

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092518\
 Data File : BE097656.D
 Acq On : 25 Sep 2018 14:12
 Operator : SJ/JU
 Sample : PB113162BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 25 14:54:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 18:40:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	791	0.40	ng	0.01
7) Naphthalene-d8	10.17	136	3178	0.40	ng	0.04
13) Acenaphthene-d10	14.03	164	1807	0.40	ng	0.02
19) Phenanthrene-d10	16.79	188	4973	0.40	ng	0.03
27) Chrysene-d12	20.98	240	6473	0.40	ng	0.01
34) Perylene-d12	23.22	264	6192	0.40	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.07	112	868	0.42	ng	0.01
5) Phenol-d6	6.68	99	325	0.11	ng	0.06
8) Nitrobenzene-d5	8.61	82	521	0.29	ng	0.07
11) 2-Methylnaphthalene-d10	11.79	152	1938	0.41	ng	0.07
14) 2,4,6-Tribromophenol	15.58	330	157	0.25	ng	0.05
15) 2-Fluorobiphenyl	12.68	172	2685	0.46	ng	0.05
25) Fluoranthene-d10	18.82	212	26997	0.50	ng	0.02
29) Terphenyl-d14	19.42	244	4918	0.39	ng	0.00

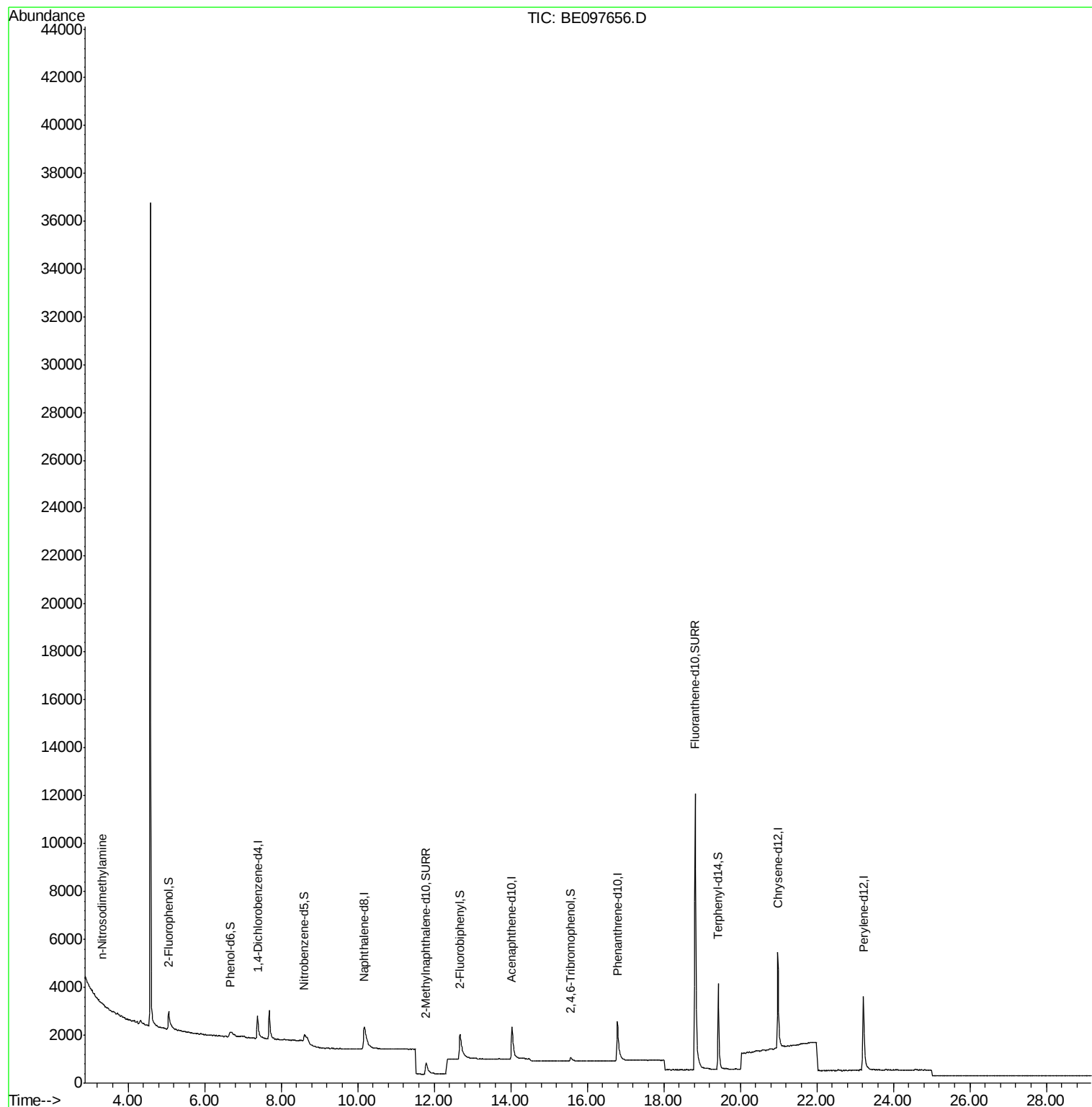
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.33	42	96	0.162	ng	# 4

