

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010417\
 Data File : BF092087.D
 Acq On : 5 Jan 2017 00:09
 Operator : UM/SJ
 Sample : I1004-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FLATBUSHFB-2-10317

Quant Time: Jan 05 02:12:08 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 05 00:16:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	229580	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	1041150	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	372186	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	615131	20.00	ng	-0.01
75) Chrysene-d12	13.80	240	493101	20.00	ng	-0.01
86) Perylene-d12	15.17	264	418478	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	973153	70.78	ng	0.00
7) Phenol-d6	6.32	99	809877	48.24	ng	-0.01
23) Nitrobenzene-d5	7.24	82	1902012	101.58	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	480671	156.06	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	2288194	133.30	ng	0.00
78) Terphenyl-d14	12.77	244	2122771	104.41	ng	0.00

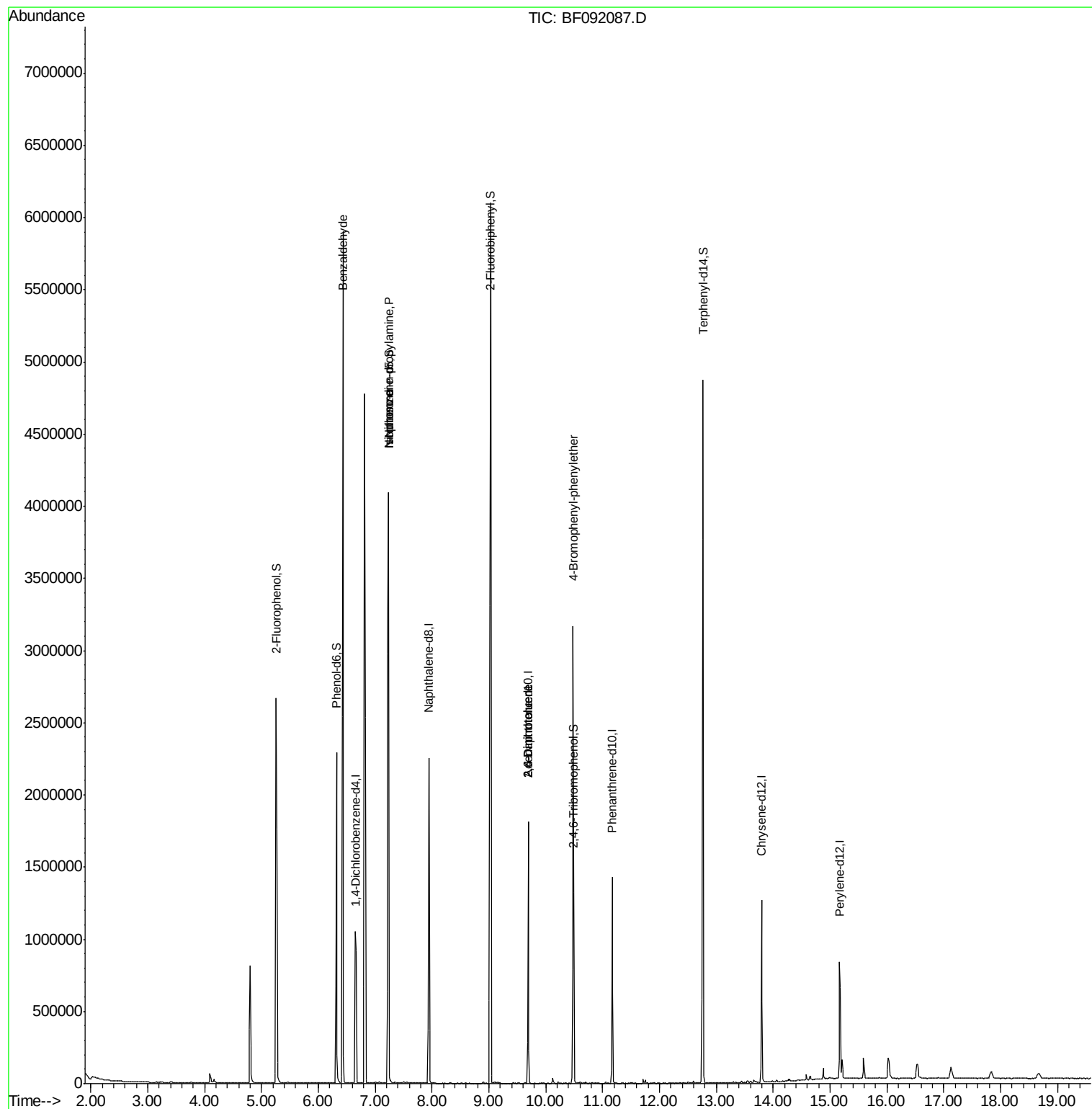
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.44	77	40968	3.04	ng	# 72
19) n-Nitroso-di-n-propylamine	7.24	70	251441	22.51	ng	# 71
25) Isophorone	7.24	82	1740594	50.39	ng	# 65
50) 2,6-Dinitrotoluene	9.69	165	48806	9.37	ng	# 31
56) 2,4-Dinitrotoluene	9.69	165	48806	7.46	ng	# 20
66) 4-Bromophenyl-phenylether	10.48	248	28919	4.52	ng	# 1
71) Anthracene	11.19	178	604	Below Cal		# 59
73) Di-n-butylphthalate	11.75	149	13791	Below Cal		96
74) Fluoranthene	12.38	202	391	Below Cal		61

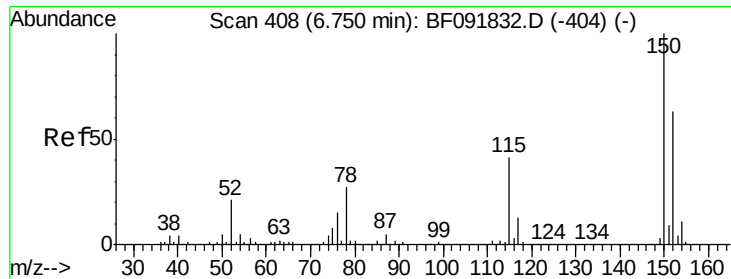
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF092087.D

Acq: 5 Jan 2017 00:09

Instrument :

BNA_F

ClientSampleId :

