

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085651.D
 Acq On : 22 Mar 2016 7:07
 Operator : UM/SJ
 Sample : H1838-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Mar 22 07:59:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

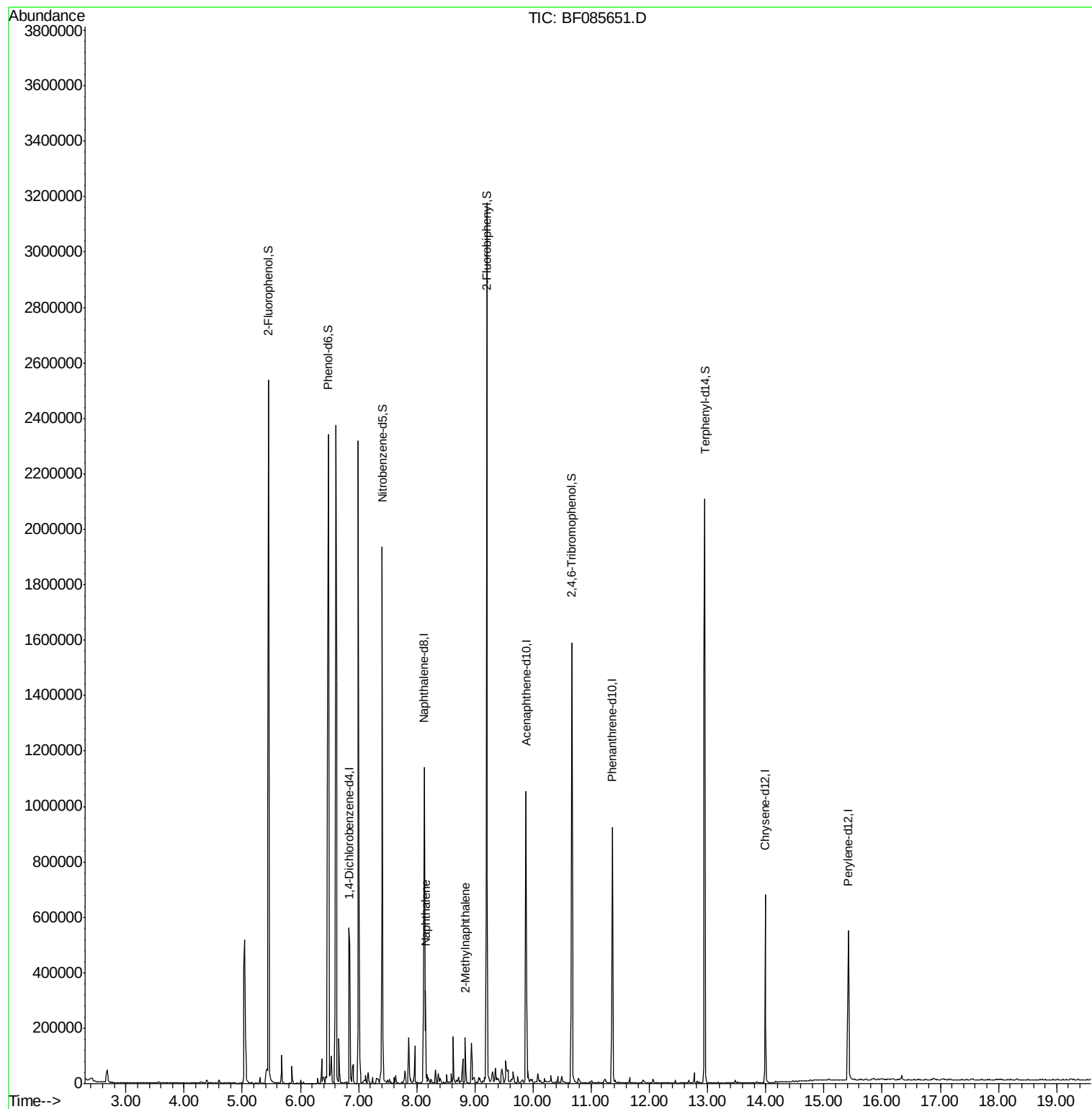
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	125882	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	515295	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	207607	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	327351	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	235449	20.00	ng	-0.02
86) Perylene-d12	15.42	264	241992	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	808579	107.89	ng	0.00
7) Phenol-d6	6.48	99	1087623	113.15	ng	-0.01
23) Nitrobenzene-d5	7.41	82	683074	76.95	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	211093	103.80	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1074313	89.45	ng	-0.02
78) Terphenyl-d14	12.95	244	858489	87.74	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.15	128	161775	6.22	ng	97
37) 2-Methylnaphthalene	8.84	142	47428	2.99	ng	97

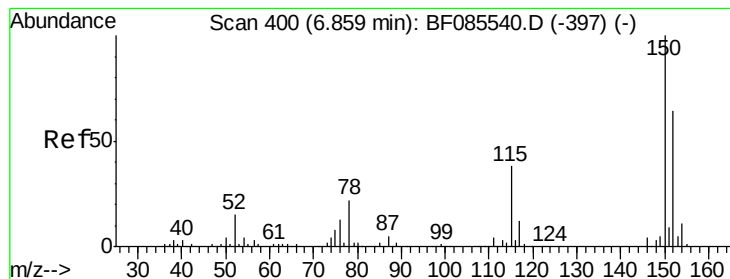
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085651.D

