

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101916\
 Data File : BF090658.D
 Acq On : 19 Oct 2016 20:05
 Operator : UM/SJ
 Sample : H5317-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101816-01

Quant Time: Oct 20 01:01:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 15:13:23 2016
 Response via : Initial Calibration

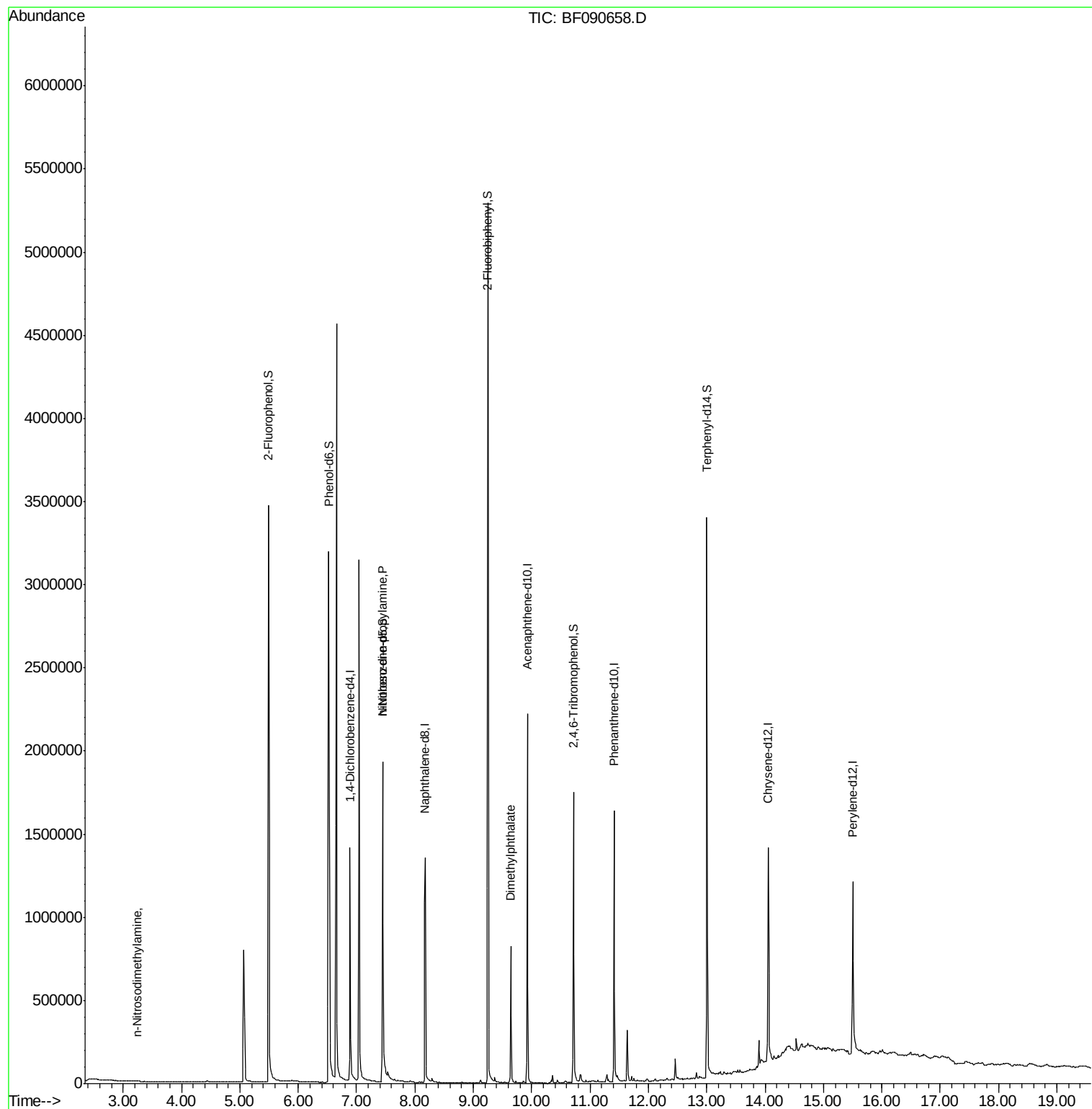
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	217383	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	912716	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	472814	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	700981	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	508200	20.00	ng	-0.01
86) Perylene-d12	15.50	264	490863	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1126122	94.97	ng	0.00
7) Phenol-d6	6.52	99	1467708	83.30	ng	-0.01
23) Nitrobenzene-d5	7.45	82	906368	55.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	279755	66.37	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1593968	55.55	ng	-0.01
78) Terphenyl-d14	13.00	244	1200213	54.99	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.24	42	1210	7.36	ng	# 1
19) n-Nitroso-di-n-propylamine	7.45	70	103176	8.54	ng	# 81
49) Dimethylphthalate	9.64	163	395651	12.90	ng	100

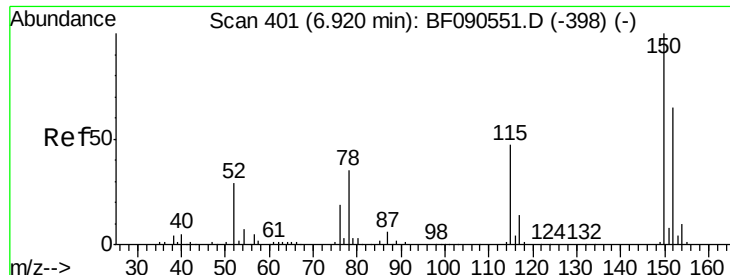
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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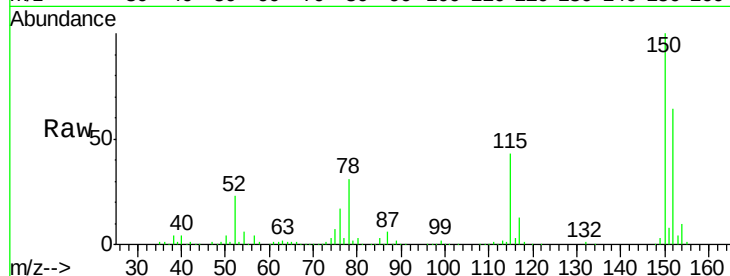


