

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
 Data File : BF090590.D
 Acq On : 15 Oct 2016 6:41
 Operator : UM/SJ
 Sample : H5193-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A5-A6-A5A-A6A

Quant Time: Oct 17 00:46:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 12:44:45 2016
 Response via : Initial Calibration

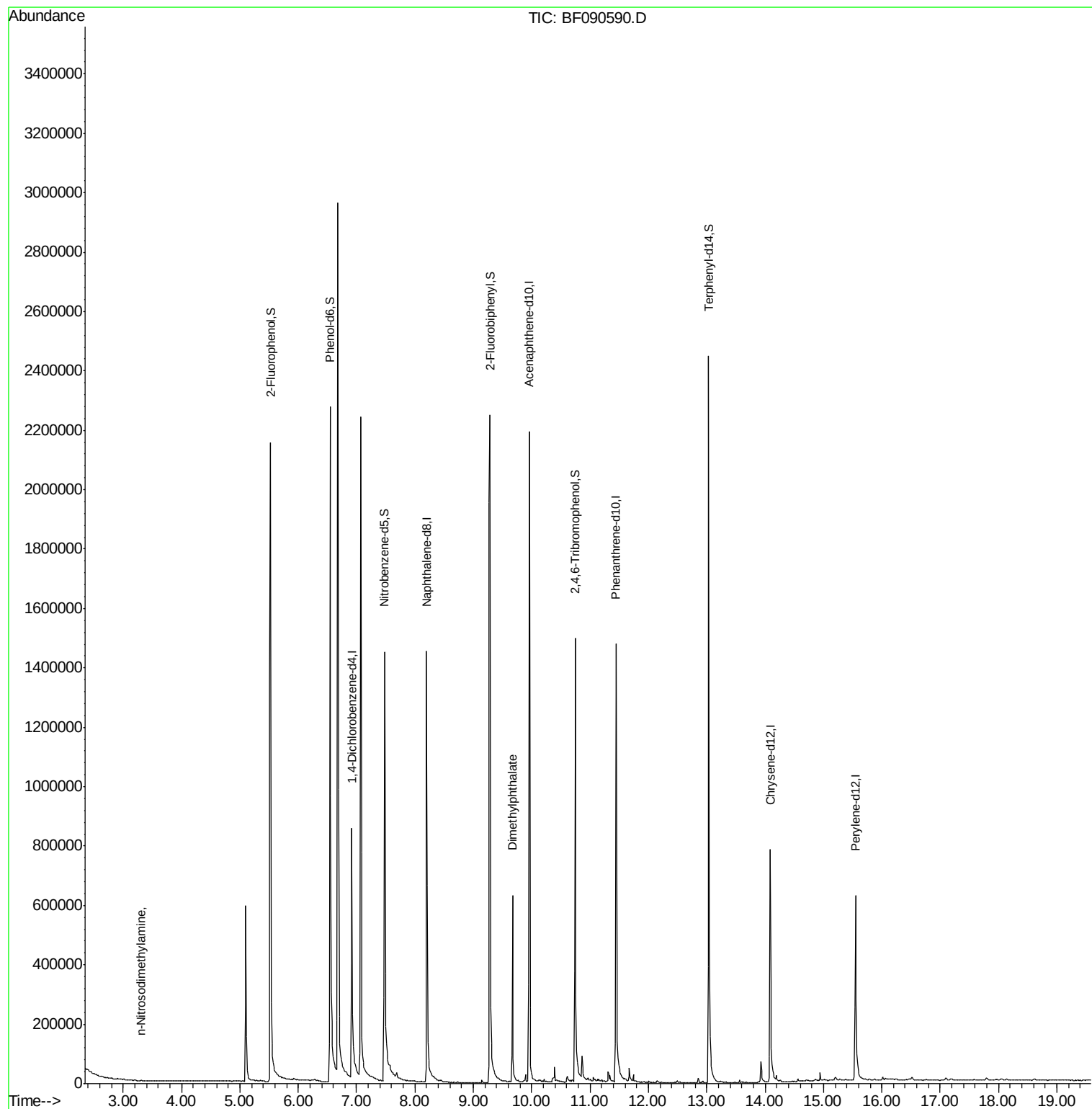
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	192123	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	849458	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	445162	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	625353	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	353418	20.00	ng	-0.01
86) Perylene-d12	15.55	264	325547	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	824991	78.72	ng	0.00
7) Phenol-d6	6.54	99	1073859	68.96	ng	-0.01
23) Nitrobenzene-d5	7.48	82	711592	46.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	180210	45.41	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	1129536	41.81	ng	0.00
78) Terphenyl-d14	13.03	244	834219	54.96	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.30	42	451	7.25	ng	Qvalue # 1
49) Dimethylphthalate	9.67	163	260477	9.02	ng	98

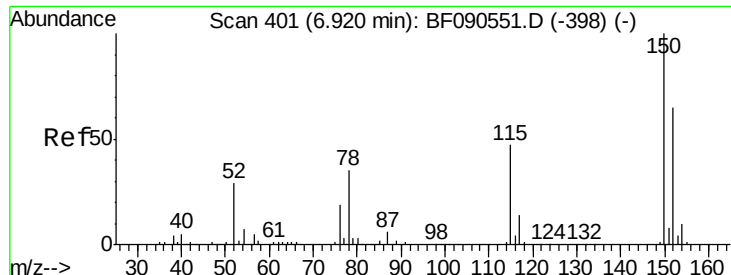
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF090590.D

