

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011717\
 Data File : BF092331.D
 Acq On : 17 Jan 2017 22:24
 Operator : UM/SJ
 Sample : I1242-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-09

Quant Time: Jan 18 00:00:40 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

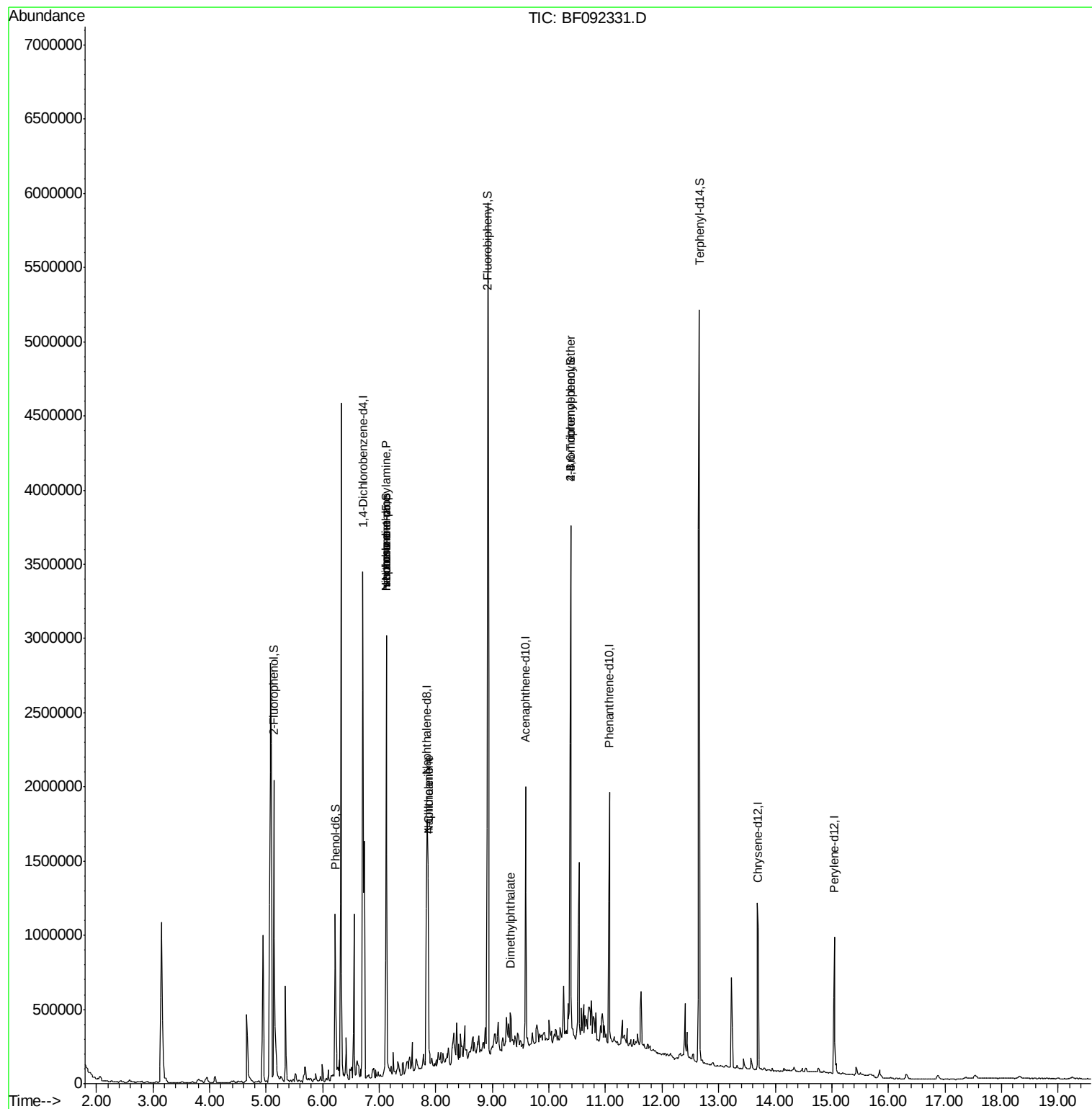
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	716372	20.00	ng	0.07
21) Naphthalene-d8	7.84	136	933916	20.00	ng	-0.09
38) Acenaphthene-d10	9.58	164	472449	20.00	ng	-0.10
63) Phenanthrene-d10	11.07	188	765686	20.00	ng	-0.09
75) Chrysene-d12	13.70	240	548626	20.00	ng	-0.09
86) Perylene-d12	15.05	264	427786	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	796795	18.57	ng	-0.10
7) Phenol-d6	6.22	99	601287	11.48	ng	-0.09
23) Nitrobenzene-d5	7.12	82	1233137	73.42	ng	-0.09
41) 2,4,6-Tribromophenol	10.38	330	513773	131.40	ng	-0.09
44) 2-Fluorobiphenyl	8.92	172	2363237	105.62	ng	-0.09
78) Terphenyl-d14	12.66	244	2107919	93.18	ng	-0.09
Target Compounds						
18) Hexachloroethane	7.12	117	90220	4.59	ng	# 2
19) n-Nitroso-di-n-propylamine	7.12	70	170302	4.89	ng	# 78
25) Isophorone	7.12	82	1047436	33.80	ng	# 65
31) Naphthalene	7.87	128	907429	21.23	ng	# 98
33) 4-Chloroaniline	7.87	127	117844	6.11	ng	# 36
49) Dimethylphthalate	9.32	163	78164	2.59	ng	# 96
66) 4-Bromophenyl-phenylether	10.38	248	33495	4.21	ng	# 1
71) Anthracene	11.15	178	764	Below Cal		# 1
73) Di-n-butylphthalate	11.64	149	15579	Below Cal		# 87
74) Fluoranthene	12.28	202	2956	Below Cal		# 4
76) Benzydine	12.38	184	1524	Below Cal		# 1

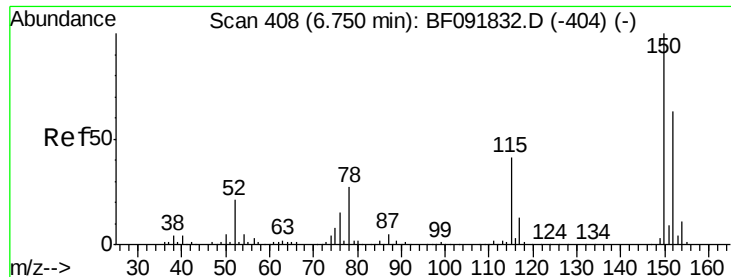
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 431

Delta R.T. 0.07 min

Lab File: BF092331.D

Acq: 17 Jan 2017 22:24

Instrument :

BNA_F

ClientSampled :