FLATBUSHFB-2-10317

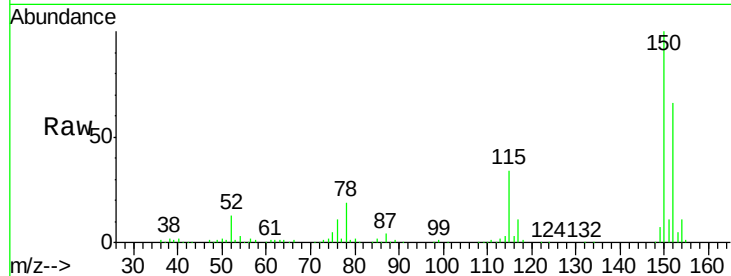
Tgt Ion:152 Resp: 229580

Ion Ratio Lower Upper

152 100

150 152.3 124.9 187.3

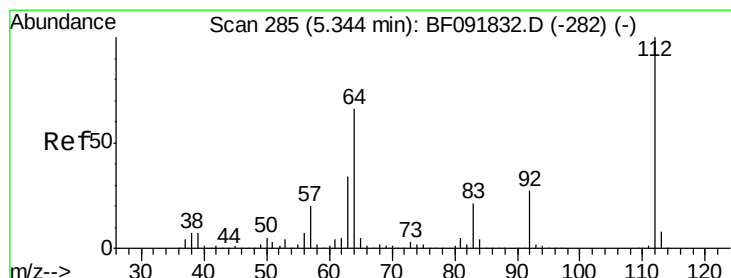
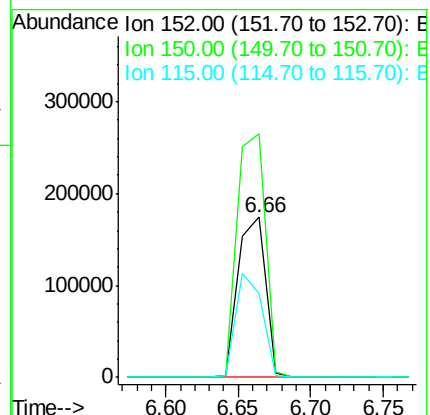
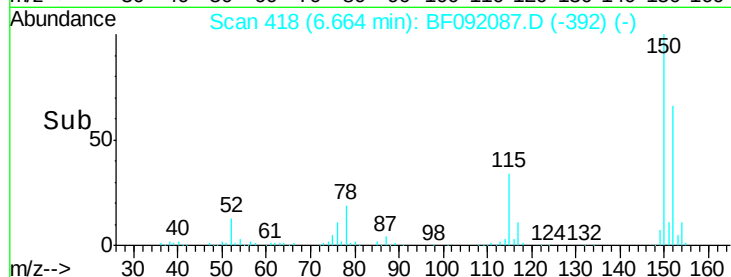
115 52.5 46.0 69.0



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: 70.78 ng

RT: 5.26 min Scan# 295

Delta R.T. -0.00 min

Lab File: BF092087.D

Acq: 5 Jan 2017 00:09

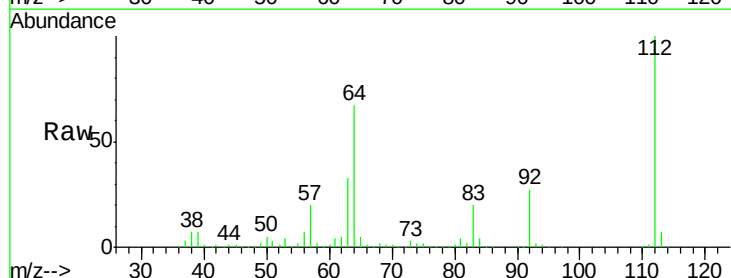
Tgt Ion:112 Resp: 973153

Ion Ratio Lower Upper

112 100

64 67.1 46.1 69.1

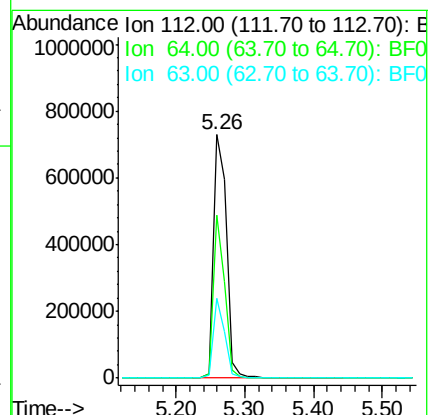
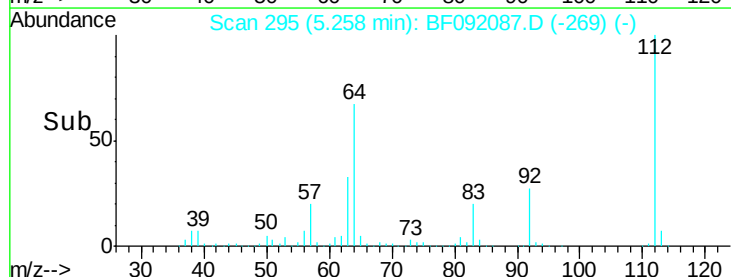
63 32.8 23.8 35.6

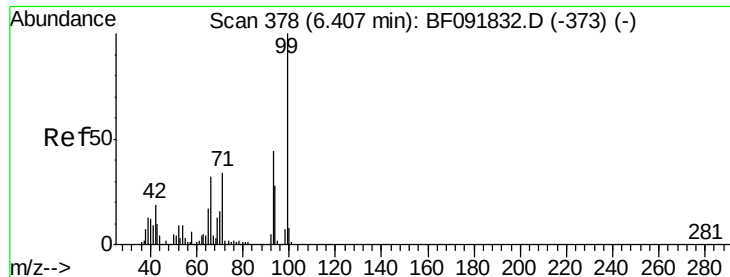


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 48.24 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092087.D

Acq: 5 Jan 2017 00:09

Instrument :

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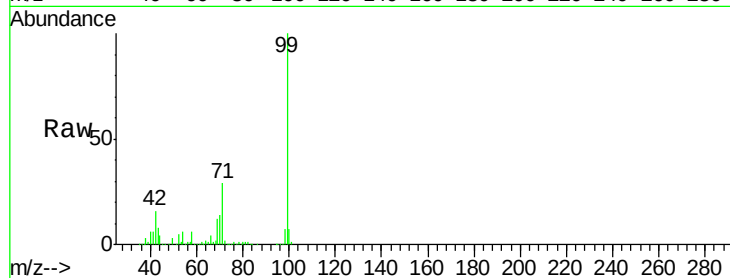
Tgt Ion: 99 Resp: 809877

