

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101916\
 Data File : BF090675.D
 Acq On : 20 Oct 2016 5:16
 Operator : UM/SJ
 Sample : H5287-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUMP101416

Quant Time: Oct 20 06:37:13 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

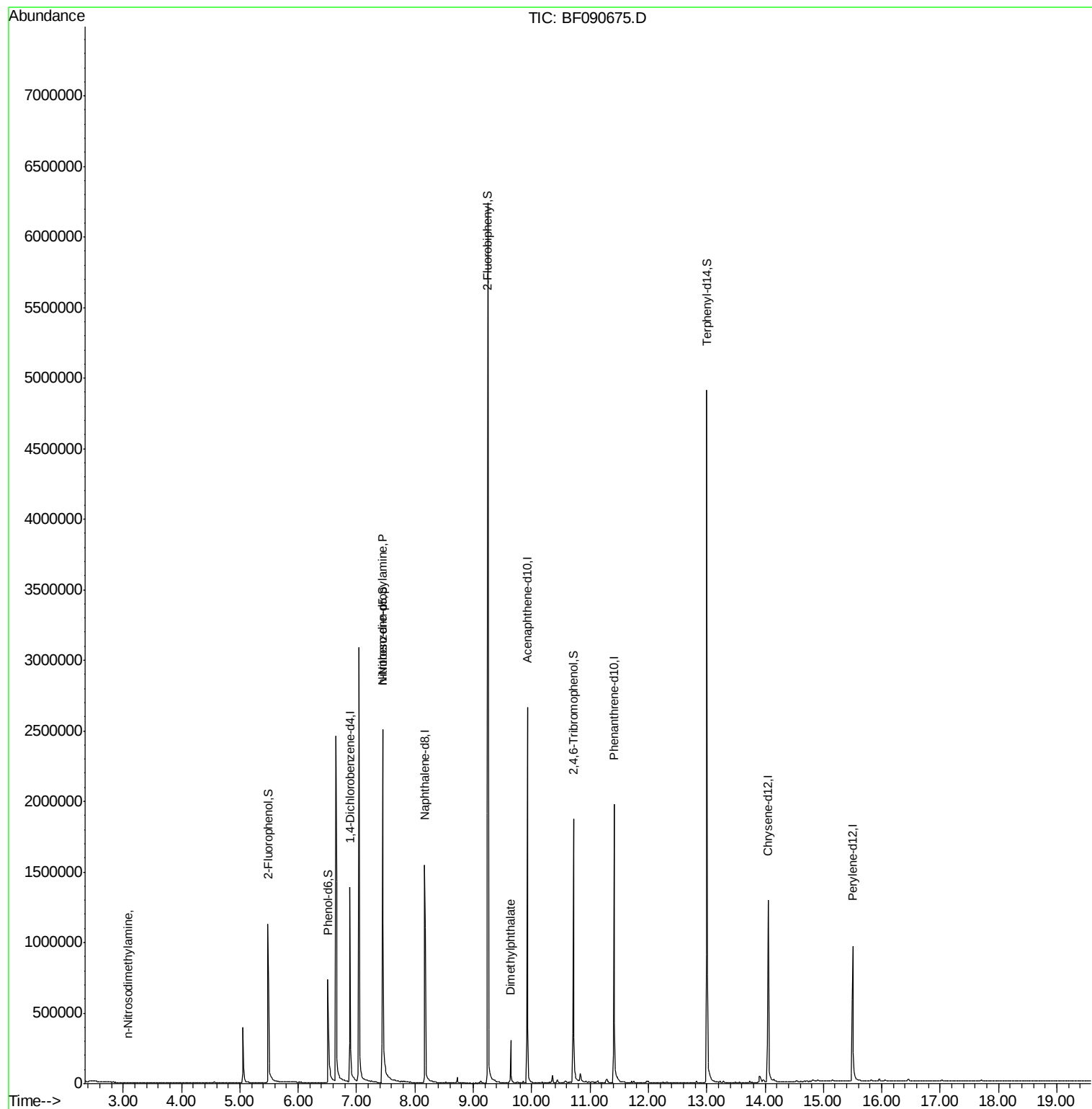
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	230503	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	984504	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	518976	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	737100	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	471098	20.00	ng	-0.01
86) Perylene-d12	15.50	264	447998	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	422066	33.57	ng	-0.01
7) Phenol-d6	6.51	99	353197	18.90	ng	-0.02
23) Nitrobenzene-d5	7.45	82	1170309	66.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	195595	42.27	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1968690	62.50	ng	-0.01
78) Terphenyl-d14	13.00	244	1523169	75.28	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.08	42	281	7.21	ng	# 1
19) n-Nitroso-di-n-propylamine	7.45	70	135800	10.60	ng	# 81
49) Dimethylphthalate	9.64	163	118587	3.52	ng	98

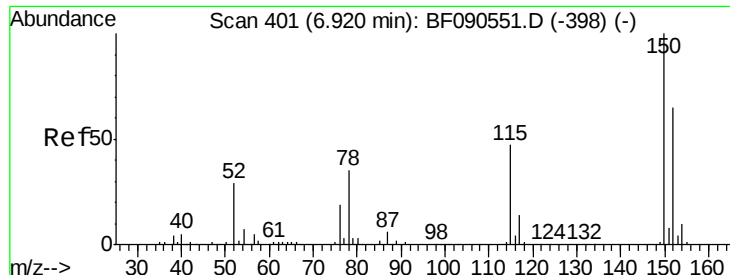
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 19 15:13:23 2016
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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: BF090675.D

Acq: 20 Oct 2016 5:16

Instrument :

BNA_F

ClientSampleId :