W-09

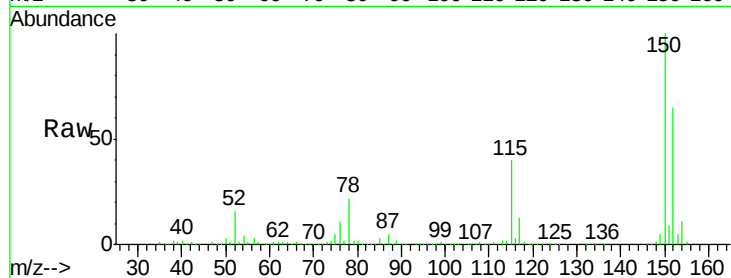
Tgt Ion:152 Resp: 716372

Ion Ratio Lower Upper

152 100

150 154.2 124.9 187.3

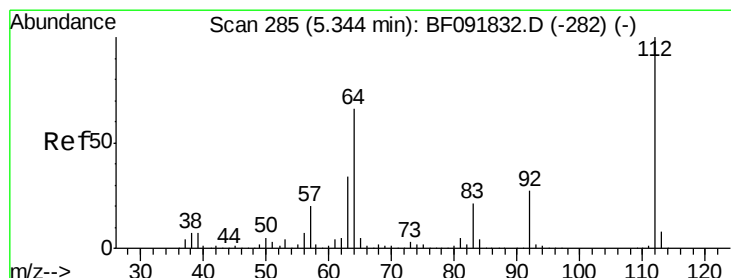
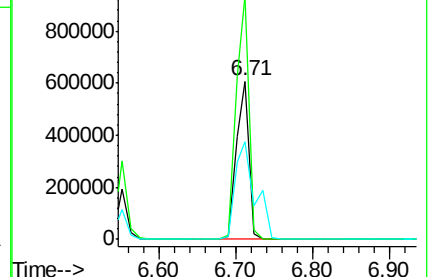
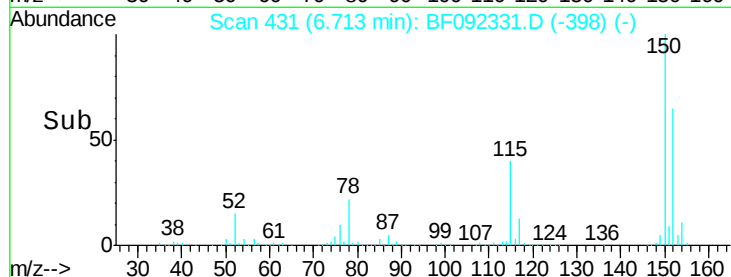
115 61.8 46.0 69.0



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: 18.57 ng

RT: 5.14 min Scan# 293

Delta R.T. -0.10 min

Lab File: BF092331.D

Acq: 17 Jan 2017 22:24

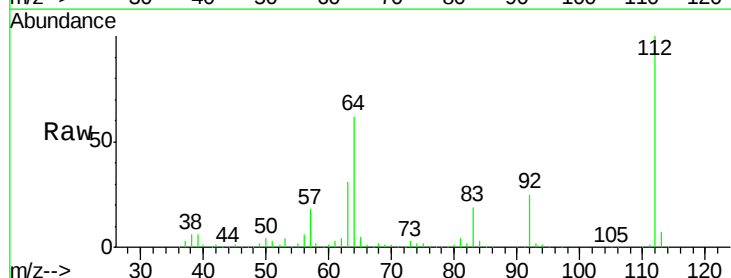
Tgt Ion:112 Resp: 796795

Ion Ratio Lower Upper

112 100

64 62.1 46.1 69.1

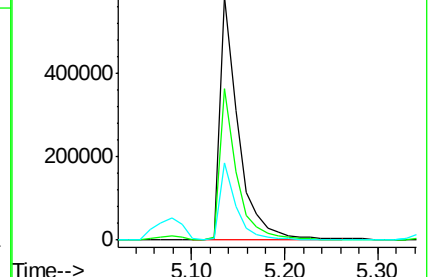
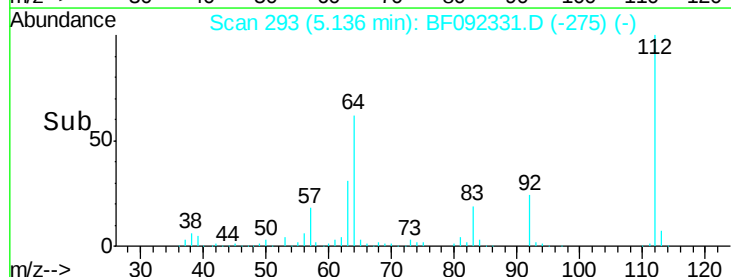
63 31.5 23.8 35.6



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: 11.48 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.09 min

Lab File: BF092331.D

Acq: 17 Jan 2017 22:24

Instrument :

BNA_F

ClientSampled :

W-09

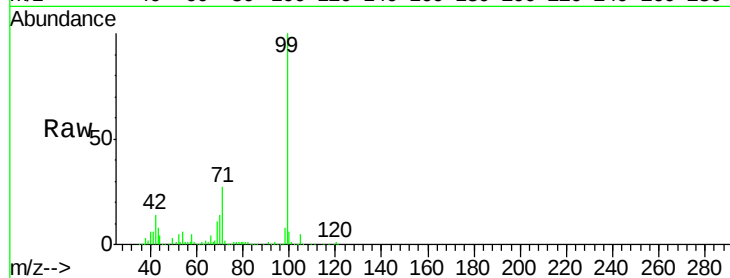
Tgt Ion: 99 Resp: 601287

Ion Ratio Lower Upper

99 100

42 14.3 15.6 23.4#

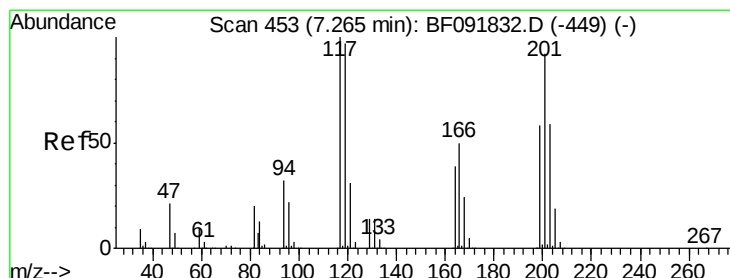
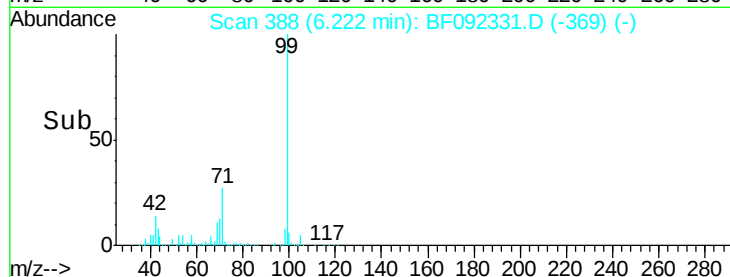
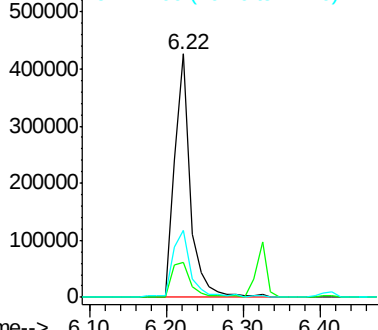
71 27.4 27.5 41.3#



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



#18

Hexachloroethane

Concen: 4.59 ng

RT: 7.12 min Scan# 467

Delta R.T. -0.03 min

Lab File: BF092331.D

Acq: 17 Jan 2017 22:24

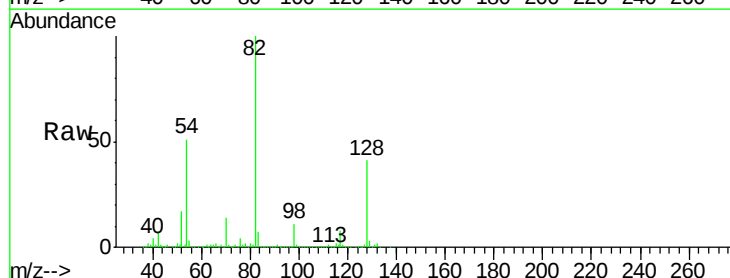
Tgt Ion: 117 Resp: 90220

Ion Ratio Lower Upper

117 100

119 1.7 78.1 117.1#

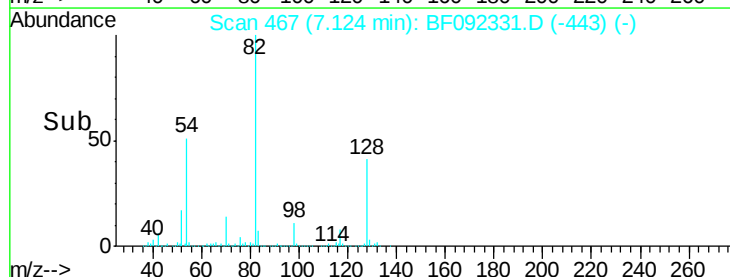
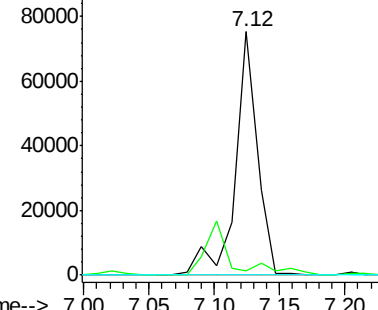
201 0.0 78.6 117.8#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

