

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082818\
 Data File : BF108569.D
 Acq On : 28 Aug 2018 21:29
 Operator : JU/SJ
 Sample : J4556-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20180533-AMENDED-COMPOSITE-(

Quant Time: Aug 29 01:37:07 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

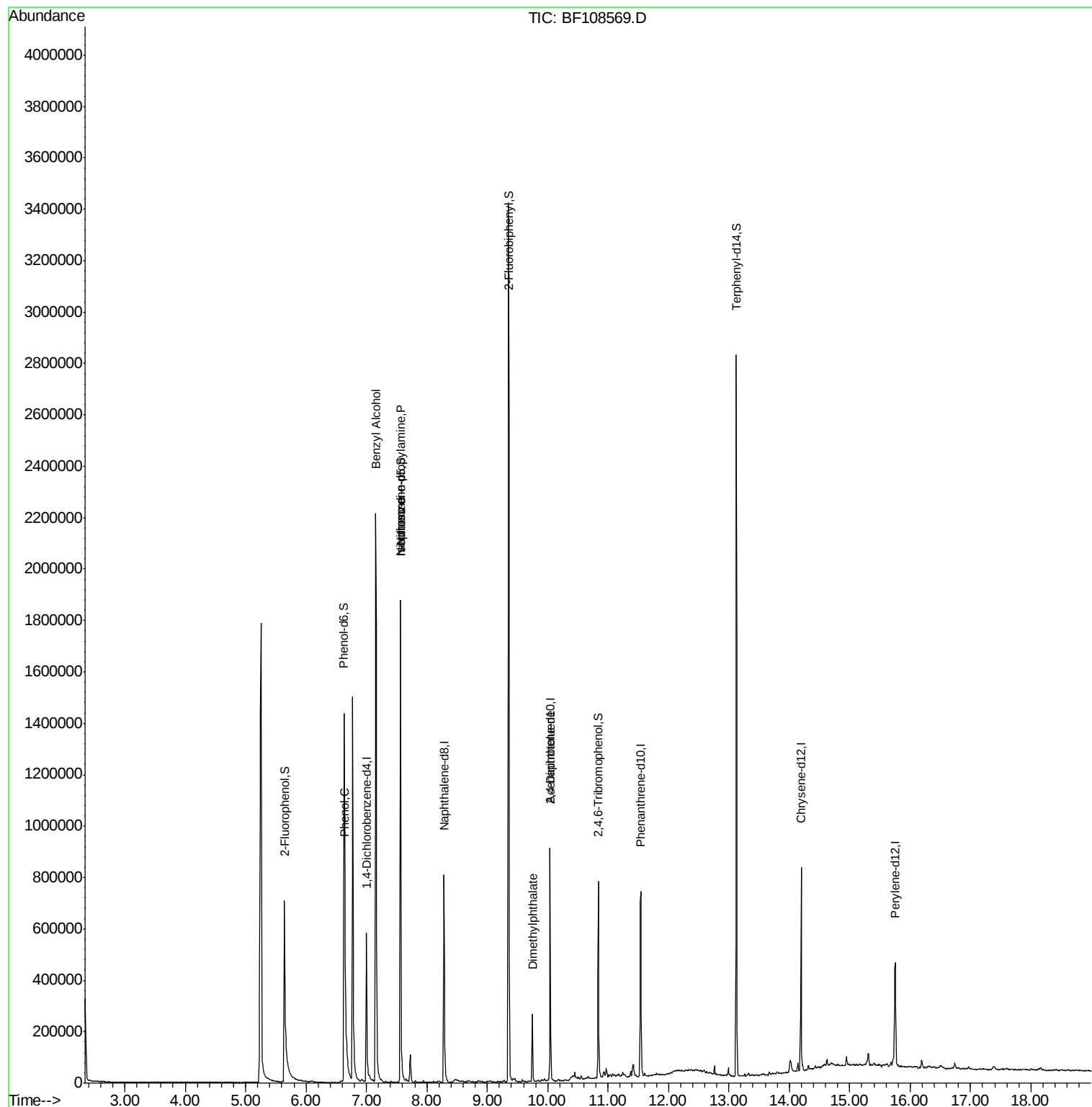
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	107834	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	392373	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	175722	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	281852	20.00	ng	0.00
75) Chrysene-d12	14.19	240	261890	20.00	ng	0.00
86) Perylene-d12	15.75	264	207154	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	346790	58.22	ng	0.01
7) Phenol-d6	6.63	99	741983	93.74	ng	0.00
23) Nitrobenzene-d5	7.57	82	675621	96.08	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	93594	53.40	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1092028	99.77	ng	-0.01
78) Terphenyl-d14	13.12	244	915142	88.85	ng	0.00
Target Compounds						
10) Phenol	6.65	94	17260	2.108	ng	# 4
15) Benzyl Alcohol	7.15	79	13416	2.013	ng	# 46
19) n-Nitroso-di-n-propylamine	7.57	70	91977	17.184	ng	# 84
25) Isophorone	7.57	82	675609	50.409	ng	# 64
49) Dimethylphthalate	9.75	163	113620	9.282	ng	# 99
56) 2,4-Dinitrotoluene	10.04	165	22260	6.753	ng	# 24

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

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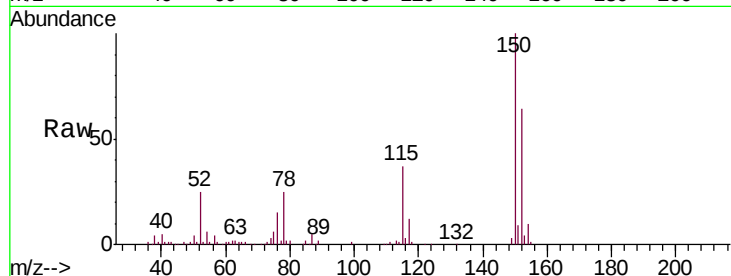