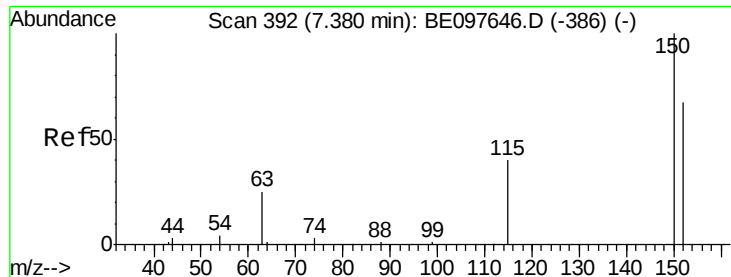
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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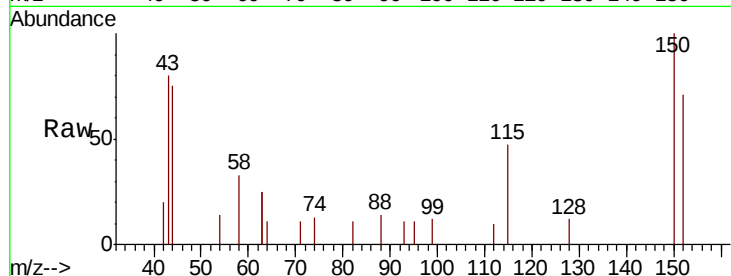


#1

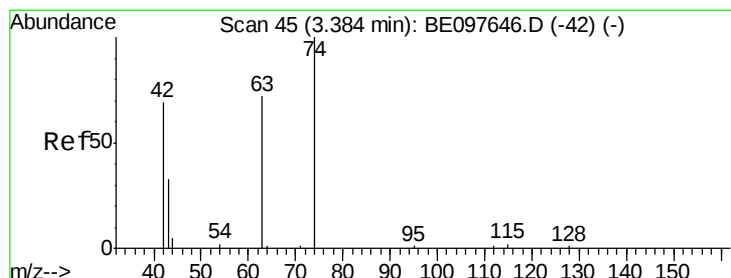
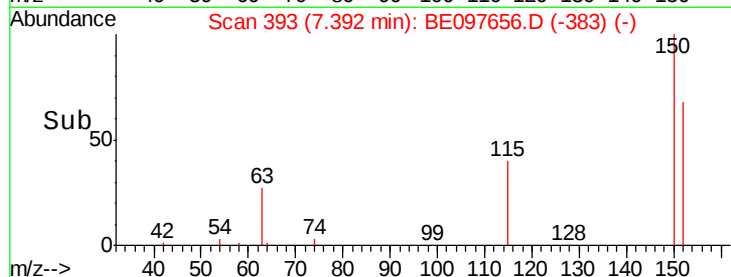
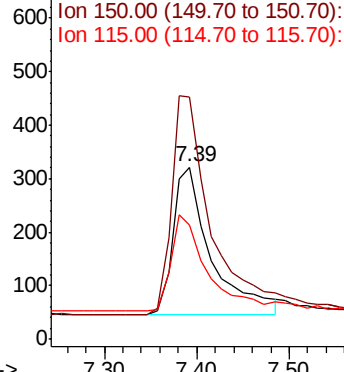
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.39 min Scan# 393
 Delta R.T. 0.01 min
 Lab File: BE097656.D
 Acq: 25 Sep 2018 14:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 791
 Ion Ratio Lower Upper
 152 100
 150 140.4 117.2 175.8
 115 66.5 57.0 85.6



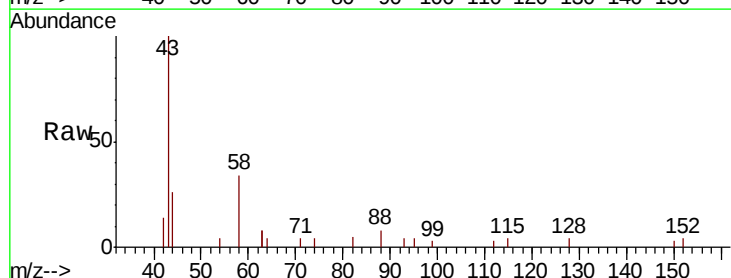
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



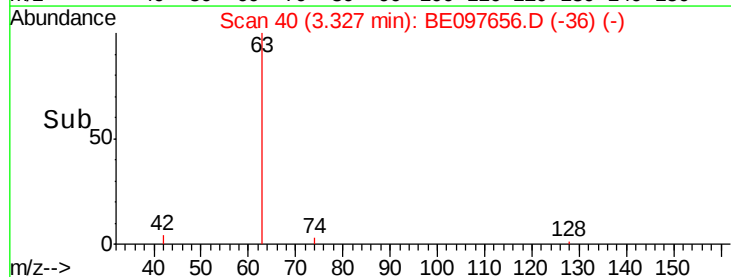
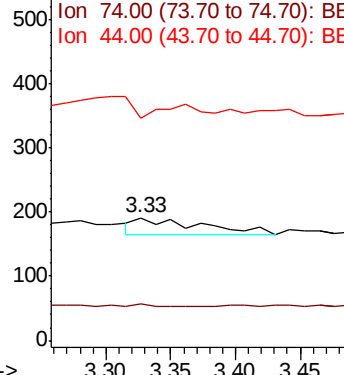
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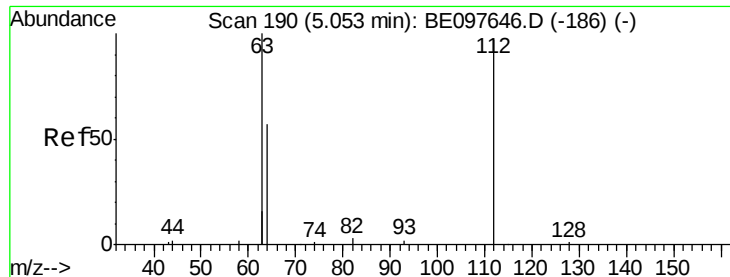
n-Nitrosodimethylamine
 Concen: 0.162 ng
 RT: 3.33 min Scan# 40
 Delta R.T. -0.06 min
 Lab File: BE097656.D
 Acq: 25 Sep 2018 14:12