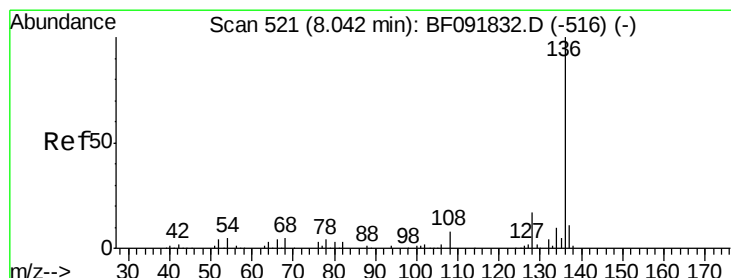
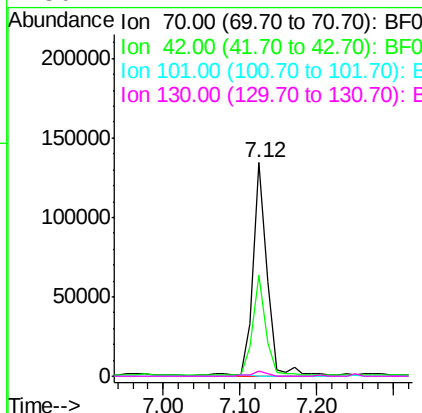
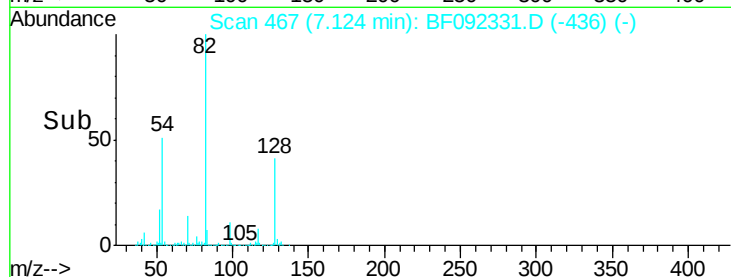
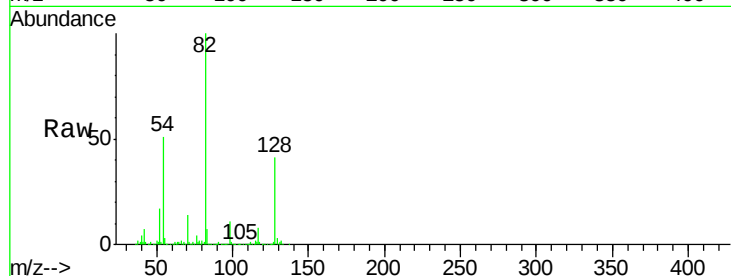




#19
n-Nitroso-di-n-propylamine
Concen: 4.89 ng
RT: 7.12 min Scan# 467
Delta R.T. 0.05 min
Lab File: BF092331.D
Acq: 17 Jan 2017 22:24

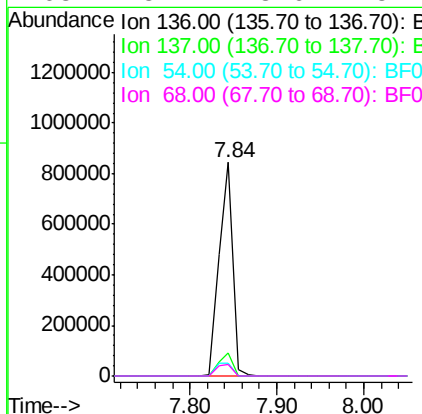
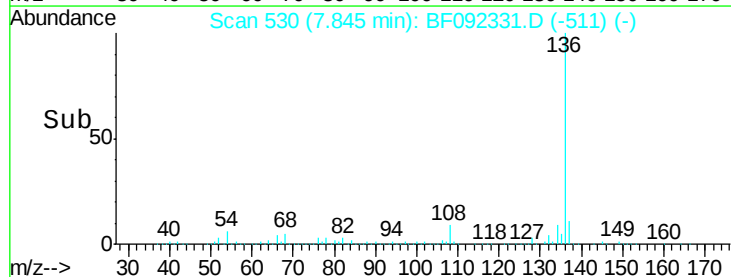
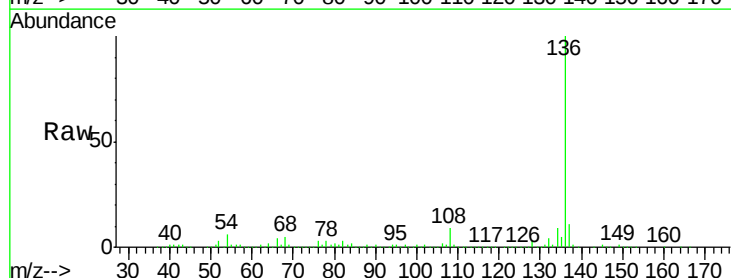
Instrument :
BNA_F
ClientSampleId :
W-09

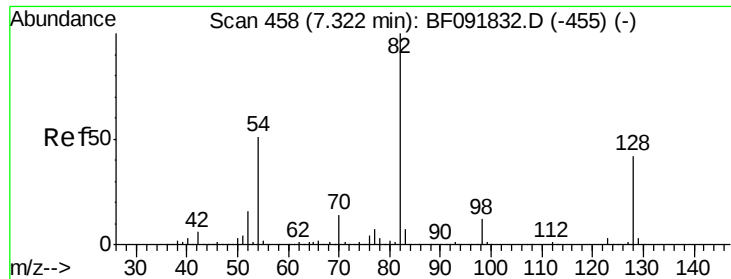
Tgt Ion: 70 Resp: 170302
Ion Ratio Lower Upper
70 100
42 47.6 49.4 74.0#
101 0.3 7.4 11.2#
130 2.4 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.09 min
Lab File: BF092331.D
Acq: 17 Jan 2017 22:24

Tgt Ion: 136 Resp: 933916
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.0 4.5 6.7
68 5.4 3.6 5.4

