

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010517\
 Data File : BF092107.D
 Acq On : 5 Jan 2017 23:42
 Operator : UM/SJ
 Sample : PB95751BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BL

Quant Time: Jan 06 00:07:49 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

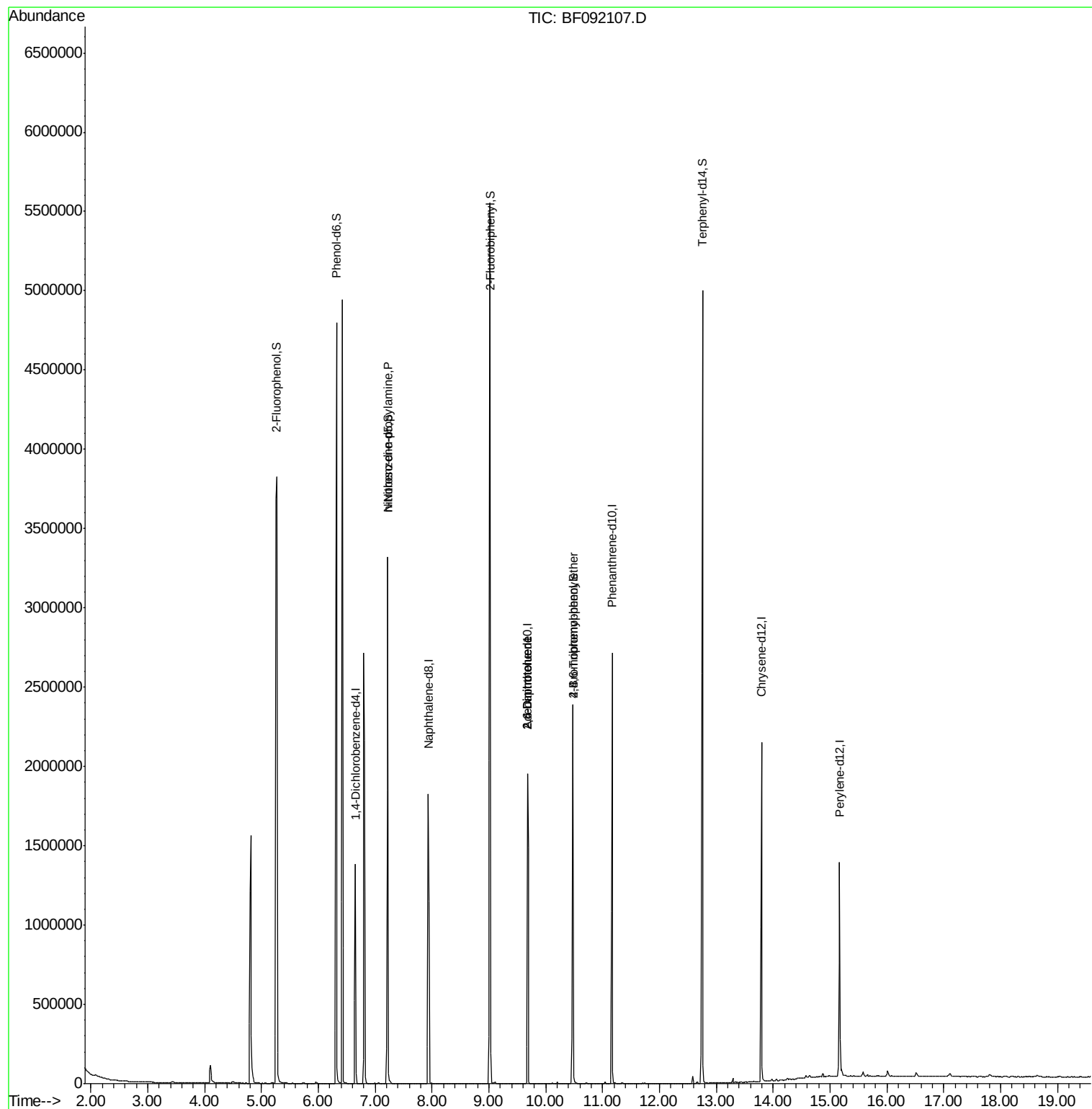
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	225437	20.00	ng	-0.05
21) Naphthalene-d8	7.93	136	1124519	20.00	ng	-0.06
38) Acenaphthene-d10	9.68	164	605857	20.00	ng	-0.07
63) Phenanthrene-d10	11.17	188	1072803	20.00	ng	-0.06
75) Chrysene-d12	13.80	240	829173	20.00	ng	-0.07
86) Perylene-d12	15.17	264	607904	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1654252	122.52	ng	-0.05
7) Phenol-d6	6.32	99	2053079	124.55	ng	-0.06
23) Nitrobenzene-d5	7.22	82	1353325	66.92	ng	-0.06
41) 2,4,6-Tribromophenol	10.48	330	462312	92.21	ng	-0.06
44) 2-Fluorobiphenyl	9.02	172	1844437	58.33	ng	-0.06
78) Terphenyl-d14	12.76	244	1764862	51.62	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.22	70	174620	15.92	ng	# 74
50) 2,6-Dinitrotoluene	9.68	165	78834	9.29	ng	# 30
56) 2,4-Dinitrotoluene	9.68	165	78839	7.41	ng	# 20
66) 4-Bromophenyl-phenylether	10.48	248	28738	2.58	ng	# 1
71) Anthracene	11.17	178	313	Below Cal		# 1
73) Di-n-butylphthalate	11.74	149	2147	Below Cal		# 76

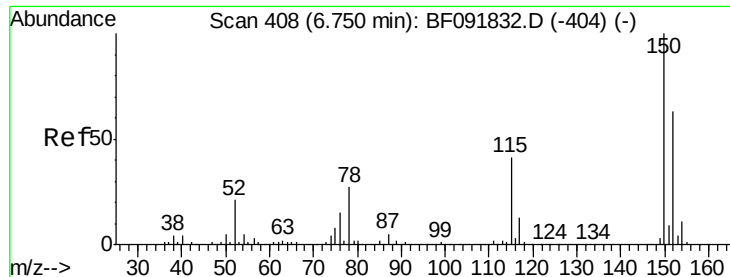
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF092107.D

Acq: 5 Jan 2017 23:42

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ClientSampleId :

