

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050517\
 Data File : BF094921.D
 Acq On : 5 May 2017 17:28
 Operator : SJ/MA
 Sample : I2916-10
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RINSATEBLANK

Quant Time: May 05 17:56:06 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

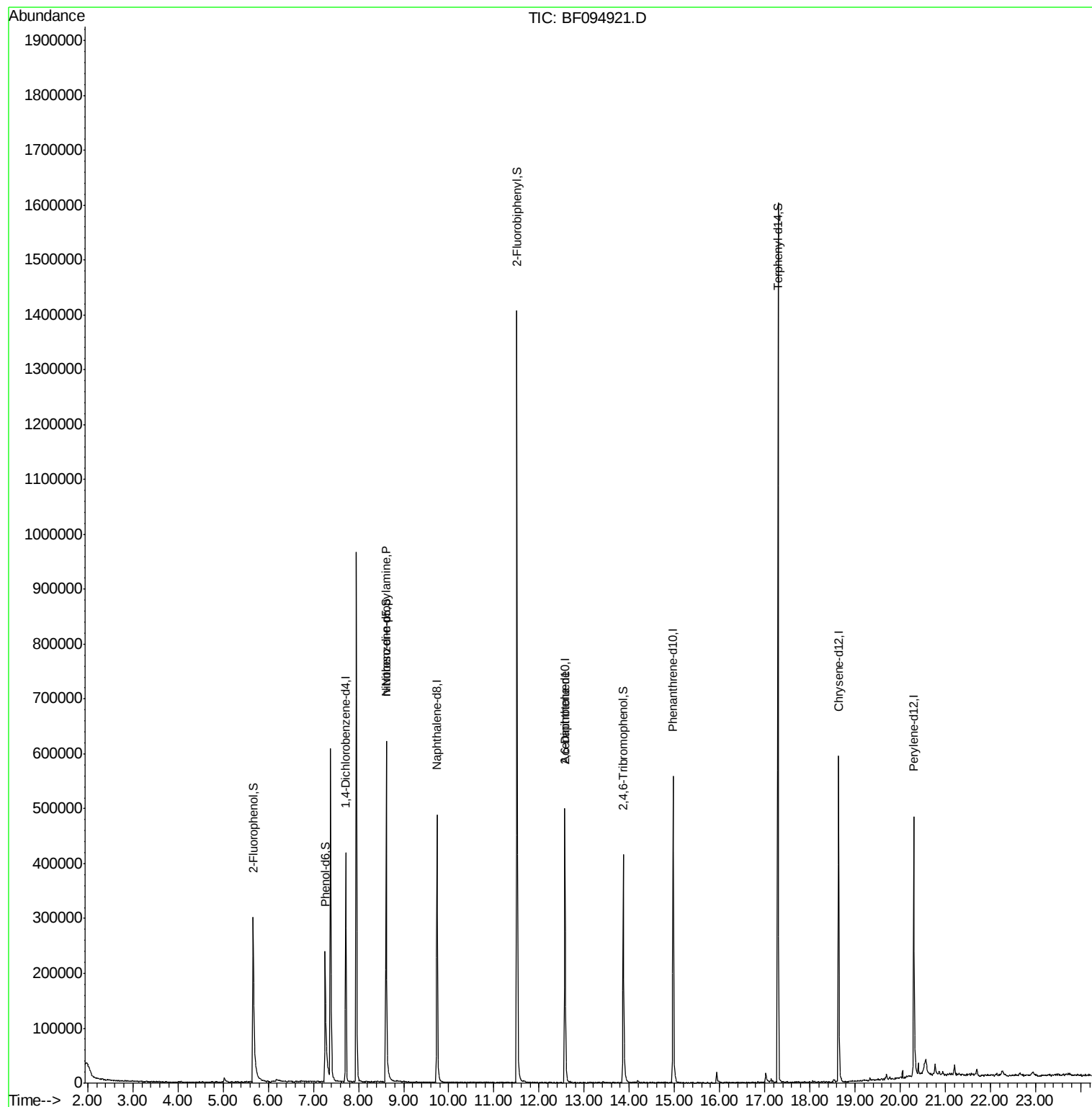
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	87169	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	359168	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	167946	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	318610	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	262507	20.00	ng	-0.02
86) Perylene-d12	20.30	264	221834	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	199693	38.19	ng	-0.01
7) Phenol-d6	7.26	99	204242	32.56	ng	-0.02
23) Nitrobenzene-d5	8.61	82	298851	52.47	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	78634	57.17	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	635431	54.46	ng	-0.02
78) Terphenyl-d14	17.29	244	586430	49.20	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.61	70	36781	8.67	ng	# 81
50) 2,6-Dinitrotoluene	12.57	165	16122	5.73	ng	# 31

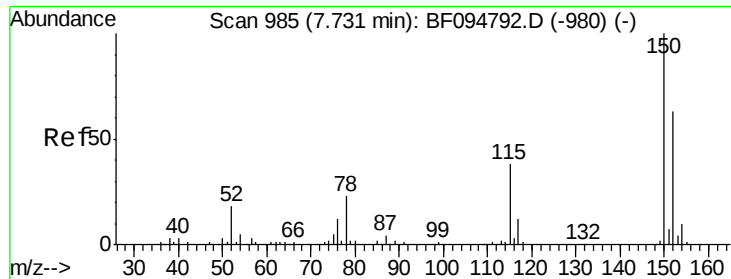
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF094921.D