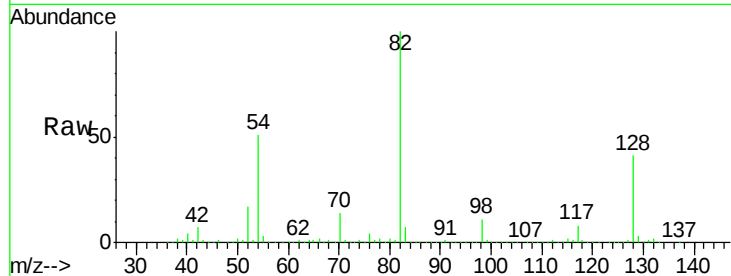




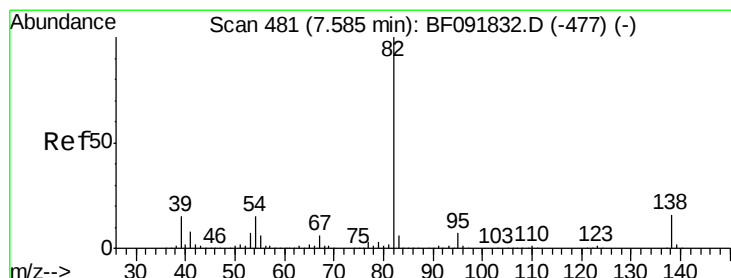
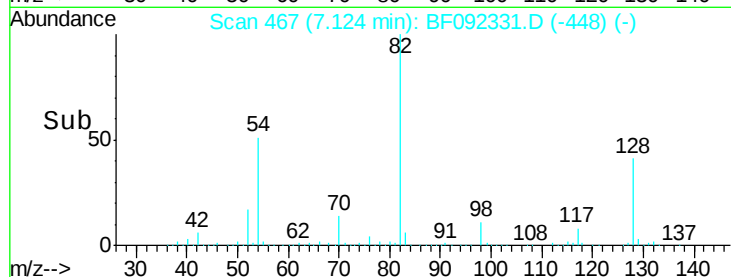
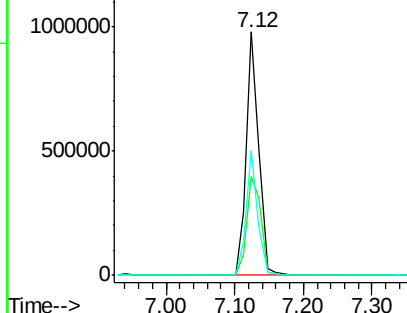
#23
Nitrobenzene-d5
Concen: 73.42 ng
RT: 7.12 min Scan# 467
Delta R.T. -0.09 min
Lab File: BF092331.D
Acq: 17 Jan 2017 22:24

Instrument :
BNA_F
ClientSampled :
W-09

Tgt Ion: 82 Resp: 1233137
Ion Ratio Lower Upper
82 100
128 40.7 34.6 52.0
54 51.3 39.5 59.3

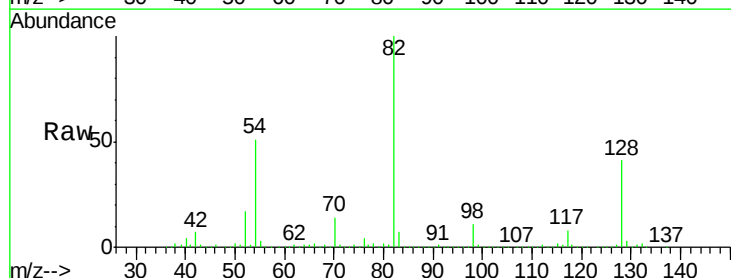


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

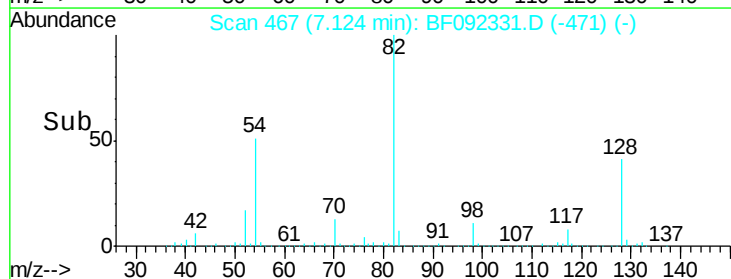
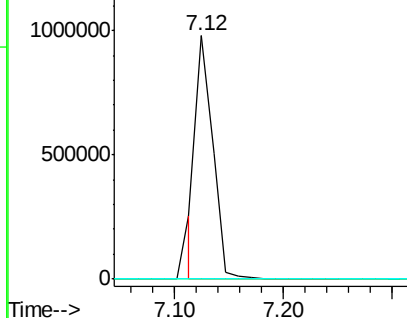


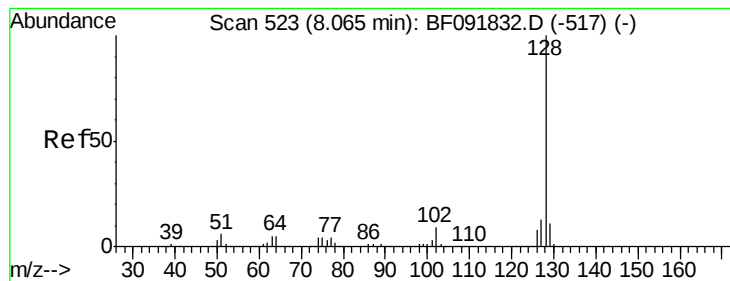
#25
Isophorone
Concen: 33.80 ng
RT: 7.12 min Scan# 467
Delta R.T. -0.35 min
Lab File: BF092331.D
Acq: 17 Jan 2017 22:24

Tgt Ion: 82 Resp: 1047436
Ion Ratio Lower Upper
82 100
95 0.2 5.6 8.4#
138 0.0 14.6 22.0#



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





#31

Naphthalene

Concen: 21.23 ng

RT: 7.87 min Scan# 532

Delta R.T. -0.09 min

Lab File: BF092331.D

Acq: 17 Jan 2017 22:24

Instrument :

BNA_F

ClientSampleId :

W-09

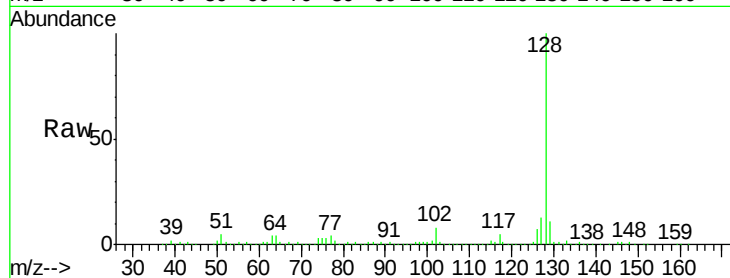
Tgt Ion:128 Resp: 907429

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

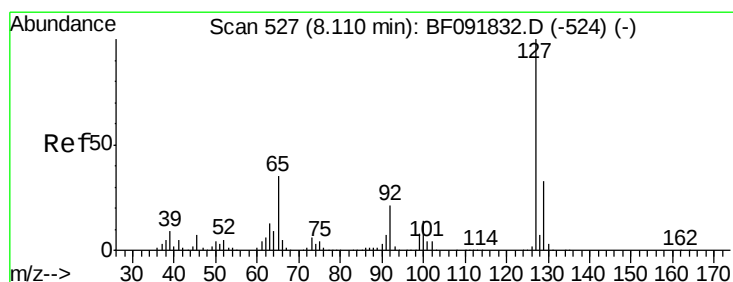
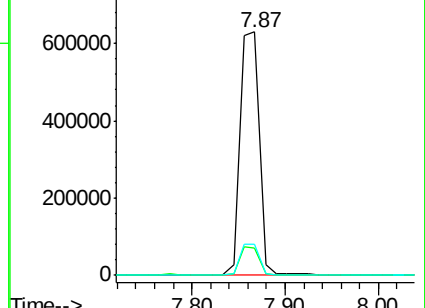
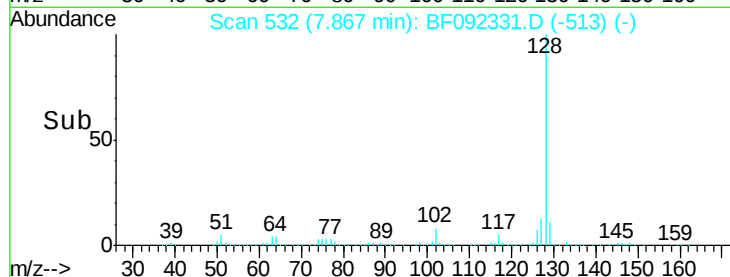
127 12.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 6.11 ng

