

Data File : BF095826.D
Acq On : 9 Jun 2017 17:44
Operator : SJ/MA
Sample : PB99623BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB99623BL

Quant Time: Jun 10 01:24:18 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	64048	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	264862	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	122278	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	228804	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	198392	20.00	ng	-0.02
86) Perylene-d12	20.00	264	136744	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	559296	139.15	ng	-0.01
7) Phenol-d6	6.93	99	667714	138.76	ng	-0.03
23) Nitrobenzene-d5	8.28	82	382221	89.62	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	136415	126.09	ng	-0.04
44) 2-Fluorobiphenyl	11.18	172	779418	88.70	ng	-0.04
78) Terphenyl-d14	16.99	244	684105	85.58	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.28	70	46688	15.31	ng	# 75
50) 2,6-Dinitrotoluene	12.22	165	15107	7.46	ng	# 31

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

Data File : BF095826.D

Acq On : 9 Jun 2017 17:44

Operator : SJ/MA

Sample : PB99623BL

Misc :

ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB99623BL

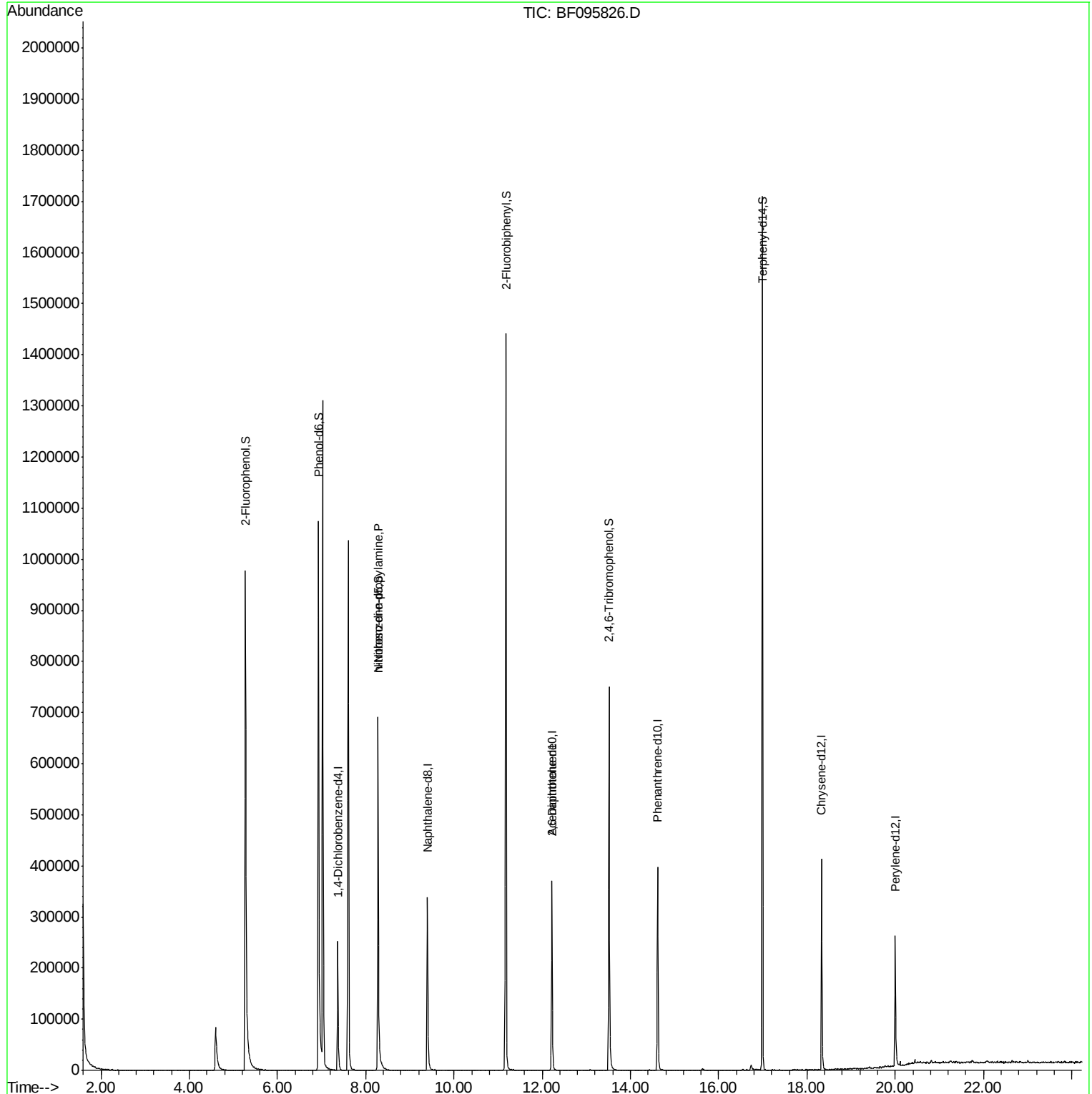
Quant Time: Jun 10 01:24:18 2017

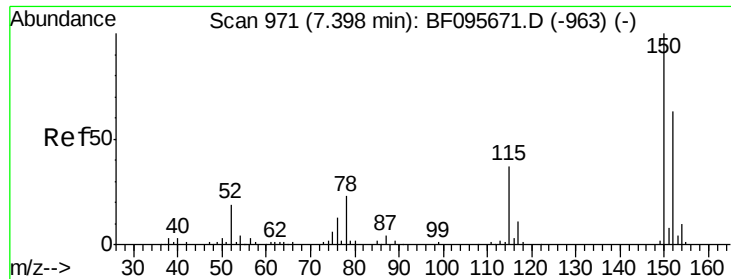
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 05 16:15:31 2017