Tgt Ion: 42 Resp: 96
 Ion Ratio Lower Upper
 42 100
 74 5.2 96.0 144.0#
 44 0.0 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.417 ng

RT: 5.07 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097656.D

Acq: 25 Sep 2018 14:12

Instrument :

BNA_G

ClientSampleId :

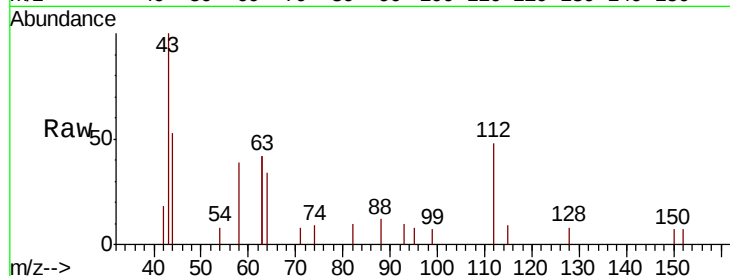
Tot Ion: 112 Resp: 868

Ion Ratio Lower Upper

112 100

64 69.7 60.1 90.1

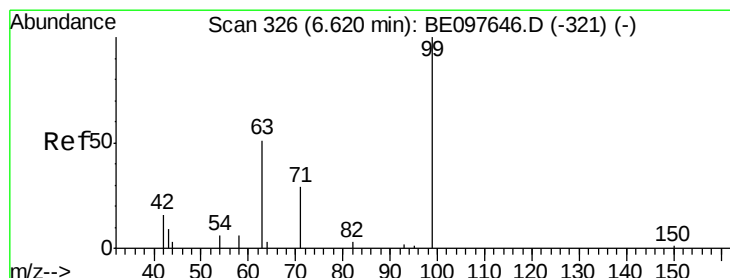
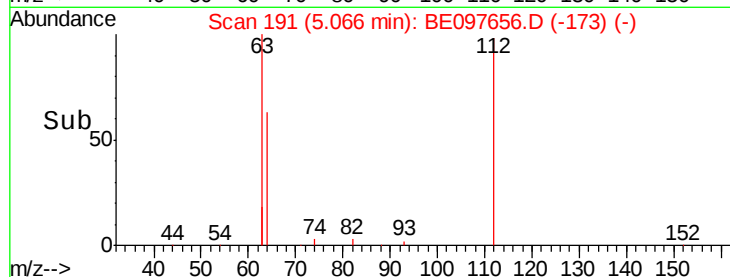
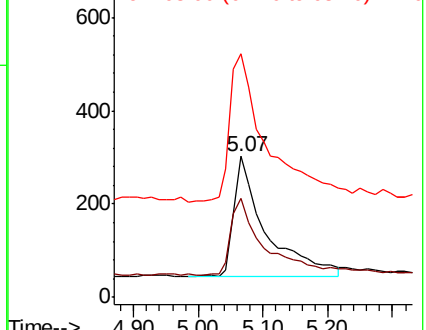
63 144.4 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.111 ng

RT: 6.68 min Scan# 331

Delta R.T. 0.06 min

Lab File: BE097656.D

Acq: 25 Sep 2018 14:12

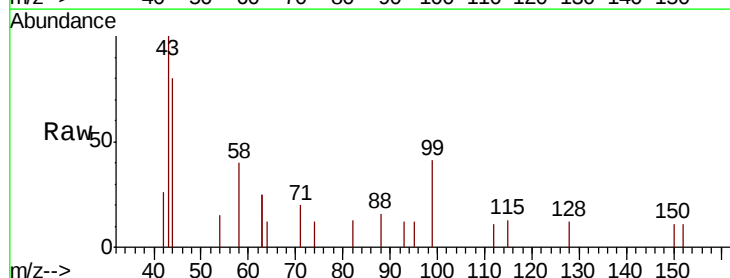
Tgt Ion: 99 Resp: 325

Ion Ratio Lower Upper

99 100

42 24.6 20.2 30.2

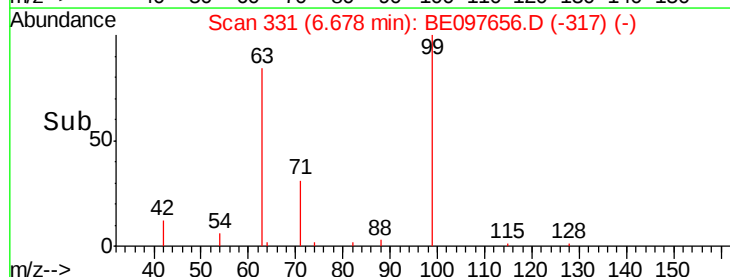
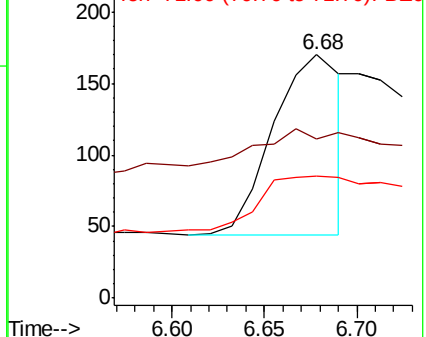
71 37.8 28.4 42.6