#1

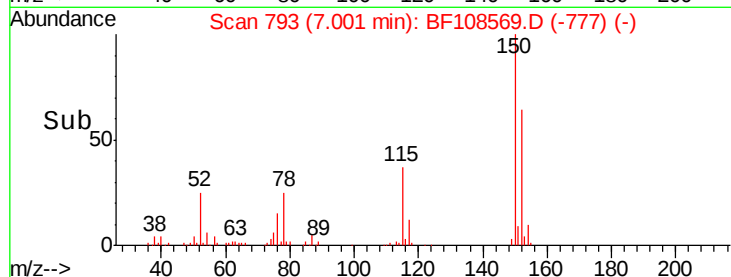
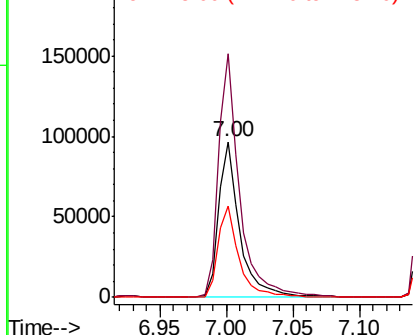
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108569.D
Acq: 28 Aug 2018 21:29

Instrument :
BNA_F
ClientSampleId :
20180533-AMENDED-COMPOSITE-(

Tgt Ion:152 Resp: 107834
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 58.5 50.1 75.1



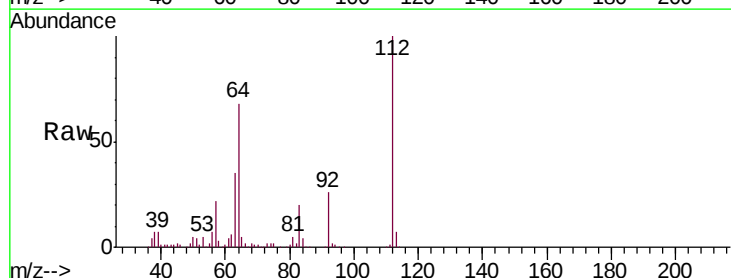
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



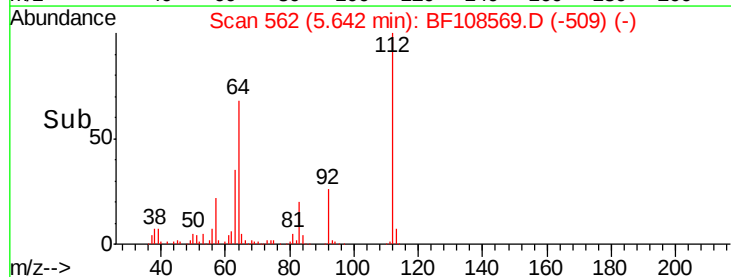
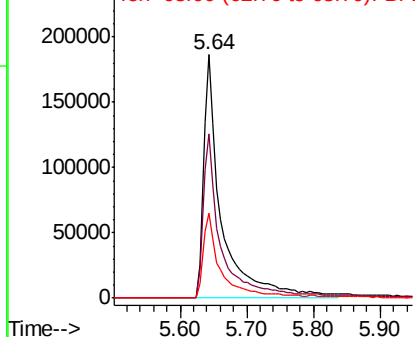
#5

2-Fluorophenol
Concen: 58.224 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108569.D
Acq: 28 Aug 2018 21:29

Tgt Ion:112 Resp: 346790
Ion Ratio Lower Upper
112 100
64 67.5 47.9 71.9
63 35.1 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: 93.744 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108569.D

Acq: 28 Aug 2018 21:29

Instrument :

BNA_F

ClientSampleId :

20180533-AMENDED-COMPOSITE-(-

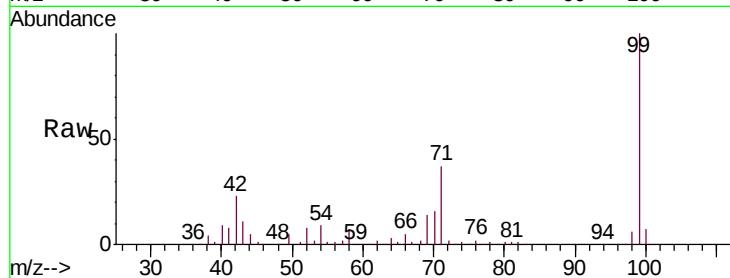
Tgt Ion: 99 Resp: 741983

Ion Ratio Lower Upper

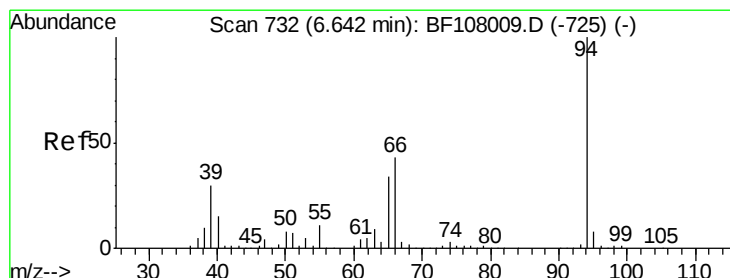
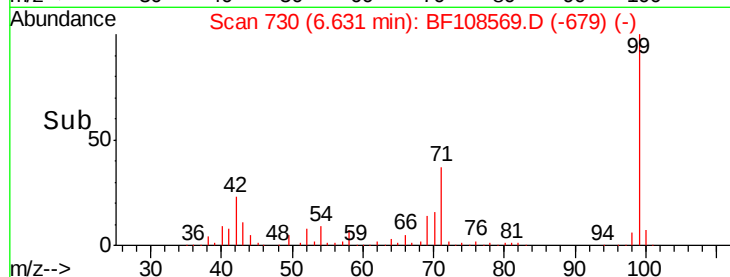
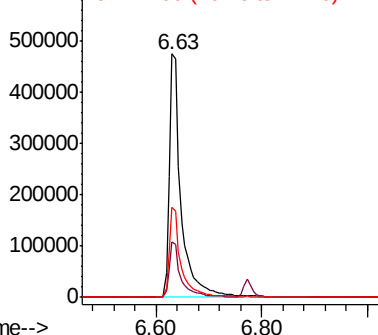
99 100

