

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
 Data File : BF087837.D
 Acq On : 9 Jun 2016 6:44
 Operator : UM/SJ
 Sample : H3405-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP-0.5-10.0

Quant Time: Jun 09 13:38:38 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

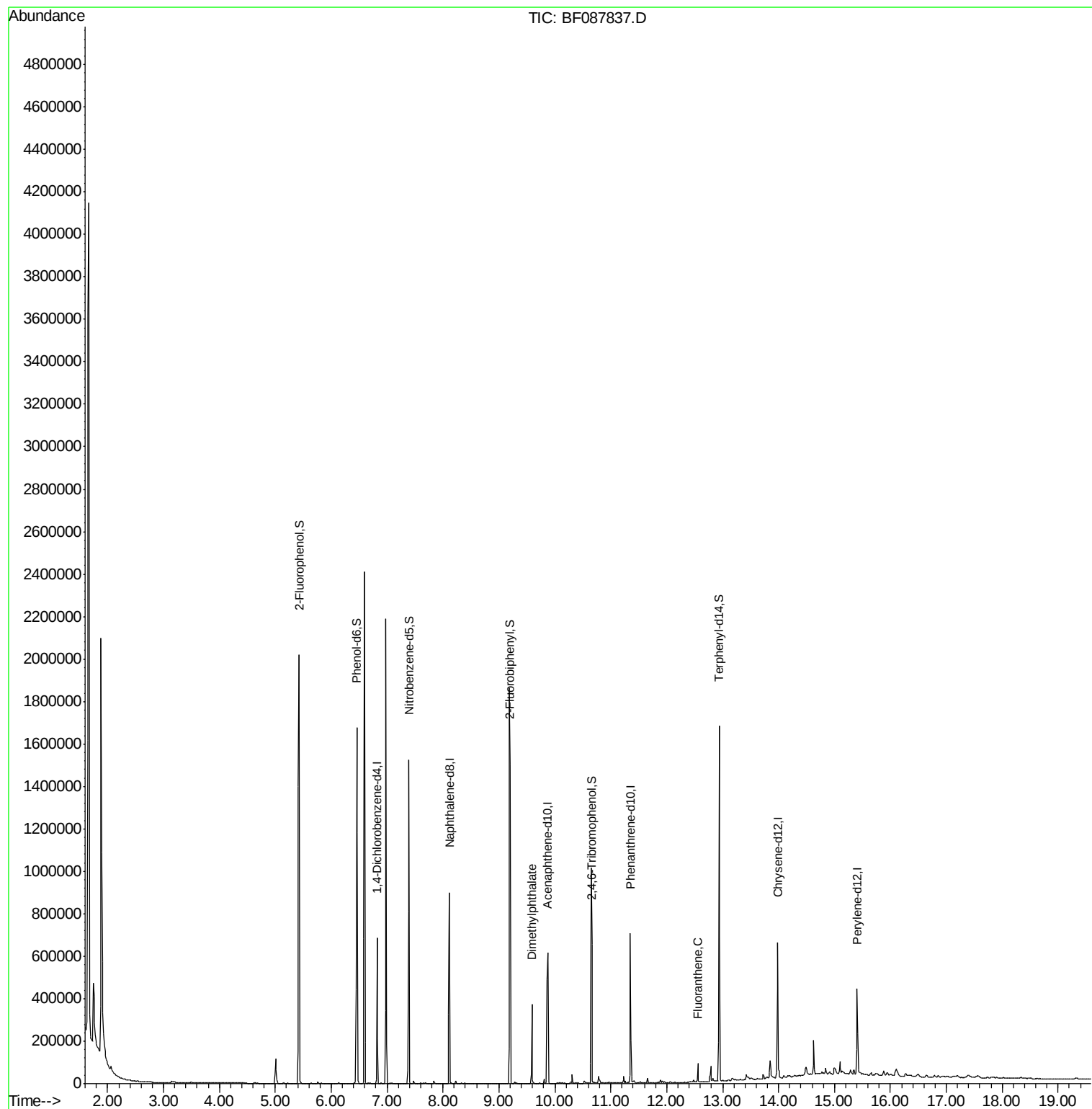
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	107286	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	438805	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	166860	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	261711	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	243841	20.00	ng	0.00
86) Perylene-d12	15.41	264	179881	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	747660	119.14	ng	0.00
7) Phenol-d6	6.46	99	885814	116.47	ng	-0.02
23) Nitrobenzene-d5	7.39	82	576769	76.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	171662	97.43	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	866687	81.36	ng	-0.01
78) Terphenyl-d14	12.94	244	582189	54.33	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.59	163	142387	11.78	ng	99
74) Fluoranthene	12.56	202	32310	2.23	ng	97

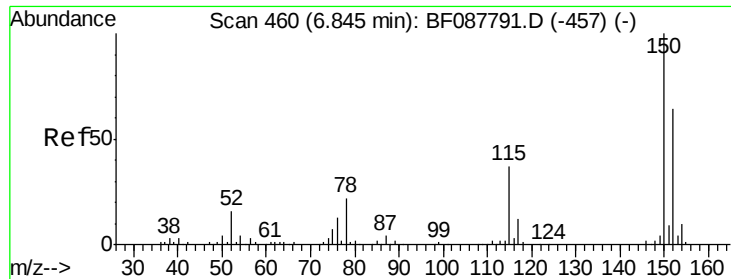
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087837.D
Acq On : 9 Jun 2016 6:44
Operator : UM/SJ
Sample : H3405-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP-0.5-10.0

