

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
 Data File : BF091199.D
 Acq On : 16 Nov 2016 20:22
 Operator : UM/SJ
 Sample : H5636-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C19023041

Quant Time: Nov 16 23:54:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

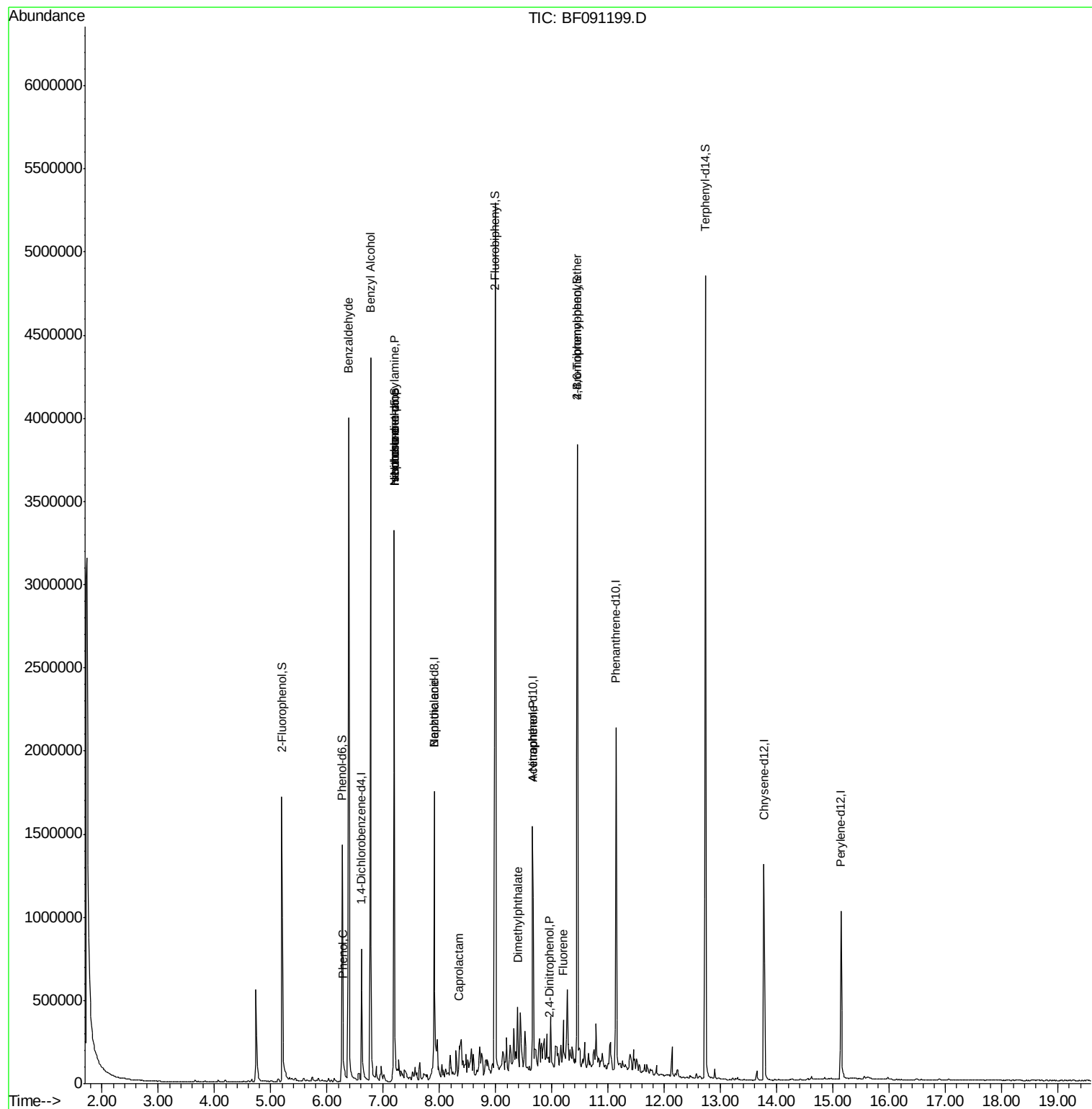
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	173520	20.00	ng	-0.05
21) Naphthalene-d8	7.90	136	747734	20.00	ng	-0.05
38) Acenaphthene-d10	9.65	164	395863	20.00	ng	-0.05
63) Phenanthrene-d10	11.14	188	704901	20.00	ng	-0.03
75) Chrysene-d12	13.77	240	539276	20.00	ng	-0.05
86) Perylene-d12	15.14	264	425305	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	678465	64.58	ng	-0.05
7) Phenol-d6	6.27	99	553960	38.85	ng	-0.05
23) Nitrobenzene-d5	7.20	82	1459580	106.48	ng	-0.05
41) 2,4,6-Tribromophenol	10.45	330	556707	155.55	ng	-0.03
44) 2-Fluorobiphenyl	8.99	172	1993380	86.69	ng	-0.05
78) Terphenyl-d14	12.73	244	2310832	106.93	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.38	77	28201	3.56	ng	85
10) Phenol	6.28	94	36873	2.34	ng	# 72
15) Benzyl Alcohol	6.77	79	23583	2.34	ng	# 49
18) Hexachloroethane	7.20	117	25771	4.90	ng	# 6
19) n-Nitroso-di-n-propylamine	7.20	70	201074	20.35	ng	# 76
25) Isophorone	7.20	82	1412036	53.46	ng	# 67
32) Benzoic acid	7.90	122	213	5.10	ng	# 1
35) Caprolactam	8.35	113	21191	7.29	ng	# 79
49) Dimethylphthalate	9.39	163	140831	5.43	ng	99
53) 2,4-Dinitrophenol	9.95	184	1478	6.71	ng	89
55) 4-Nitrophenol	9.65	139	2850	6.33	ng	90
57) Fluorene	10.20	166	49827	2.11	ng	# 93
66) 4-Bromophenyl-phenylether	10.45	248	38365	5.23	ng	# 1

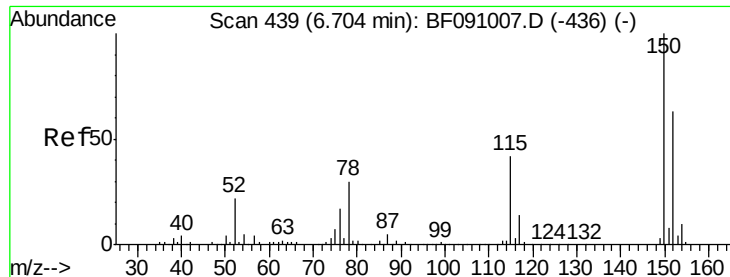
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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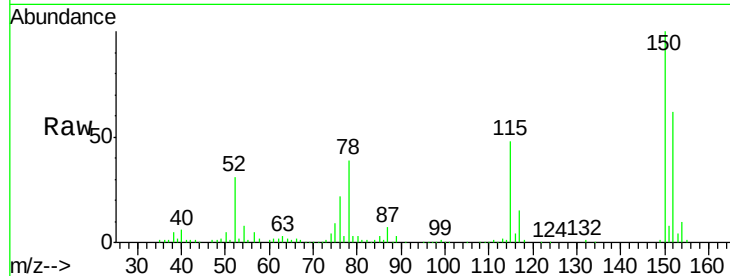




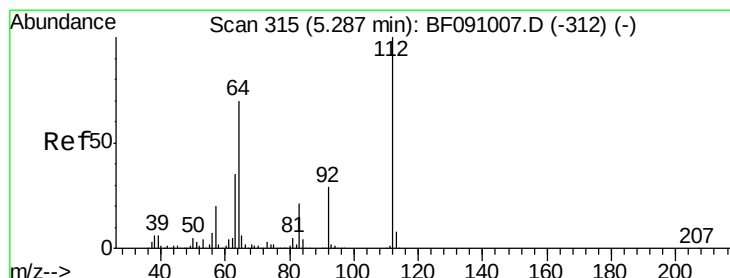
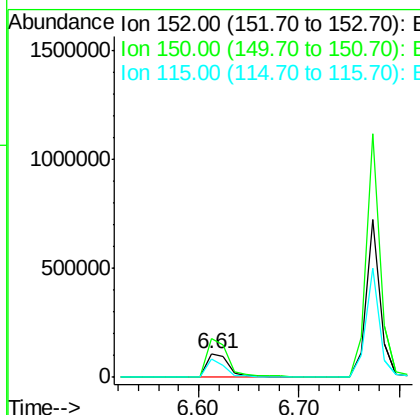
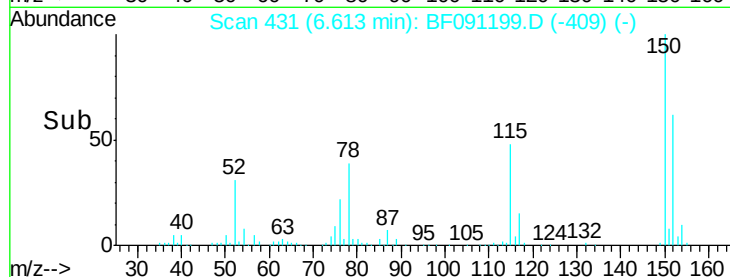
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.61 min Scan# 431
 Delta R.T. -0.05 min
 Lab File: BF091199.D
 Acq: 16 Nov 2016 20:22