Acq: 15 Oct 2016 6:41

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A5-A6-A5A-A6A

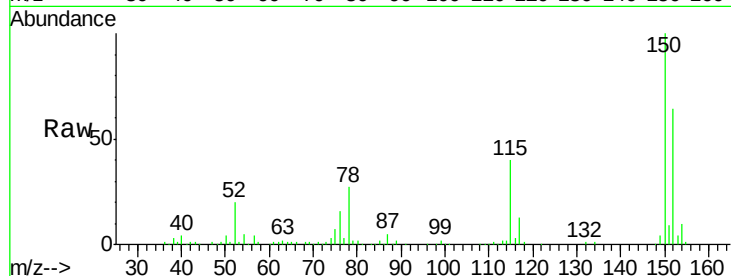
Tgt Ion: 152 Resp: 192123

Ion Ratio Lower Upper

152 100

150 155.5 127.2 190.8

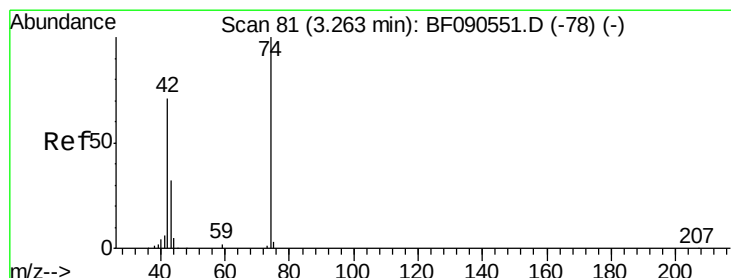
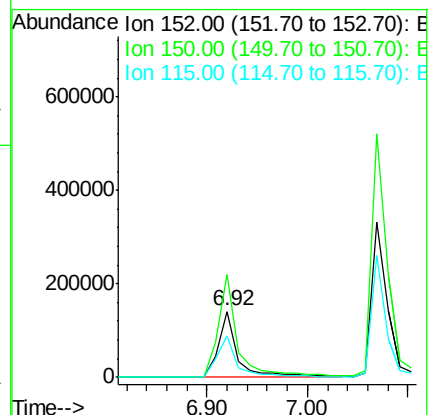
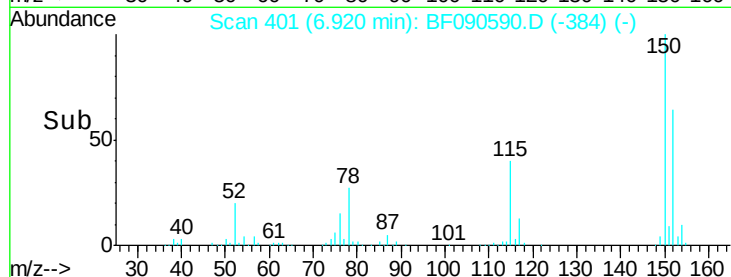
115 62.7 58.6 88.0



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: 7.25 ng

RT: 3.30 min Scan# 84

Delta R.T. 0.03 min

Lab File: BF090590.D

Acq: 15 Oct 2016 6:41

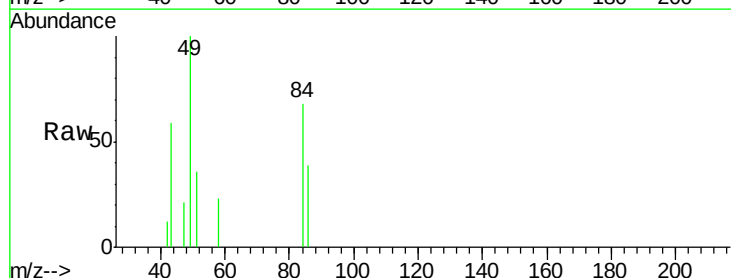
Tgt Ion: 42 Resp: 451

Ion Ratio Lower Upper

42 100

74 0.0 113.3 169.9#

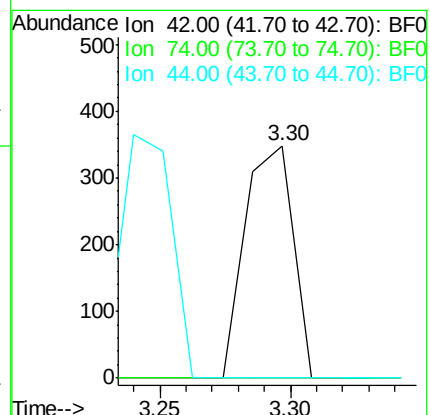
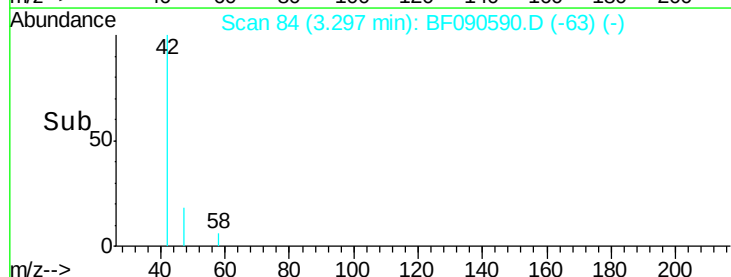
44 0.0 6.0 9.0#