PB95751BL

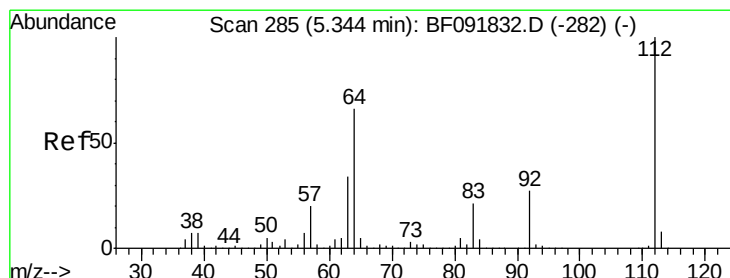
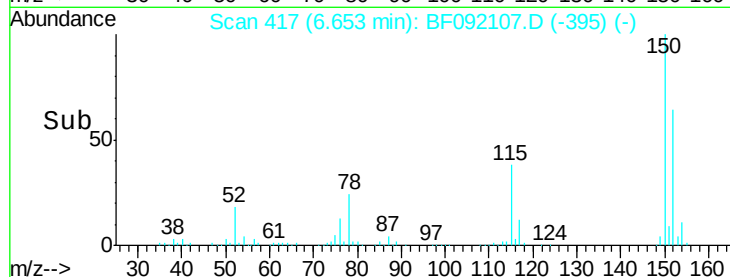
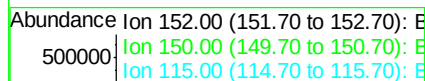
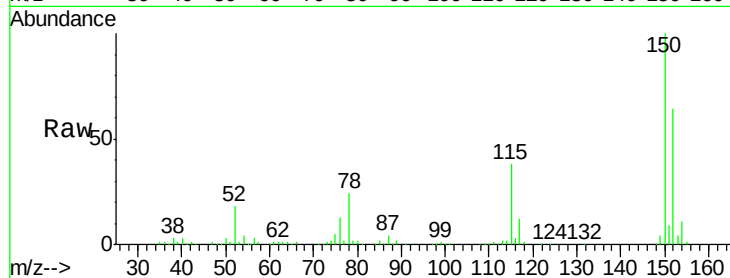
Tgt Ion:152 Resp: 225437

Ion Ratio Lower Upper

152 100

150 156.2 124.9 187.3

115 58.7 46.0 69.0



#5

2-Fluorophenol

Concen: 122.52 ng

RT: 5.27 min Scan# 296

Delta R.T. -0.05 min

Lab File: BF092107.D

Acq: 5 Jan 2017 23:42

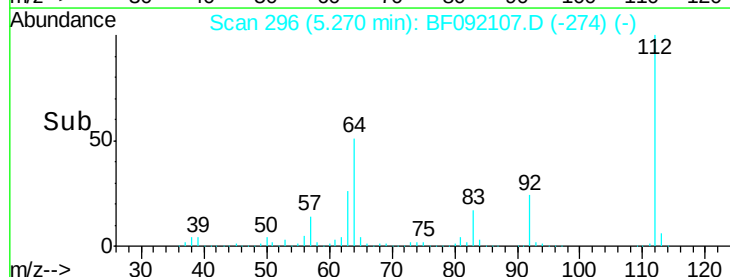
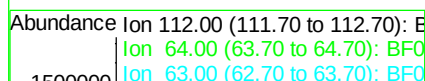
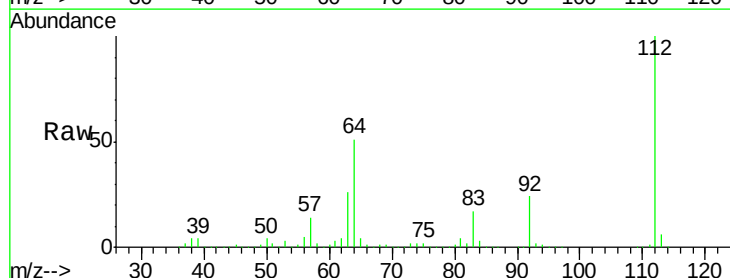
Tgt Ion:112 Resp: 1654252

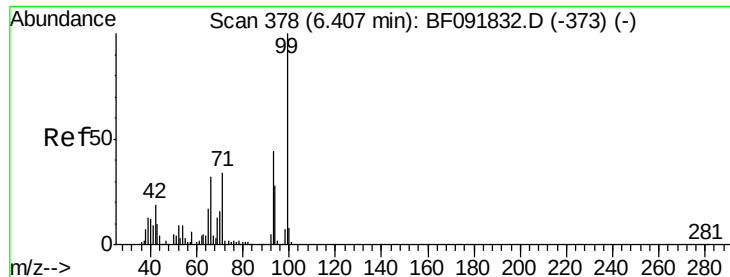
Ion Ratio Lower Upper

112 100

64 51.4 46.1 69.1

63 25.7 23.8 35.6





#7

Phenol-d6

Concen: 124.55 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.06 min

Lab File: BF092107.D

Acq: 5 Jan 2017 23:42

Instrument :

BNA_F

ClientSampleId :

PB95751BL

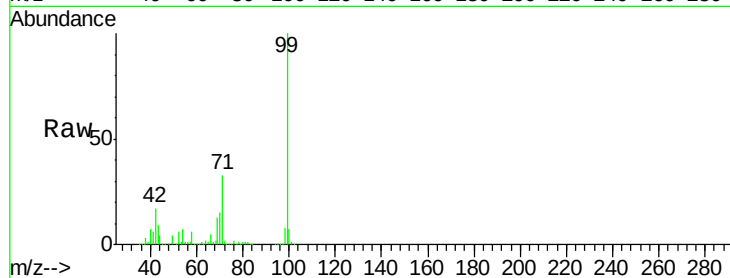
Tgt Ion: 99 Resp: 2053079

Ion Ratio Lower Upper

99 100

42 17.2 15.6 23.4

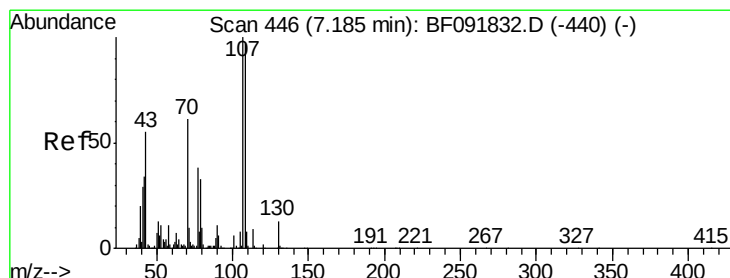
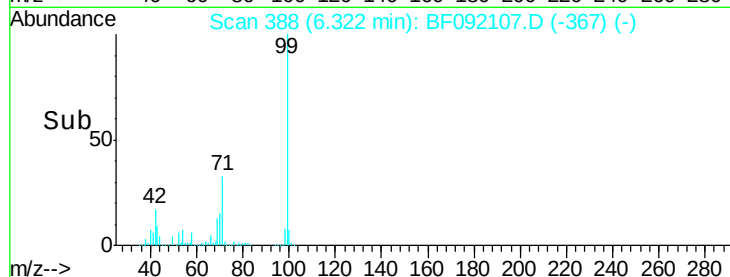
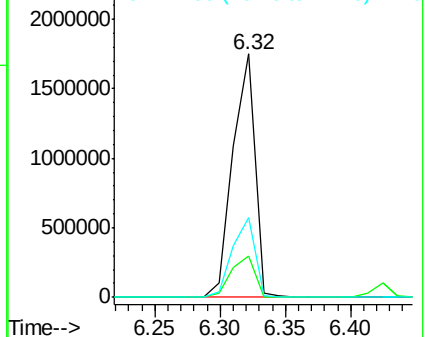
71 32.7 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.92 ng