RT: 7.87 min Scan# 532

Delta R.T. -0.15 min

Lab File: BF092331.D

Acq: 17 Jan 2017 22:24

Tgt Ion:127 Resp: 117844

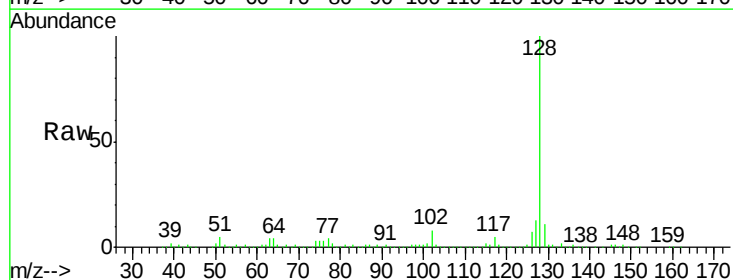
Ion Ratio Lower Upper

127 100

129 85.6 26.3 39.5#

65 4.7 25.8 38.8#

92 1.1 16.1 24.1#

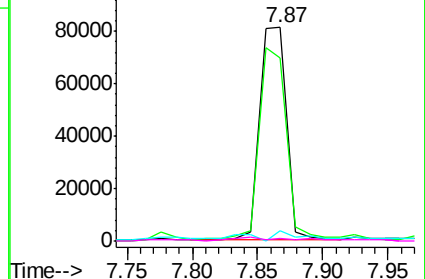
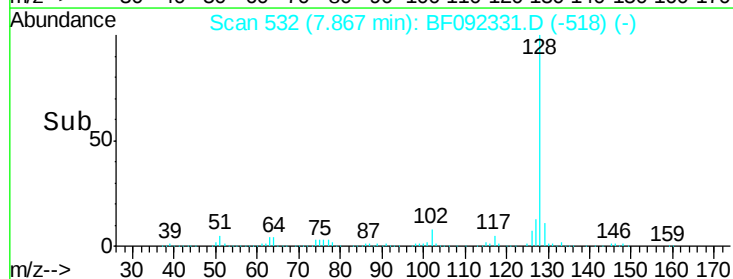


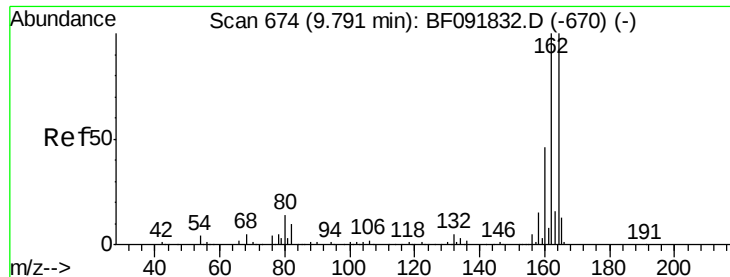
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 682

Delta R.T. -0.10 min

Lab File: BF092331.D

Acq: 17 Jan 2017 22:24

Instrument :

BNA_F

ClientSampleId :

W-09

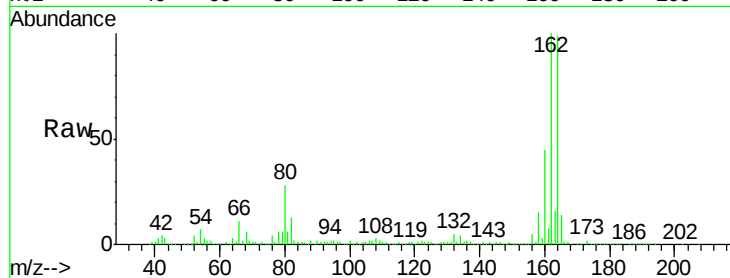
Tgt Ion:164 Resp: 472449

Ion Ratio Lower Upper

164 100

162 100.9 80.2 120.2

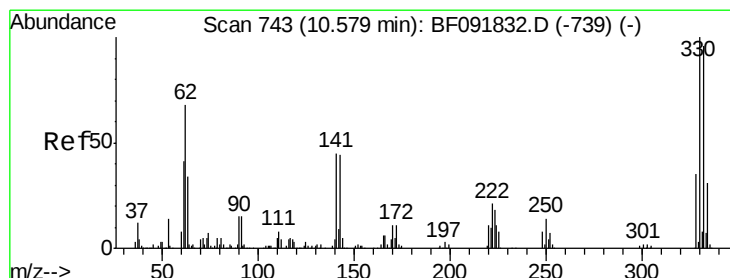
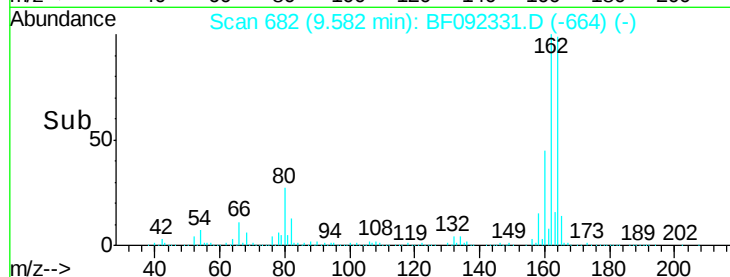
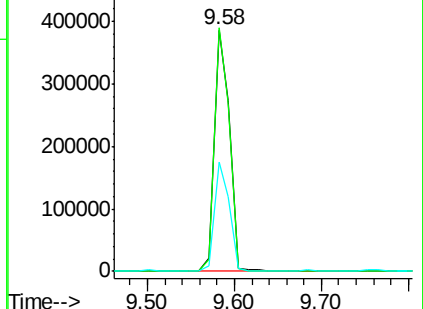
160 45.4 36.9 55.3



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: 131.40 ng

RT: 10.38 min Scan# 752

Delta R.T. -0.09 min

Lab File: BF092331.D

Acq: 17 Jan 2017 22:24

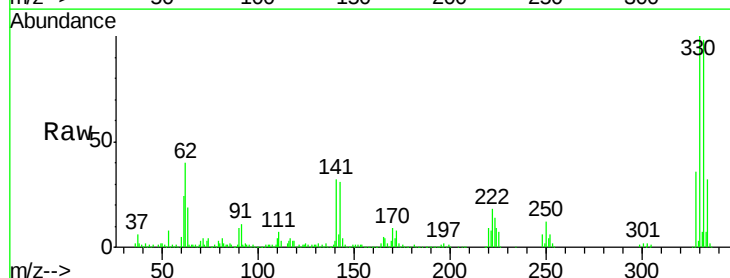
Tgt Ion:330 Resp: 513773

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

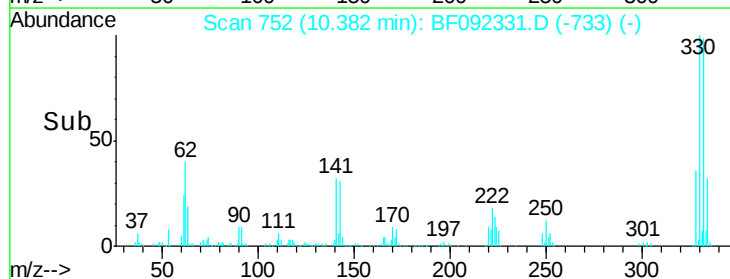
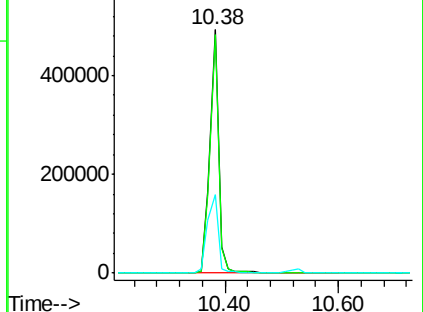
141 37.8 34.1 51.1

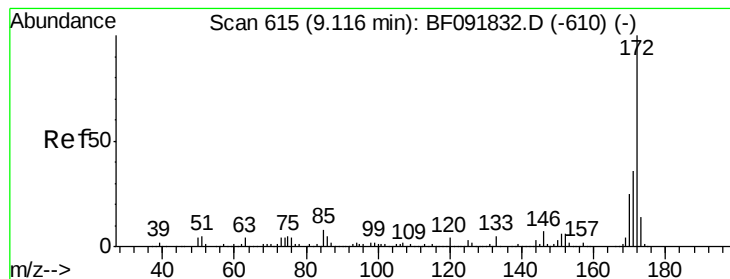


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 105.62 ng

RT: 8.92 min Scan# 624

Delta R.T. -0.09 min

Lab File: BF092331.D

Acq: 17 Jan 2017 22:24

Instrument :