Instrument :
 BNA_F
 ClientSampleId :
 C19023041

Tgt Ion:152 Resp: 173520
 Ion Ratio Lower Upper
 152 100
 150 160.6 126.8 190.2
 115 76.8 53.3 79.9

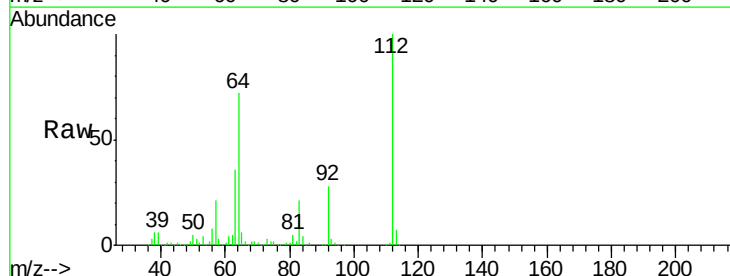


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

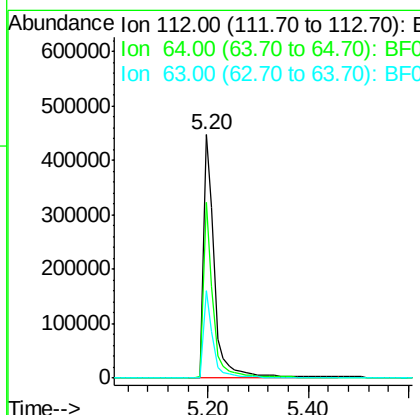
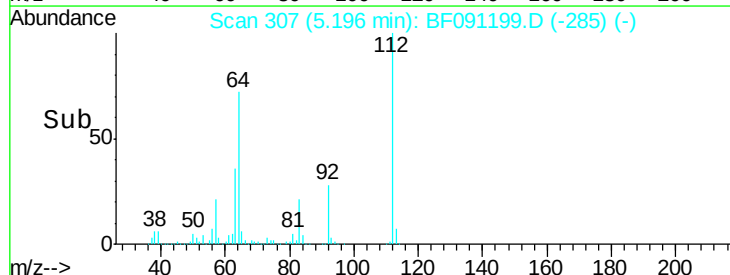


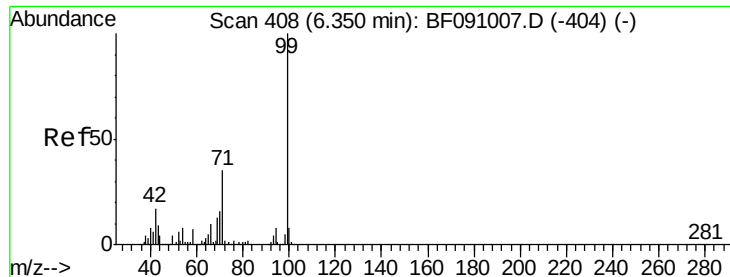
#5
 2-Fluorophenol
 Concen: 64.58 ng
 RT: 5.20 min Scan# 307
 Delta R.T. -0.05 min
 Lab File: BF091199.D
 Acq: 16 Nov 2016 20:22

Tgt Ion:112 Resp: 678465
 Ion Ratio Lower Upper
 112 100
 64 72.0 55.8 83.6
 63 35.9 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.85 ng

RT: 6.27 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF091199.D

Acq: 16 Nov 2016 20:22

Instrument :

BNA_F

ClientSampleId :

C19023041

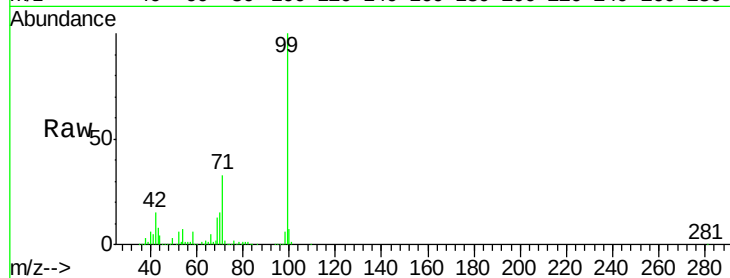
Tgt Ion: 99 Resp: 553960

Ion Ratio Lower Upper

99 100

42 15.5 13.9 20.9

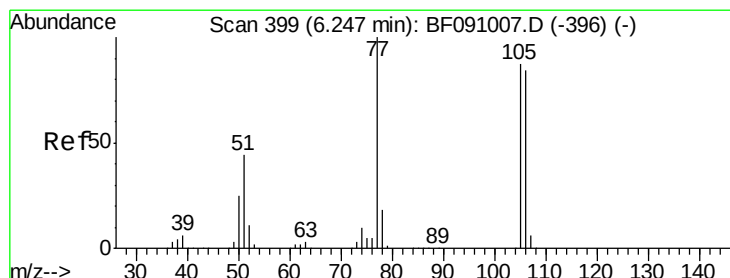
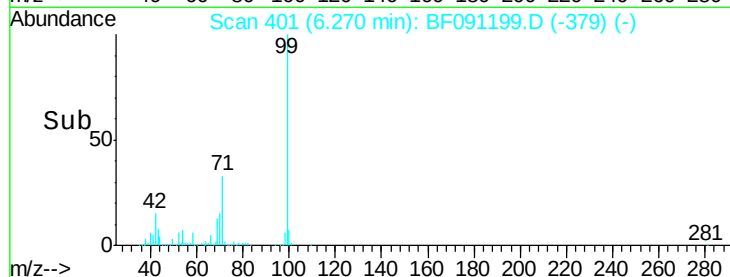
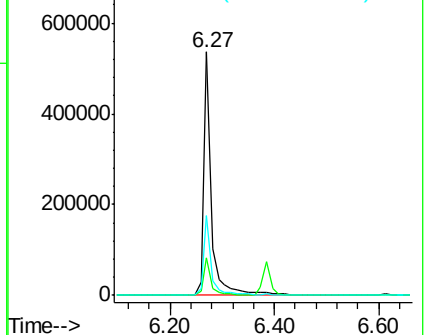
71 32.7 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 3.56 ng

RT: 6.38 min Scan# 411

Delta R.T. 0.18 min

Lab File: BF091199.D

Acq: 16 Nov 2016 20:22

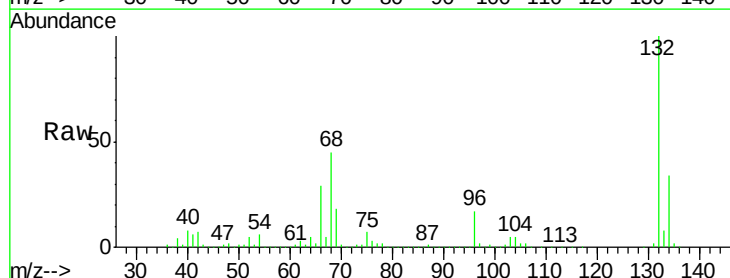
Tgt Ion: 77 Resp: 28201

Ion Ratio Lower Upper

77 100

105 76.0 66.8 106.8

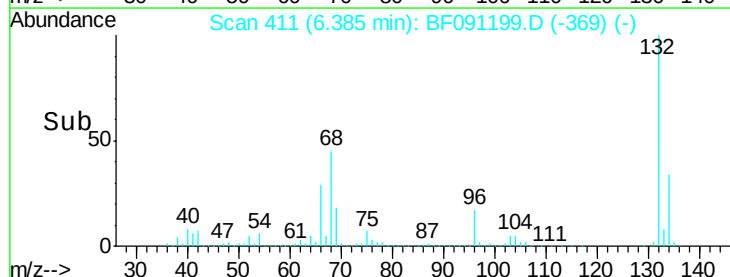
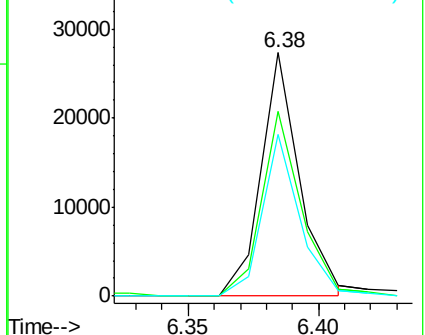
106 66.7 64.0 104.0

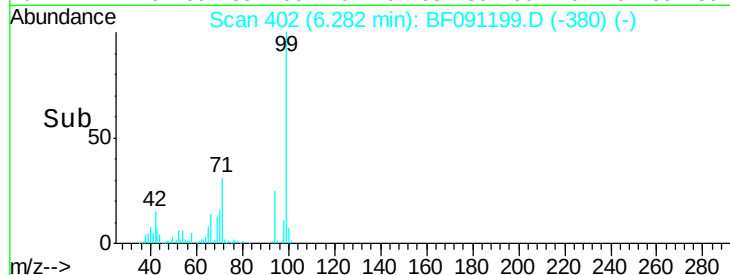
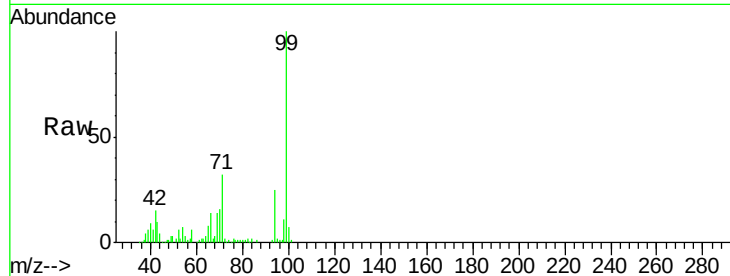
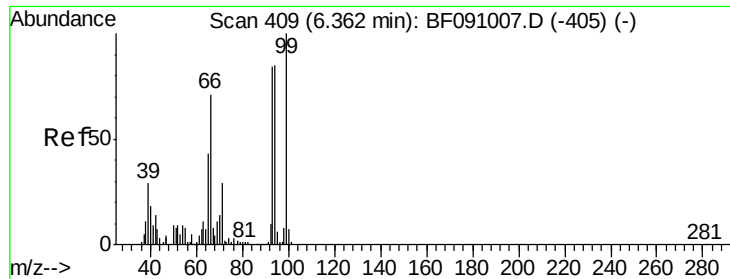