SUMP101416

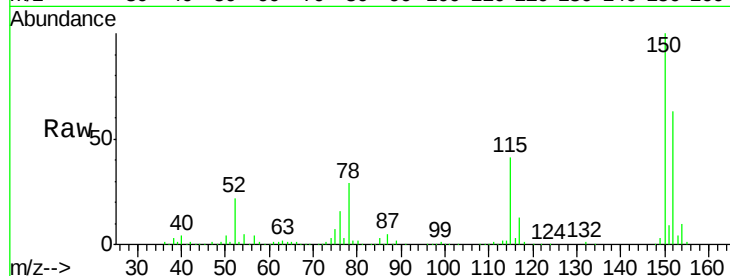
Tgt Ion:152 Resp: 230503

Ion Ratio Lower Upper

152 100

150 157.5 127.2 190.8

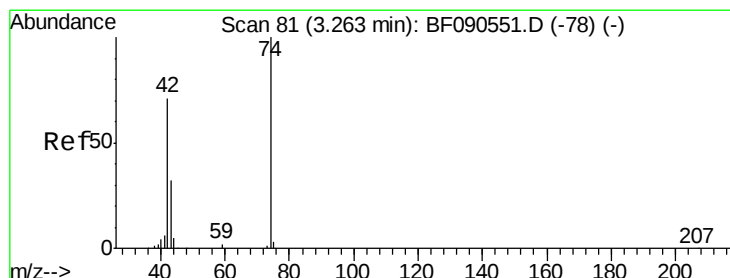
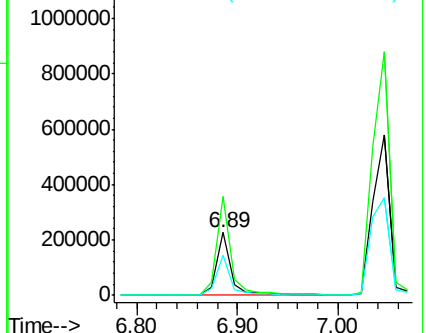
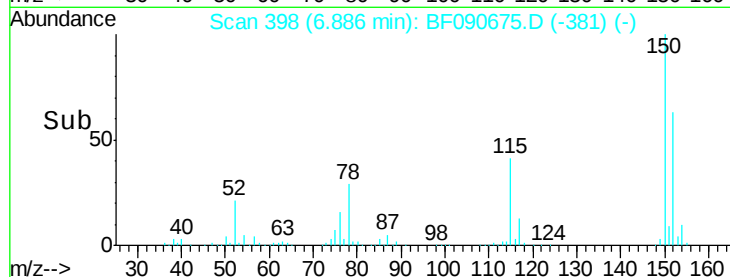
115 64.2 58.6 88.0



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: 7.21 ng

RT: 3.08 min Scan# 65

Delta R.T. -0.14 min

Lab File: BF090675.D

Acq: 20 Oct 2016 5:16

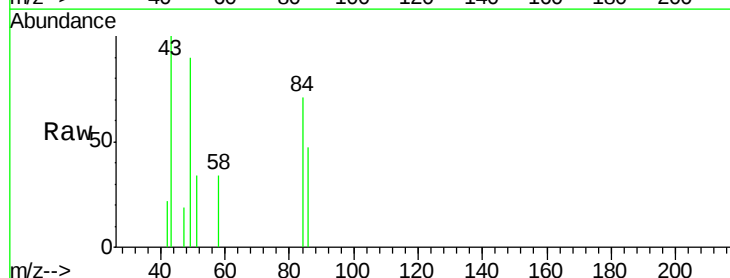
Tgt Ion: 42 Resp: 281

Ion Ratio Lower Upper

42 100

74 0.0 113.3 169.9#

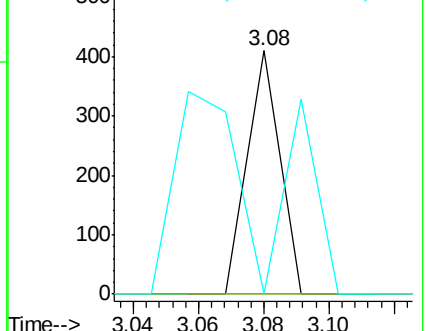
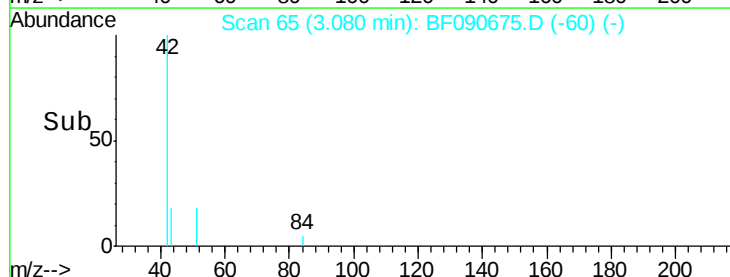
44 0.0 6.0 9.0#

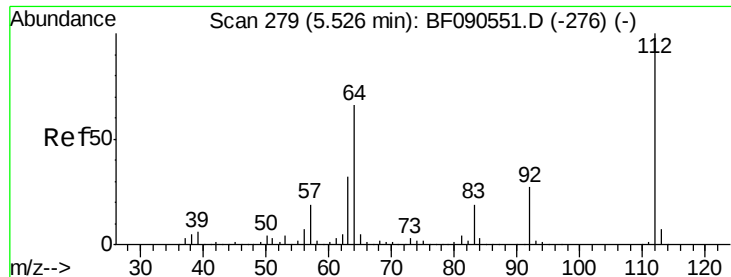


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 33.57 ng

RT: 5.48 min Scan# 275

Delta R.T. -0.01 min

Lab File: BF090675.D

Acq: 20 Oct 2016 5:16

Instrument :

BNA_F

ClientSampleId :

