

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
 Data File : BF090984.D
 Acq On : 2 Nov 2016 17:18
 Operator : UM/SJ
 Sample : H5509-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-87-8.4-16.0

Quant Time: Nov 03 01:11:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

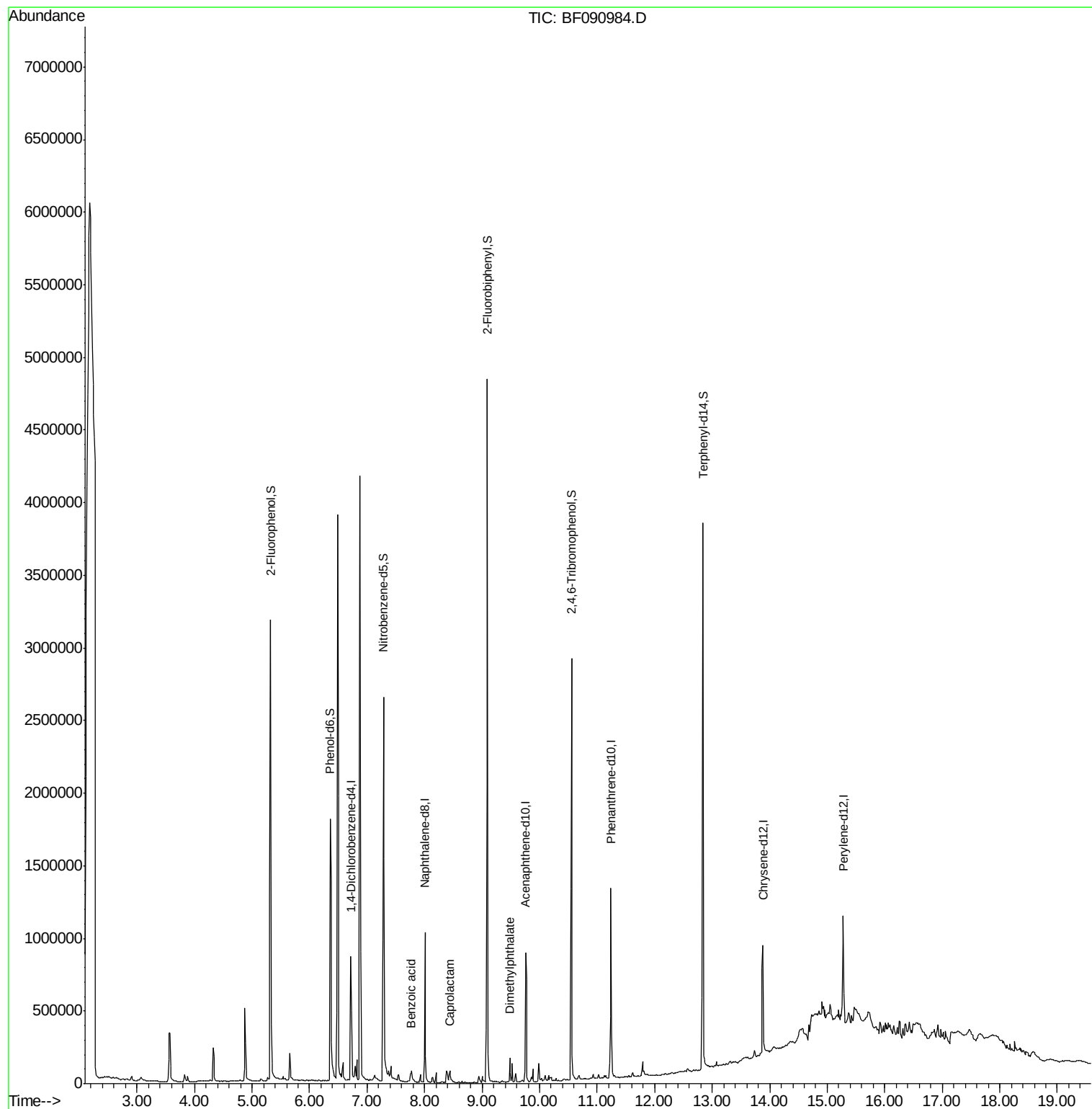
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	160525	20.00	ng	-0.03
21) Naphthalene-d8	8.01	136	536475	20.00	ng	-0.03
38) Acenaphthene-d10	9.76	164	295343	20.00	ng	-0.03
63) Phenanthrene-d10	11.24	188	507454	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	406675	20.00	ng	-0.02
86) Perylene-d12	15.28	264	353808	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1009519	109.95	ng	-0.01
7) Phenol-d6	6.36	99	929045	75.00	ng	-0.03
23) Nitrobenzene-d5	7.29	82	1306145	159.38	ng	-0.03
41) 2,4,6-Tribromophenol	10.56	330	516564	170.19	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	1864922	110.88	ng	-0.02
78) Terphenyl-d14	12.84	244	2067456	128.08	ng	-0.01
Target Compounds						
32) Benzoic acid	7.77	122	22680	4.16	ng	# 74
35) Caprolactam	8.44	113	18583	8.60	ng	# 68
49) Dimethylphthalate	9.48	163	86355	4.38	ng	# 97

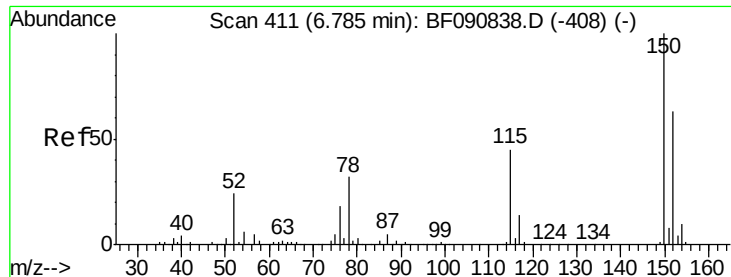
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.03 min

Lab File: BF090984.D

Acq: 2 Nov 2016 17:18

Instrument :