Quant Time: Jun 09 13:38:38 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF087837.D

Acq: 9 Jun 2016 6:44

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP-0.5-10.0

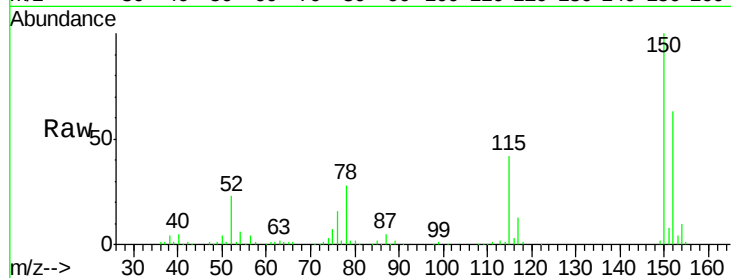
Tot Ion:152 Resp: 107286

Ion Ratio Lower Upper

152 100

150 159.6 123.8 185.6

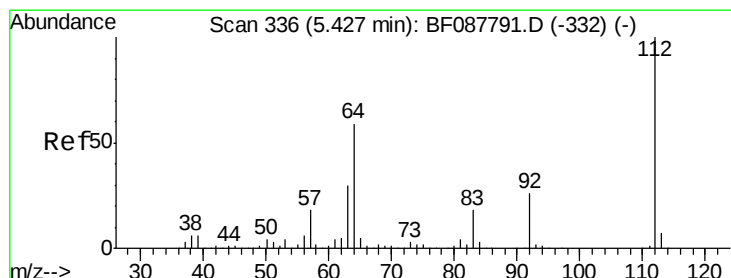
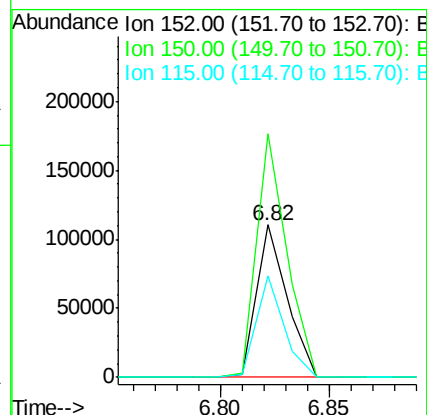
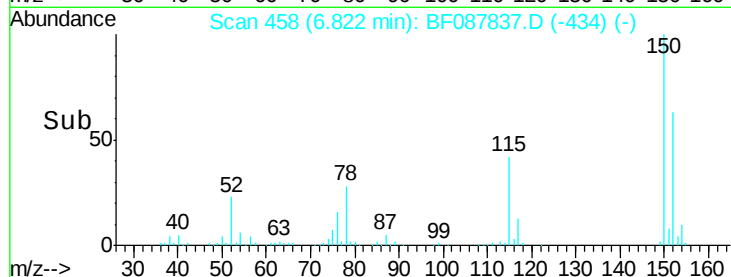
115 66.4 39.6 59.4#



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: 119.14 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.00 min

Lab File: BF087837.D

Acq: 9 Jun 2016 6:44

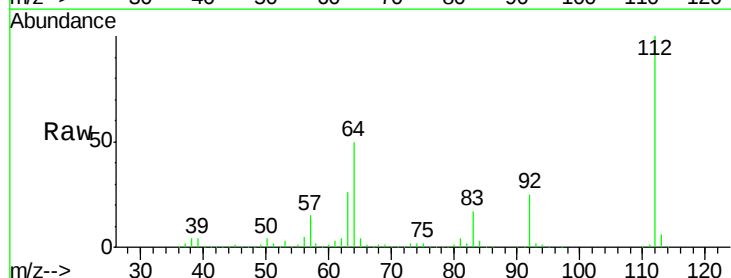
Tgt Ion:112 Resp: 747660

Ion Ratio Lower Upper

112 100

64 50.0 42.2 63.2

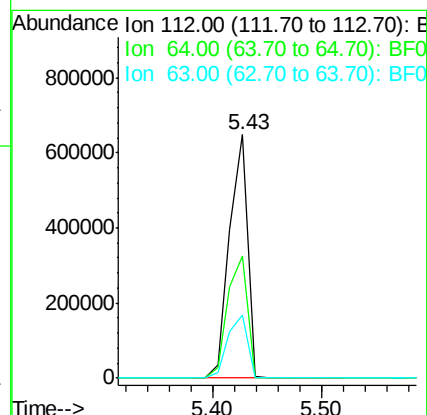
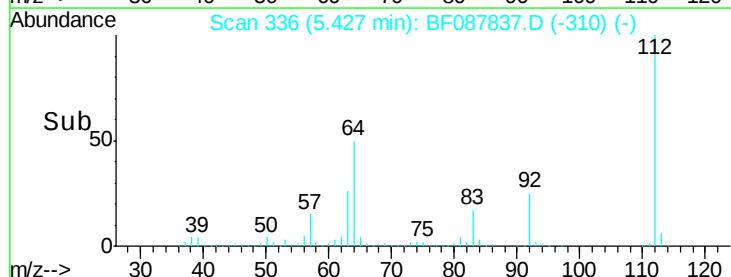
63 26.0 21.8 32.8