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.34 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.05 min

Lab File: BF091199.D

Acq: 16 Nov 2016 20:22

Instrument :

BNA_F

ClientSampleId :

C19023041

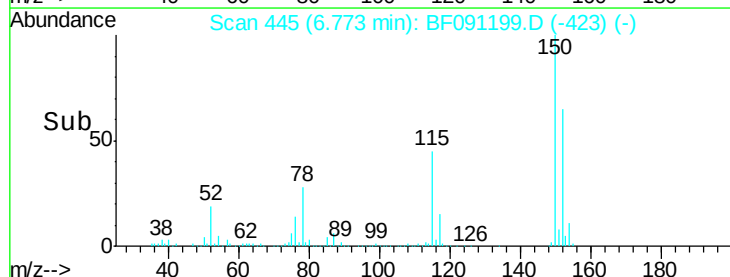
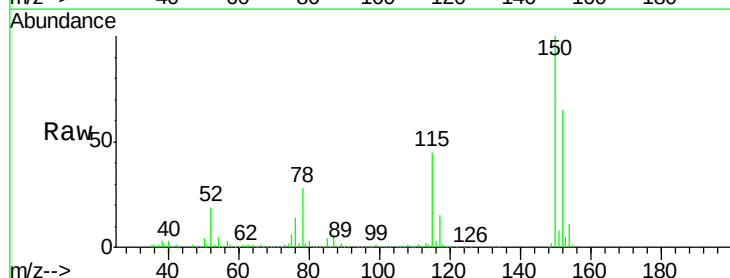
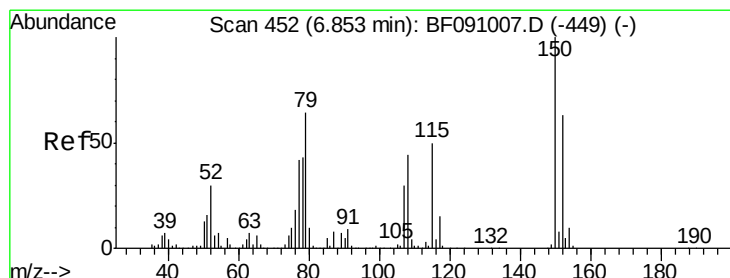
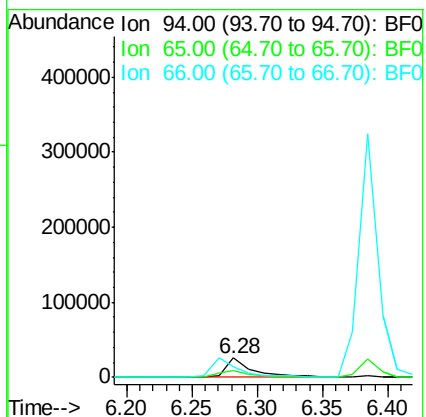
Tgt Ion: 94 Resp: 36873

Ion Ratio Lower Upper

94 100

65 33.0 30.4 70.4

66 56.5 62.9 102.9#



#15

Benzyl Alcohol

Concen: 2.34 ng

RT: 6.77 min Scan# 445

Delta R.T. -0.05 min

Lab File: BF091199.D

Acq: 16 Nov 2016 20:22

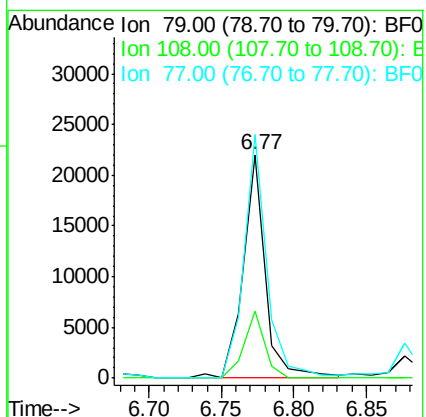
Tgt Ion: 79 Resp: 23583

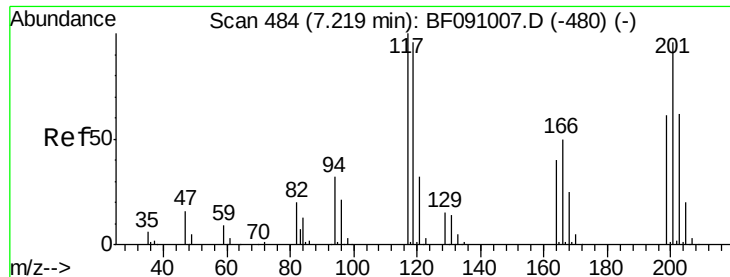
Ion Ratio Lower Upper

79 100

108 30.0 55.7 83.5#

77 109.0 52.6 79.0#

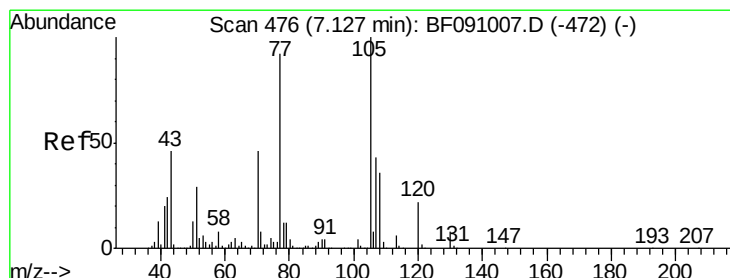
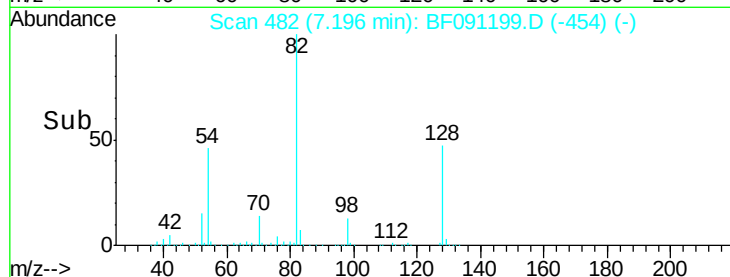
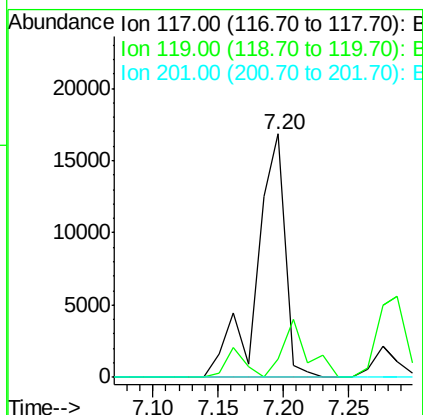
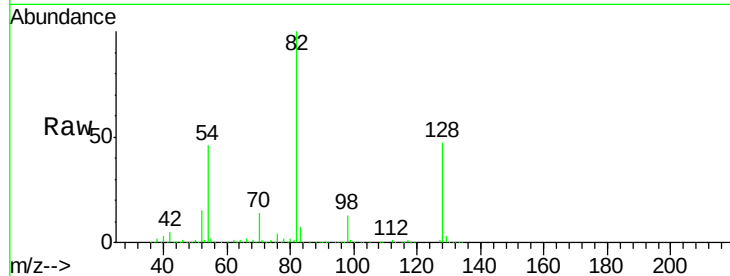




#18
Hexachloroethane
Concen: 4.90 ng
RT: 7.20 min Scan# 482
Delta R.T. 0.02 min
Lab File: BF091199.D
Acq: 16 Nov 2016 20:22

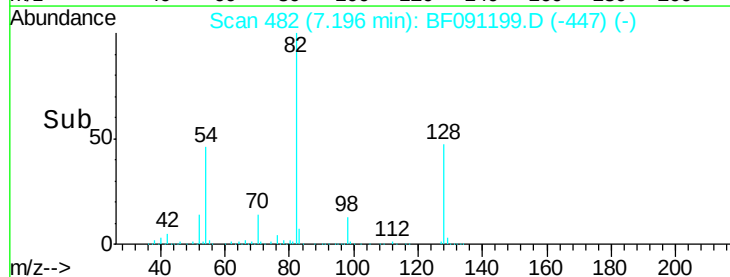
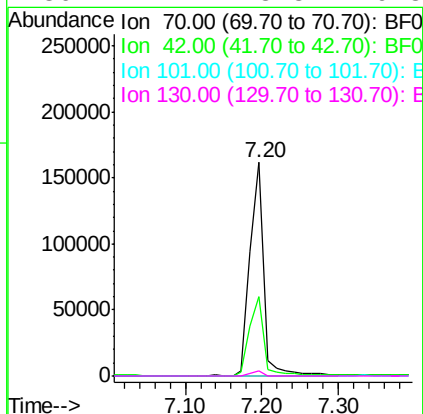
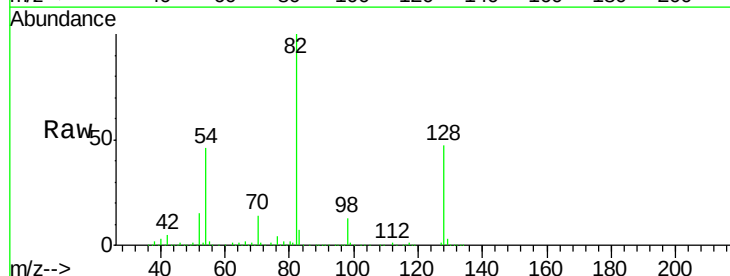
Instrument :
BNA_F
ClientSampleId :
C19023041