Acq: 5 May 2017 17:28

Instrument :

BNA_F

ClientSampleId :

RINSATEBLANK

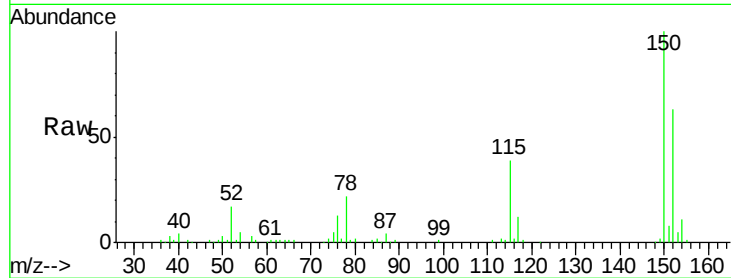
Tgt Ion:152 Resp: 87169

Ion Ratio Lower Upper

152 100

150 158.7 126.2 189.2

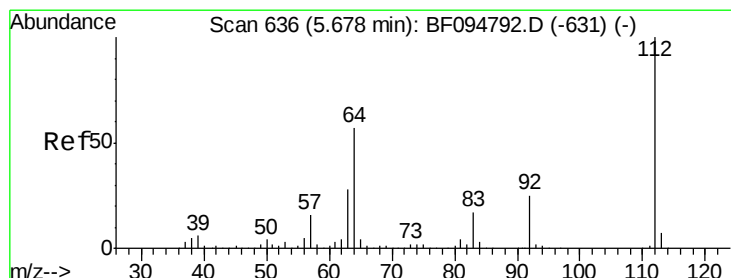
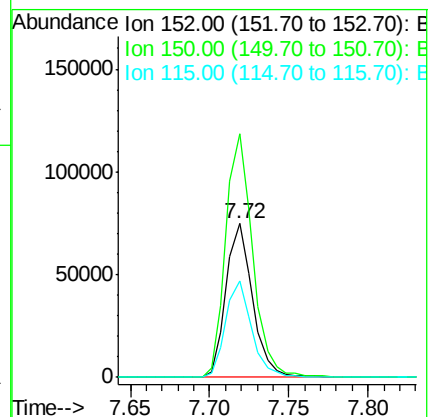
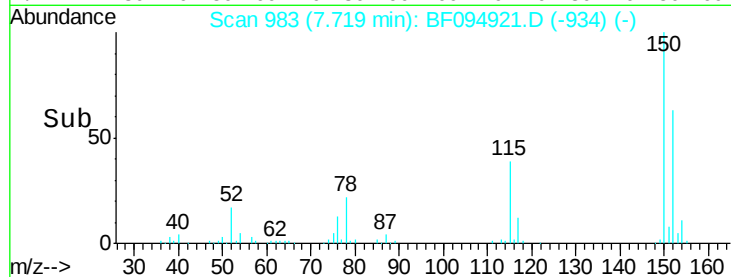
115 62.6 52.2 78.2



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: 38.19 ng

RT: 5.67 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF094921.D

Acq: 5 May 2017 17:28

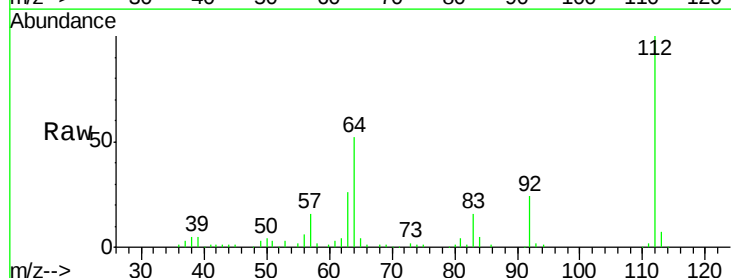
Tgt Ion:112 Resp: 199693

Ion Ratio Lower Upper

112 100

64 52.2 46.0 69.0

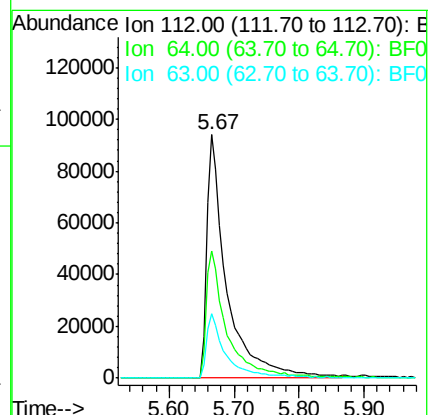
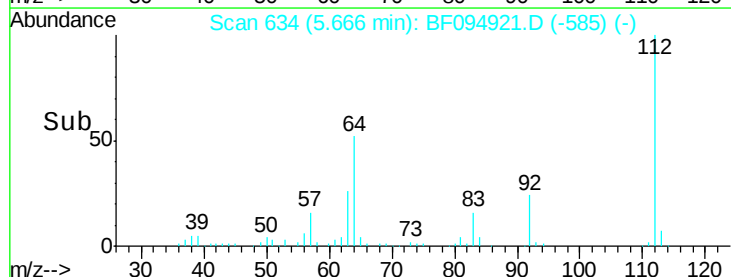
63 26.4 23.4 35.0

