

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022119\
 Data File : BF112657.D
 Acq On : 21 Feb 2019 17:18
 Operator : JU/SJ
 Sample : K1537-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-2

Quant Time: Feb 21 21:48:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

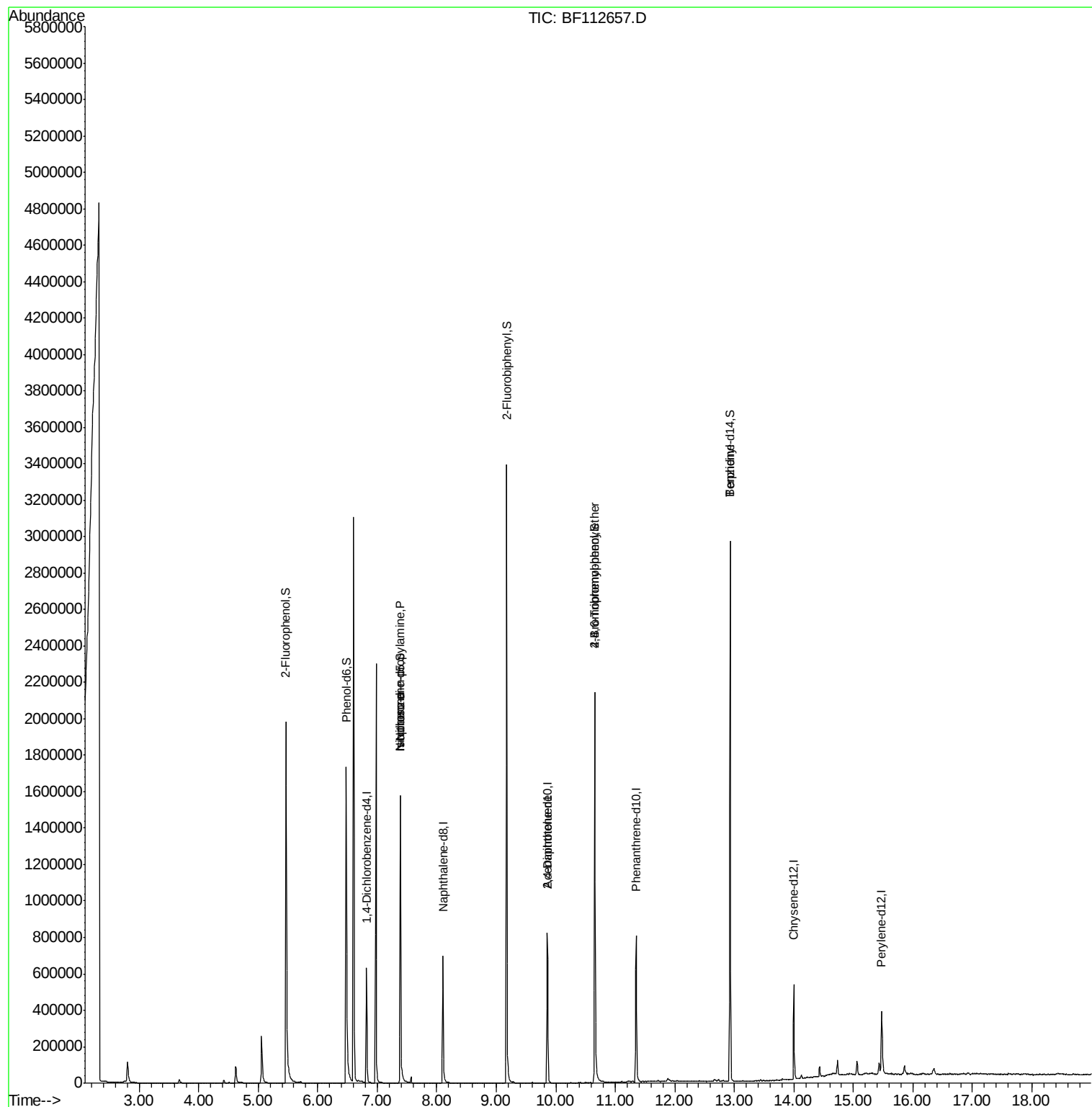
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	97029	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	376097	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	182058	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	325508	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	193505	20.00	ng	-0.01
87) Perylene-d12	15.47	264	183915	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	657998	144.04	ng	-0.01
7) Phenol-d6	6.48	99	730230	115.04	ng	-0.01
23) Nitrobenzene-d5	7.39	82	618330	94.73	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	292063	137.82	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	1235928	96.01	ng	-0.02
79) Terphenyl-d14	12.93	244	1067099	103.86	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	84817	19.378	ng	# 77
25) Isophorone	7.39	82	618326	60.384	ng	# 63
57) 2,4-Dinitrotoluene	9.86	165	22991	5.701	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	17717	4.628	ng	# 1
77) Benzidine	12.93	184	15656	2.940	ng	# 89

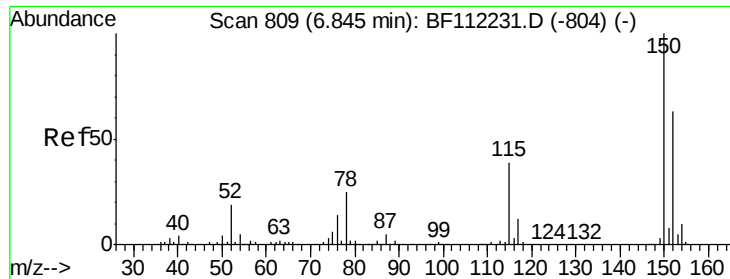
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022119\
Data File : BF112657.D
Acq On : 21 Feb 2019 17:18
Operator : JU/SJ
Sample : K1537-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2

Quant Time: Feb 21 21:48:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration



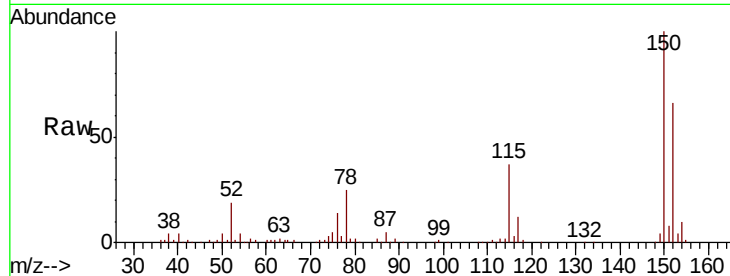


#1

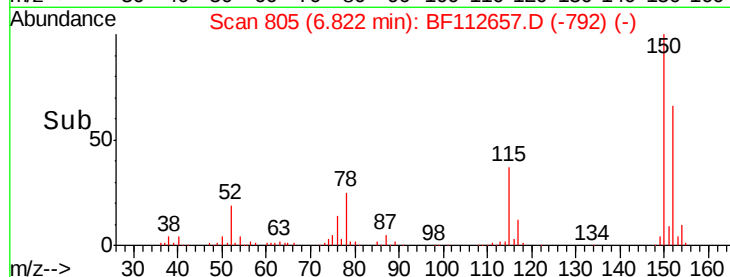
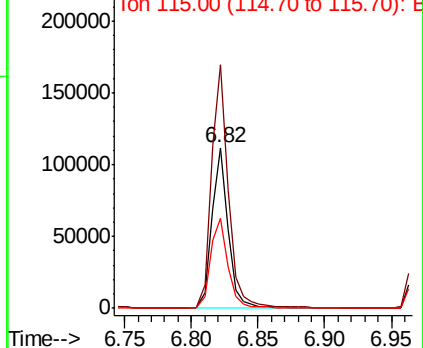
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF112657.D
 Acq: 21 Feb 2019 17:18

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-2

Tgt Ion:152 Resp: 97029
 Ion Ratio Lower Upper
 152 100
 150 151.3 127.4 191.0
 115 55.7 45.5 68.3



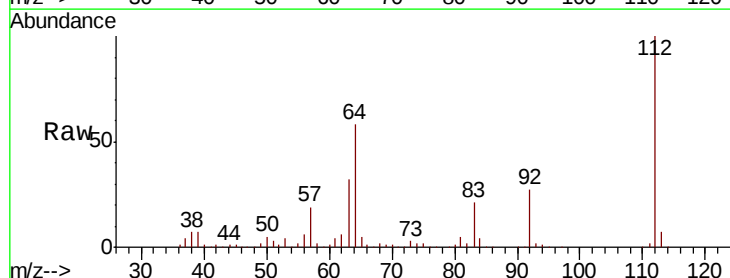
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



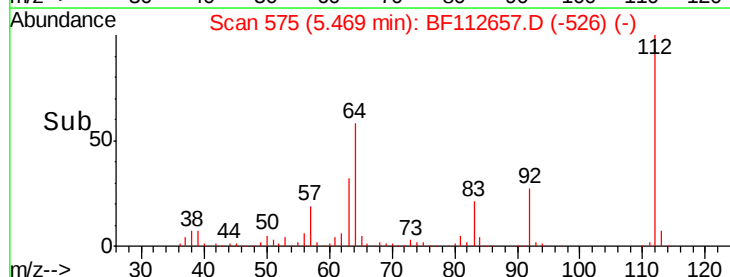
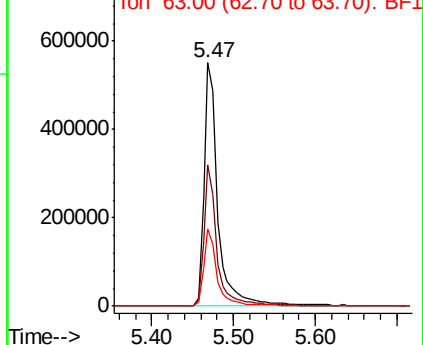
#5

2-Fluorophenol
 Concen: 144.043 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF112657.D
 Acq: 21 Feb 2019 17:18

Tgt Ion:112 Resp: 657998
 Ion Ratio Lower Upper
 112 100
 64 57.8 45.7 68.5
 63 31.9 23.6 35.4



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: 115.041 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112657.D

Acq: 21 Feb 2019 17:18

Instrument :

BNA_F

ClientSampleId :