Ion Ratio Lower Upper

99 100

42 15.7 15.6 23.4

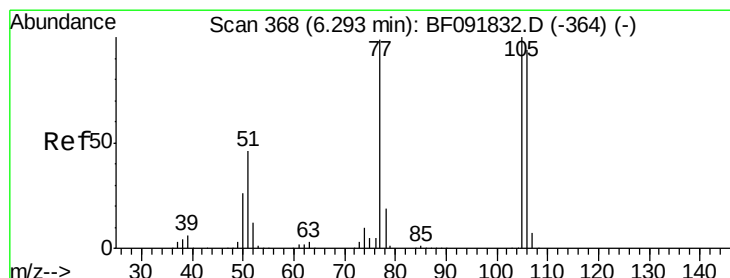
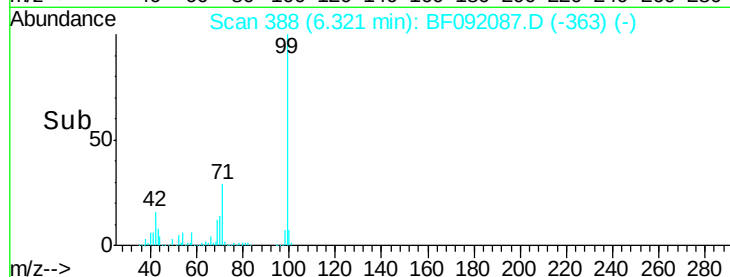
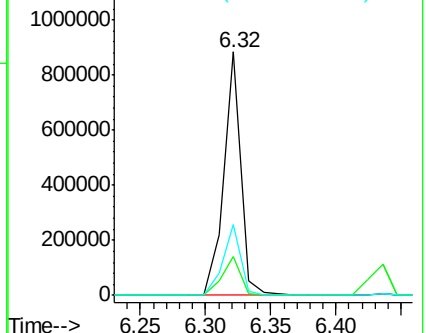
71 29.3 27.5 41.3



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: 3.04 ng

RT: 6.44 min Scan# 398

Delta R.T. 0.23 min

Lab File: BF092087.D

Acq: 5 Jan 2017 00:09

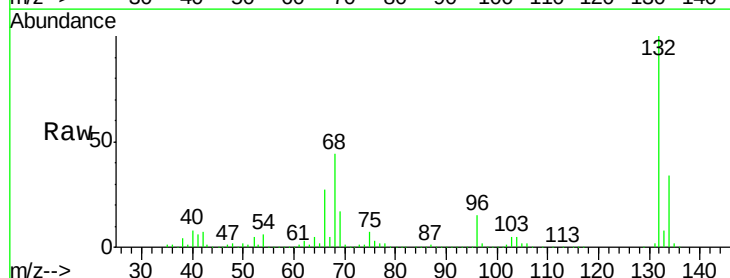
Tgt Ion: 77 Resp: 40968

Ion Ratio Lower Upper

77 100

105 79.3 83.9 123.9#

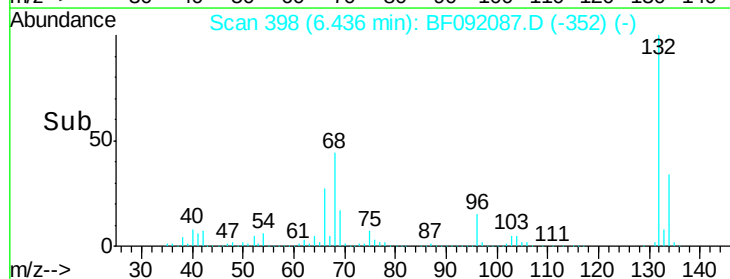
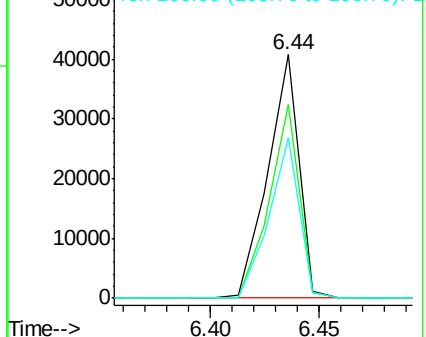
106 65.9 77.6 117.6#

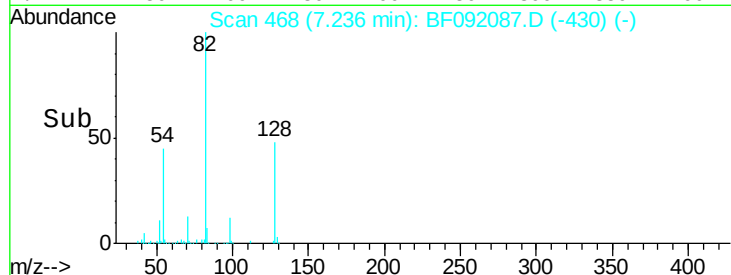
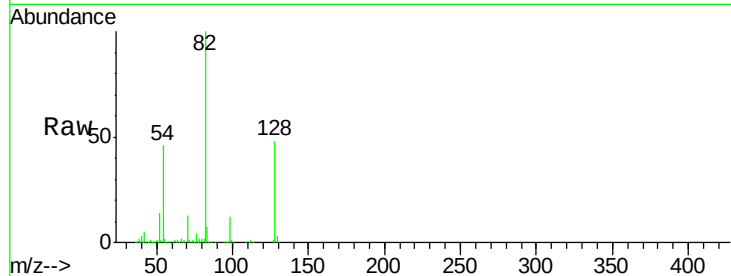
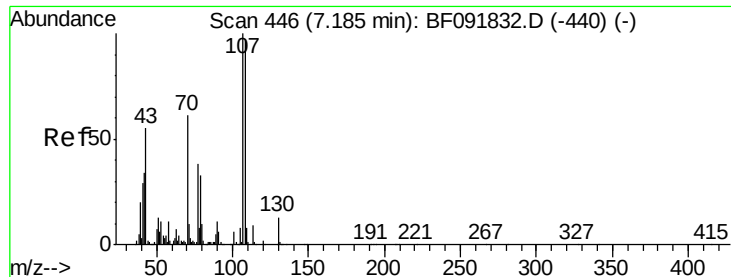


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

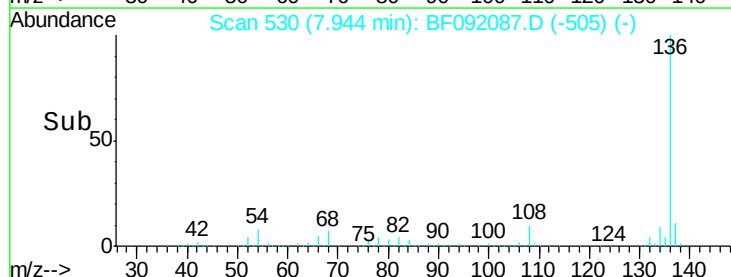
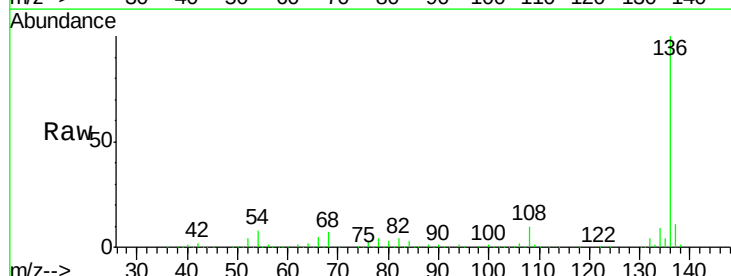
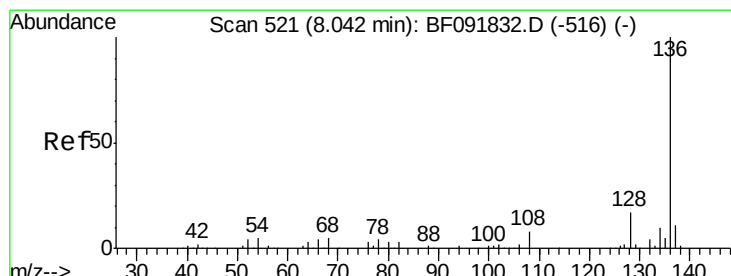
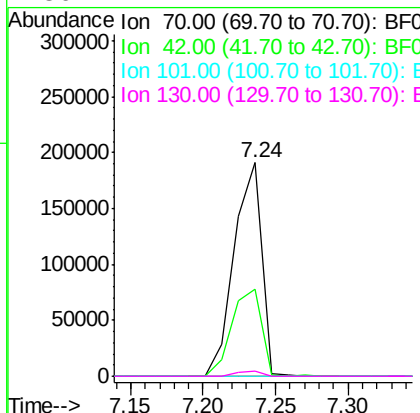




