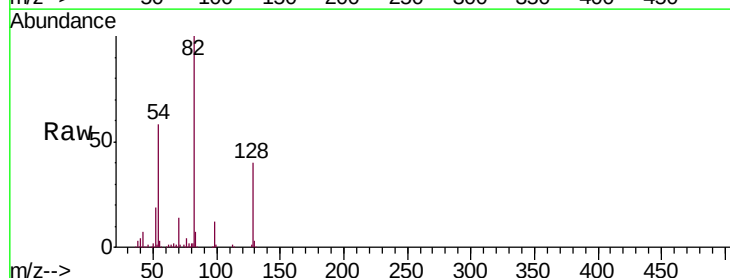
Ion Ratio Lower Upper

70 100

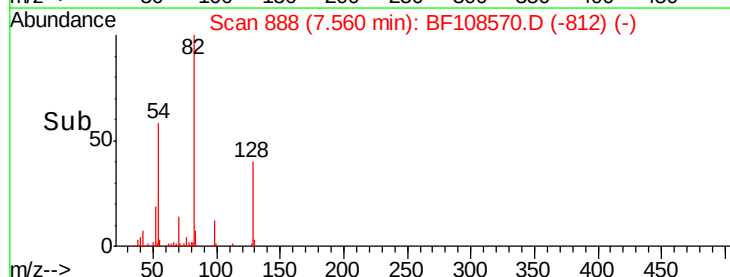
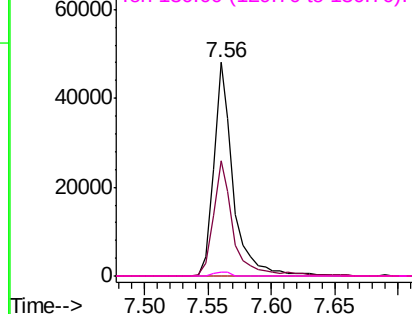
42 53.7 47.5 71.3

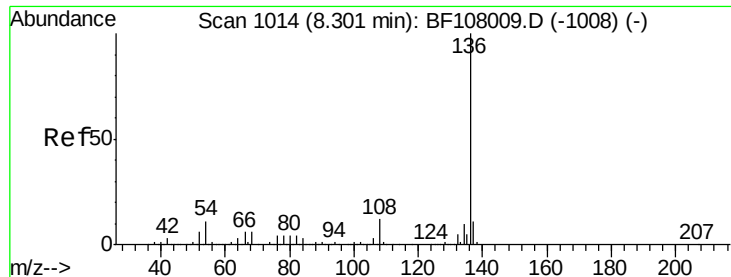
101 0.0 7.4 11.2#

130 1.8 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

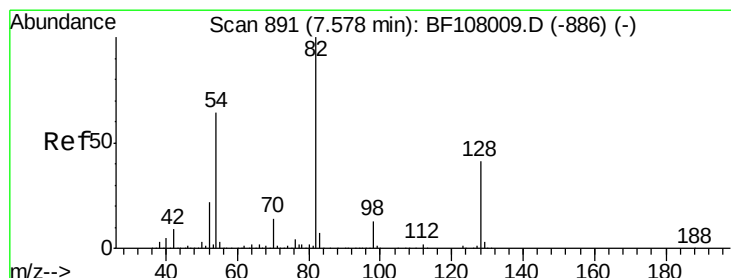
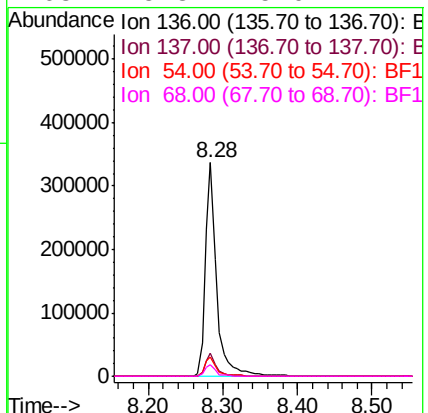
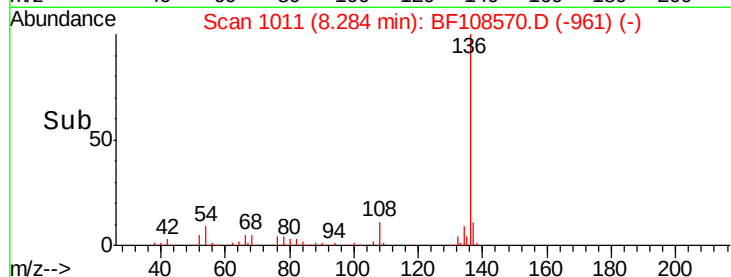
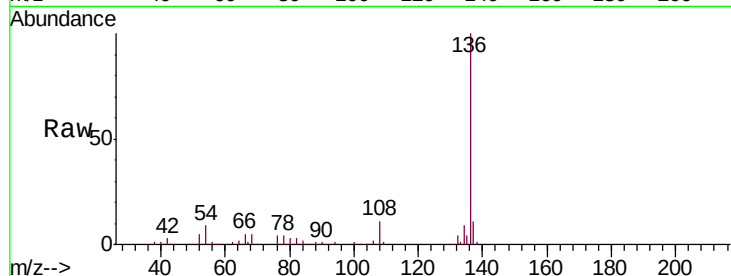