BNA_F

ClientSampleId :

GW-87-8.4-16.0

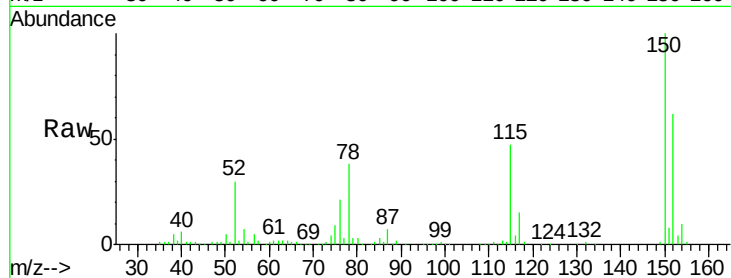
Tgt Ion:152 Resp: 160525

Ion Ratio Lower Upper

152 100

150 160.7 124.7 187.1

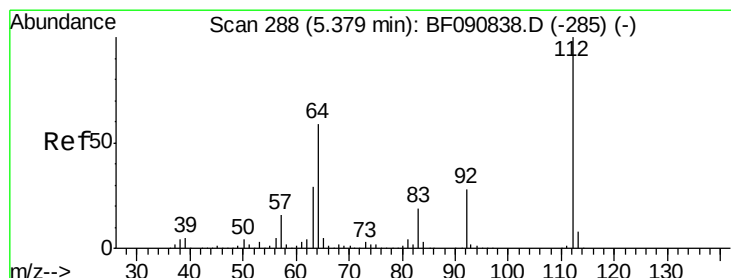
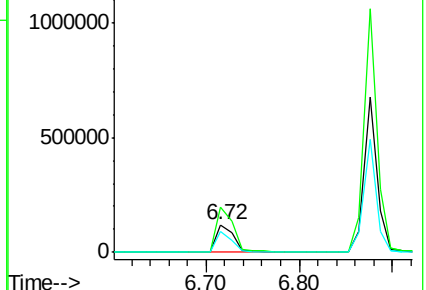
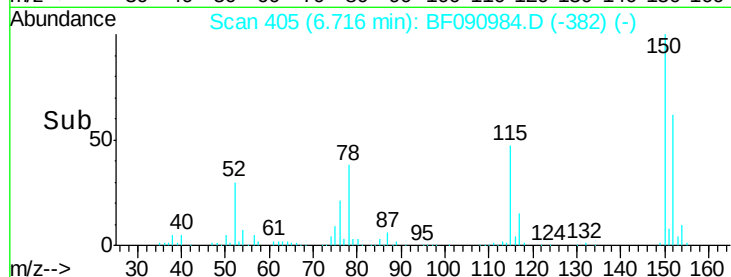
115 76.1 39.0 58.4#



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: 109.95 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.01 min

Lab File: BF090984.D

Acq: 2 Nov 2016 17:18

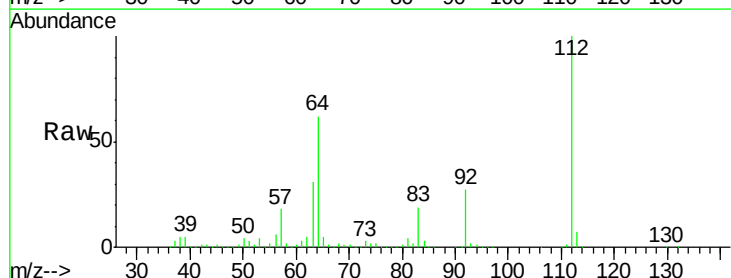
Tgt Ion:112 Resp: 1009519

Ion Ratio Lower Upper

112 100

64 62.3 39.7 59.5#

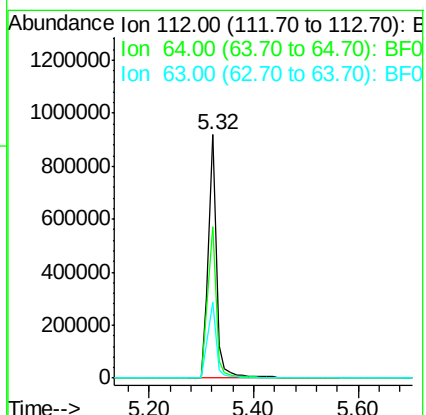
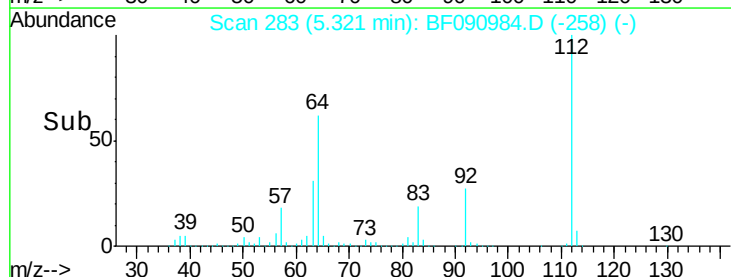
63 31.1 17.4 26.0#

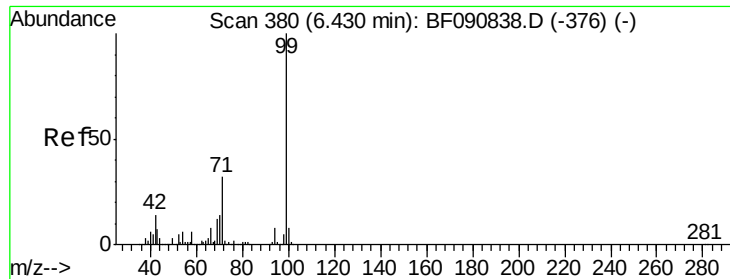


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 75.00 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.03 min

Lab File: BF090984.D

Acq: 2 Nov 2016 17:18

Instrument :

BNA_F

ClientSampleId :