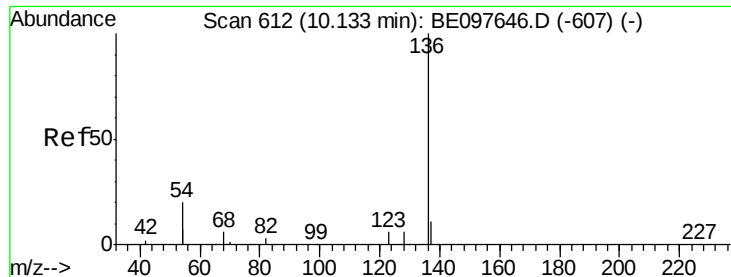


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.17 min Scan# 615

Delta R.T. 0.04 min

Lab File: BE097656.D

Acq: 25 Sep 2018 14:12

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 3178

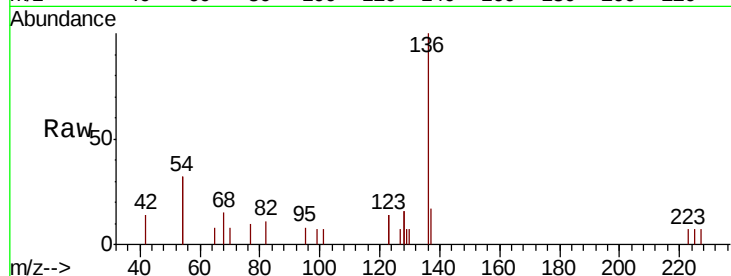
Ion Ratio Lower Upper

136 100

137 17.1 9.5 14.3#

54 64.3 29.1 43.7#

68 14.7 6.2 9.2#

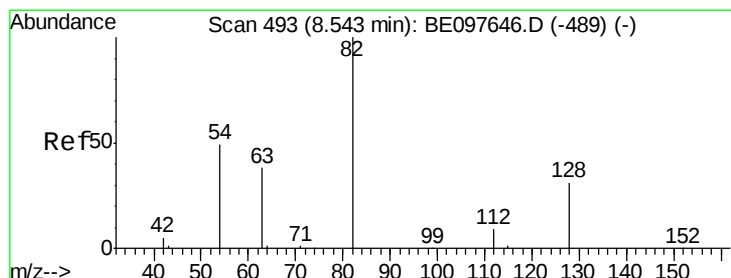
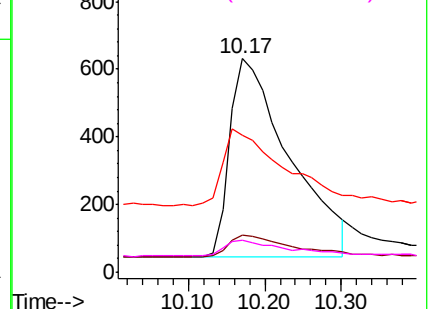
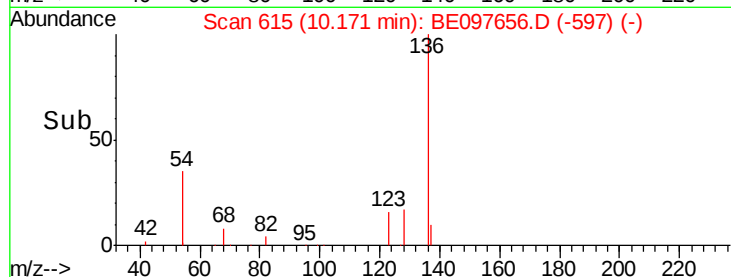


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.290 ng

RT: 8.61 min Scan# 499

Delta R.T. 0.07 min

Lab File: BE097656.D

Acq: 25 Sep 2018 14:12

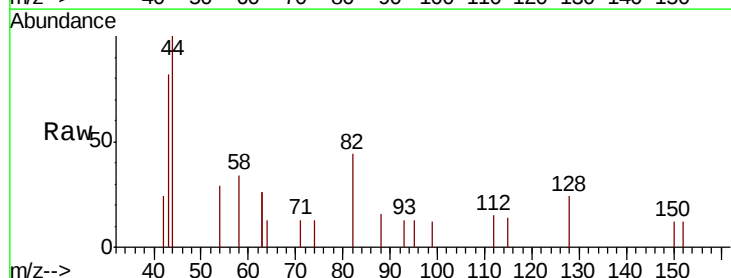
Tgt Ion: 82 Resp: 521

Ion Ratio Lower Upper

82 100

128 54.2 24.0 36.0#

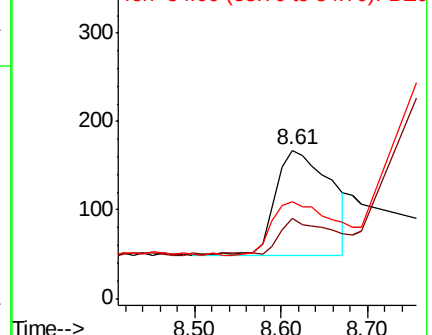
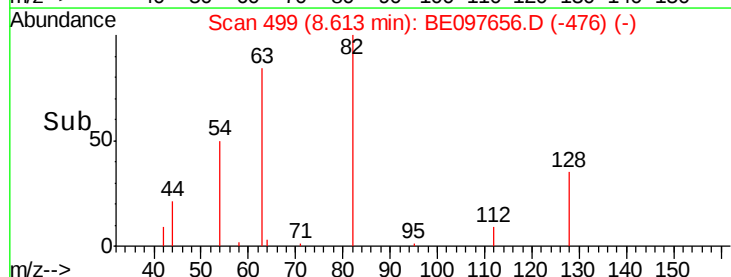
54 64.9 40.0 60.0#