#19
n-Nitroso-di-n-propylamine
Concen: 22.51 ng
RT: 7.24 min Scan# 468
Delta R.T. 0.14 min
Lab File: BF092087.D
Acq: 5 Jan 2017 00:09

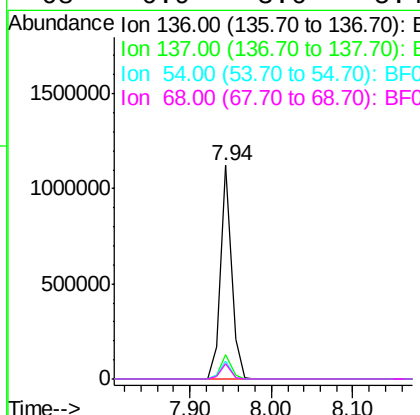
Instrument :
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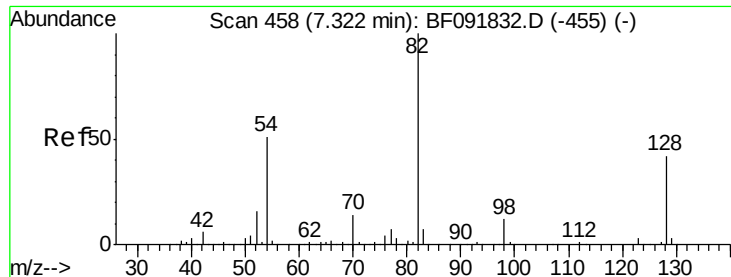
Tgt Ion: 70 Resp: 251441
Ion Ratio Lower Upper
70 100
42 40.9 49.4 74.0#
101 0.0 7.4 11.2#
130 2.4 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF092087.D
Acq: 5 Jan 2017 00:09

Tgt Ion: 136 Resp: 1041150
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.3 4.5 6.7#
68 6.9 3.6 5.4#

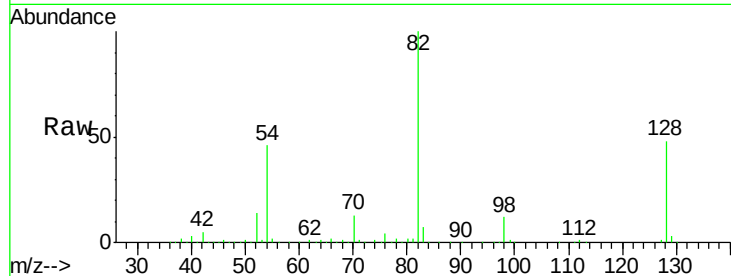




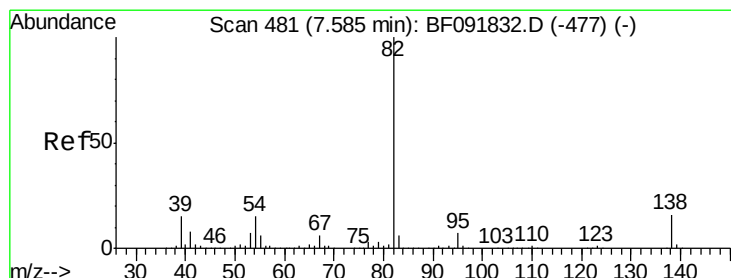
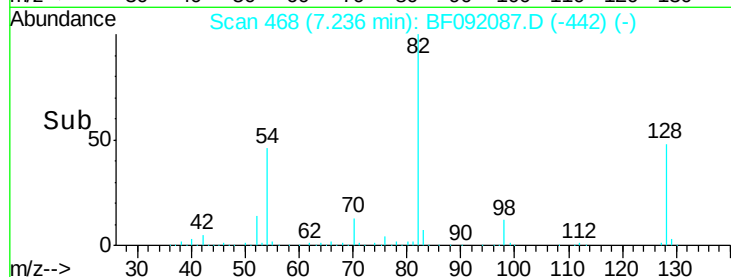
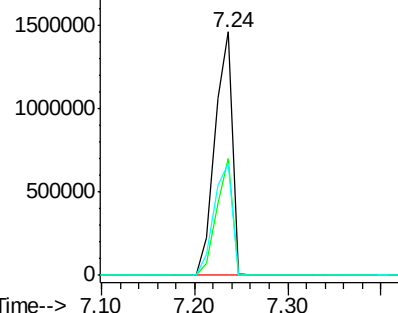
#23
 Nitrobenzene-d5
 Concen: 101.58 ng
 RT: 7.24 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF092087.D
 Acq: 5 Jan 2017 00:09

Instrument :
 BNA_F
 ClientSampleId :
 FLATBUSHFB-2-10317

Tgt Ion: 82 Resp: 1902012
 Ion Ratio Lower Upper
 82 100
 128 47.9 34.6 52.0
 54 46.0 39.5 59.3

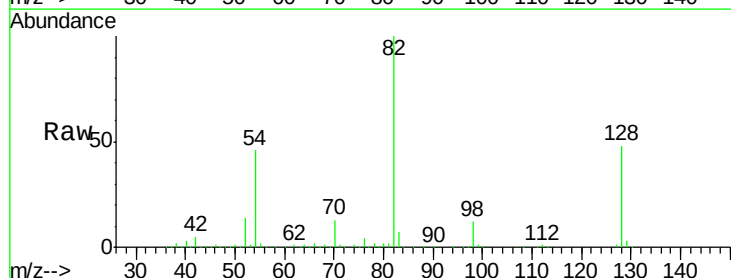


Abundance Ion 82.00 (81.70 to 82.70): BF0
 2000000
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