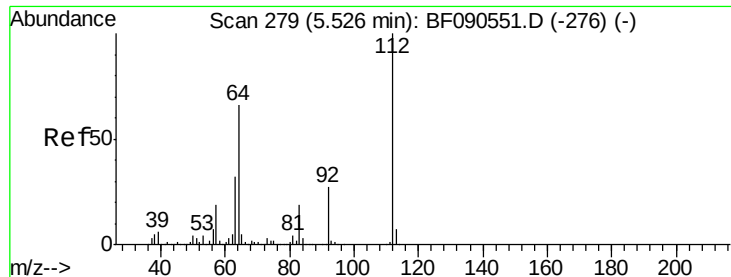


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 78.72 ng

RT: 5.53 min Scan# 279

Delta R.T. 0.00 min

Lab File: BF090590.D

Acq: 15 Oct 2016 6:41

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A5-A6-A5A-A6A

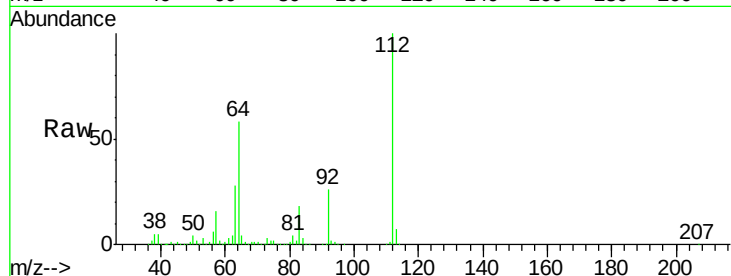
Tgt Ion:112 Resp: 824991

Ion Ratio Lower Upper

112 100

64 57.8 52.6 78.8

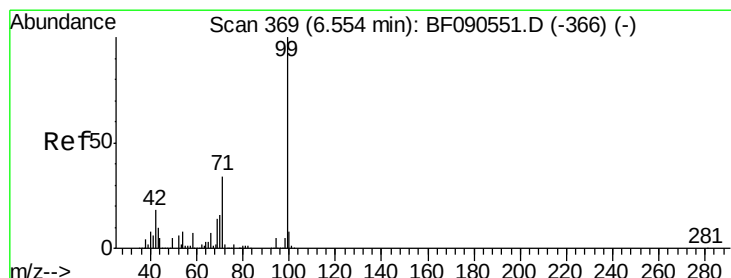
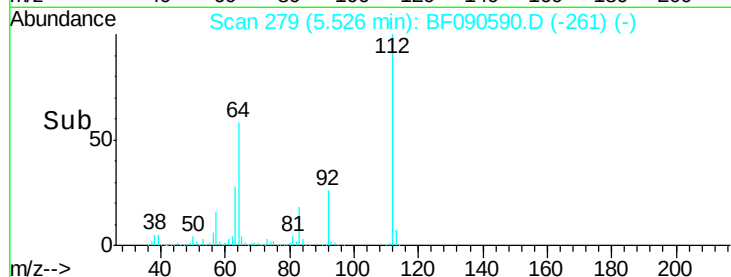
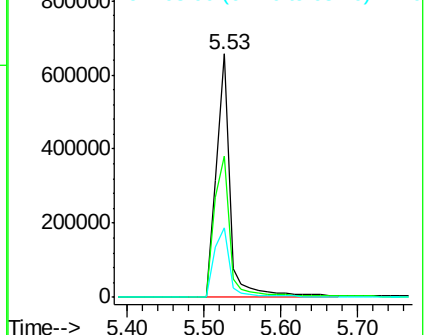
63 28.4 26.0 39.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 68.96 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF090590.D

Acq: 15 Oct 2016 6:41

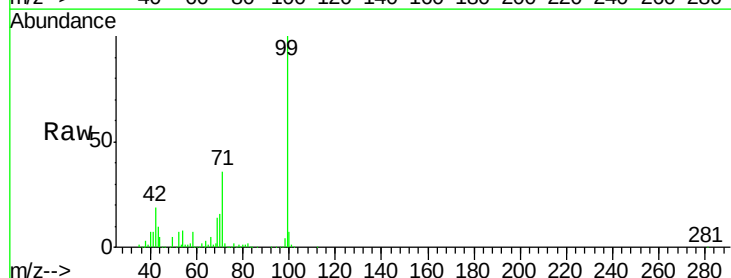
Tgt Ion: 99 Resp: 1073859

Ion Ratio Lower Upper

99 100

42 19.2 14.7 22.1

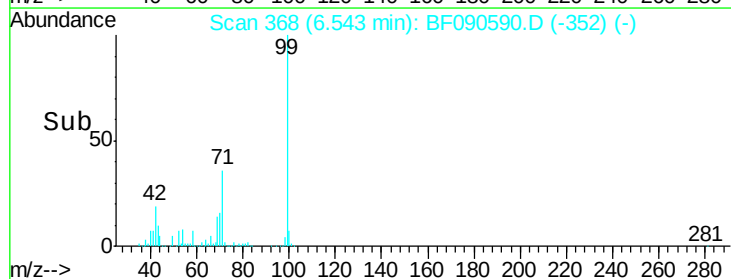
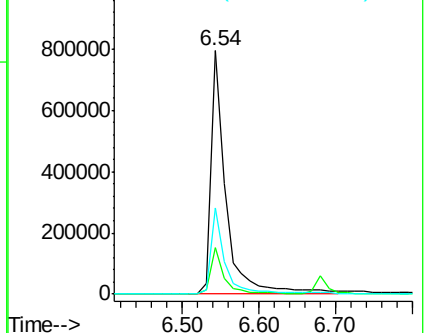
71 35.6 27.6 41.4

