

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101916\
 Data File : BF090674.D
 Acq On : 20 Oct 2016 4:49
 Operator : UM/SJ
 Sample : PB94170BL
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94170BL

Quant Time: Oct 20 06:36:59 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

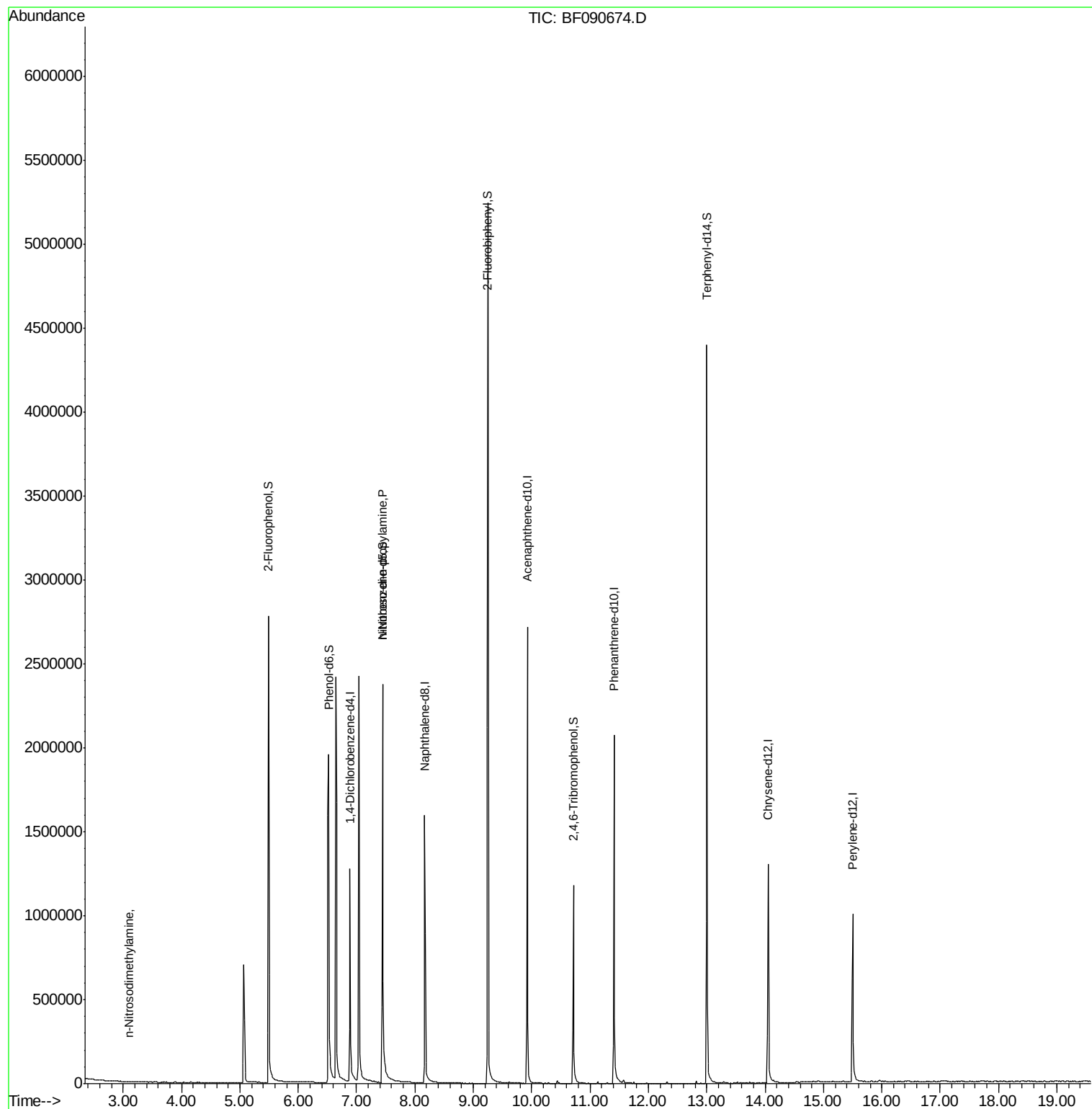
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	227193	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	984720	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	546153	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	769906	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	491178	20.00	ng	-0.01
86) Perylene-d12	15.50	264	525443	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	800606	64.60	ng	0.00
7) Phenol-d6	6.52	99	1117017	60.66	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1037408	58.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	136210	27.97	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1859397	56.10	ng	-0.01
78) Terphenyl-d14	13.00	244	1364116	64.66	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.09	42	758	7.28	ng	# 1
19) n-Nitroso-di-n-propylamine	7.45	70	117790	9.33	ng	# 79

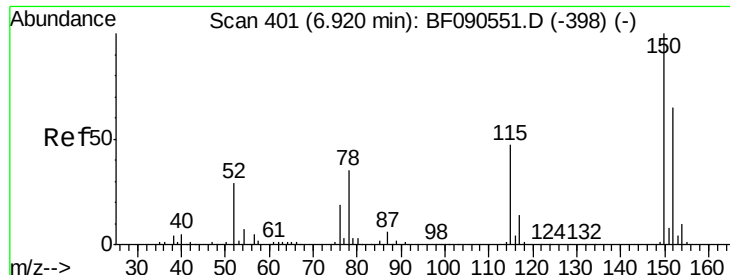
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090674.D