GW-87-8.4-16.0

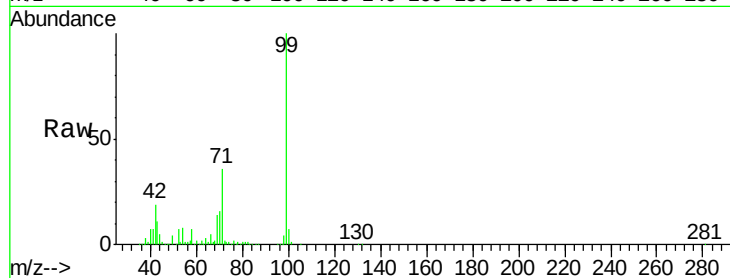
Tgt Ion: 99 Resp: 929045

Ion Ratio Lower Upper

99 100

42 19.2 13.7 20.5

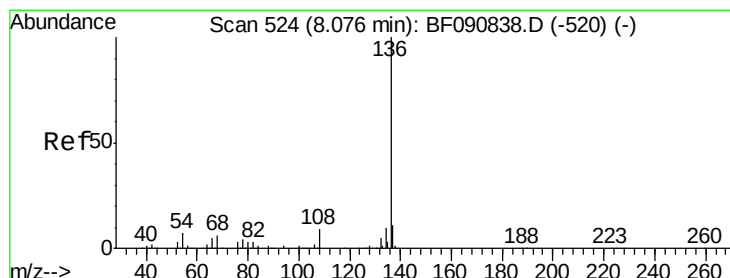
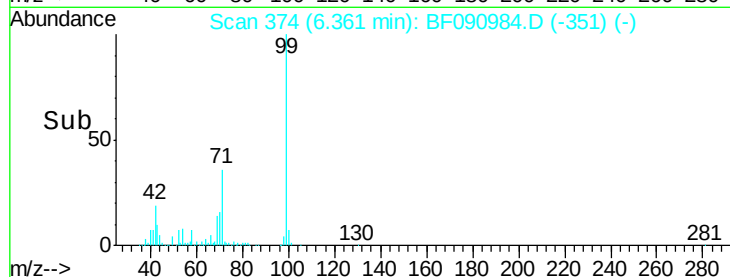
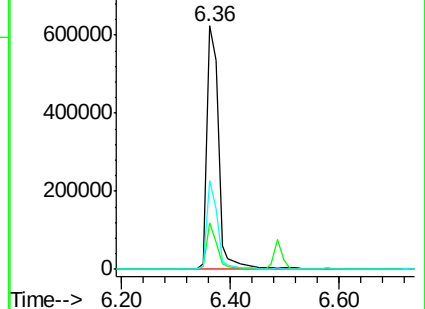
71 36.2 14.2 21.2#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.03 min

Lab File: BF090984.D

Acq: 2 Nov 2016 17:18

Tgt Ion: 136 Resp: 536475

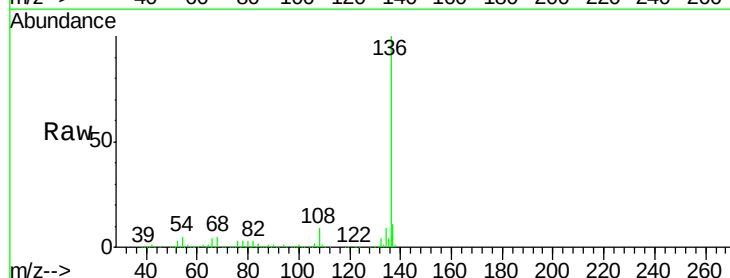
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 4.7 8.2 12.2#

68 4.5 5.8 8.6#

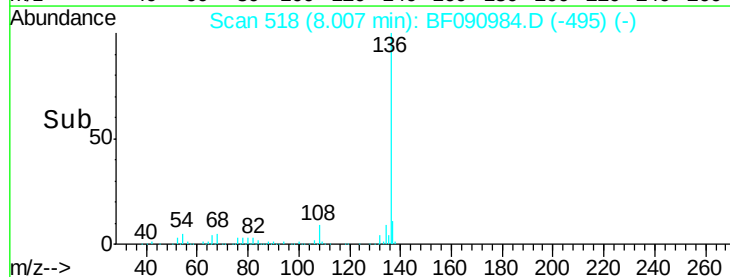
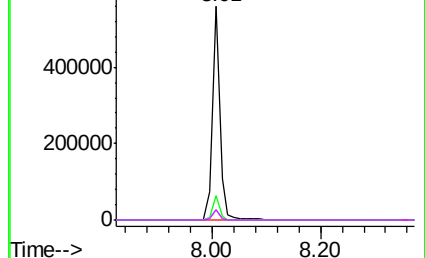


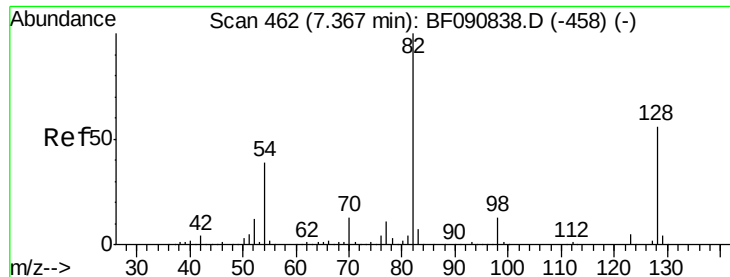
Abundance Ion 136.00 (135.70 to 136.70): E