Acq: 22 Mar 2016 7:07

Instrument :

BNA_F

ClientSampleId :

WC-1

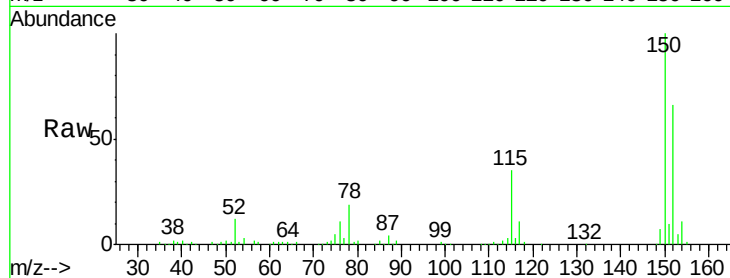
Tgt Ion:152 Resp: 125882

Ion Ratio Lower Upper

152 100

150 152.6 124.2 186.2

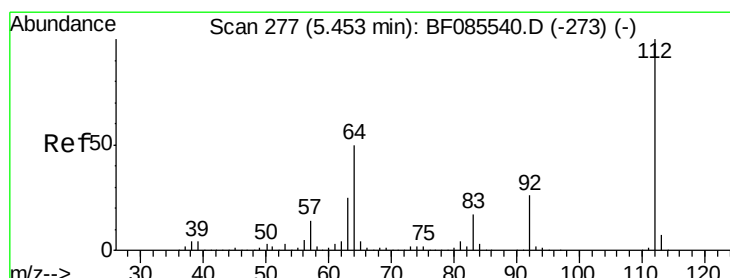
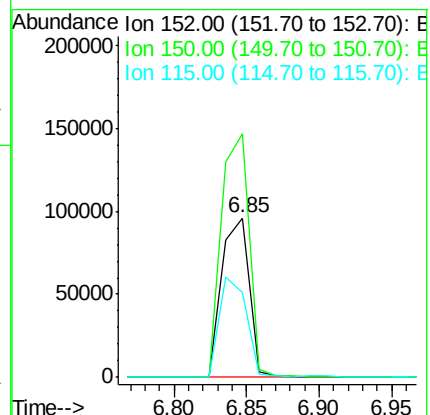
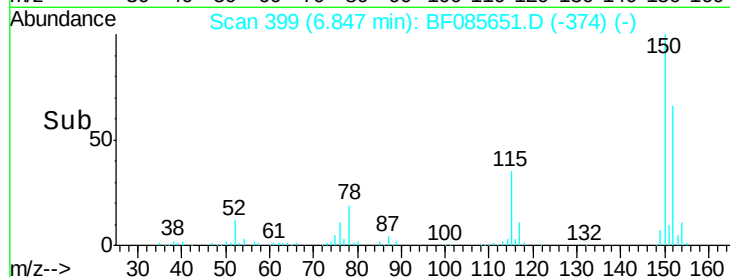
115 53.0 47.0 70.6



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: 107.89 ng

RT: 5.45 min Scan# 277

Delta R.T. -0.00 min

Lab File: BF085651.D

Acq: 22 Mar 2016 7:07

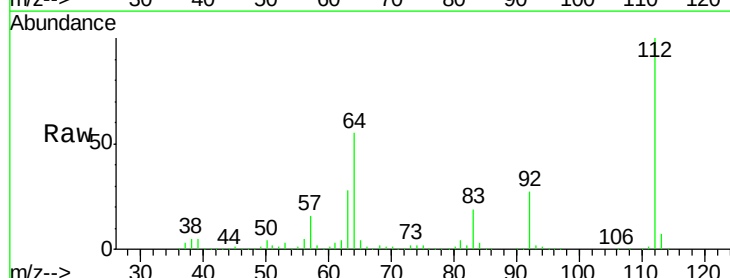
Tgt Ion:112 Resp: 808579

Ion Ratio Lower Upper

112 100

64 54.7 39.9 59.9

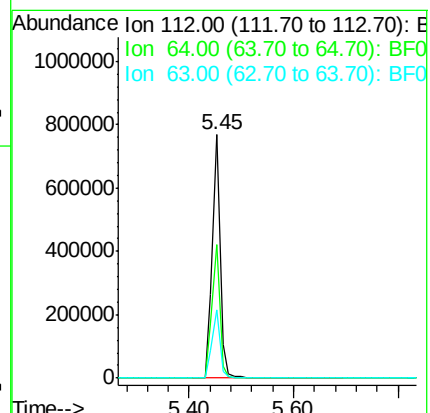
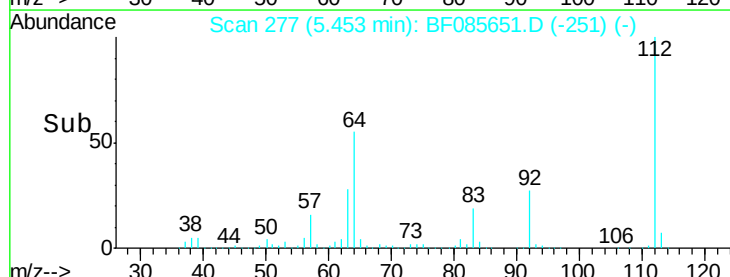
63 27.8 20.2 30.2

