

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085826.D
 Acq On : 29 Mar 2016 2:53
 Operator : UM/SJ
 Sample : H1967-02 25X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B6COMP

Quant Time: Mar 29 03:43:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

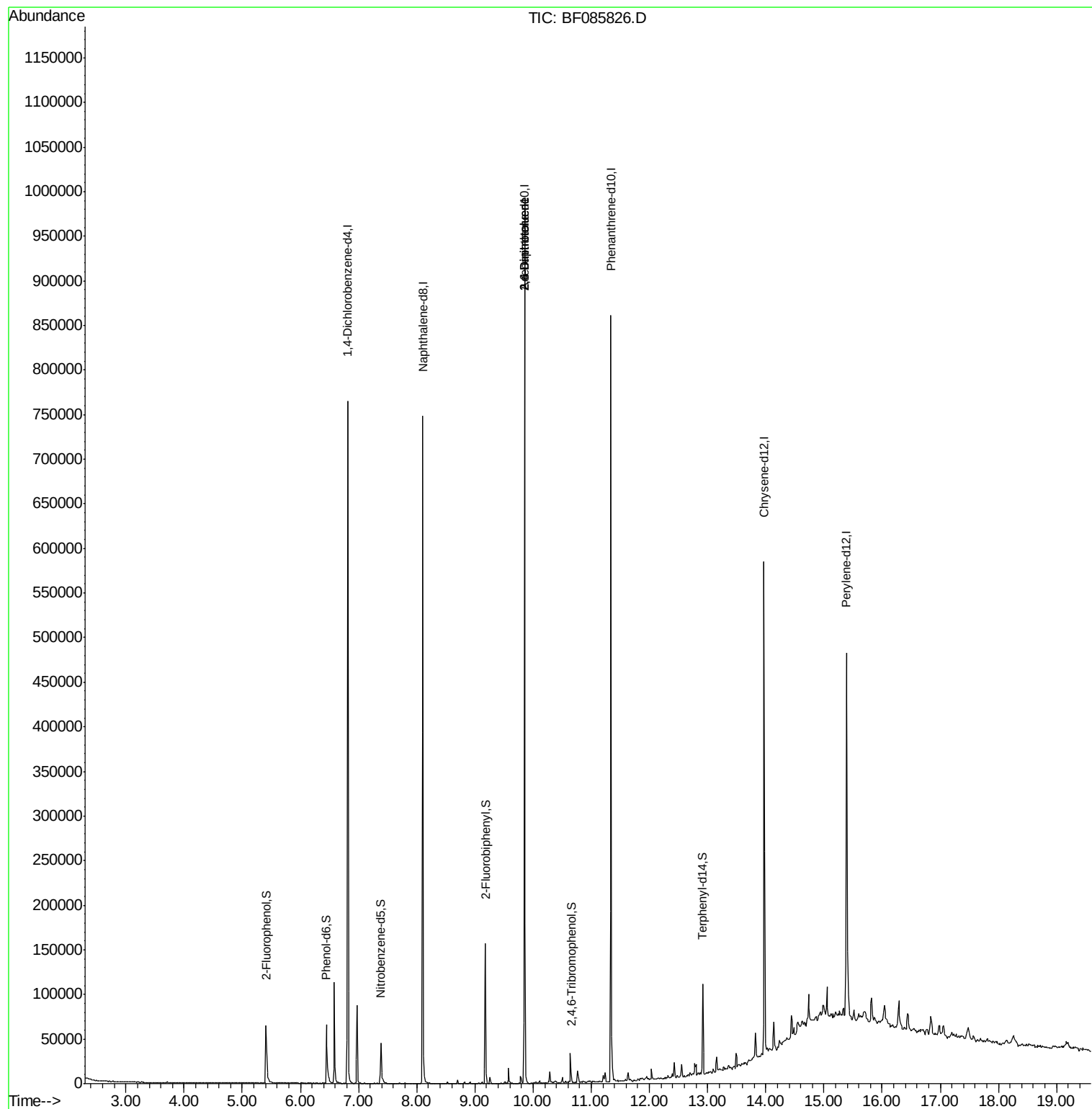
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	109809	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	419466	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	184572	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	310084	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	199272	20.00	ng	-0.01
86) Perylene-d12	15.39	264	212442	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	32040	4.86	ng	0.00
7) Phenol-d6	6.45	99	42350	5.05	ng	-0.01
23) Nitrobenzene-d5	7.38	82	22735	3.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	4487	2.56	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	50412	4.56	ng	-0.01
78) Terphenyl-d14	12.92	244	29009	2.99	ng	-0.01
Target Compounds						
37) 2-Methylnaphthalene	8.82	142	902	Below Cal		87
50) 2,6-Dinitrotoluene	9.85	165	23303	7.73 ng	#	18
56) 2,4-Dinitrotoluene	9.85	165	23304	6.08 ng	#	36

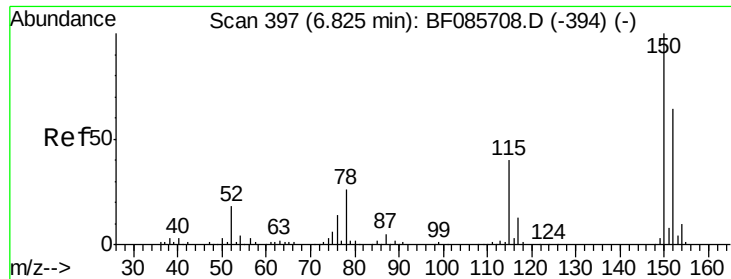
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF085826.D