DRUM-1-2

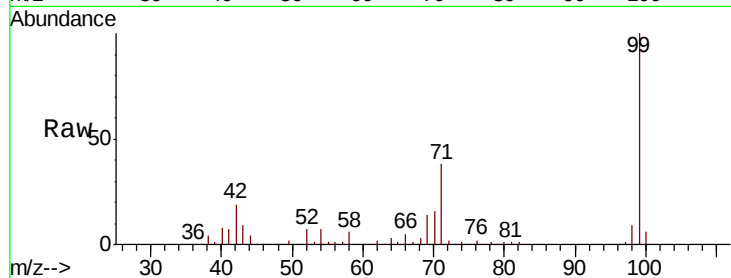
Tgt Ion: 99 Resp: 730230

Ion Ratio Lower Upper

99 100

42 18.7 15.1 22.7

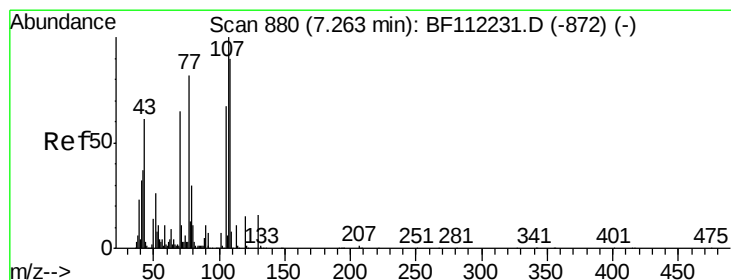
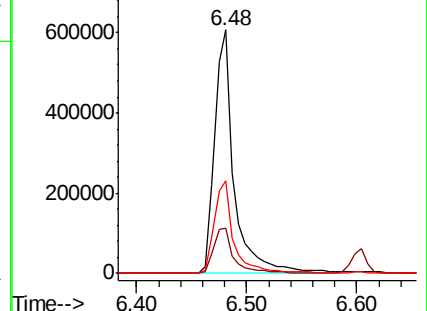
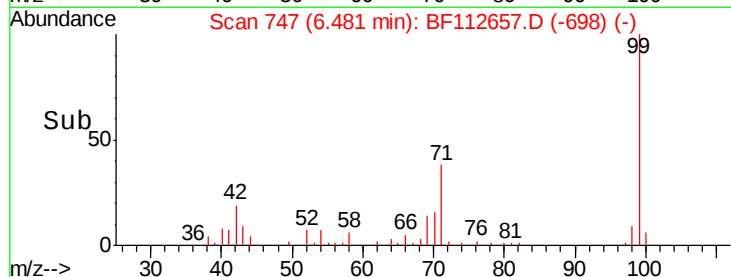
71 38.1 26.9 40.3



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: 19.378 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.12 min

Lab File: BF112657.D

Acq: 21 Feb 2019 17:18

Tgt Ion: 70 Resp: 84817

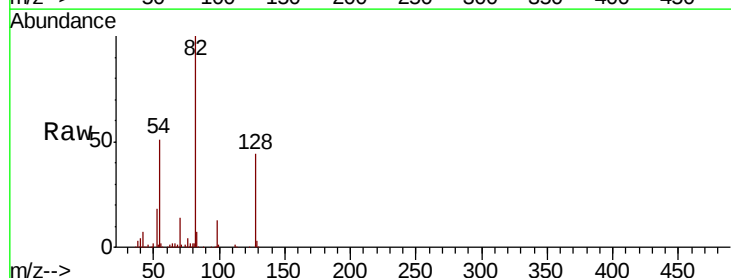
Ion Ratio Lower Upper

70 100

42 48.0 47.6 71.4

101 0.0 7.9 11.9#

130 2.1 18.4 27.6#

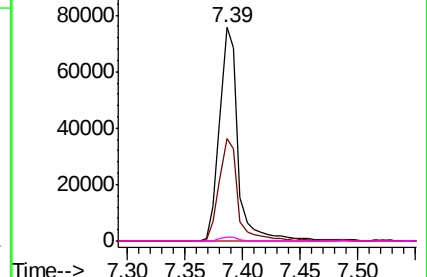
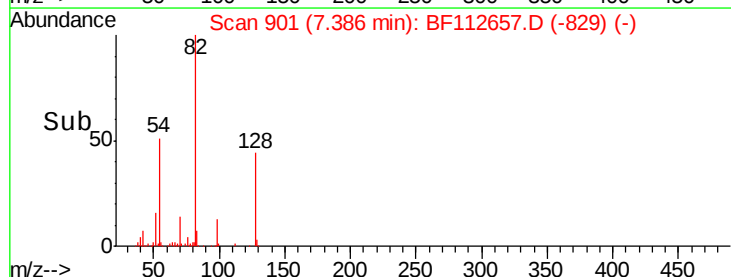


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF112657.D

Acq: 21 Feb 2019 17:18

Instrument :

BNA_F

ClientSampleId :

DRUM-1-2

Tgt Ion:136 Resp: 376097

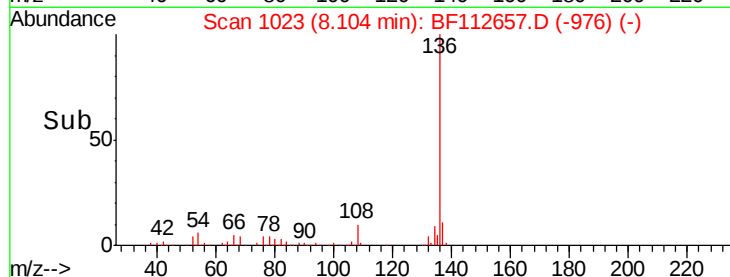
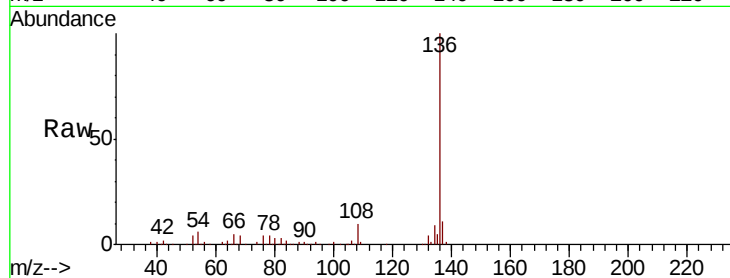
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 5.8 5.9 8.9#

68 4.3 5.1 7.7#

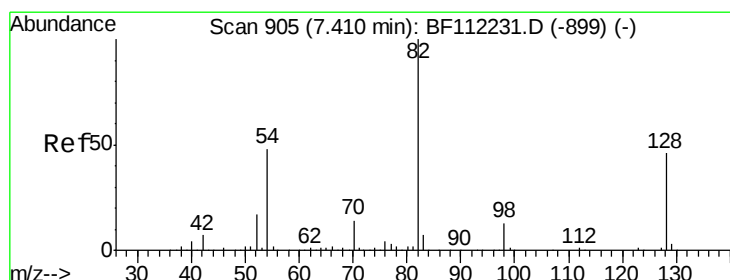
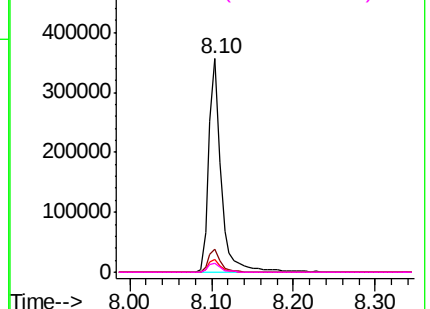


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.731 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.02 min