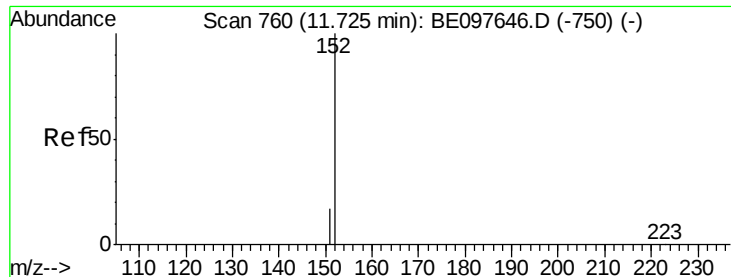


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

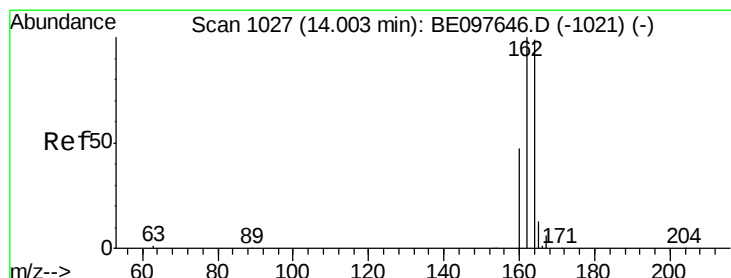
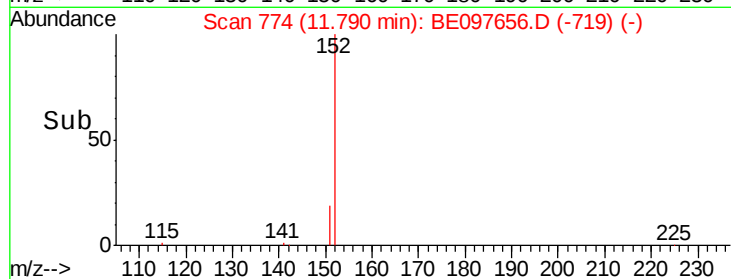
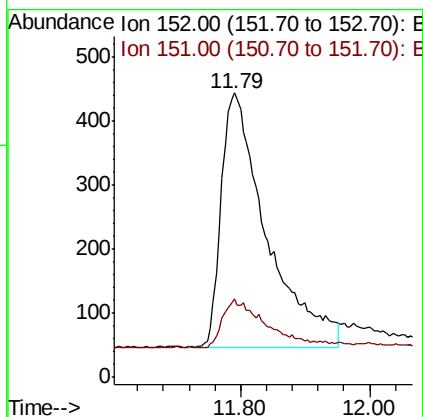
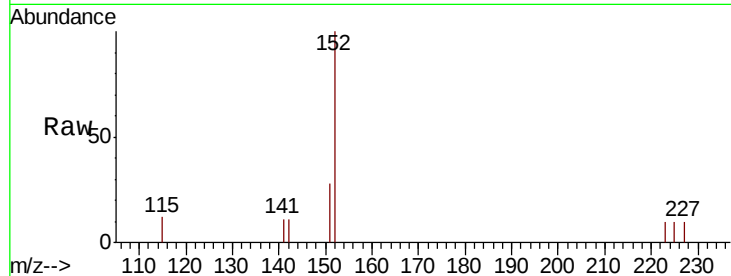




#11
2-Methylnaphthalene-d10
Concen: 0.412 ng
RT: 11.79 min Scan# 774
Delta R.T. 0.07 min
Lab File: BE097656.D
Acq: 25 Sep 2018 14:12

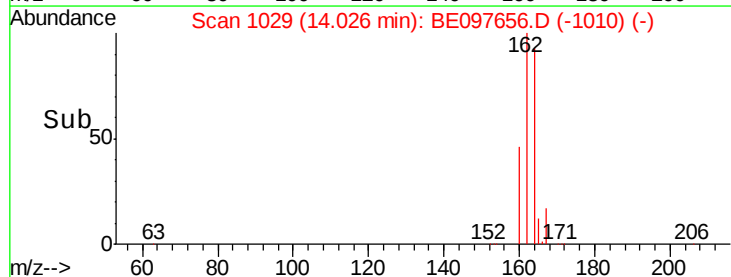
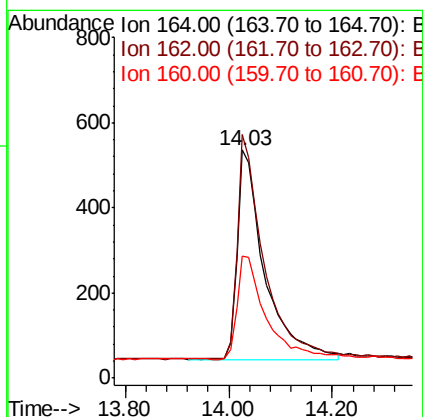
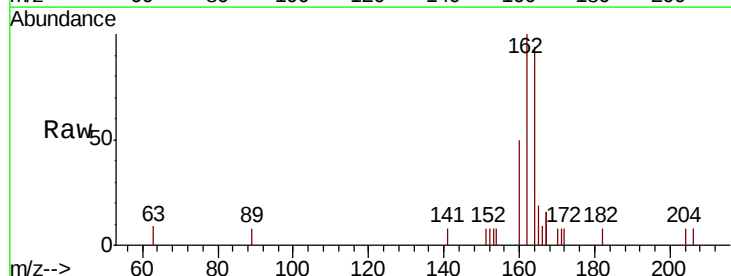
Instrument :
BNA_G
ClientSampleId :