SUMP101416

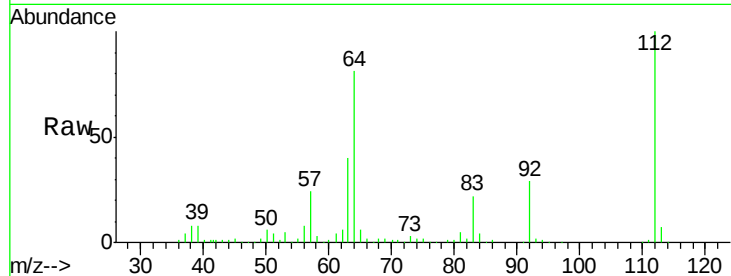
Tgt Ion: 112 Resp: 422066

Ion Ratio Lower Upper

112 100

64 80.9 52.6 78.8#

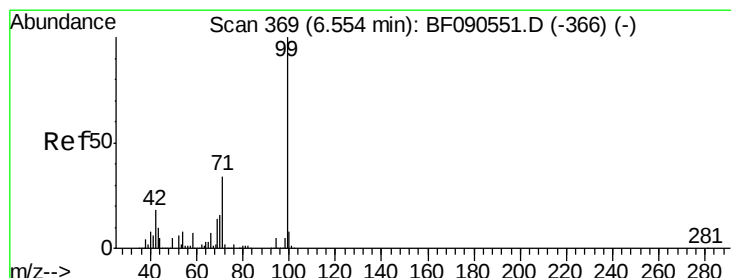
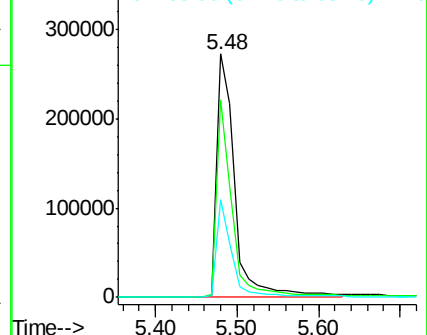
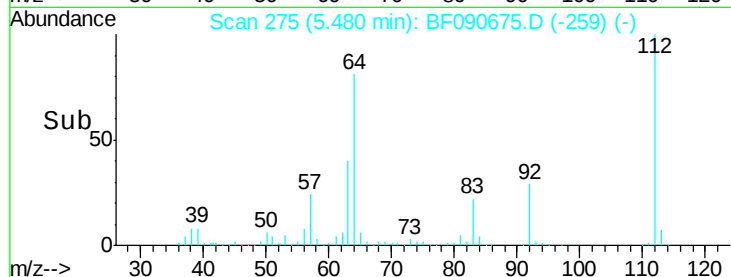
63 40.4 26.0 39.0#



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: 18.90 ng

RT: 6.51 min Scan# 365

Delta R.T. -0.02 min

Lab File: BF090675.D

Acq: 20 Oct 2016 5:16

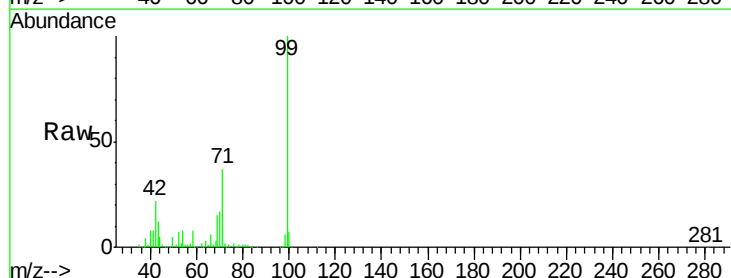
Tgt Ion: 99 Resp: 353197

Ion Ratio Lower Upper

99 100

42 21.8 14.7 22.1

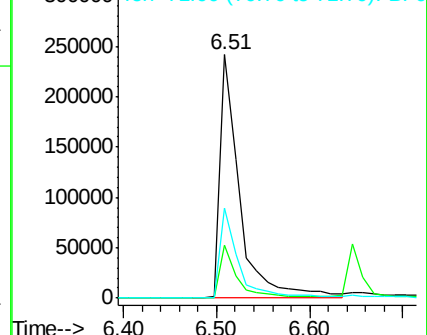
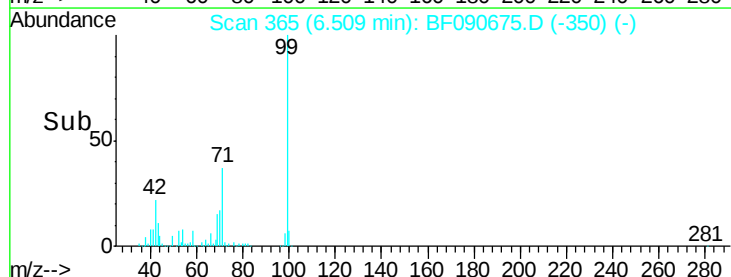
71 37.0 27.6 41.4

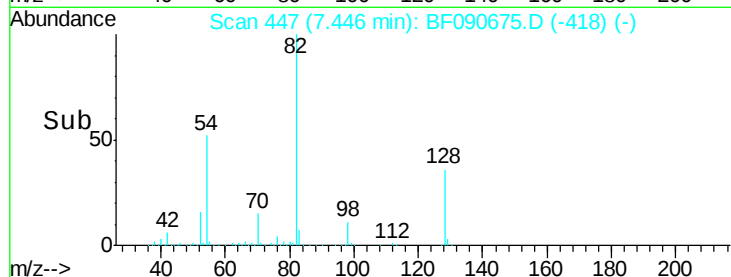
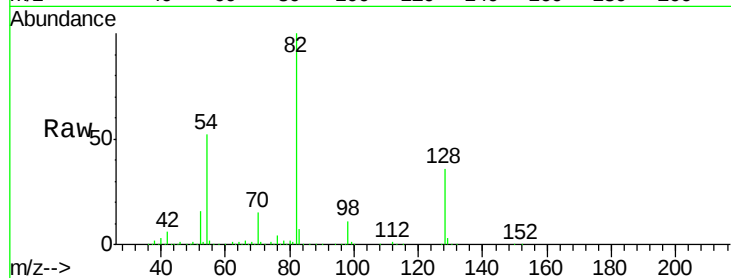
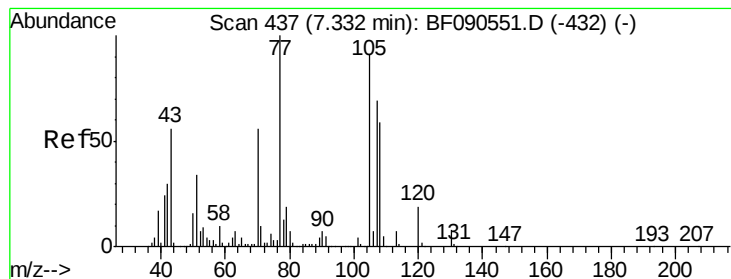