42 22.7 14.5 21.7#

71 37.2 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



#10

Phenol

Concen: 2.108 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF108569.D

Acq: 28 Aug 2018 21:29

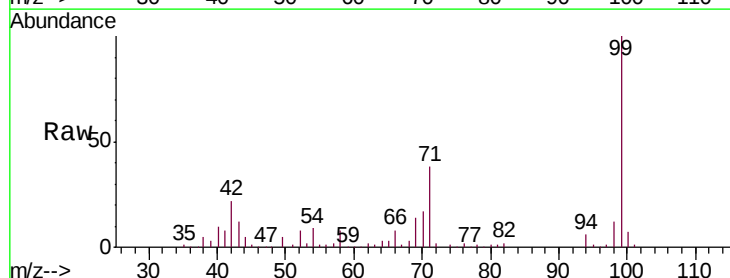
Tgt Ion: 94 Resp: 17260

Ion Ratio Lower Upper

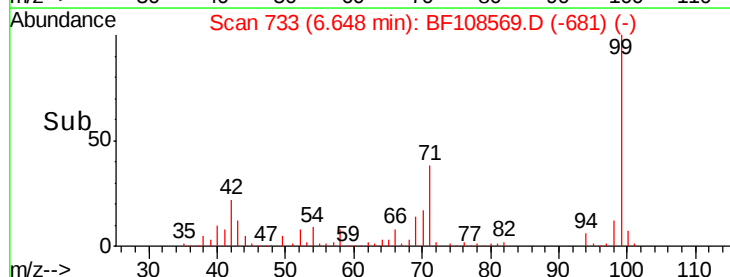
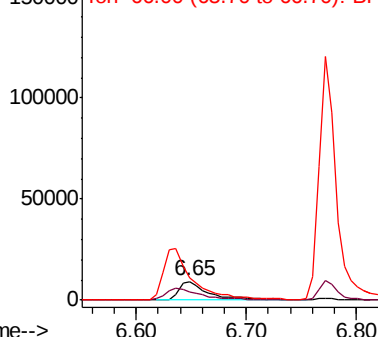
94 100

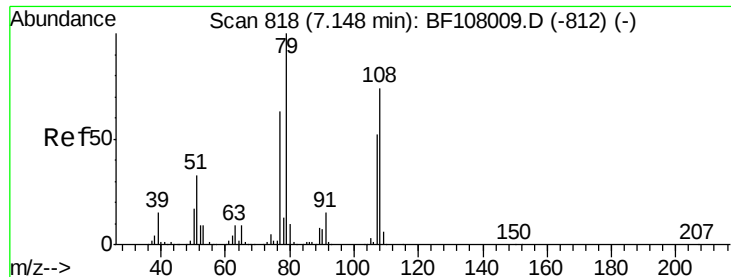
65 46.6 7.9 47.9

66 120.5 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#15

Benzyl Alcohol

Concen: 2.013 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF108569.D

Acq: 28 Aug 2018 21:29

Instrument :

BNA_F

ClientSampleId :

20180533-AMENDED-COMPOSITE-(-)

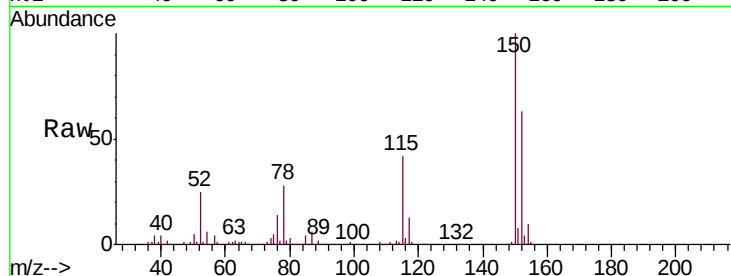
Tgt Ion: 79 Resp: 13416

Ion Ratio Lower Upper

79 100

108 29.8 65.1 97.7#

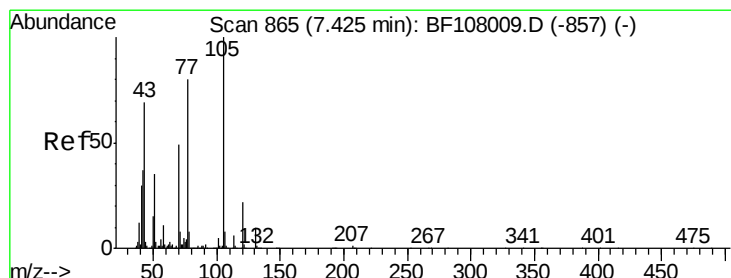
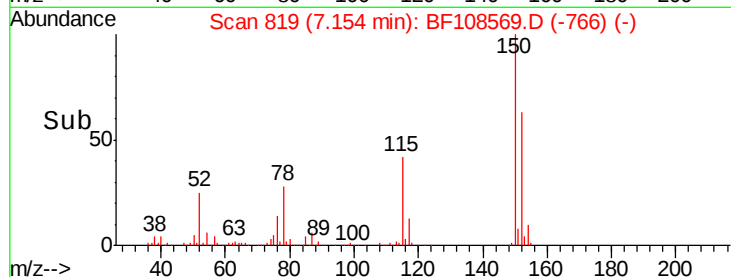
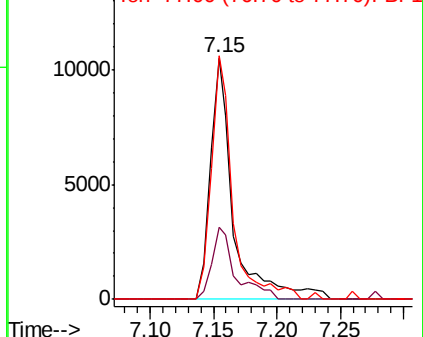
77 100.9 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 17.184 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108569.D

Acq: 28 Aug 2018 21:29

Tgt Ion: 70 Resp: 91977

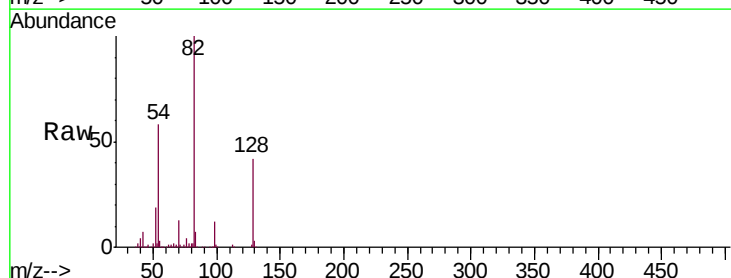
Ion Ratio Lower Upper

70 100

42 55.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

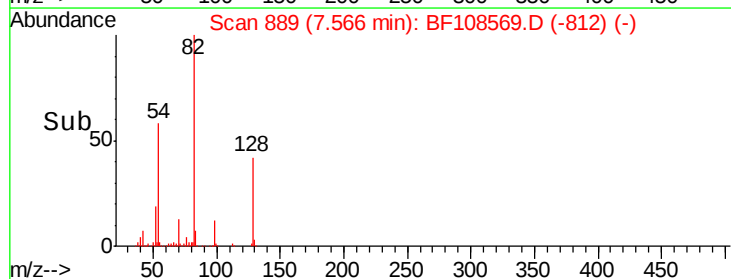
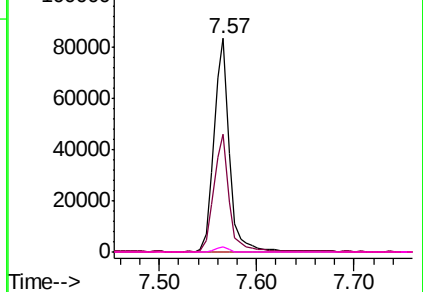