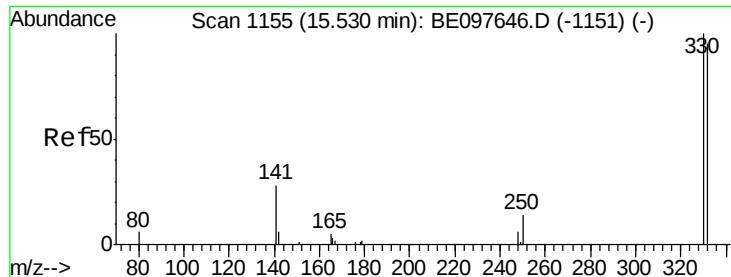
Tot Ion:152 Resp: 1938
Ion Ratio Lower Upper
152 100
151 17.6 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1029
Delta R.T. 0.02 min
Lab File: BE097656.D
Acq: 25 Sep 2018 14:12

Tgt Ion:164 Resp: 1807
Ion Ratio Lower Upper
164 100
162 106.7 83.1 124.7
160 53.5 37.1 55.7

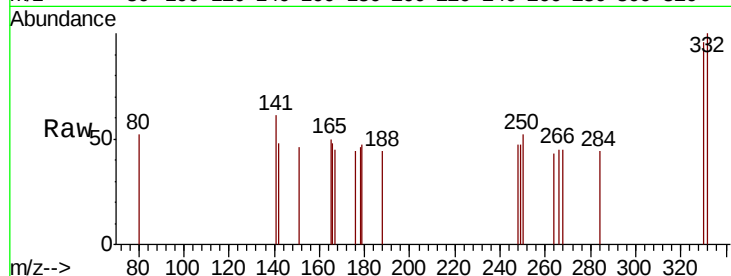




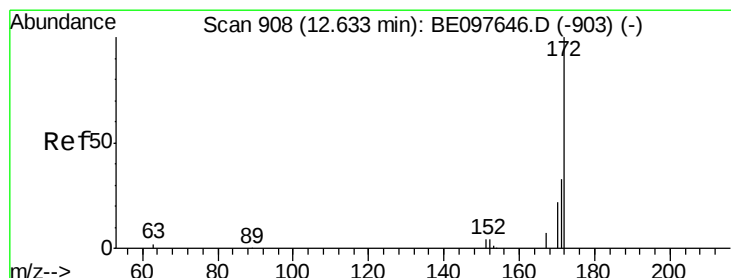
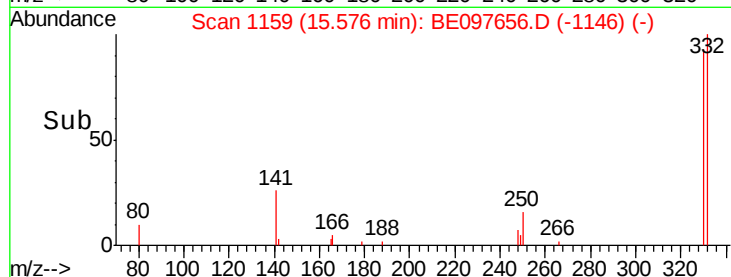
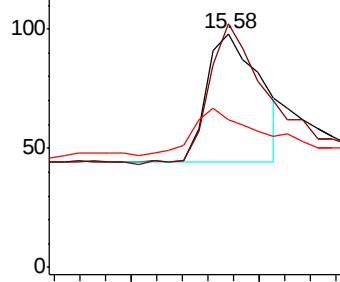
#14
 2,4,6-Tribromophenol
 Concen: 0.252 ng
 RT: 15.58 min Scan# 1159
 Delta R.T. 0.05 min
 Lab File: BE097656.D
 Acq: 25 Sep 2018 14:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 157
 Ion Ratio Lower Upper
 330 100
 332 103.2 152.7 229.1#
 141 39.5 33.7 50.5

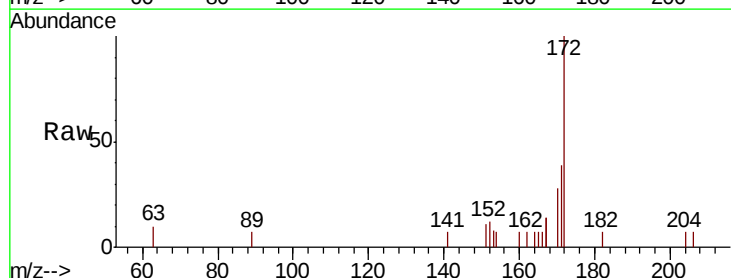


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

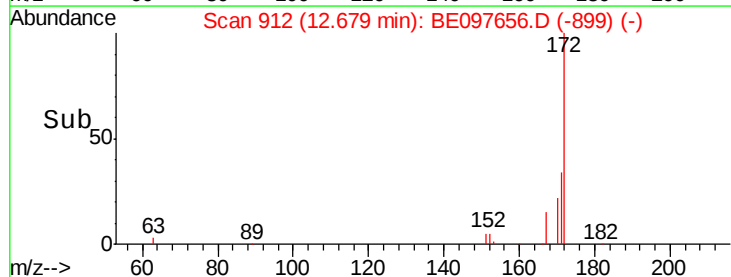
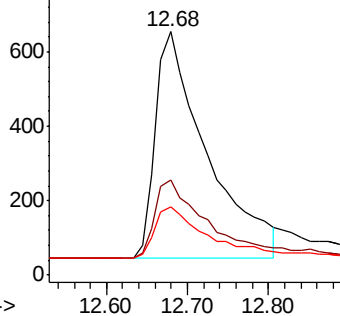