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 10.60 ng

RT: 7.45 min Scan# 447

Delta R.T. 0.14 min

Lab File: BF090675.D

Acq: 20 Oct 2016 5:16

Instrument :

BNA_F

ClientSampleId :

SUMP101416

Tgt Ion: 70 Resp: 135800

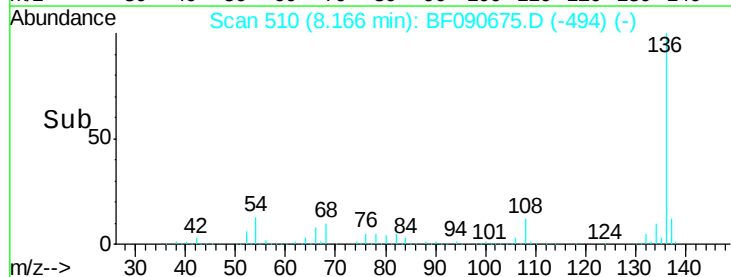
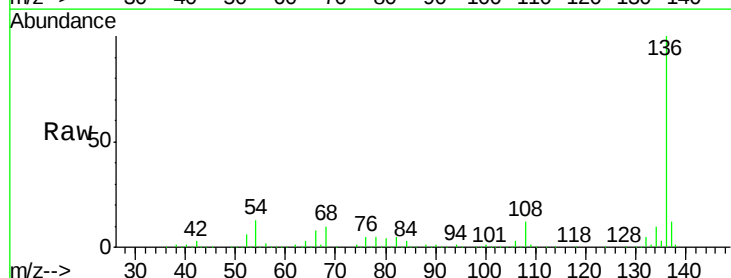
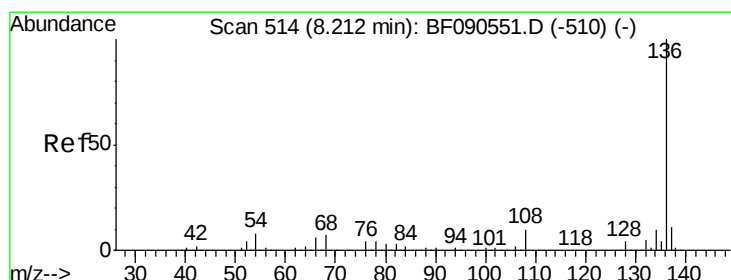
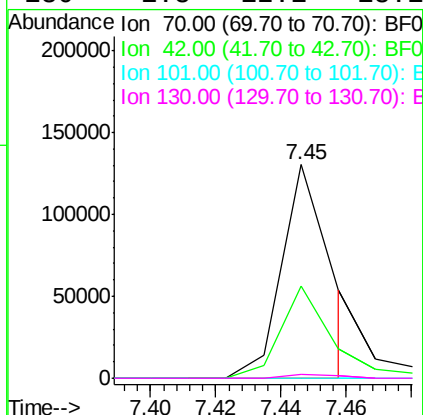
Ion Ratio Lower Upper

