

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070316\
 Data File : BF088691.D
 Acq On : 4 Jul 2016 13:05
 Operator : UM/SJ
 Sample : H3822-05 10X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D10-B1(0-6)C

Quant Time: Jul 05 00:51:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

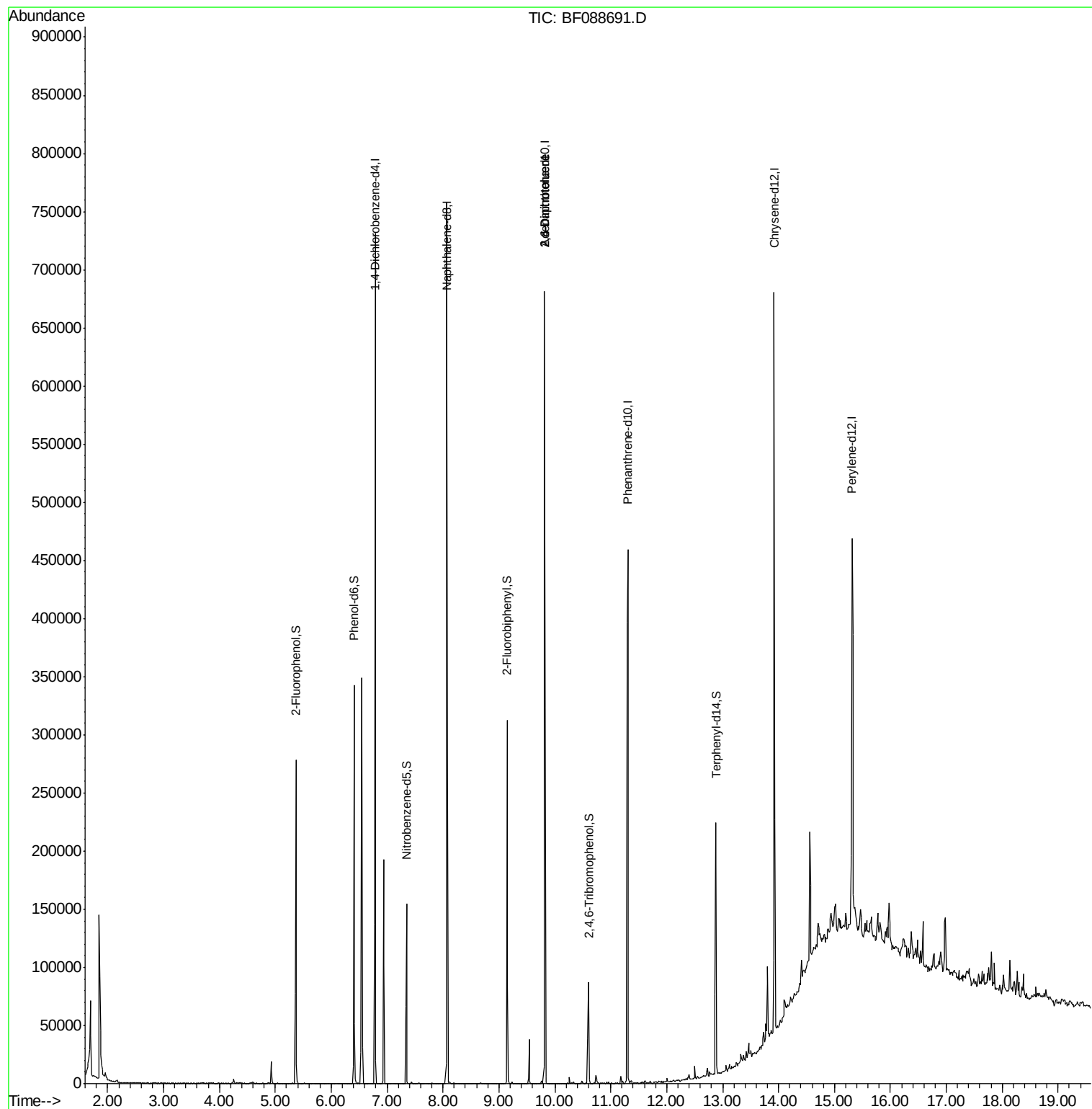
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	101741	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	356209	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	144317	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	234329	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	193354	20.00	ng	-0.03
86) Perylene-d12	15.31	264	161102	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	77434	11.41	ng	-0.03
7) Phenol-d6	6.41	99	104446	11.91	ng	-0.03
23) Nitrobenzene-d5	7.35	82	56200	8.27	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	12093	9.02	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	97158	10.63	ng	-0.03
78) Terphenyl-d14	12.88	244	65511	7.55	ng	-0.03
Target Compounds						
50) 2,6-Dinitrotoluene	9.82	165	18500	8.12	ng	# 39
56) 2,4-Dinitrotoluene	9.82	165	18501	6.21	ng	# 37

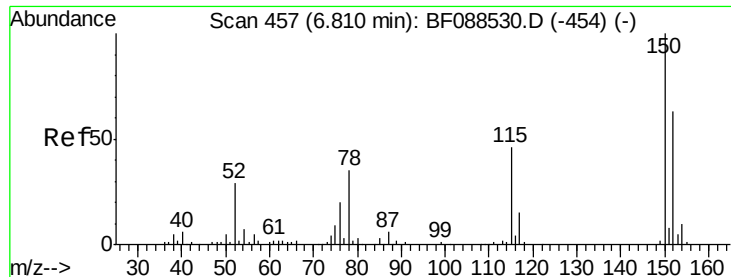
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF088691.D