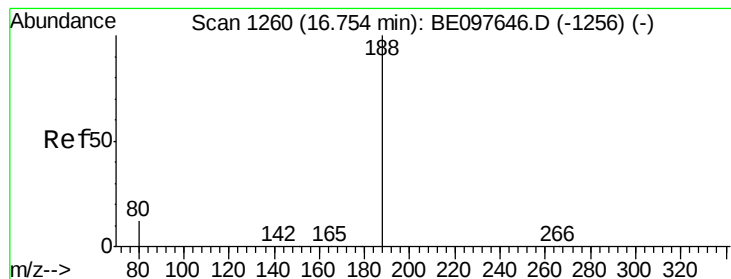
#15
 2-Fluorobiphenyl
 Concen: 0.455 ng
 RT: 12.68 min Scan# 912
 Delta R.T. 0.05 min
 Lab File: BE097656.D
 Acq: 25 Sep 2018 14:12

Tgt Ion:172 Resp: 2685
 Ion Ratio Lower Upper
 172 100
 171 38.8 29.9 44.9
 170 27.8 21.8 32.8



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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1263

Delta R.T. 0.03 min

Lab File: BE097656.D

Acq: 25 Sep 2018 14:12

Instrument :

BNA_G

ClientSampleId :

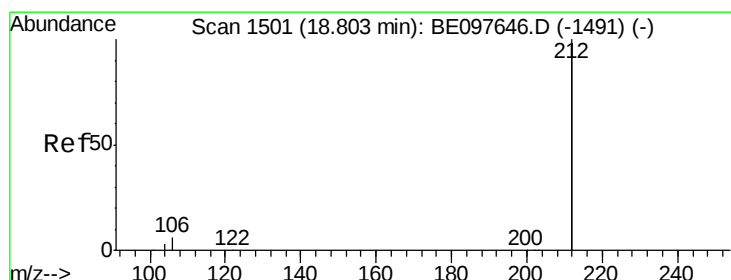
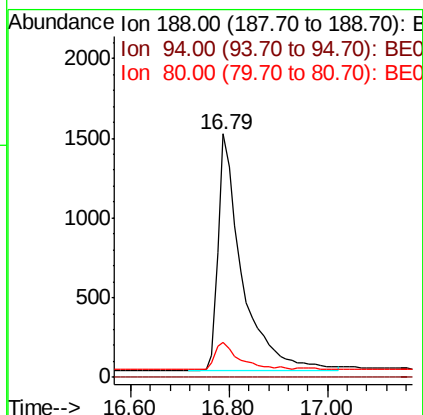
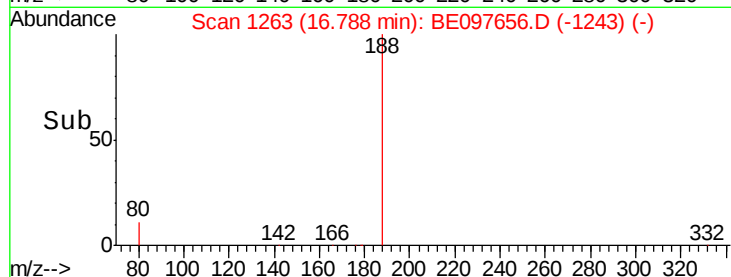
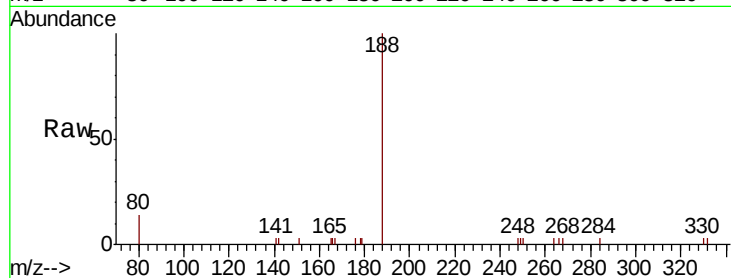
Tot Ion:188 Resp: 4973

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 14.3 3.6 5.4#



#25

Fluoranthene-d10

Concen: 0.498 ng

RT: 18.82 min Scan# 1505

Delta R.T. 0.02 min

Lab File: BE097656.D

Acq: 25 Sep 2018 14:12

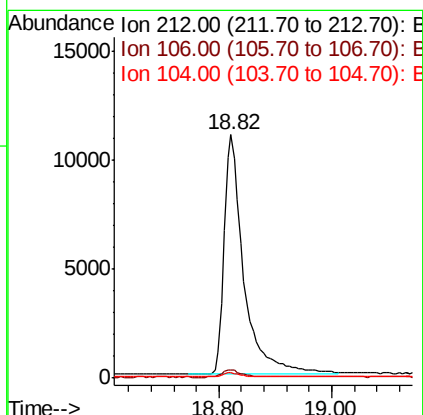
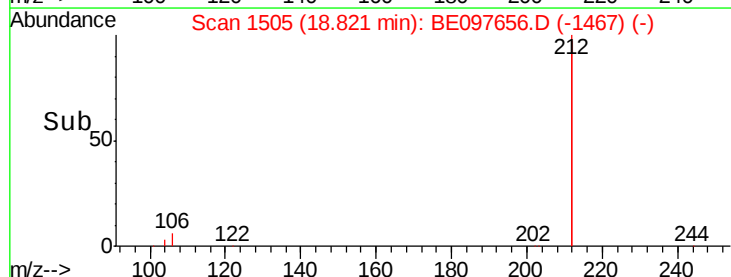
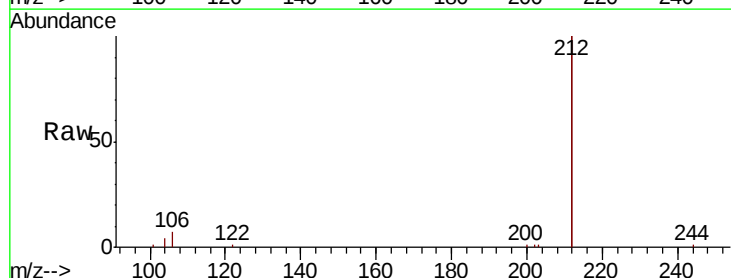
Tgt Ion:212 Resp: 26997