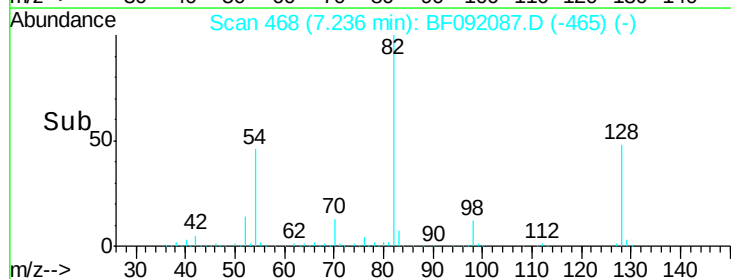
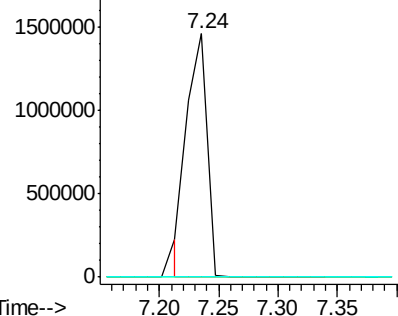


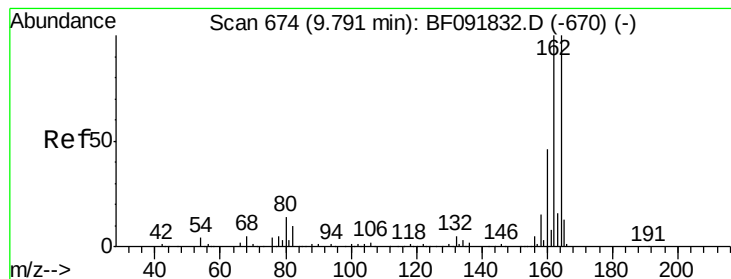
#25
 Isophorone
 Concen: 50.39 ng
 RT: 7.24 min Scan# 468
 Delta R.T. -0.26 min
 Lab File: BF092087.D
 Acq: 5 Jan 2017 00:09

Tgt Ion: 82 Resp: 1740594
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 2000000
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF092087.D

Acq: 5 Jan 2017 00:09

Instrument :

BNA_F

ClientSampleId :

FLATBUSHFB-2-10317

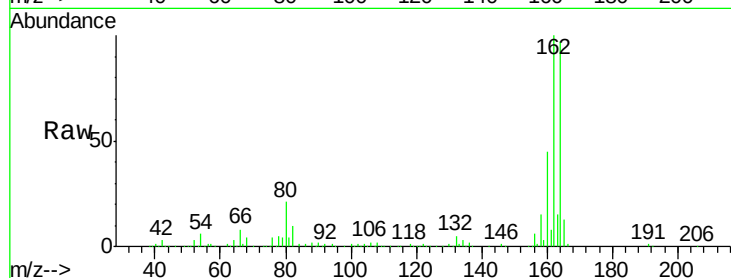
Tgt Ion:164 Resp: 372186

Ion Ratio Lower Upper

164 100

162 102.6 80.2 120.2

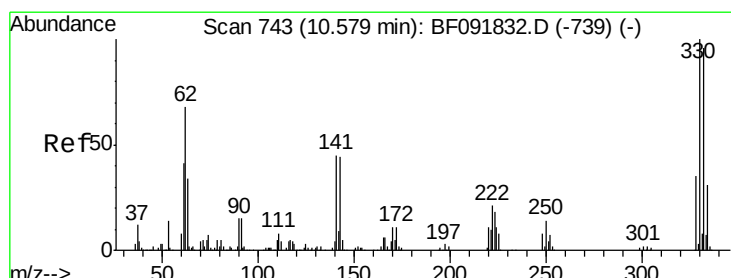
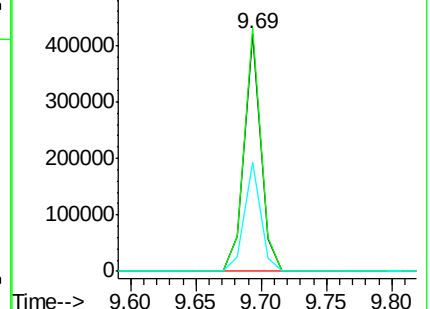
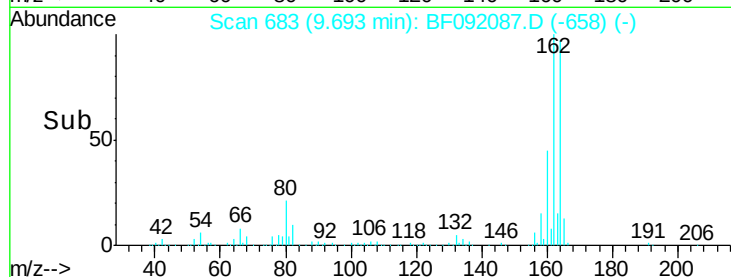
160 46.1 36.9 55.3



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: 156.06 ng

RT: 10.49 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF092087.D

Acq: 5 Jan 2017 00:09

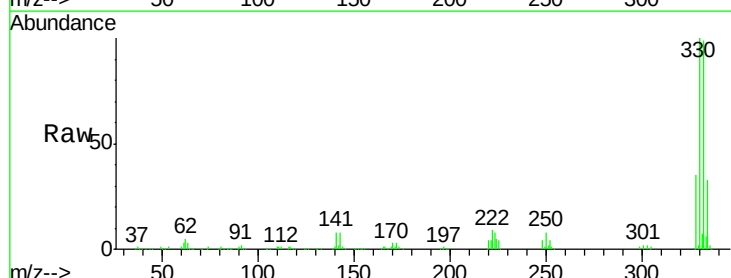
Tgt Ion:330 Resp: 480671

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.2

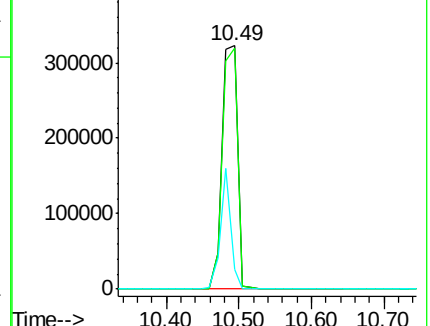
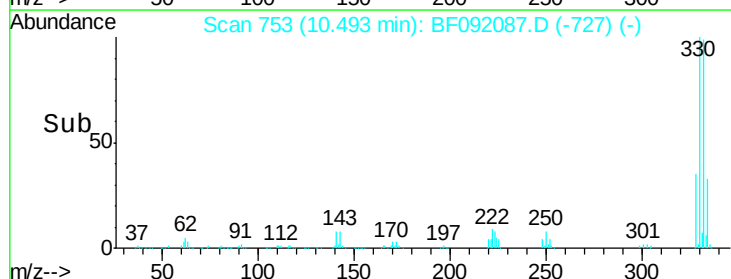
141 33.3 34.1 51.1#