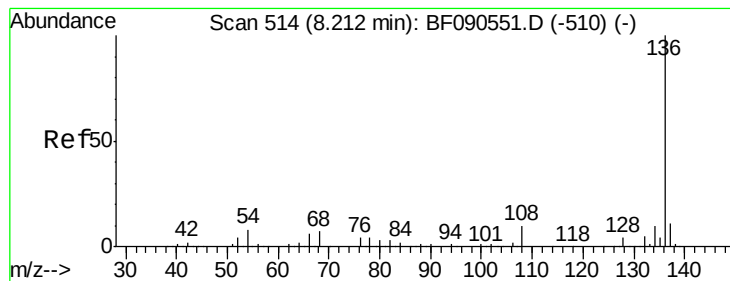


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF090590.D

Acq: 15 Oct 2016 6:41

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A5-A6-A5A-A6A

Tgt Ion: 136 Resp: 849458

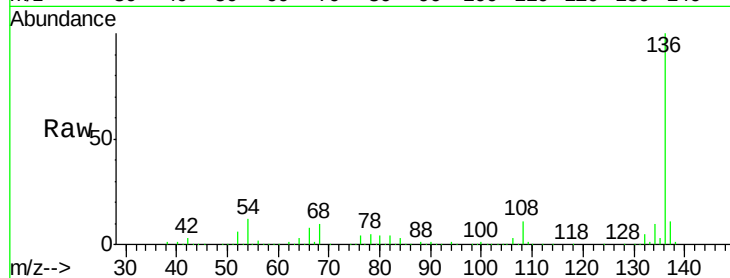
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 12.1 6.8 10.2#

68 9.8 6.0 9.0#

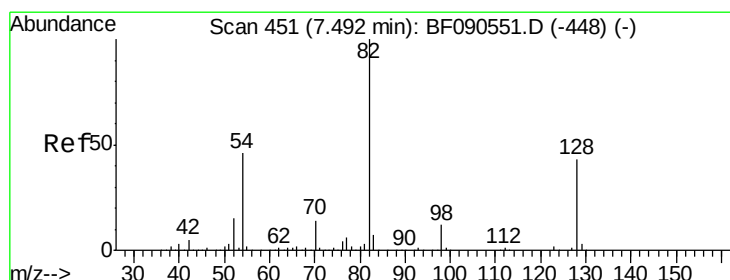
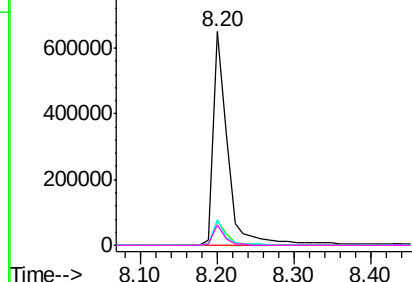
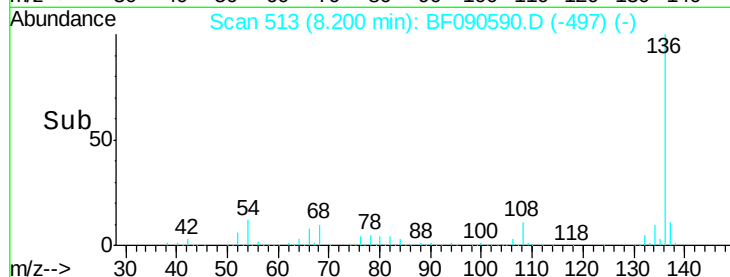


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.53 ng

RT: 7.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF090590.D

Acq: 15 Oct 2016 6:41

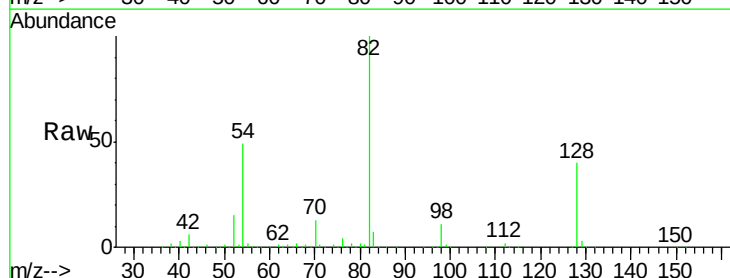
Tgt Ion: 82 Resp: 711592

Ion Ratio Lower Upper

82 100

128 39.7 34.3 51.5

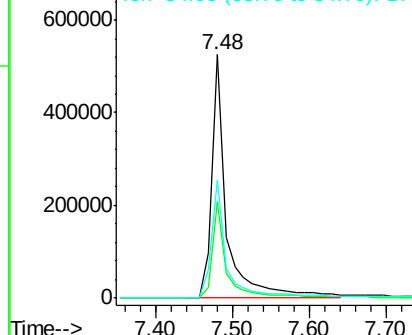
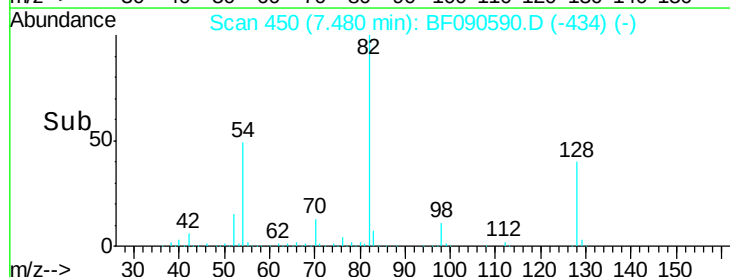
54 48.8 37.0 55.6