Response via : Initial Calibration

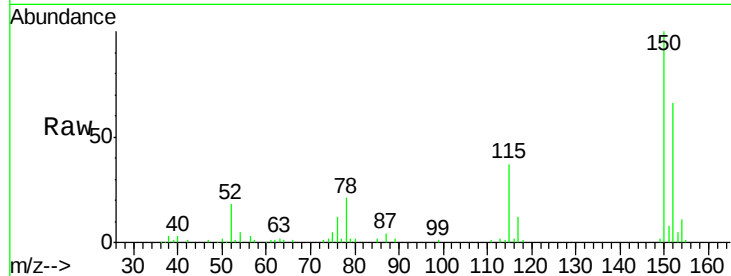




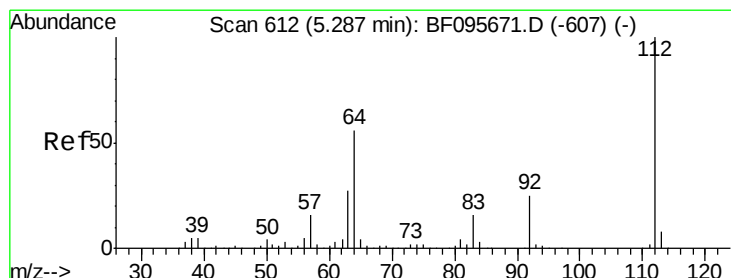
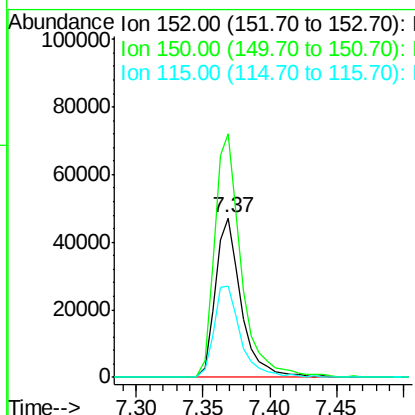
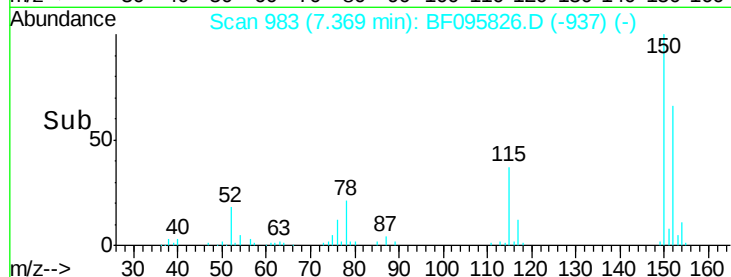
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.37 min Scan# 983
 Delta R.T. -0.03 min
 Lab File: BF095826.D
 Acq: 9 Jun 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :
 PB99623BL

Tgt Ion:152 Resp: 64048
 Ion Ratio Lower Upper
 152 100
 150 152.4 126.2 189.2
 115 56.8 52.2 78.2

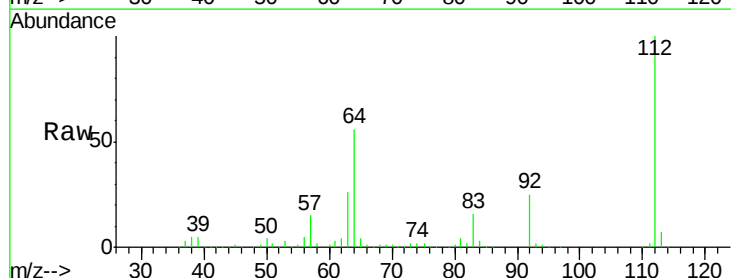


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

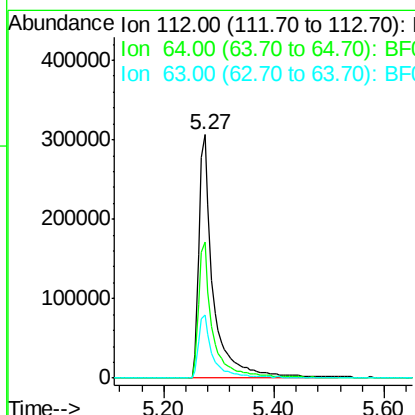
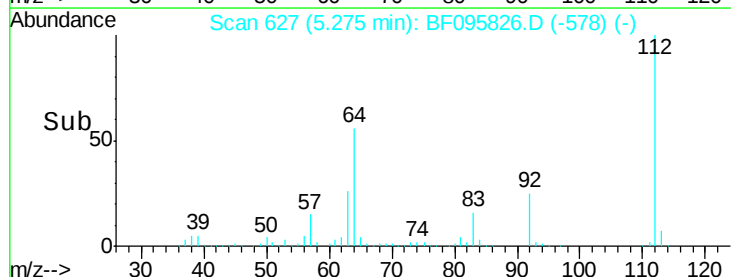