Acq: 20 Oct 2016 4:49

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BNA_F

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PB94170BL

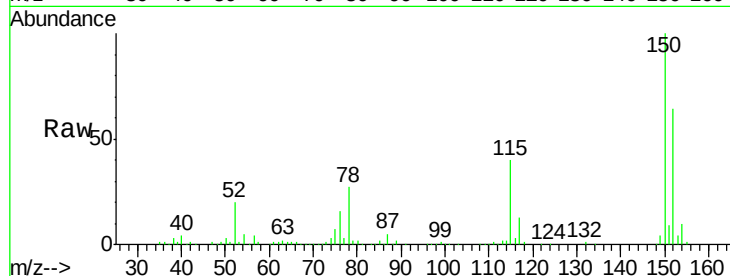
Tgt Ion:152 Resp: 227193

Ion Ratio Lower Upper

152 100

150 155.9 127.2 190.8

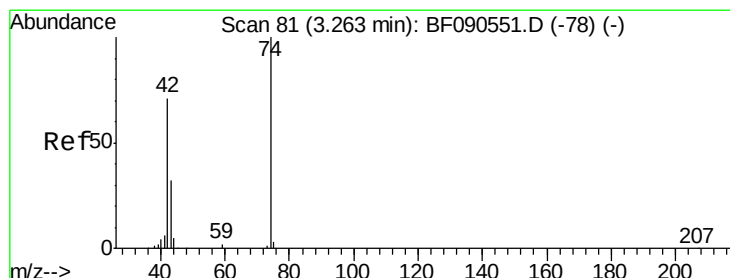
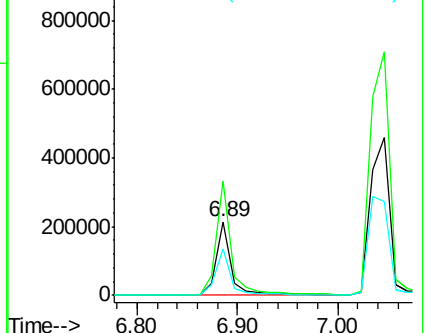
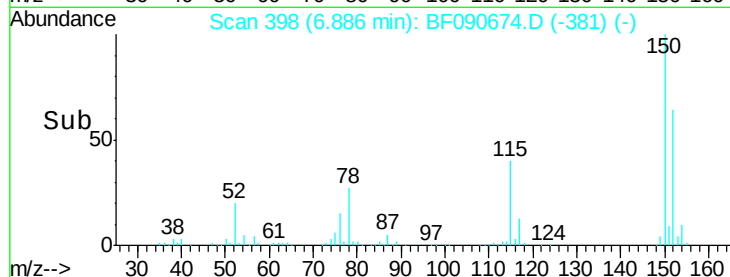
115 62.6 58.6 88.0



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: 7.28 ng

RT: 3.09 min Scan# 66

Delta R.T. -0.13 min

Lab File: BF090674.D

Acq: 20 Oct 2016 4:49

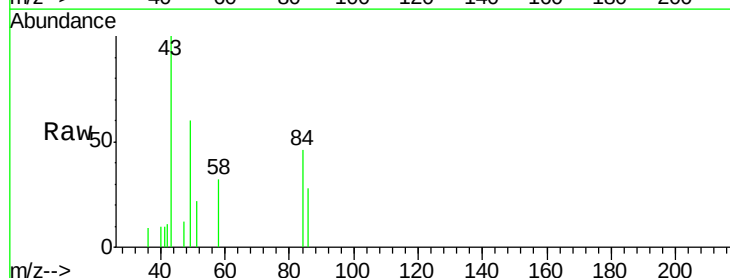
Tgt Ion: 42 Resp: 758

Ion Ratio Lower Upper

42 100

74 0.0 113.3 169.9#

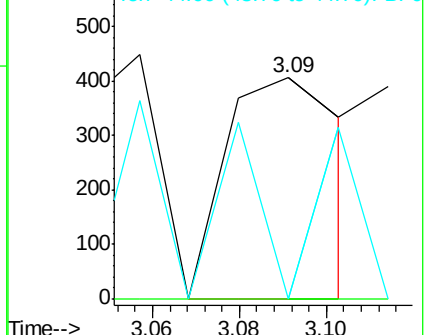
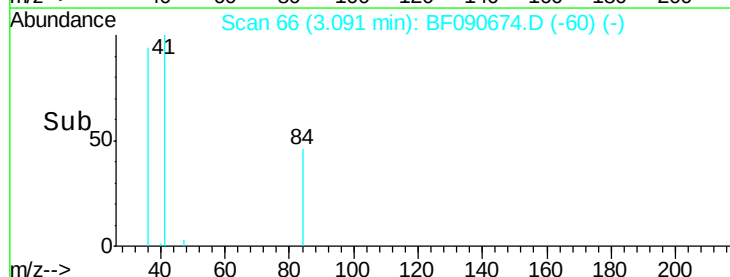
44 0.0 6.0 9.0#