Lab File: BF112657.D

Acq: 21 Feb 2019 17:18

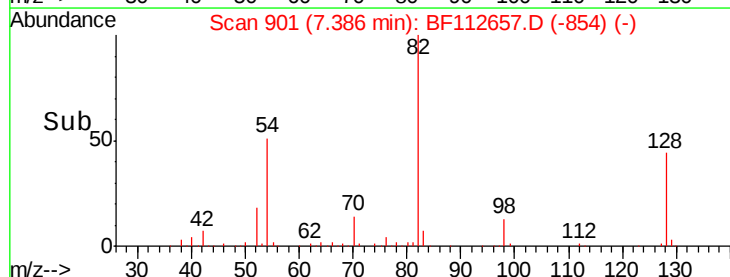
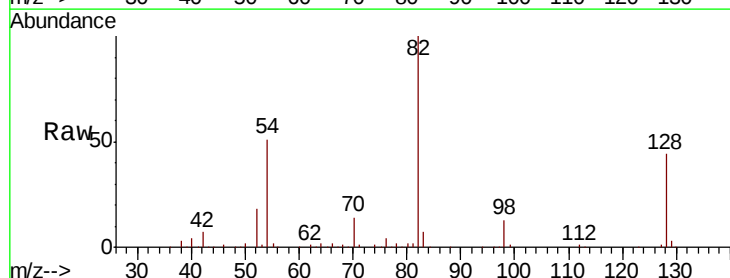
Tgt Ion: 82 Resp: 618330

Ion Ratio Lower Upper

82 100

128 44.1 37.8 56.8

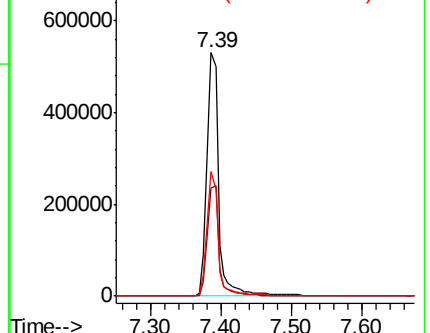
54 51.0 39.7 59.5



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

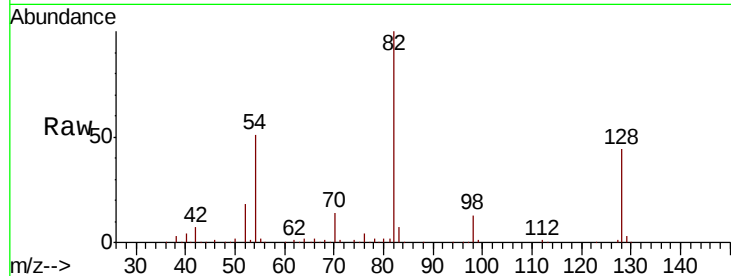




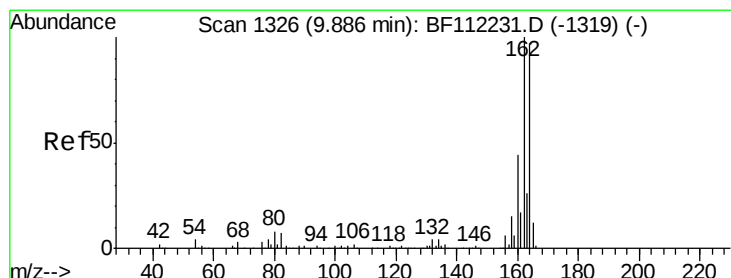
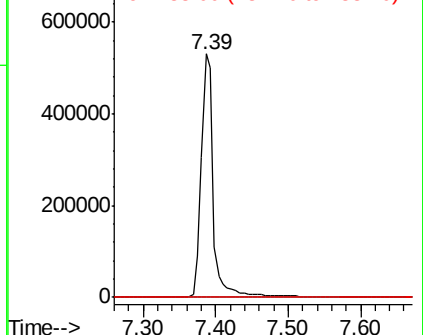
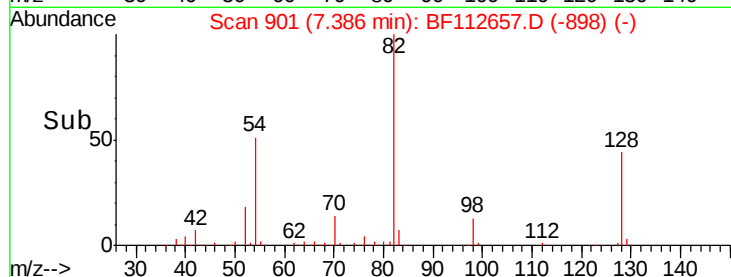
#25
Isophorone
Concen: 60.384 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.28 min
Lab File: BF112657.D
Acq: 21 Feb 2019 17:18

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2

Tgt Ion: 82 Resp: 618326
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.4 23.0#

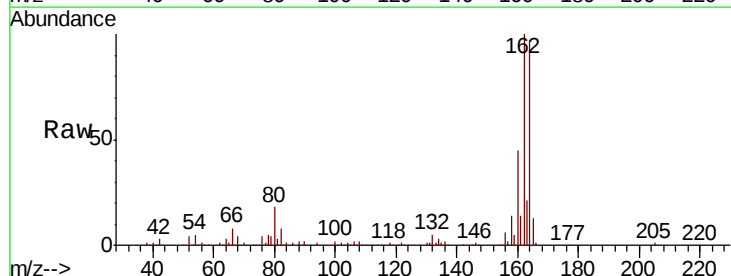


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

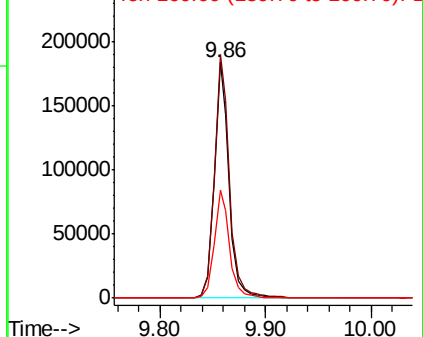
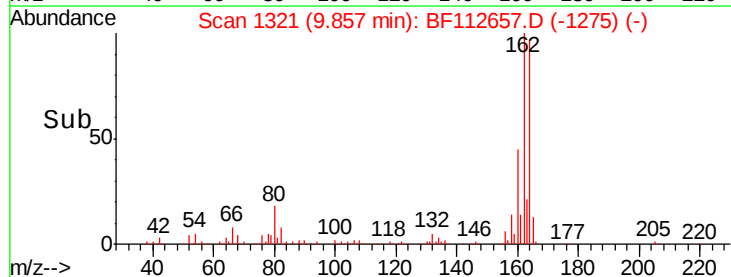