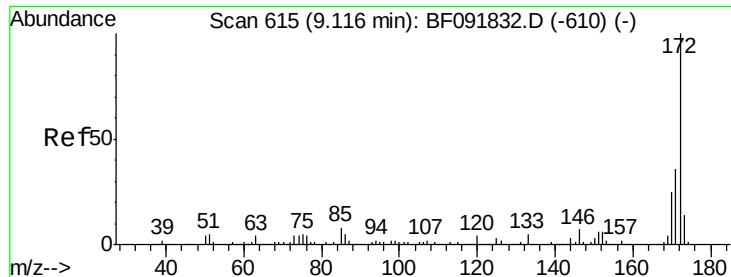


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

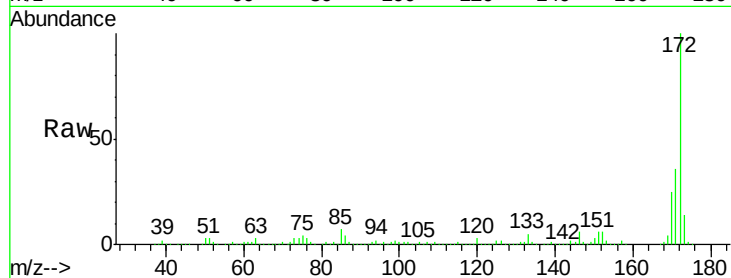




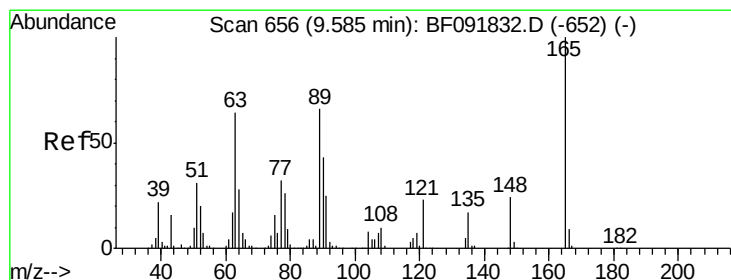
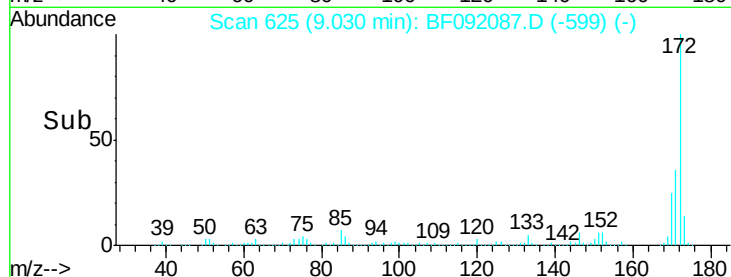
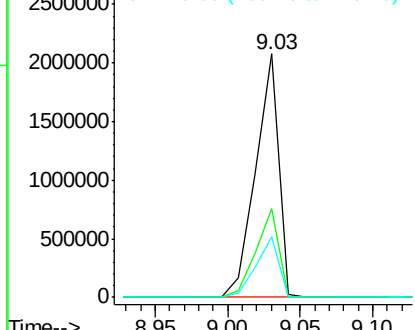
#44
 2-Fluorobiphenyl
 Concen: 133.30 ng
 RT: 9.03 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092087.D
 Acq: 5 Jan 2017 00:09

Instrument :
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Tgt Ion:172 Resp: 2288194
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.7 20.2 30.4

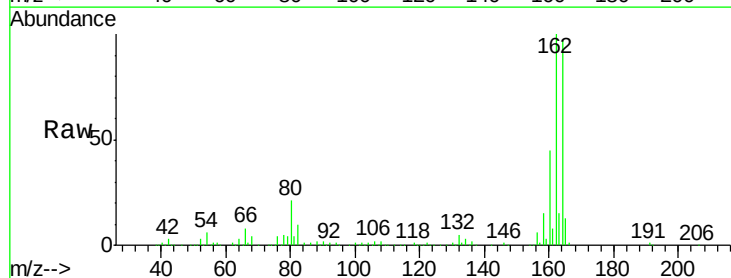


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

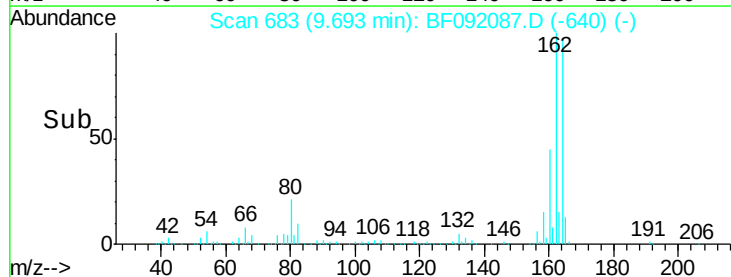
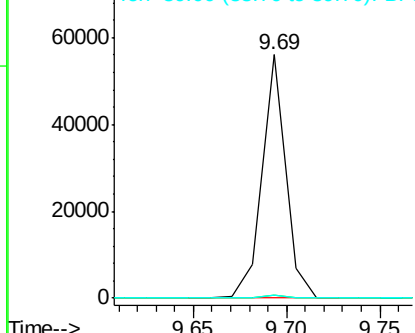


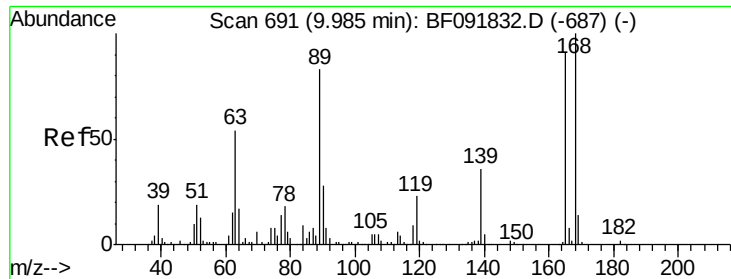
#50
 2,6-Dinitrotoluene
 Concen: 9.37 ng
 RT: 9.69 min Scan# 683
 Delta R.T. 0.19 min
 Lab File: BF092087.D
 Acq: 5 Jan 2017 00:09

Tgt Ion:165 Resp: 48806
 Ion Ratio Lower Upper
 165 100
 63 1.0 36.2 54.4#
 89 1.2 40.2 60.4#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 7.46 ng

RT: 9.69 min Scan# 683

Delta R.T. -0.21 min

Lab File: BF092087.D

Acq: 5 Jan 2017 00:09

Instrument :

BNA_F

ClientSampleId :