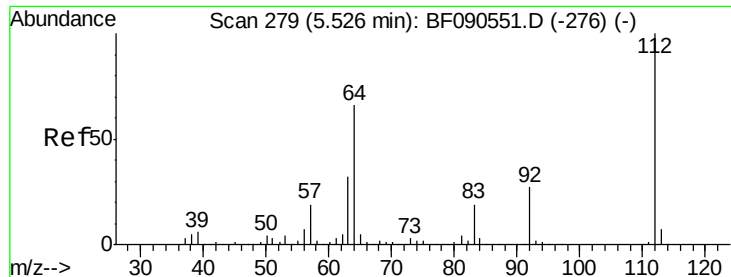


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 64.60 ng

RT: 5.49 min Scan# 276

Delta R.T. -0.00 min

Lab File: BF090674.D

Acq: 20 Oct 2016 4:49

Instrument :

BNA_F

ClientSampleId :

PB94170BL

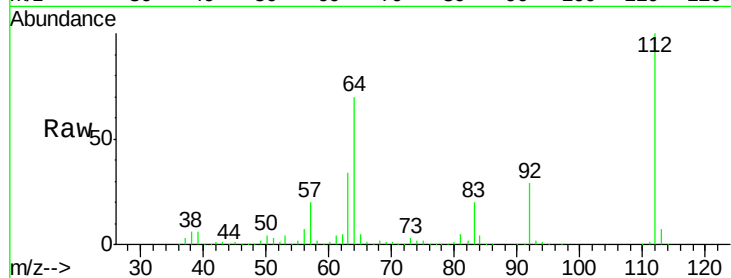
Tgt Ion: 112 Resp: 800606

Ion Ratio Lower Upper

112 100

64 70.3 52.6 78.8

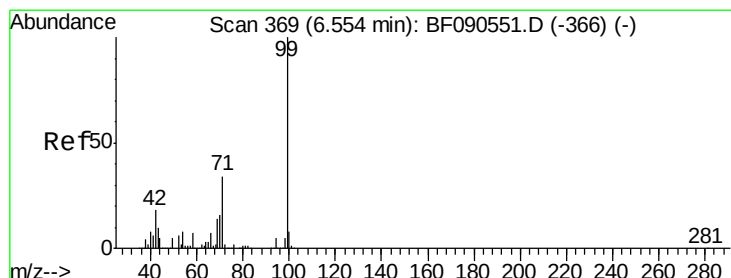
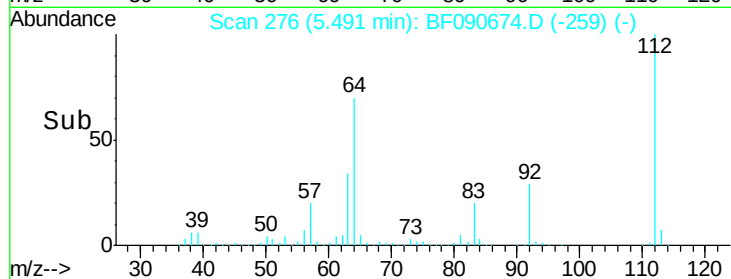
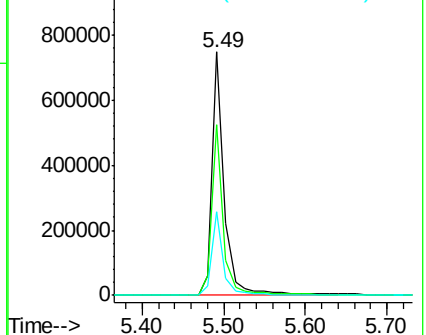
63 34.5 26.0 39.0



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: 60.66 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF090674.D

Acq: 20 Oct 2016 4:49

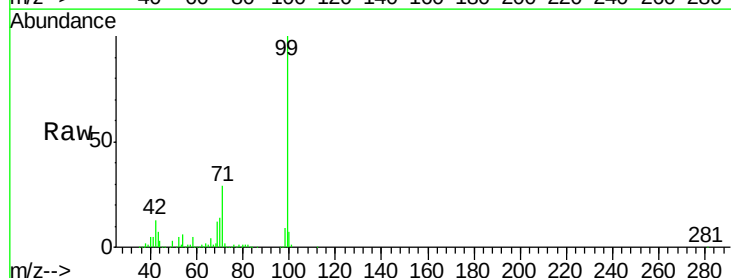
Tgt Ion: 99 Resp: 1117017

Ion Ratio Lower Upper

99 100

42 12.9 14.7 22.1#

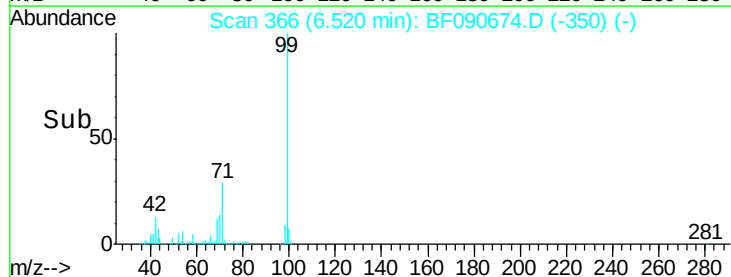
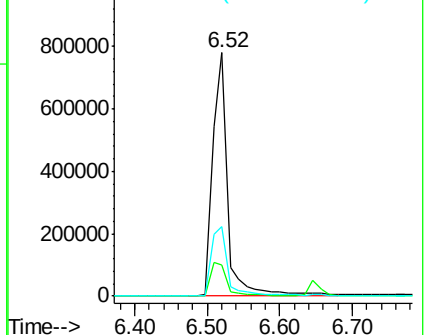
71 28.7 27.6 41.4