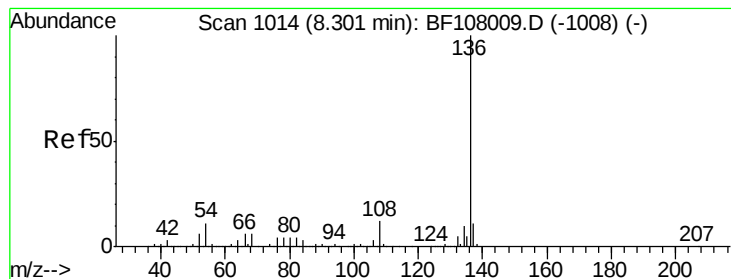
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF108569.D

Acq: 28 Aug 2018 21:29

Instrument :

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20180533-AMENDED-COMPOSITE-(

Tgt Ion:136 Resp: 392373

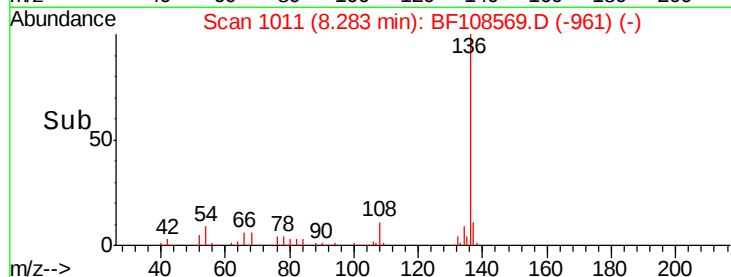
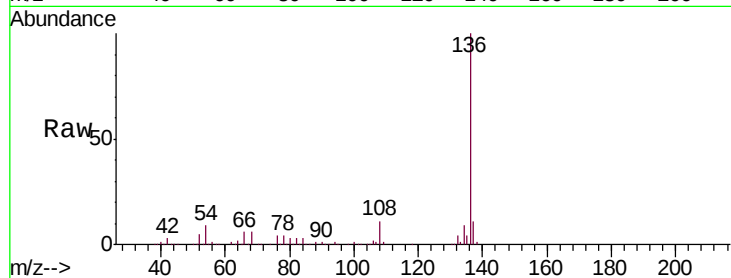
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.4 6.6 9.8

68 5.6 5.0 7.4

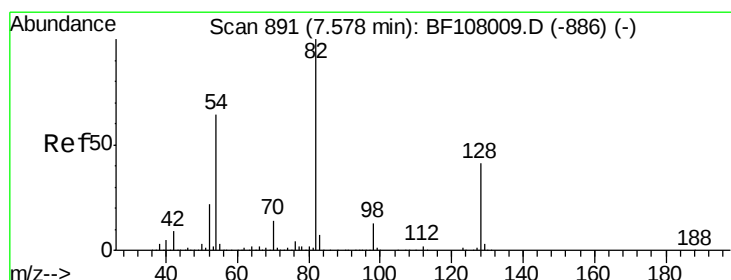
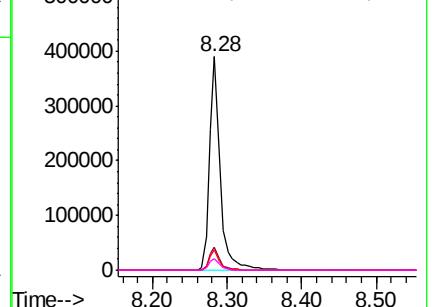


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.084 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF108569.D

Acq: 28 Aug 2018 21:29

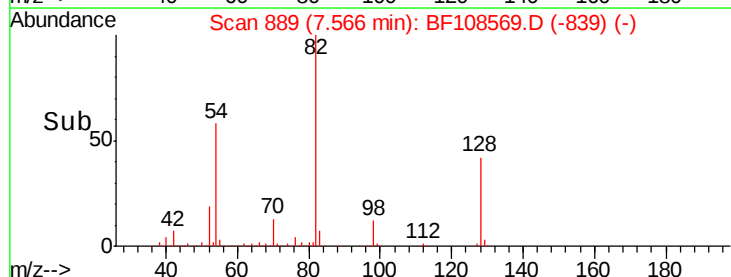
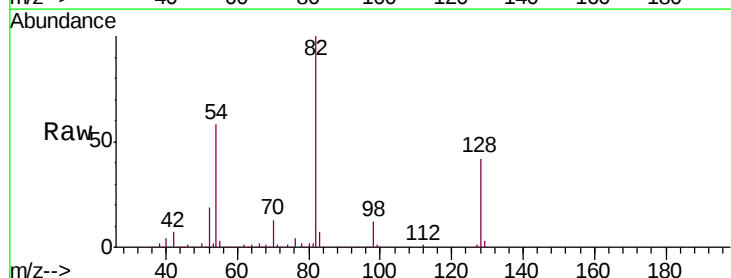
Tgt Ion: 82 Resp: 675621

Ion Ratio Lower Upper

82 100

128 42.3 36.1 54.1

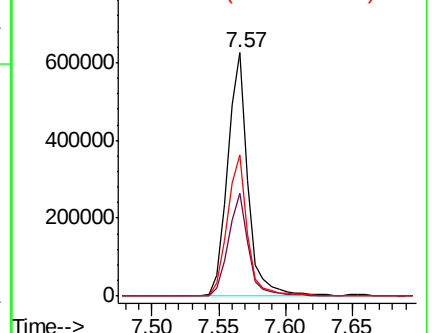
54 57.9 41.4 62.2

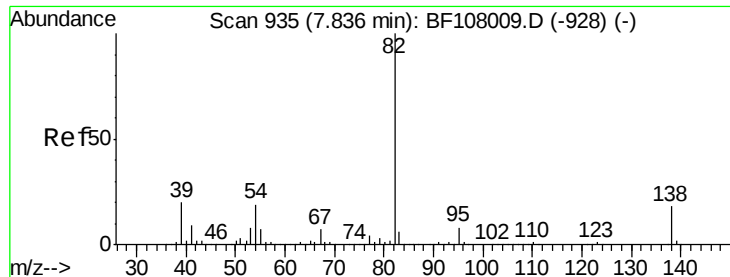


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 50.409 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF108569.D