RT: 7.22 min Scan# 467

Delta R.T. 0.09 min

Lab File: BF092107.D

Acq: 5 Jan 2017 23:42

Tgt Ion: 70 Resp: 174620

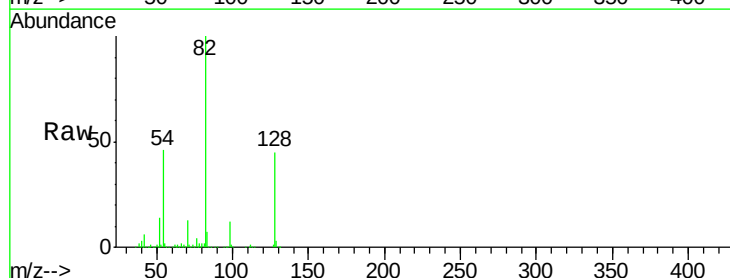
Ion Ratio Lower Upper

70 100

42 43.2 49.4 74.0#

101 0.0 7.4 11.2#

130 2.3 14.2 21.4#

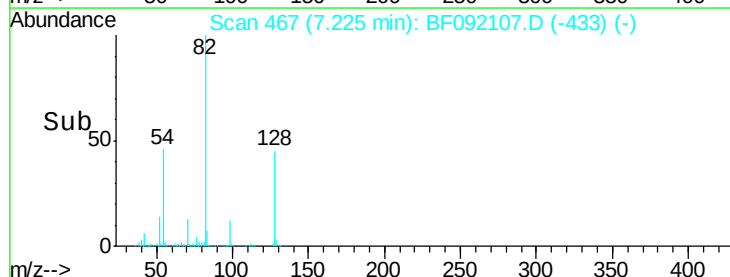
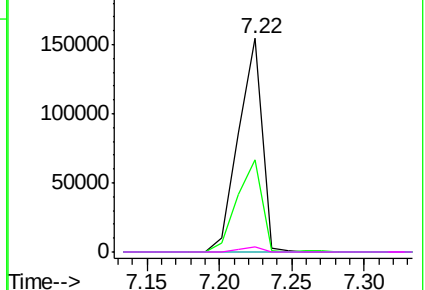


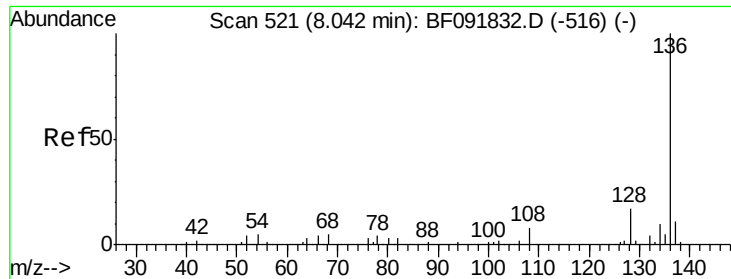
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

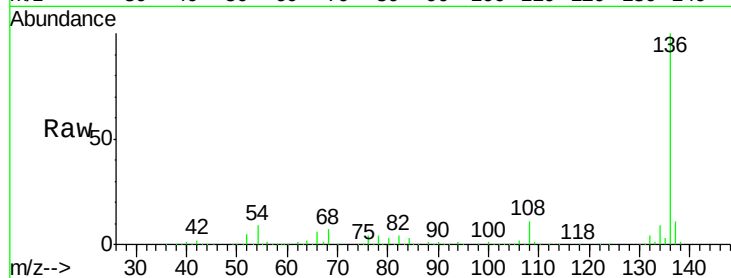




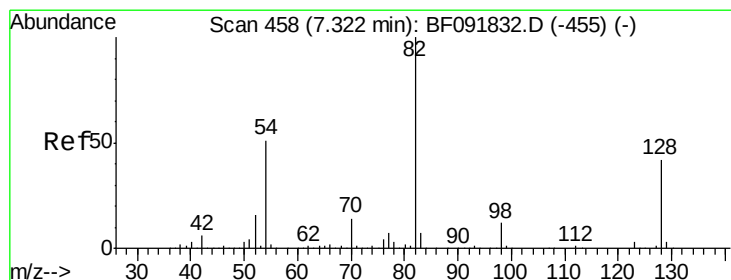
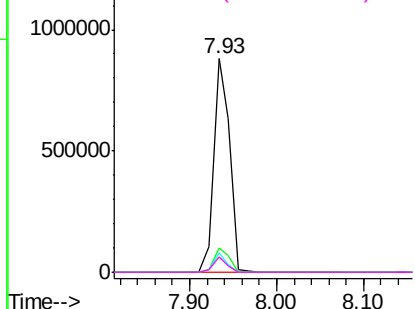
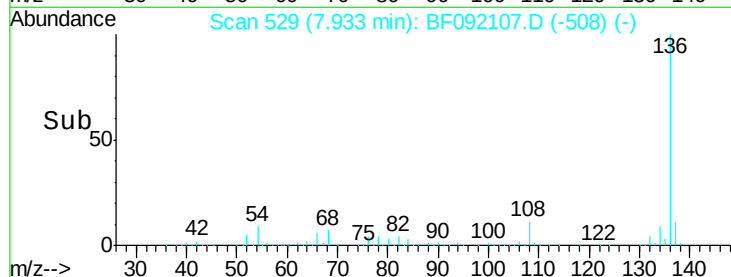
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 529
Delta R.T. -0.06 min
Lab File: BF092107.D
Acq: 5 Jan 2017 23:42

Instrument :
BNA_F
ClientSampleId :
PB95751BL

Tgt Ion:136 Resp: 1124519
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 9.3 4.5 6.7#
68 7.0 3.6 5.4#