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108570.D
Acq: 28 Aug 2018 21:56

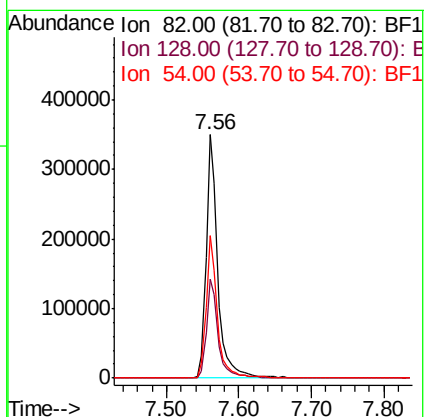
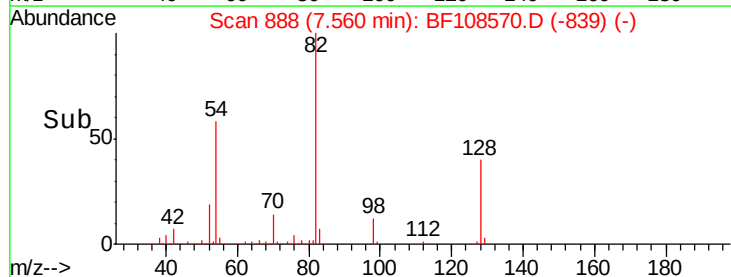
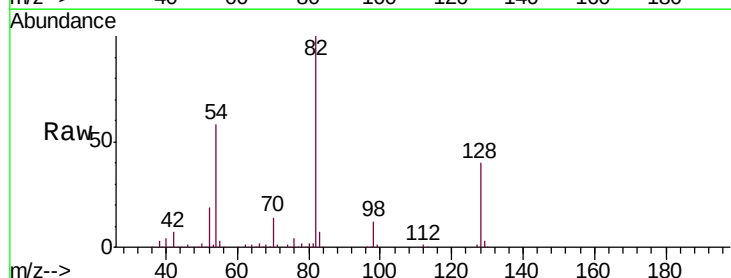
Instrument :
BNA_F
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20180534-AMENDED-COMPOSITE-(

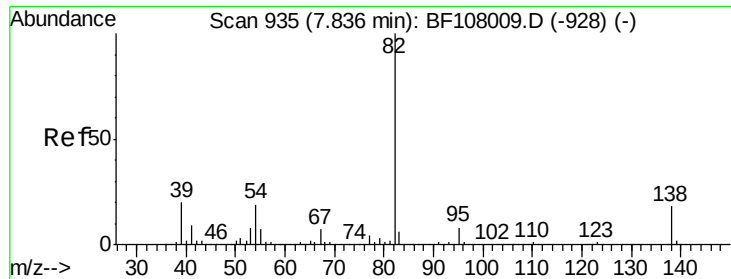
Tgt Ion:	136	Resp:	355926
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.8	6.6	9.8
68	5.3	5.0	7.4



#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

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





#25

Isophorone

Concen: 32.021 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF108570.D

Acq: 28 Aug 2018 21:56

Instrument :

BNA_F

ClientSampleId :

20180534-AMENDED-COMPOSITE-(-)