Acq: 28 Aug 2018 21:29

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ClientSampleId :

20180533-AMENDED-COMPOSITE-(-)

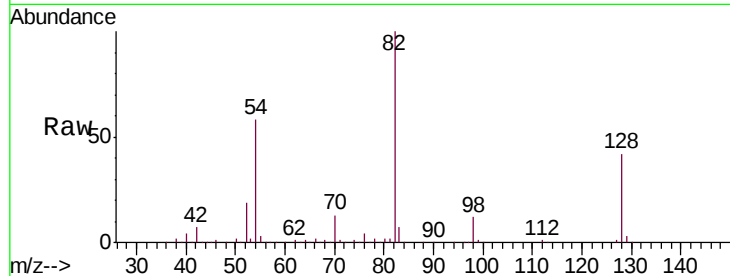
Tgt Ion: 82 Resp: 675609

Ion Ratio Lower Upper

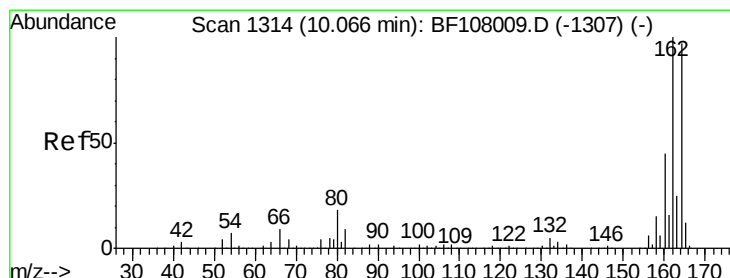
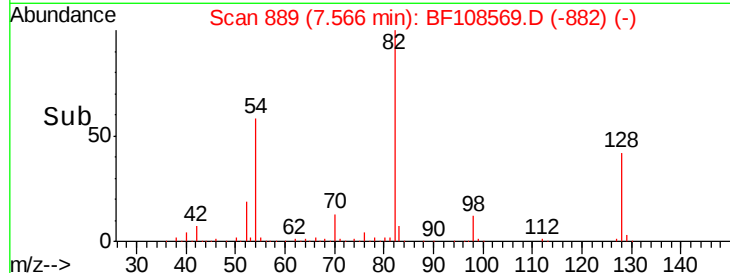
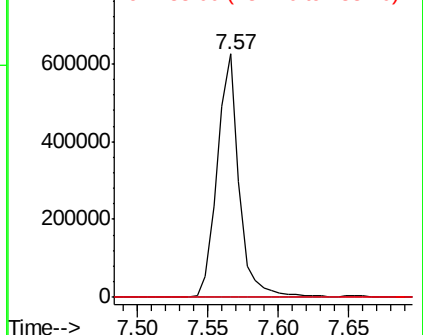
82 100

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: BF108569.D

Acq: 28 Aug 2018 21:29

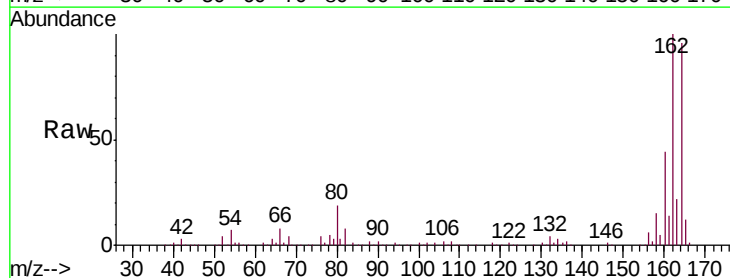
Tgt Ion: 164 Resp: 175722

Ion Ratio Lower Upper

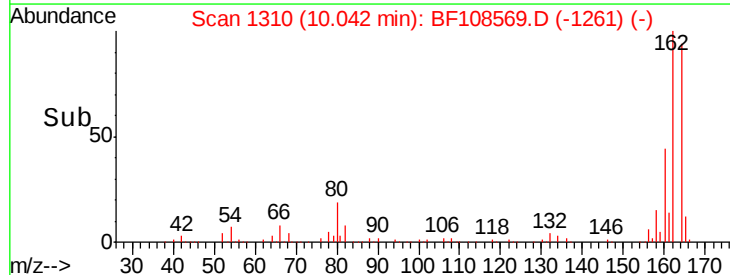
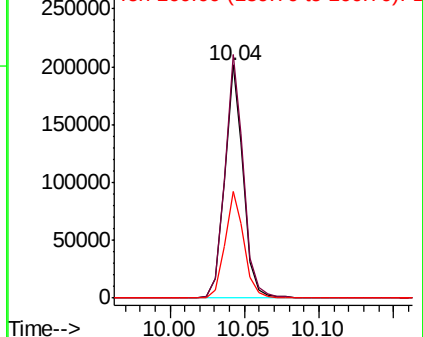
164 100