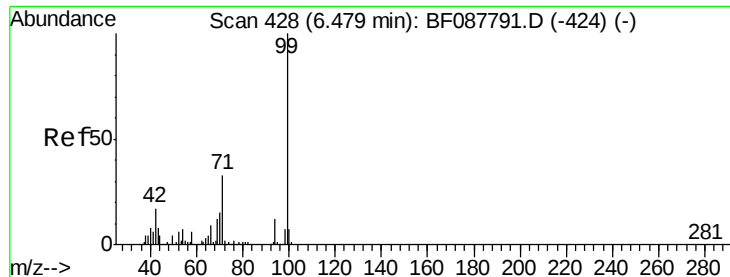


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.47 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF087837.D

Acq: 9 Jun 2016 6:44

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP-0.5-10.0

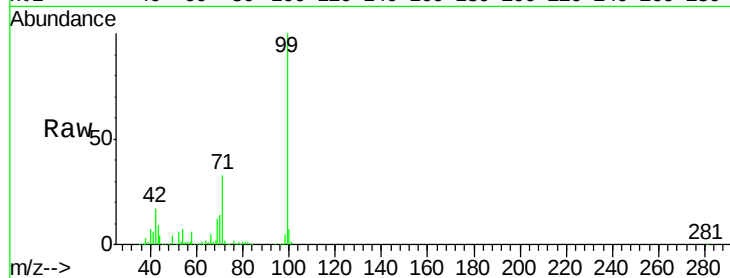
Tot Ion: 99 Resp: 885814

Ion Ratio Lower Upper

99 100

42 17.4 12.2 18.2

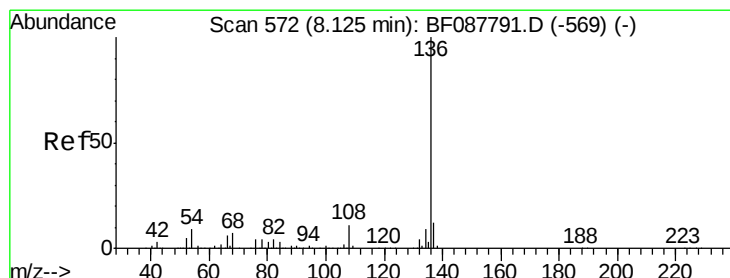
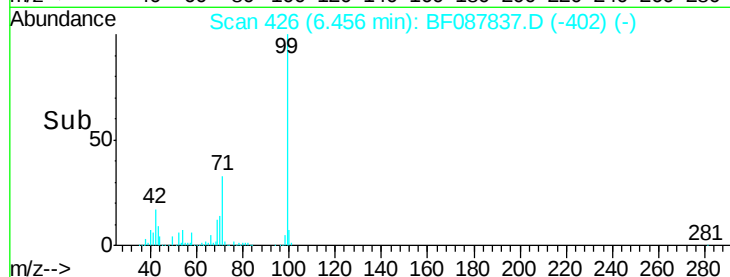
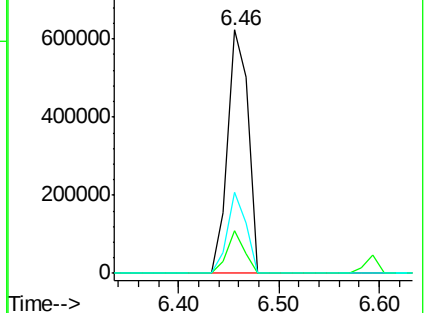
71 33.2 23.4 35.0



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: 8.11 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF087837.D

Acq: 9 Jun 2016 6:44

Tgt Ion: 136 Resp: 438805

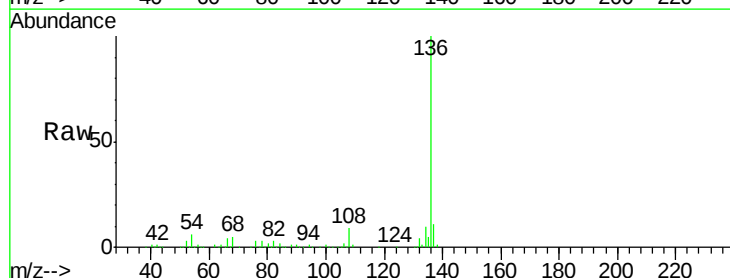
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 5.7 6.6 10.0#

68 4.9 5.1 7.7#

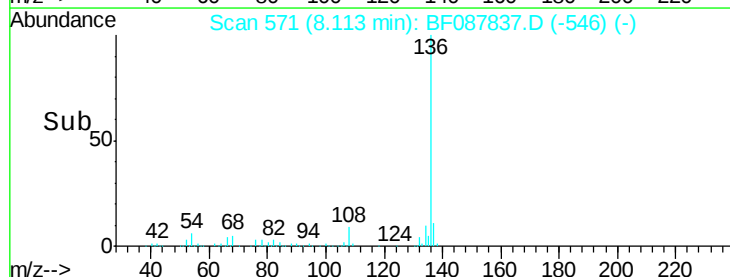
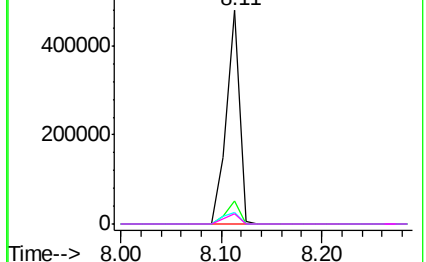