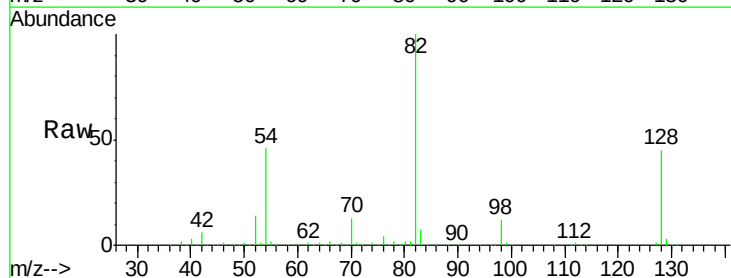


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

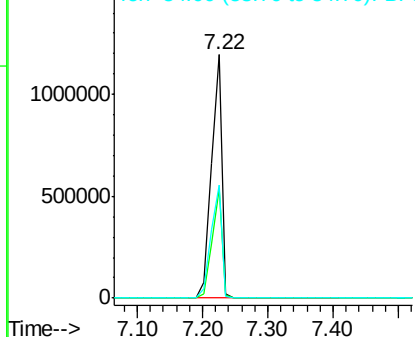
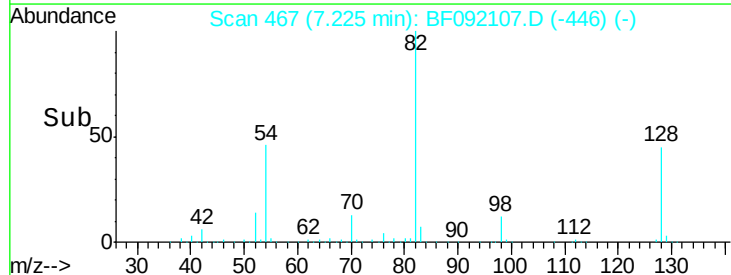


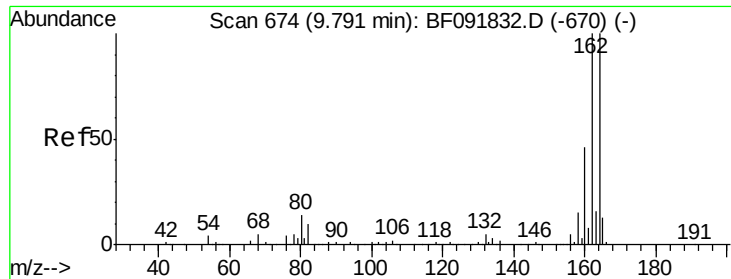
#23
Nitrobenzene-d5
Concen: 66.92 ng
RT: 7.22 min Scan# 467
Delta R.T. -0.06 min
Lab File: BF092107.D
Acq: 5 Jan 2017 23:42

Tgt Ion: 82 Resp: 1353325
Ion Ratio Lower Upper
82 100
128 45.1 34.6 52.0
54 46.4 39.5 59.3



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

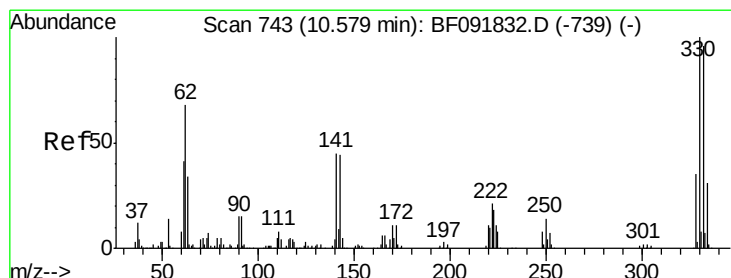
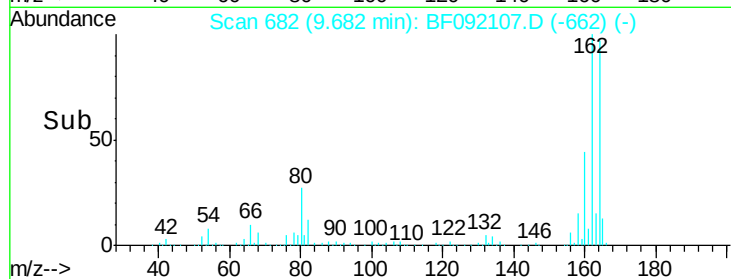
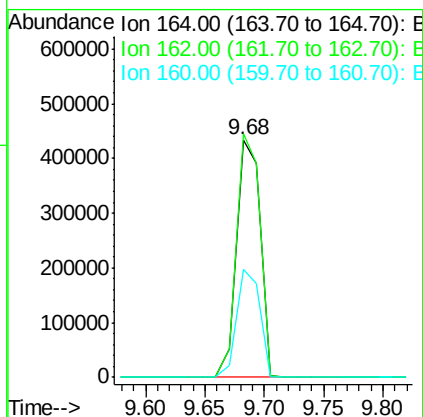
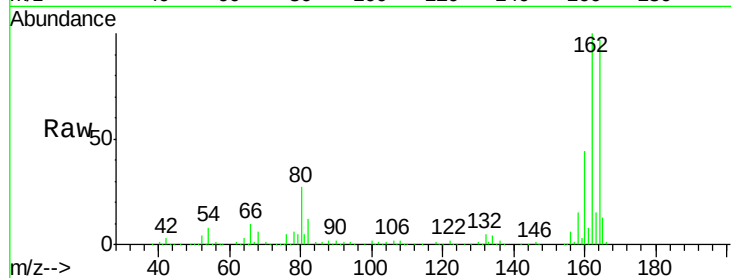




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 682
Delta R.T. -0.07 min
Lab File: BF092107.D
Acq: 5 Jan 2017 23:42