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BF112657.D
Acq: 21 Feb 2019 17:18

Tgt Ion: 164 Resp: 182058
Ion Ratio Lower Upper
164 100
162 103.2 82.2 123.4
160 46.0 36.2 54.4



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





#42

2,4,6-Tribromophenol

Concen: 137.824 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF112657.D

Acq: 21 Feb 2019 17:18

Instrument :

BNA_F

ClientSampleId :

DRUM-1-2

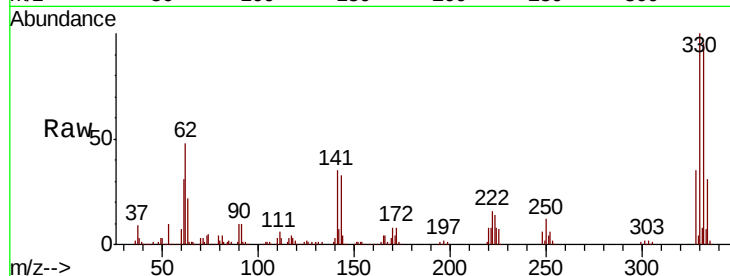
Tgt Ion:330 Resp: 292063

Ion Ratio Lower Upper

330 100

332 95.3 76.6 114.8

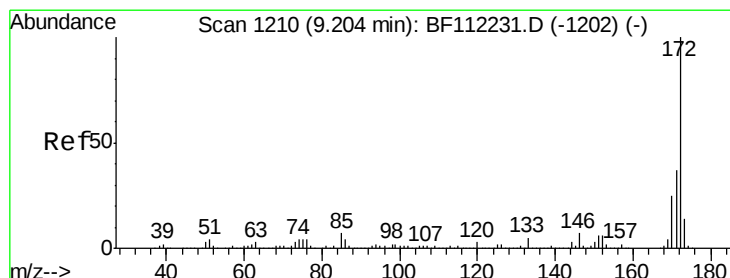
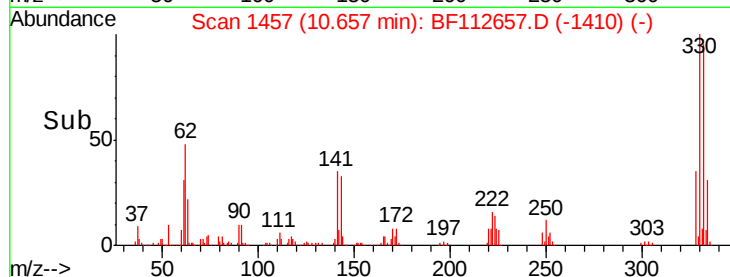
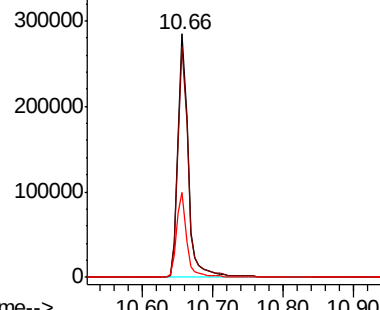
141 34.1 24.3 36.5



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



#45

2-Fluorobiphenyl

Concen: 96.014 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.02 min

Lab File: BF112657.D

Acq: 21 Feb 2019 17:18

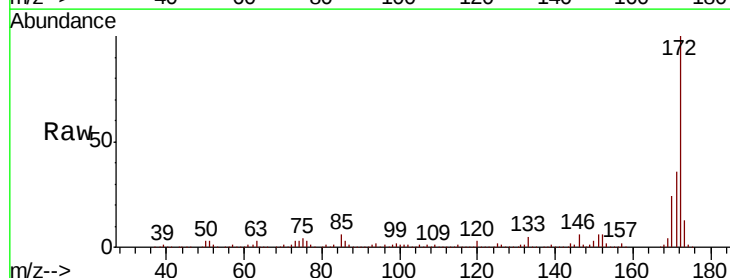
Tgt Ion:172 Resp: 1235928

Ion Ratio Lower Upper

172 100

171 36.1 30.5 45.7

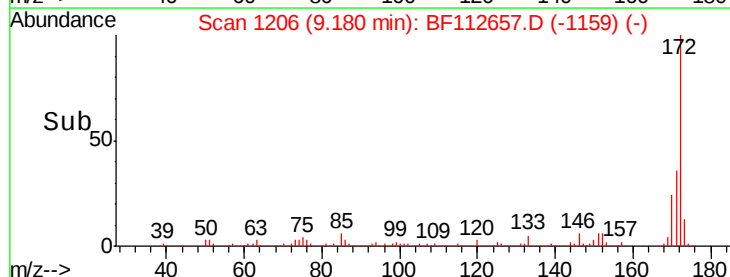
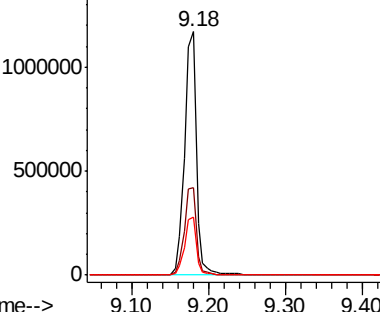
170 24.0 20.2 30.4