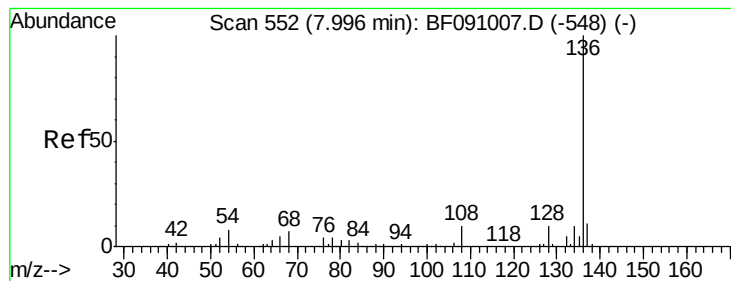
Tgt Ion: 117 Resp: 25771
Ion Ratio Lower Upper
117 100
119 7.8 76.6 115.0#
201 0.0 77.1 115.7#



#19
n-Nitroso-di-n-propylamine
Concen: 20.35 ng
RT: 7.20 min Scan# 482
Delta R.T. 0.10 min
Lab File: BF091199.D
Acq: 16 Nov 2016 20:22

Tgt Ion: 70 Resp: 201074
Ion Ratio Lower Upper
70 100
42 37.4 41.7 62.5#
101 0.0 6.7 10.1#
130 2.4 13.8 20.8#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 544

Delta R.T. -0.05 min

Lab File: BF091199.D

Acq: 16 Nov 2016 20:22

Instrument :

BNA_F

ClientSampleId :

C19023041

Tgt Ion:136 Resp: 747734

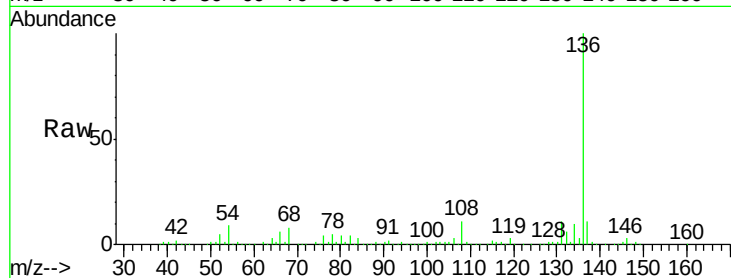
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.3 6.2 9.2#

68 7.9 5.5 8.3

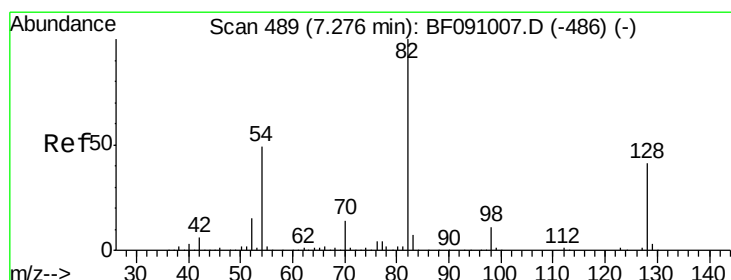
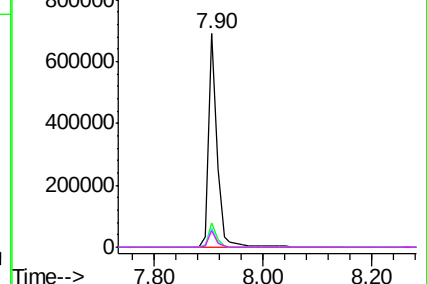
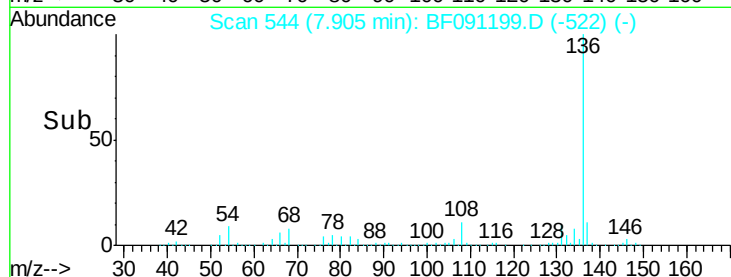


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 106.48 ng

RT: 7.20 min Scan# 482

Delta R.T. -0.05 min

Lab File: BF091199.D

Acq: 16 Nov 2016 20:22

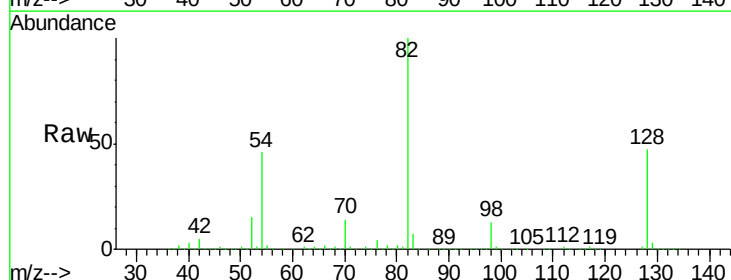
Tgt Ion: 82 Resp: 1459580

Ion Ratio Lower Upper

82 100

128 46.8 32.4 48.6

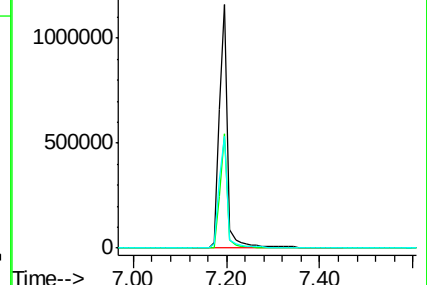
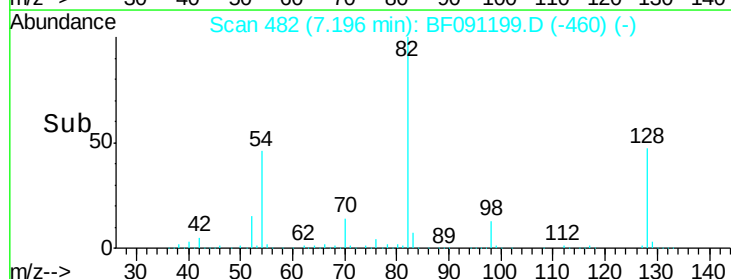
54 45.9 39.2 58.8

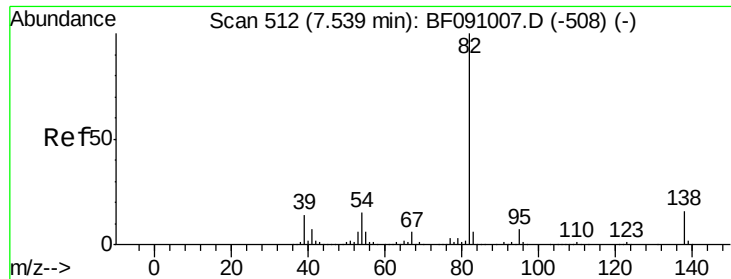


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 53.46 ng

RT: 7.20 min Scan# 482

Delta R.T. -0.30 min

Lab File: BF091199.D

Acq: 16 Nov 2016 20:22

Instrument :

BNA_F

ClientSampleId :

C19023041

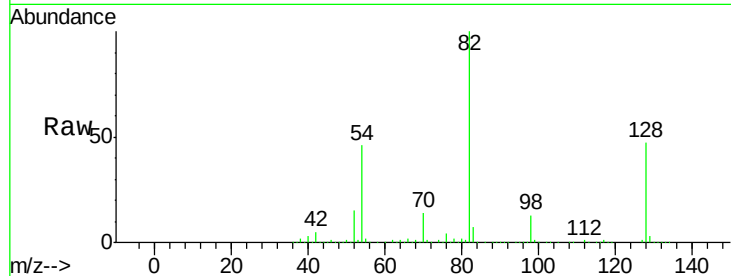
Tgt Ion: 82 Resp: 1412036

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

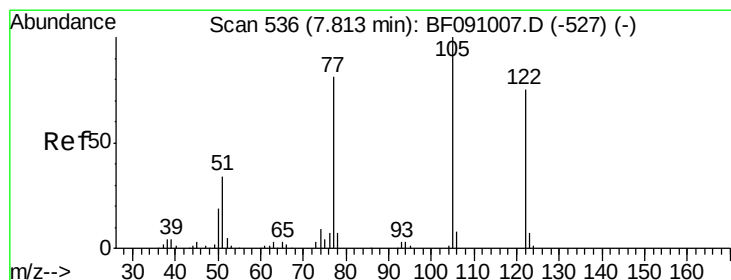
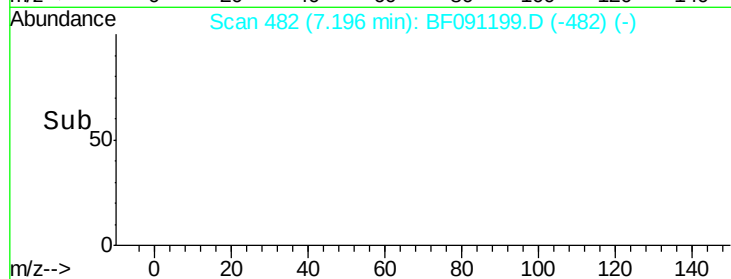
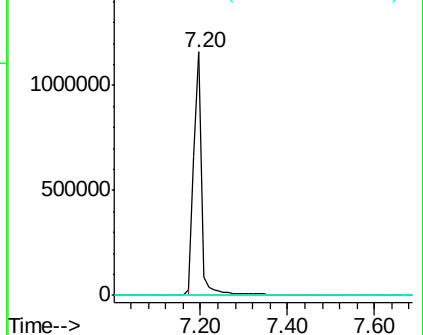
138 0.0 13.0 19.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#32