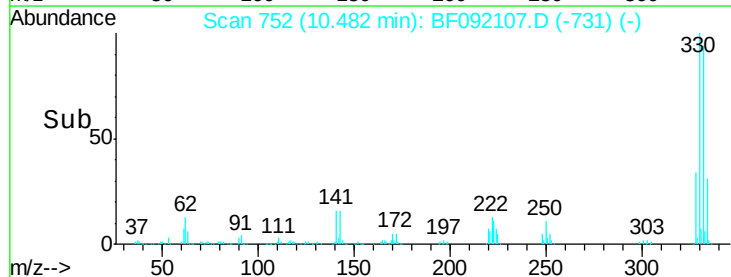
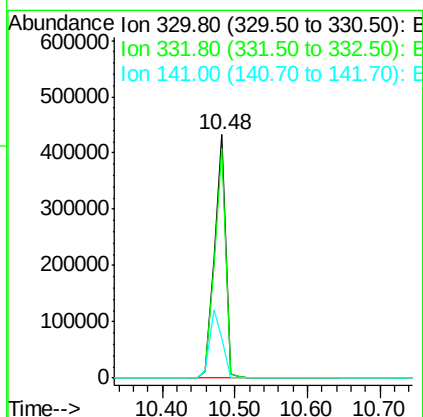
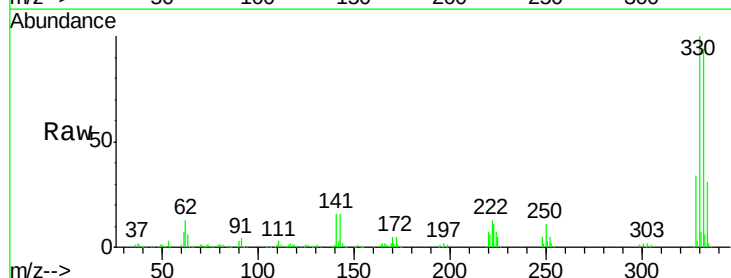
Instrument :
BNA_F
ClientSampleId :
PB95751BL

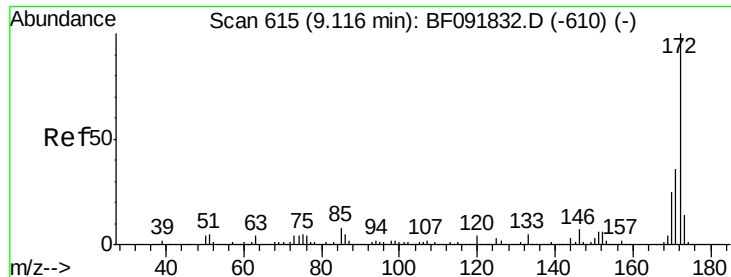
Tgt Ion:164 Resp: 605857
Ion Ratio Lower Upper
164 100
162 102.6 80.2 120.2
160 45.3 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 92.21 ng
RT: 10.48 min Scan# 752
Delta R.T. -0.06 min
Lab File: BF092107.D
Acq: 5 Jan 2017 23:42

Tgt Ion:330 Resp: 462312
Ion Ratio Lower Upper
330 100
332 94.3 77.4 116.2
141 31.2 34.1 51.1#

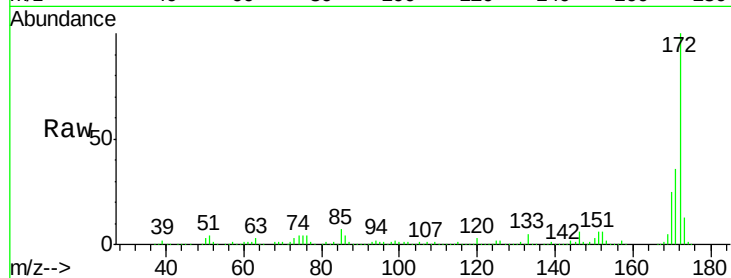




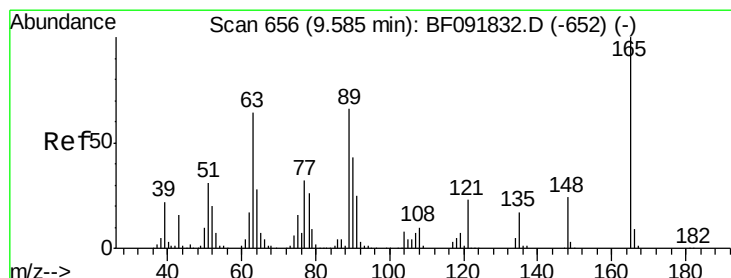
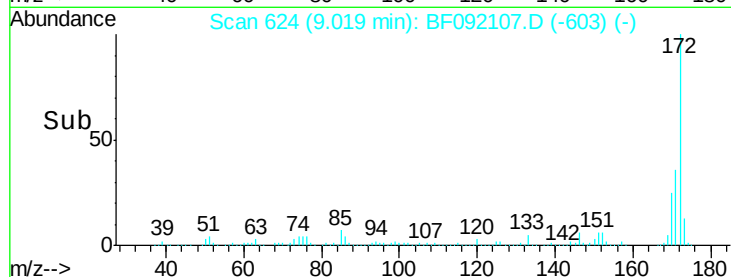
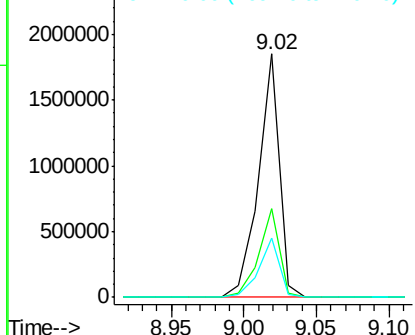
#44
 2-Fluorobiphenyl
 Concen: 58.33 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.06 min
 Lab File: BF092107.D
 Acq: 5 Jan 2017 23:42

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BL

Tgt Ion:172 Resp: 1844437
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.6 20.2 30.4

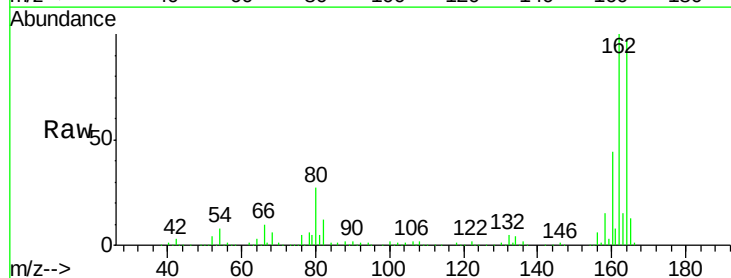


Abundance Ion 172.00 (171.70 to 172.70): E
 2500000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

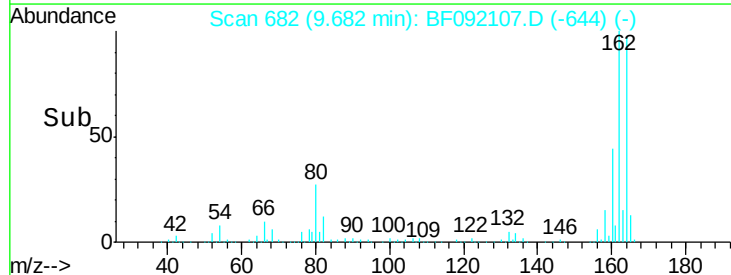
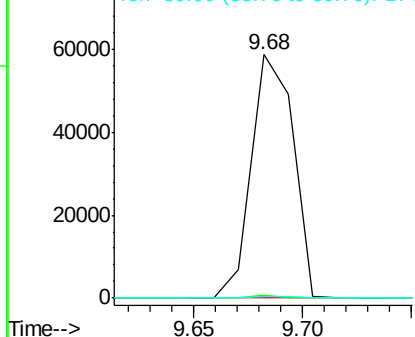