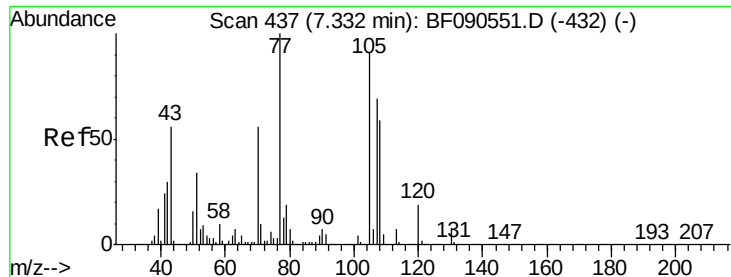


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

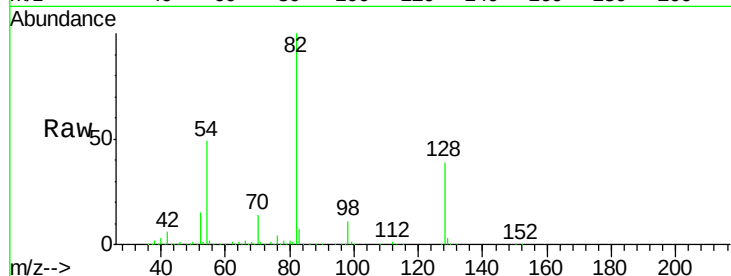




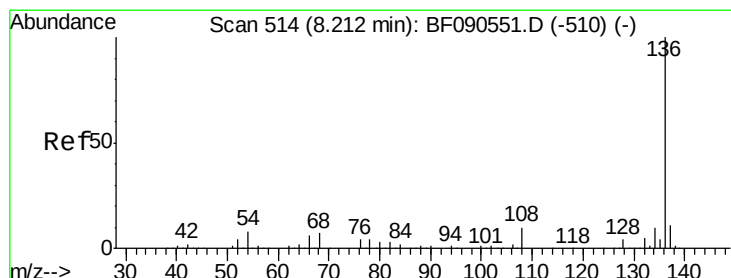
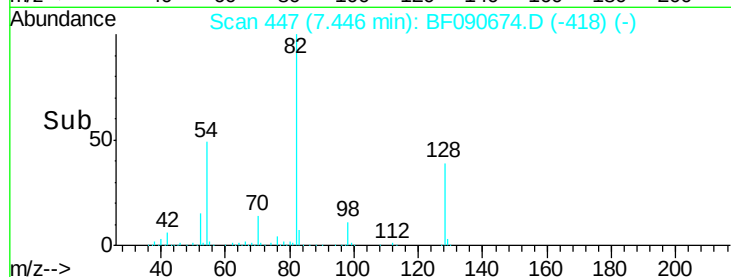
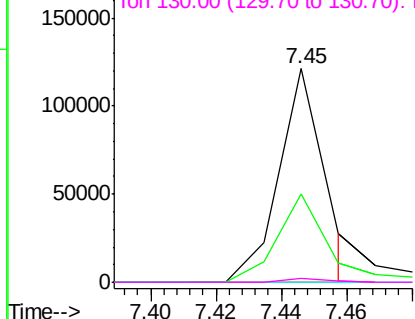
#19
n-Nitroso-di-n-propylamine
Concen: 9.33 ng
RT: 7.45 min Scan# 447
Delta R.T. 0.14 min
Lab File: BF090674.D
Acq: 20 Oct 2016 4:49

Instrument :
BNA_F
ClientSampleId :
PB94170BL

Tgt Ion: 70 Resp: 117790
Ion Ratio Lower Upper
70 100
42 41.3 43.4 65.0#
101 0.0 6.4 9.6#
130 1.7 12.1 18.1#

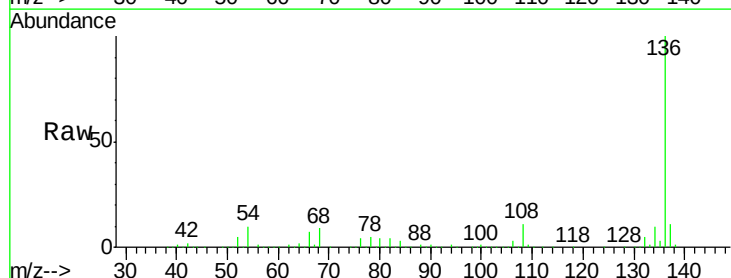


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

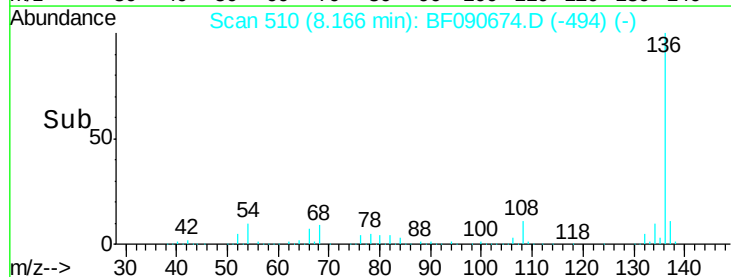
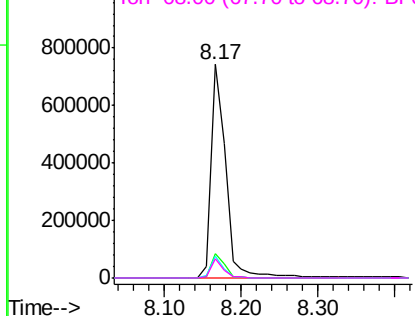