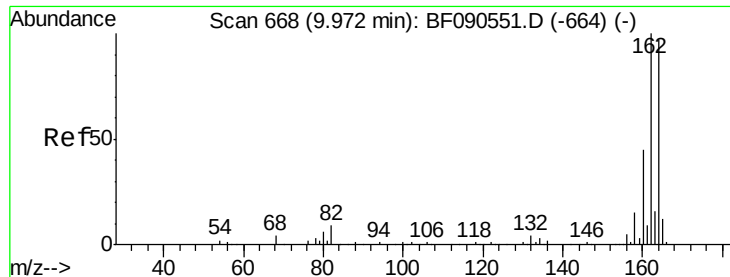


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

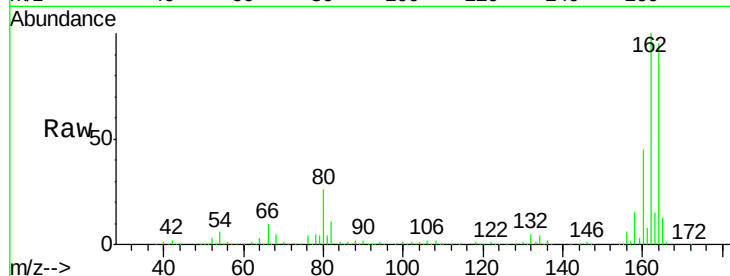




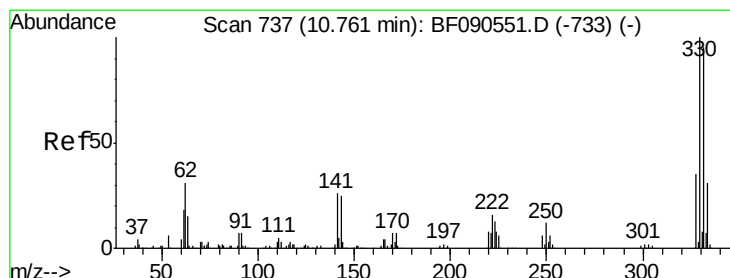
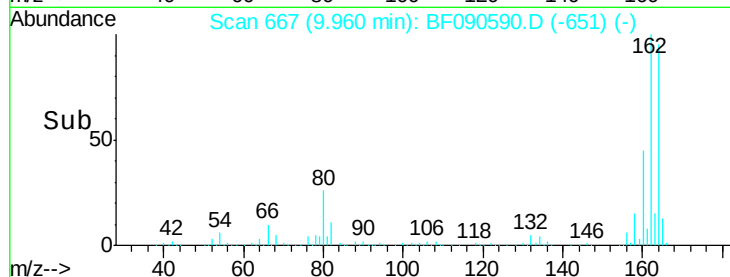
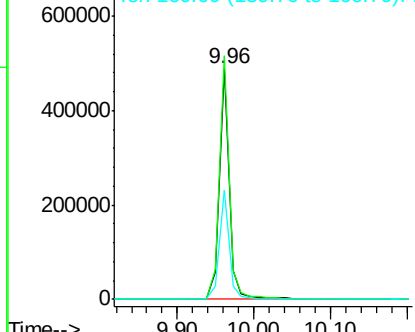
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 667
 Delta R.T. -0.01 min
 Lab File: BF090590.D
 Acq: 15 Oct 2016 6:41

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A5-A6-A5A-A6A

Tgt Ion:164 Resp: 445162
 Ion Ratio Lower Upper
 164 100
 162 105.6 82.2 123.4
 160 47.5 36.6 55.0

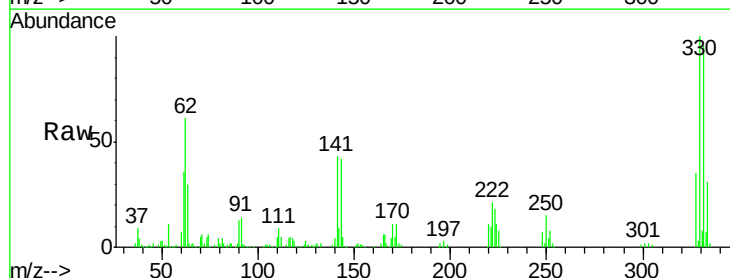


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

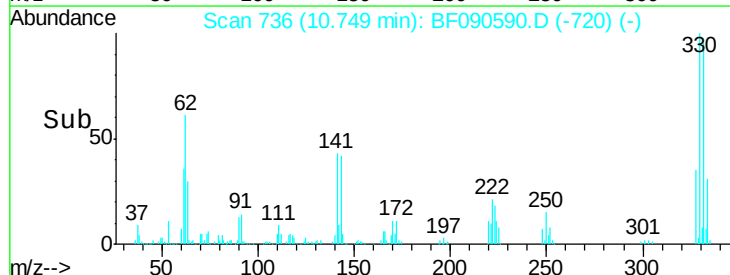
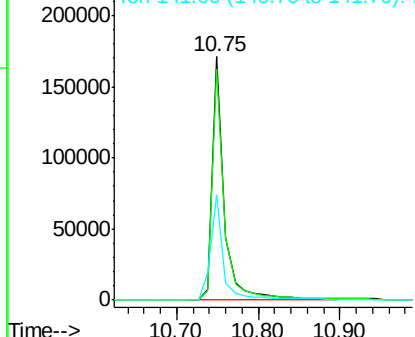