#1

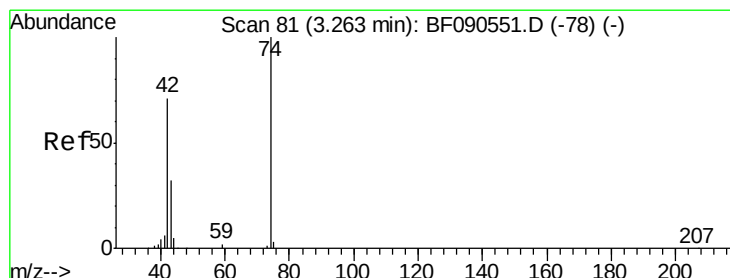
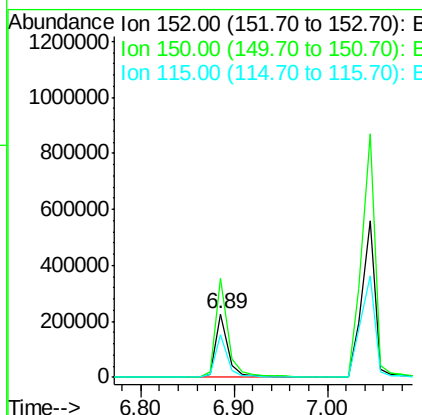
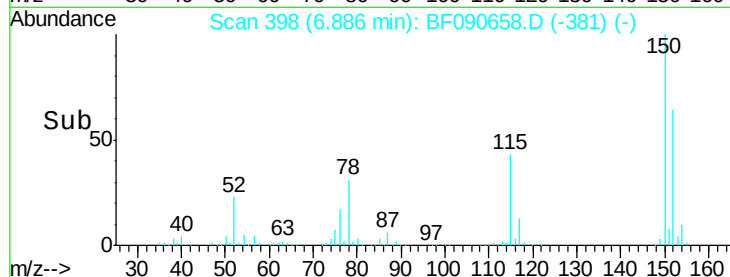
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF090658.D
Acq: 19 Oct 2016 20:05

Instrument :
BNA_F
ClientSampleId :
101816-01

Tgt Ion: 152 Resp: 217383
Ion Ratio Lower Upper
152 100
150 156.2 127.2 190.8
115 67.2 58.6 88.0



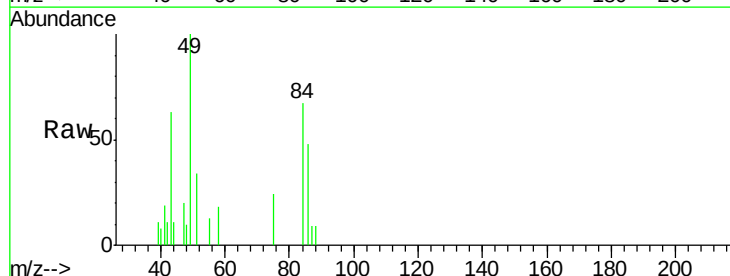
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



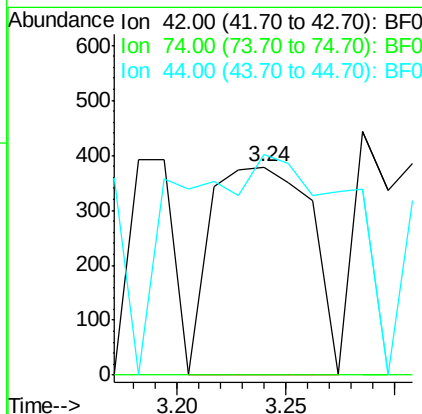
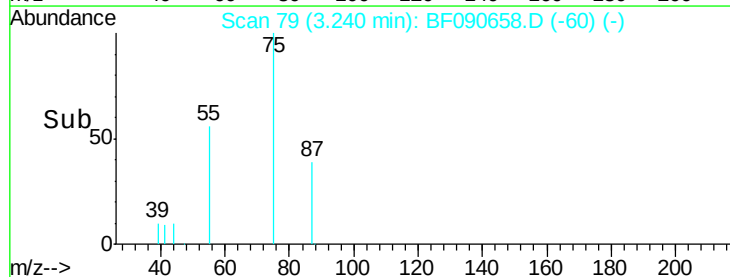
#4

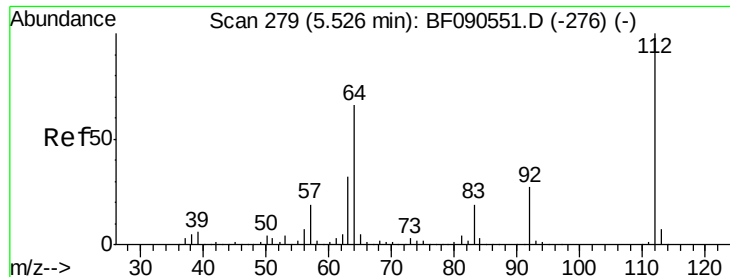
n-Nitrosodimethylamine
Concen: 7.36 ng
RT: 3.24 min Scan# 79
Delta R.T. 0.02 min
Lab File: BF090658.D
Acq: 19 Oct 2016 20:05

Tgt Ion: 42 Resp: 1210
Ion Ratio Lower Upper
42 100
74 0.0 113.3 169.9#
44 105.8 6.0 9.0#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 94.97 ng