Benzoic acid

Concen: 5.10 ng

RT: 7.90 min Scan# 544

Delta R.T. 0.13 min

Lab File: BF091199.D

Acq: 16 Nov 2016 20:22

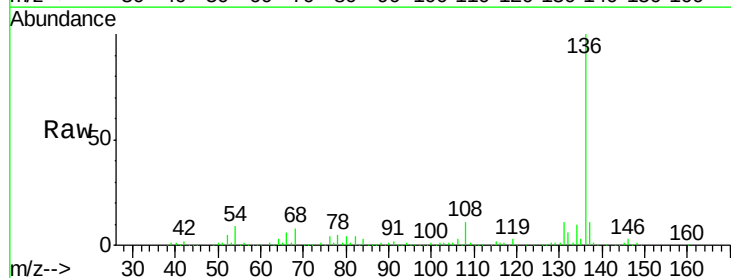
Tgt Ion: 122 Resp: 213

Ion Ratio Lower Upper

122 100

105 1919.6 105.9 145.9#

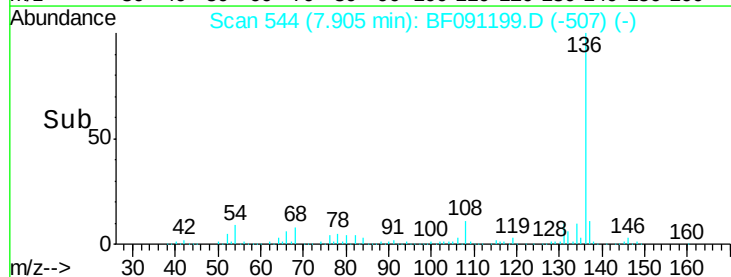
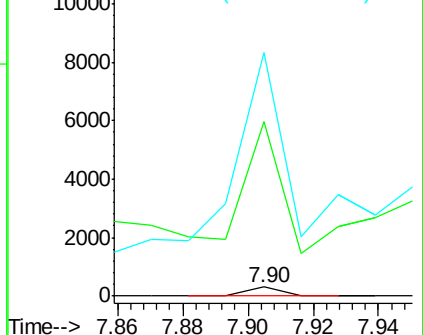
77 2677.2 84.0 124.0#

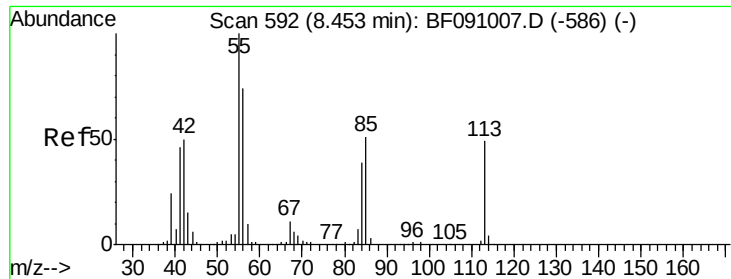


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

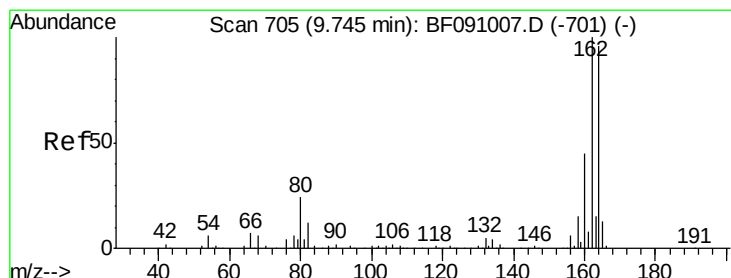
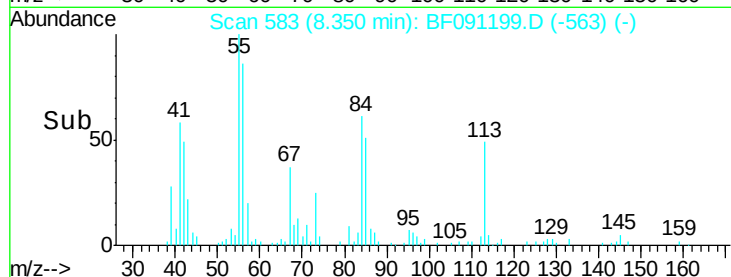
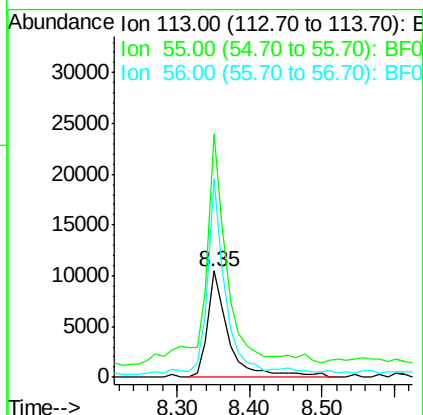
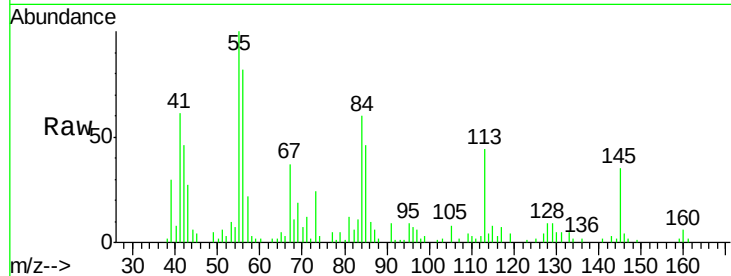




#35
 Caprolactam
 Concen: 7.29 ng
 RT: 8.35 min Scan# 583
 Delta R.T. -0.07 min
 Lab File: BF091199.D
 Acq: 16 Nov 2016 20:22

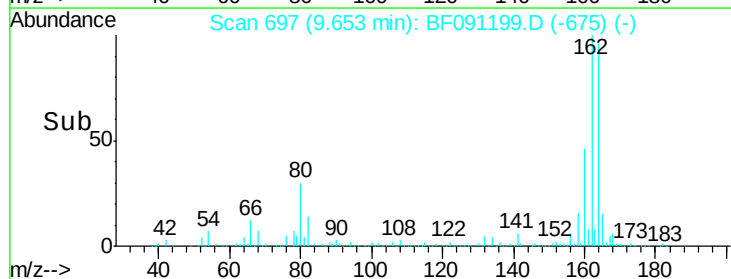
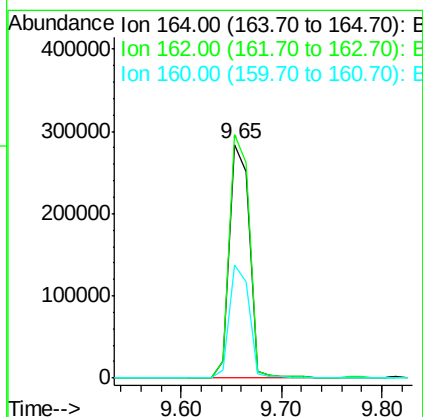
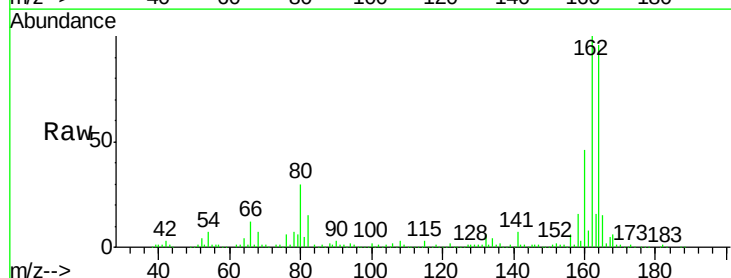
Instrument :
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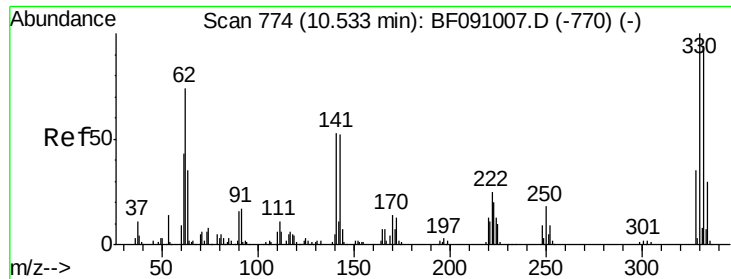
Tgt Ion:113 Resp: 21191
 Ion Ratio Lower Upper
 113 100
 55 228.8 184.1 224.1#
 56 186.5 132.0 172.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.65 min Scan# 697
 Delta R.T. -0.05 min
 Lab File: BF091199.D
 Acq: 16 Nov 2016 20:22