Acq: 4 Jul 2016 13:05

Instrument :

BNA_F

ClientSampleId :

D10-B1(0-6)C

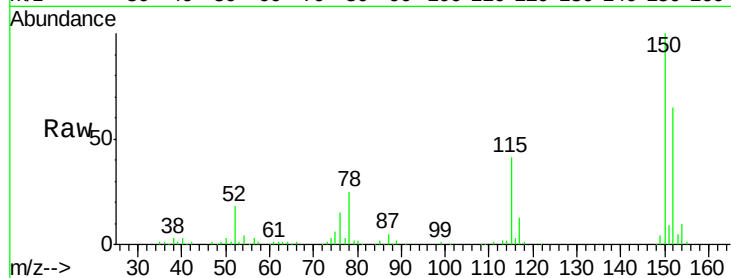
Tgt Ion:152 Resp: 101741

Ion Ratio Lower Upper

152 100

150 154.1 123.8 185.6

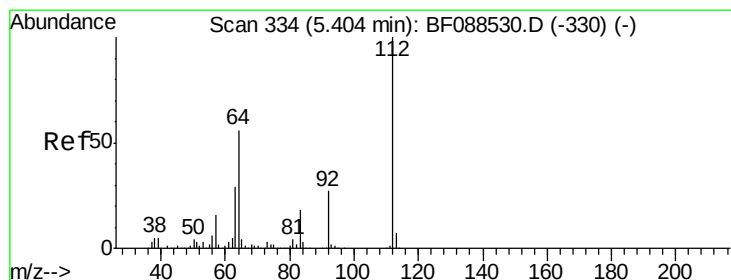
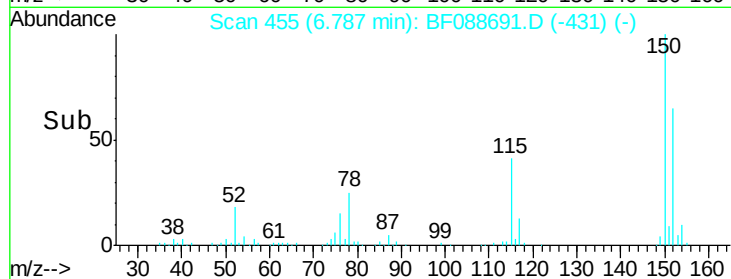
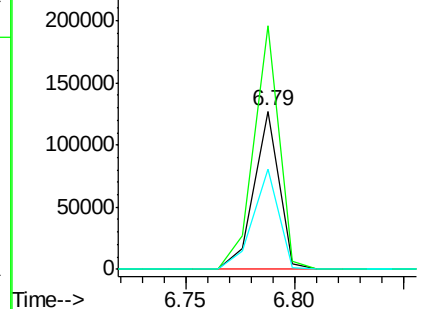
115 63.2 39.6 59.4#



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: 11.41 ng

RT: 5.37 min Scan# 331

Delta R.T. -0.03 min

Lab File: BF088691.D

Acq: 4 Jul 2016 13:05

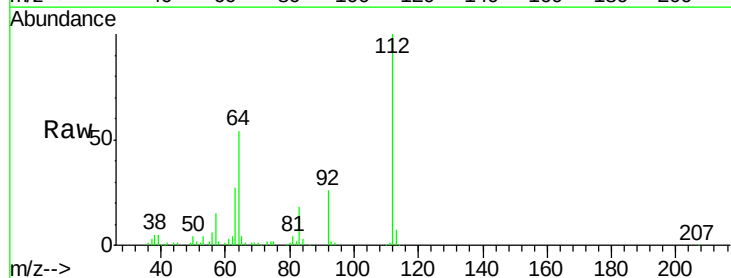
Tgt Ion:112 Resp: 77434

Ion Ratio Lower Upper

112 100

64 54.5 42.2 63.2

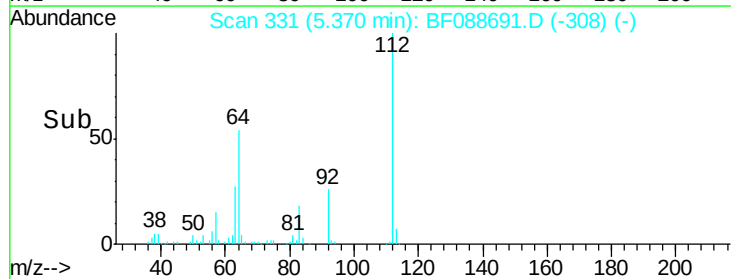
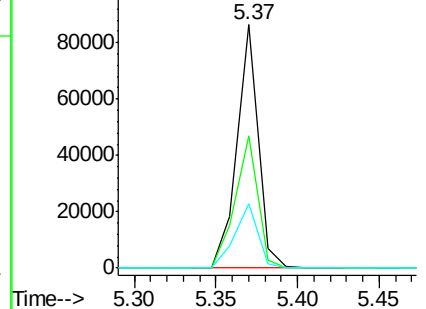
63 26.5 21.8 32.8