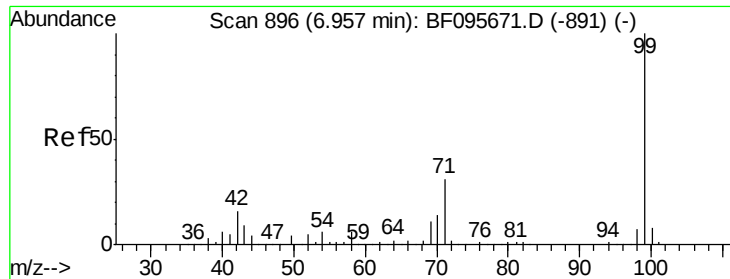
#5
 2-Fluorophenol
 Concen: 139.15 ng
 RT: 5.27 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF095826.D
 Acq: 9 Jun 2017 17:44

Tgt Ion:112 Resp: 559296
 Ion Ratio Lower Upper
 112 100
 64 56.0 46.0 69.0
 63 25.9 23.4 35.0



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: 138.76 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF095826.D

Acq: 9 Jun 2017 17:44

Instrument :

BNA_F

ClientSampled :

PB99623BL

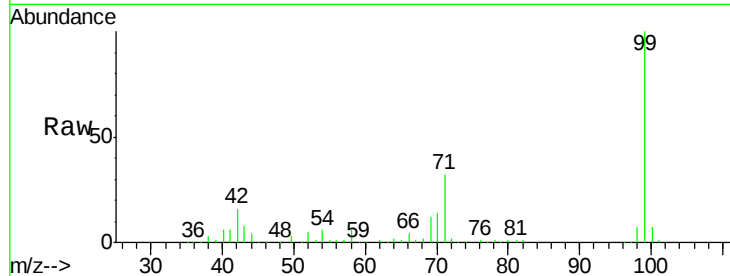
Tgt Ion: 99 Resp: 667714

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

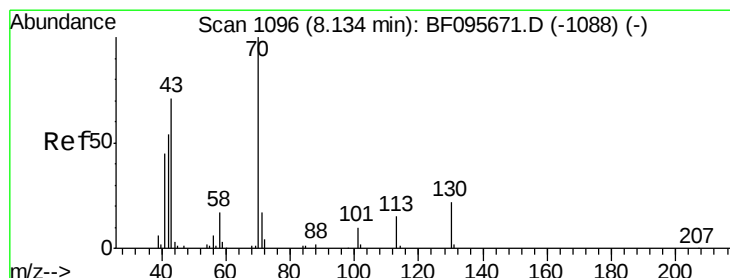
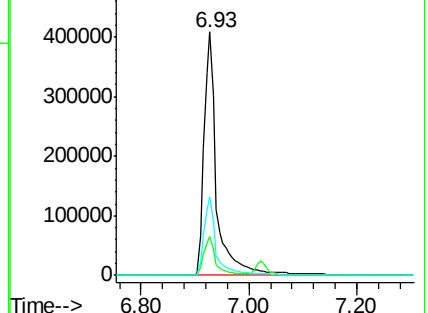
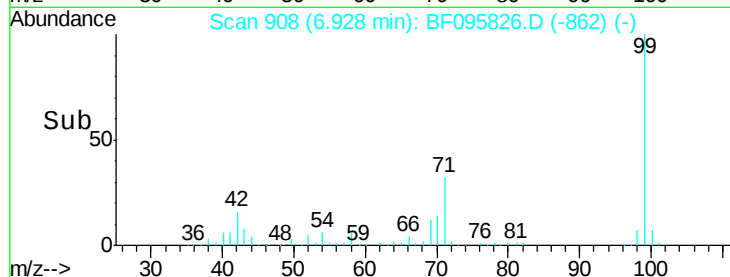
71 32.4 24.5 36.7



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: 15.31 ng

RT: 8.28 min Scan# 1138

Delta R.T. 0.15 min

Lab File: BF095826.D

Acq: 9 Jun 2017 17:44

Tgt Ion: 70 Resp: 46688

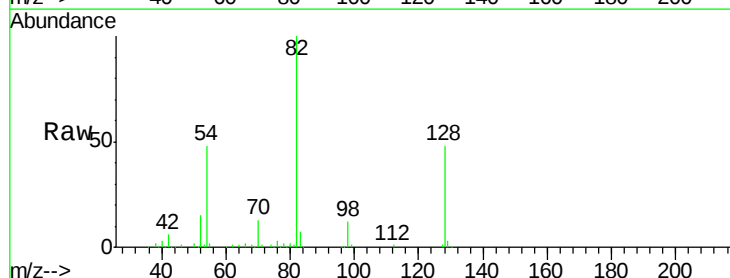
Ion Ratio Lower Upper

70 100

42 43.1 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

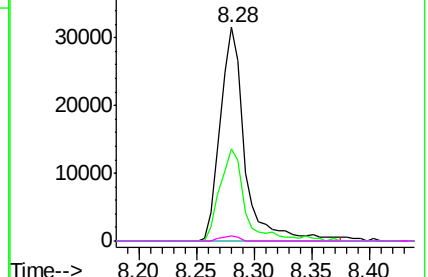
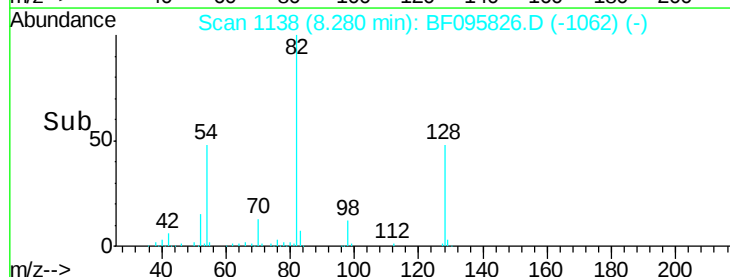