RT: 5.49 min Scan# 276

Delta R.T. -0.00 min

Lab File: BF090658.D

Acq: 19 Oct 2016 20:05

Instrument :

BNA_F

ClientSampleId :

101816-01

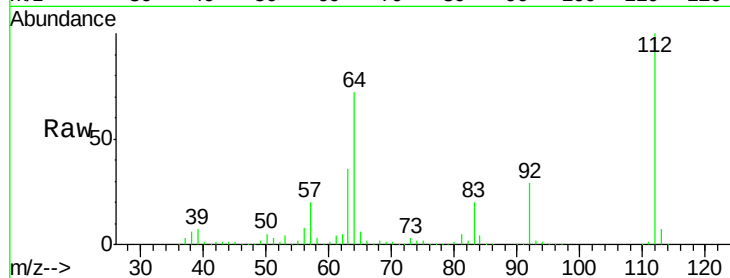
Tgt Ion: 112 Resp: 1126122

Ion Ratio Lower Upper

112 100

64 71.9 52.6 78.8

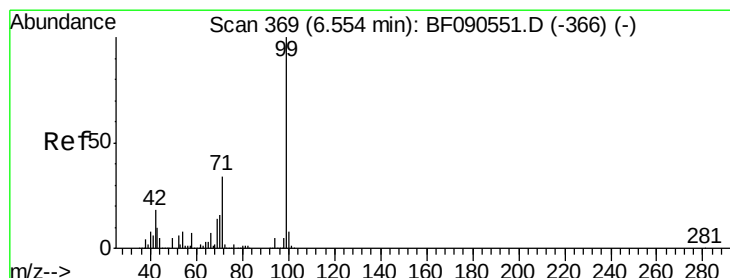
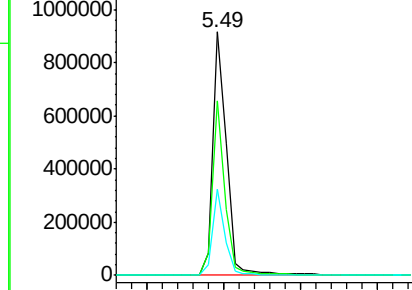
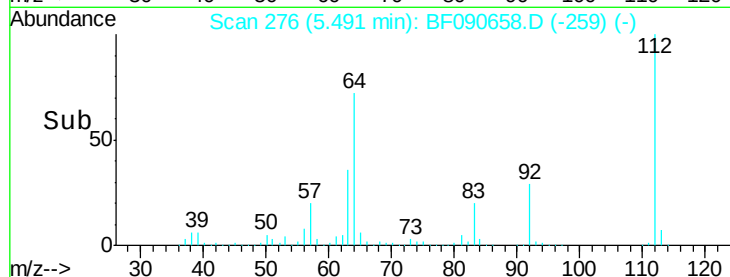
63 35.5 26.0 39.0



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: 83.30 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF090658.D

Acq: 19 Oct 2016 20:05

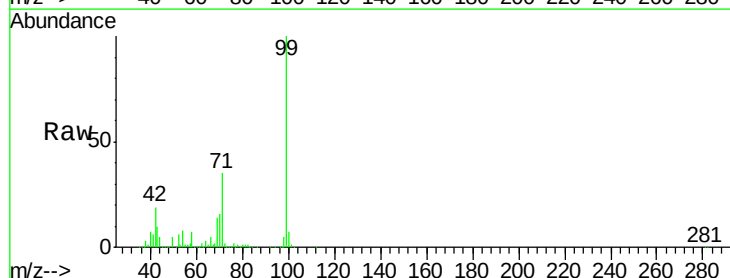
Tgt Ion: 99 Resp: 1467708

Ion Ratio Lower Upper

99 100

42 18.6 14.7 22.1

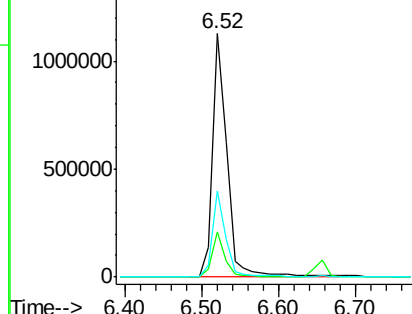
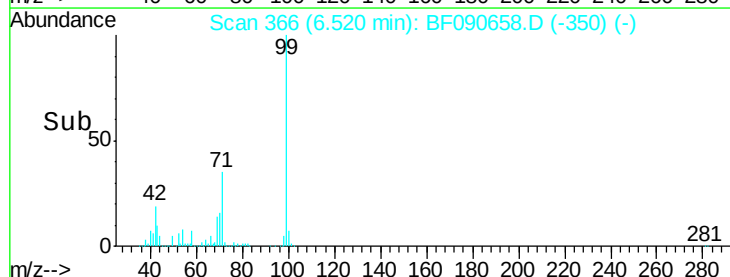
71 35.1 27.6 41.4

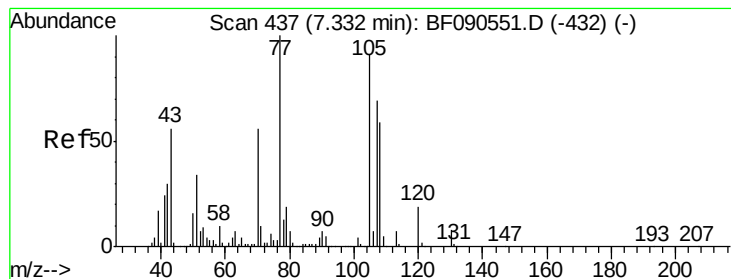


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 8.54 ng

RT: 7.45 min Scan# 447

Delta R.T. 0.14 min

Lab File: BF090658.D

Acq: 19 Oct 2016 20:05

Instrument :