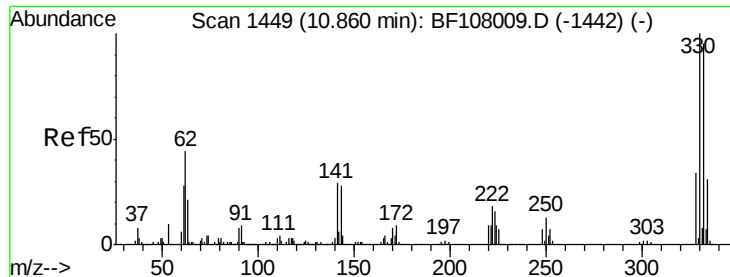
162 104.4 86.1 129.1

160 45.8 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

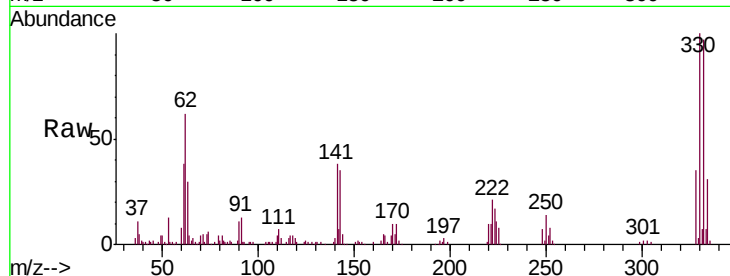




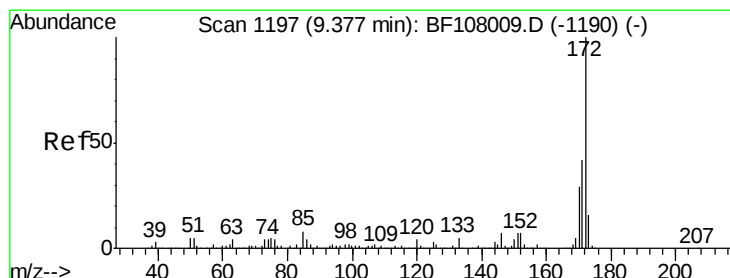
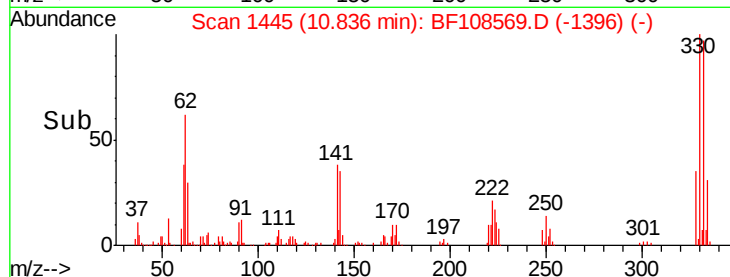
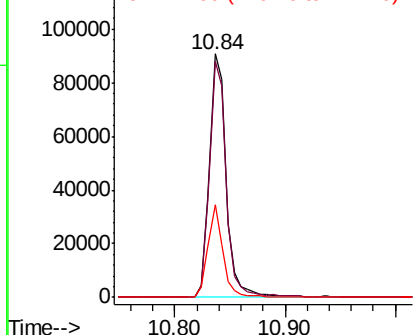
#41
 2,4,6-Tribromophenol
 Concen: 53.397 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108569.D
 Acq: 28 Aug 2018 21:29

Instrument :
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 20180533-AMENDED-COMPOSITE-(-

Tgt Ion:330 Resp: 93594
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 33.7 29.9 44.9

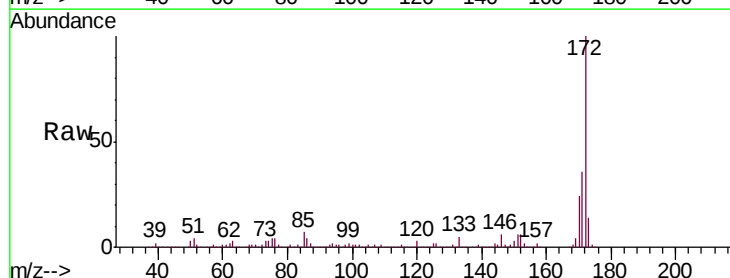


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

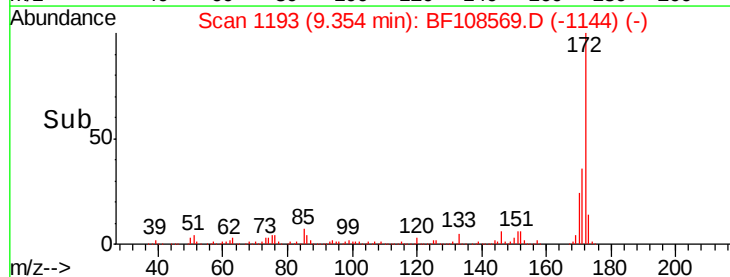
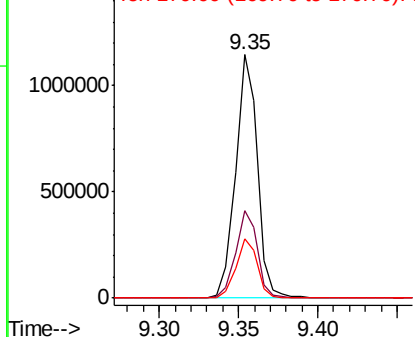


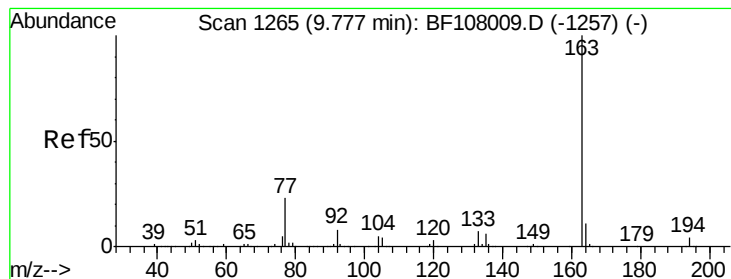
#44
 2-Fluorobiphenyl
 Concen: 99.772 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108569.D
 Acq: 28 Aug 2018 21:29

Tgt Ion:172 Resp: 1092028
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.2 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: 9.282 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF108569.D

Acq: 28 Aug 2018 21:29

Instrument :

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20180533-AMENDED-COMPOSITE-(-)