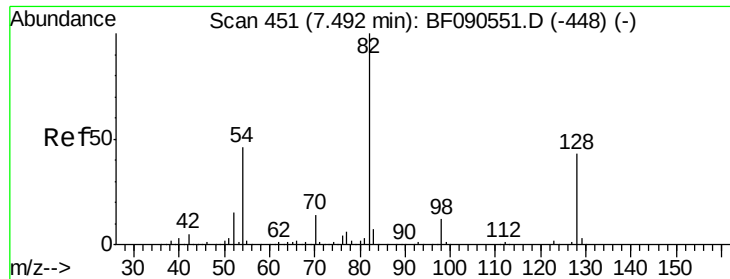
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF090674.D
Acq: 20 Oct 2016 4:49

Tgt Ion: 136 Resp: 984720
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 10.5 6.8 10.2#
68 9.2 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

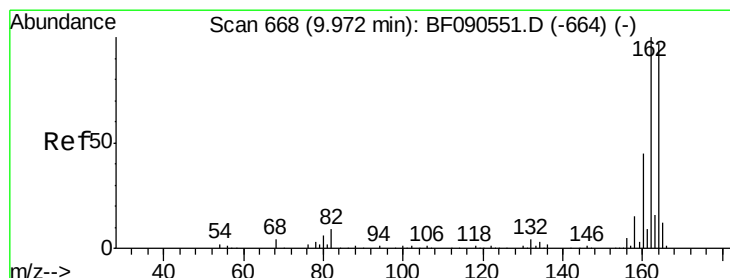
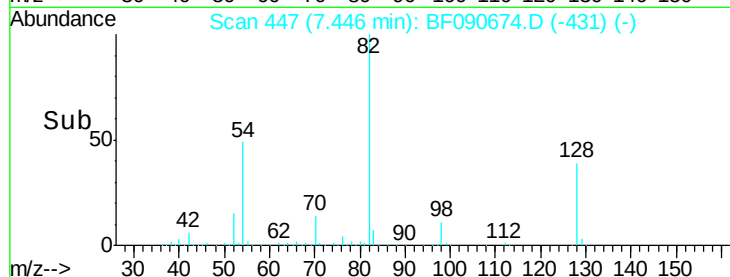
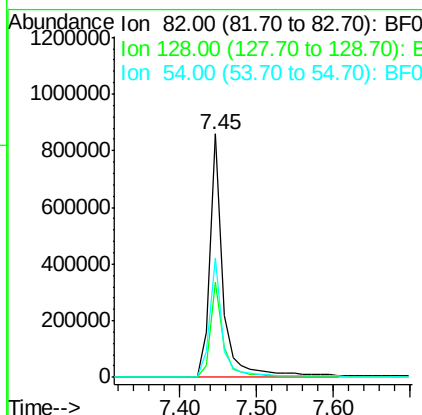
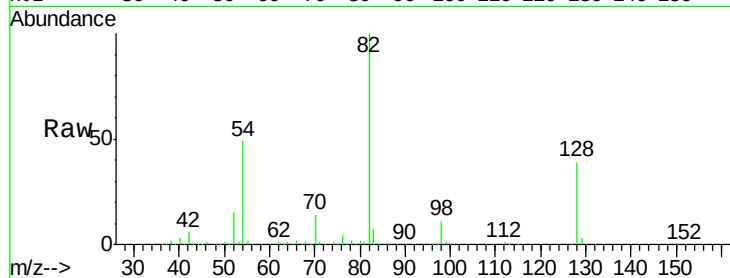




#23
 Nitrobenzene-d5
 Concen: 58.52 ng
 RT: 7.45 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF090674.D
 Acq: 20 Oct 2016 4:49

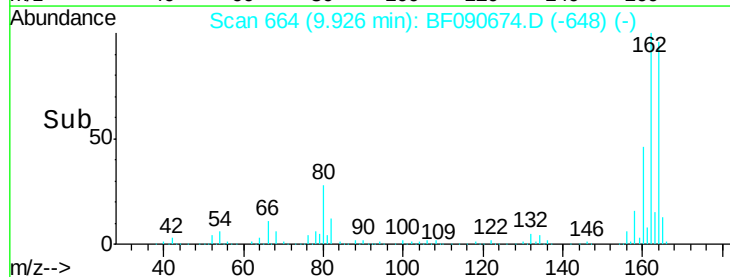
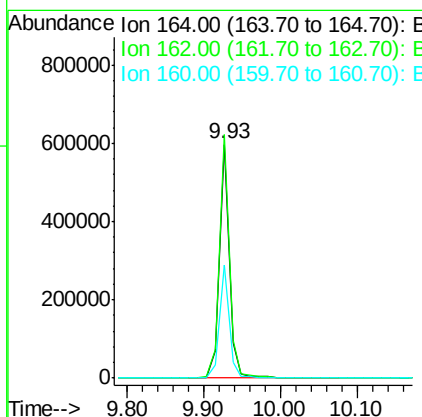
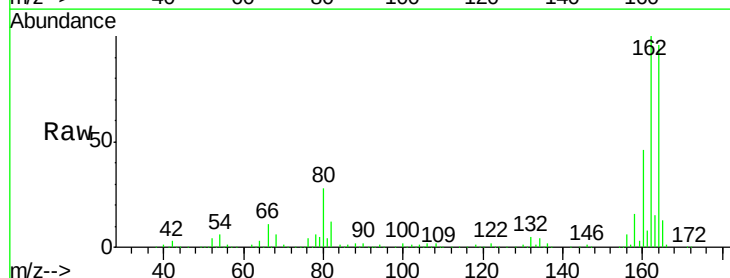
Instrument :
 BNA_F
 ClientSampleId :
 PB94170BL