70 100

42 43.4 43.4 65.0

101 0.0 6.4 9.6#

130 1.8 12.1 18.1#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF090675.D

Acq: 20 Oct 2016 5:16

Tgt Ion: 136 Resp: 984504

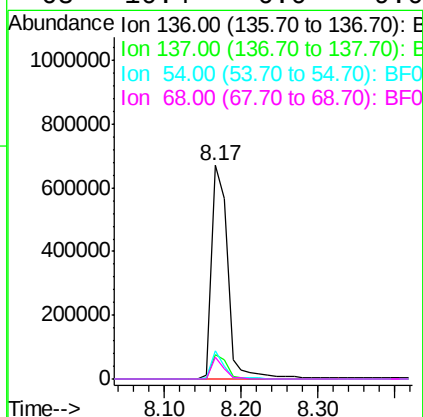
Ion Ratio Lower Upper

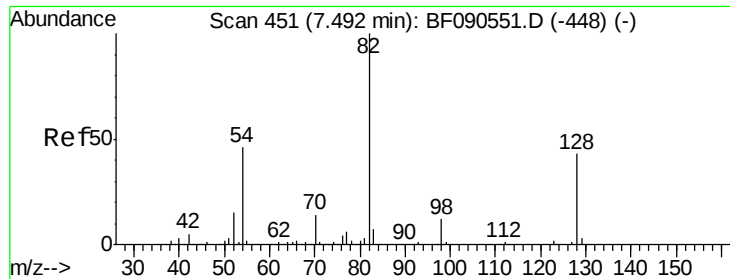
136 100

137 11.5 8.8 13.2

54 13.1 6.8 10.2#

68 10.4 6.0 9.0#

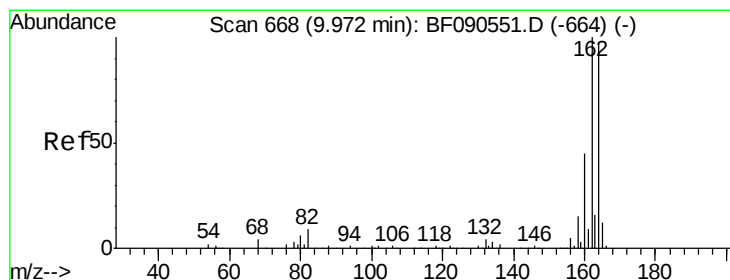
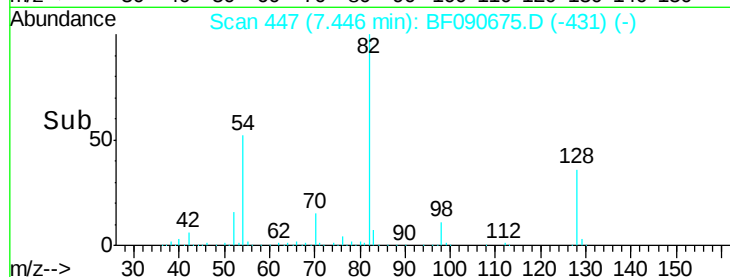
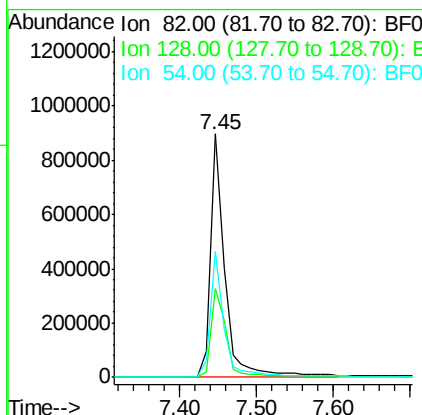
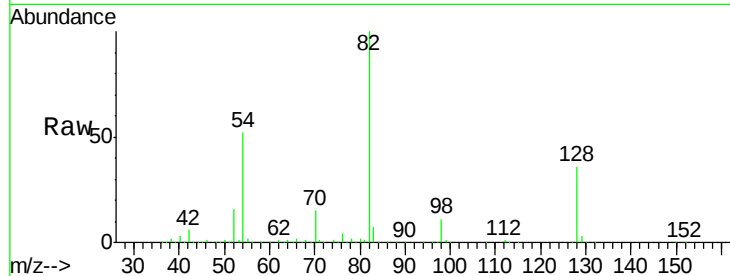




#23
 Nitrobenzene-d5
 Concen: 66.03 ng
 RT: 7.45 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF090675.D
 Acq: 20 Oct 2016 5:16

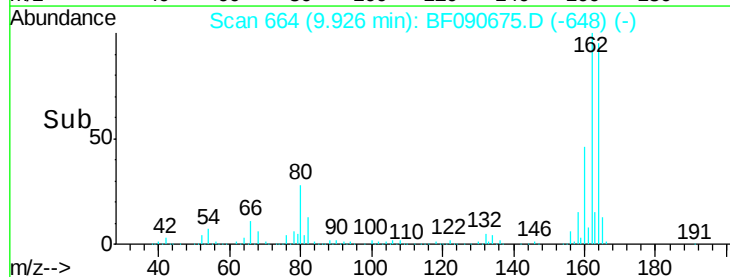
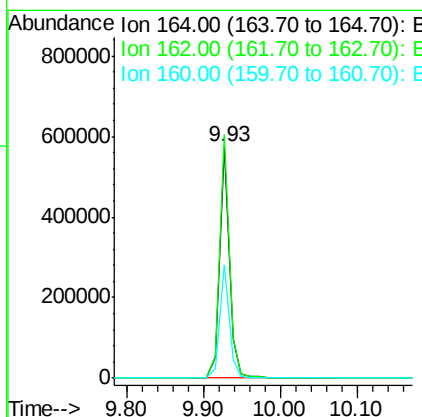
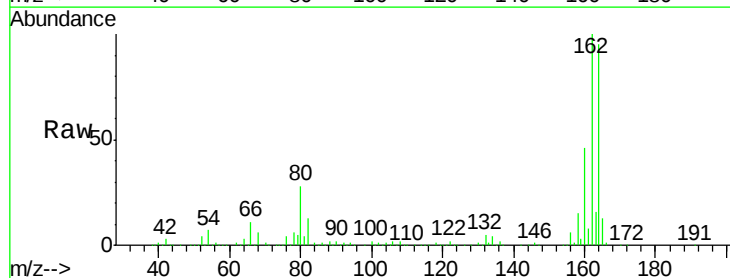
Instrument :
 BNA_F
 ClientSampleId :
 SUMP101416

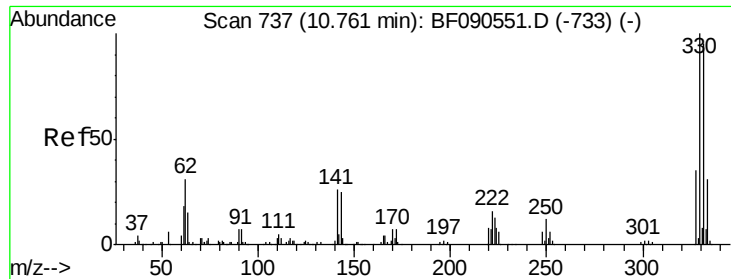
Tgt Ion: 82 Resp: 1170309
 Ion Ratio Lower Upper
 82 100
 128 36.4 34.3 51.5
 54 51.9 37.0 55.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF090675.D
 Acq: 20 Oct 2016 5:16

Tgt Ion: 164 Resp: 518976
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.2 123.4
 160 48.6 36.6 55.0