Acq: 29 Mar 2016 2:53

Instrument :

BNA_F

ClientSampleId :

TEC-B6COMP

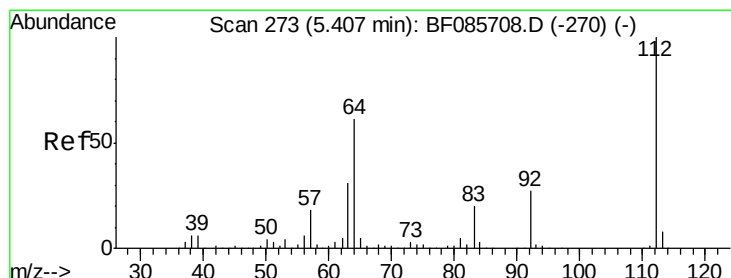
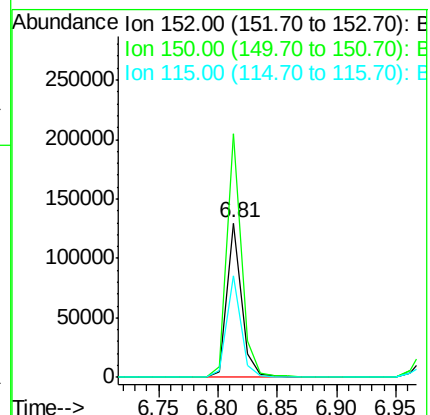
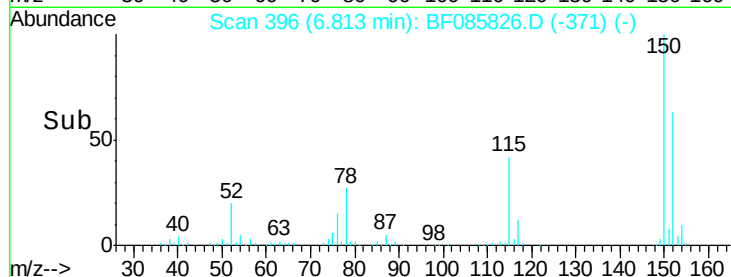
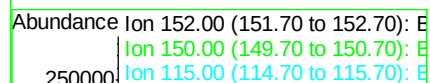
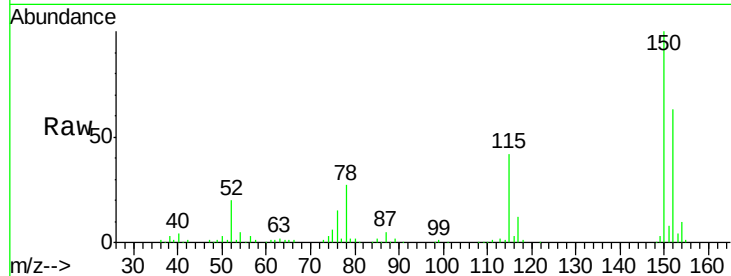
Tgt Ion:152 Resp: 109809

Ion Ratio Lower Upper

152 100

150 157.7 124.2 186.2

115 65.5 47.0 70.6



#5

2-Fluorophenol

Concen: 4.86 ng

RT: 5.41 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF085826.D

Acq: 29 Mar 2016 2:53

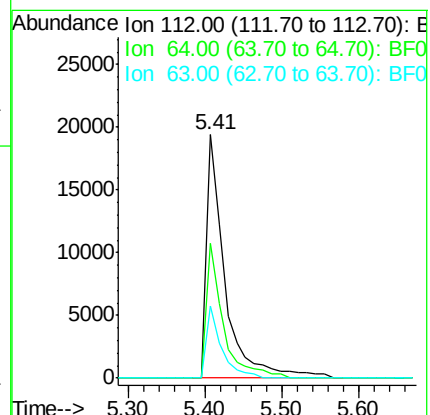
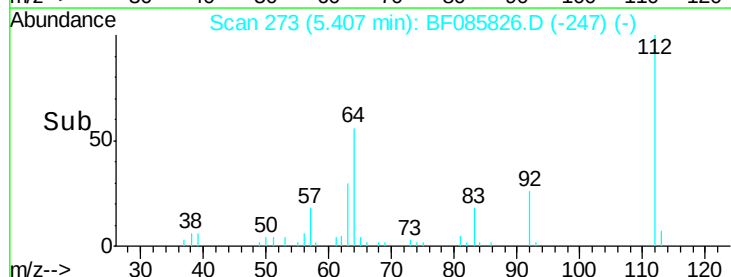
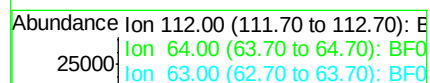
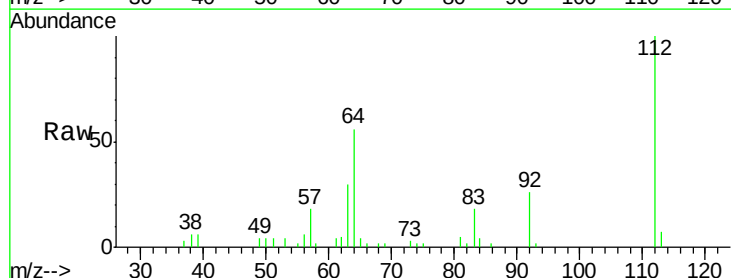
Tgt Ion:112 Resp: 32040