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

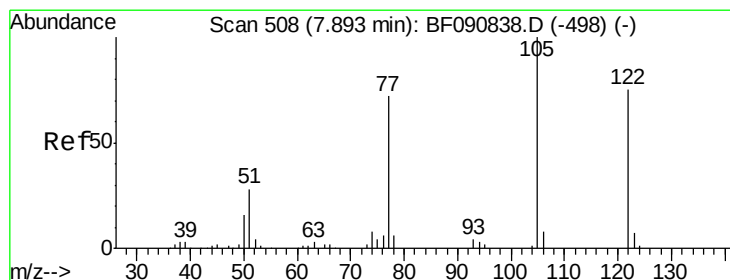
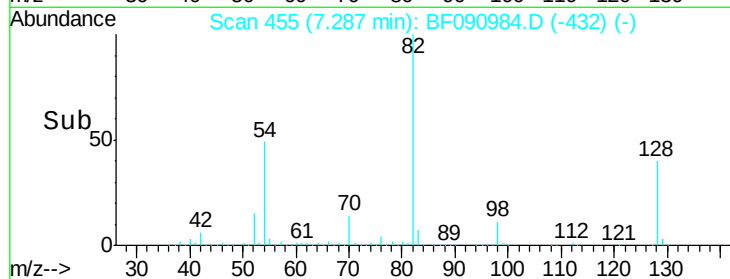
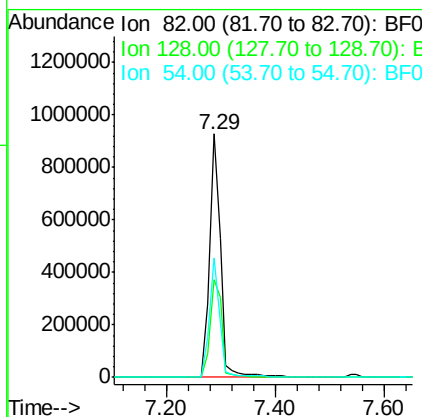
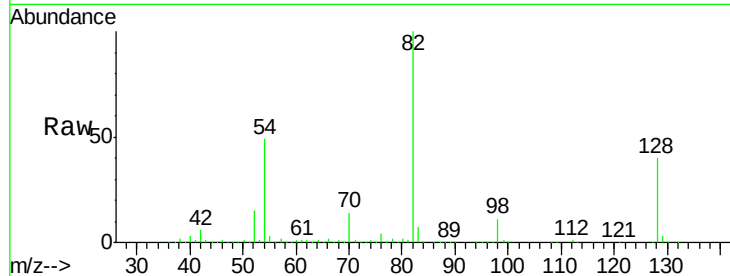




#23
 Nitrobenzene-d5
 Concen: 159.38 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.03 min
 Lab File: BF090984.D
 Acq: 2 Nov 2016 17:18

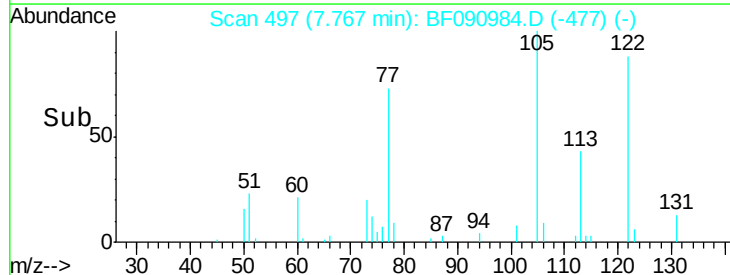
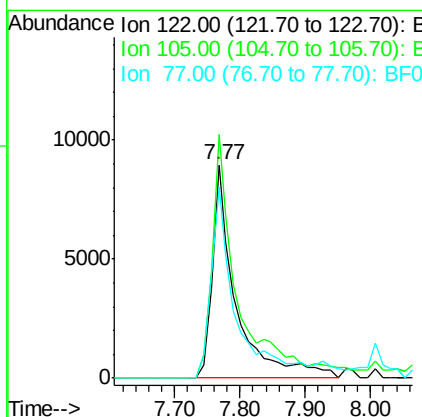
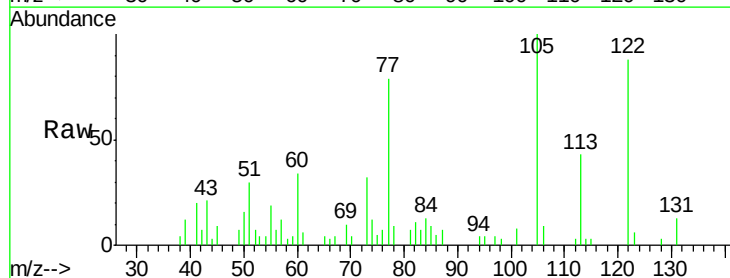
Instrument :
 BNA_F
 ClientSampleId :
 GW-87-8.4-16.0

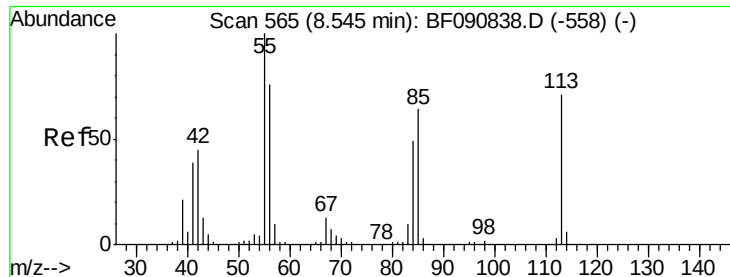
Tgt Ion: 82 Resp: 1306145
 Ion Ratio Lower Upper
 82 100
 128 40.1 51.0 76.6#
 54 49.1 47.5 71.3



#32
 Benzoic acid
 Concen: 4.16 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.07 min
 Lab File: BF090984.D
 Acq: 2 Nov 2016 17:18

Tgt Ion: 122 Resp: 22680
 Ion Ratio Lower Upper
 122 100
 105 114.2 76.1 116.1
 77 89.7 40.5 80.5#