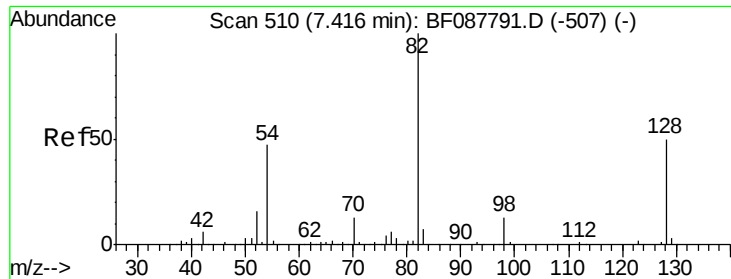
Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.75 ng

RT: 7.39 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF087837.D

Acq: 9 Jun 2016 6:44

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP-0.5-10.0

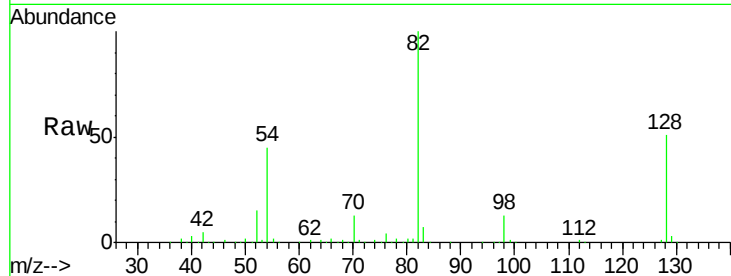
Tot Ion: 82 Resp: 576769

Ion Ratio Lower Upper

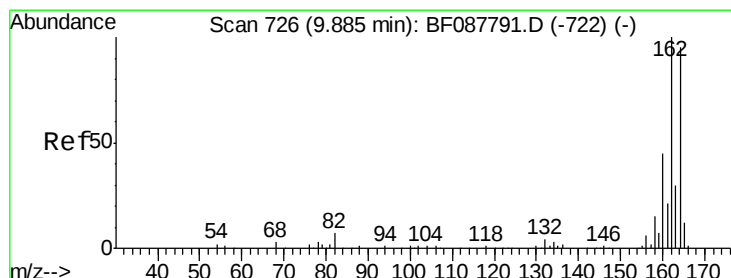
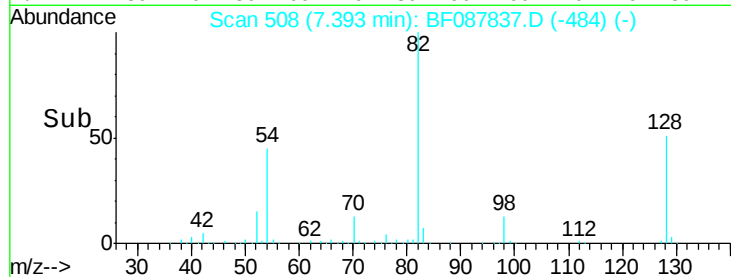
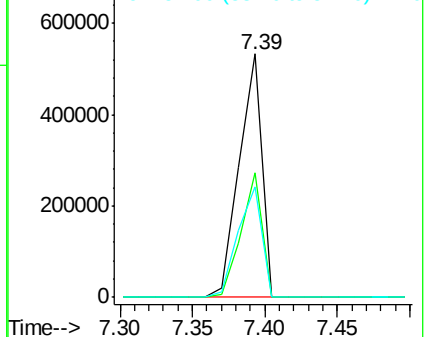
82 100

128 51.2 35.9 53.9

54 45.4 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: 9.87 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF087837.D