BNA_F

ClientSampled :

101816-01

Tgt Ion: 70 Resp: 103176

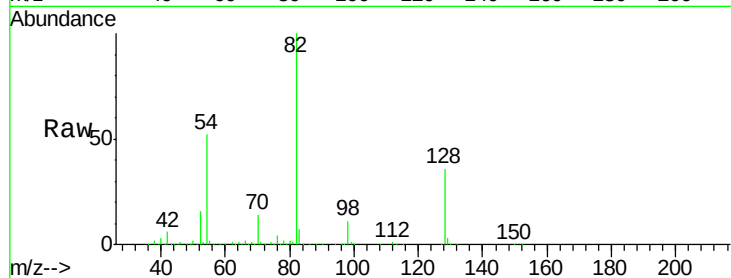
Ion Ratio Lower Upper

70 100

42 43.2 43.4 65.0#

101 0.0 6.4 9.6#

130 1.7 12.1 18.1#

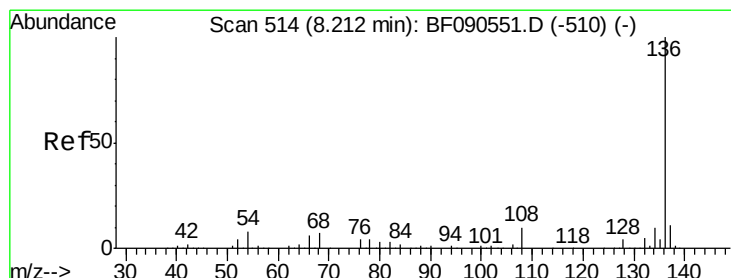
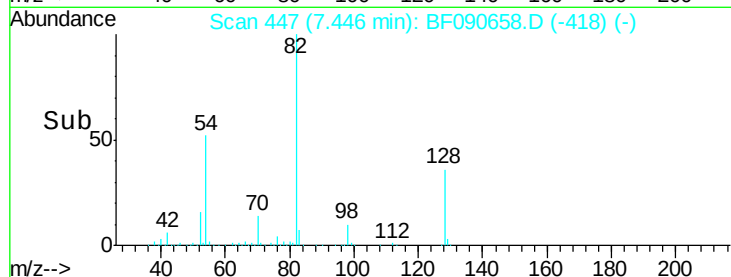
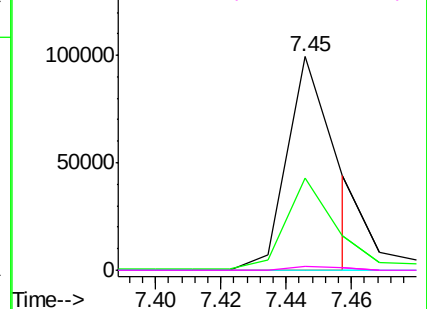


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF090658.D

Acq: 19 Oct 2016 20:05

Tgt Ion: 136 Resp: 912716

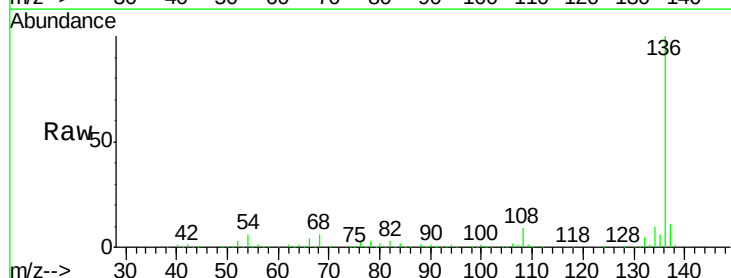
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.1 6.8 10.2#

68 6.0 6.0 9.0#

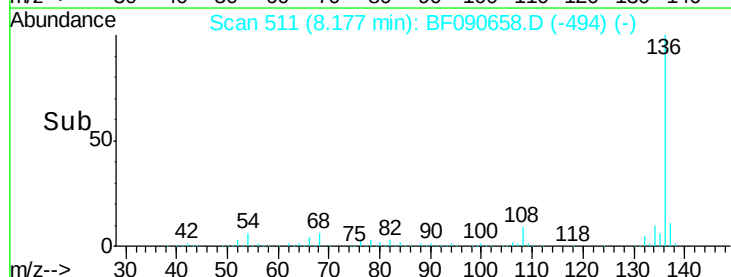
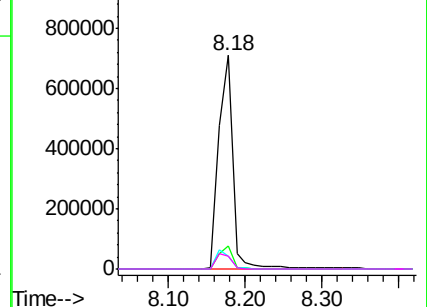


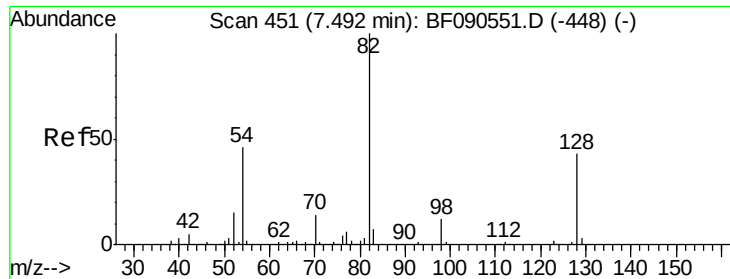
Abundance Ion 136.00 (135.70 to 136.70): E