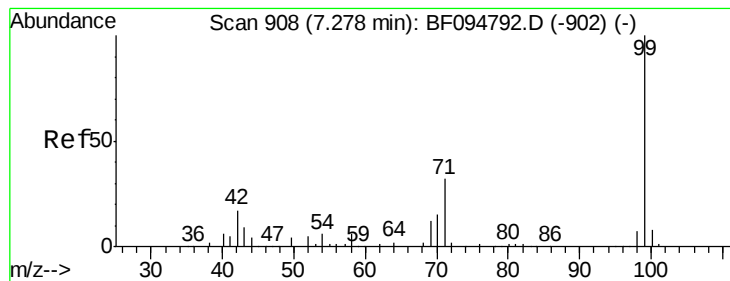


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.56 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094921.D

Acq: 5 May 2017 17:28

Instrument :

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ClientSampleId :

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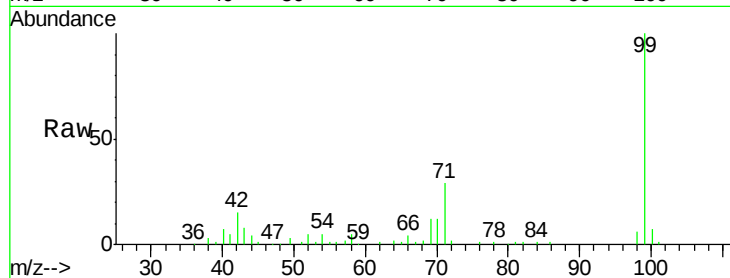
Tgt Ion: 99 Resp: 204242

Ion Ratio Lower Upper

99 100

42 15.1 13.5 20.3

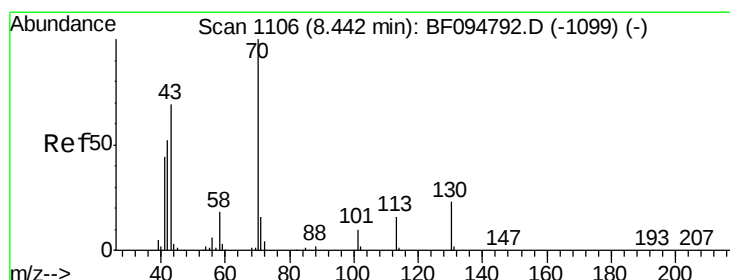
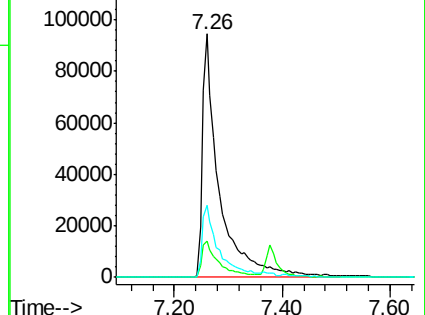
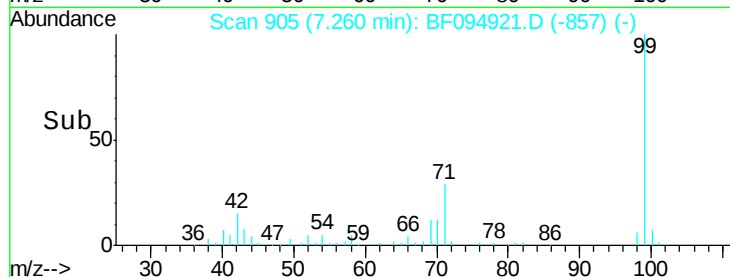
71 29.4 24.5 36.7



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: 8.67 ng

RT: 8.61 min Scan# 1135

Delta R.T. 0.17 min

Lab File: BF094921.D

Acq: 5 May 2017 17:28

Tgt Ion: 70 Resp: 36781

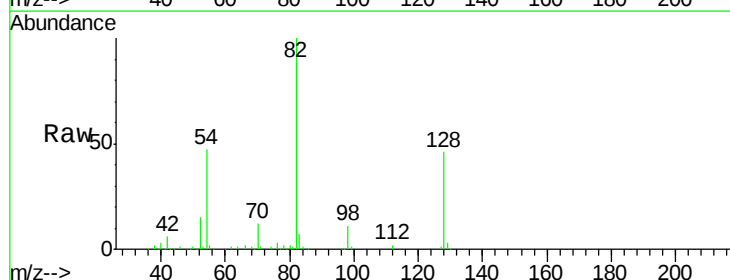
Ion Ratio Lower Upper

70 100

42 50.2 47.2 70.8

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#

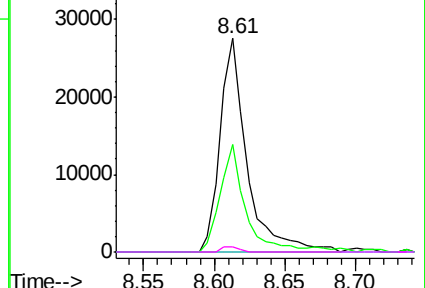
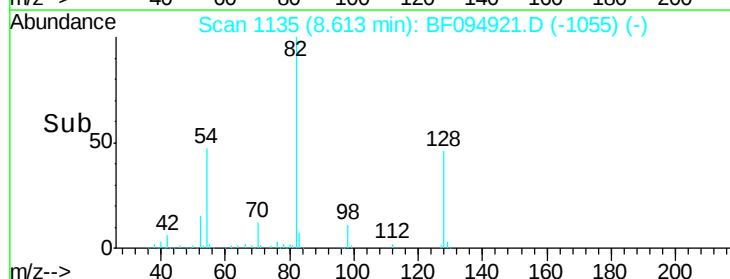