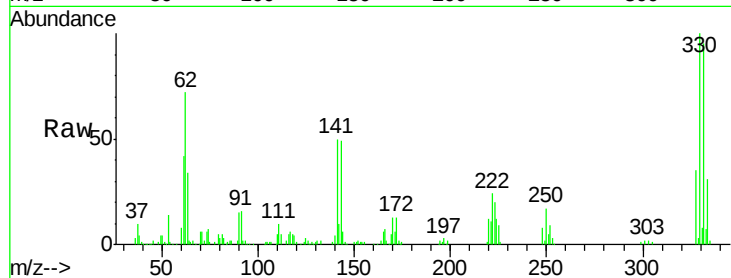




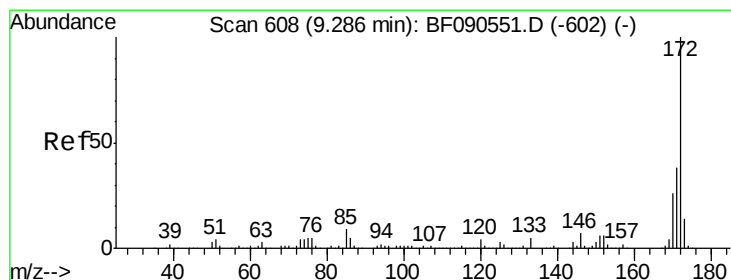
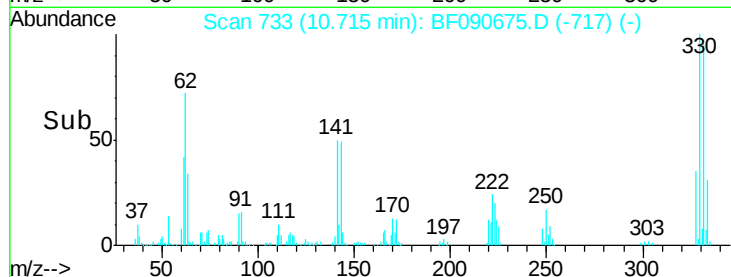
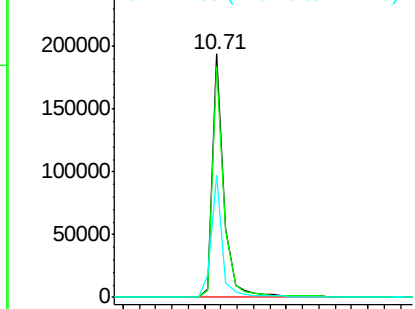
#41
 2,4,6-Tribromophenol
 Concen: 42.27 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF090675.D
 Acq: 20 Oct 2016 5:16

Instrument :
 BNA_F
 ClientSampleId :
 SUMP101416

Tgt Ion:330 Resp: 195595
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.2 114.2
 141 49.6 31.4 47.2#

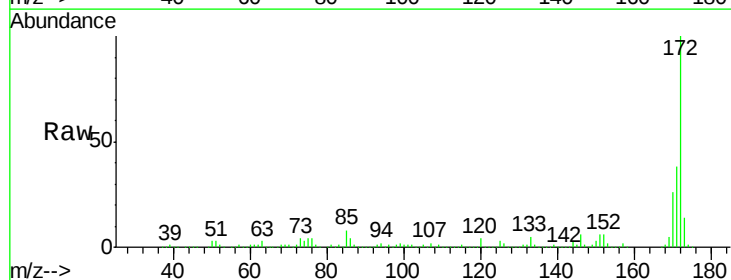


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

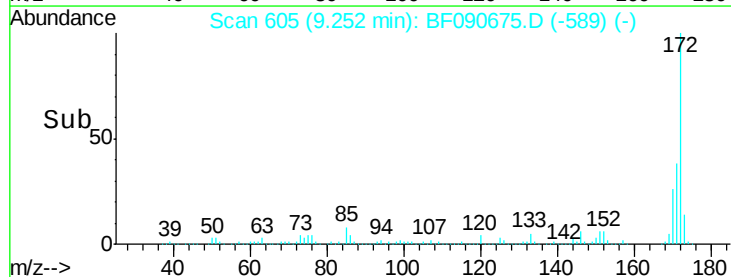
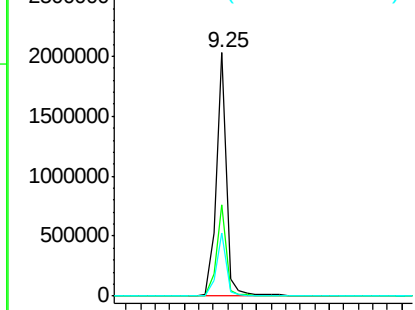


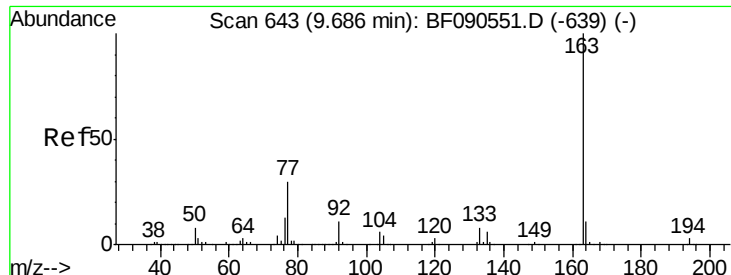
#44
 2-Fluorobiphenyl
 Concen: 62.50 ng
 RT: 9.25 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF090675.D
 Acq: 20 Oct 2016 5:16

Tgt Ion:172 Resp: 1968690
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.1 45.1
 170 26.0 20.6 30.8



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: 3.52 ng

RT: 9.64 min Scan# 639

Delta R.T. -0.02 min

Lab File: BF090675.D

Acq: 20 Oct 2016 5:16

Instrument :

BNA_F

ClientSampleId :