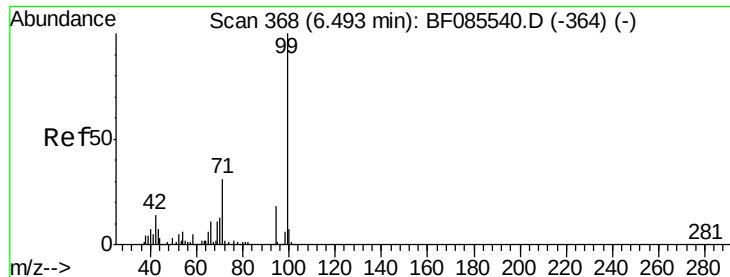


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.15 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085651.D

Acq: 22 Mar 2016 7:07

Instrument :

BNA_F

ClientSampleId :

WC-1

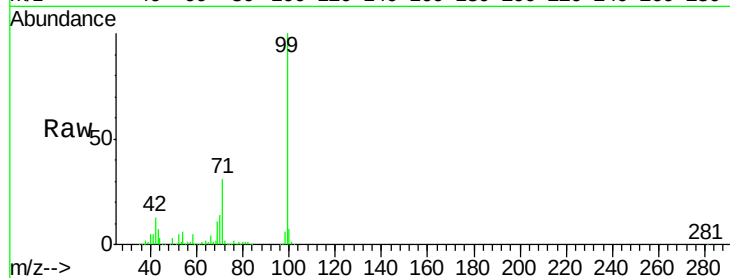
Tgt Ion: 99 Resp: 1087623

Ion Ratio Lower Upper

99 100

42 13.5 11.1 16.7

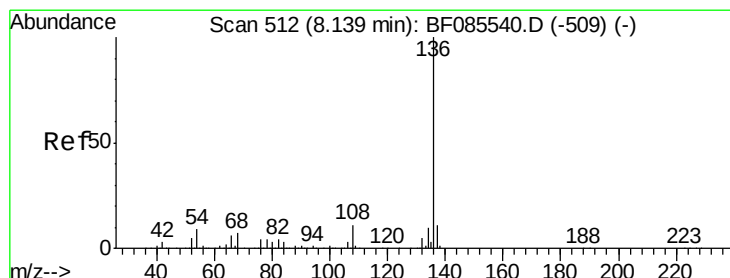
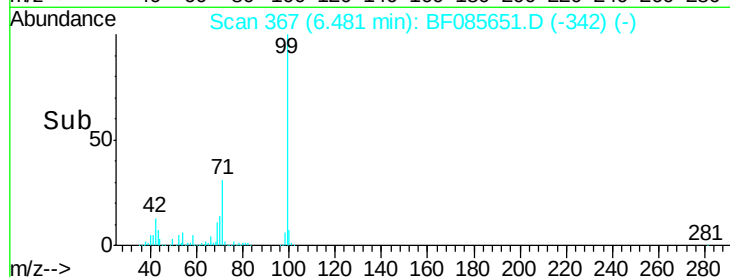
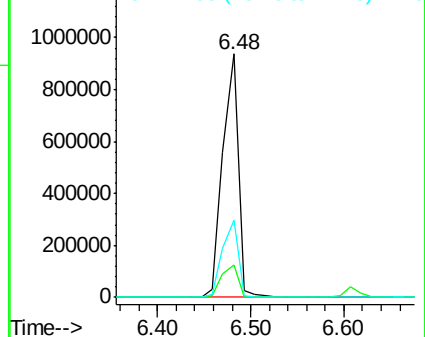
71 31.5 24.9 37.3



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: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085651.D

Acq: 22 Mar 2016 7:07

Tgt Ion: 136 Resp: 515295

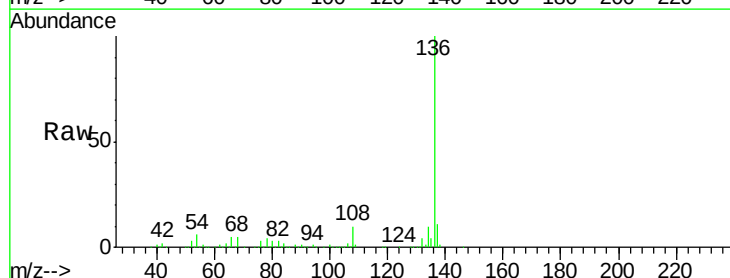
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.4 7.4 11.0#

68 5.3 5.8 8.8#

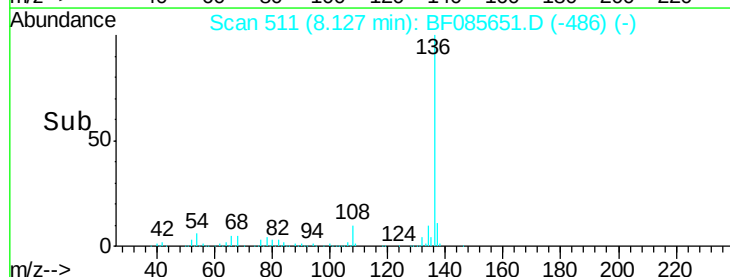
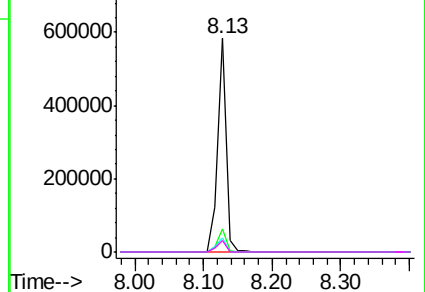