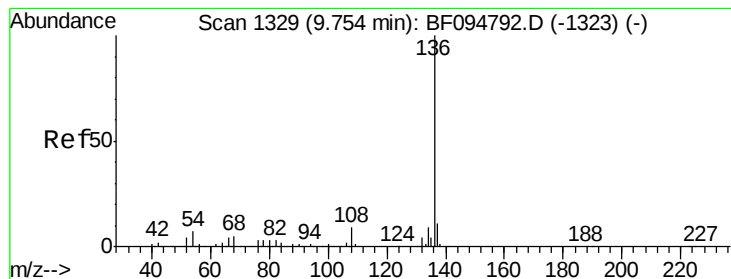
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094921.D

Acq: 5 May 2017 17:28

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:136 Resp: 359168

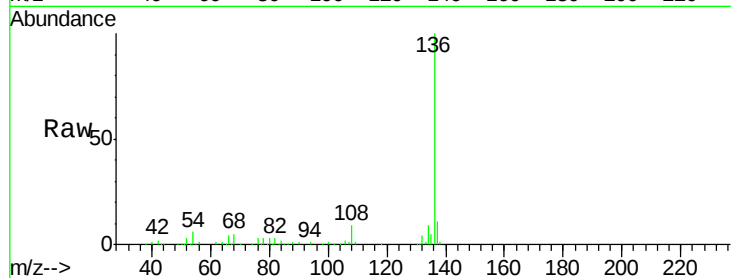
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.4 4.9 7.3

68 5.4 4.1 6.1

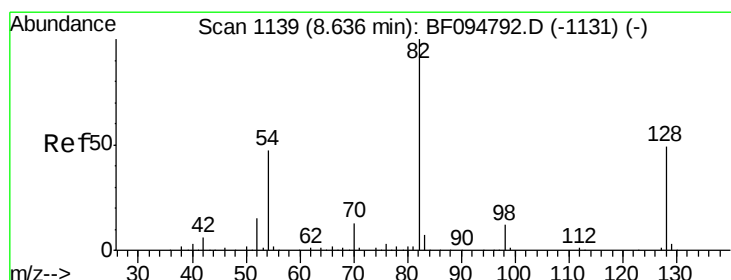
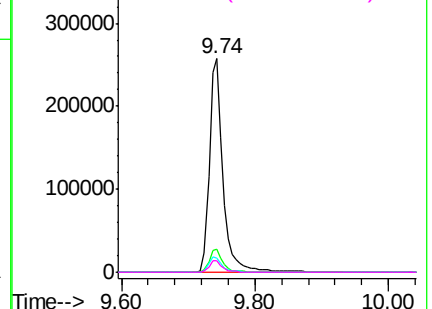
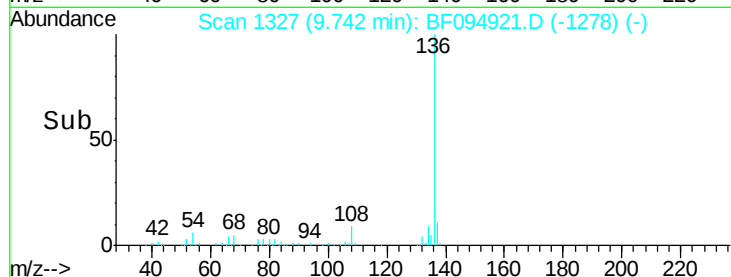


Abundance Ion 136.00 (135.70 to 136.70): E

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: 52.47 ng

RT: 8.61 min Scan# 1135

Delta R.T. -0.02 min

Lab File: BF094921.D

Acq: 5 May 2017 17:28

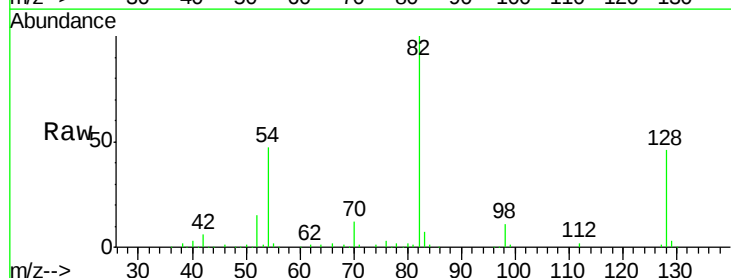
Tgt Ion: 82 Resp: 298851

Ion Ratio Lower Upper

82 100

128 46.4 34.0 51.0

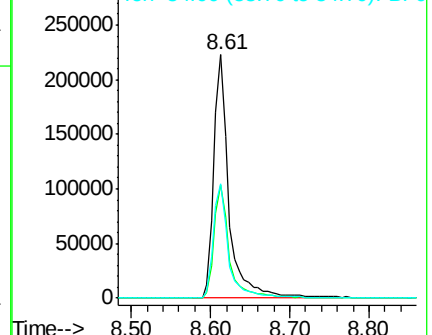
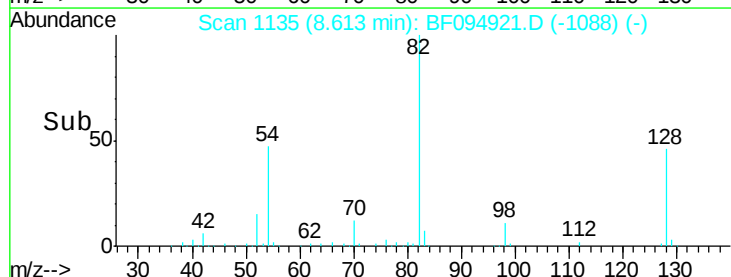
54 46.9 42.2 63.2