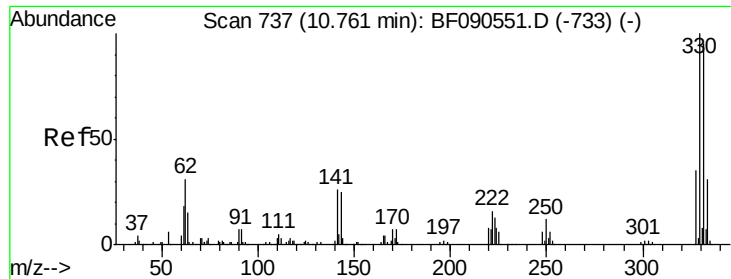
Tgt Ion: 82 Resp: 1037408
 Ion Ratio Lower Upper
 82 100
 128 39.3 34.3 51.5
 54 49.0 37.0 55.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF090674.D
 Acq: 20 Oct 2016 4:49

Tgt Ion: 164 Resp: 546153
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.2 123.4
 160 48.1 36.6 55.0

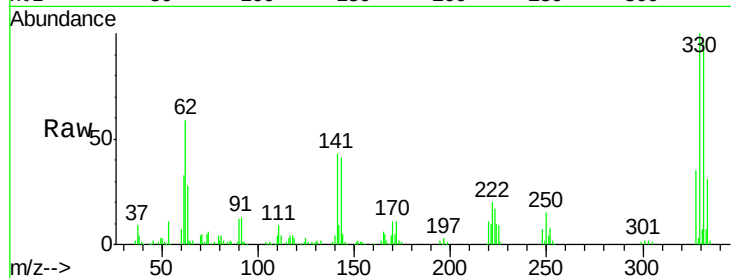




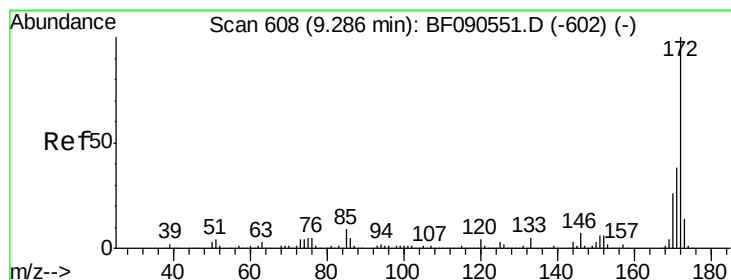
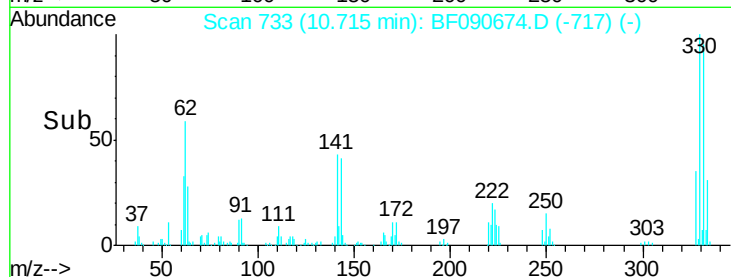
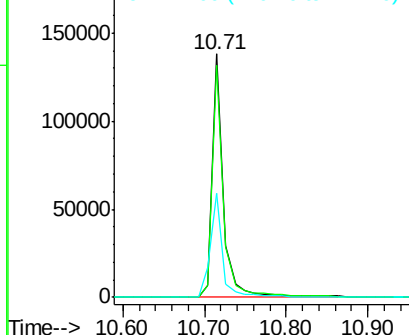
#41
 2,4,6-Tribromophenol
 Concen: 27.97 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF090674.D
 Acq: 20 Oct 2016 4:49

Instrument :
 BNA_F
 ClientSampled :
 PB94170BL

Tgt Ion:330 Resp: 136210
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.2 114.2
 141 47.2 31.4 47.2#