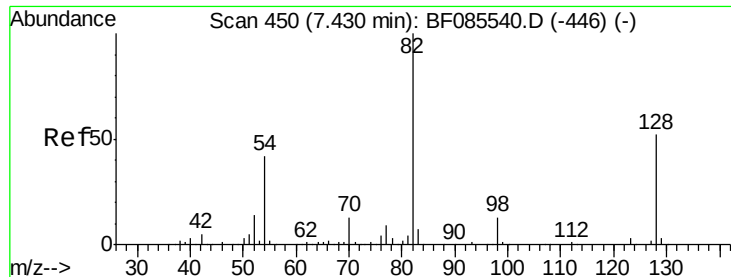
Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.95 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF085651.D

Acq: 22 Mar 2016 7:07

Instrument :

BNA_F

ClientSampled :

WC-1

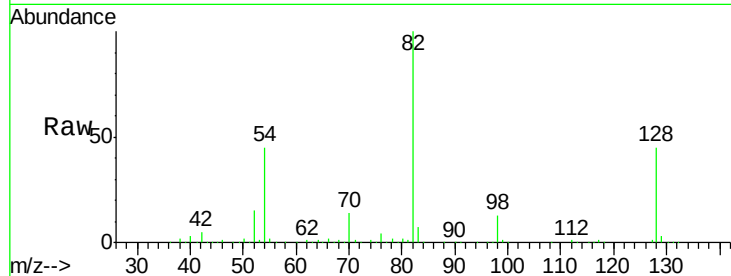
Tgt Ion: 82 Resp: 683074

Ion Ratio Lower Upper

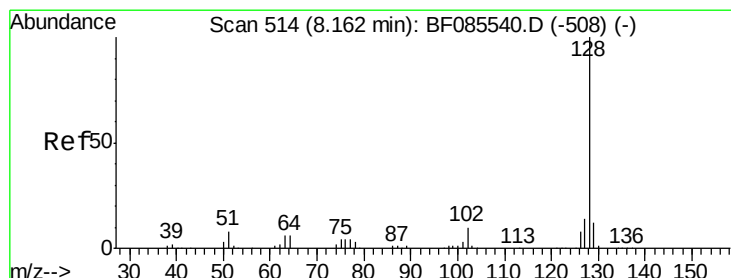
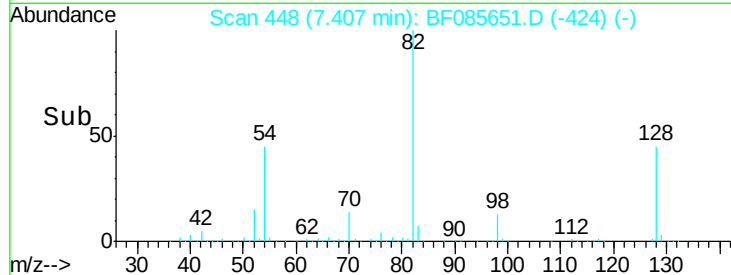
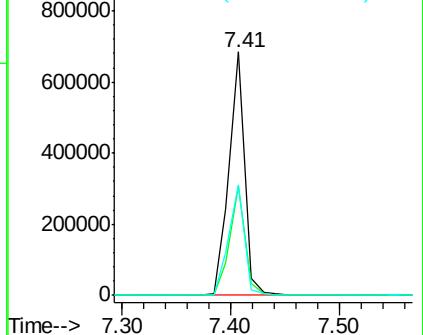
82 100

128 45.0 41.8 62.8

54 45.4 33.4 50.0



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



#31

Naphthalene

Concen: 6.22 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF085651.D

Acq: 22 Mar 2016 7:07

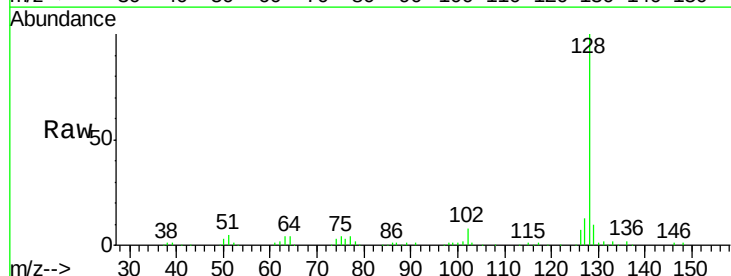
Tgt Ion: 128 Resp: 161775

Ion Ratio Lower Upper

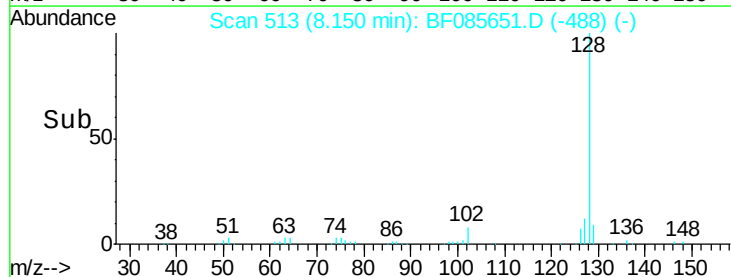
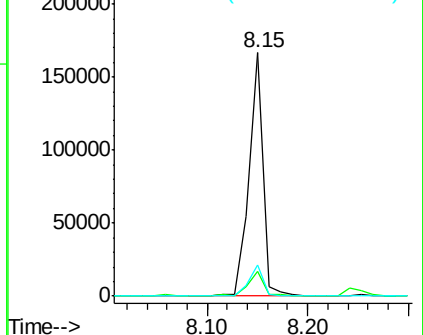
128 100