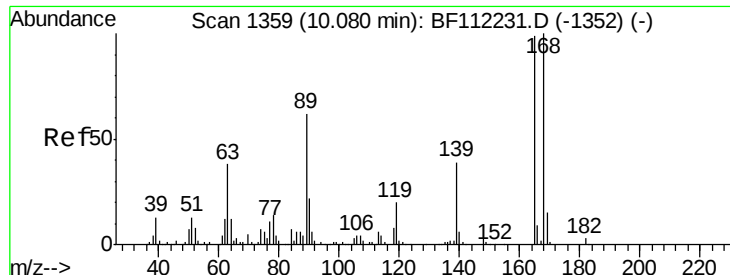


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#57

2,4-Dinitrotoluene

Concen: 5.701 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.22 min

Lab File: BF112657.D

Acq: 21 Feb 2019 17:18

Instrument :

BNA_F

ClientSampleId :

DRUM-1-2

Tgt Ion:165 Resp: 22991

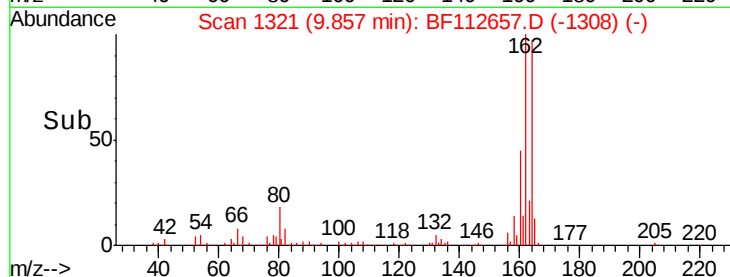
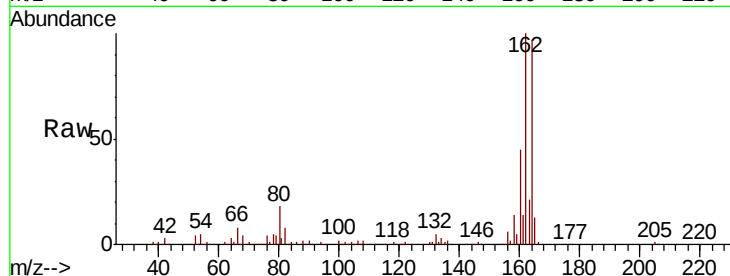
Ion Ratio Lower Upper

165 100

63 1.7 27.9 41.9#

89 1.8 47.9 71.9#

182 0.0 2.2 3.4#

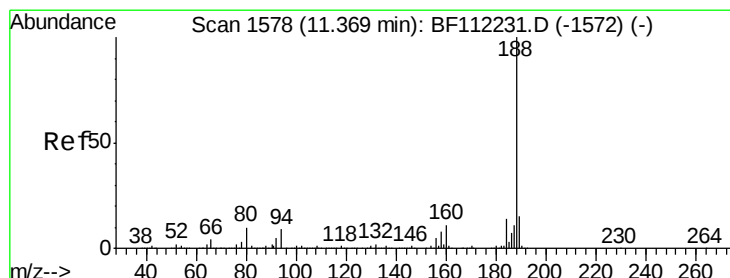
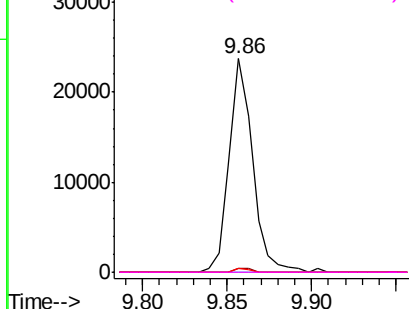


Abundance Ion 165.00 (164.70 to 165.70): E

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF112657.D

Acq: 21 Feb 2019 17:18

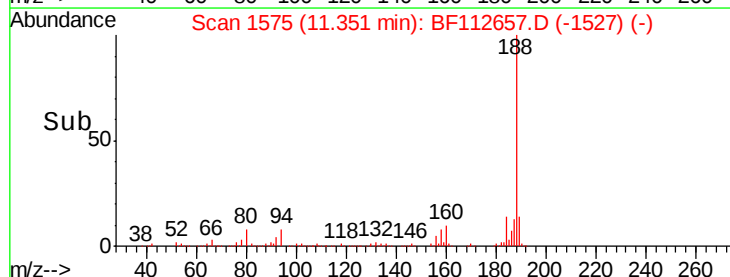
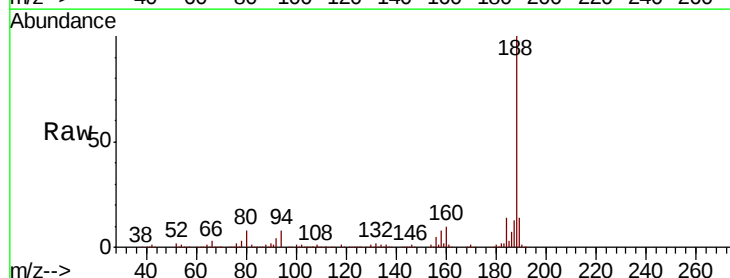
Tgt Ion:188 Resp: 325508