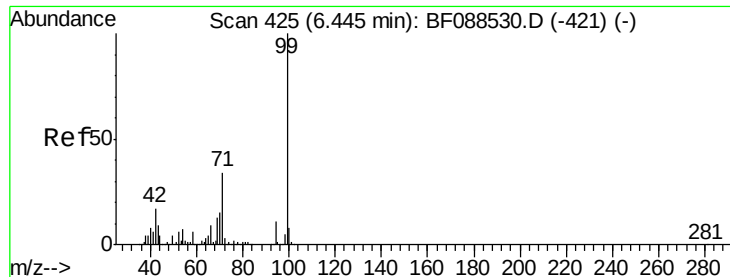


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 11.91 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.03 min

Lab File: BF088691.D

Acq: 4 Jul 2016 13:05

Instrument :

BNA_F

ClientSampleId :

D10-B1(0-6)C

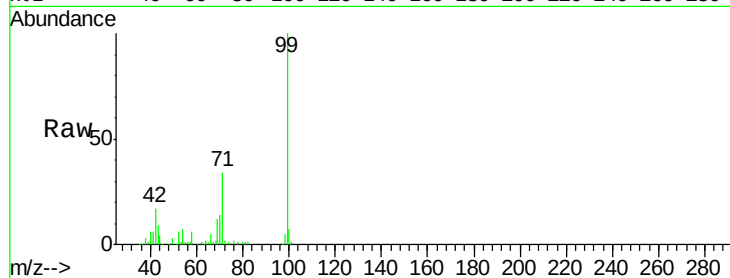
Tgt Ion: 99 Resp: 104446

Ion Ratio Lower Upper

99 100

42 16.6 12.2 18.2

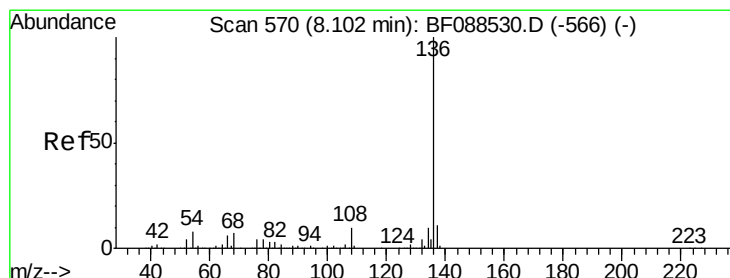
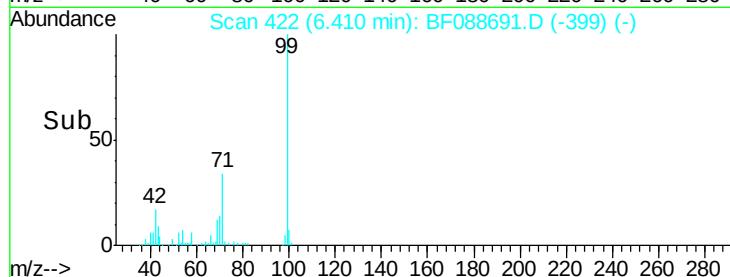
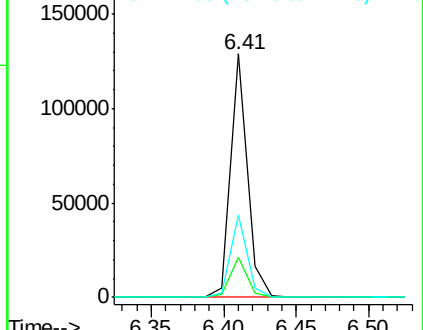
71 33.7 23.4 35.0



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: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088691.D

Acq: 4 Jul 2016 13:05

Tgt Ion: 136 Resp: 356209

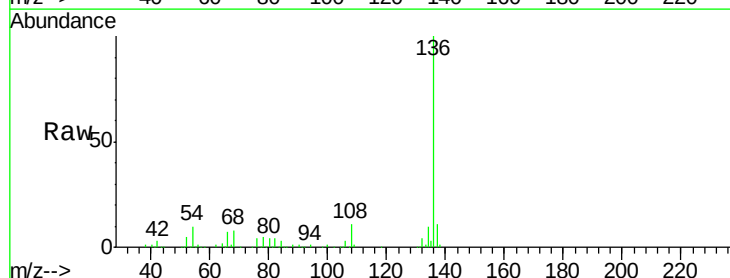
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 10.3 6.6 10.0#

68 8.0 5.1 7.7#

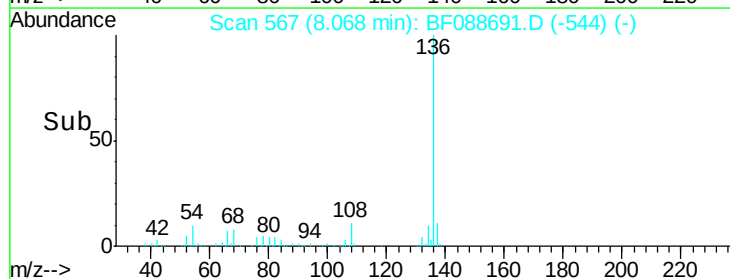
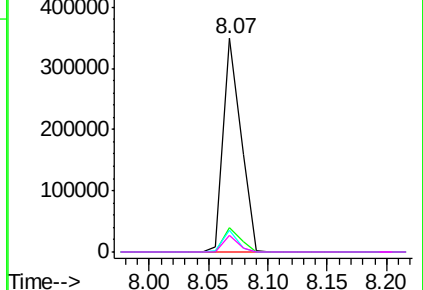