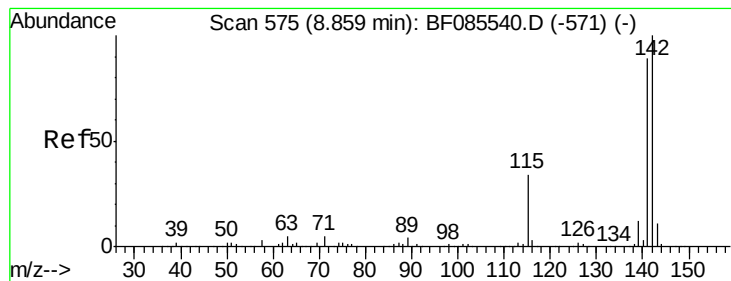
129 10.3 9.4 14.0

127 12.6 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 2.99 ng

RT: 8.84 min Scan# 573

Delta R.T. -0.02 min

Lab File: BF085651.D

Acq: 22 Mar 2016 7:07

Instrument :

BNA_F

ClientSampleId :

WC-1

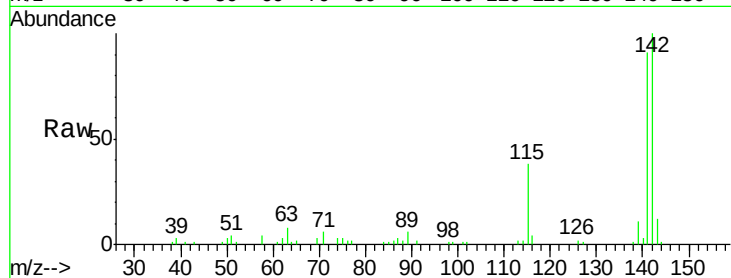
Tgt Ion:142 Resp: 47428

Ion Ratio Lower Upper

142 100

141 90.9 71.6 107.4

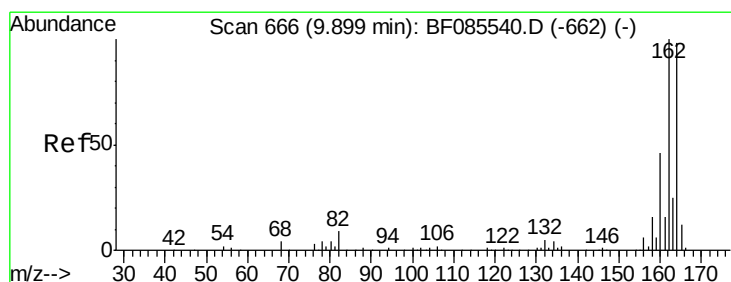
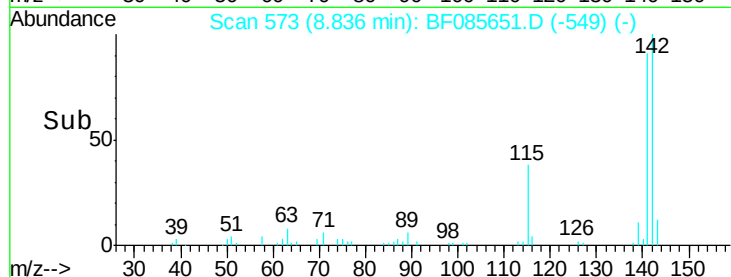
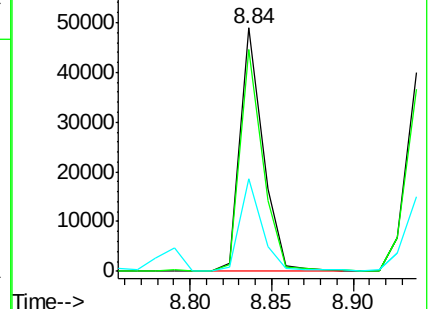
115 37.9 26.8 40.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF085651.D