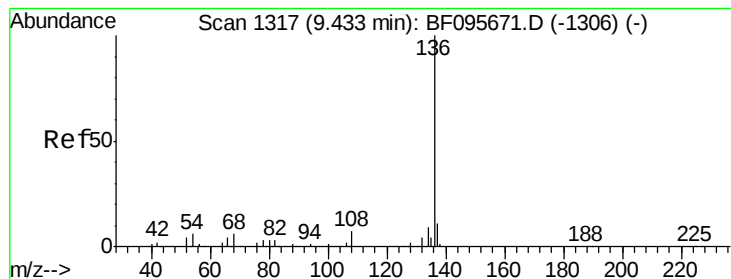
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.40 min Scan# 1328

Delta R.T. -0.04 min

Lab File: BF095826.D

Acq: 9 Jun 2017 17:44

Instrument :

BNA_F

ClientSampleId :

PB99623BL

Tgt Ion:136 Resp: 264862

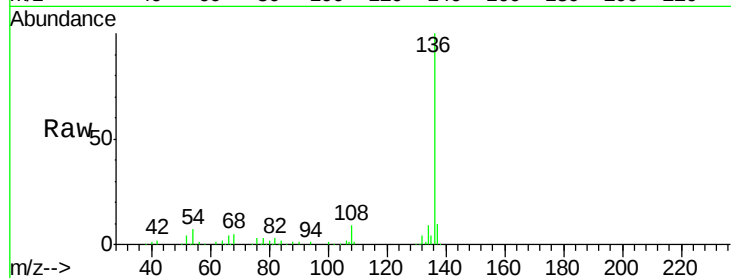
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 6.7 4.9 7.3

68 5.4 4.1 6.1

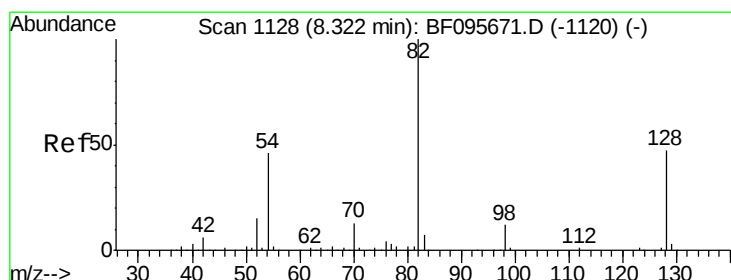
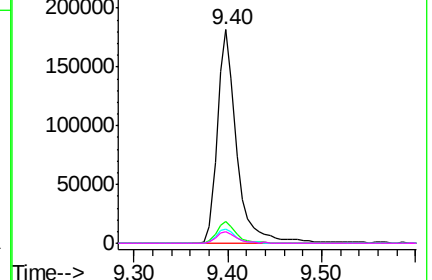
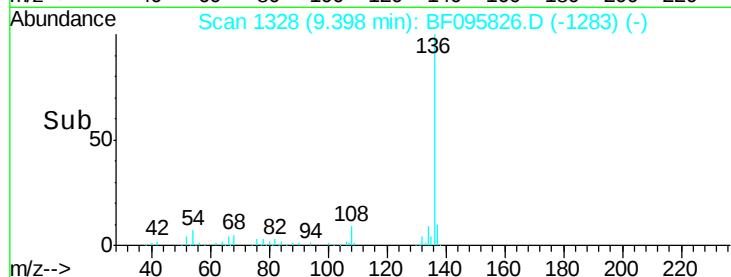


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.62 ng

RT: 8.28 min Scan# 1138

Delta R.T. -0.04 min

Lab File: BF095826.D

Acq: 9 Jun 2017 17:44

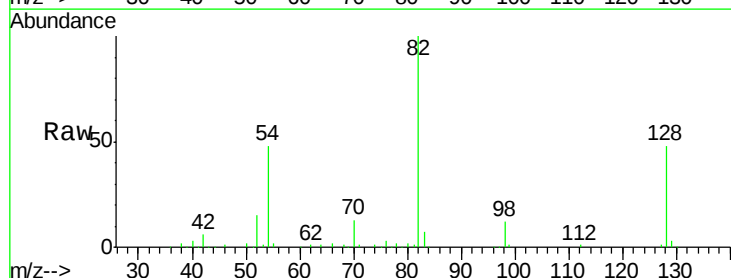
Tgt Ion: 82 Resp: 382221

Ion Ratio Lower Upper

82 100

128 47.8 34.0 51.0

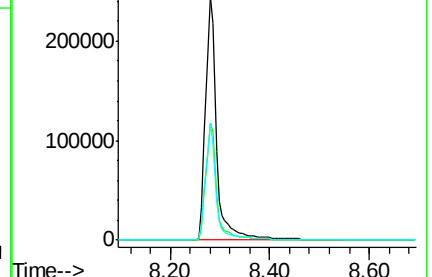
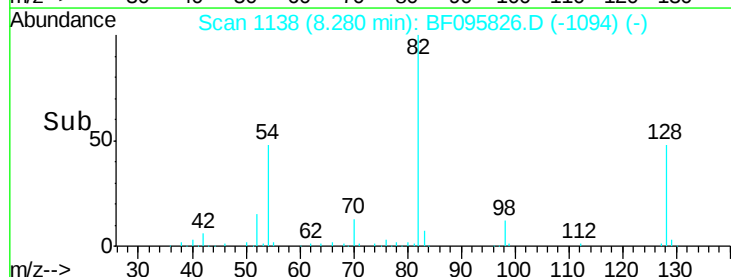
54 47.8 42.2 63.2