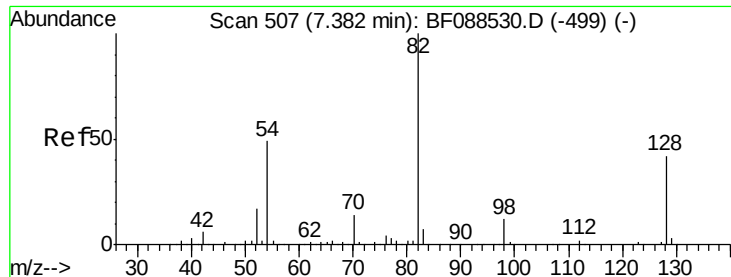
Abundance Ion 136.00 (135.70 to 136.70): E

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

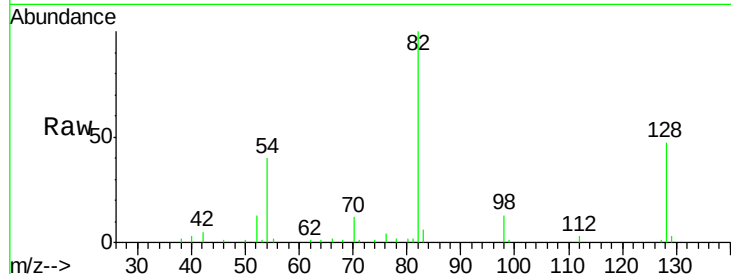




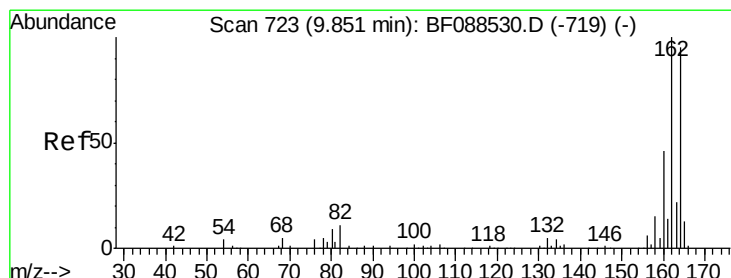
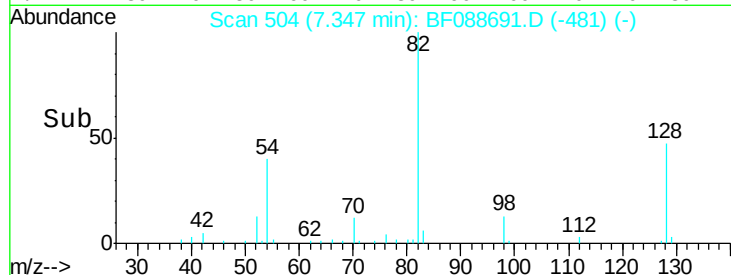
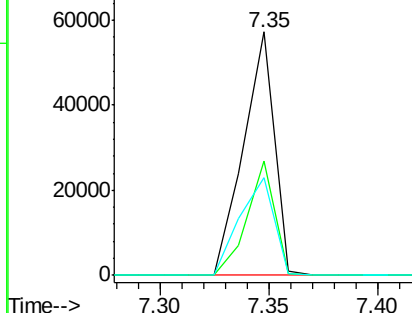
#23
 Nitrobenzene-d5
 Concen: 8.27 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.03 min
 Lab File: BF088691.D
 Acq: 4 Jul 2016 13:05

Instrument :
 BNA_F
 ClientSampleId :
 D10-B1(0-6)C

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.1	35.9	53.9
54	40.1	40.9	61.3#

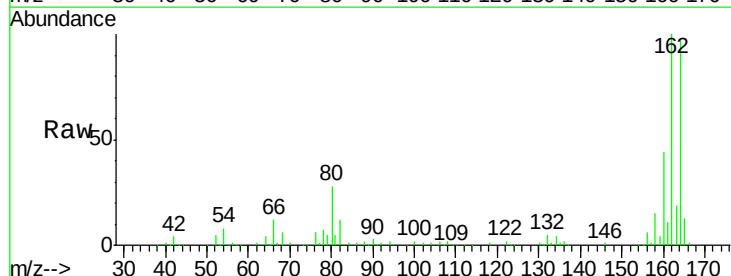


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

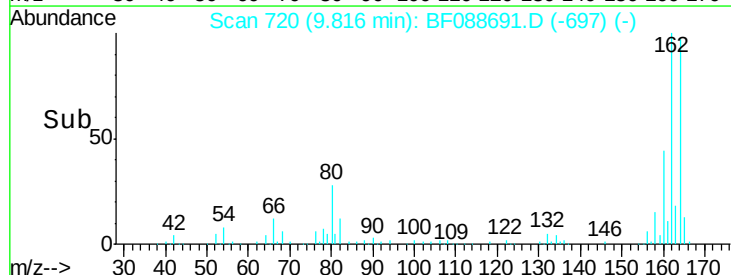
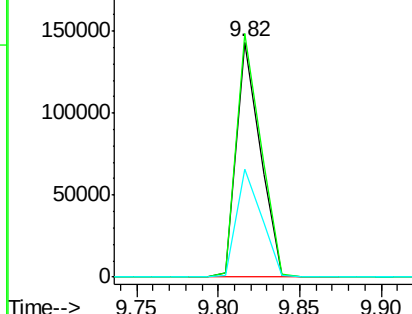