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

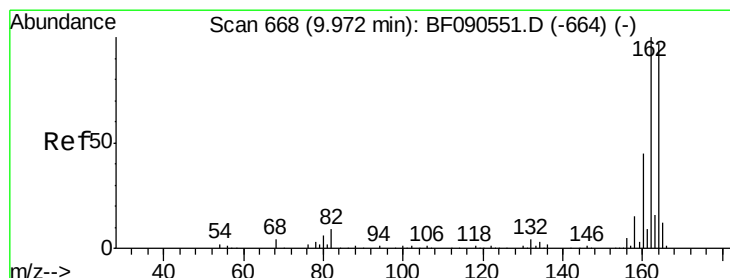
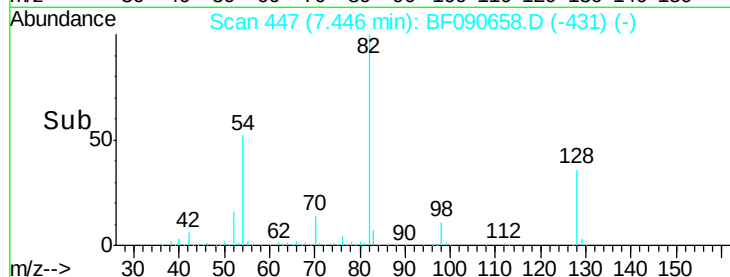
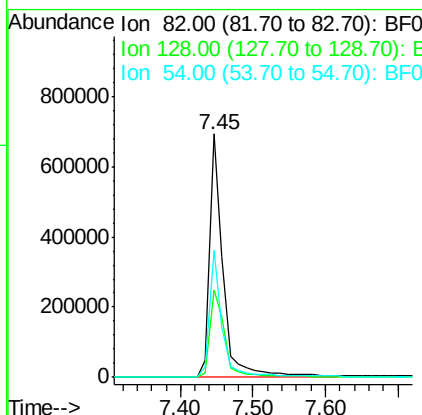
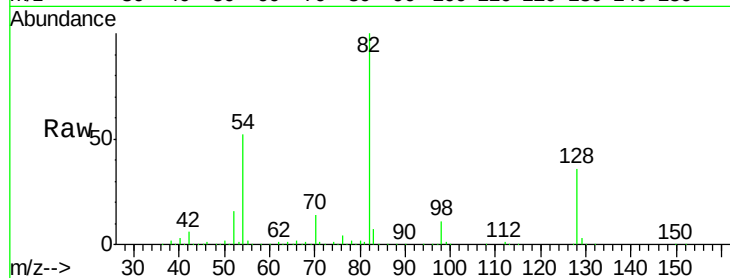




#23
 Nitrobenzene-d5
 Concen: 55.16 ng
 RT: 7.45 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF090658.D
 Acq: 19 Oct 2016 20:05

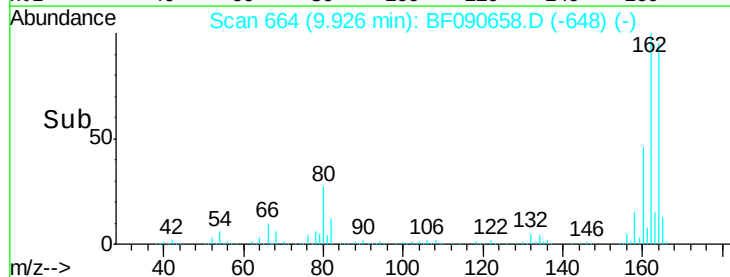
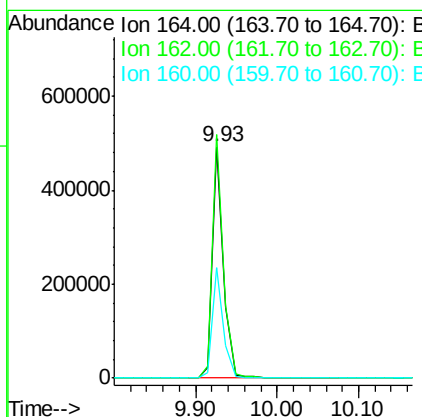
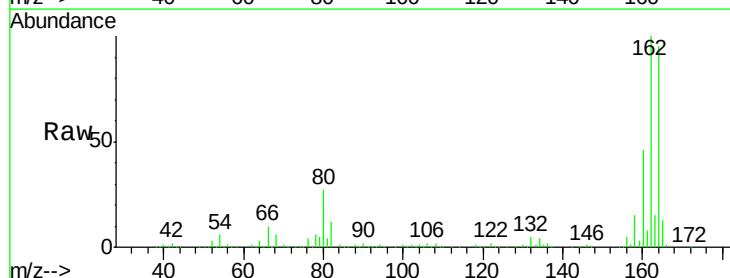
Instrument :
 BNA_F
 ClientSampleId :
 101816-01

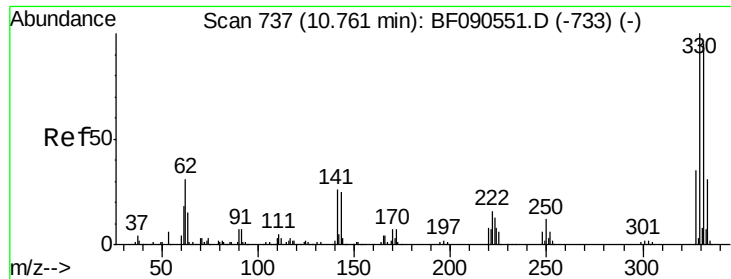
Tgt Ion: 82 Resp: 906368
 Ion Ratio Lower Upper
 82 100
 128 35.9 34.3 51.5
 54 52.0 37.0 55.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF090658.D
 Acq: 19 Oct 2016 20:05

Tgt Ion: 164 Resp: 472814
 Ion Ratio Lower Upper
 164 100
 162 105.3 82.2 123.4
 160 48.0 36.6 55.0