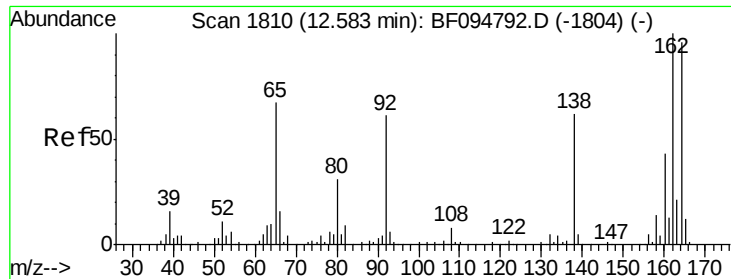


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094921.D

Acq: 5 May 2017 17:28

Instrument :

BNA_F

ClientSampleId :

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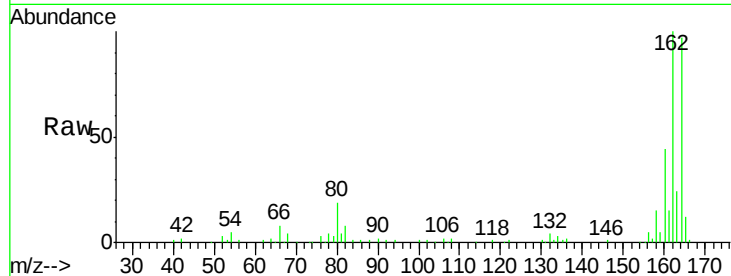
Tgt Ion:164 Resp: 167946

Ion Ratio Lower Upper

164 100

162 102.7 82.6 123.8

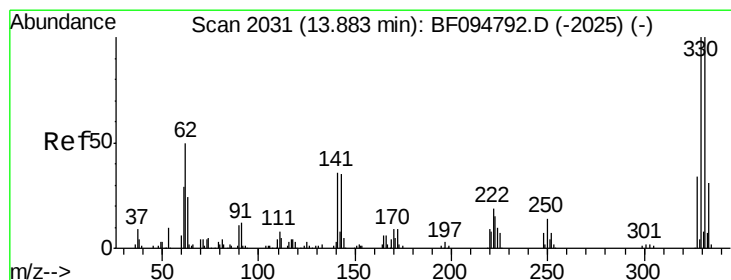
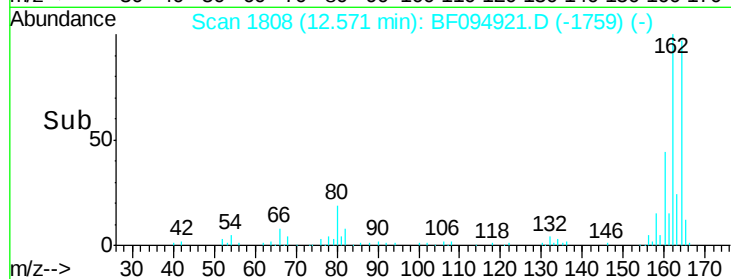
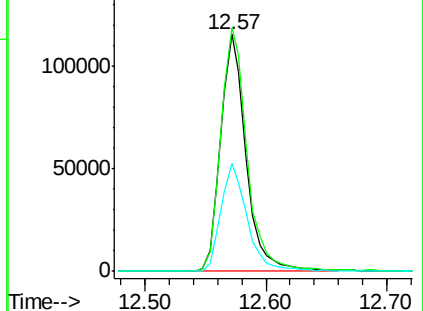
160 45.6 36.2 54.2



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: 57.17 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094921.D

Acq: 5 May 2017 17:28

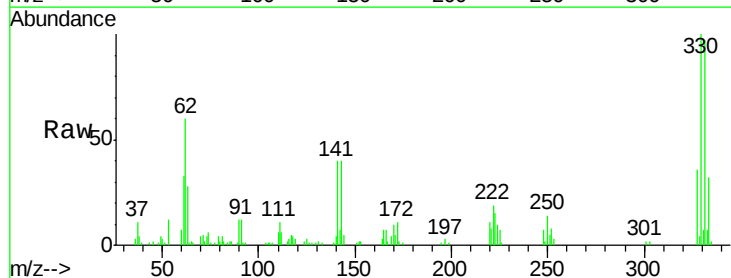
Tgt Ion:330 Resp: 78634

Ion Ratio Lower Upper

330 100

332 97.7 76.6 115.0

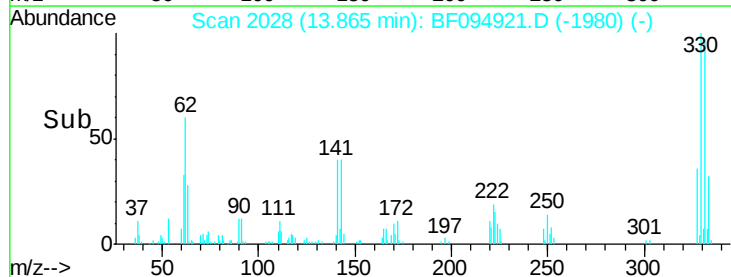
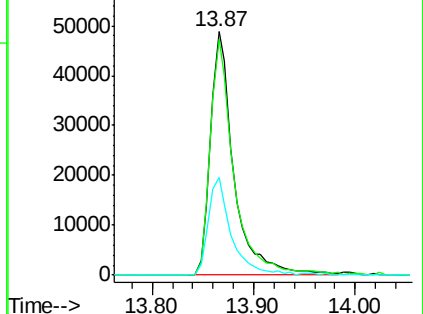
141 39.0 31.4 47.2