Tgt Ion:164 Resp: 395863
 Ion Ratio Lower Upper
 164 100
 162 104.1 83.6 125.4
 160 48.3 37.9 56.9

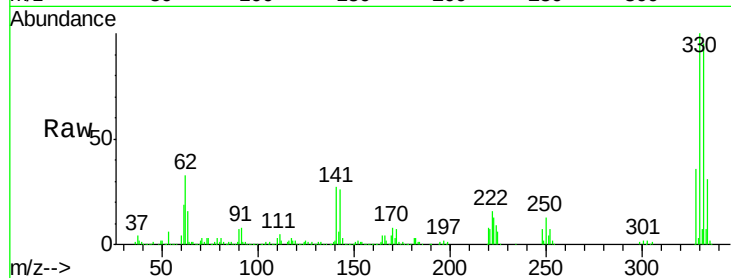




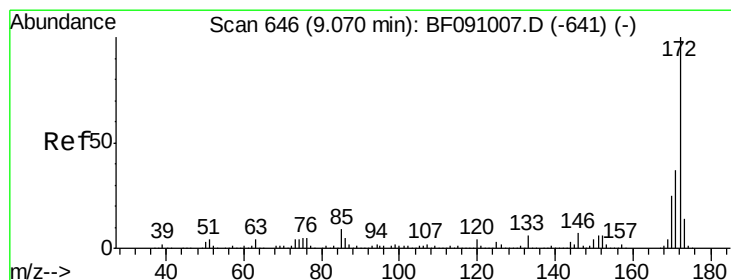
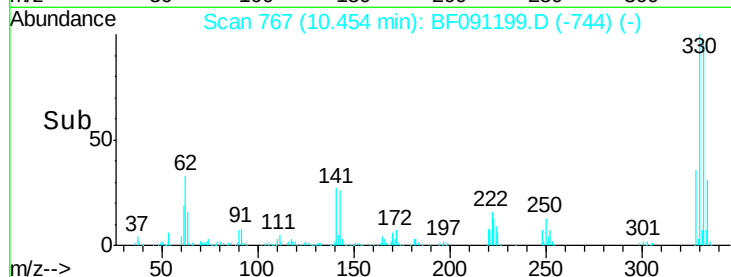
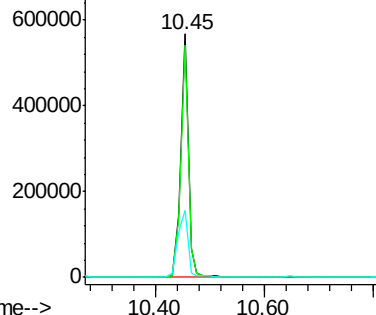
#41
 2,4,6-Tribromophenol
 Concen: 155.55 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.03 min
 Lab File: BF091199.D
 Acq: 16 Nov 2016 20:22

Instrument :
 BNA_F
 ClientSampleId :
 C19023041

Tgt Ion:330 Resp: 556707
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.9 113.9
 141 35.5 36.1 54.1#

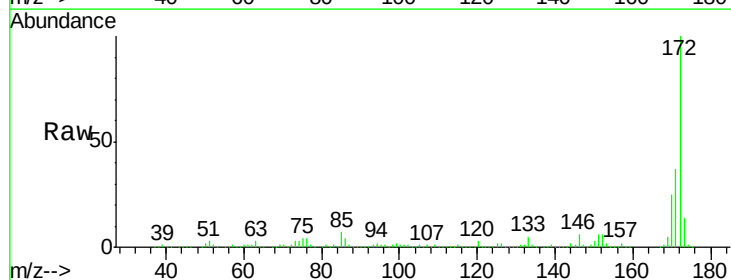


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

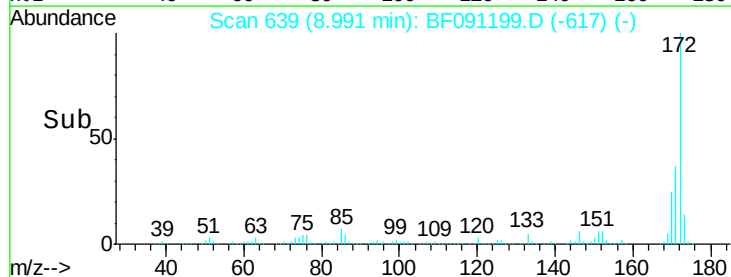
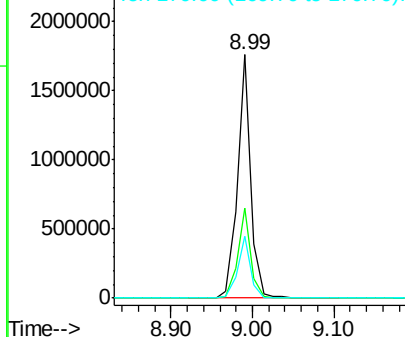


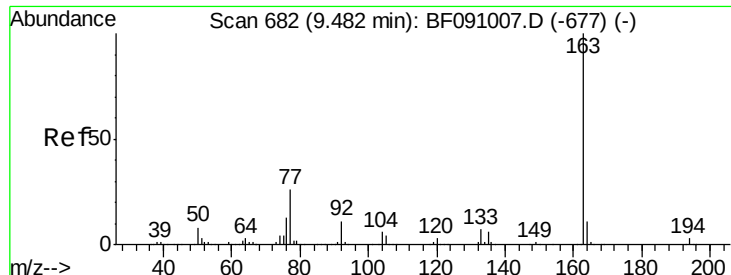
#44
 2-Fluorobiphenyl
 Concen: 86.69 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF091199.D
 Acq: 16 Nov 2016 20:22

Tgt Ion:172 Resp: 1993380
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.8 44.6
 170 25.5 20.3 30.5



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: 5.43 ng

RT: 9.39 min Scan# 674

Delta R.T. -0.05 min

Lab File: BF091199.D

Acq: 16 Nov 2016 20:22

Instrument :

BNA_F

ClientSampleId :

C19023041

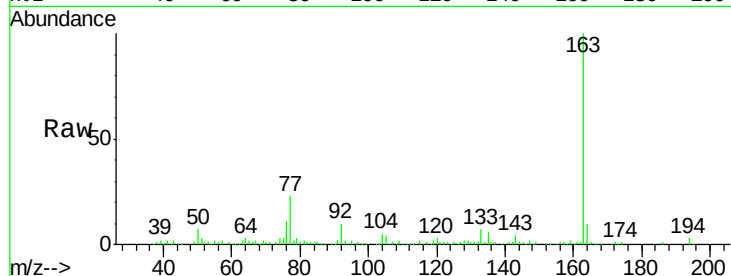
Tgt Ion:163 Resp: 140831

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

164 10.3 8.7 13.1



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

200000

150000

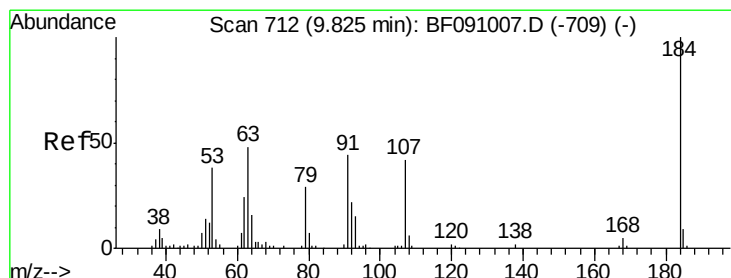
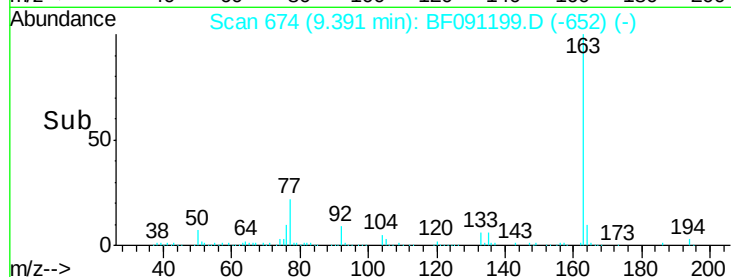
100000