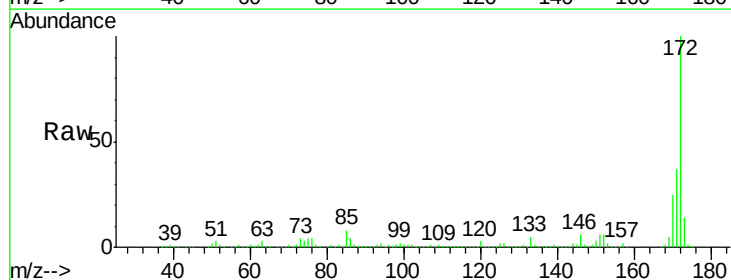


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

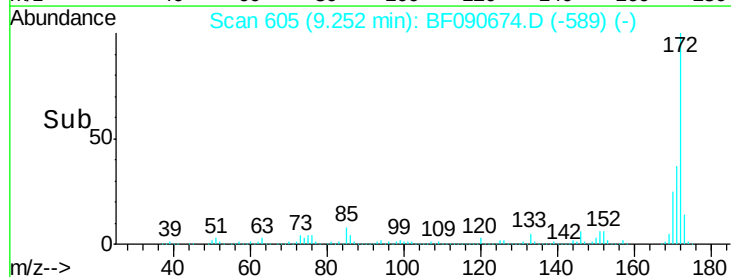
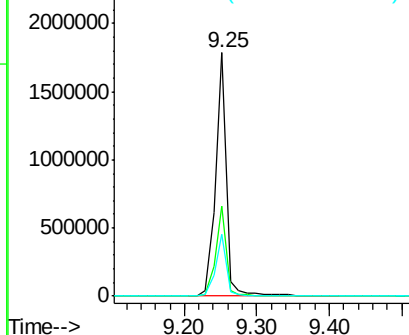


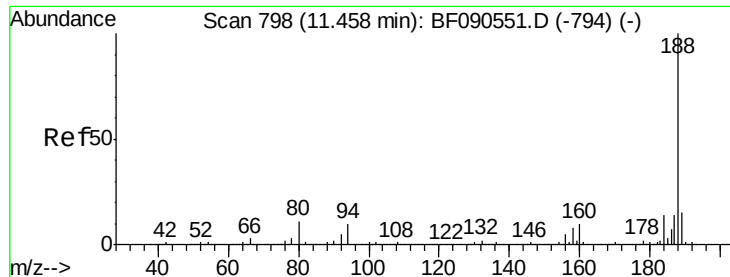
#44
 2-Fluorobiphenyl
 Concen: 56.10 ng
 RT: 9.25 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF090674.D
 Acq: 20 Oct 2016 4:49

Tgt Ion:172 Resp: 1859397
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.1 45.1
 170 25.2 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

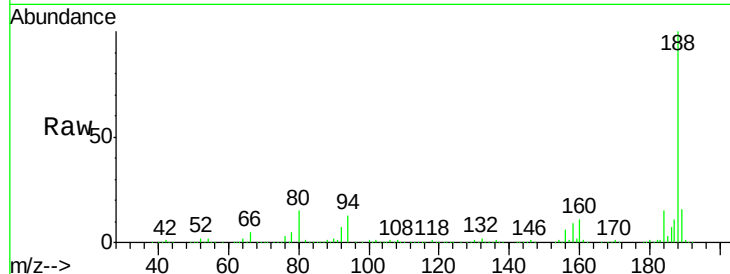




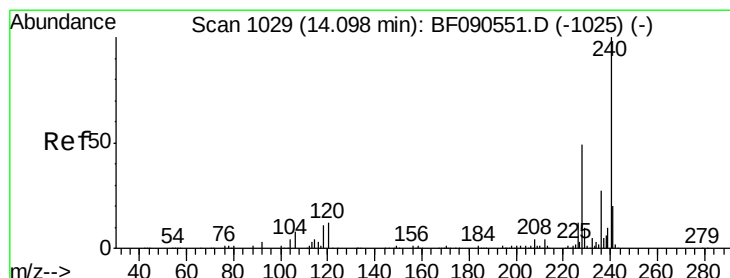
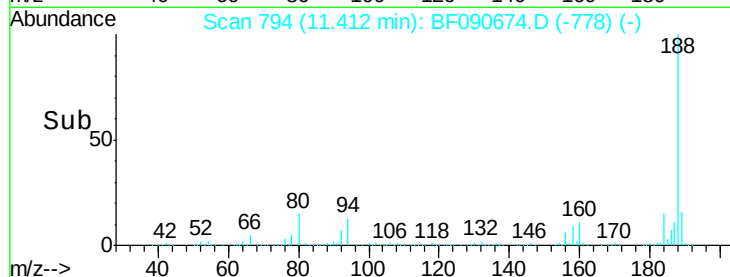
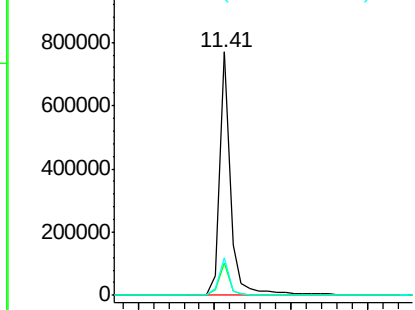
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF090674.D
 Acq: 20 Oct 2016 4:49

Instrument :
 BNA_F
 ClientSampleId :
 PB94170BL

Tgt Ion:188 Resp: 769906
 Ion Ratio Lower Upper
 188 100
 94 13.3 7.7 11.5#
 80 15.4 8.6 12.8#