Acq: 9 Jun 2016 6:44

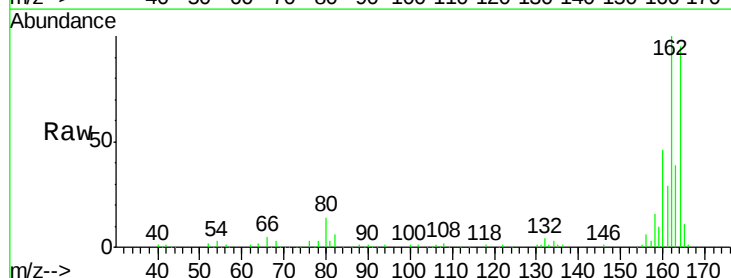
Tgt Ion:164 Resp: 166860

Ion Ratio Lower Upper

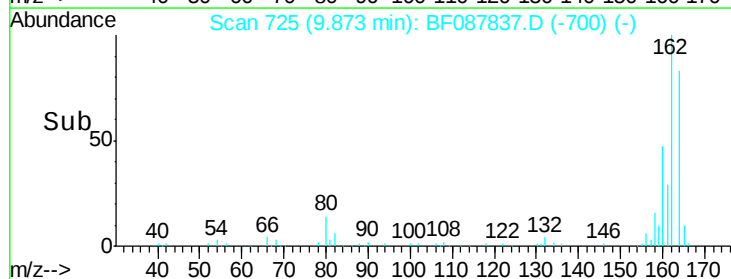
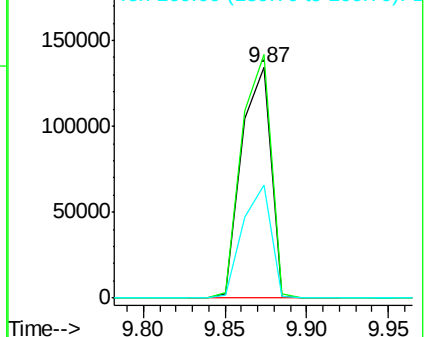
164 100

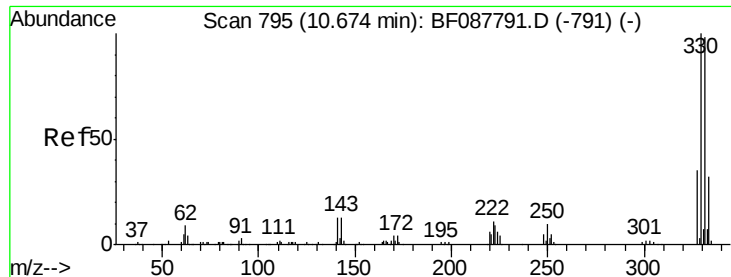
162 105.6 85.4 128.2

160 48.9 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

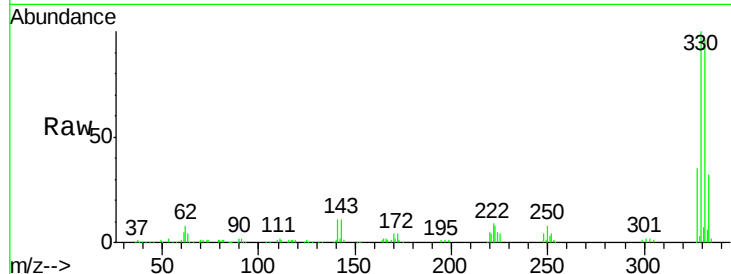




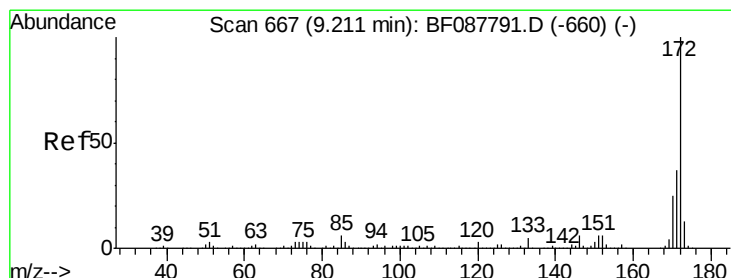
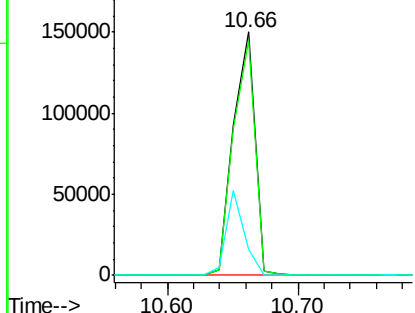
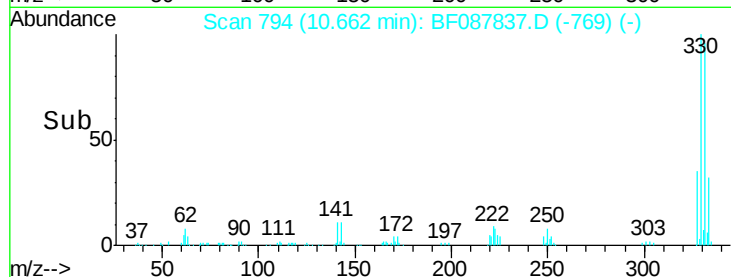
#41
 2,4,6-Tribromophenol
 Concen: 97.43 ng
 RT: 10.66 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF087837.D
 Acq: 9 Jun 2016 6:44