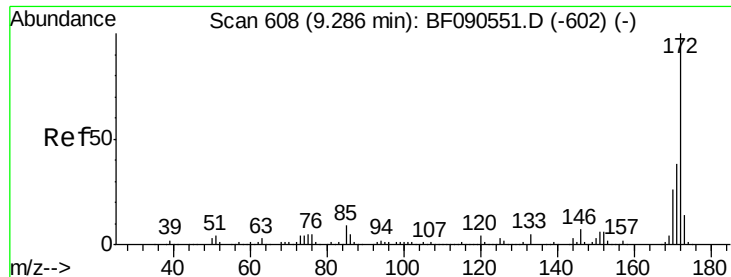
#41
 2,4,6-Tribromophenol
 Concen: 45.41 ng
 RT: 10.75 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF090590.D
 Acq: 15 Oct 2016 6:41

Tgt Ion:330 Resp: 180210
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.2 114.2
 141 47.3 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

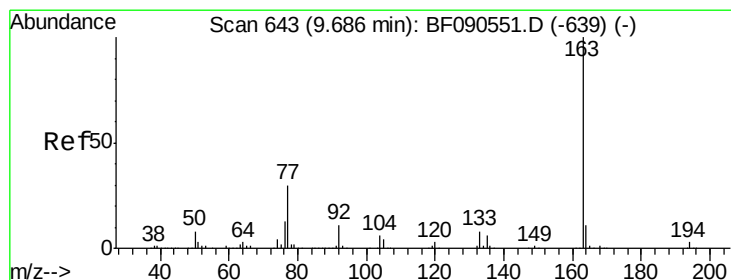
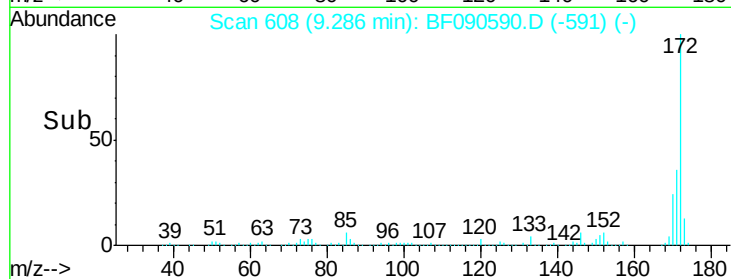
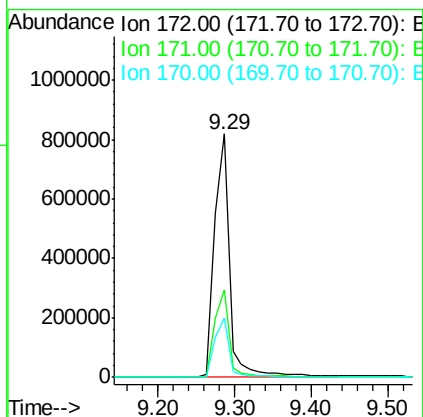
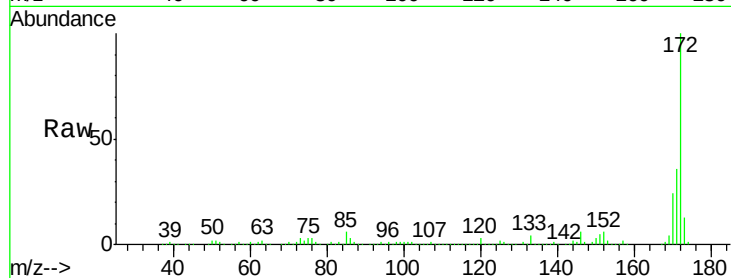




#44
 2-Fluorobiphenyl
 Concen: 41.81 ng
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090590.D
 Acq: 15 Oct 2016 6:41

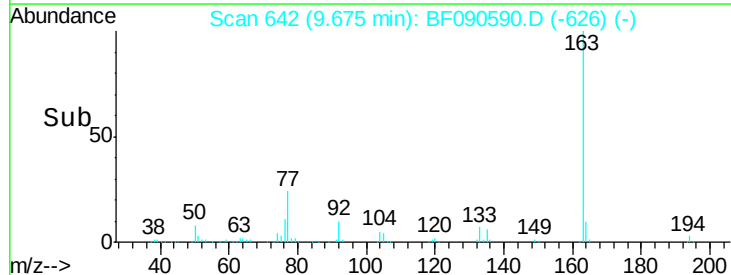
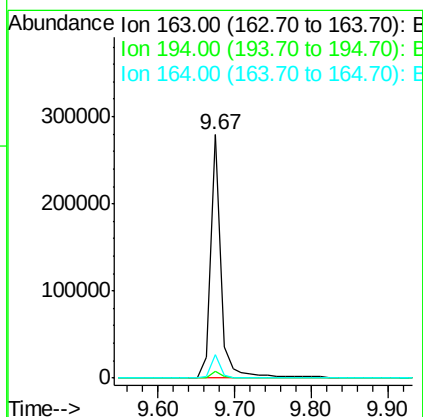
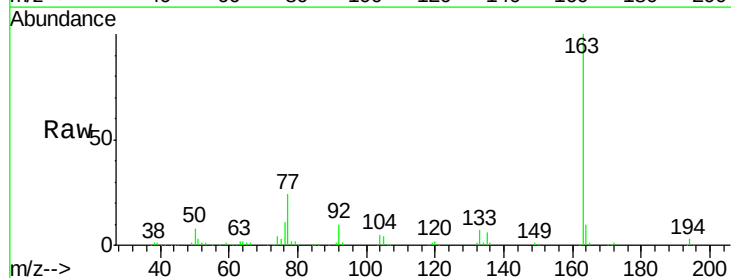
Instrument :
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 ClientSampleId :
 FK-BPM-01-A5-A6-A5A-A6A