Acq: 22 Mar 2016 7:07

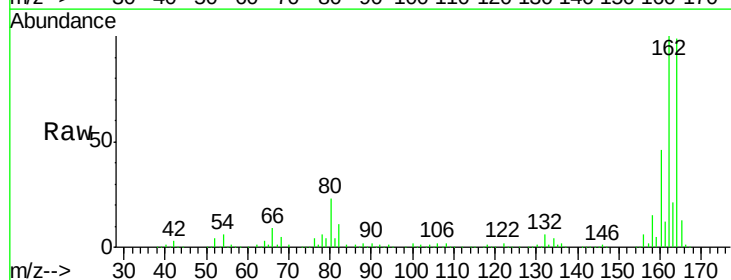
Tgt Ion:164 Resp: 207607

Ion Ratio Lower Upper

164 100

162 100.9 82.1 123.1

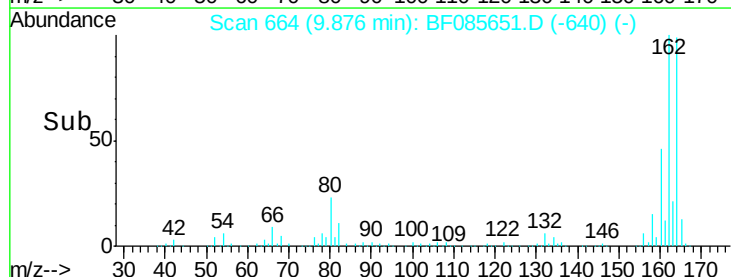
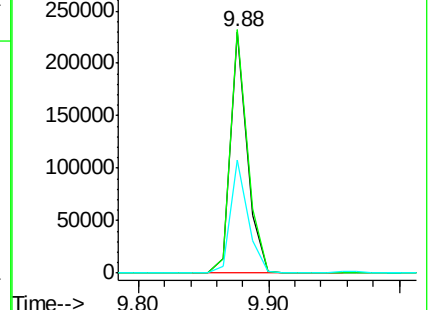
160 46.6 37.4 56.2

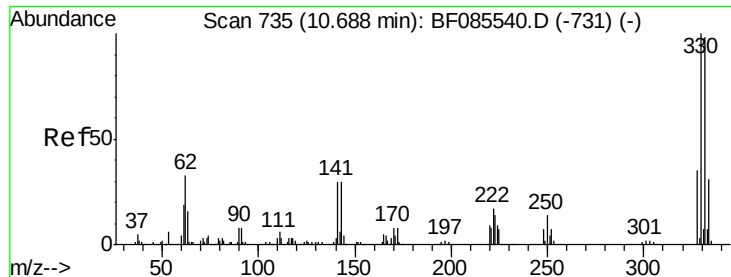


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

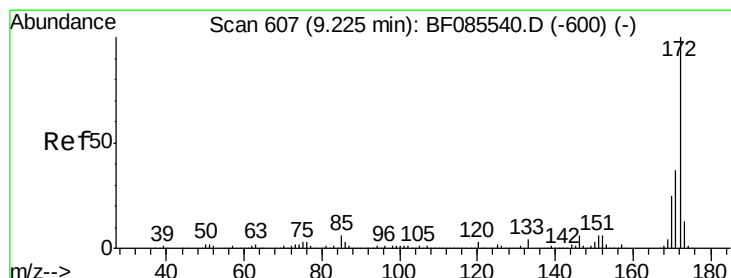
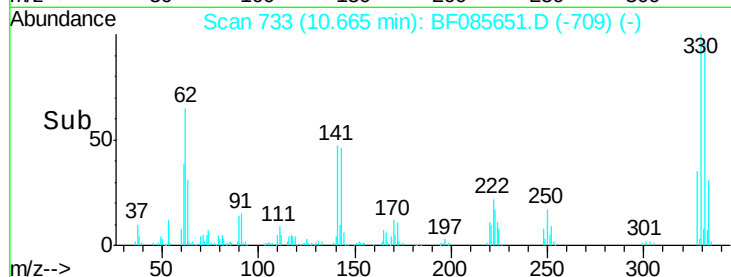
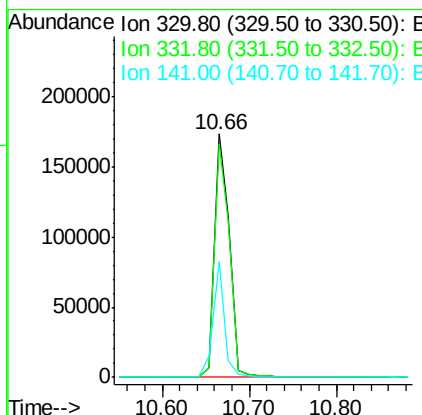
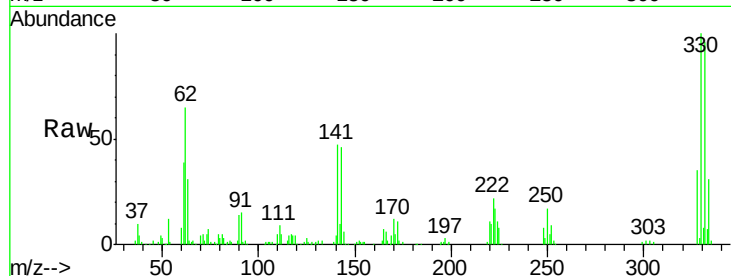




#41
 2,4,6-Tribromophenol
 Concen: 103.80 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF085651.D
 Acq: 22 Mar 2016 7:07