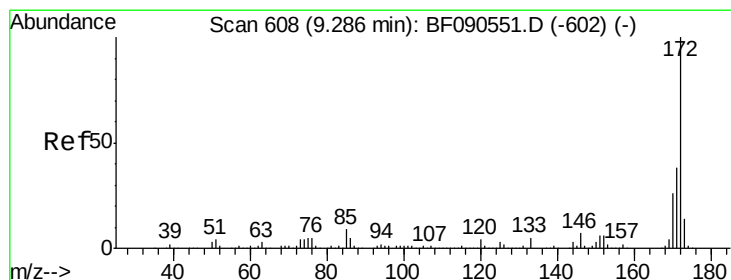
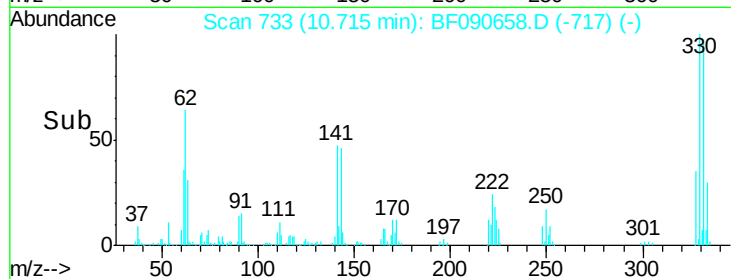
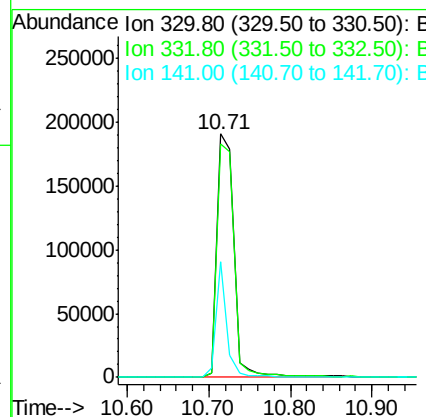
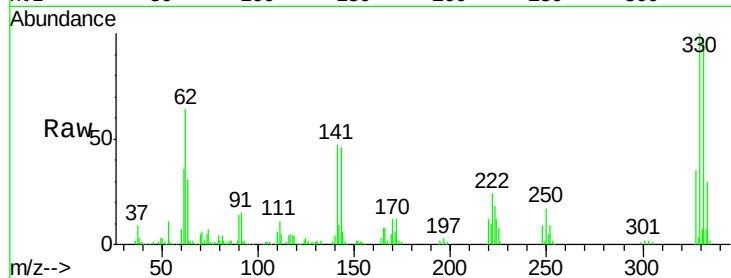




#41
 2,4,6-Tribromophenol
 Concen: 66.37 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF090658.D
 Acq: 19 Oct 2016 20:05

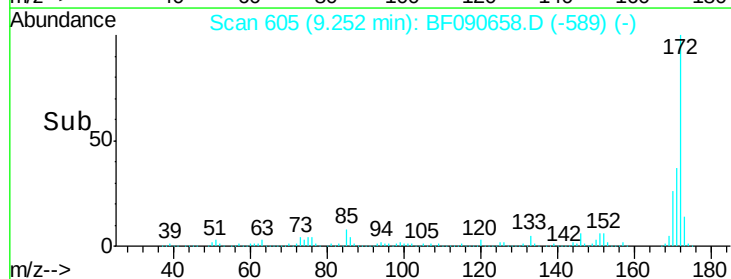
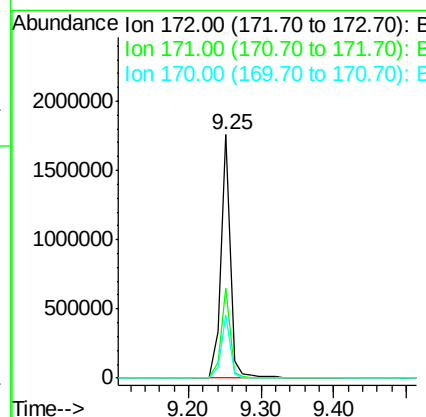
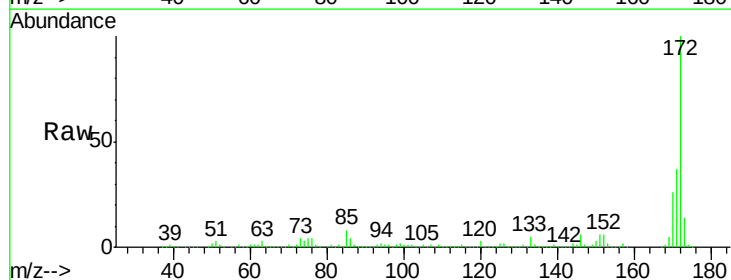
Instrument :
 BNA_F
 ClientSampleId :
 101816-01

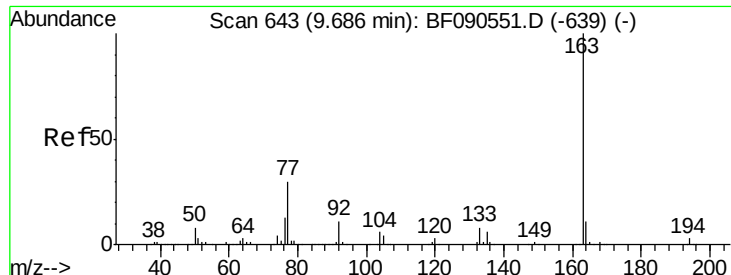
Tgt Ion:330 Resp: 279755
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.2 114.2
 141 30.6 31.4 47.2#



#44
 2-Fluorobiphenyl
 Concen: 55.55 ng
 RT: 9.25 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF090658.D
 Acq: 19 Oct 2016 20:05

Tgt Ion:172 Resp: 1593968
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.1 45.1
 170 25.7 20.6 30.8