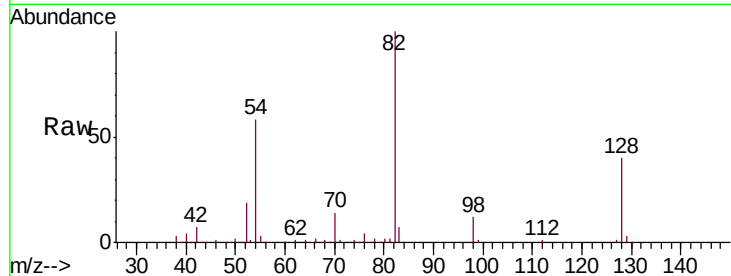
Tgt Ion: 82 Resp: 389292

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

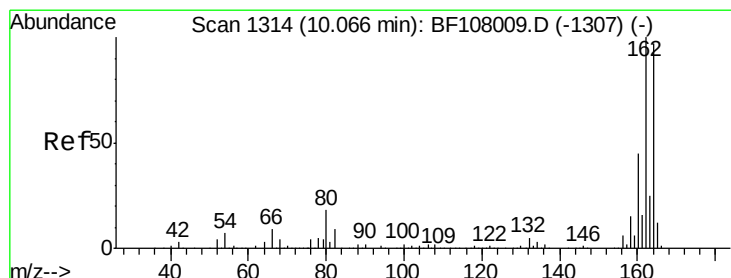
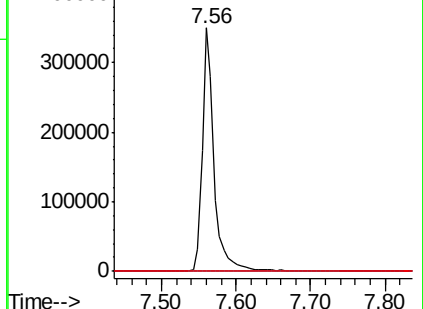
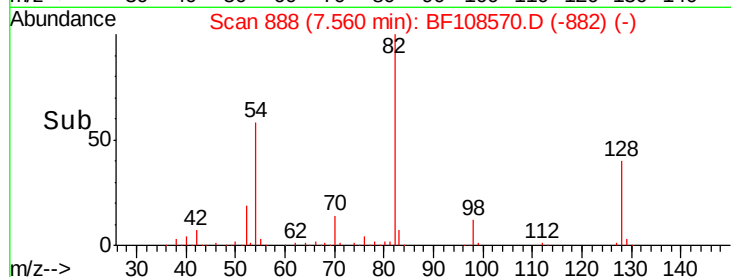
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): 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

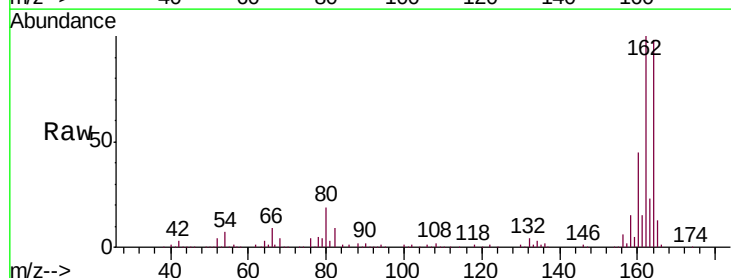
Tgt Ion: 164 Resp: 154019

Ion Ratio Lower Upper

164 100

162 102.4 86.1 129.1

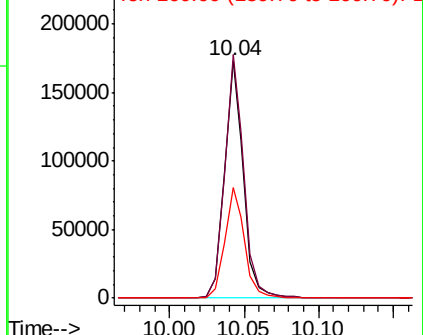
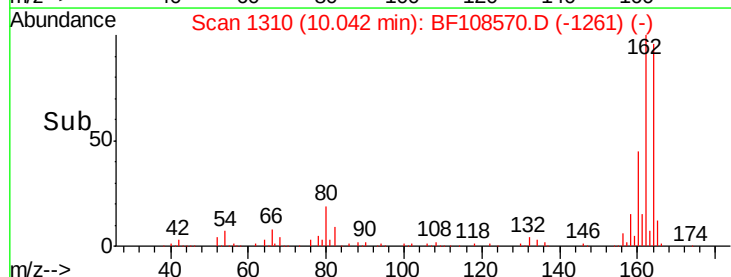
160 46.2 38.3 57.5