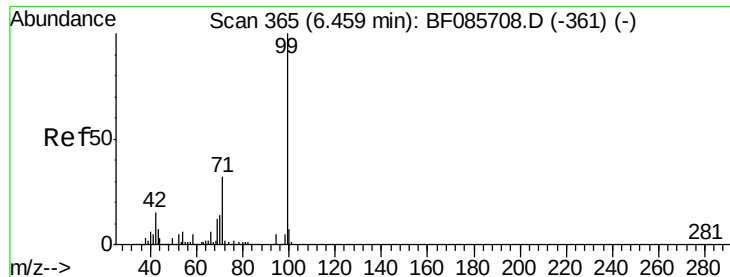
Ion Ratio Lower Upper

112 100

64 55.6 39.9 59.9

63 29.8 20.2 30.2





#7

Phenol-d6

Concen: 5.05 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085826.D

Acq: 29 Mar 2016 2:53

Instrument :

BNA_F

ClientSampleId :

TEC-B6COMP

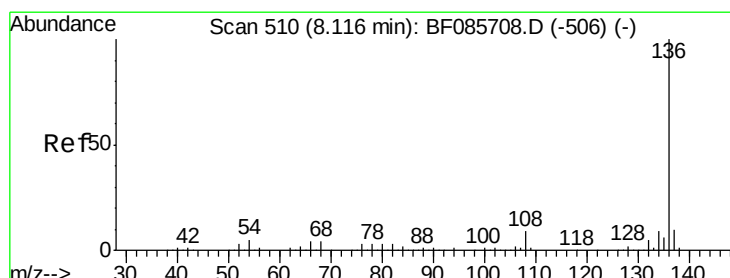
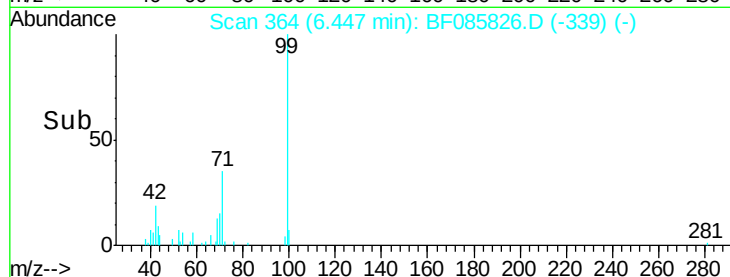
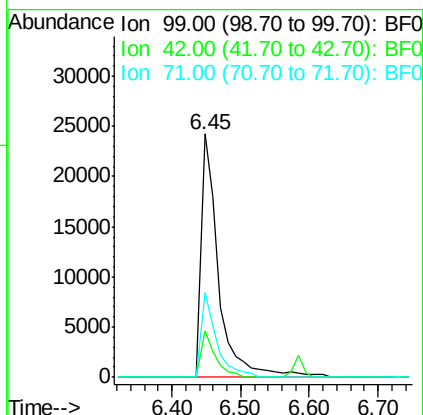
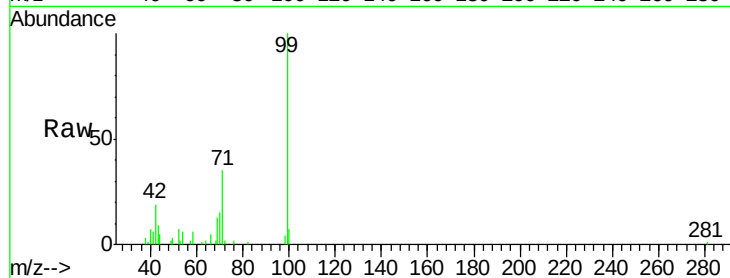
Tgt Ion: 99 Resp: 42350

Ion Ratio Lower Upper

99 100

42 18.9 11.1 16.7#

71 35.0 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085826.D

Acq: 29 Mar 2016 2:53

Tgt Ion: 136 Resp: 419466

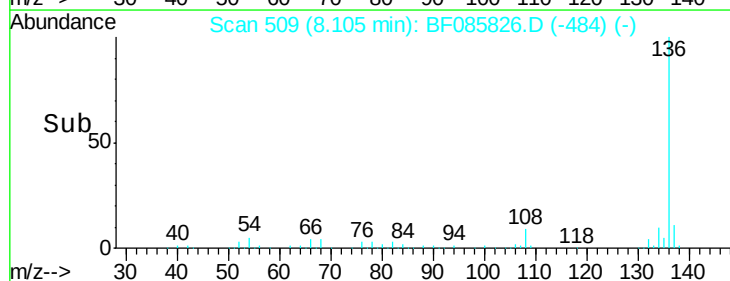
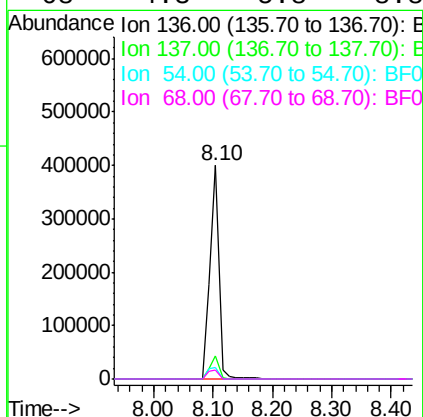
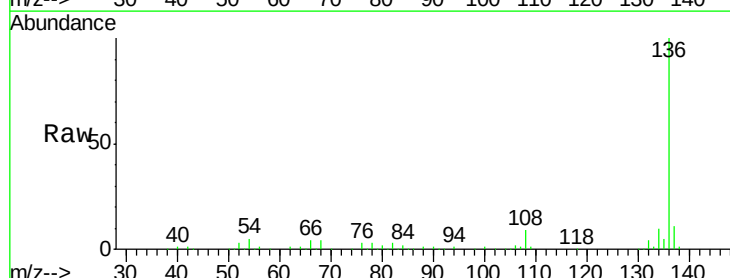
Ion Ratio Lower Upper