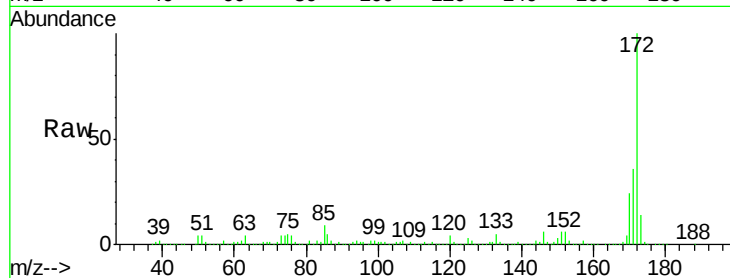
BNA_F

ClientSampleId :

W-09

Tgt Ion:172 Resp: 2363237

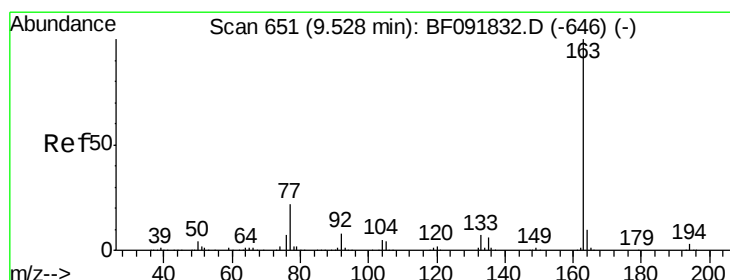
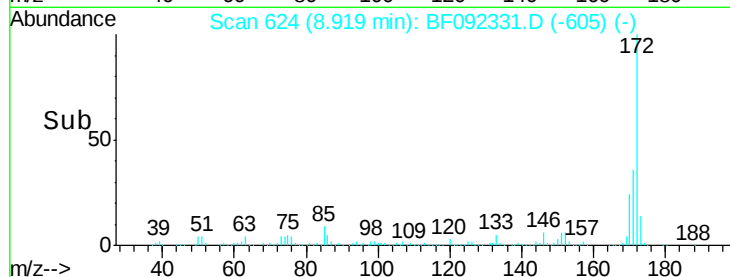
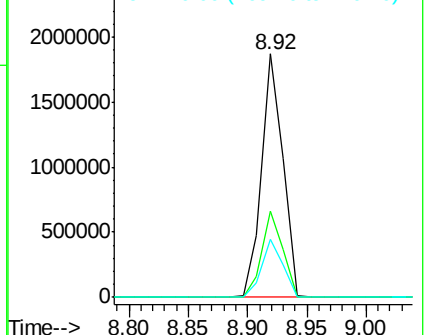
Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	24.0	20.2	30.4



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



#49

Dimethylphthalate

Concen: 2.59 ng

RT: 9.32 min Scan# 659

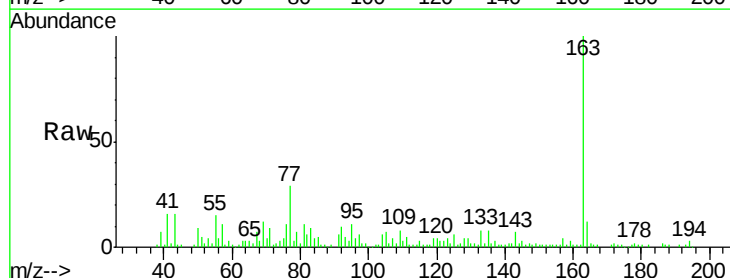
Delta R.T. -0.10 min

Lab File: BF092331.D

Acq: 17 Jan 2017 22:24

Tgt Ion:163 Resp: 78164

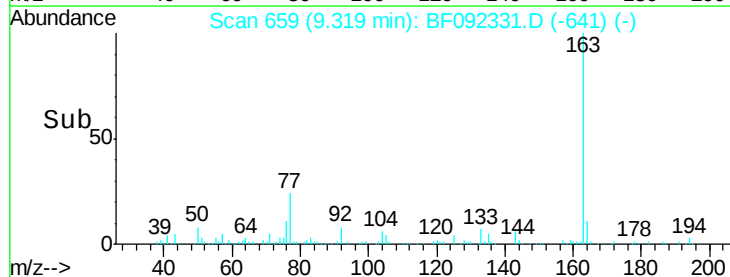
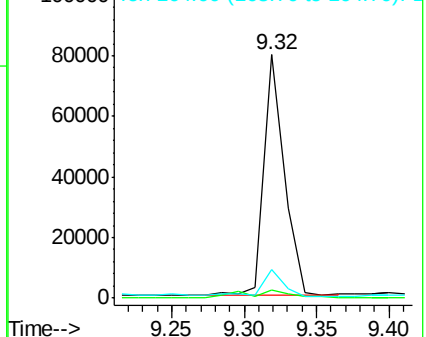
Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	11.7	8.0	12.0

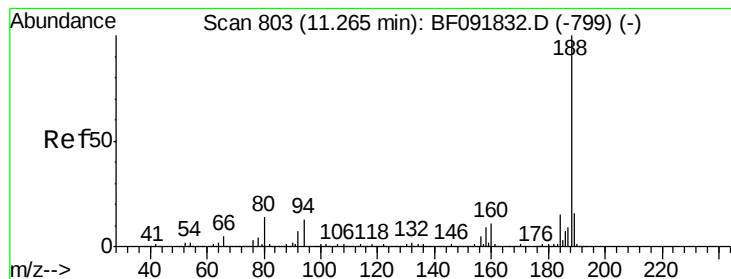


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 812

Delta R.T. -0.09 min

Lab File: BF092331.D

Acq: 17 Jan 2017 22:24

Instrument :

BNA_F

ClientSampleId :

W-09

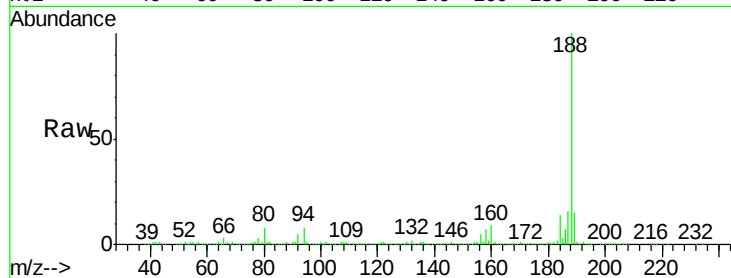
Tgt Ion:188 Resp: 765686

Ion Ratio Lower Upper

188 100

94 8.3 10.0 15.0#

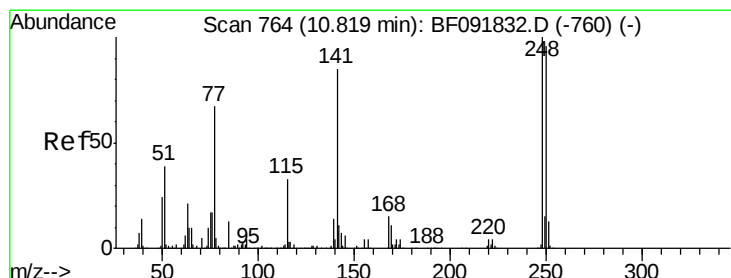
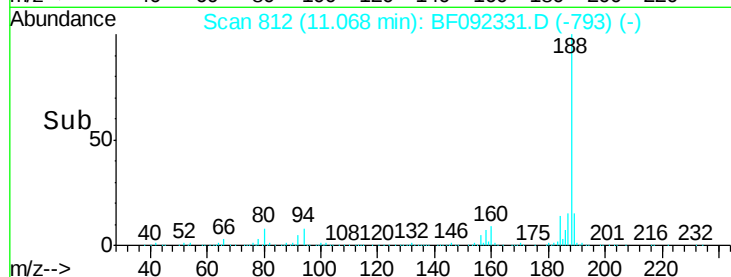
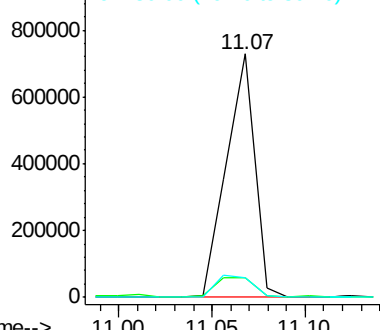
80 8.3 11.2 16.8#