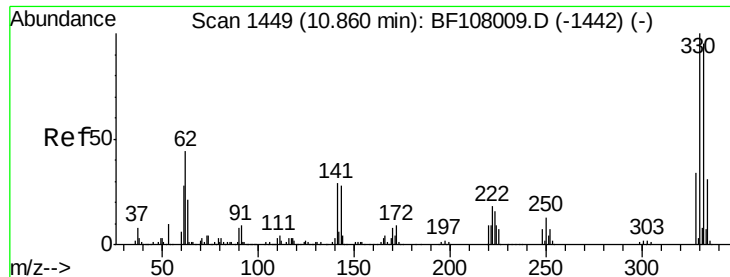


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

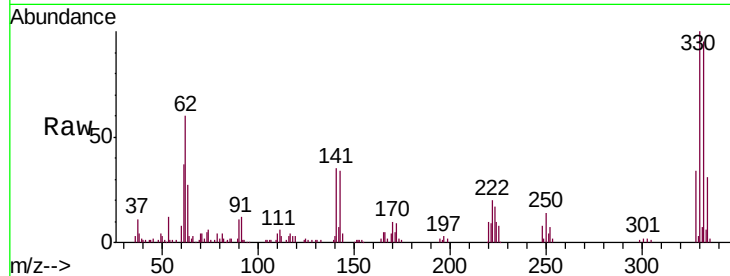




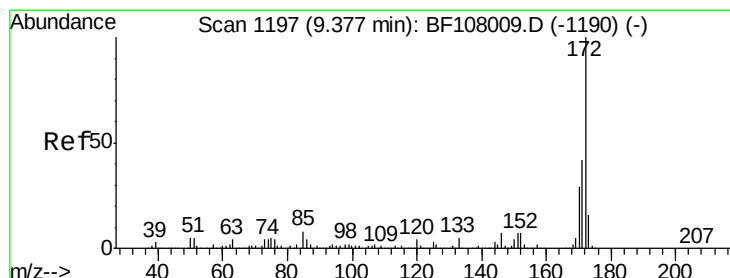
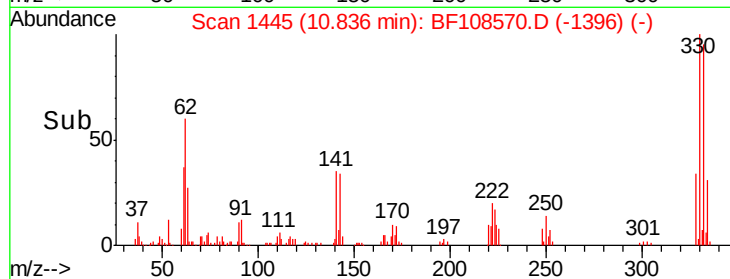
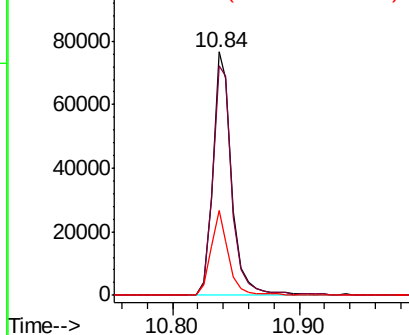
#41
 2,4,6-Tribromophenol
 Concen: 52.356 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108570.D
 Acq: 28 Aug 2018 21:56

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

Tgt Ion:330 Resp: 80434
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 32.2 29.9 44.9

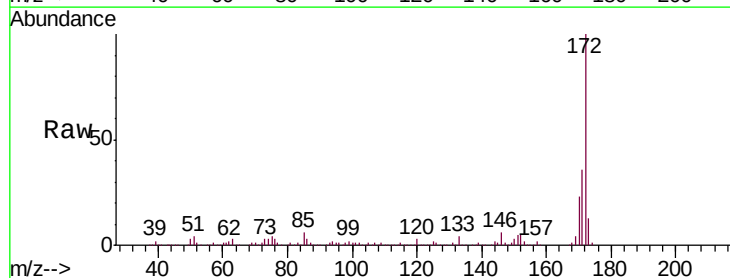


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

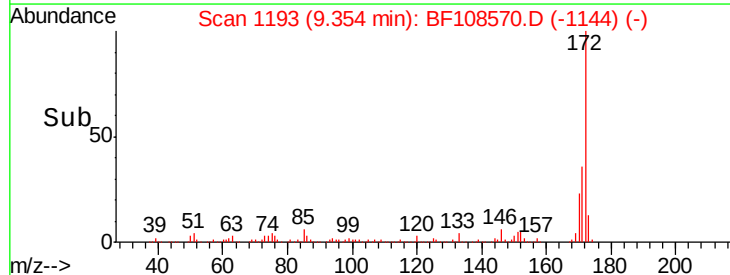
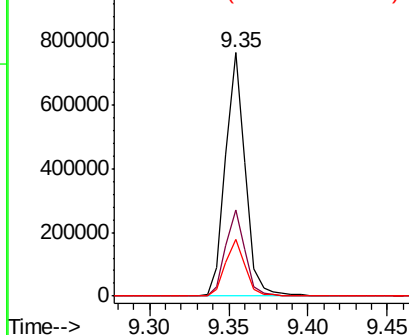