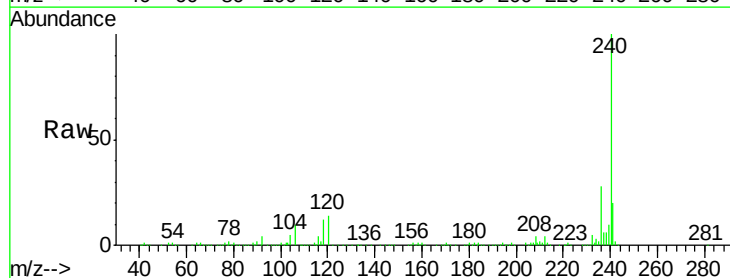


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

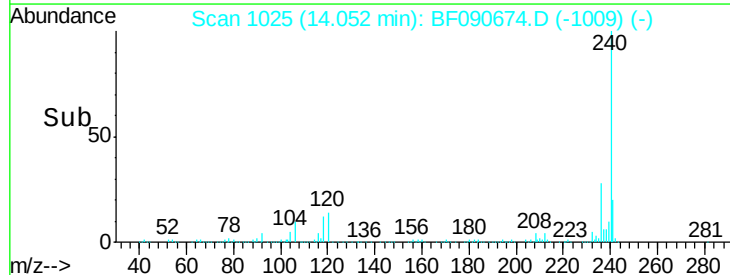
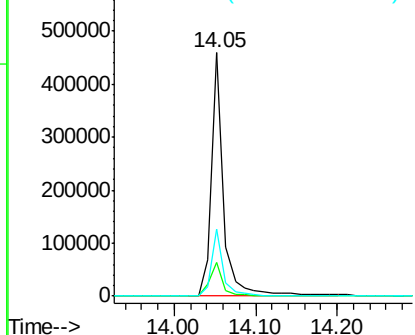


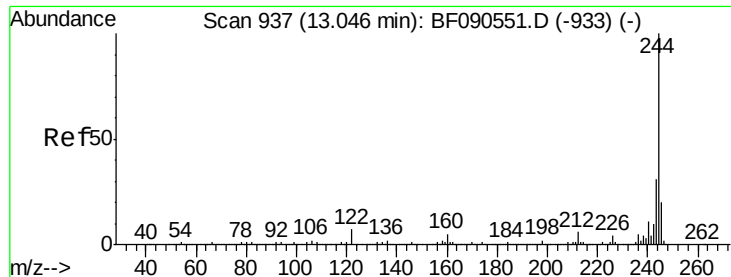
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.05 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF090674.D
 Acq: 20 Oct 2016 4:49

Tgt Ion:240 Resp: 491178
 Ion Ratio Lower Upper
 240 100
 120 13.9 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

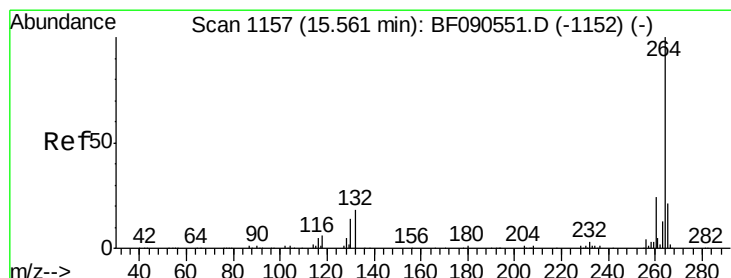
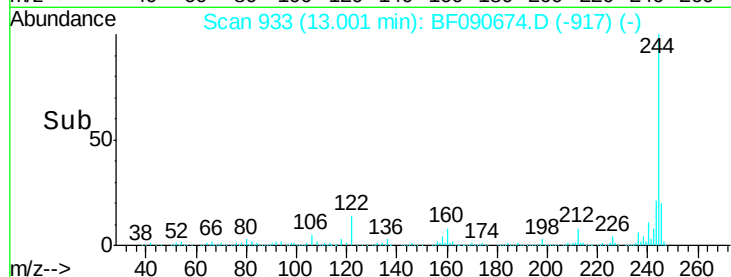
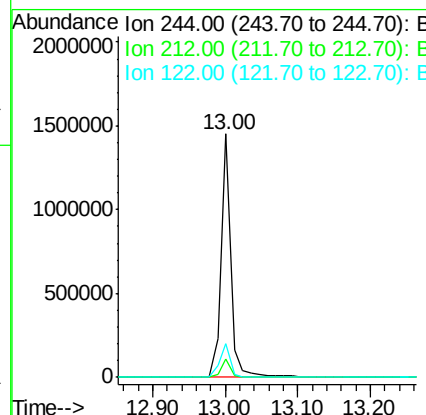
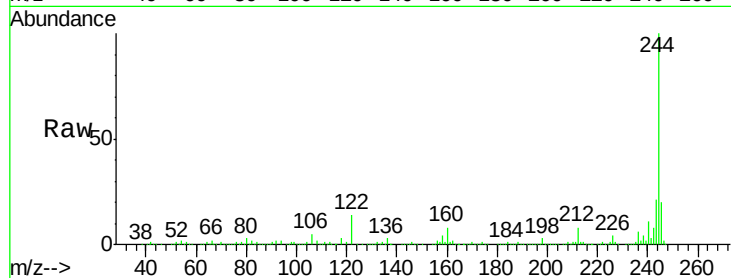




#78
 Terphenyl-d14
 Concen: 64.66 ng
 RT: 13.00 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF090674.D
 Acq: 20 Oct 2016 4:49

Instrument :
 BNA_F
 ClientSampleId :
 PB94170BL

Tgt Ion:244 Resp: 1364116
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.0 7.4#
 122 13.6 5.6 8.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF090674.D
 Acq: 20 Oct 2016 4:49

Tgt Ion:264 Resp: 525443
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.3 28.9
 265 21.5 16.7 25.1