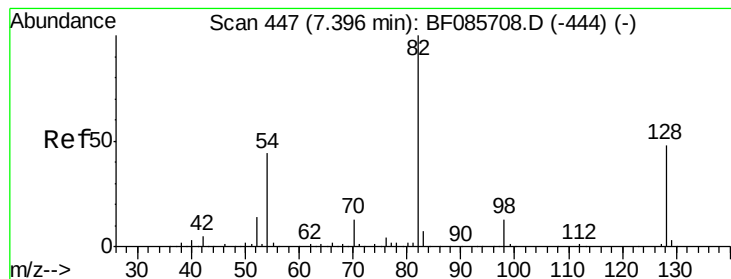
136 100

137 10.7 9.1 13.7

54 5.3 7.4 11.0#

68 4.3 5.8 8.8#





#23

Nitrobenzene-d5

Concen: 3.05 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085826.D

Acq: 29 Mar 2016 2:53

Instrument :

BNA_F

ClientSampleId :

TEC-B6COMP

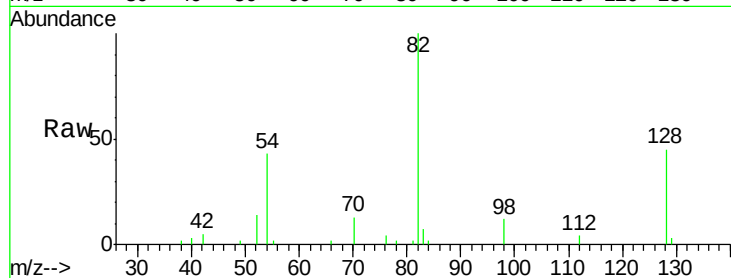
Tgt Ion: 82 Resp: 22735

Ion Ratio Lower Upper

82 100

128 44.7 41.8 62.8

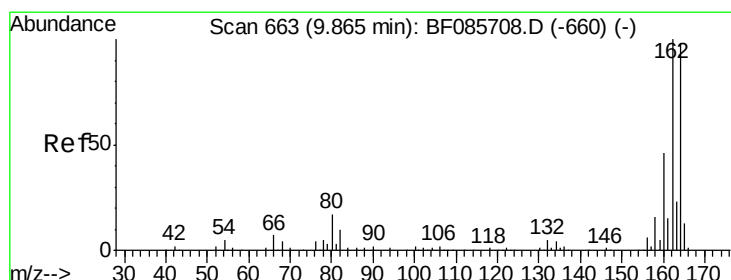
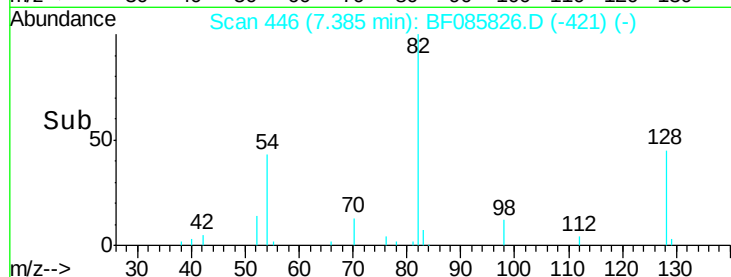
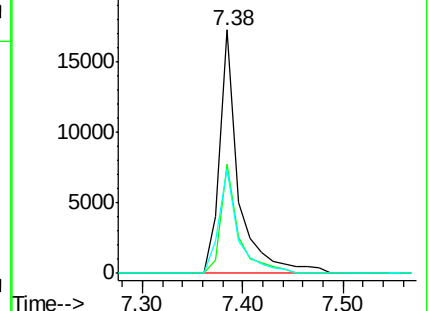
54 42.7 33.4 50.0