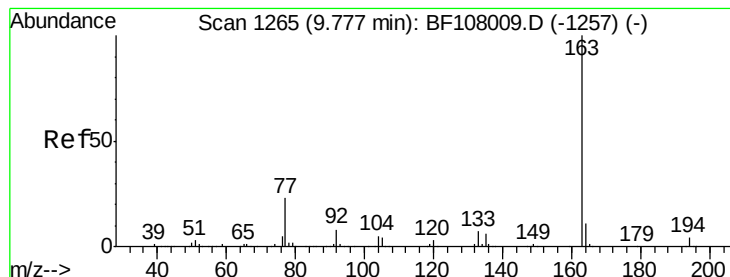
#44
 2-Fluorobiphenyl
 Concen: 69.145 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108570.D
 Acq: 28 Aug 2018 21:56

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-(-)

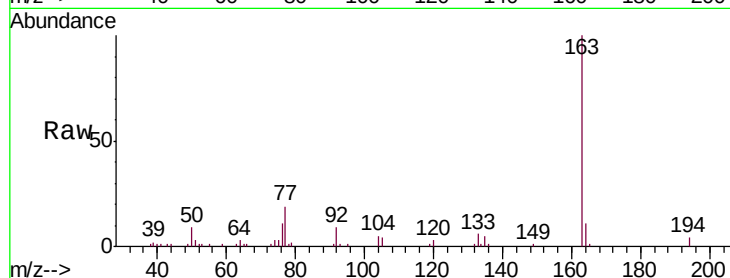
Tgt Ion:163 Resp: 63335

Ion Ratio Lower Upper

163 100

194 4.5 2.7 4.1#

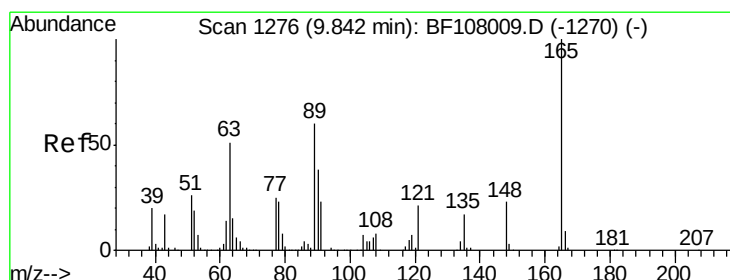
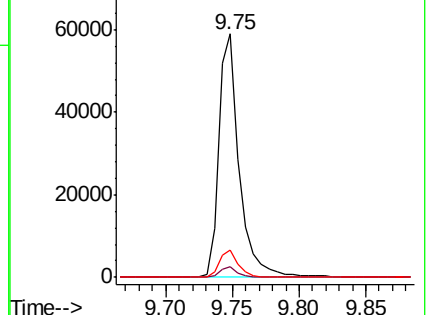
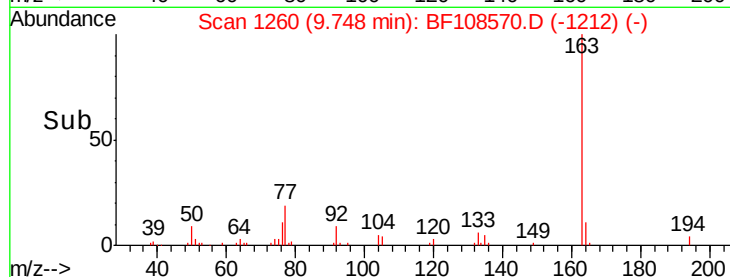
164 11.3 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 8.753 ng