FLATBUSHFB-2-10317

Tgt Ion:165 Resp: 48806

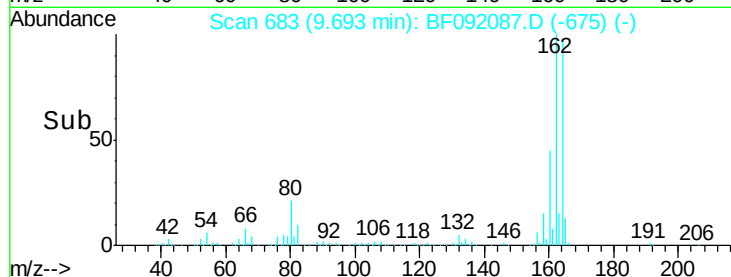
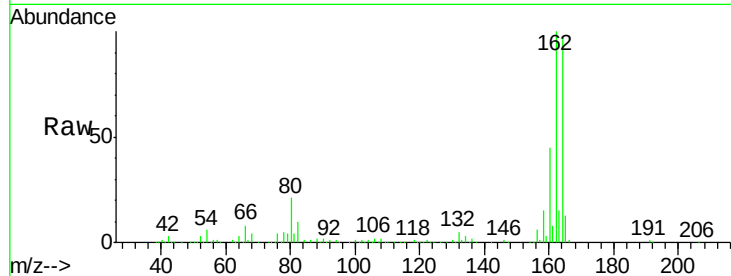
Ion Ratio Lower Upper

165 100

63 1.0 40.2 60.4#

89 1.2 62.5 93.7#

182 0.0 1.8 2.8#

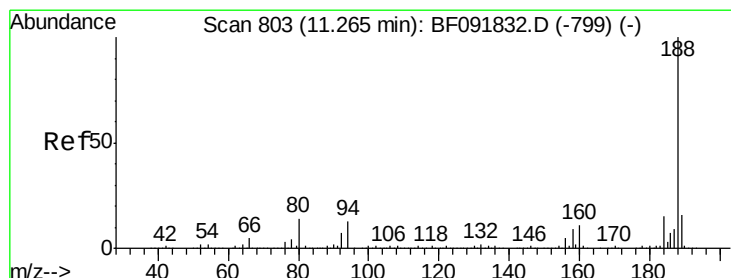
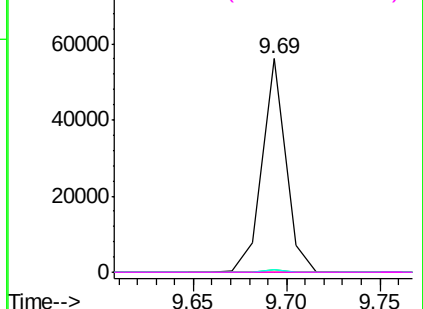


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.17 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF092087.D

Acq: 5 Jan 2017 00:09

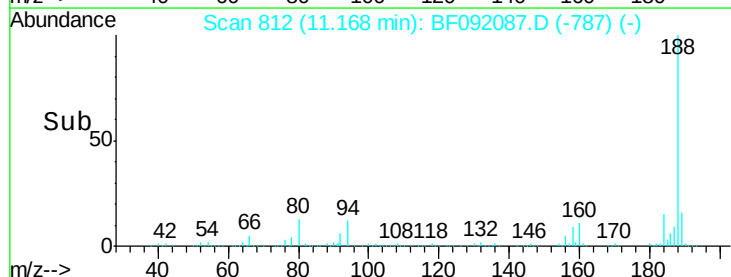
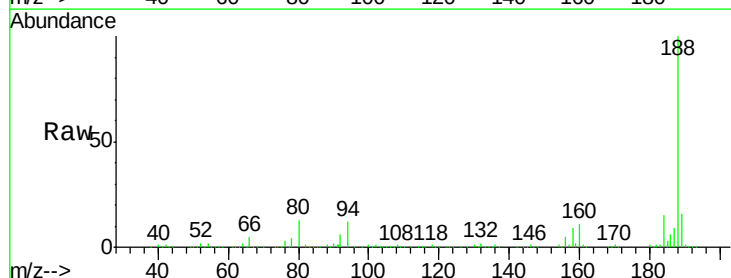
Tgt Ion:188 Resp: 615131

Ion Ratio Lower Upper

188 100

94 12.1 10.0 15.0

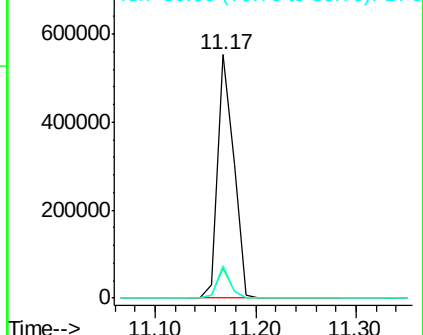
80 13.3 11.2 16.8

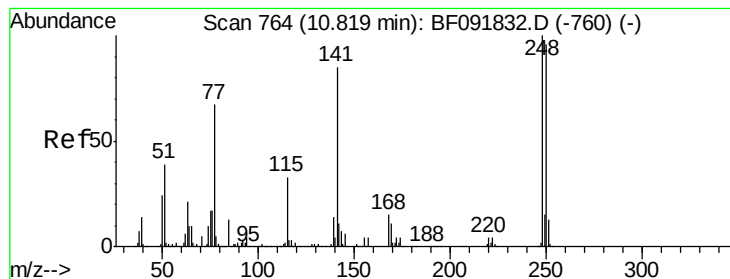


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.52 ng

RT: 10.48 min Scan# 752

Delta R.T. -0.25 min

Lab File: BF092087.D

Acq: 5 Jan 2017 00:09

Instrument :

BNA_F

ClientSampleId :

FLATBUSHFB-2-10317

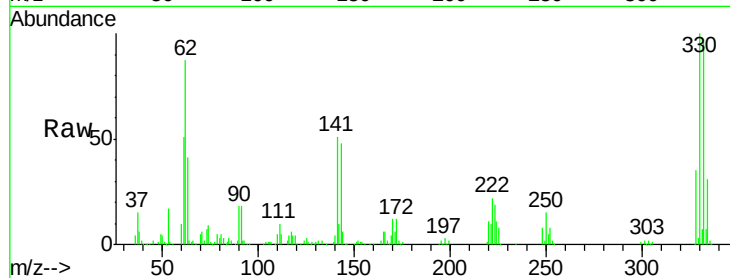
Tgt Ion:248 Resp: 28919

Ion Ratio Lower Upper

248 100

250 192.1 76.9 115.3#

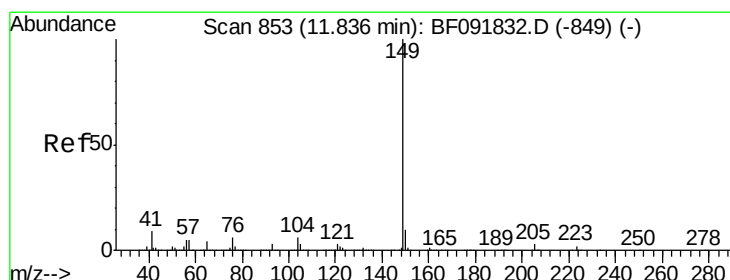
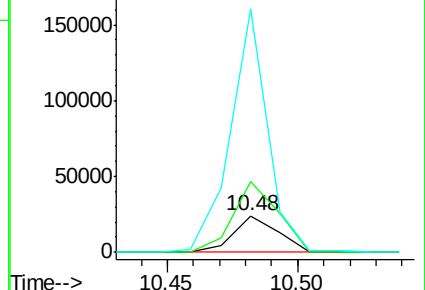
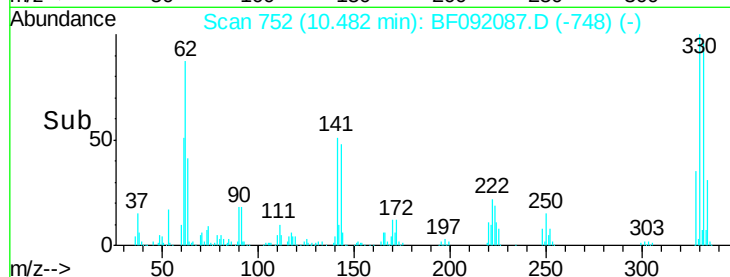
141 665.5 68.2 102.4#