50000

0

9.30 9.40 9.50

Time-->



#53

2,4-Dinitrophenol

Concen: 6.71 ng

RT: 9.95 min Scan# 723

Delta R.T. 0.17 min

Lab File: BF091199.D

Acq: 16 Nov 2016 20:22

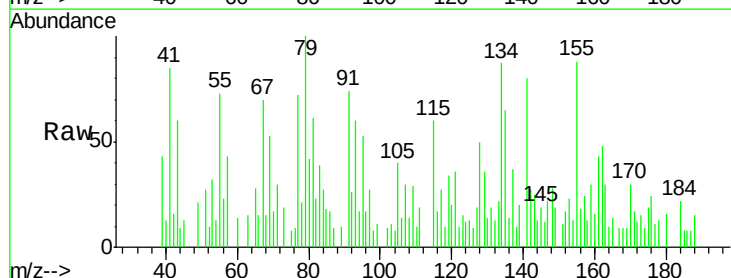
Tgt Ion:184 Resp: 1478

Ion Ratio Lower Upper

184 100

63 67.6 45.5 68.3

154 57.7 51.0 76.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

10000

8000

6000

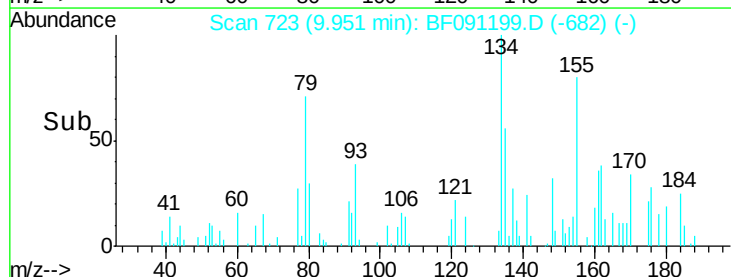
4000

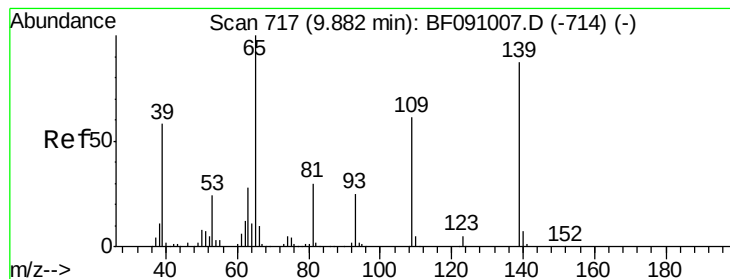
2000

0

9.90 9.95

Time-->





#55

4-Nitrophenol

Concen: 6.33 ng

RT: 9.65 min Scan# 697

Delta R.T. -0.19 min

Lab File: BF091199.D

Acq: 16 Nov 2016 20:22

Instrument :

BNA_F

ClientSampleId :

C19023041

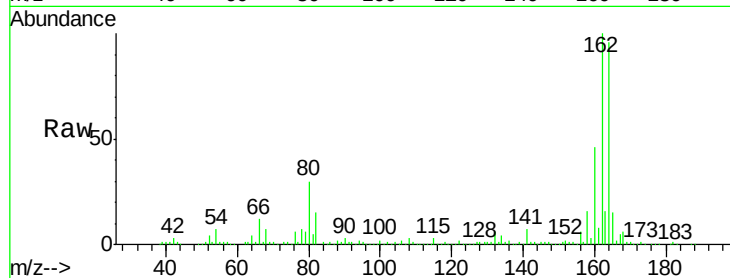
Tgt Ion:139 Resp: 2850

Ion Ratio Lower Upper

139 100

109 72.7 50.5 90.5

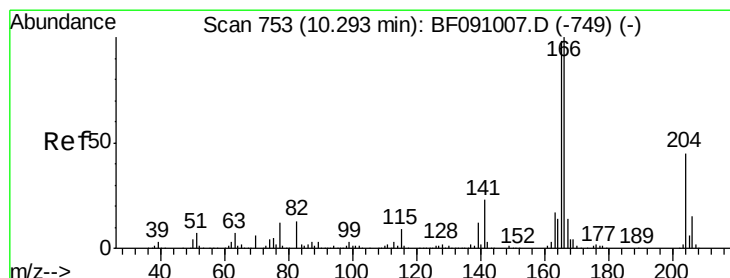
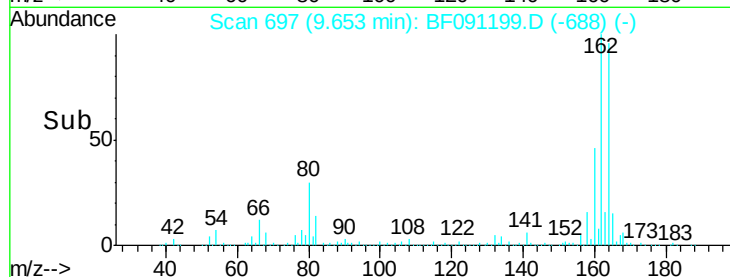
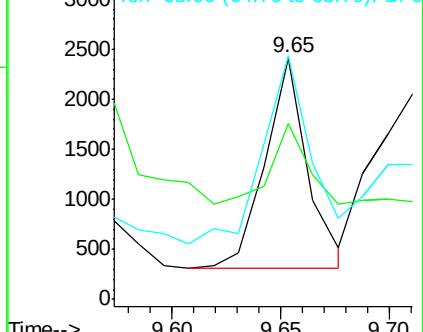
65 100.8 97.1 137.1



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#57

Fluorene

Concen: 2.11 ng

RT: 10.20 min Scan# 745

Delta R.T. -0.05 min

Lab File: BF091199.D

Acq: 16 Nov 2016 20:22

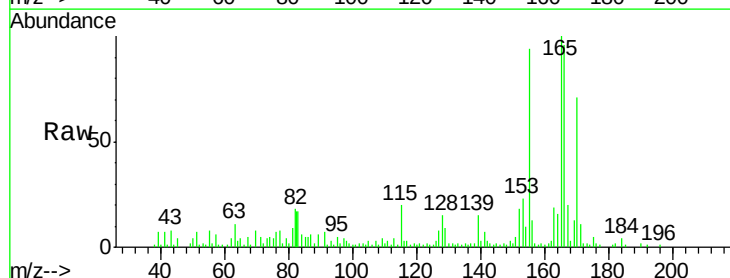
Tgt Ion:166 Resp: 49827

Ion Ratio Lower Upper

166 100

165 104.3 78.6 118.0

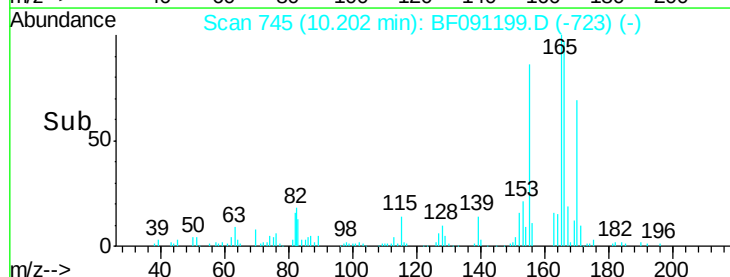
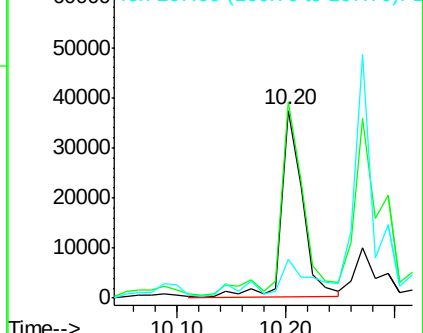
167 20.8 11.1 16.7#

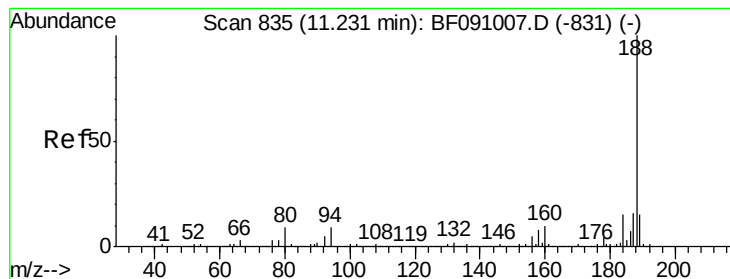


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 827

Delta R.T. -0.03 min

Lab File: BF091199.D

Acq: 16 Nov 2016 20:22

Instrument :

BNA_F

ClientSampleId :

C19023041

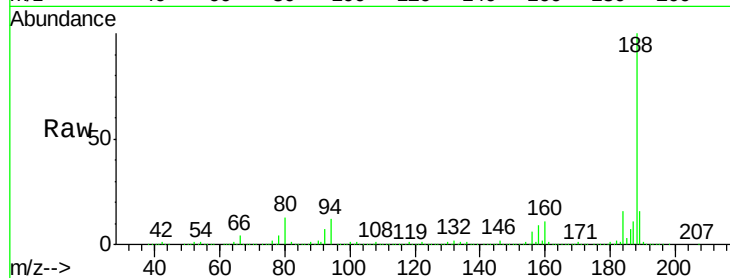
Tgt Ion:188 Resp: 704901

Ion Ratio Lower Upper

188 100

94 12.1 7.0 10.4#

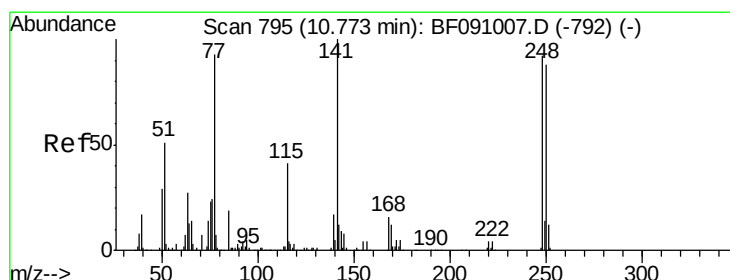
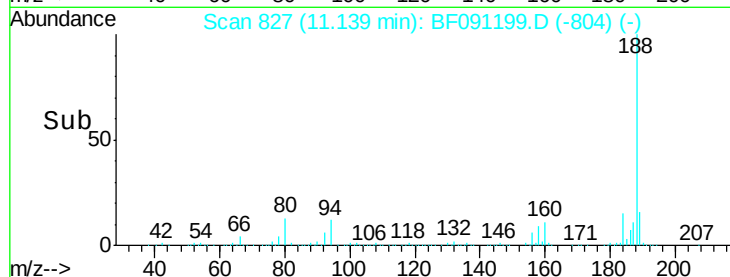
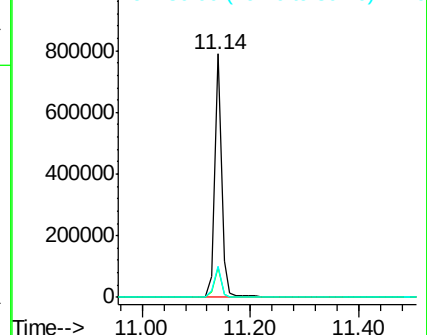
80 12.9 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#66