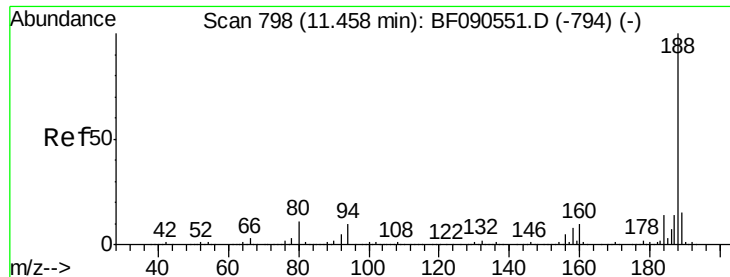
Tgt Ion:172 Resp: 1129536
 Ion Ratio Lower Upper
 172 100
 171 35.8 30.1 45.1
 170 24.2 20.6 30.8



#49
 Dimethylphthalate
 Concen: 9.02 ng
 RT: 9.67 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF090590.D
 Acq: 15 Oct 2016 6:41

Tgt Ion:163 Resp: 260477
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.3 3.5
 164 9.8 8.6 13.0

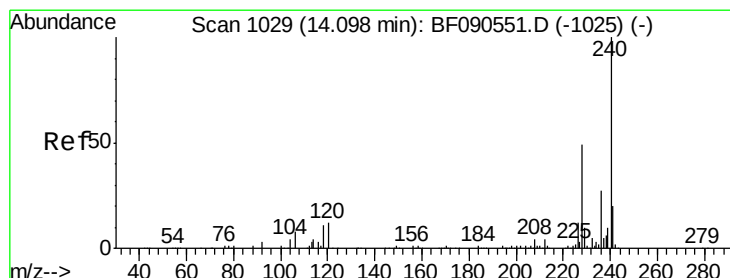
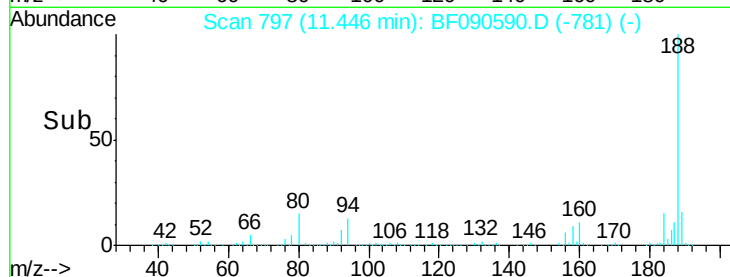
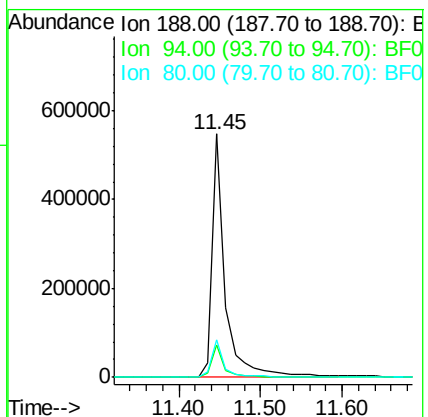
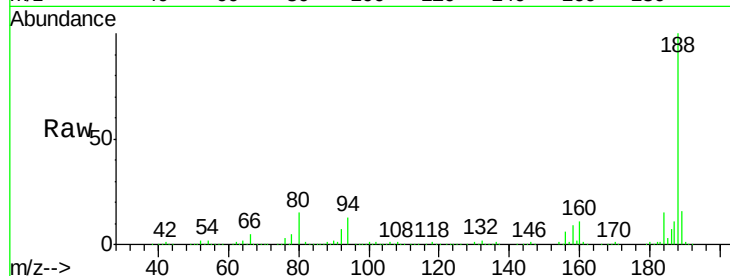




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF090590.D
Acq: 15 Oct 2016 6:41