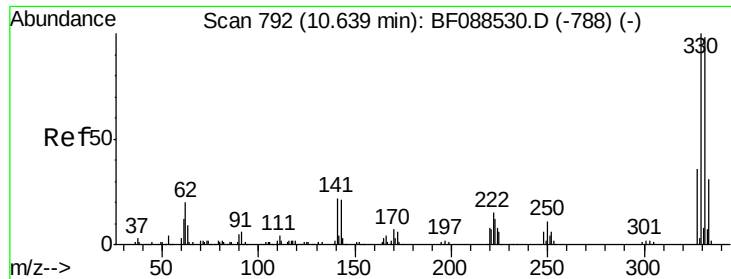
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF088691.D
 Acq: 4 Jul 2016 13:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	85.4	128.2
160	45.9	39.5	59.3



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

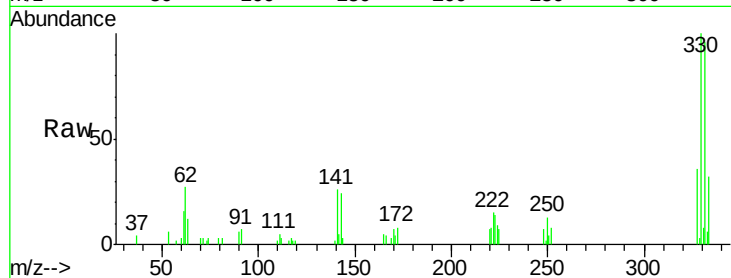




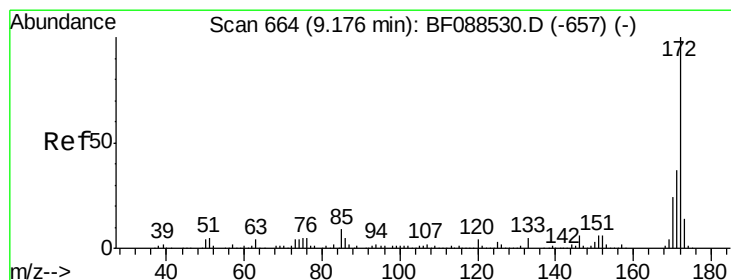
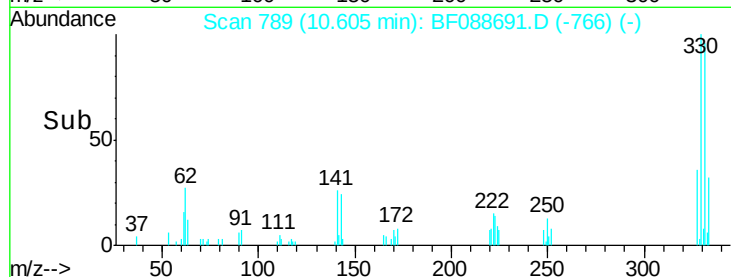
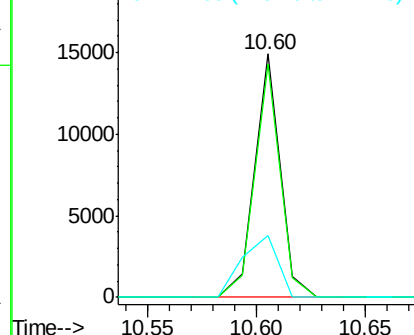
#41
 2,4,6-Tribromophenol
 Concen: 9.02 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088691.D
 Acq: 4 Jul 2016 13:05

Instrument :
 BNA_F
 ClientSampleId :
 D10-B1(0-6)C

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	35.7	0.0	0.0#

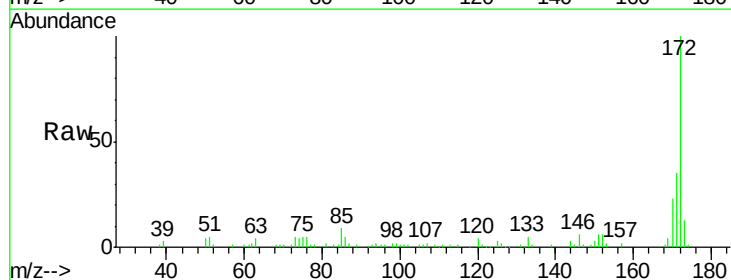


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

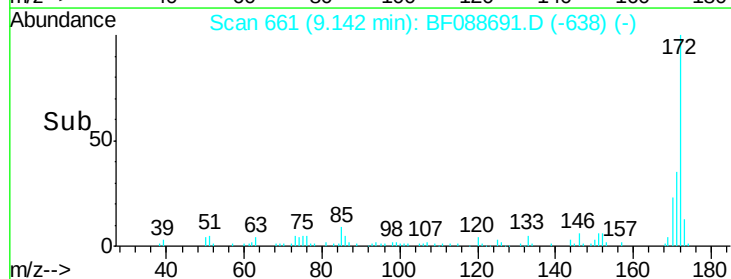
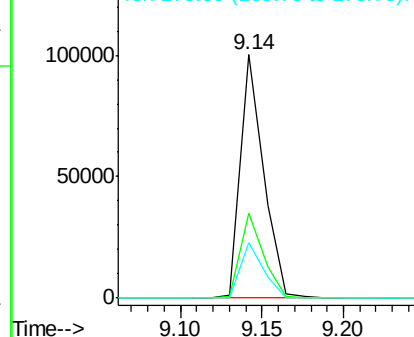