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF085826.D

Acq: 29 Mar 2016 2:53

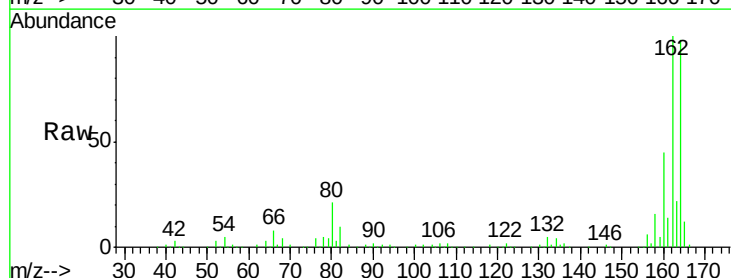
Tgt Ion: 164 Resp: 184572

Ion Ratio Lower Upper

164 100

162 102.0 82.1 123.1

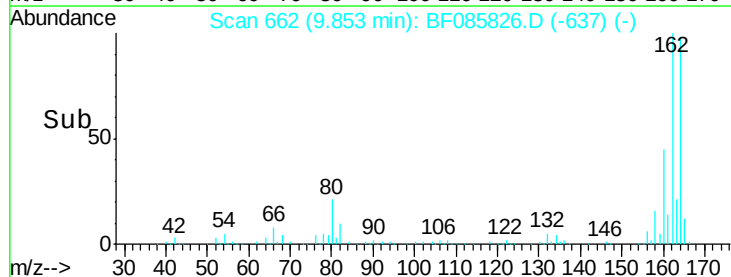
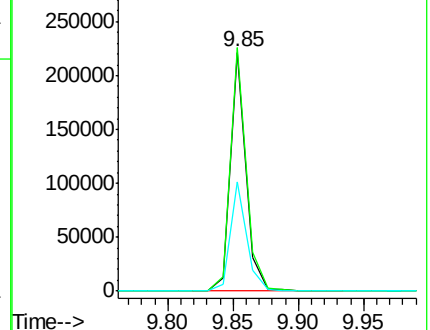
160 46.0 37.4 56.2

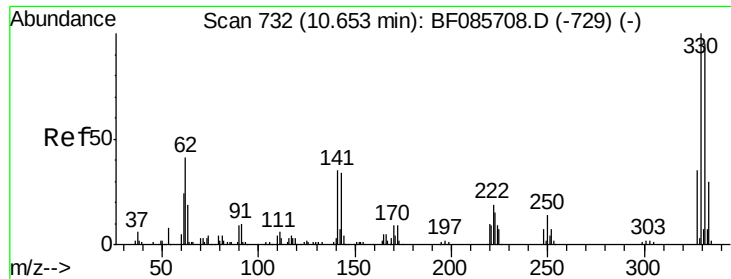


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

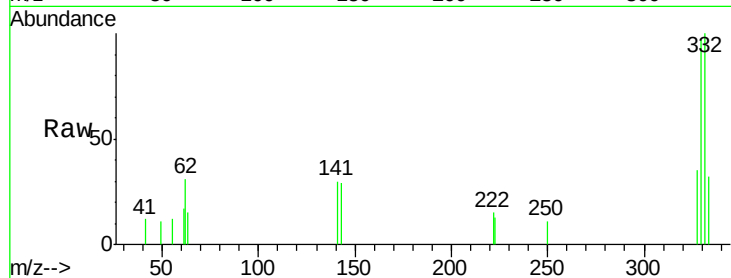




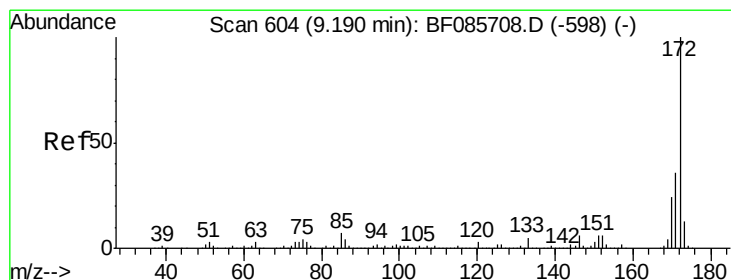
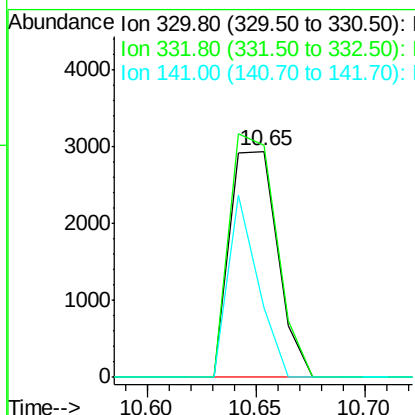
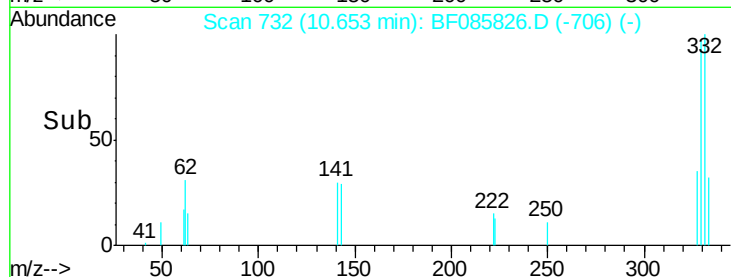
#41
 2,4,6-Tribromophenol
 Concen: 2.56 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085826.D
 Acq: 29 Mar 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B6COMP

Tgt Ion:330 Resp: 4487
 Ion Ratio Lower Upper
 330 100
 332 106.0 78.2 117.2
 141 50.1 31.5 47.3#