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP-0.5-10.0

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	29.8	0.0	0.0#

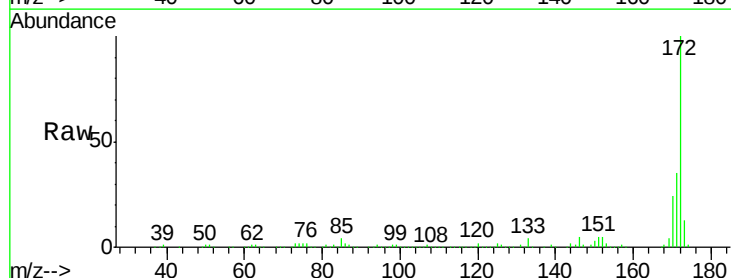


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

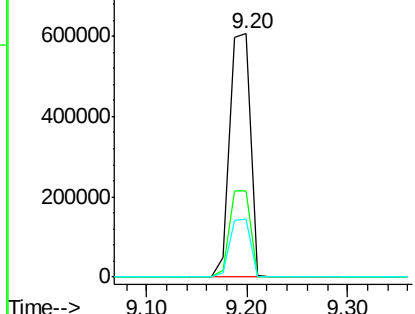
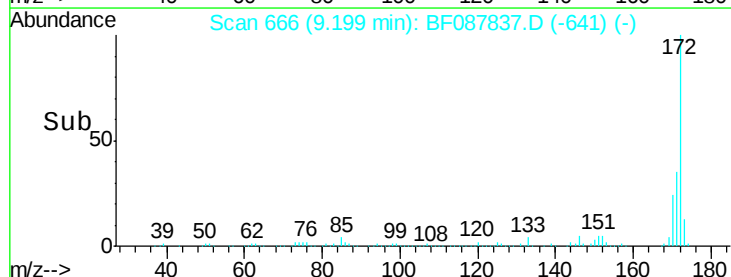


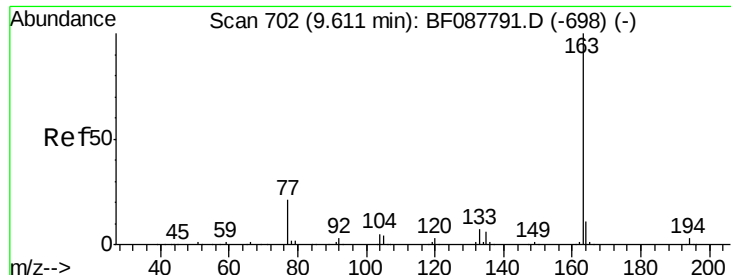
#44
 2-Fluorobiphenyl
 Concen: 81.36 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF087837.D
 Acq: 9 Jun 2016 6:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.6	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





#49

Dimethylphthalate

Concen: 11.78 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.02 min

Lab File: BF087837.D

Acq: 9 Jun 2016 6:44

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP-0.5-10.0

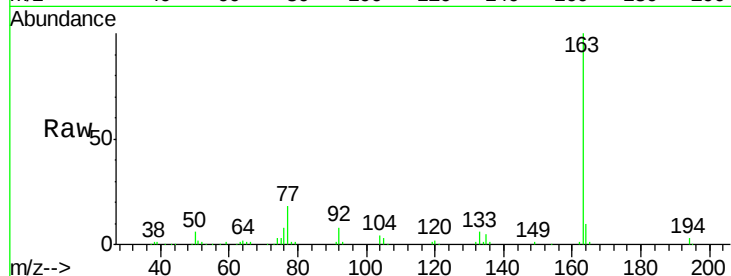
Tot Ion:163 Resp: 142387

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

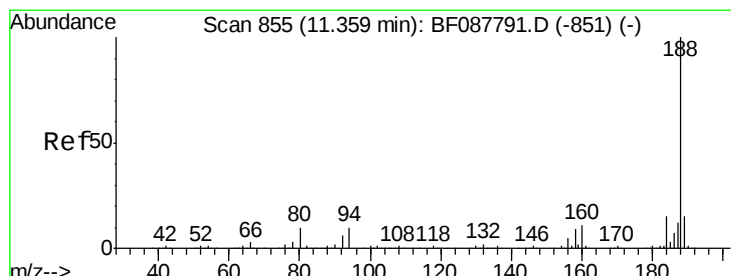
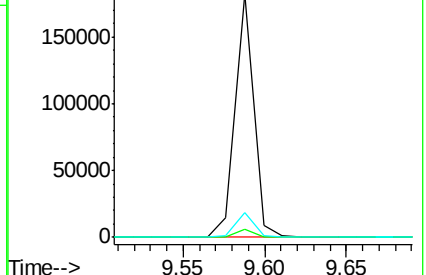
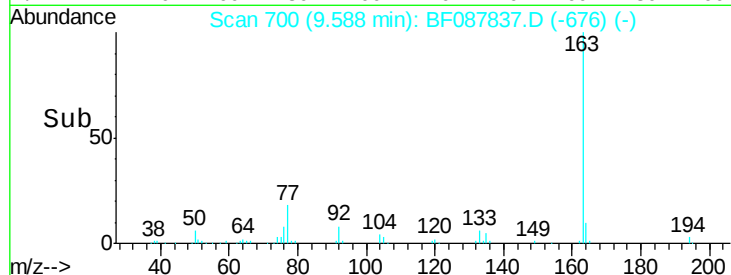
164 10.1 8.3 12.5



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: 11.35 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF087837.D