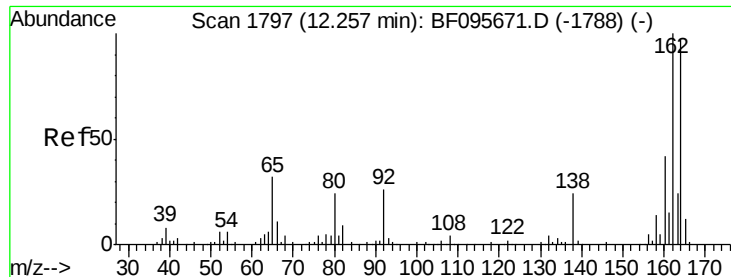


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.22 min Scan# 1808

Delta R.T. -0.04 min

Lab File: BF095826.D

Acq: 9 Jun 2017 17:44

Instrument :

BNA_F

ClientSampleId :

PB99623BL

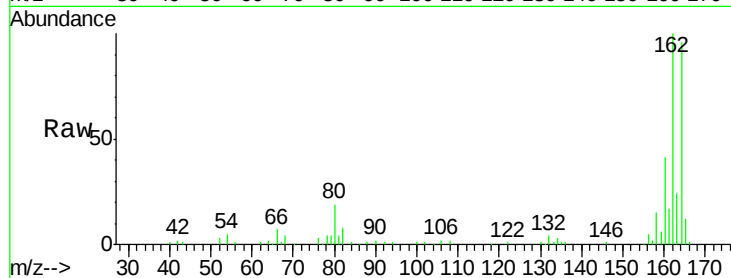
Tgt Ion:164 Resp: 122278

Ion Ratio Lower Upper

164 100

162 103.8 82.6 123.8

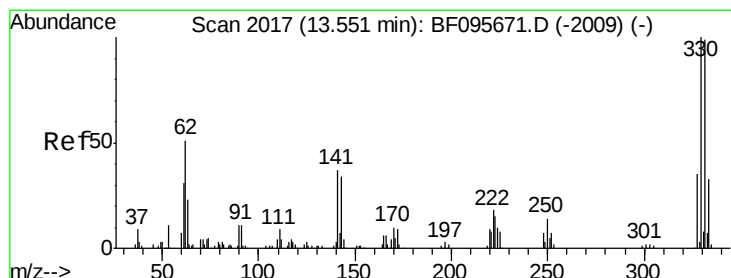
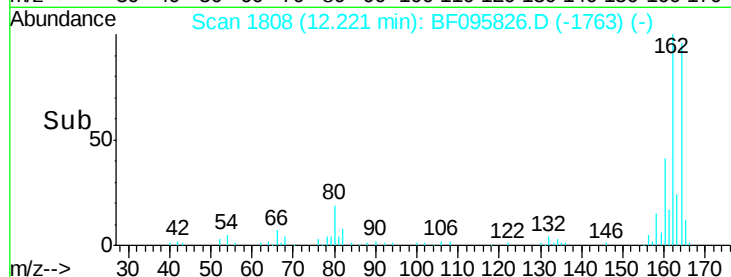
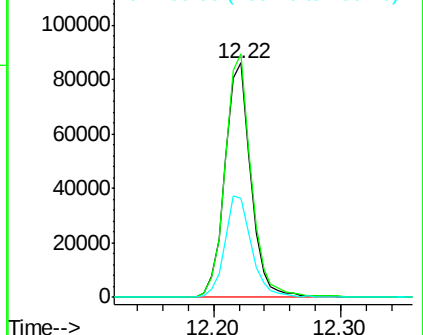
160 42.4 36.2 54.2



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: 126.09 ng

RT: 13.52 min Scan# 2028

Delta R.T. -0.04 min

Lab File: BF095826.D

Acq: 9 Jun 2017 17:44

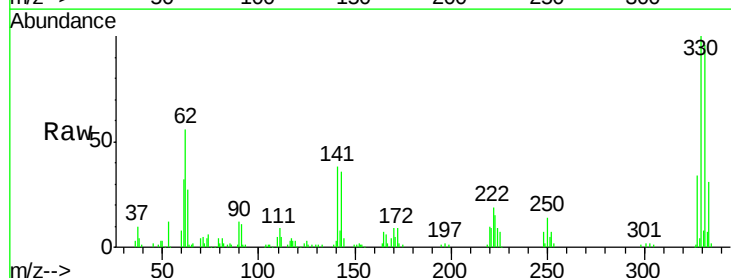
Tgt Ion:330 Resp: 136415

Ion Ratio Lower Upper

330 100

332 95.6 76.6 115.0

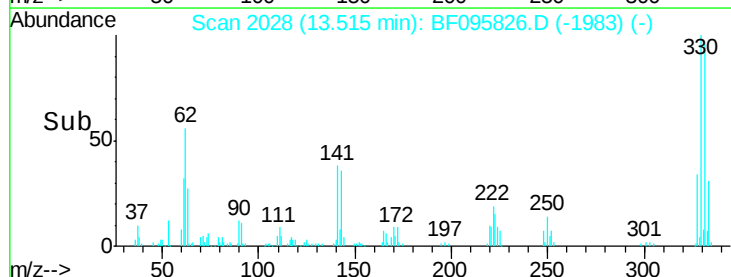
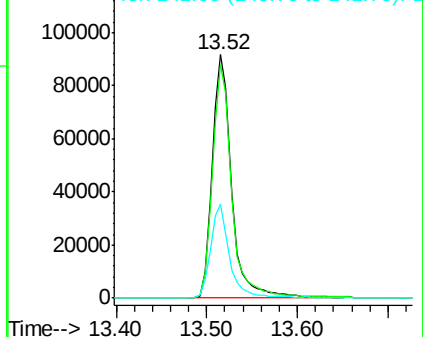
141 37.8 31.4 47.2