#49

Dimethylphthalate

Concen: 12.90 ng

RT: 9.64 min Scan# 639

Delta R.T. -0.02 min

Lab File: BF090658.D

Acq: 19 Oct 2016 20:05

Instrument :

BNA_F

ClientSampleId :

101816-01

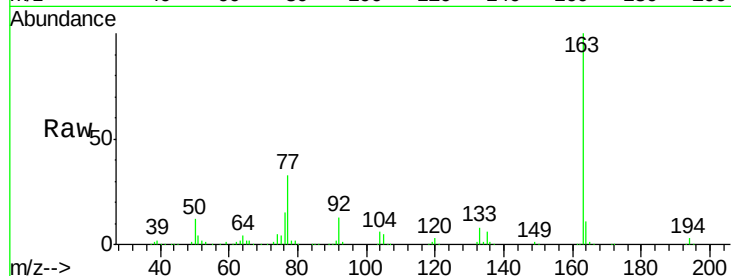
Tgt Ion:163 Resp: 395651

Ion Ratio Lower Upper

163 100

194 2.7 2.3 3.5

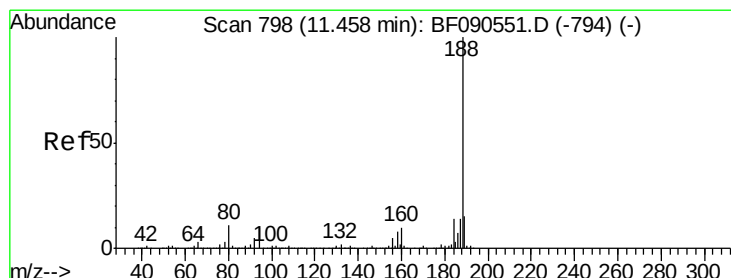
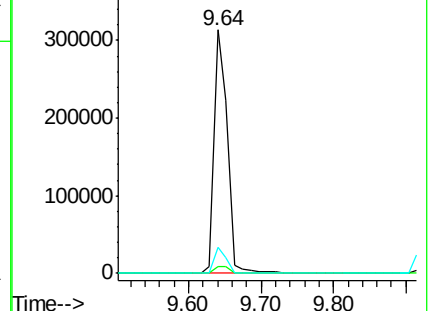
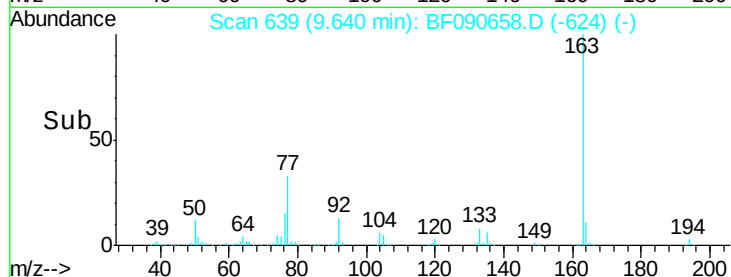
164 10.7 8.6 13.0



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: 11.41 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF090658.D

Acq: 19 Oct 2016 20:05

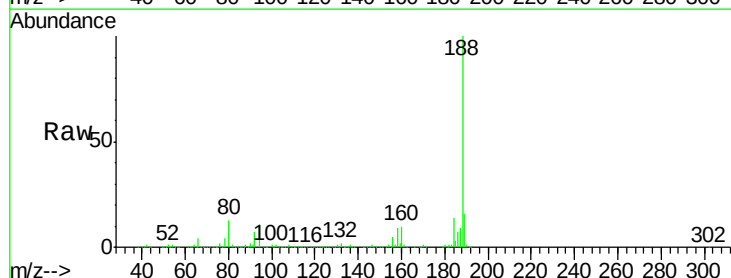
Tgt Ion:188 Resp: 700981

Ion Ratio Lower Upper

188 100

94 11.4 7.7 11.5

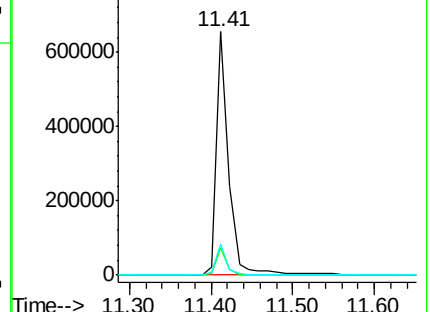
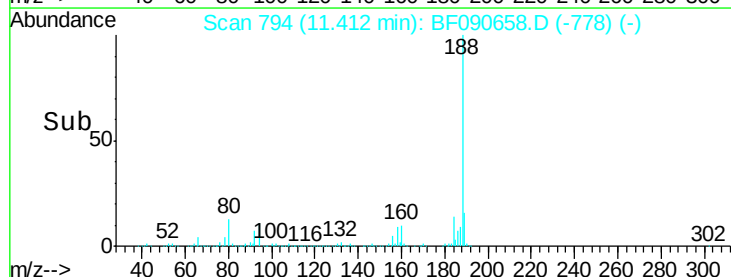
80 12.7 8.6 12.8

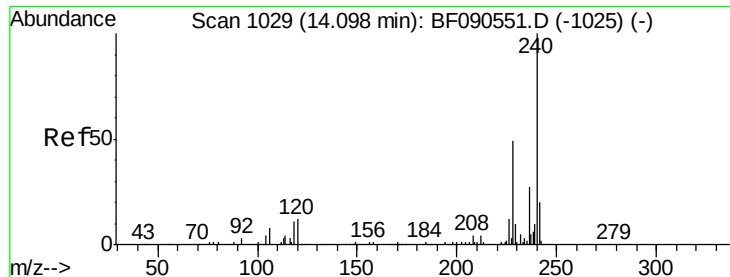


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF090658.D

Acq: 19 Oct 2016 20:05

Instrument :