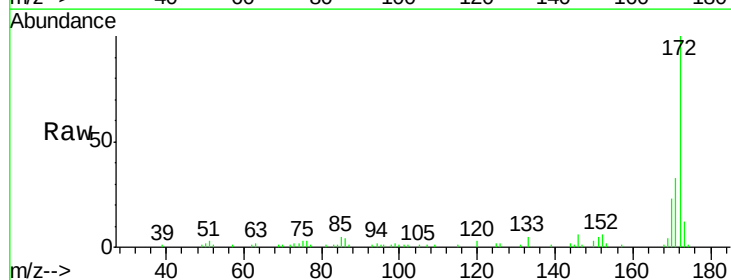


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

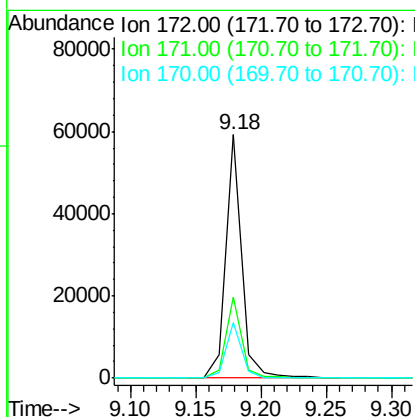
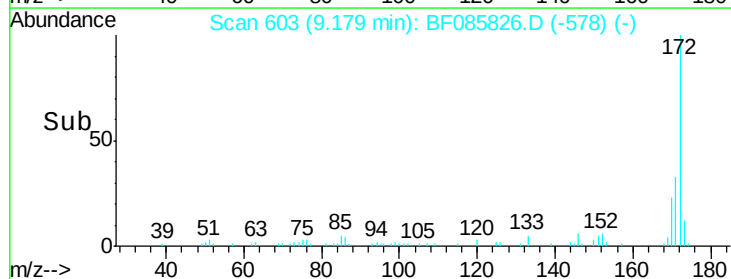


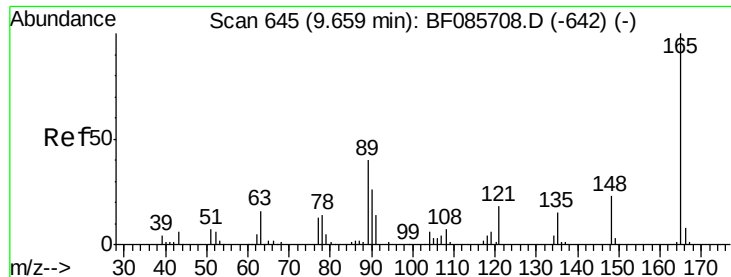
#44
 2-Fluorobiphenyl
 Concen: 4.56 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085826.D
 Acq: 29 Mar 2016 2:53

Tgt Ion:172 Resp: 50412
 Ion Ratio Lower Upper
 172 100
 171 33.1 29.4 44.2
 170 22.8 19.8 29.6



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: 7.73 ng

RT: 9.85 min Scan# 662

Delta R.T. 0.19 min

Lab File: BF085826.D

Acq: 29 Mar 2016 2:53

Instrument :

BNA_F

ClientSampleId :

TEC-B6COMP

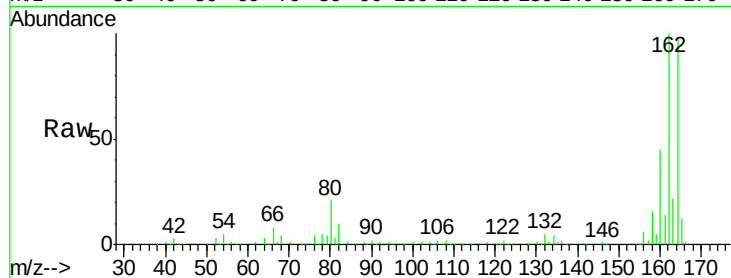
Tgt Ion:165 Resp: 23303

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.8#

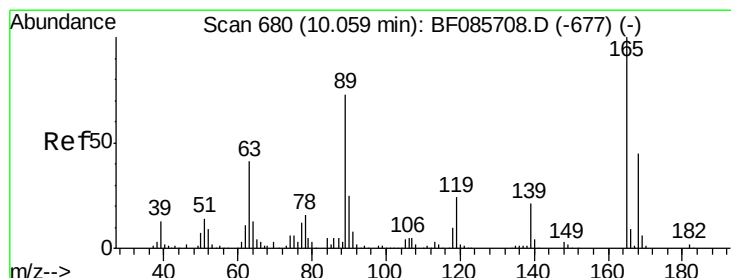
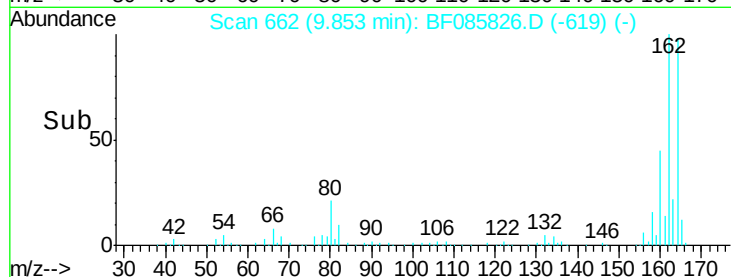
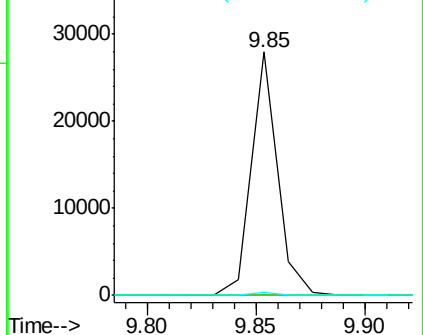
89 1.4 53.7 80.5#



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: 6.08 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.21 min