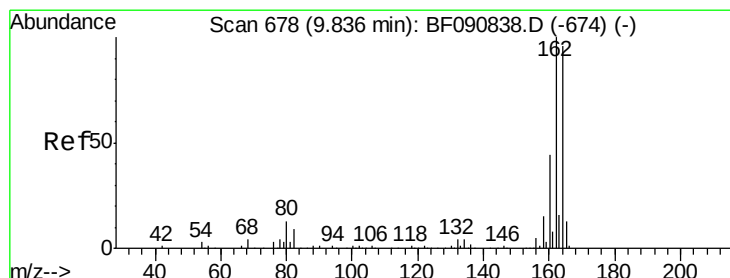
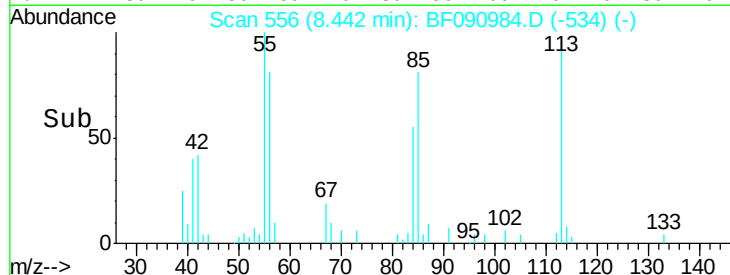
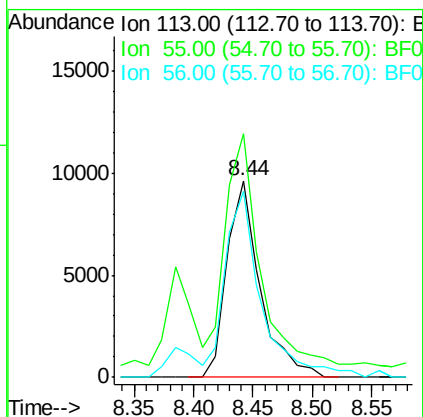
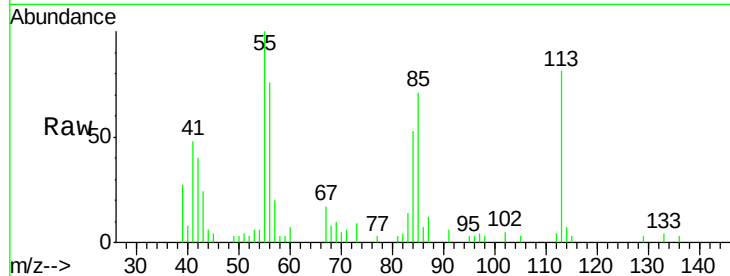




#35
 Caprolactam
 Concen: 8.60 ng
 RT: 8.44 min Scan# 556
 Delta R.T. -0.05 min
 Lab File: BF090984.D
 Acq: 2 Nov 2016 17:18

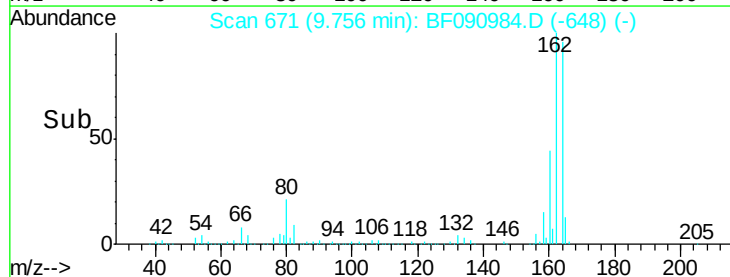
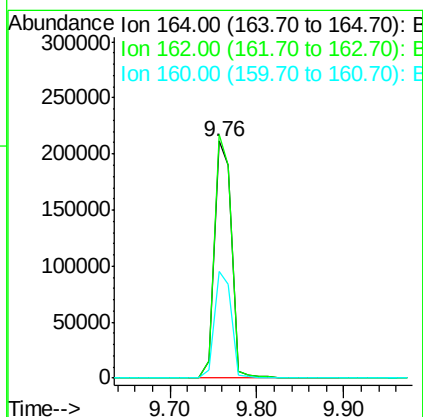
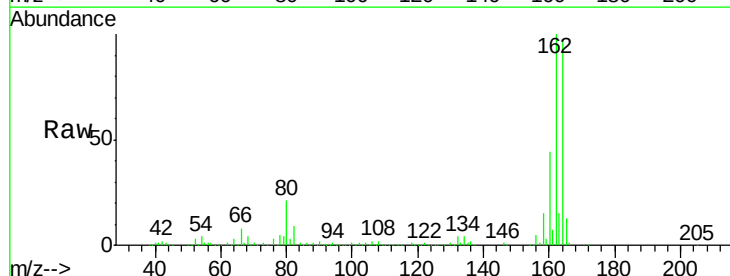
Instrument :
 BNA_F
 ClientSampleId :
 GW-87-8.4-16.0

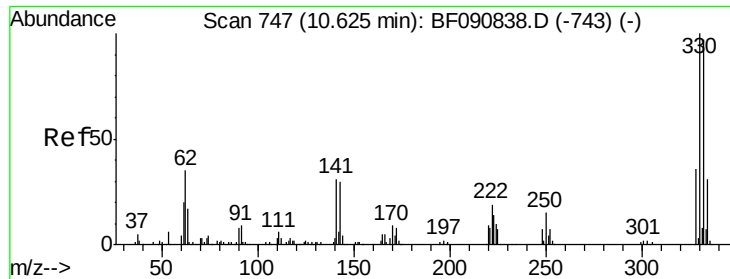
Tgt Ion:113 Resp: 18583
 Ion Ratio Lower Upper
 113 100
 55 123.8 152.4 192.4#
 56 94.4 104.6 144.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.03 min
 Lab File: BF090984.D
 Acq: 2 Nov 2016 17:18

Tgt Ion:164 Resp: 295343
 Ion Ratio Lower Upper
 164 100
 162 102.8 75.2 112.8
 160 45.0 31.5 47.3