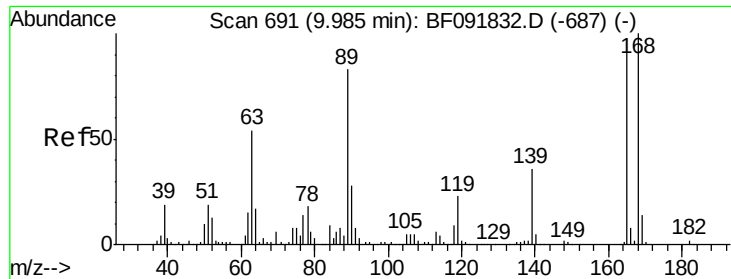
#50
 2,6-Dinitrotoluene
 Concen: 9.29 ng
 RT: 9.68 min Scan# 682
 Delta R.T. 0.13 min
 Lab File: BF092107.D
 Acq: 5 Jan 2017 23:42

Tgt Ion:165 Resp: 78834
 Ion Ratio Lower Upper
 165 100
 63 1.1 36.2 54.4#
 89 1.0 40.2 60.4#



Abundance Ion 165.00 (164.70 to 165.70): E
 80000
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

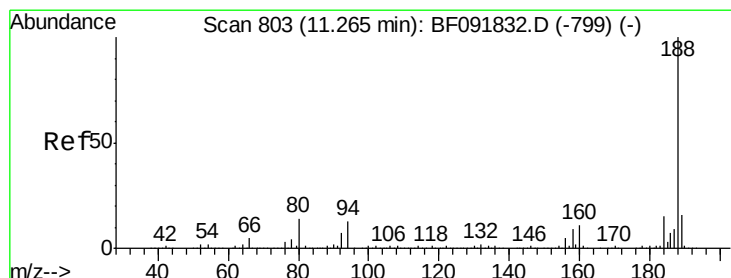
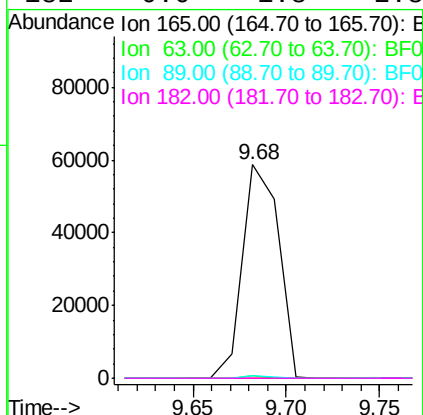
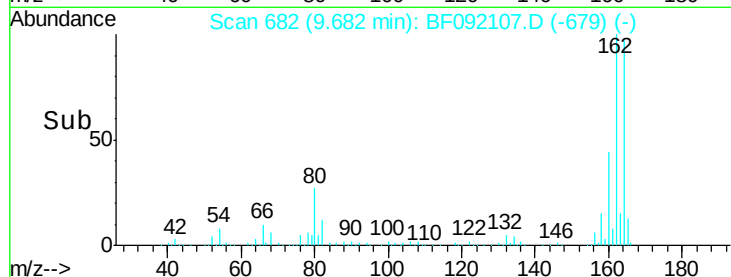
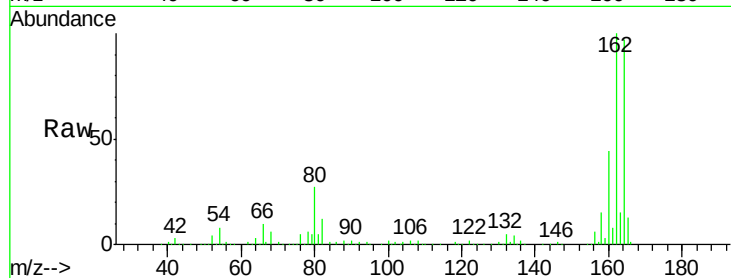




#56
2,4-Dinitrotoluene
Concen: 7.41 ng
RT: 9.68 min Scan# 682
Delta R.T. -0.27 min
Lab File: BF092107.D
Acq: 5 Jan 2017 23:42

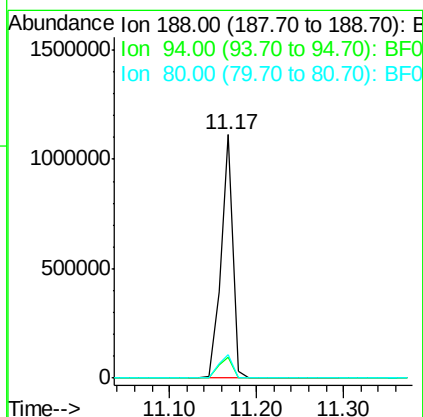
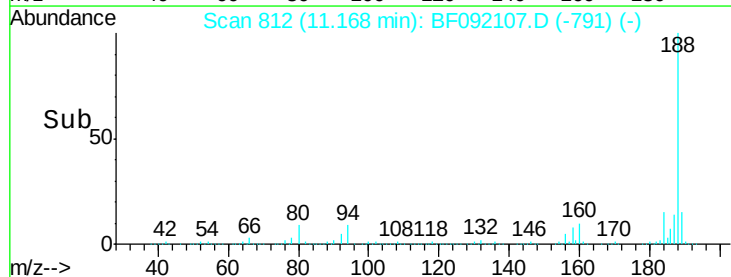
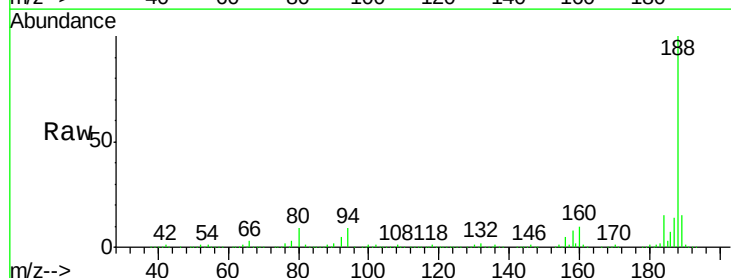
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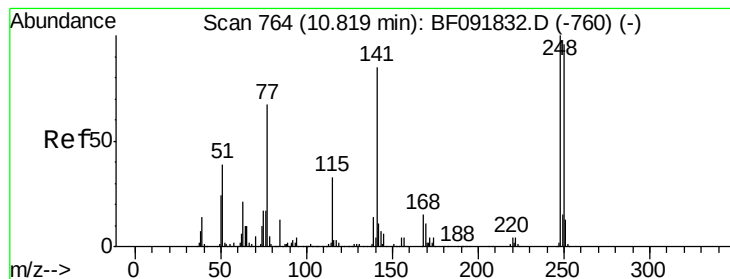
Tgt Ion:165 Resp: 78839
Ion Ratio Lower Upper
165 100
63 1.1 40.2 60.4#
89 1.0 62.5 93.7#
182 0.0 1.8 2.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF092107.D
Acq: 5 Jan 2017 23:42