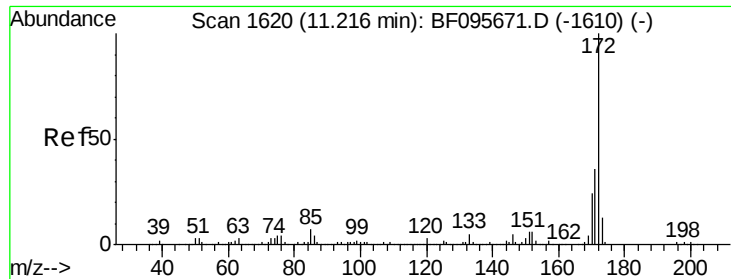


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

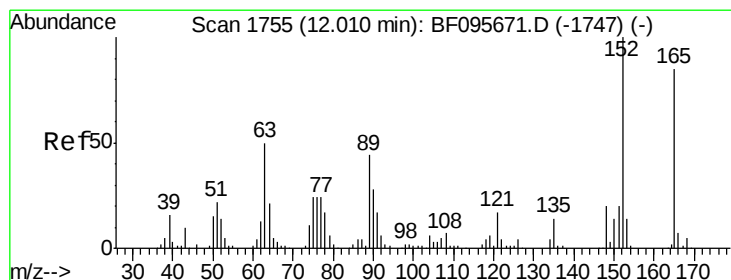
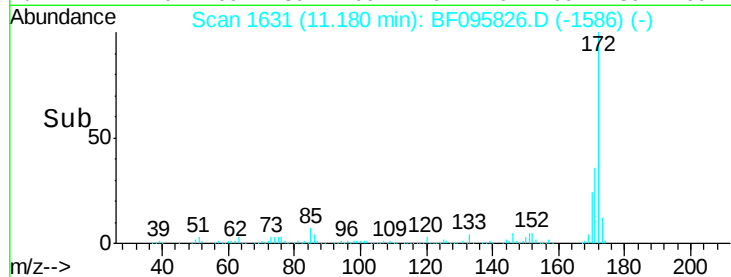
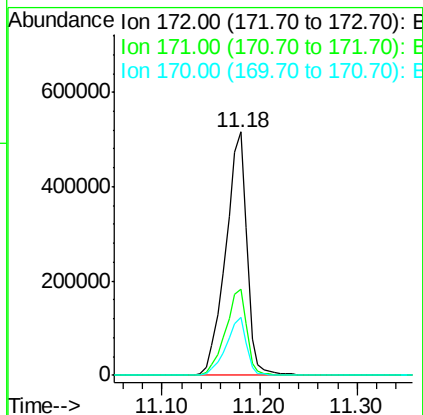
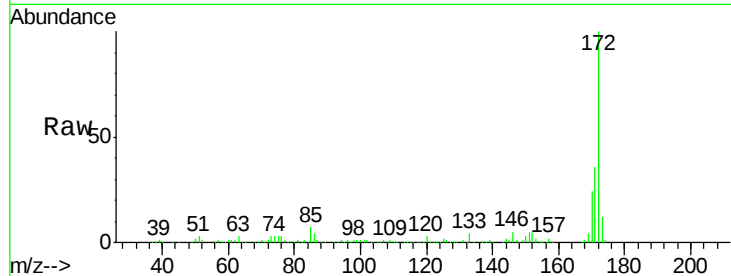




#44
 2-Fluorobiphenyl
 Concen: 88.70 ng
 RT: 11.18 min Scan# 1631
 Delta R.T. -0.04 min
 Lab File: BF095826.D
 Acq: 9 Jun 2017 17:44

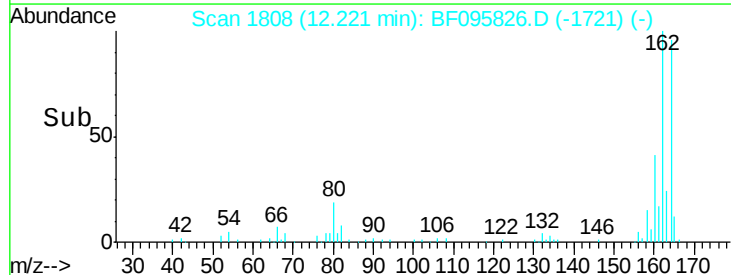
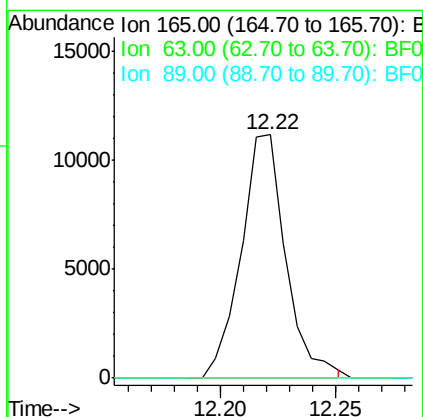
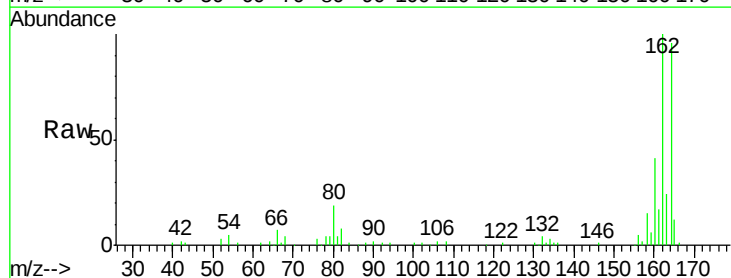
Instrument :
 BNA_F
 ClientSampleId :
 PB99623BL