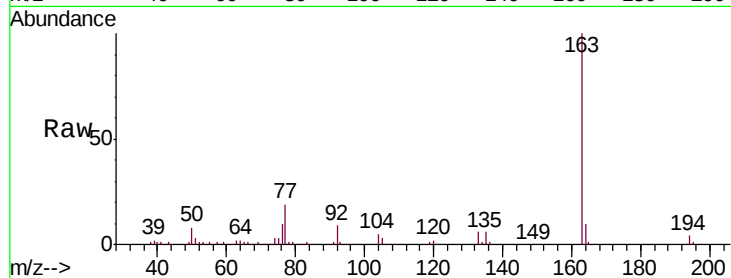
Tgt Ion:163 Resp: 113620

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

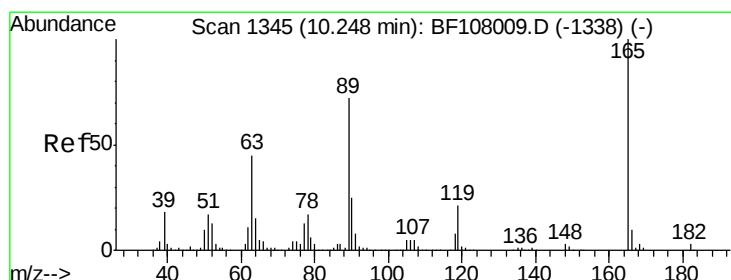
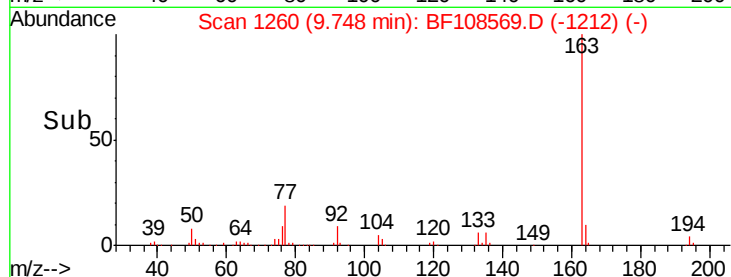
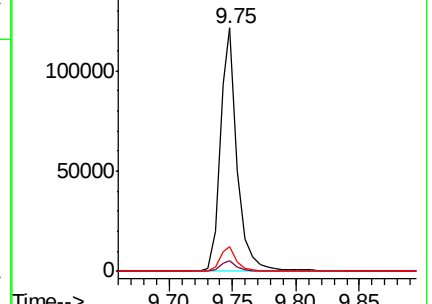
164 10.0 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 6.753 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.19 min

Lab File: BF108569.D

Acq: 28 Aug 2018 21:29

Tgt Ion:165 Resp: 22260

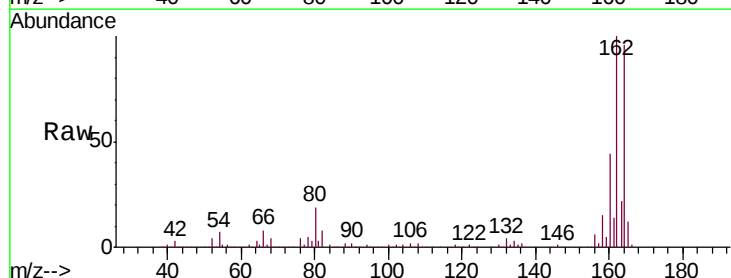
Ion Ratio Lower Upper

165 100

63 1.8 36.4 54.6#

89 2.3 57.8 86.6#

182 0.0 1.6 2.4#

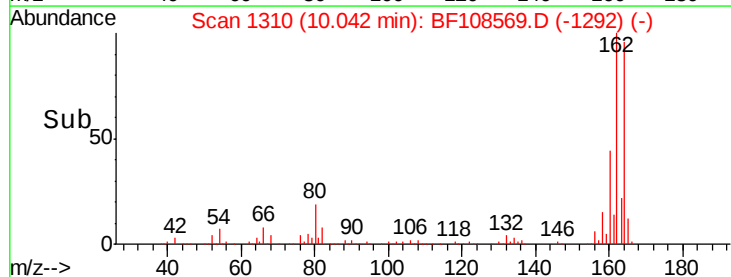
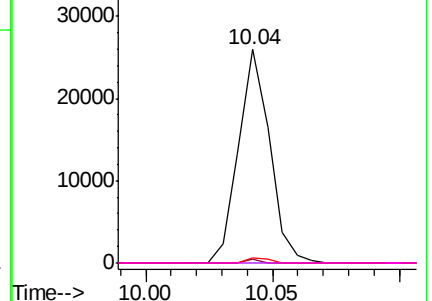


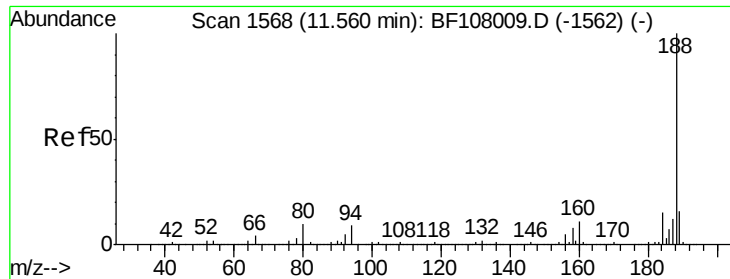
Abundance Ion 165.00 (164.70 to 165.70): E

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

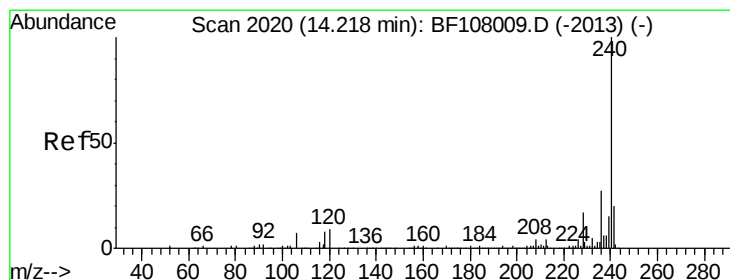
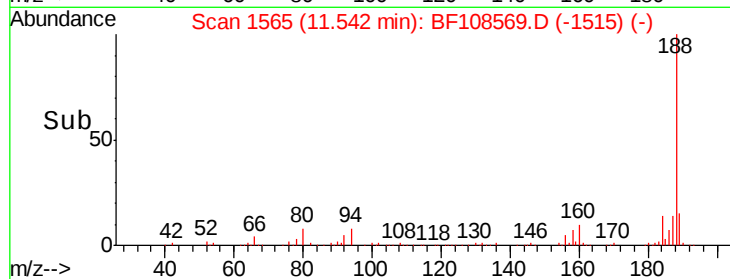
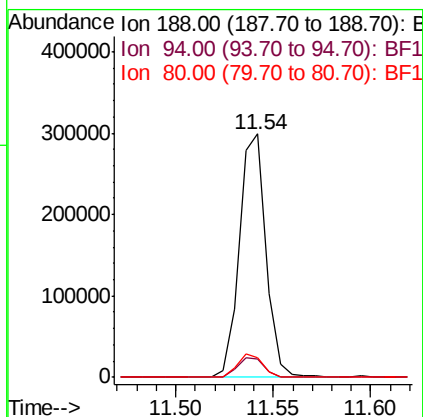
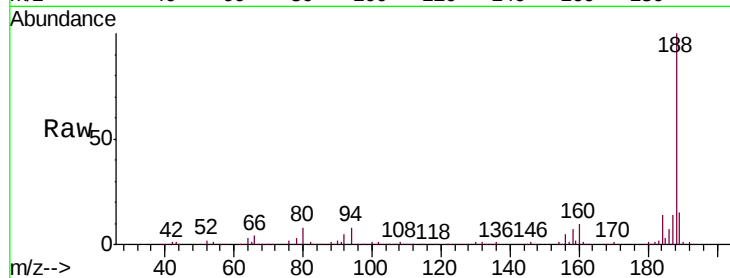