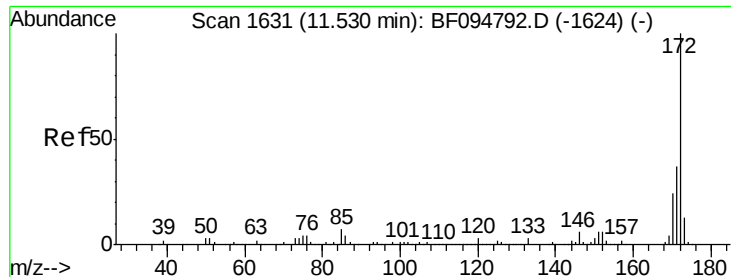


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

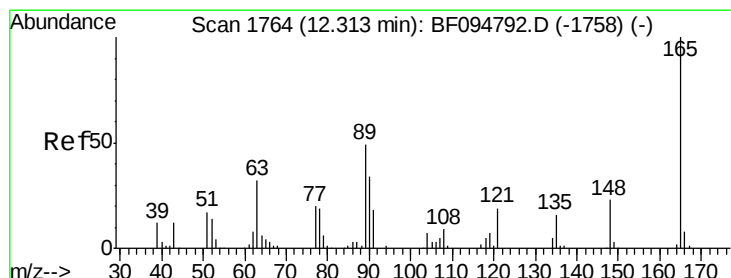
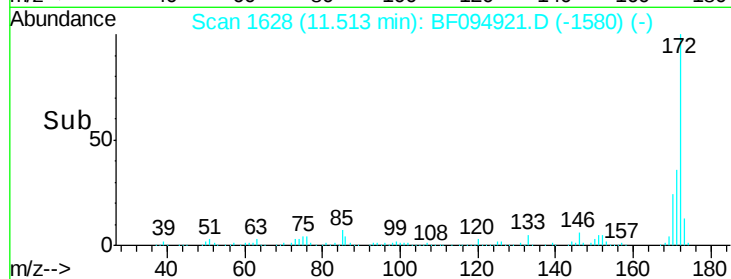
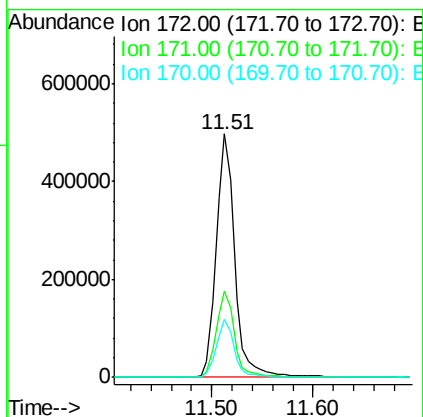
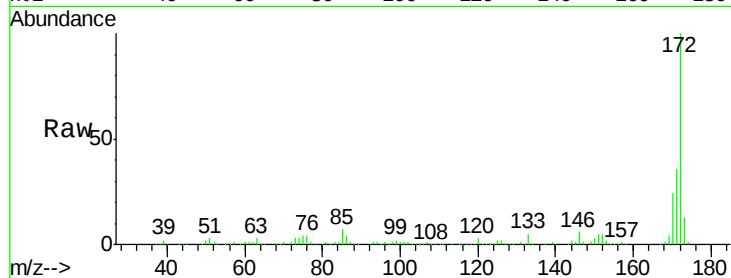




#44
 2-Fluorobiphenyl
 Concen: 54.46 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094921.D
 Acq: 5 May 2017 17:28