BNA_F

ClientSampleId :

101816-01

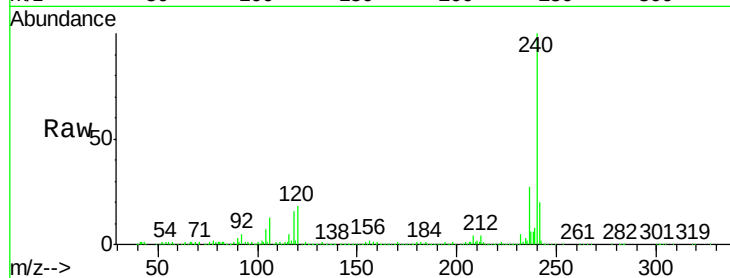
Tgt Ion:240 Resp: 508200

Ion Ratio Lower Upper

240 100

120 17.9 9.8 14.8#

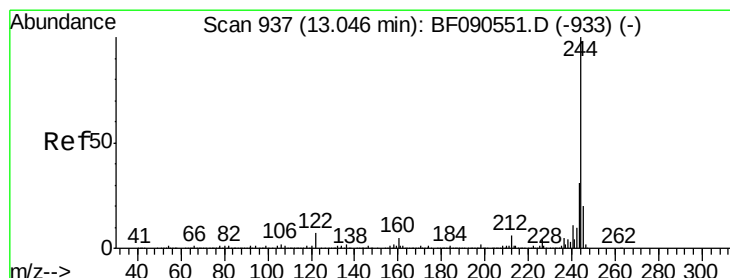
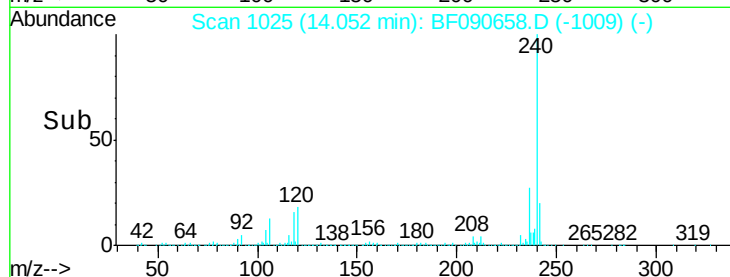
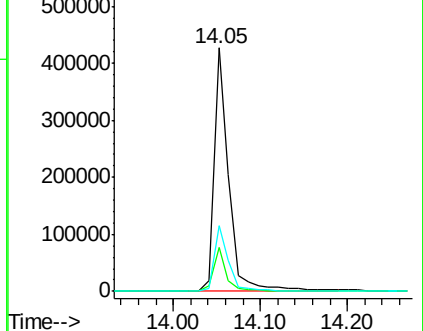
236 26.9 21.7 32.5



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: 54.99 ng

RT: 13.00 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF090658.D

Acq: 19 Oct 2016 20:05

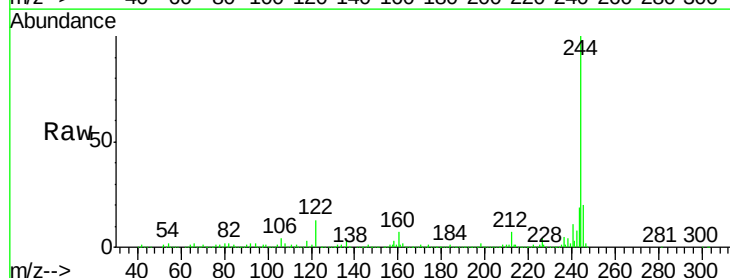
Tgt Ion:244 Resp: 1200213

Ion Ratio Lower Upper

244 100

212 6.9 5.0 7.4

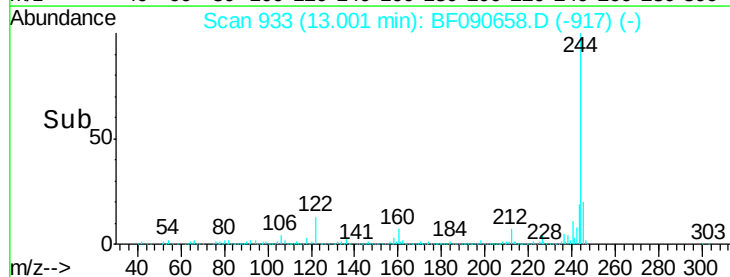
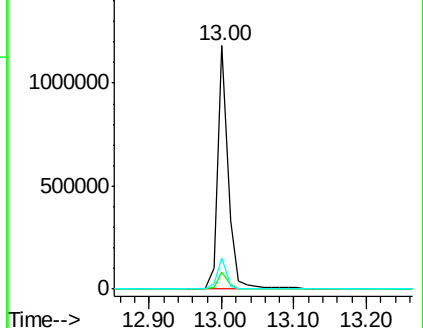
122 12.6 5.6 8.4#

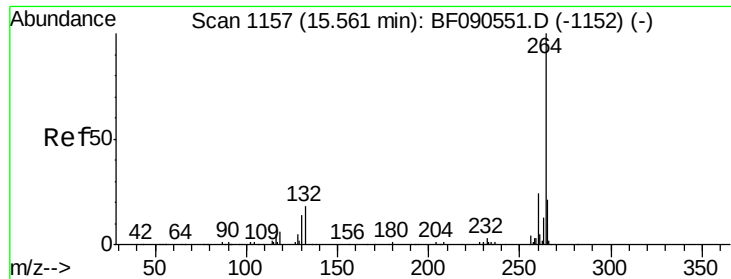


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.50 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF090658.D
Acq: 19 Oct 2016 20:05

Instrument :
BNA_F
ClientSampleId :
101816-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.3	28.9
265	22.0	16.7	25.1