RT: 10.04 min Scan# 1310

Delta R.T. 0.21 min

Lab File: BF108570.D

Acq: 28 Aug 2018 21:56

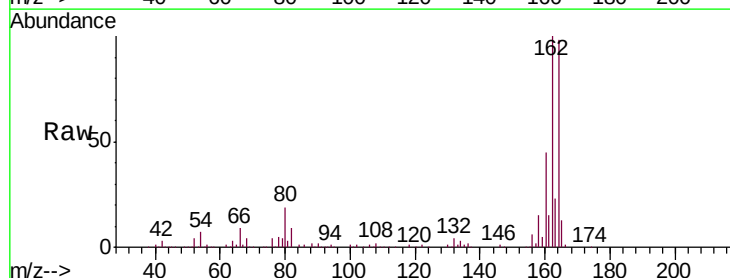
Tgt Ion:165 Resp: 19648

Ion Ratio Lower Upper

165 100

63 1.5 44.7 67.1#

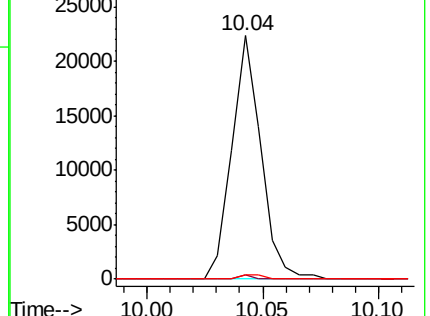
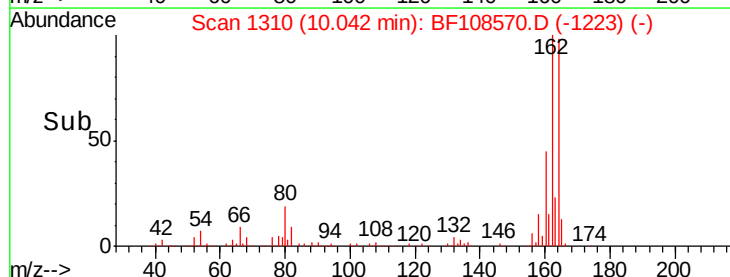
89 1.9 44.0 66.0#

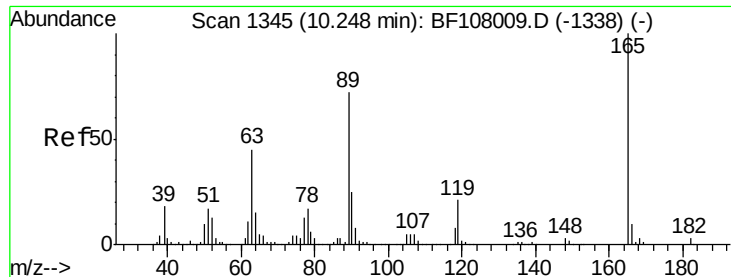


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

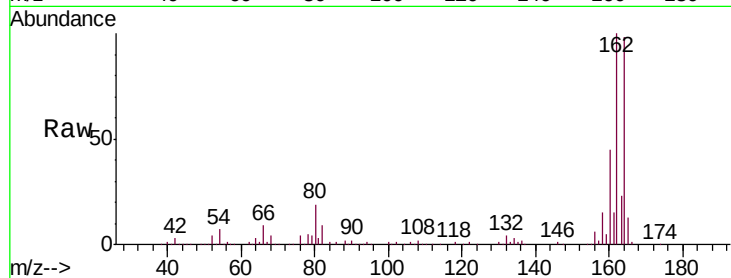




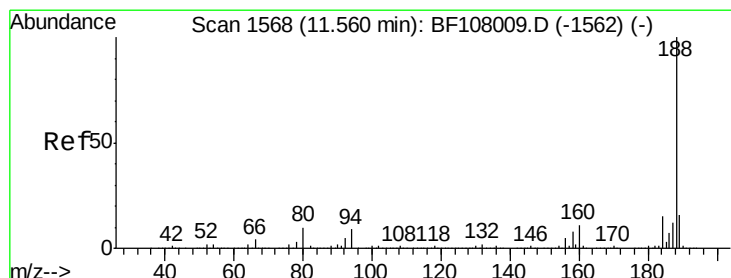
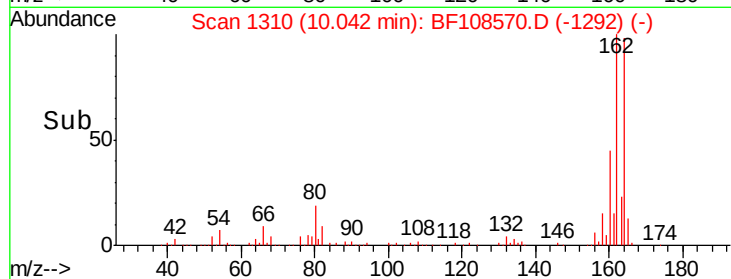
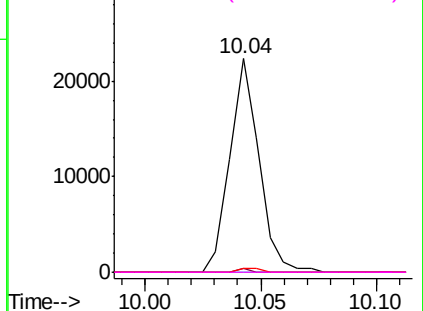
#56
 2,4-Dinitrotoluene
 Concen: 6.800 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108570.D
 Acq: 28 Aug 2018 21:56