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108569.D
Acq: 28 Aug 2018 21:29

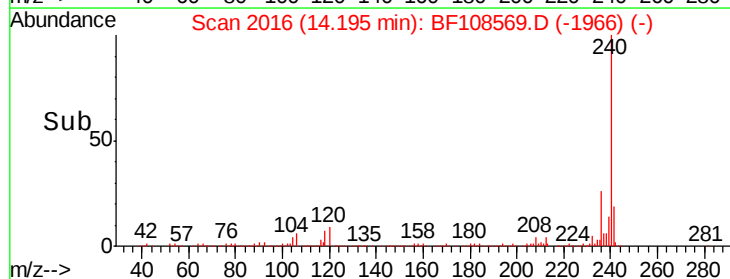
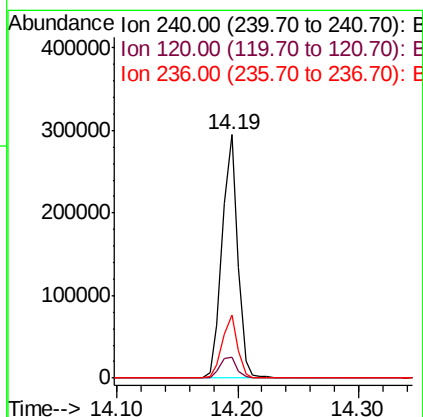
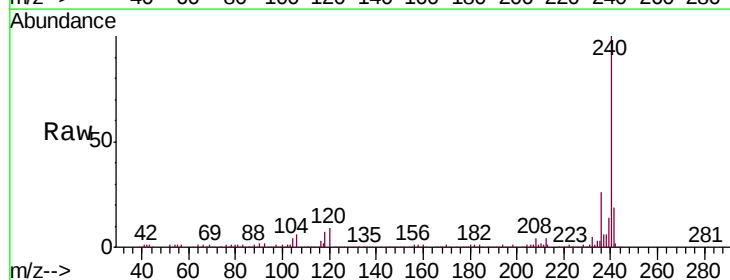
Instrument :
BNA_F
ClientSampleId :
20180533-AMENDED-COMPOSITE-(-

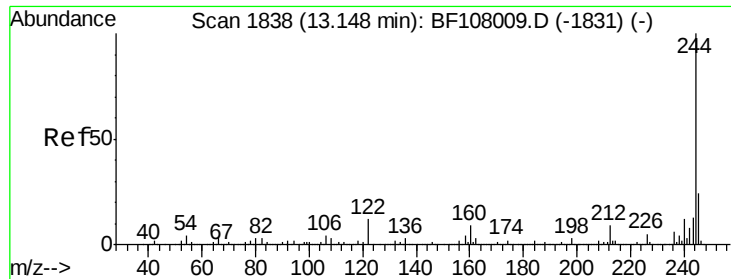
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	281852		
94	7.7		8.5	12.7#
80	8.2		9.2	13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108569.D
Acq: 28 Aug 2018 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	261890		
120	8.8		9.5	14.3#
236	25.9		20.7	31.1

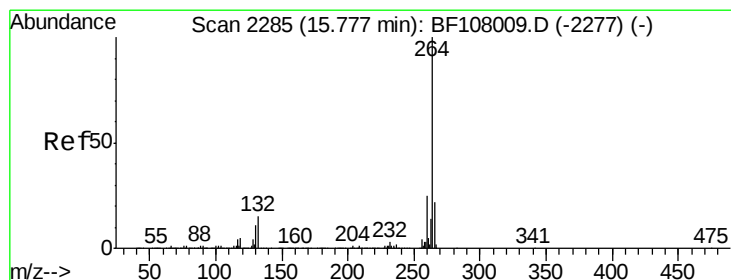
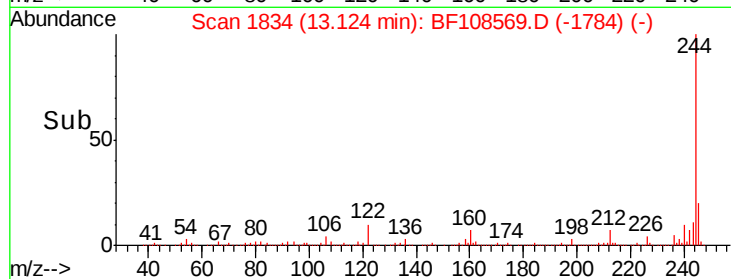
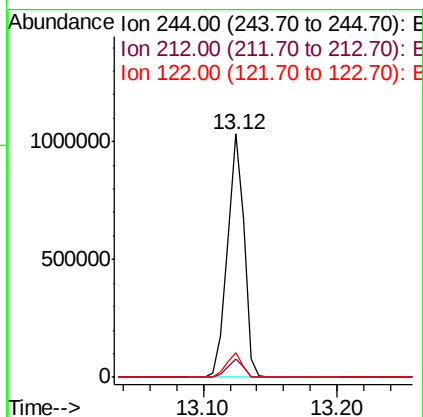
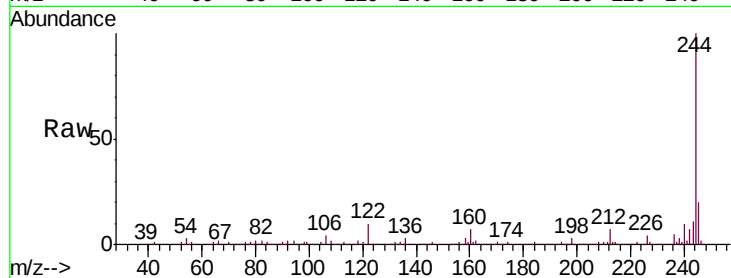




#78
 Terphenyl-d14
 Concen: 88.847 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108569.D
 Acq: 28 Aug 2018 21:29

Instrument :
 BNA_F
 ClientSampleId :
 20180533-AMENDED-COMPOSITE-(

Tgt Ion:244 Resp: 915142
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 10.1 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BF108569.D
 Acq: 28 Aug 2018 21:29

Tgt Ion:264 Resp: 207154
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.0 17.5 26.3