Acq: 9 Jun 2016 6:44

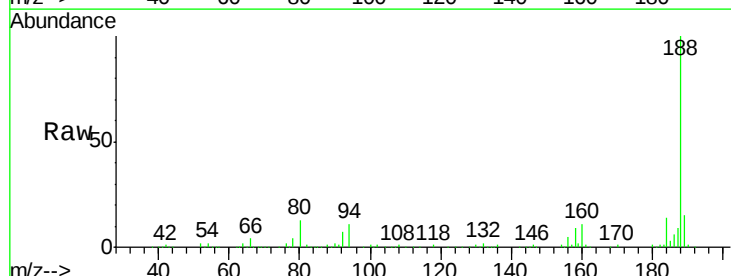
Tgt Ion:188 Resp: 261711

Ion Ratio Lower Upper

188 100

94 11.4 9.0 13.6

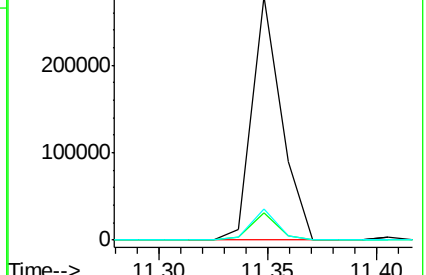
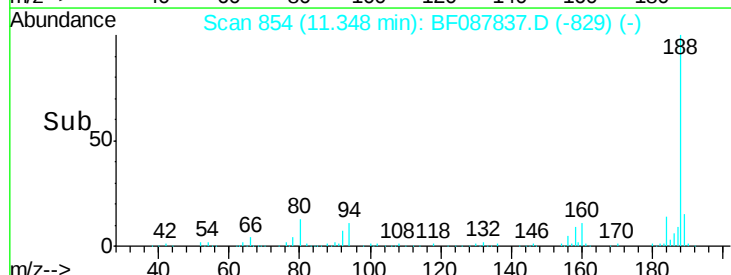
80 12.7 10.0 15.0

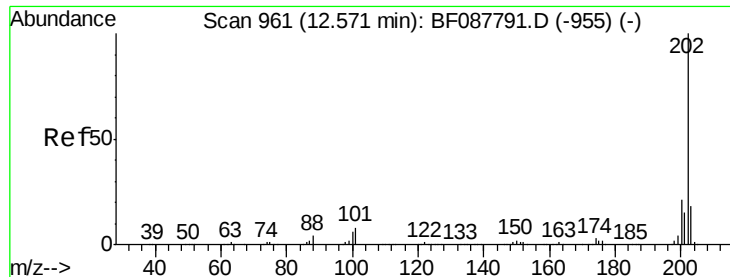


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.23 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF087837.D

Acq: 9 Jun 2016 6:44

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP-0.5-10.0

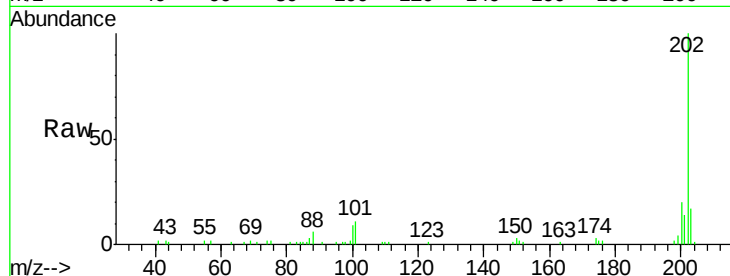
Tot Ion:202 Resp: 32310

Ion Ratio Lower Upper

202 100

101 11.4 0.0 33.1

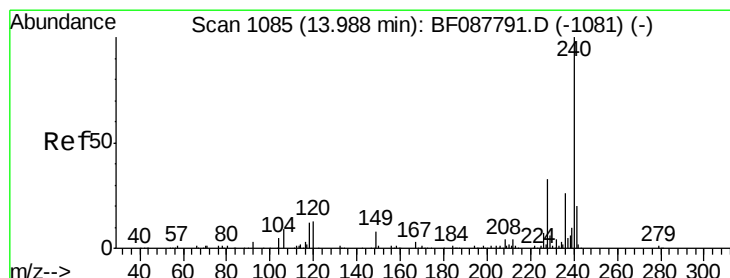
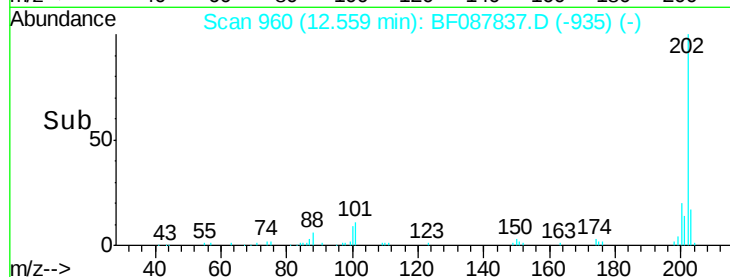
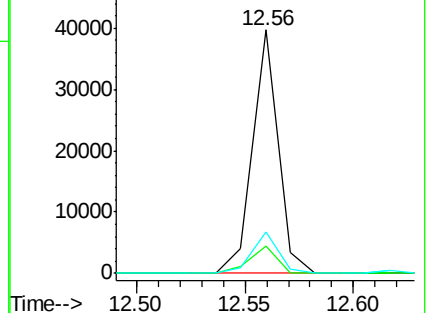
203 17.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BF087837.D