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



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.75 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF092087.D

Acq: 5 Jan 2017 00:09

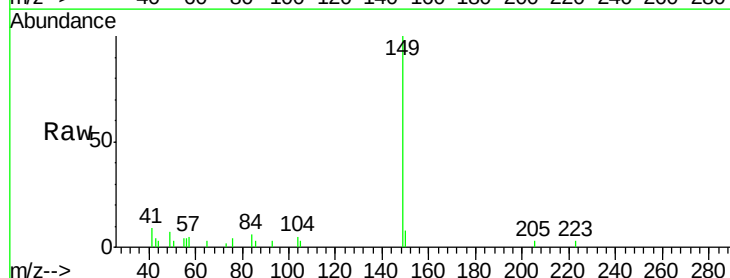
Tgt Ion:149 Resp: 13791

Ion Ratio Lower Upper

149 100

150 8.2 8.1 12.1

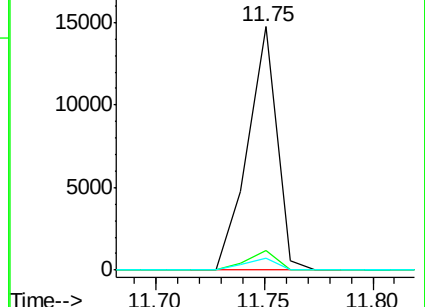
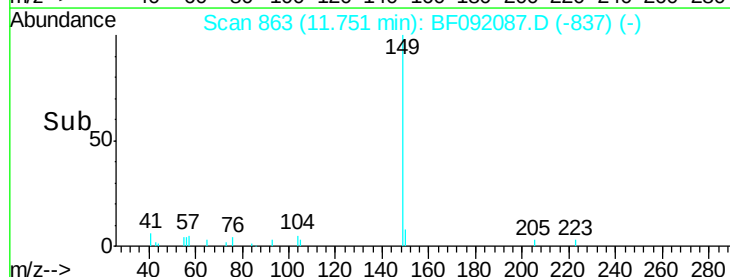
104 4.9 4.6 7.0

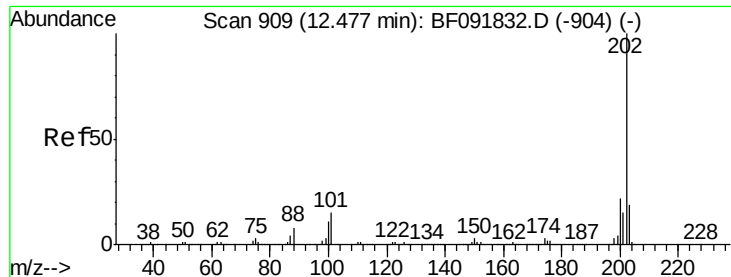


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 12.38 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF092087.D

Acq: 5 Jan 2017 00:09

Instrument :

BNA_F

ClientSampleId :

FLATBUSHFB-2-10317

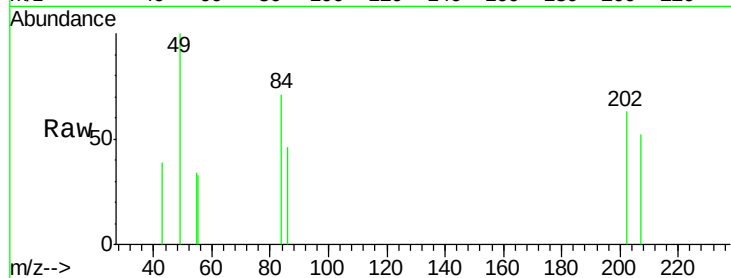
Tgt Ion: 202 Resp: 391

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

203 0.0 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

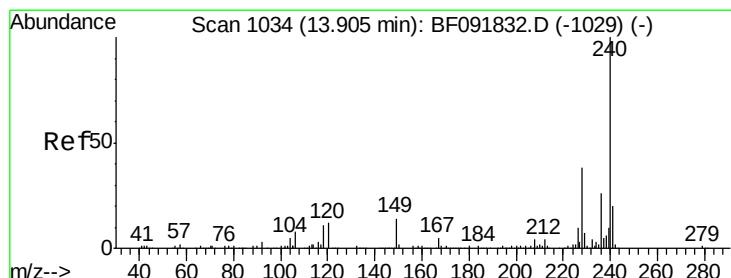
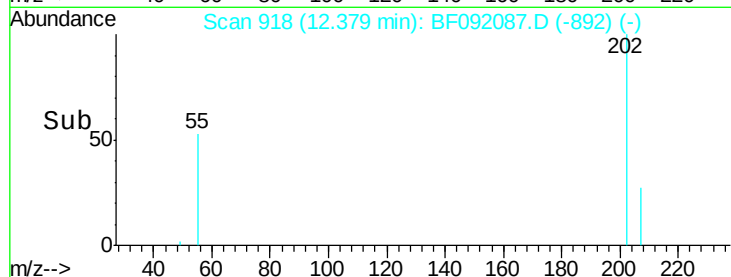
12.38

400

200

0

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF092087.D

Acq: 5 Jan 2017 00:09

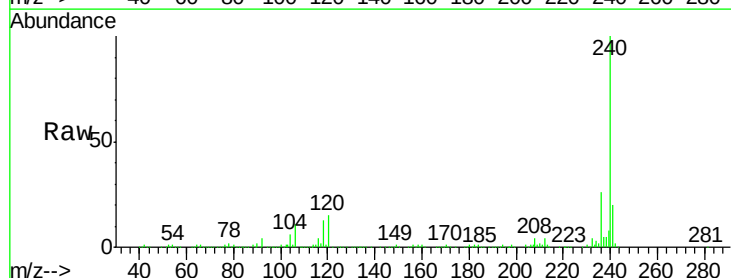
Tgt Ion: 240 Resp: 493101

Ion Ratio Lower Upper

240 100

120 14.6 12.9 19.3

236 26.2 20.9 31.3



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

13.80

400000

300000

200000

100000

0

Time-->