SUMP101416

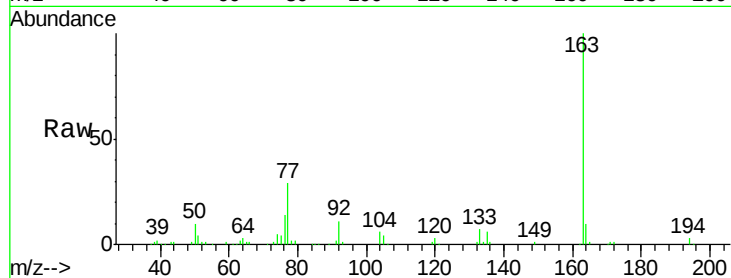
Tgt Ion:163 Resp: 118587

Ion Ratio Lower Upper

163 100

194 2.7 2.3 3.5

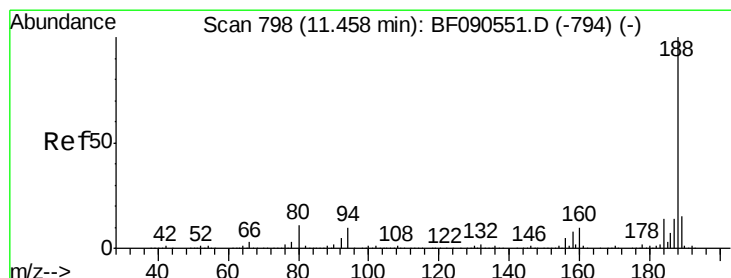
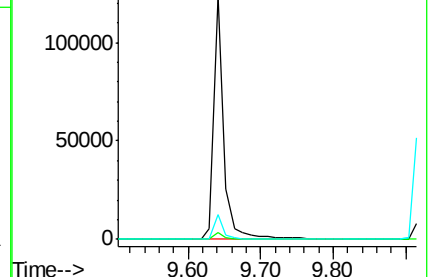
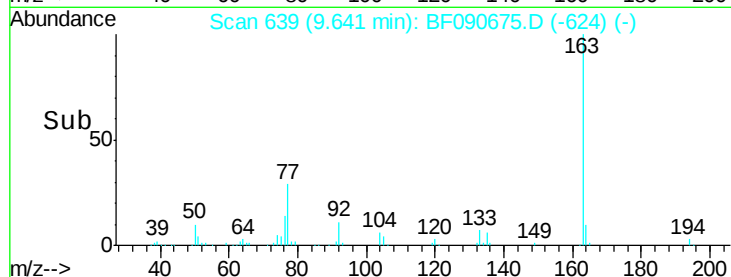
164 10.1 8.6 13.0



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: BF090675.D

Acq: 20 Oct 2016 5:16

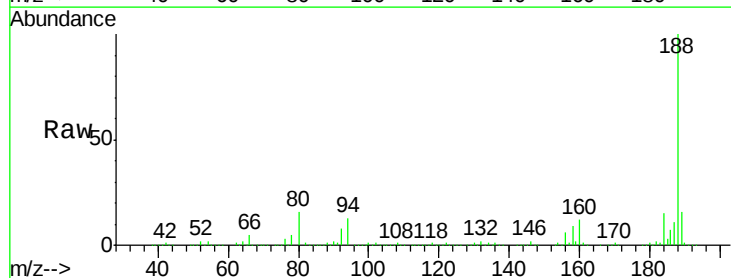
Tgt Ion:188 Resp: 737100

Ion Ratio Lower Upper

188 100

94 13.5 7.7 11.5#

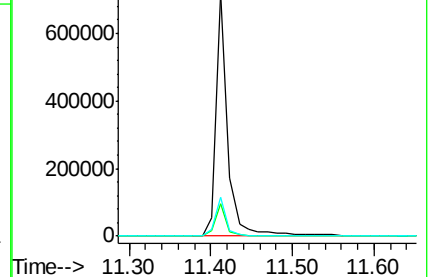
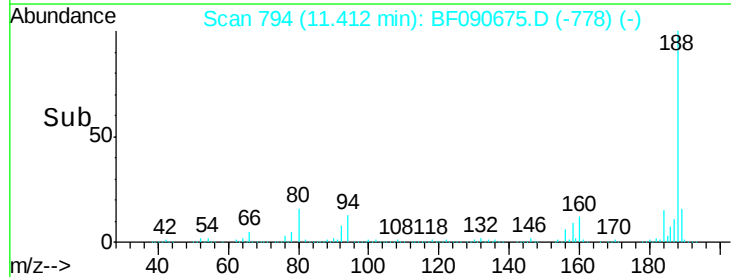
80 16.1 8.6 12.8#

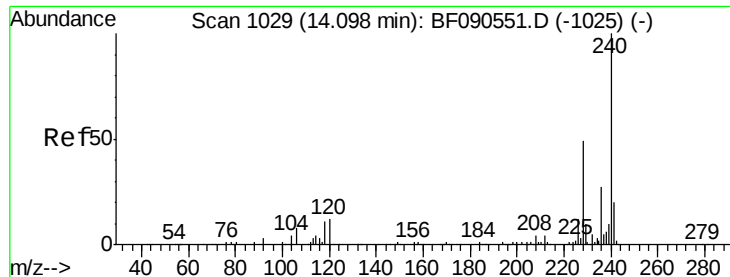


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF090675.D

Acq: 20 Oct 2016 5:16

Instrument :

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ClientSampleId :