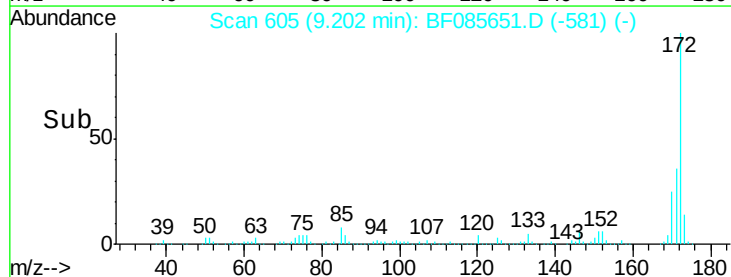
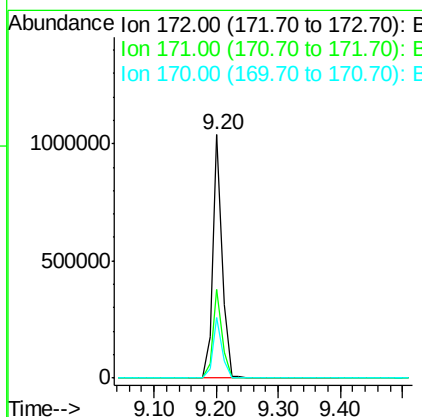
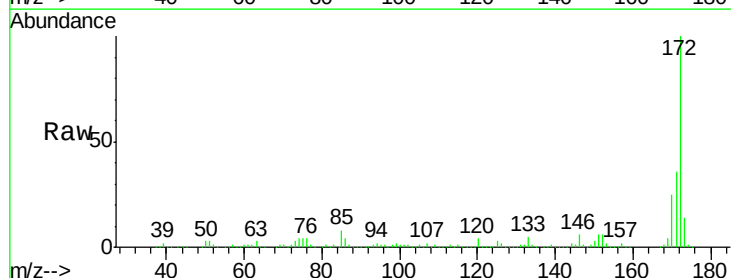
Instrument :
 BNA_F
 ClientSampleId :
 WC-1

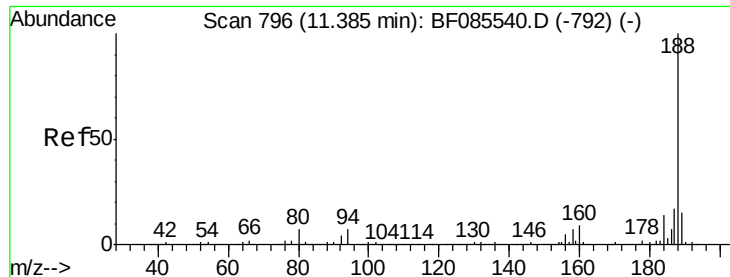
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.2	117.2
141	37.1	31.5	47.3



#44
 2-Fluorobiphenyl
 Concen: 89.45 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085651.D
 Acq: 22 Mar 2016 7:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.2
170	24.8	19.8	29.6

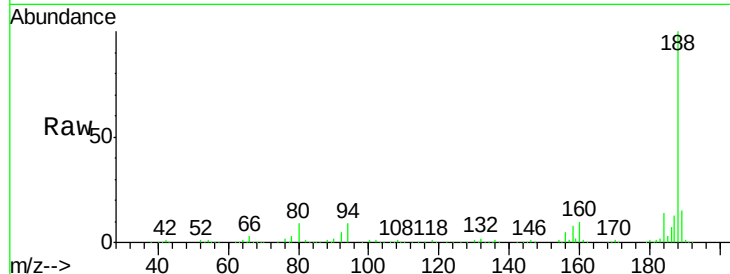




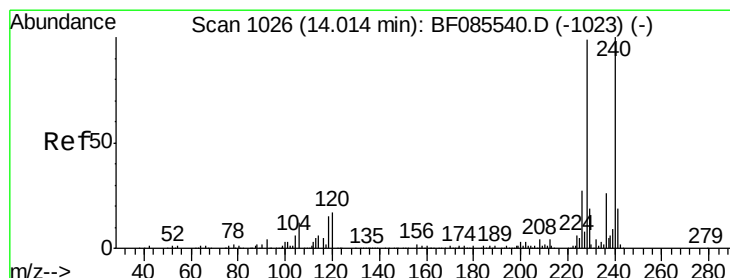
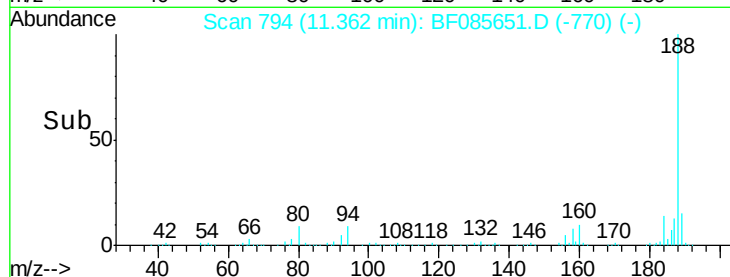
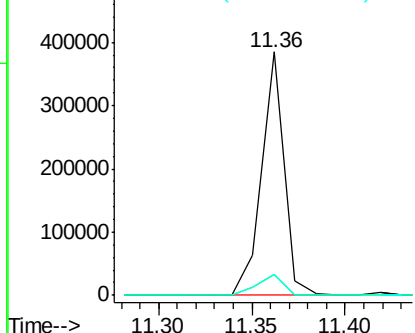
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF085651.D
Acq: 22 Mar 2016 7:07

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:188 Resp: 327351
Ion Ratio Lower Upper
188 100
94 8.7 5.4 8.0#
80 8.7 5.5 8.3#