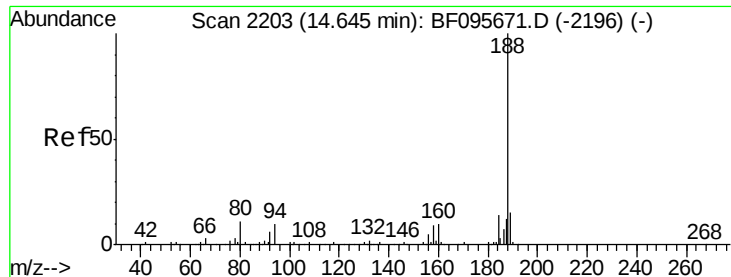
Tgt Ion:172 Resp: 779418
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 24.0 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 7.46 ng
 RT: 12.22 min Scan# 1808
 Delta R.T. 0.21 min
 Lab File: BF095826.D
 Acq: 9 Jun 2017 17:44

Tgt Ion:165 Resp: 15107
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

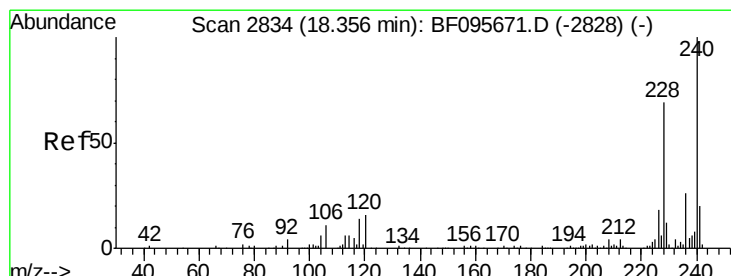
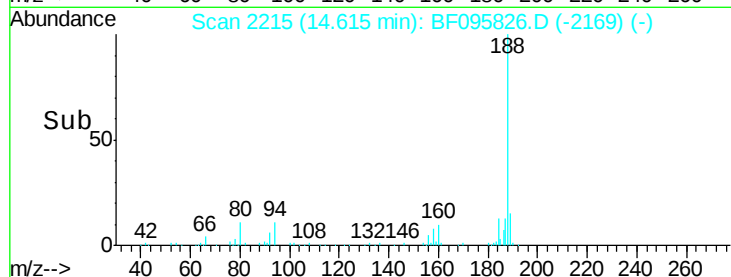
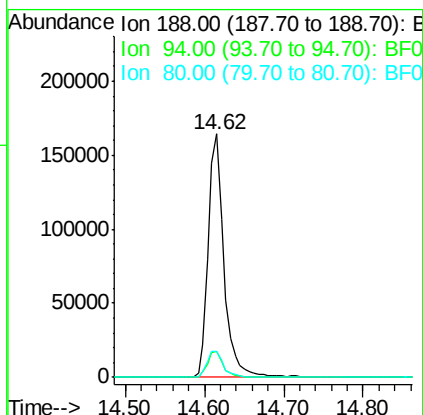
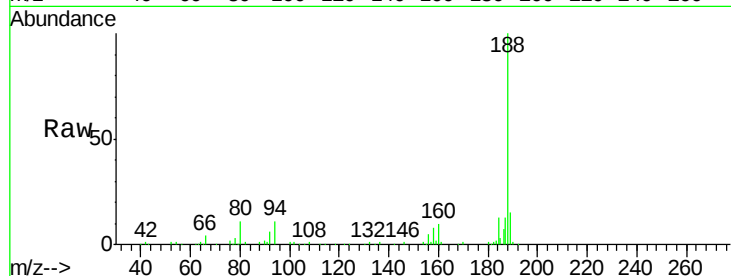




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095826.D
Acq: 9 Jun 2017 17:44