SUMP101416

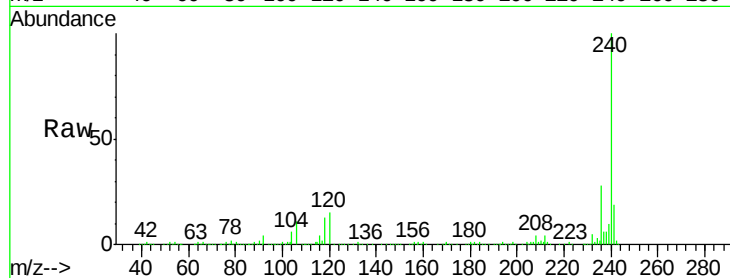
Tgt Ion:240 Resp: 471098

Ion Ratio Lower Upper

240 100

120 14.9 9.8 14.8#

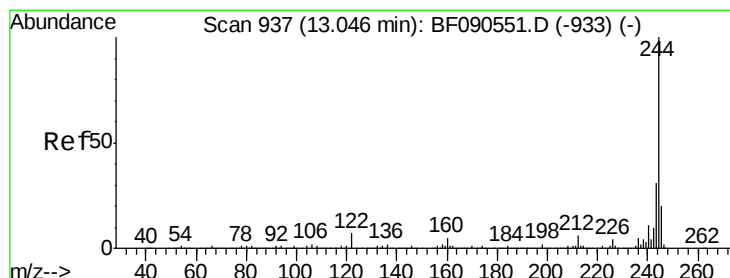
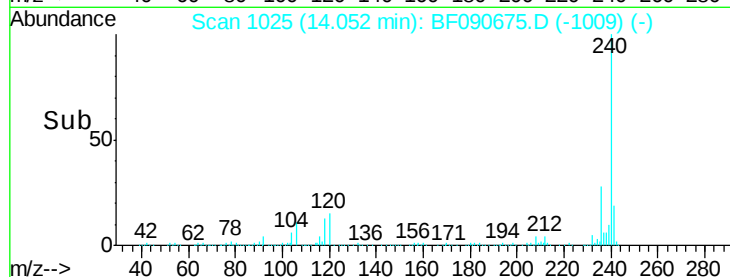
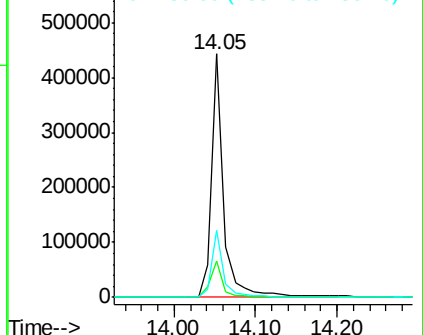
236 27.7 21.7 32.5



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: 75.28 ng

RT: 13.00 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF090675.D

Acq: 20 Oct 2016 5:16

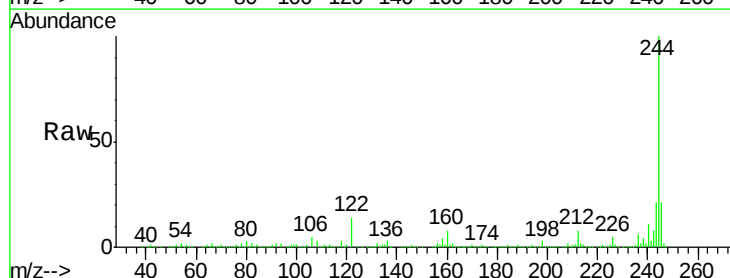
Tgt Ion:244 Resp: 1523169

Ion Ratio Lower Upper

244 100

212 7.8 5.0 7.4#

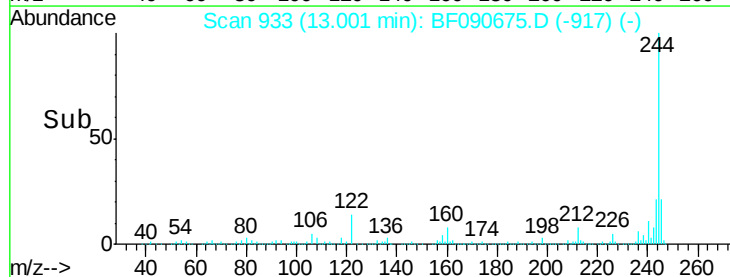
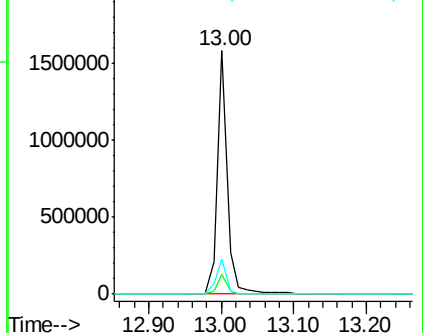
122 14.4 5.6 8.4#

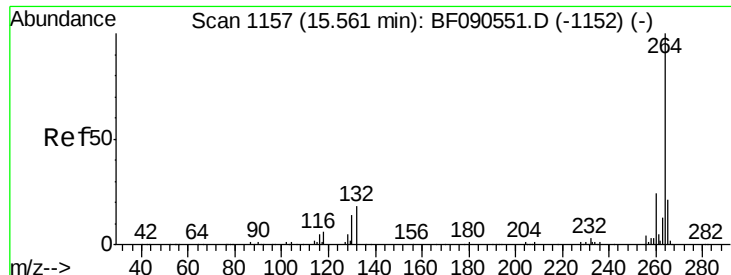


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

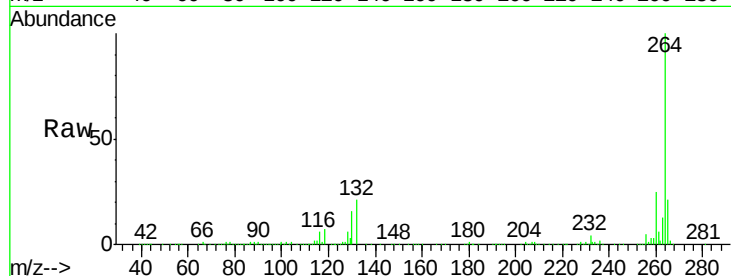




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF090675.D
Acq: 20 Oct 2016 5:16

Instrument :
BNA_F
ClientSampleId :
SUMP101416

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.3	28.9
265	21.2	16.7	25.1



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