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: 4.21 ng

RT: 10.38 min Scan# 752

Delta R.T. -0.33 min

Lab File: BF092331.D

Acq: 17 Jan 2017 22:24

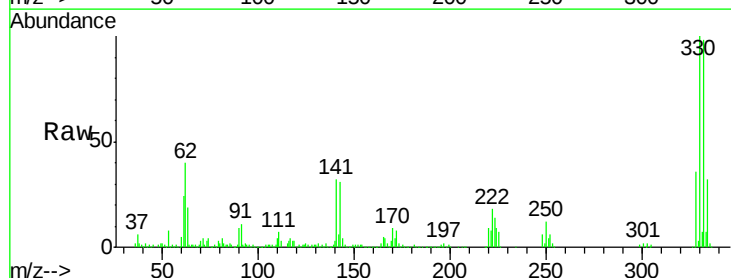
Tgt Ion:248 Resp: 33495

Ion Ratio Lower Upper

248 100

250 193.1 76.9 115.3#

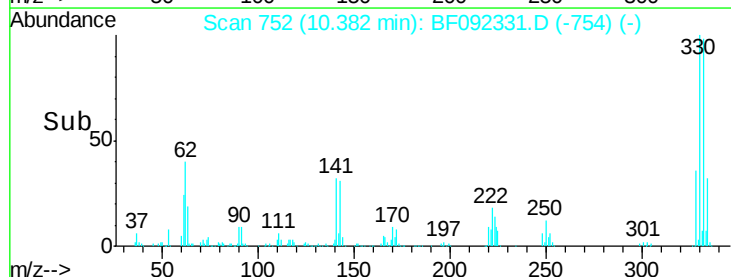
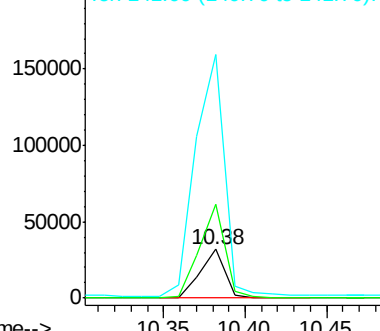
141 500.6 68.2 102.4#

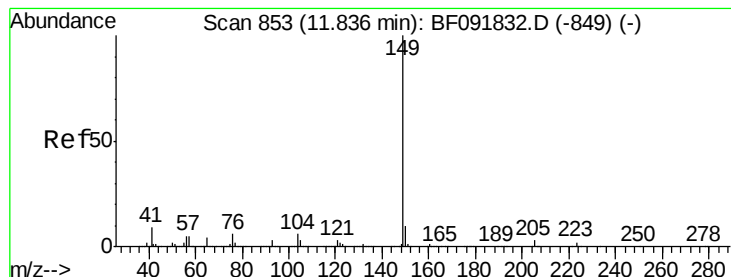


Abundance Ion 248.00 (247.70 to 248.70): E

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: 11.64 min Scan# 862

Delta R.T. -0.09 min

Lab File: BF092331.D

Acq: 17 Jan 2017 22:24

Instrument :

BNA_F

ClientSampleId :

W-09

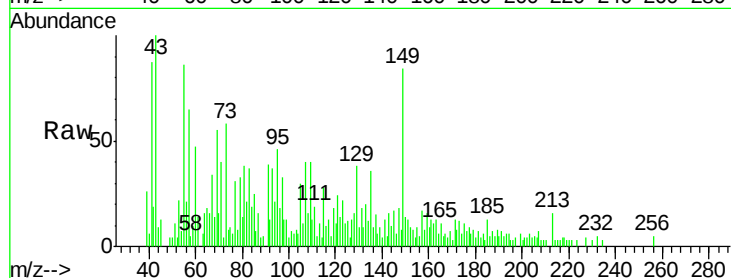
Tgt Ion:149 Resp: 15579

Ion Ratio Lower Upper

149 100

150 16.7 8.1 12.1#

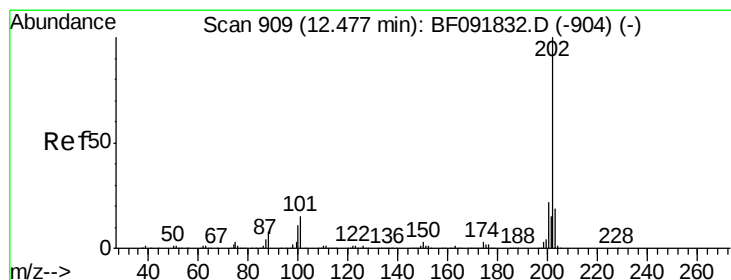
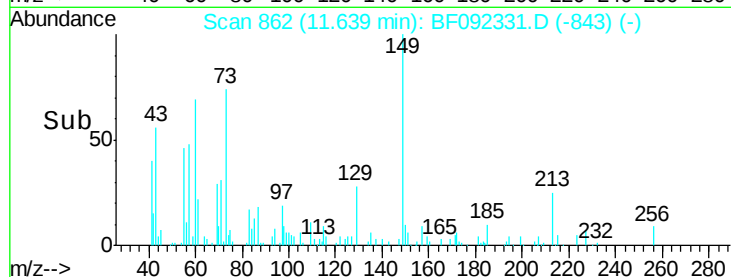
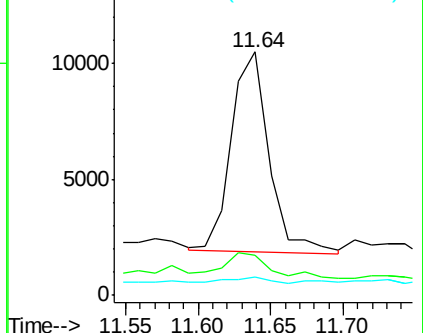
104 7.4 4.6 7.0#



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: 12.28 min Scan# 918

Delta R.T. -0.09 min

Lab File: BF092331.D

Acq: 17 Jan 2017 22:24

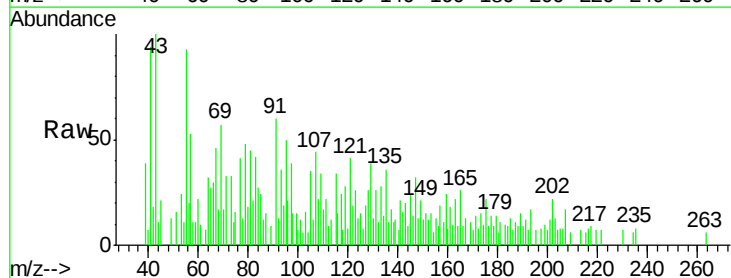
Tgt Ion:202 Resp: 2956

Ion Ratio Lower Upper

202 100

101 56.7 0.0 34.6#

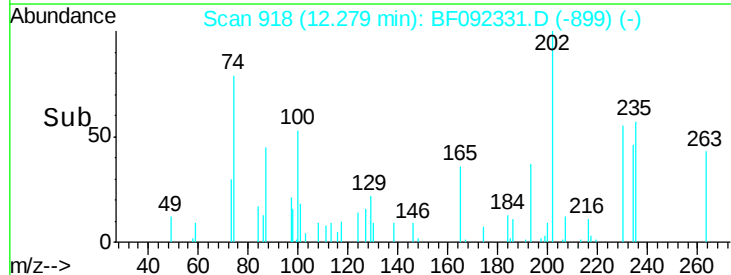
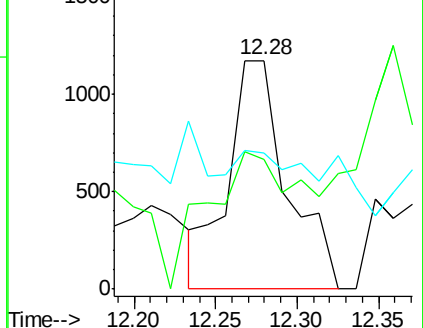
203 59.5 0.0 38.7#