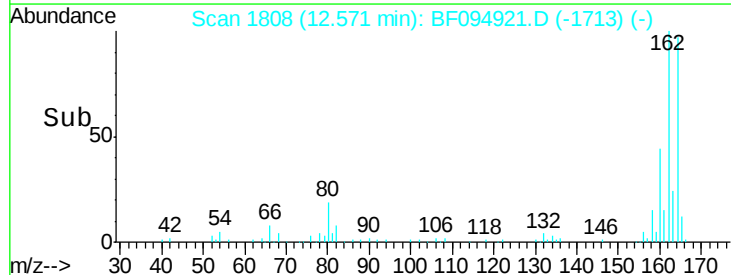
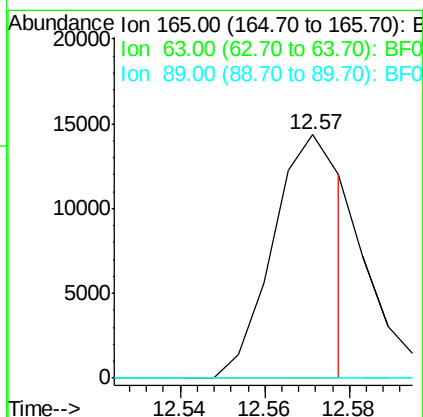
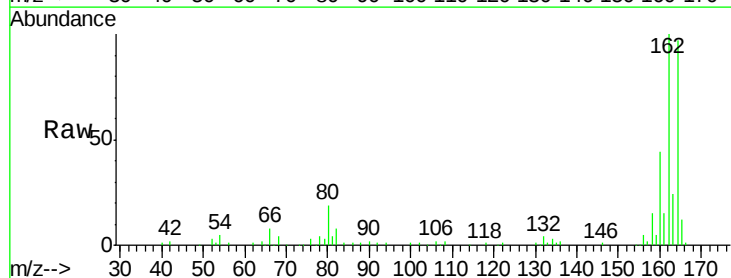
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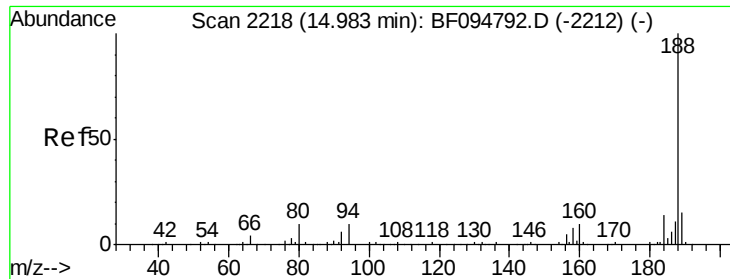
Tgt Ion:172 Resp: 635431
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.6 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 5.73 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. 0.26 min
 Lab File: BF094921.D
 Acq: 5 May 2017 17:28

Tgt Ion:165 Resp: 16122
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

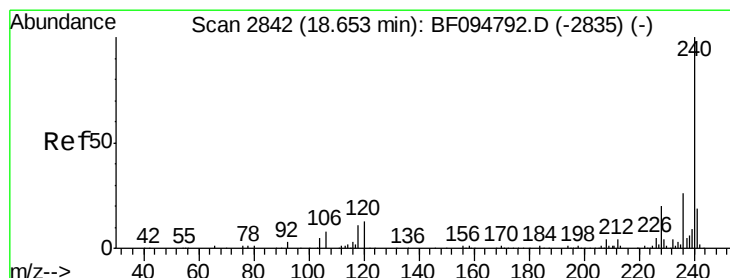
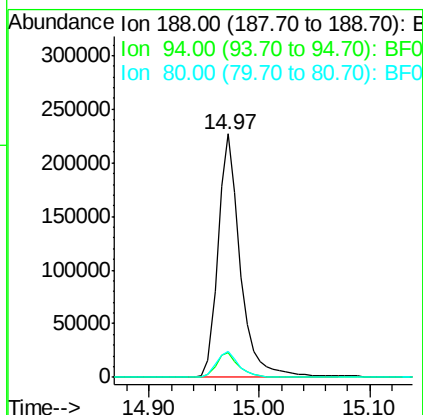
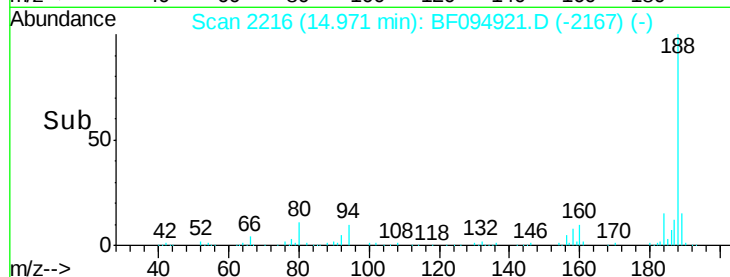
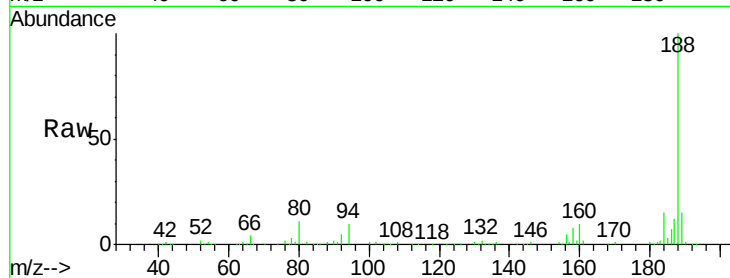




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094921.D
Acq: 5 May 2017 17:28