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

Tgt Ion:	165	Resp:	19648
Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#

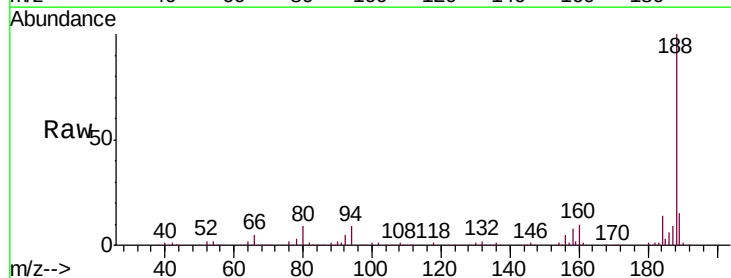


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

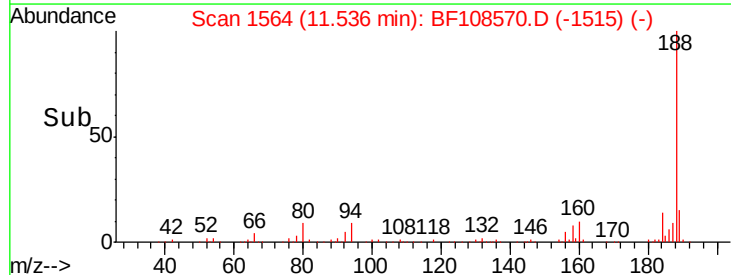
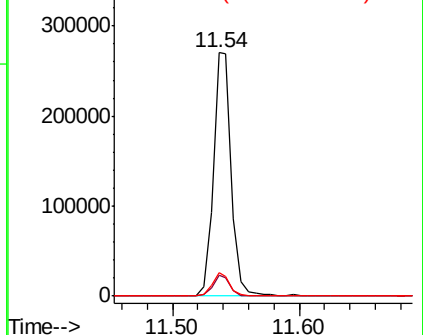


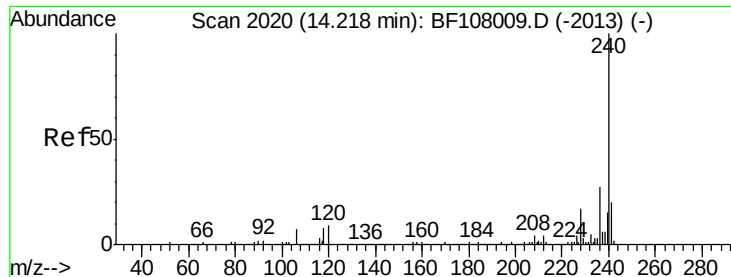
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108570.D
 Acq: 28 Aug 2018 21:56