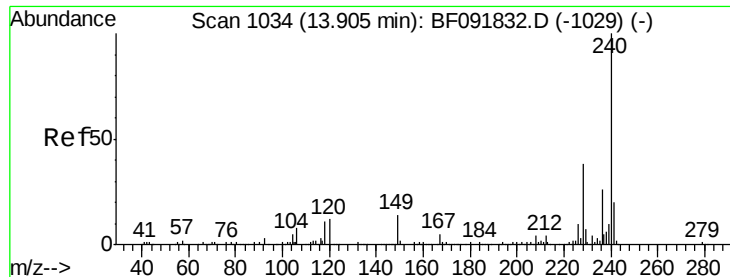


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1042

Delta R.T. -0.09 min

Lab File: BF092331.D

Acq: 17 Jan 2017 22:24

Instrument :

BNA_F

ClientSampleId :

W-09

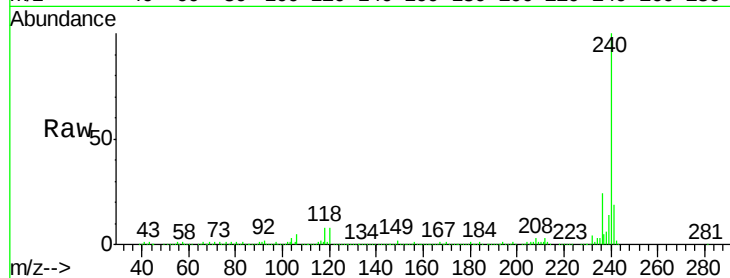
Tgt Ion:240 Resp: 548626

Ion Ratio Lower Upper

240 100

120 8.2 12.9 19.3#

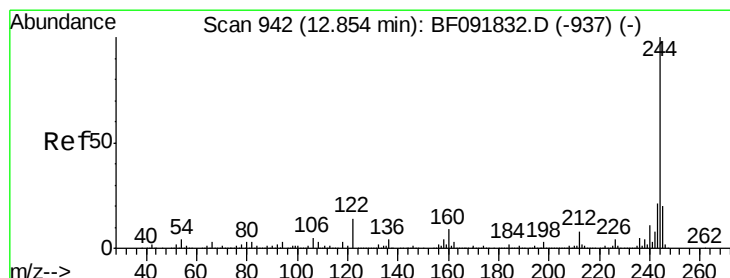
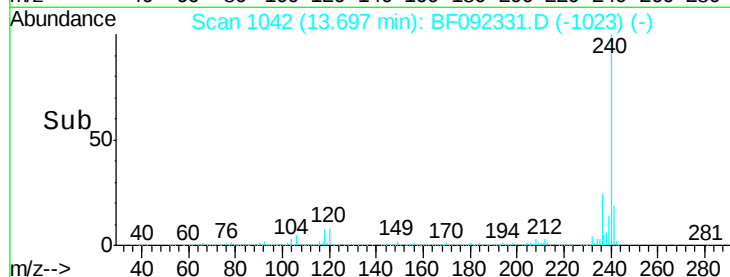
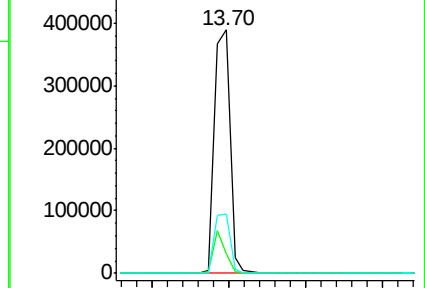
236 24.3 20.9 31.3



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



#78

Terphenyl-d14

Concen: 93.18 ng

RT: 12.66 min Scan# 951

Delta R.T. -0.09 min

Lab File: BF092331.D

Acq: 17 Jan 2017 22:24

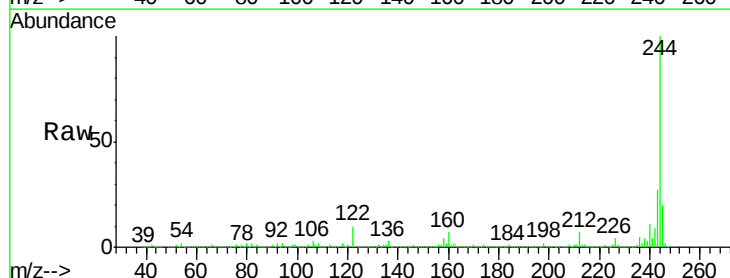
Tgt Ion:244 Resp: 2107919

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

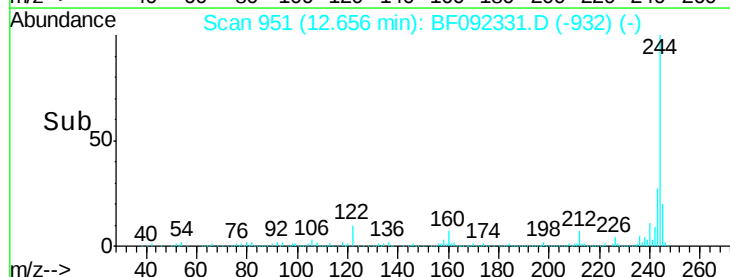
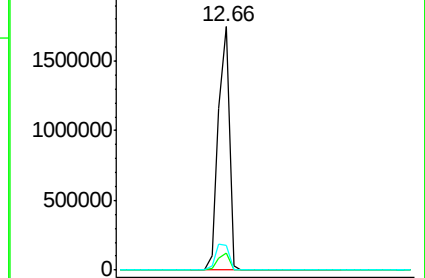
122 10.3 11.4 17.2#

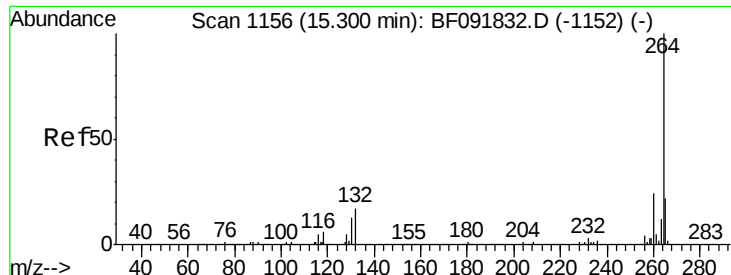


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

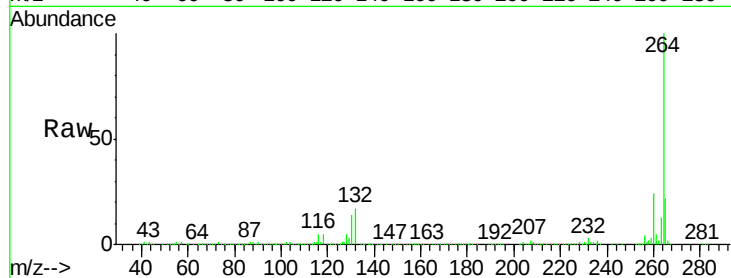




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1160
Delta R.T. -0.10 min
Lab File: BF092331.D
Acq: 17 Jan 2017 22:24

Instrument :
BNA_F
ClientSampleId :
W-09

Tgt Ion: 264 Resp: 427786
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 22.4 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