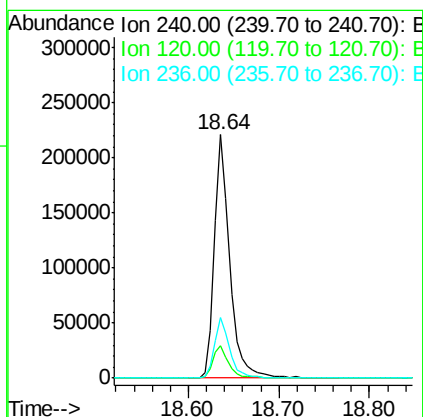
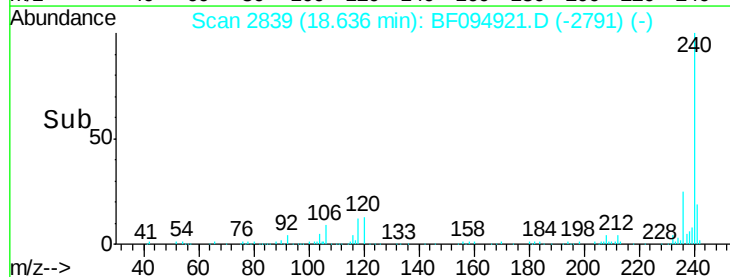
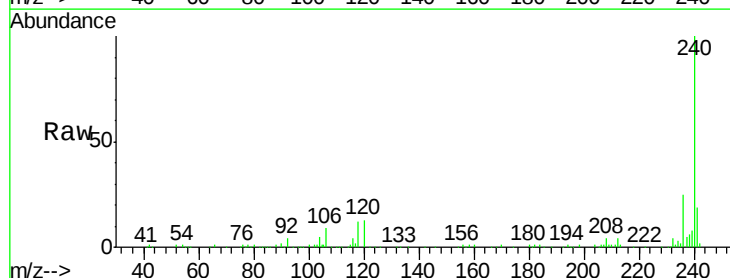
Instrument :
BNA_F
ClientSampleId :
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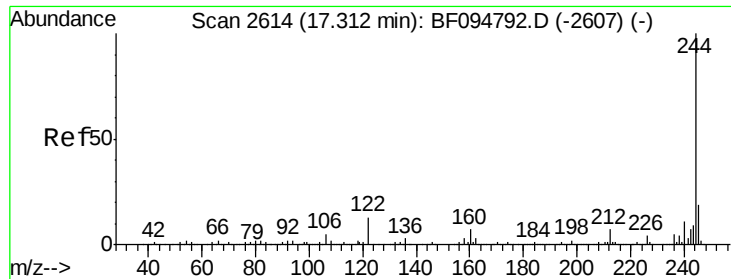
Tgt Ion:188 Resp: 318610
Ion Ratio Lower Upper
188 100
94 9.9 9.4 14.2
80 10.7 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094921.D
Acq: 5 May 2017 17:28

Tgt Ion:240 Resp: 262507
Ion Ratio Lower Upper
240 100
120 13.1 5.8 8.8#
236 24.7 20.5 30.7

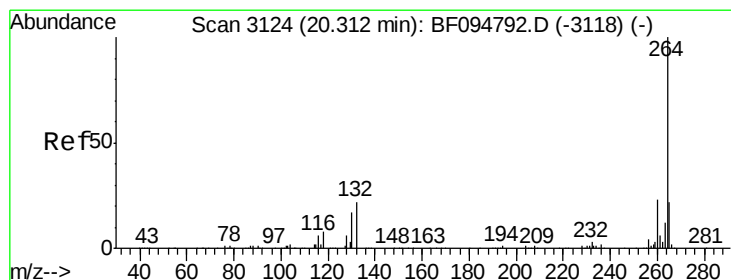
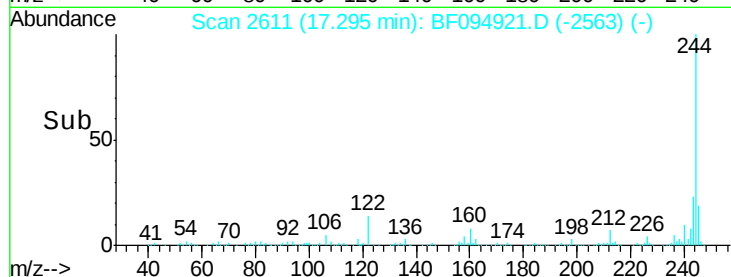
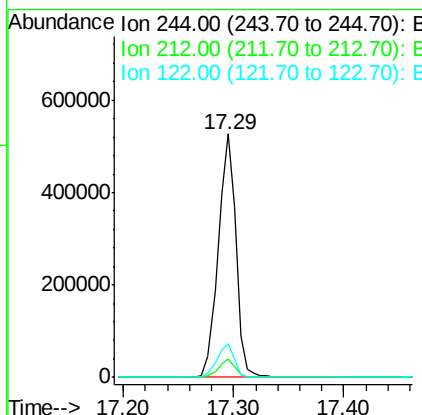
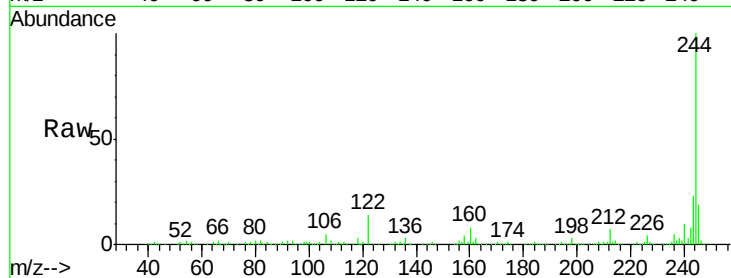




#78
 Terphenyl-d14
 Concen: 49.20 ng
 RT: 17.29 min Scan# 2611
 Delta R.T. -0.02 min
 Lab File: BF094921.D
 Acq: 5 May 2017 17:28

Instrument :
 BNA_F
 ClientSampleId :
 RINSATEBLANK

Tgt Ion:244 Resp: 586430
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094921.D
 Acq: 5 May 2017 17:28

Tgt Ion:264 Resp: 221834
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.5 17.2 25.8