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-(

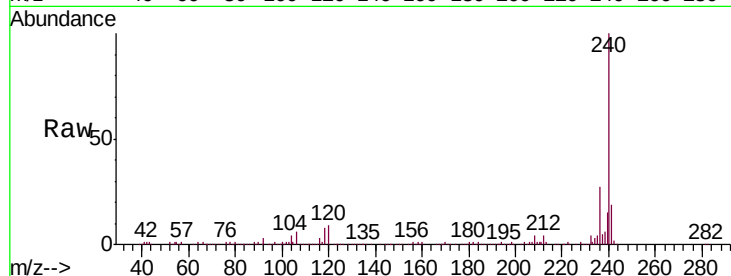
Tgt Ion:240 Resp: 269326

Ion Ratio Lower Upper

240 100

120 8.5 9.5 14.3#

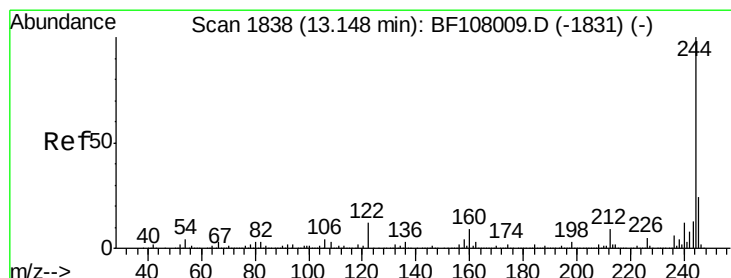
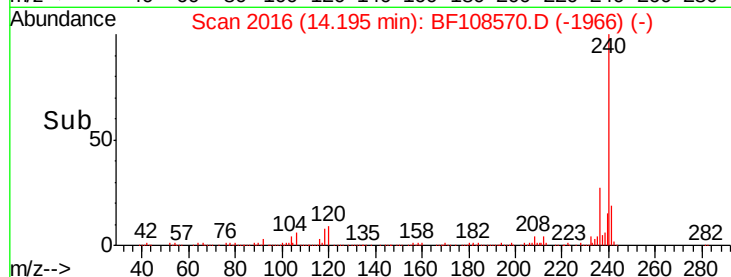
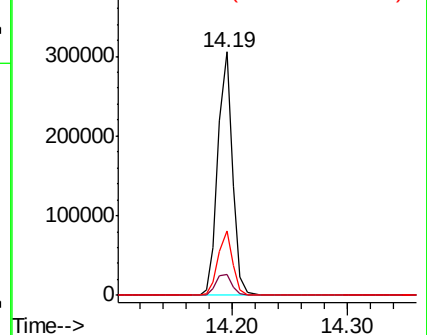
236 26.5 20.7 31.1



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

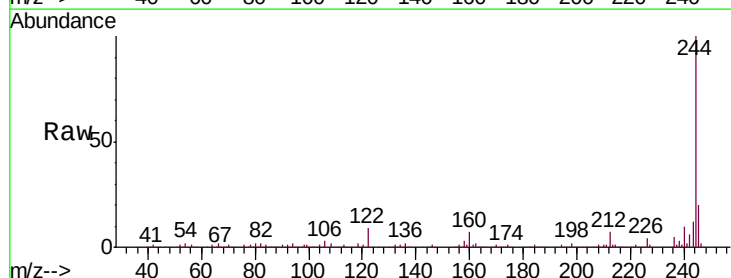
Tgt Ion:244 Resp: 624875

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

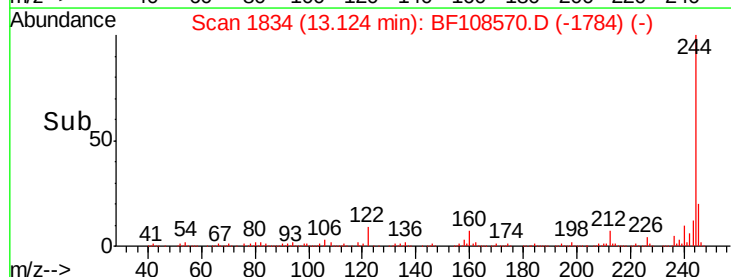
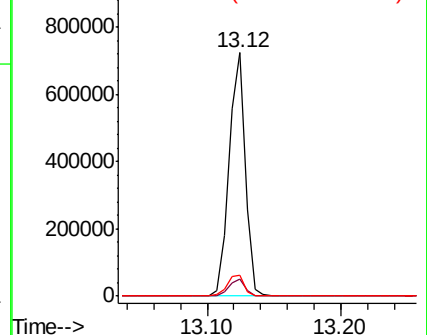
122 8.6 11.0 16.4#

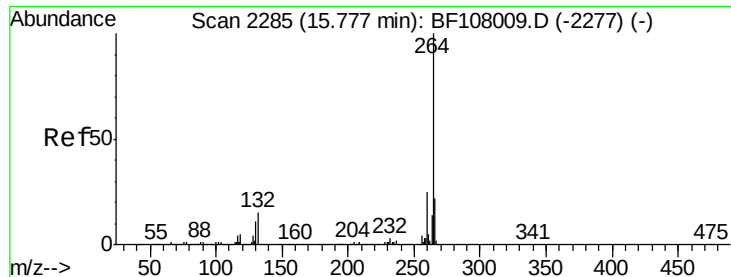


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-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-(

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