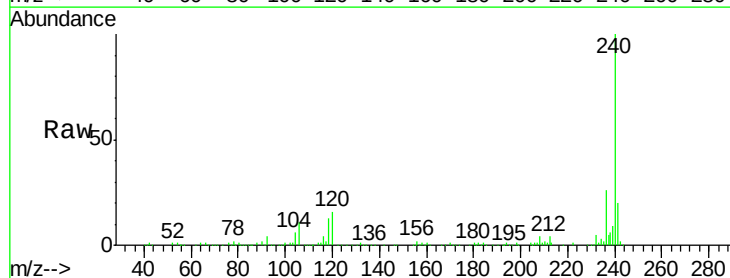


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

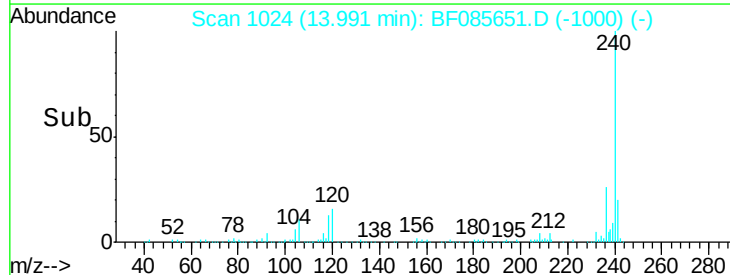
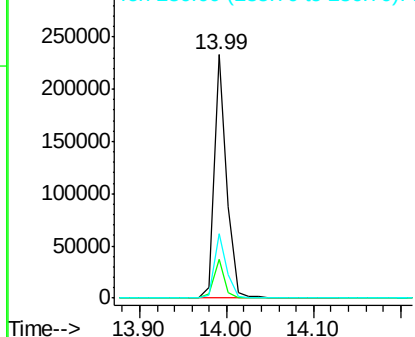


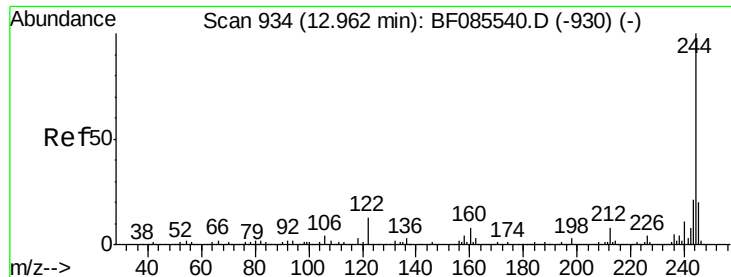
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF085651.D
Acq: 22 Mar 2016 7:07

Tgt Ion:240 Resp: 235449
Ion Ratio Lower Upper
240 100
120 15.9 13.8 20.8
236 26.4 20.6 30.8



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

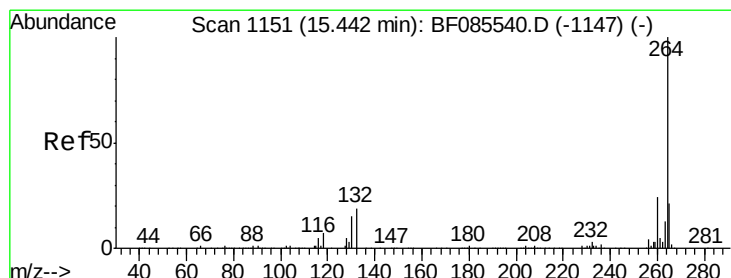
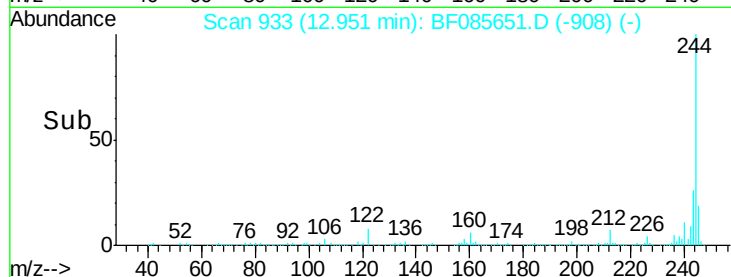
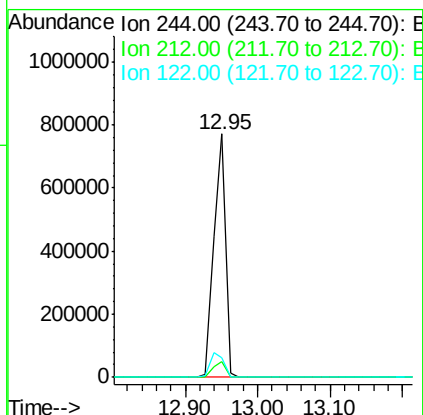
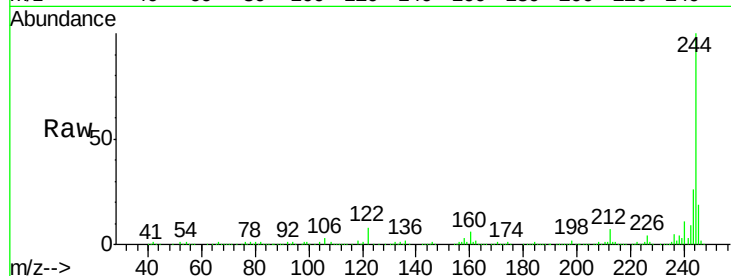




#78
 Terphenyl-d14
 Concen: 87.74 ng
 RT: 12.95 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF085651.D
 Acq: 22 Mar 2016 7:07

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tgt Ion:244 Resp: 858489
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.1 9.1
 122 8.2 10.2 15.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1149
 Delta R.T. -0.02 min
 Lab File: BF085651.D
 Acq: 22 Mar 2016 7:07

Tgt Ion:264 Resp: 241992
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.2 17.2 25.8