Acq: 9 Jun 2016 6:44

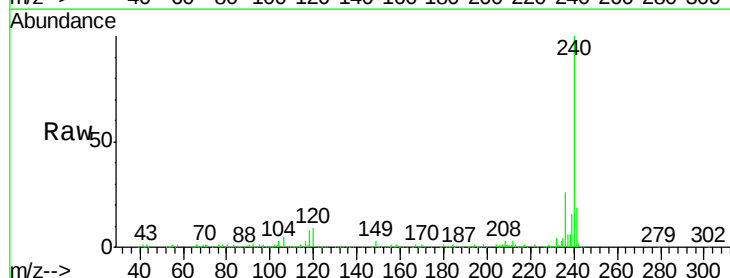
Tgt Ion:240 Resp: 243841

Ion Ratio Lower Upper

240 100

120 8.6 6.8 10.2

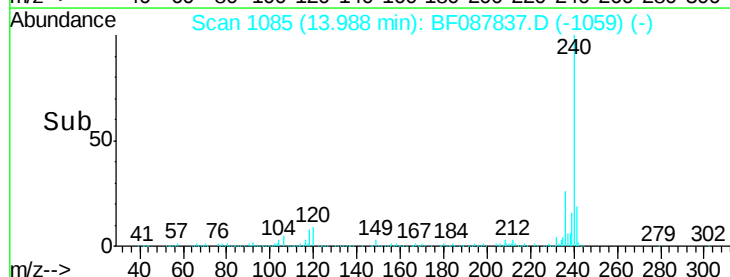
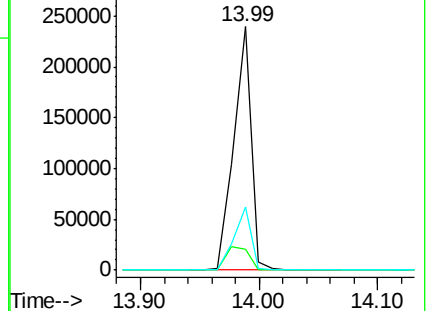
236 26.0 20.2 30.2

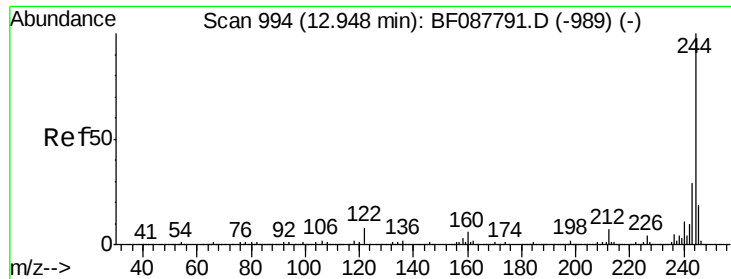


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

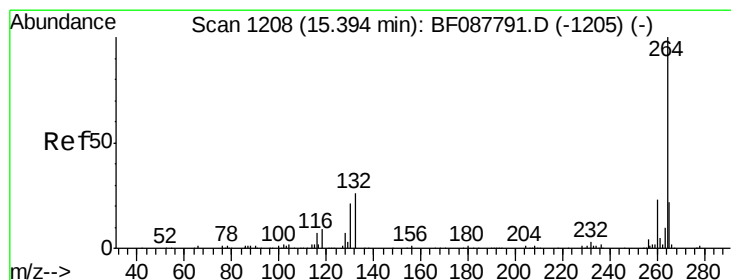
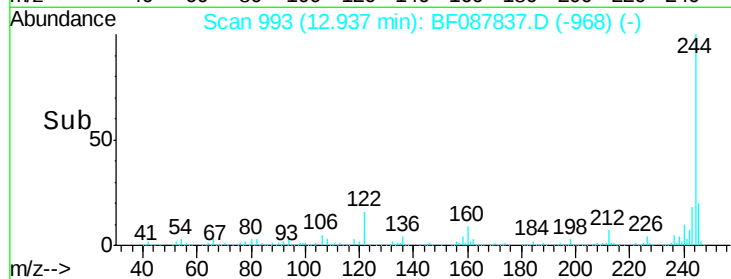
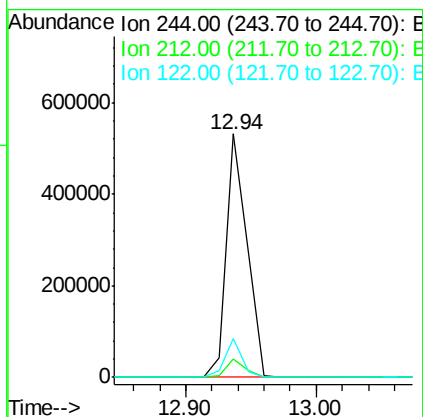
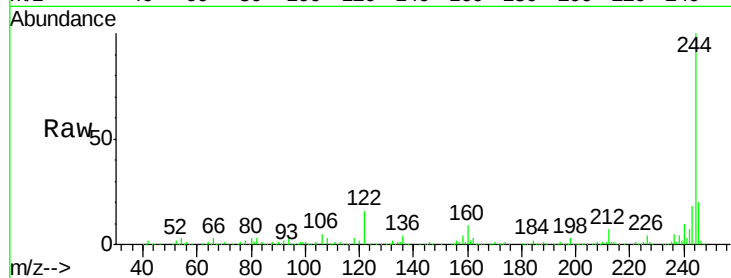




#78
 Terphenyl-d14
 Concen: 54.33 ng
 RT: 12.94 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF087837.D
 Acq: 9 Jun 2016 6:44

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP-0.5-10.0

Tot Ion:244 Resp: 582189
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 16.1 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF087837.D
 Acq: 9 Jun 2016 6:44

Tgt Ion:264 Resp: 179881
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.6 16.9 25.3