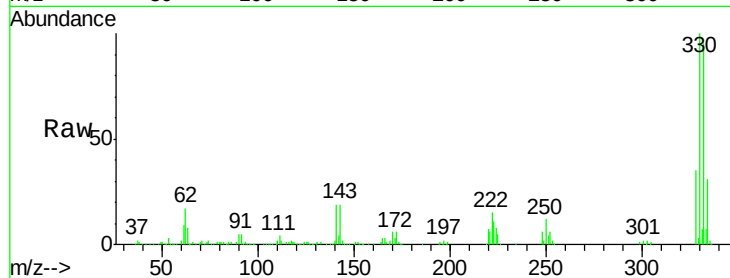




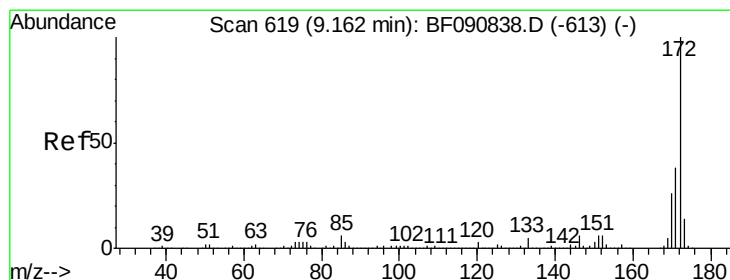
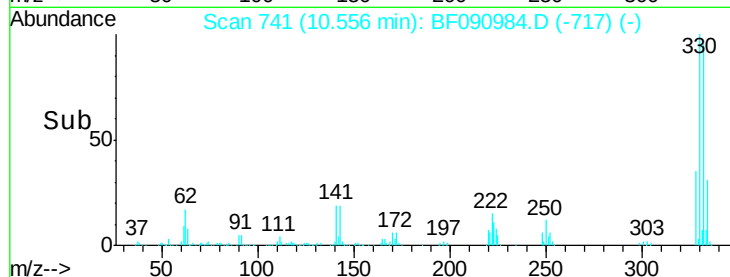
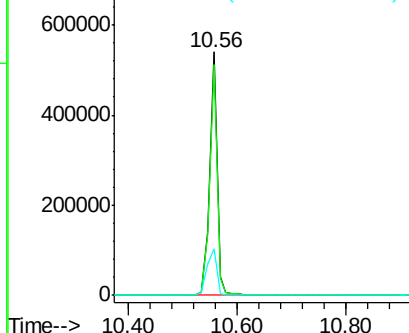
#41
 2,4,6-Tribromophenol
 Concen: 170.19 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.02 min
 Lab File: BF090984.D
 Acq: 2 Nov 2016 17:18

Instrument :
 BNA_F
 ClientSampleId :
 GW-87-8.4-16.0

Tgt Ion:330 Resp: 516564
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 25.2 29.7 44.5#

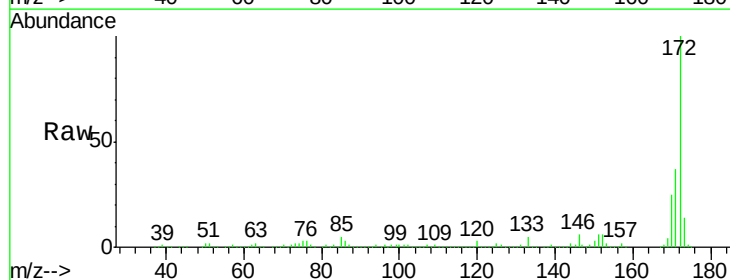


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

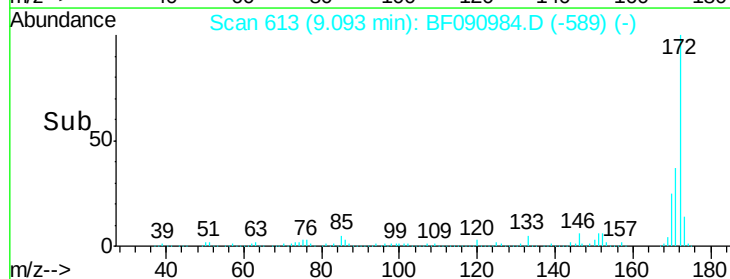
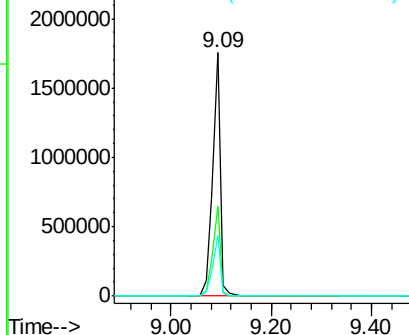


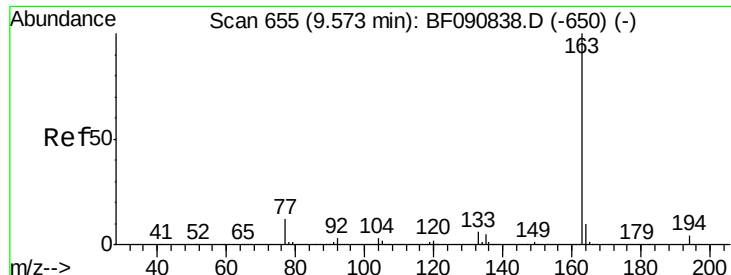
#44
 2-Fluorobiphenyl
 Concen: 110.88 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF090984.D
 Acq: 2 Nov 2016 17:18

Tgt Ion:172 Resp: 1864922
 Ion Ratio Lower Upper
 172 100
 171 37.1 26.1 39.1
 170 25.1 17.4 26.2