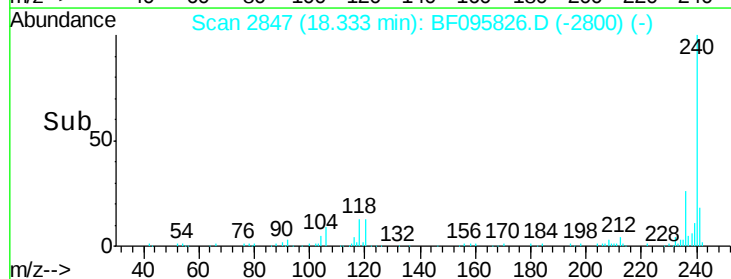
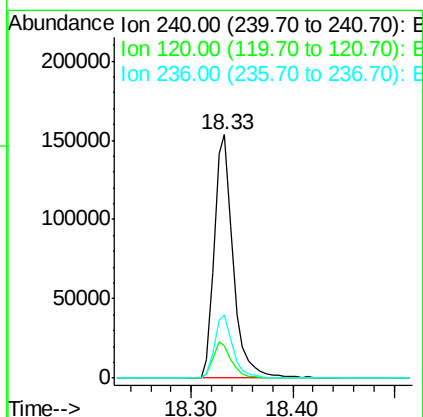
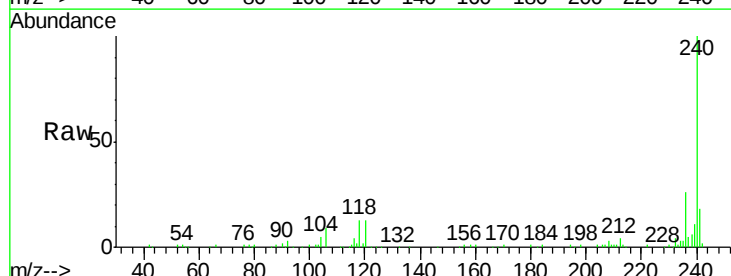
Instrument :
BNA_F
ClientSampleId :
PB99623BL

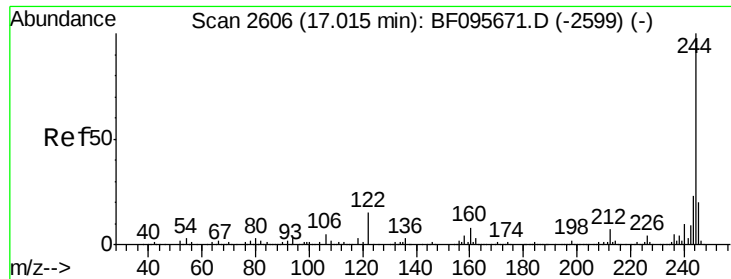
Tgt Ion:188 Resp: 228804
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 10.5 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.02 min
Lab File: BF095826.D
Acq: 9 Jun 2017 17:44

Tgt Ion:240 Resp: 198392
Ion Ratio Lower Upper
240 100
120 13.2 5.8 8.8#
236 25.9 20.5 30.7

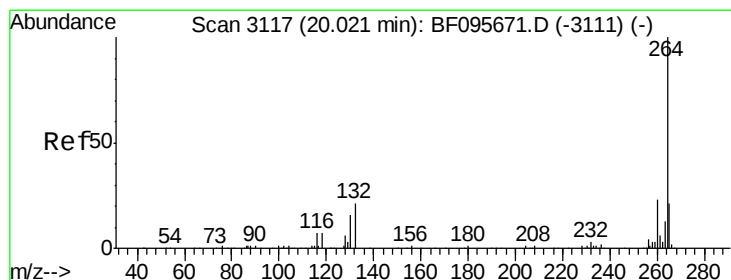
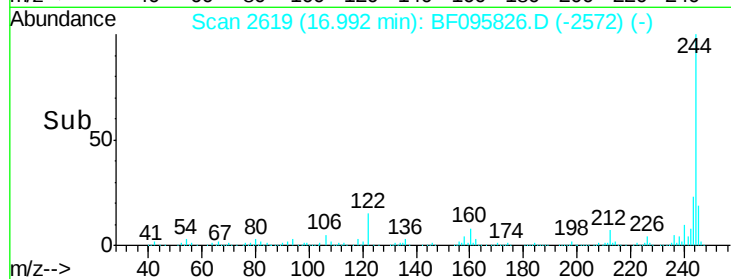
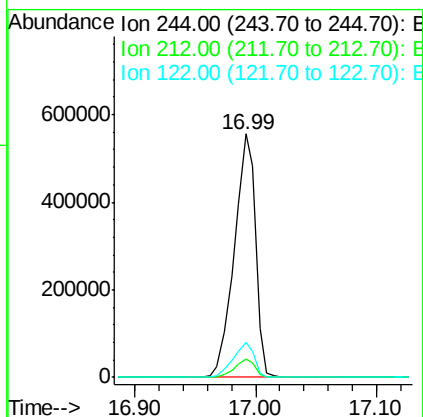
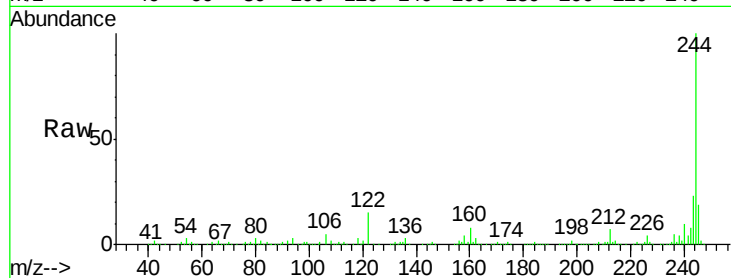




#78
 Terphenyl-d14
 Concen: 85.58 ng
 RT: 16.99 min Scan# 2619
 Delta R.T. -0.02 min
 Lab File: BF095826.D
 Acq: 9 Jun 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :
 PB99623BL

Tgt Ion:244 Resp: 684105
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 14.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.00 min Scan# 3130
 Delta R.T. -0.02 min
 Lab File: BF095826.D
 Acq: 9 Jun 2017 17:44

Tgt Ion:264 Resp: 136744
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 20.6 17.2 25.8