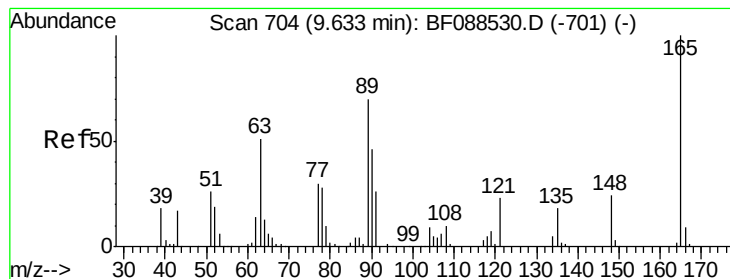
#44
 2-Fluorobiphenyl
 Concen: 10.63 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.03 min
 Lab File: BF088691.D
 Acq: 4 Jul 2016 13:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	22.9	19.2	28.8



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





#50

2,6-Dinitrotoluene

Concen: 8.12 ng

RT: 9.82 min Scan# 720

Delta R.T. 0.18 min

Lab File: BF088691.D

Acq: 4 Jul 2016 13:05

Instrument :

BNA_F

ClientSampleId :

D10-B1(0-6)C

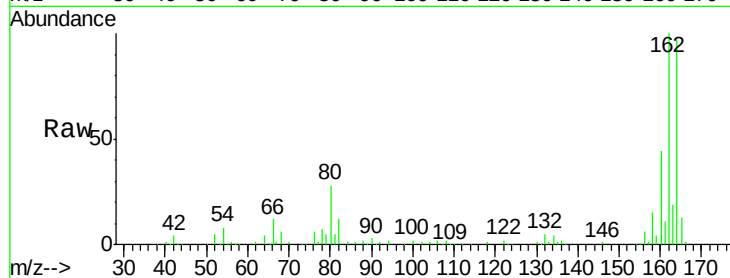
Tgt Ion:165 Resp: 18500

Ion Ratio Lower Upper

165 100

63 0.0 28.1 42.1#

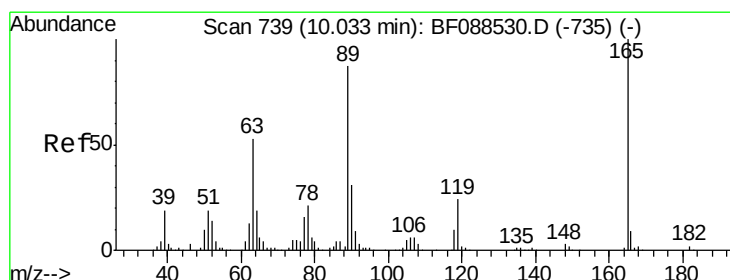
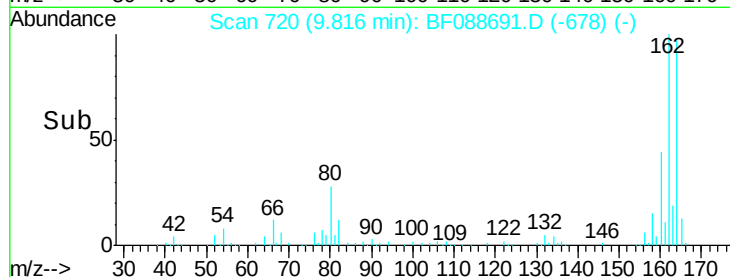
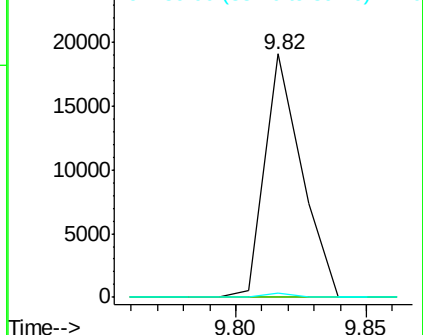
89 1.8 32.2 48.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56