Ion Ratio Lower Upper

188 100

94 7.7 8.2 12.2#

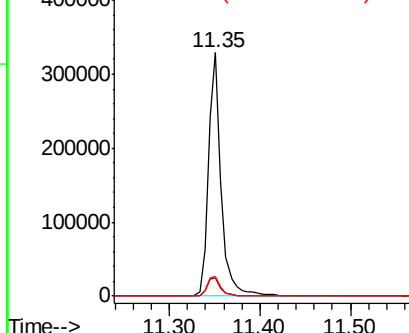
80 8.1 8.9 13.3#

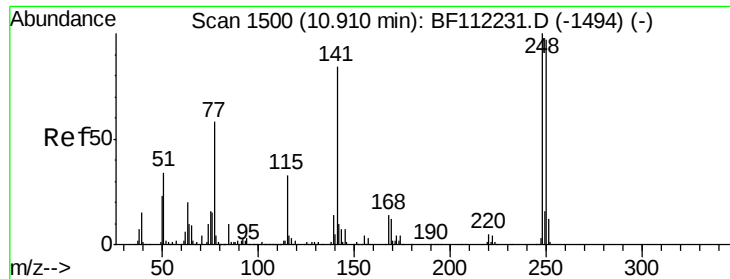


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

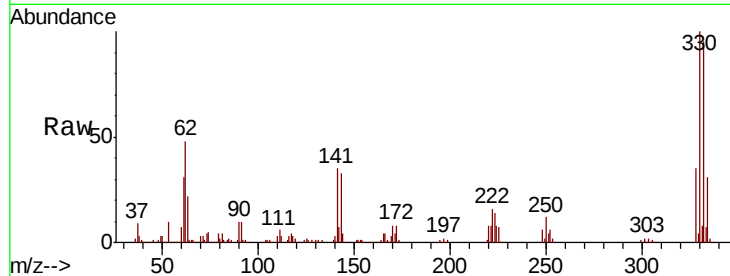




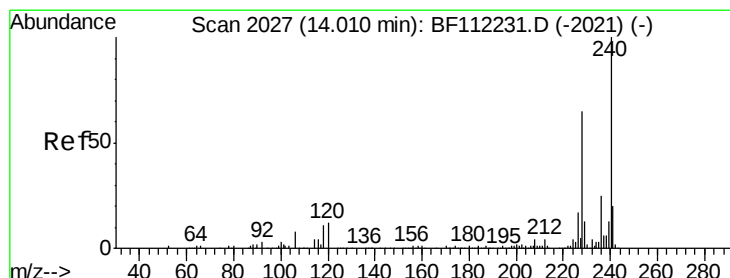
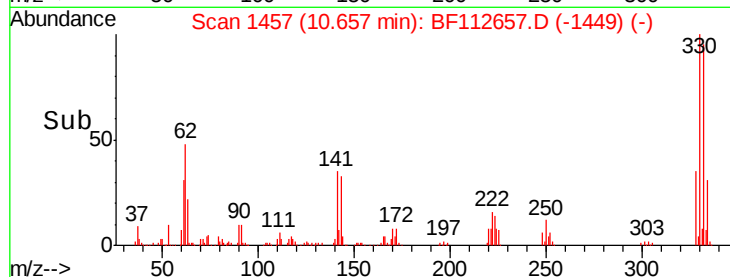
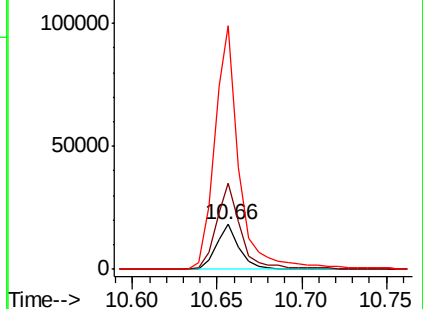
#67
 4-Bromophenyl-phenylether
 Concen: 4.628 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.25 min
 Lab File: BF112657.D
 Acq: 21 Feb 2019 17:18

Instrument :
 BNA_F
 ClientSampled :
 DRUM-1-2

Tgt Ion:248 Resp: 17717
 Ion Ratio Lower Upper
 248 100
 250 190.5 79.7 119.5#
 141 540.9 60.3 90.5#

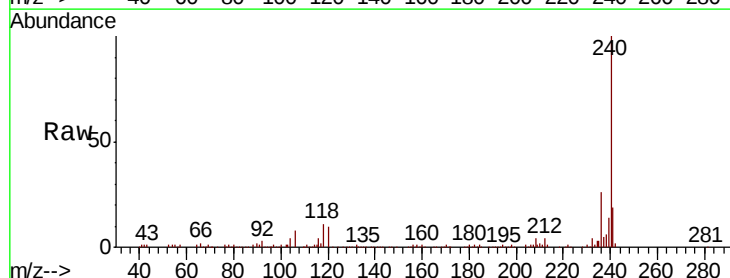


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

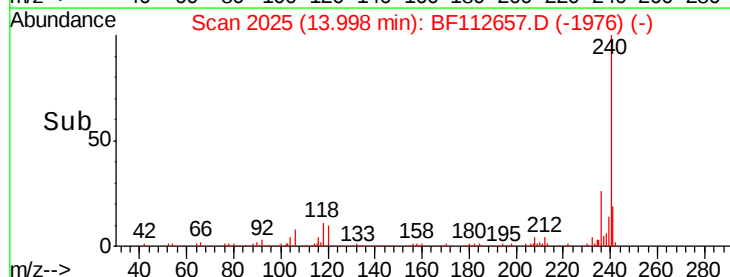
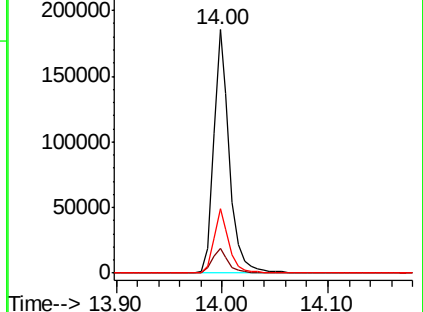


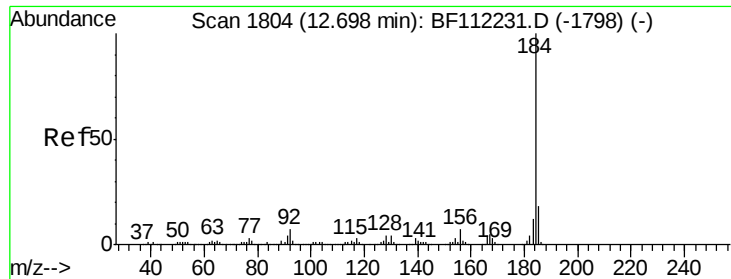
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF112657.D
 Acq: 21 Feb 2019 17:18