4-Bromophenyl-phenylether

Concen: 5.23 ng

RT: 10.45 min Scan# 767

Delta R.T. -0.27 min

Lab File: BF091199.D

Acq: 16 Nov 2016 20:22

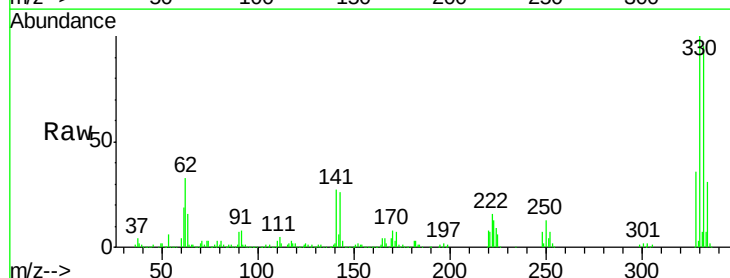
Tgt Ion:248 Resp: 38365

Ion Ratio Lower Upper

248 100

250 197.5 76.3 114.5#

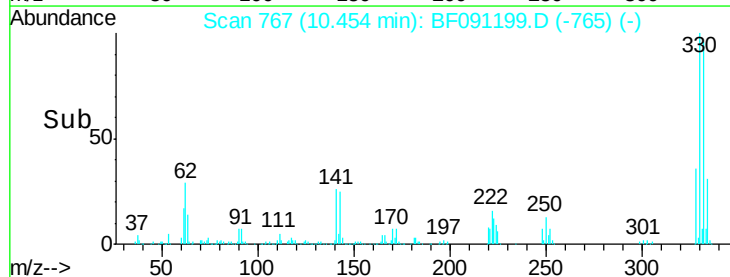
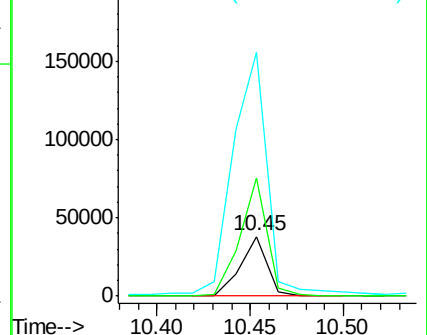
141 407.8 86.8 130.2#

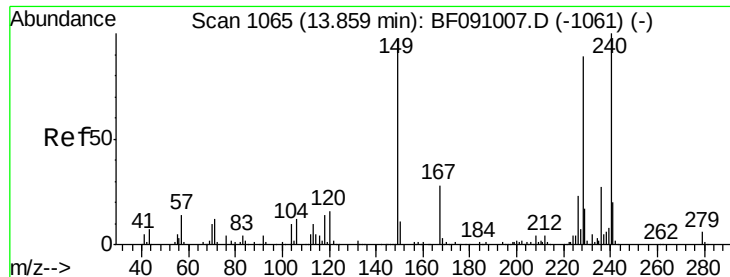


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1057

Delta R.T. -0.05 min

Lab File: BF091199.D

Acq: 16 Nov 2016 20:22

Instrument :

BNA_F

ClientSampled :

C19023041

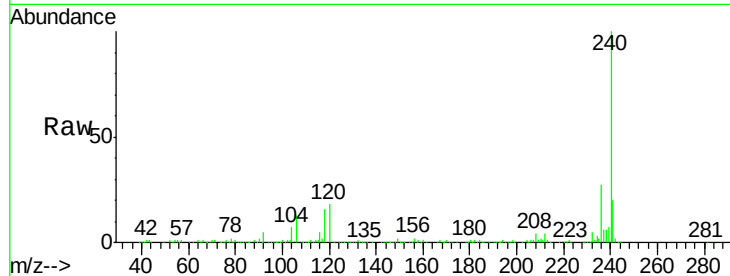
Tgt Ion:240 Resp: 539276

Ion Ratio Lower Upper

240 100

120 18.1 12.9 19.3

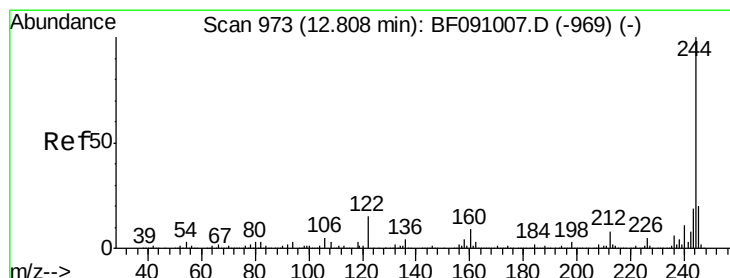
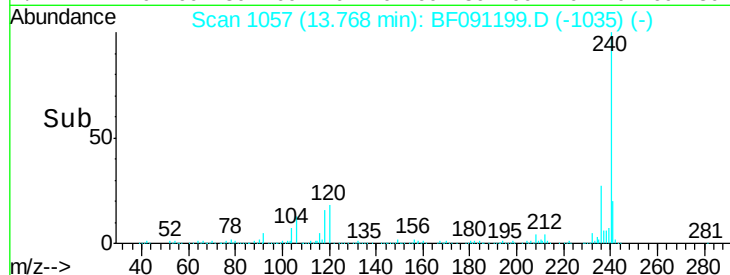
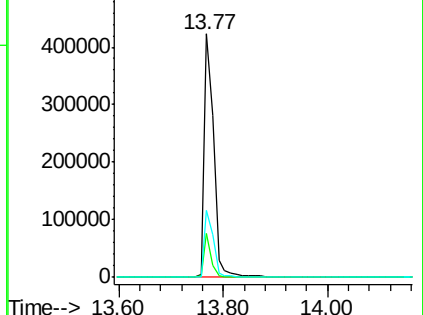
236 27.4 21.9 32.9



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: 106.93 ng

RT: 12.73 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF091199.D

Acq: 16 Nov 2016 20:22

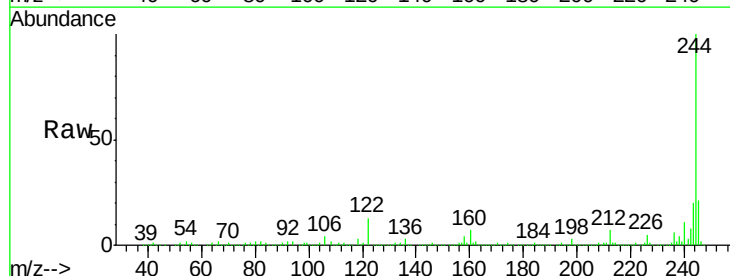
Tgt Ion:244 Resp: 2310832

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

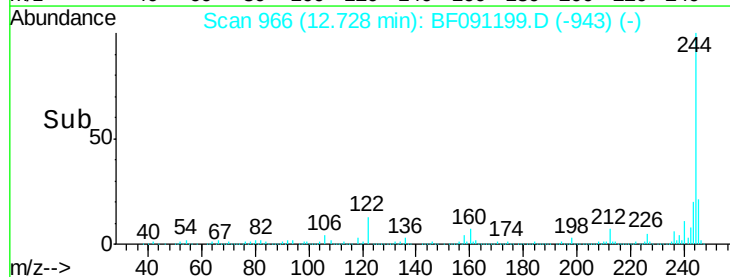
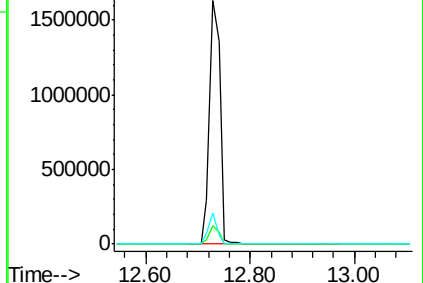
122 12.9 12.3 18.5

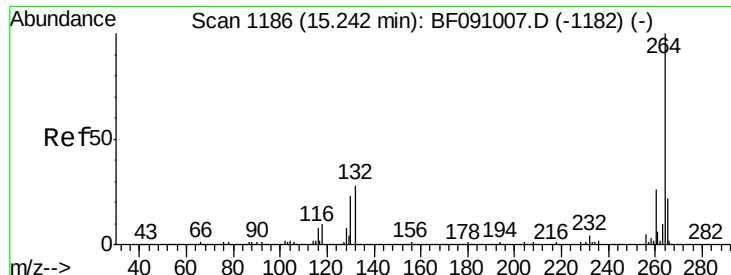


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 1177
Delta R.T. -0.05 min
Lab File: BF091199.D
Acq: 16 Nov 2016 20:22

Instrument :
BNA_F
ClientSampleId :
C19023041

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.6	30.8
265	21.8	17.8	26.8