2,4-Dinitrotoluene

Concen: 6.21 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.22 min

Lab File: BF088691.D

Acq: 4 Jul 2016 13:05

Tgt Ion:165 Resp: 18501

Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 1.8 41.1 61.7#

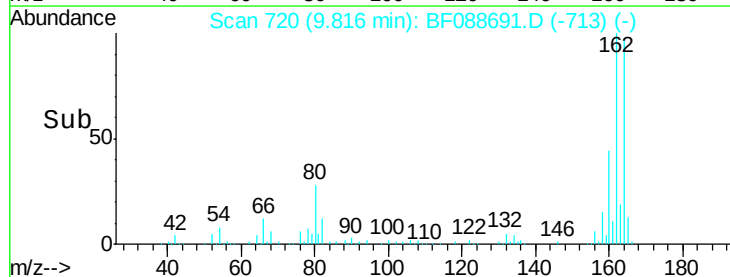
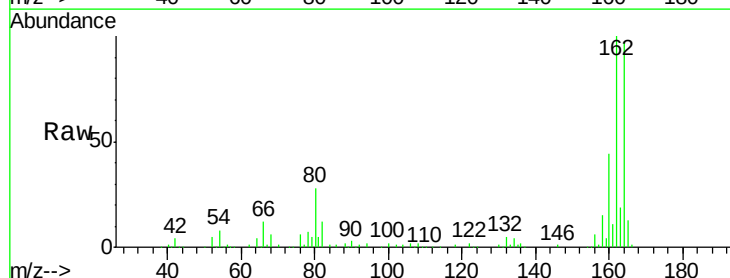
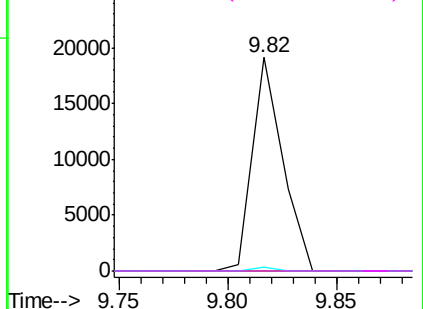
182 0.0 2.0 3.0#

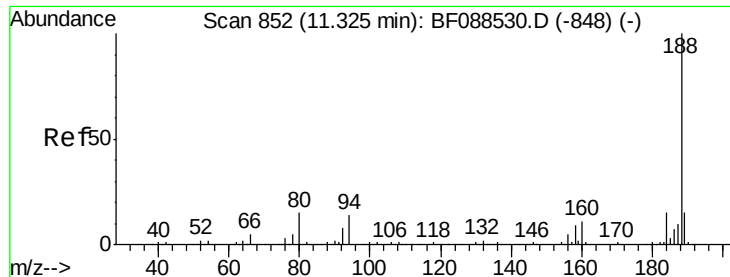
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

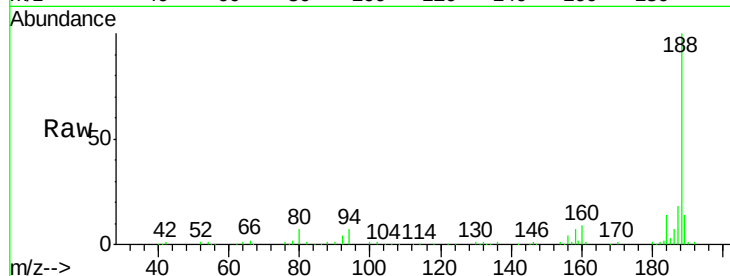




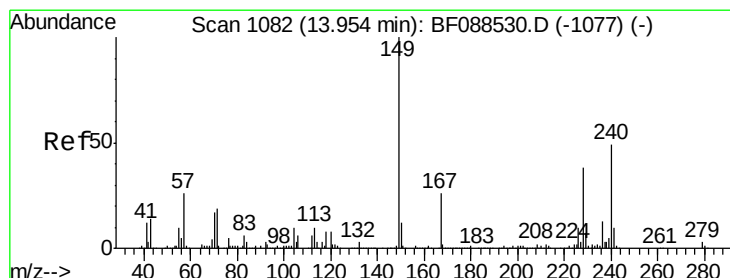
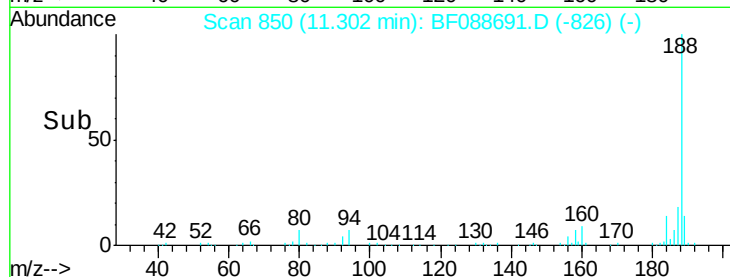
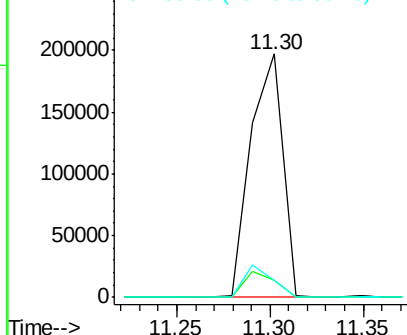
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088691.D
Acq: 4 Jul 2016 13:05

Instrument :
BNA_F
ClientSampled :
D10-B1(0-6)C

Tgt Ion:188 Resp: 234329
Ion Ratio Lower Upper
188 100
94 7.2 9.0 13.6#
80 7.2 10.0 15.0#