Tgt Ion:188 Resp: 1072803
Ion Ratio Lower Upper
188 100
94 8.7 10.0 15.0#
80 9.5 11.2 16.8#





#66

4-Bromophenyl-phenylether

Concen: 2.58 ng

RT: 10.48 min Scan# 752

Delta R.T. -0.30 min

Lab File: BF092107.D

Acq: 5 Jan 2017 23:42

Instrument :

BNA_F

ClientSampleId :

PB95751BL

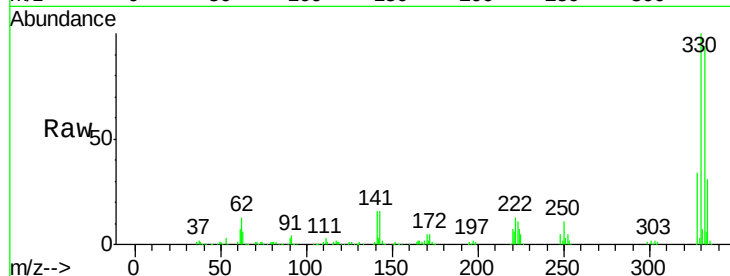
Tgt Ion:248 Resp: 28738

Ion Ratio Lower Upper

248 100

250 208.2 76.9 115.3#

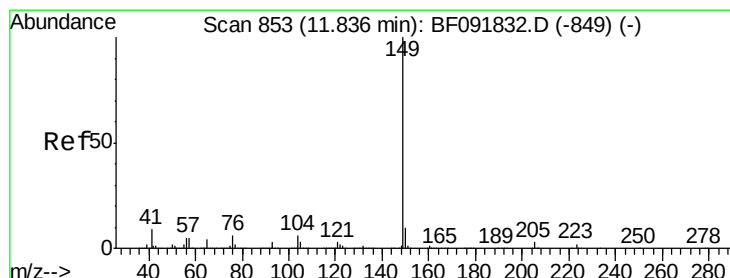
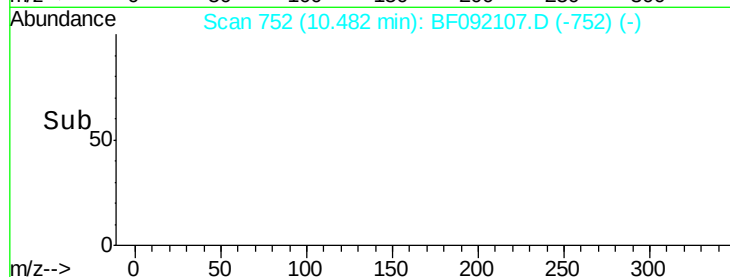
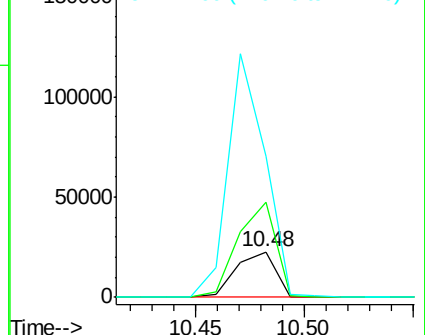
141 310.1 68.2 102.4#



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: 11.74 min Scan# 862

Delta R.T. -0.06 min

Lab File: BF092107.D

Acq: 5 Jan 2017 23:42

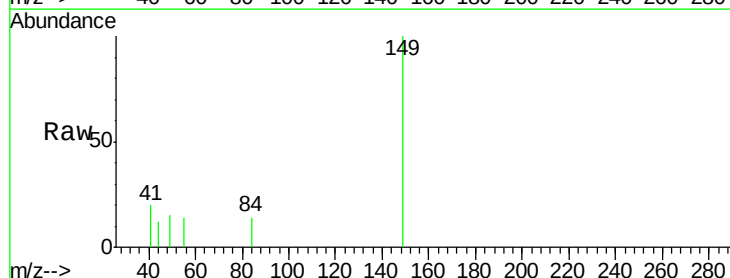
Tgt Ion:149 Resp: 2147

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

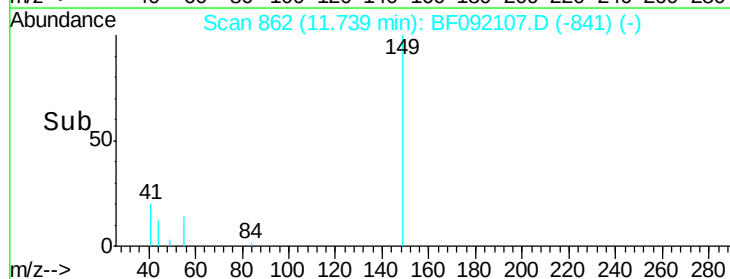
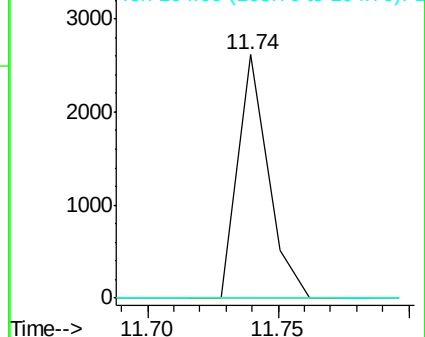
104 0.0 4.6 7.0#

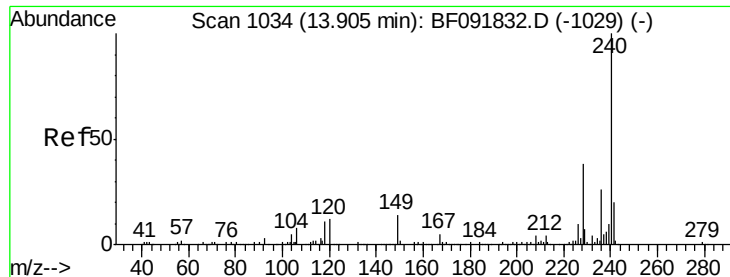


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1042

Delta R.T. -0.07 min

Lab File: BF092107.D

Acq: 5 Jan 2017 23:42

Instrument :