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

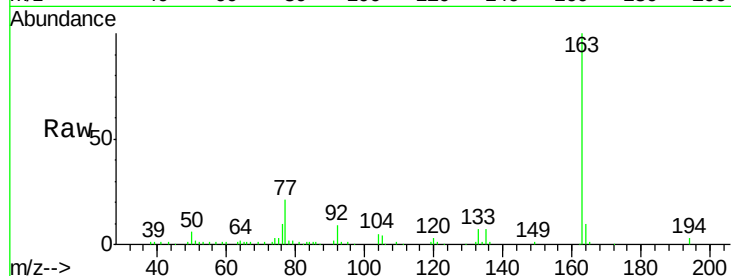




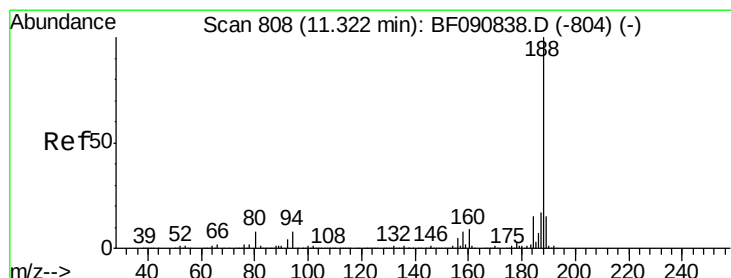
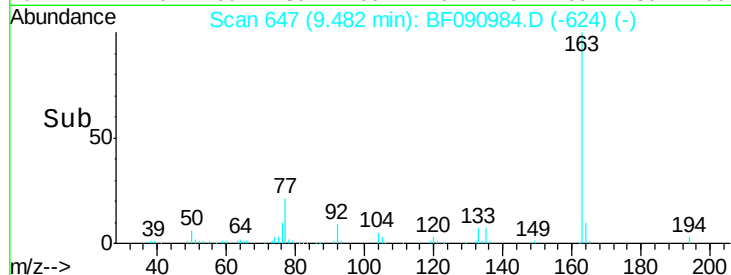
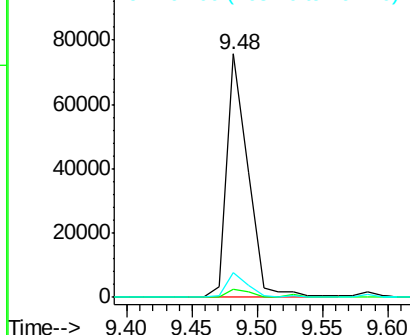
#49
Dimethylphthalate
Concen: 4.38 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.03 min
Lab File: BF090984.D
Acq: 2 Nov 2016 17:18

Instrument :
BNA_F
ClientSampleId :
GW-87-8.4-16.0

Tgt Ion:163 Resp: 86355
Ion Ratio Lower Upper
163 100
194 3.1 4.4 6.6#
164 10.2 8.3 12.5

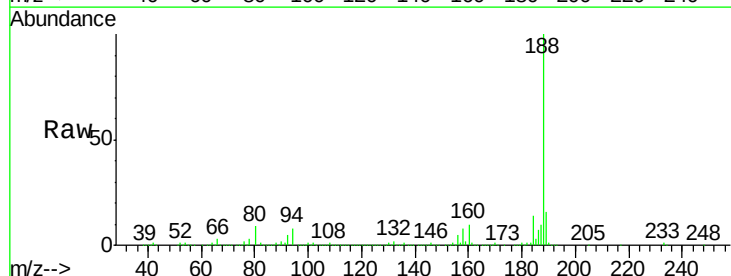


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

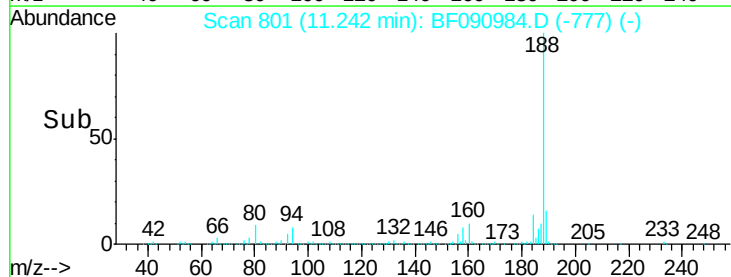
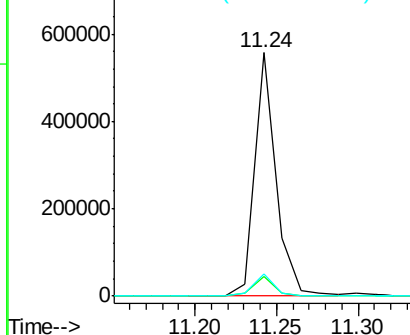


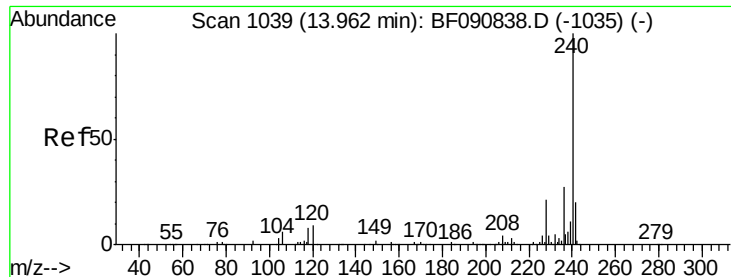
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF090984.D
Acq: 2 Nov 2016 17:18

Tgt Ion:188 Resp: 507454
Ion Ratio Lower Upper
188 100
94 8.3 11.1 16.7#
80 8.8 11.0 16.4#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF090984.D

Acq: 2 Nov 2016 17:18

Instrument :

BNA_F

ClientSampleId :