Tgt Ion:240 Resp: 193505
 Ion Ratio Lower Upper
 240 100
 120 10.1 9.0 13.6
 236 26.3 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





#77

Benzidine

Concen: 2.940 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.23 min

Lab File: BF112657.D

Acq: 21 Feb 2019 17:18

Instrument :

BNA_F

ClientSampleId :

DRUM-1-2

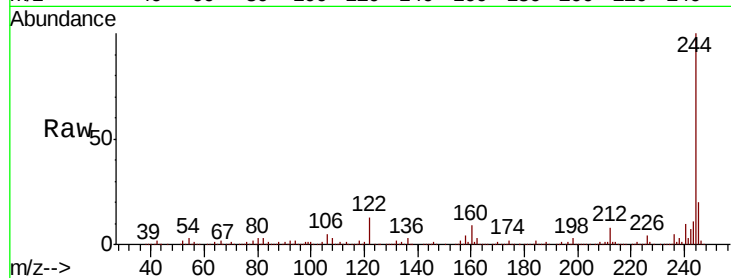
Tgt Ion:184 Resp: 15656

Ion Ratio Lower Upper

184 100

185 21.8 13.9 20.9#

183 7.2 10.0 15.0#

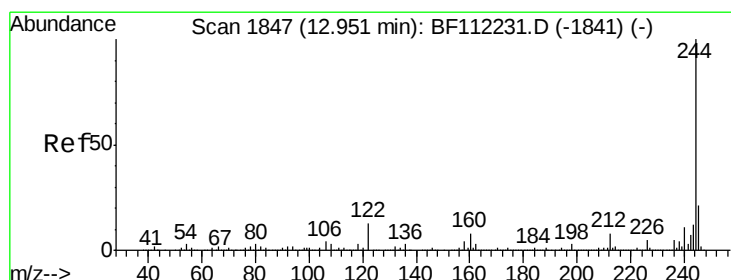
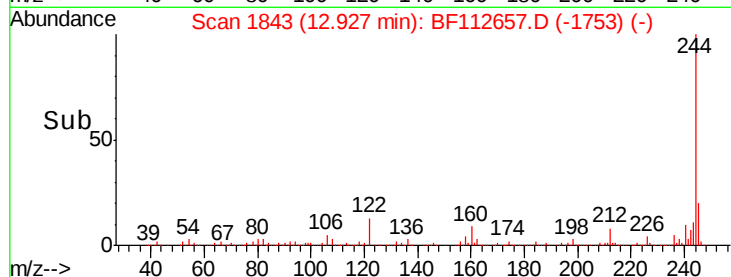
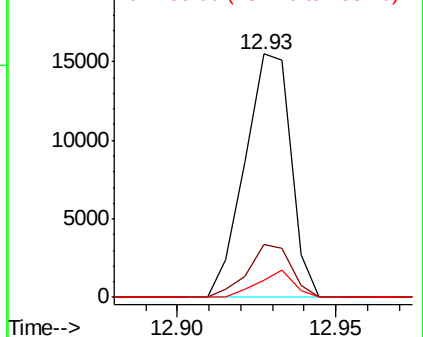


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 103.864 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF112657.D

Acq: 21 Feb 2019 17:18

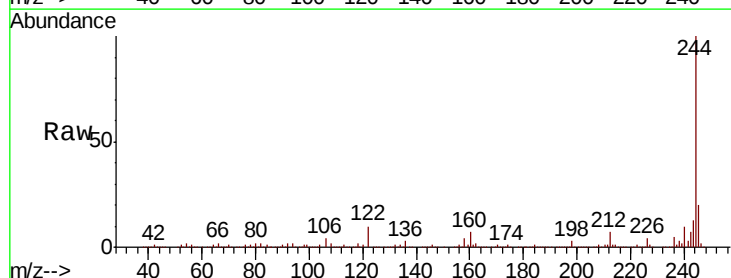
Tgt Ion:244 Resp: 1067099

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 10.2 9.8 14.6

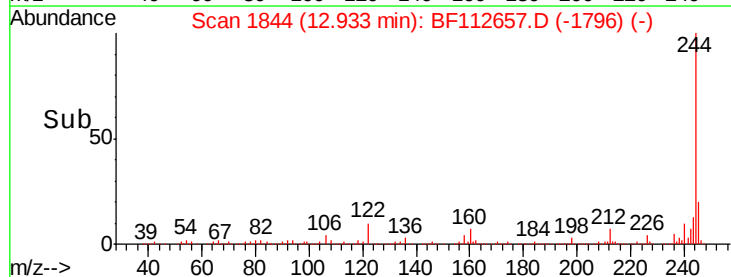
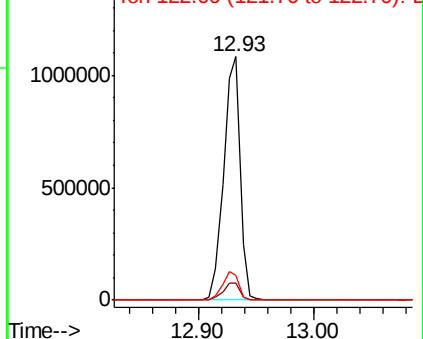


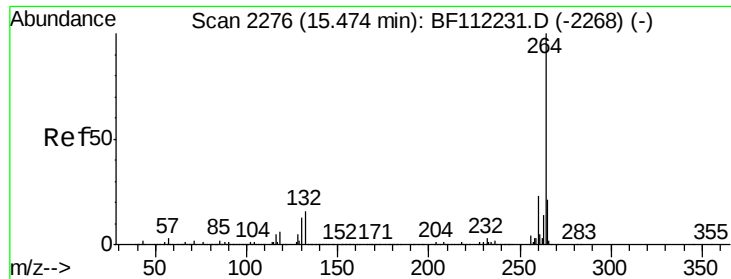
Abundance

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





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF112657.D
Acq: 21 Feb 2019 17:18

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.2
265	20.6	17.0	25.4