BNA_F

ClientSampleId :

PB95751BL

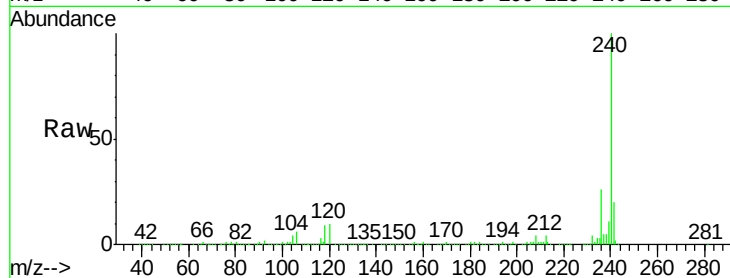
Tgt Ion:240 Resp: 829173

Ion Ratio Lower Upper

240 100

120 9.7 12.9 19.3#

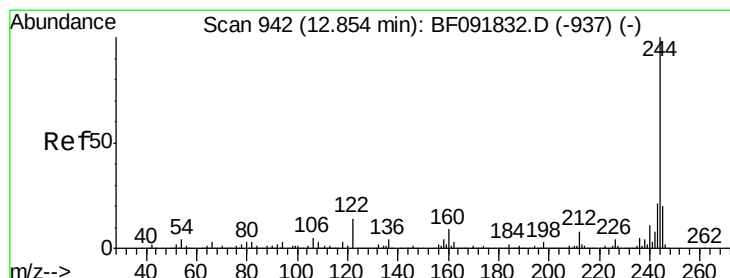
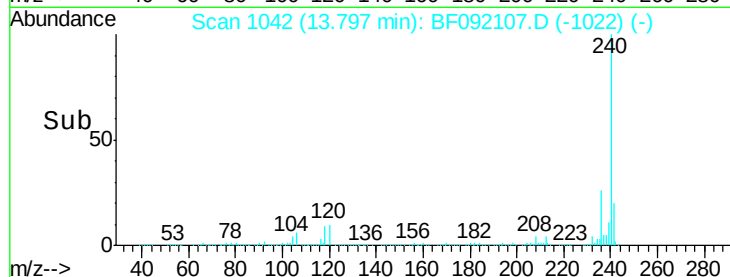
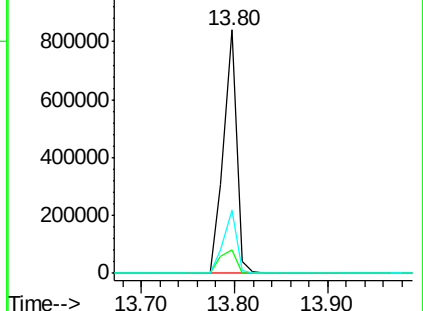
236 25.8 20.9 31.3



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: 51.62 ng

RT: 12.76 min Scan# 951

Delta R.T. -0.06 min

Lab File: BF092107.D

Acq: 5 Jan 2017 23:42

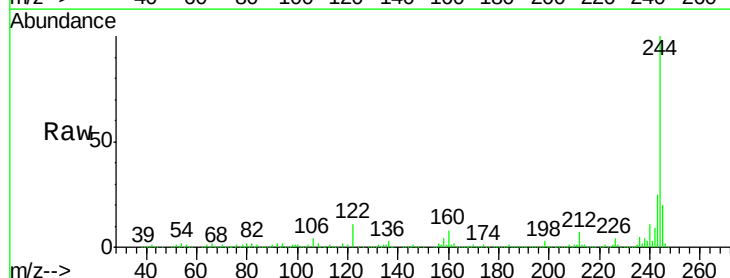
Tgt Ion:244 Resp: 1764862

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

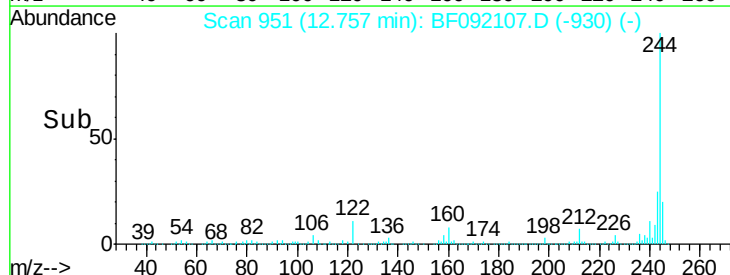
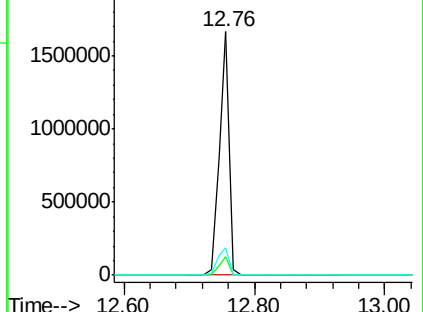
122 11.4 11.4 17.2#

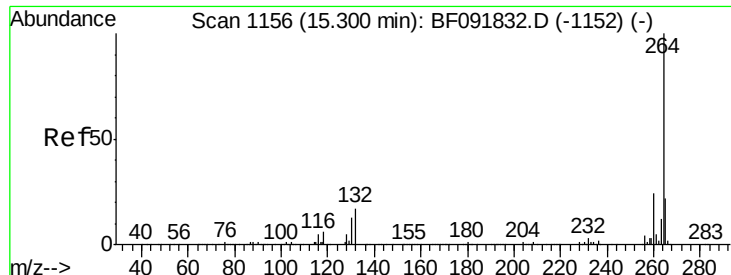


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

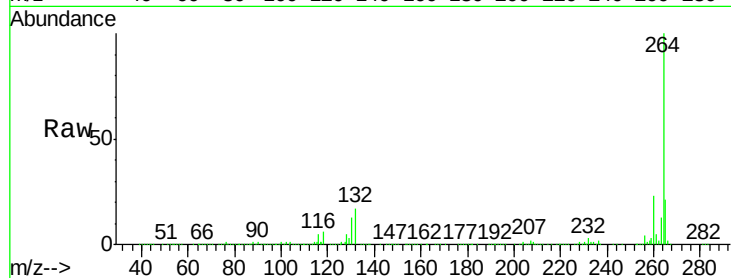




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1162
Delta R.T. -0.09 min
Lab File: BF092107.D
Acq: 5 Jan 2017 23:42

Instrument :
BNA_F
ClientSampleId :
PB95751BL

Tgt Ion: 264 Resp: 607904
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.1 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