Lab File: BF085826.D

Acq: 29 Mar 2016 2:53

Tgt Ion:165 Resp: 23304

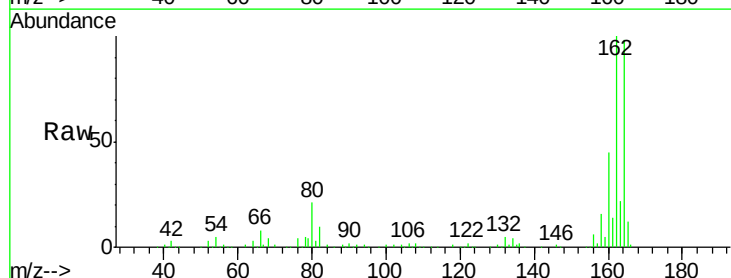
Ion Ratio Lower Upper

165 100

63 0.0 24.9 37.3#

89 1.4 41.0 61.6#

182 0.0 2.1 3.1#

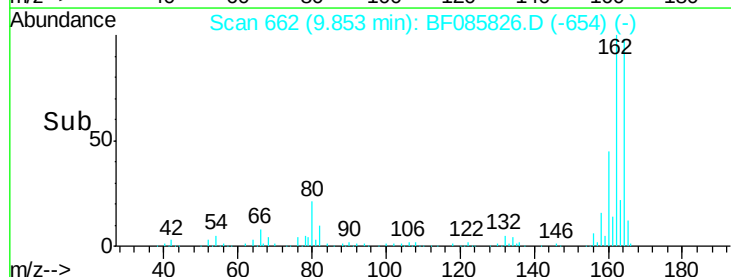
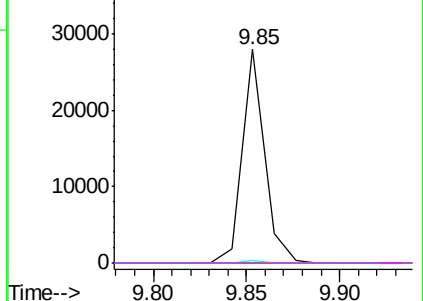


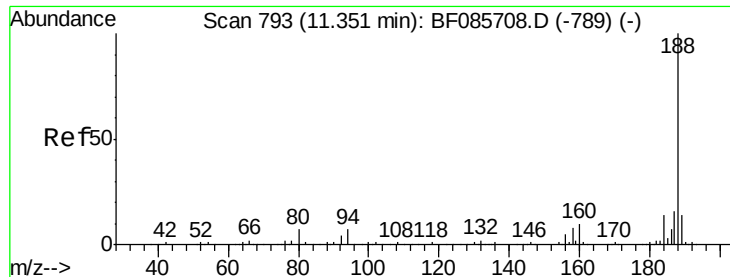
Abundance Ion 165.00 (164.70 to 165.70): E

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

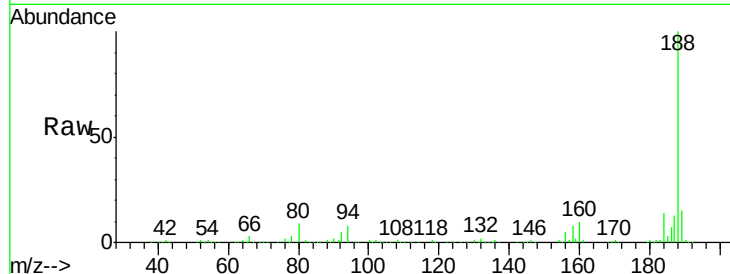




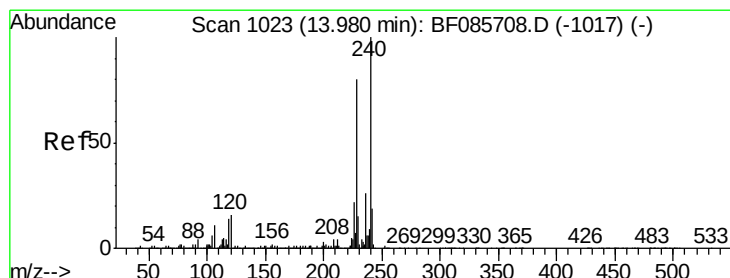
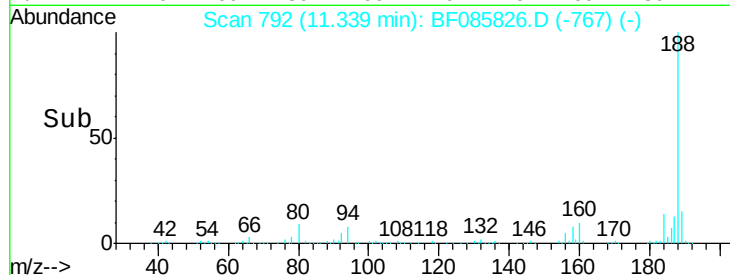
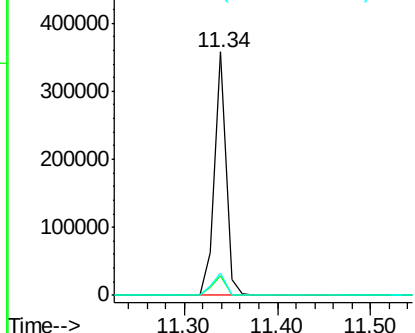
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085826.D
Acq: 29 Mar 2016 2:53

Instrument :
BNA_F
ClientSampleId :
TEC-B6COMP

Tgt Ion:188 Resp: 310084
Ion Ratio Lower Upper
188 100
94 8.3 5.4 8.0#
80 8.9 5.5 8.3#