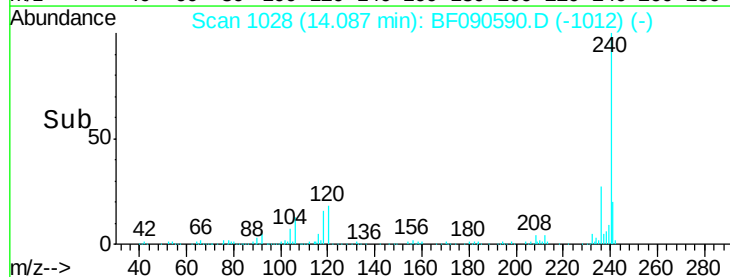
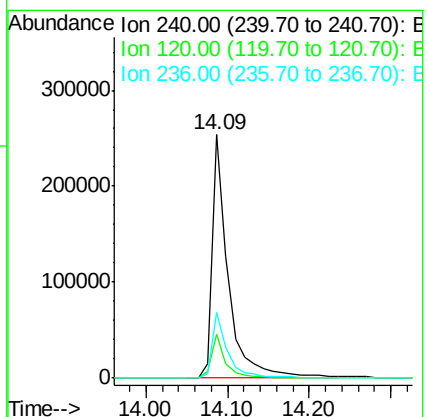
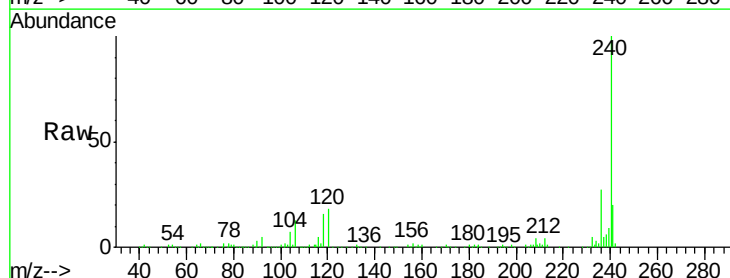
Instrument :
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FK-BPM-01-A5-A6-A5A-A6A

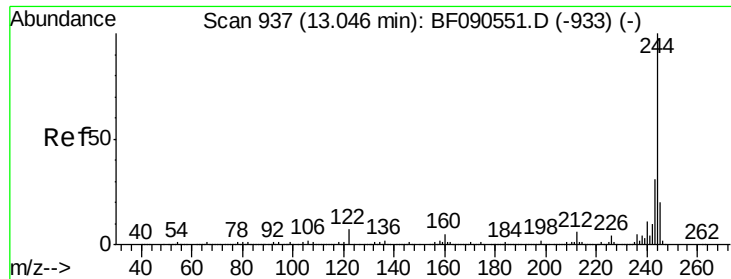
Tgt Ion:188 Resp: 625353
Ion Ratio Lower Upper
188 100
94 13.4 7.7 11.5#
80 15.4 8.6 12.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF090590.D
Acq: 15 Oct 2016 6:41

Tgt Ion:240 Resp: 353418
Ion Ratio Lower Upper
240 100
120 17.9 9.8 14.8#
236 27.2 21.7 32.5

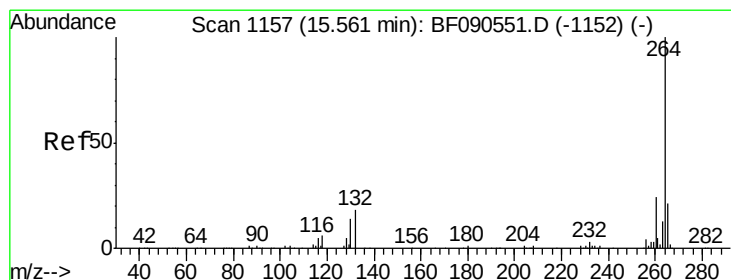
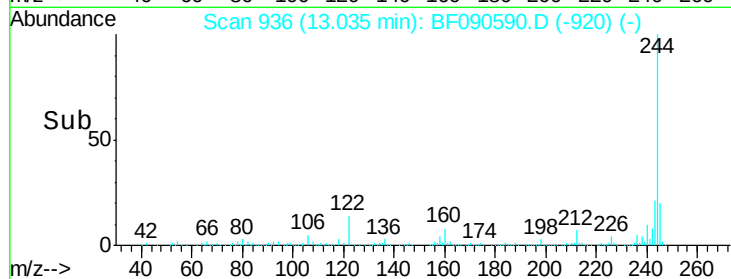
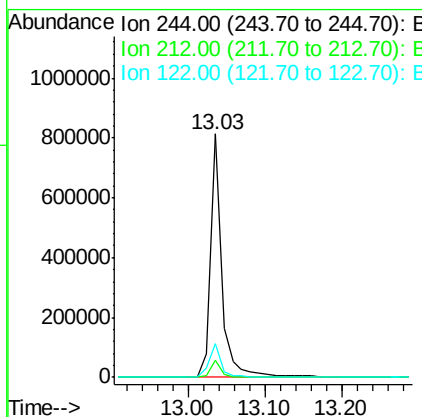
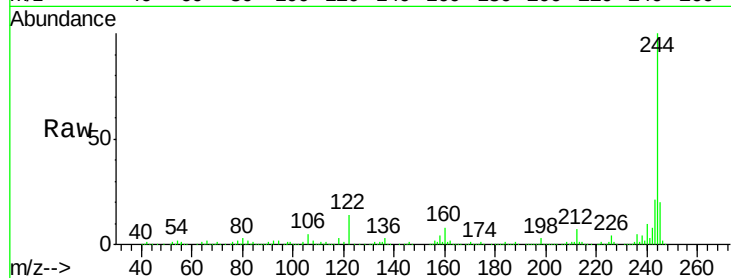




#78
 Terphenyl-d14
 Concen: 54.96 ng
 RT: 13.03 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF090590.D
 Acq: 15 Oct 2016 6:41

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A5-A6-A5A-A6A

Tgt Ion:244 Resp: 834219
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.0 7.4
 122 13.6 5.6 8.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.55 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF090590.D
 Acq: 15 Oct 2016 6:41

Tgt Ion:264 Resp: 325547
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.3 28.9
 265 21.7 16.7 25.1