GW-87-8.4-16.0

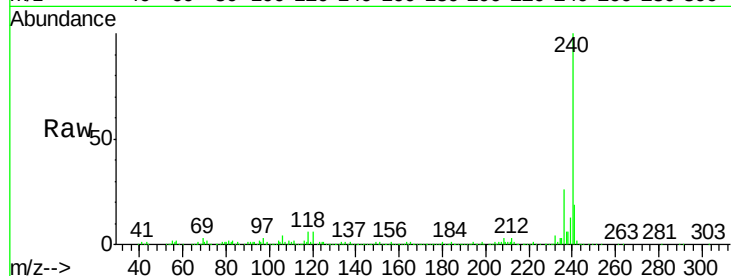
Tgt Ion:240 Resp: 406675

Ion Ratio Lower Upper

240 100

120 6.3 16.2 24.2#

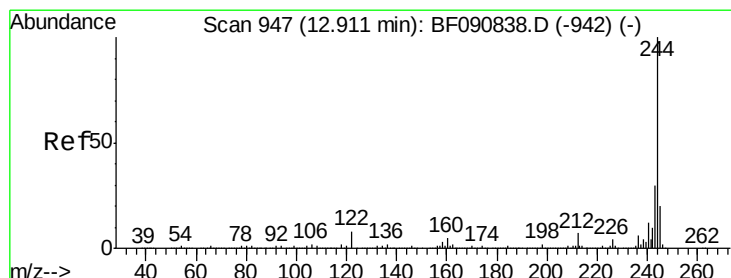
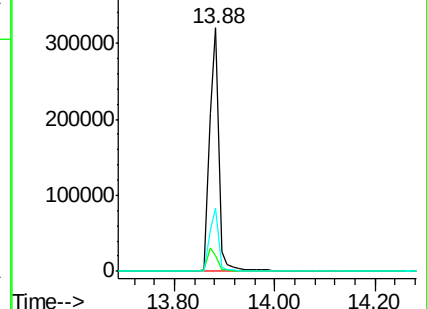
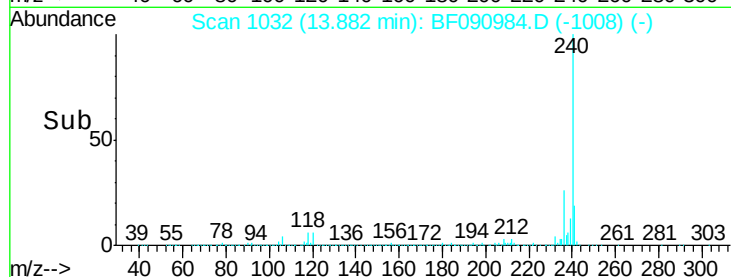
236 26.1 18.4 27.6



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: 128.08 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF090984.D

Acq: 2 Nov 2016 17:18

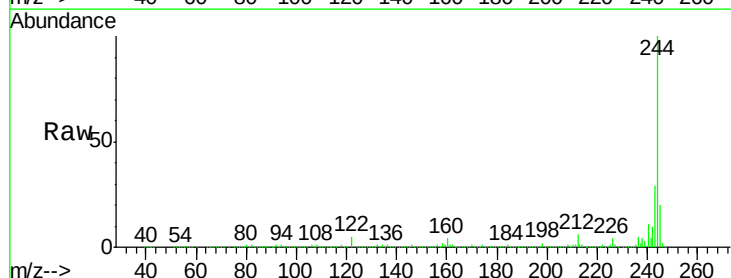
Tgt Ion:244 Resp: 2067456

Ion Ratio Lower Upper

244 100

212 5.8 4.3 6.5

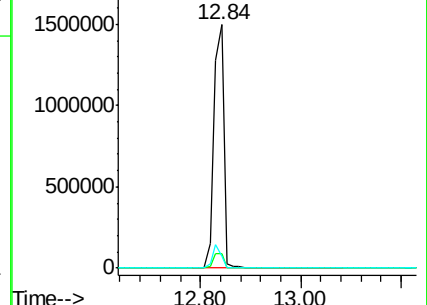
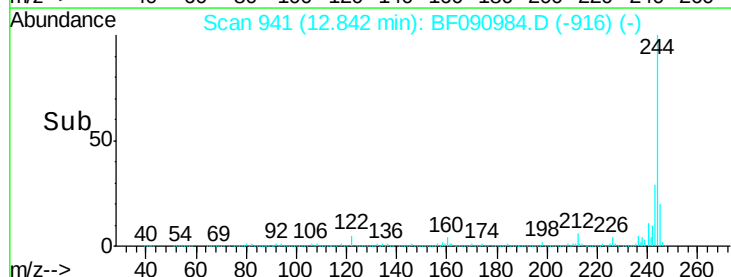
122 4.7 17.4 26.2#

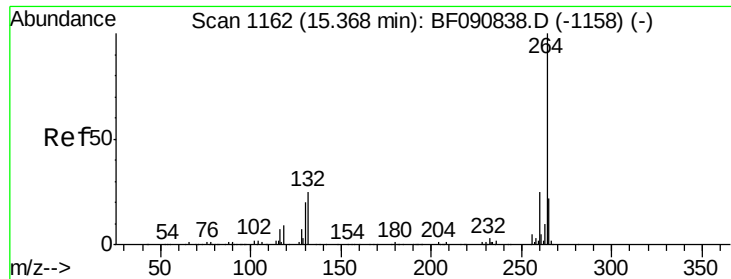


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

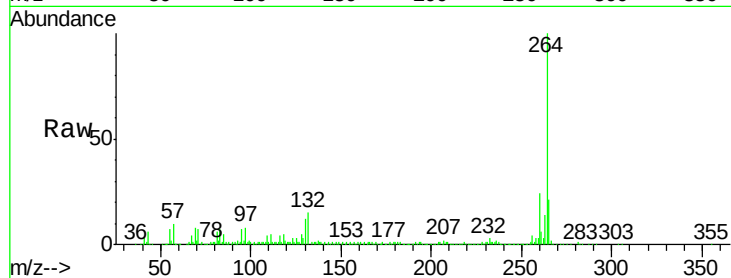




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF090984.D
Acq: 2 Nov 2016 17:18

Instrument :
BNA_F
ClientSampleId :
GW-87-8.4-16.0

Tgt Ion: 264 Resp: 353808
Ion Ratio Lower Upper
264 100
260 24.3 16.7 25.1
265 21.4 17.2 25.8



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