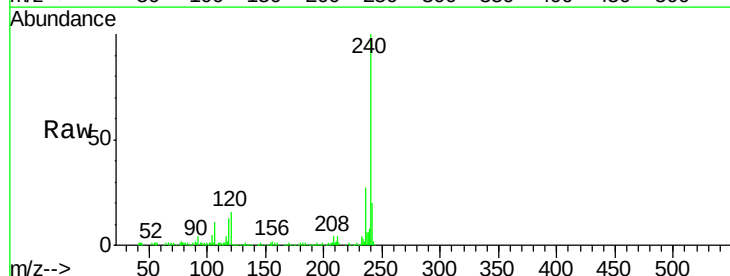


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

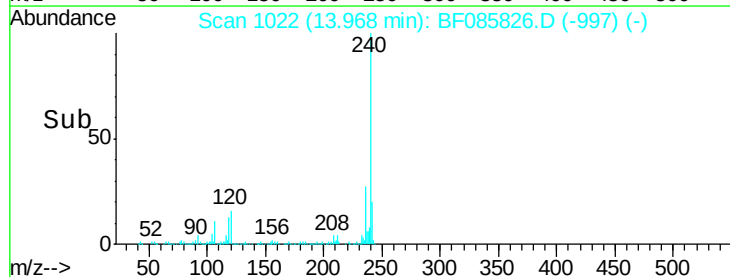
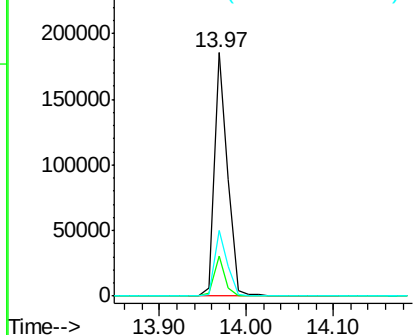


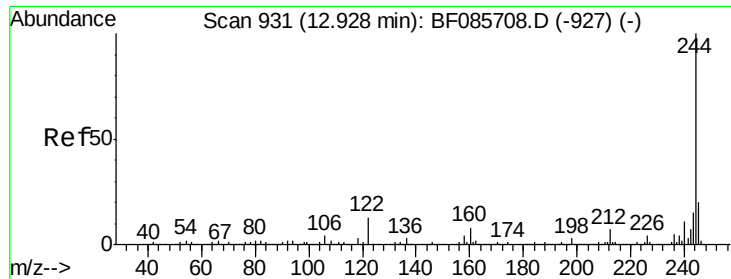
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF085826.D
Acq: 29 Mar 2016 2:53

Tgt Ion:240 Resp: 199272
Ion Ratio Lower Upper
240 100
120 16.4 13.8 20.8
236 26.8 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

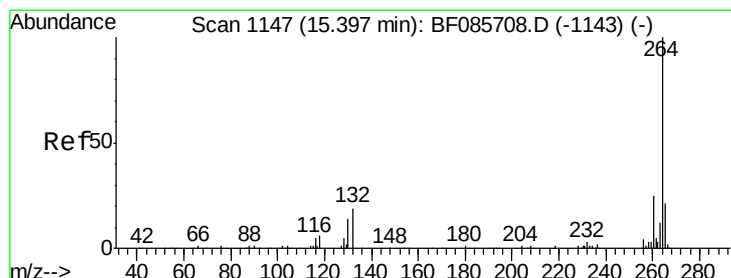
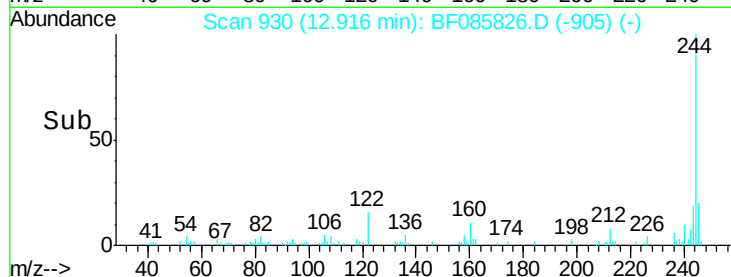
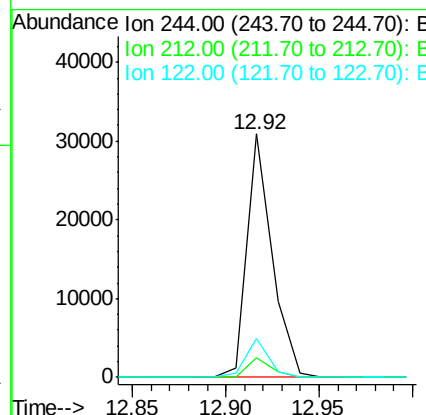
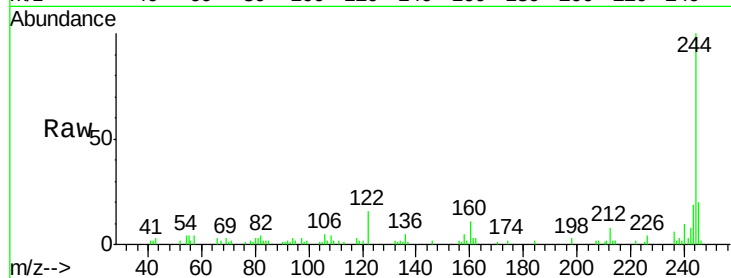




#78
 Terphenyl-d14
 Concen: 2.99 ng
 RT: 12.92 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF085826.D
 Acq: 29 Mar 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B6COMP

Tgt Ion: 244 Resp: 29009
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 15.7 10.2 15.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF085826.D
 Acq: 29 Mar 2016 2:53

Tgt Ion: 264 Resp: 212442
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 21.7 17.2 25.8