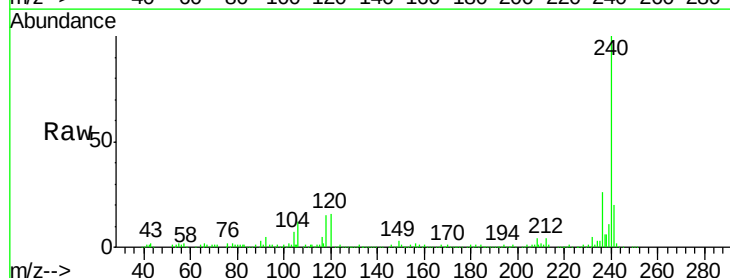


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

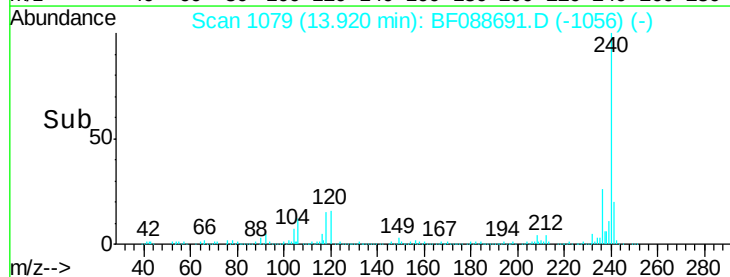
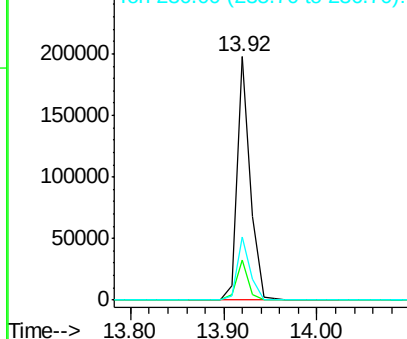


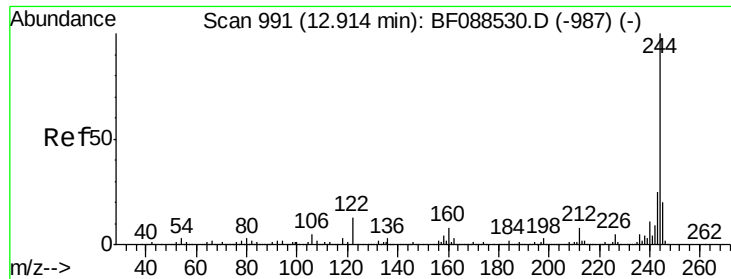
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF088691.D
Acq: 4 Jul 2016 13:05

Tgt Ion:240 Resp: 193354
Ion Ratio Lower Upper
240 100
120 16.3 6.8 10.2#
236 26.1 20.2 30.2



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

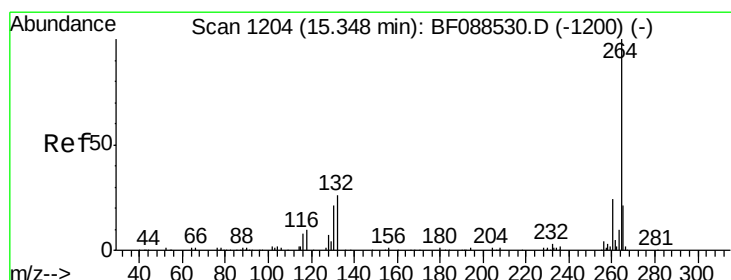
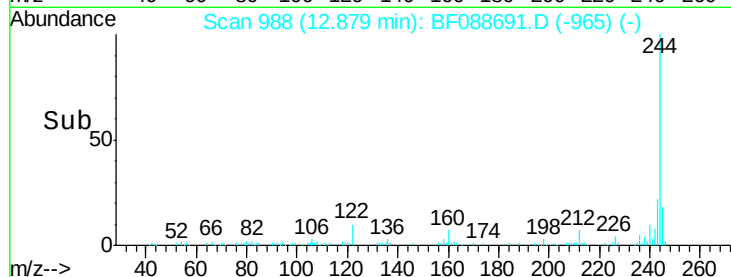
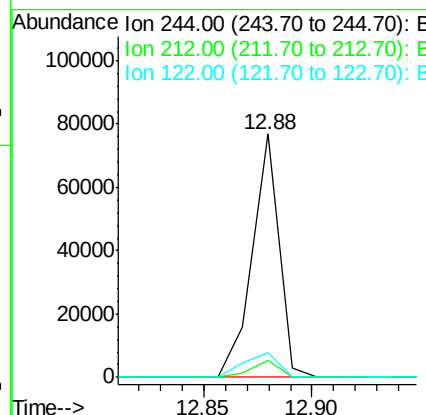
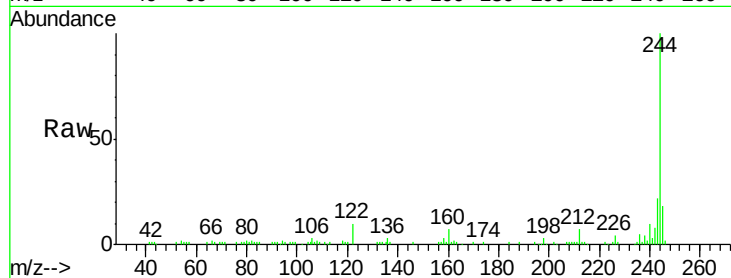




#78
 Terphenyl-d14
 Concen: 7.55 ng
 RT: 12.88 min Scan# 988
 Delta R.T. -0.03 min
 Lab File: BF088691.D
 Acq: 4 Jul 2016 13:05

Instrument :
 BNA_F
 ClientSampleId :
 D10-B1(0-6)C

Tgt Ion:244 Resp: 65511
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 10.3 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1201
 Delta R.T. -0.03 min
 Lab File: BF088691.D
 Acq: 4 Jul 2016 13:05

Tgt Ion:264 Resp: 161102
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.0 16.9 25.3