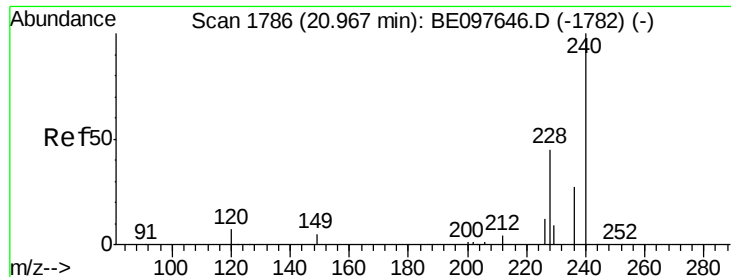
Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

104 1.8 1.6 2.4

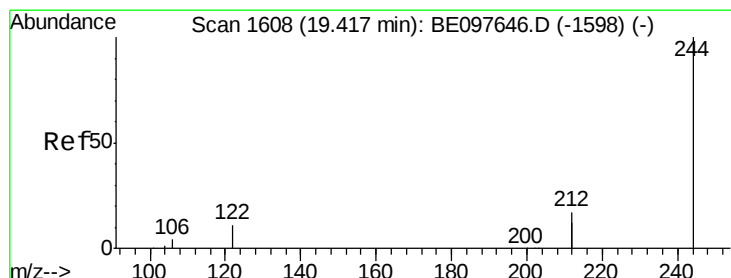
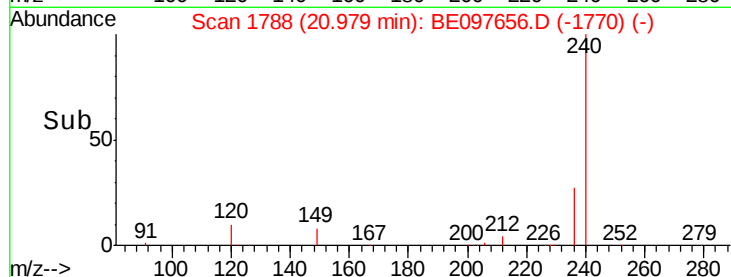
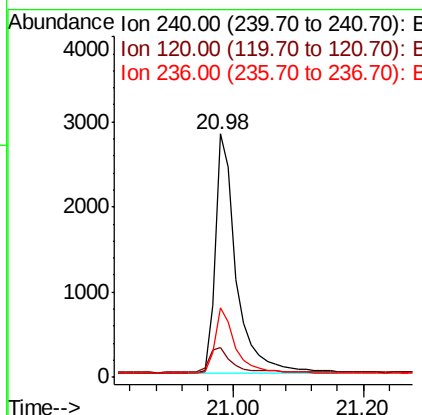
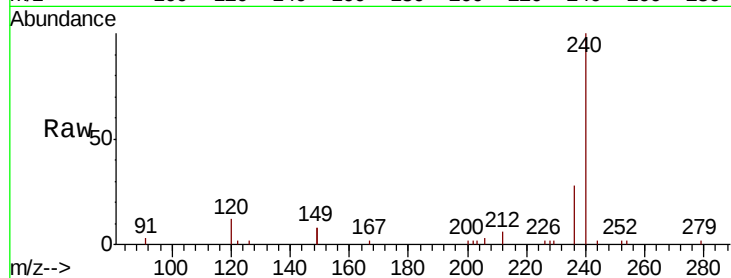




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.98 min Scan# 1788
 Delta R.T. 0.01 min
 Lab File: BE097656.D
 Acq: 25 Sep 2018 14:12

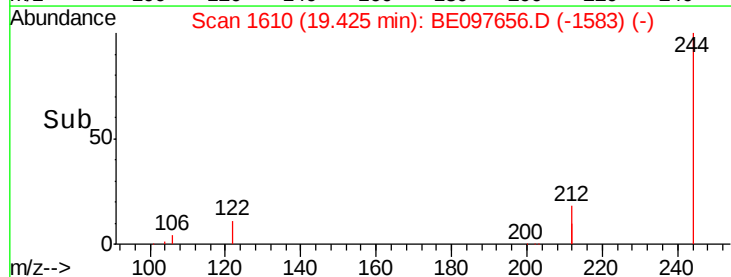
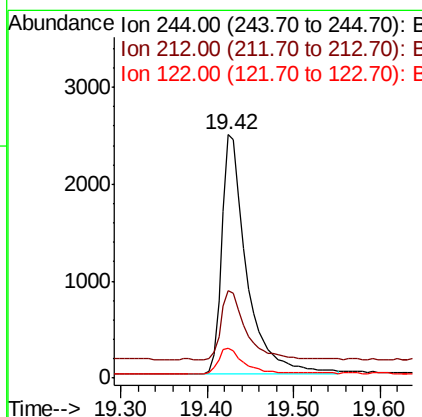
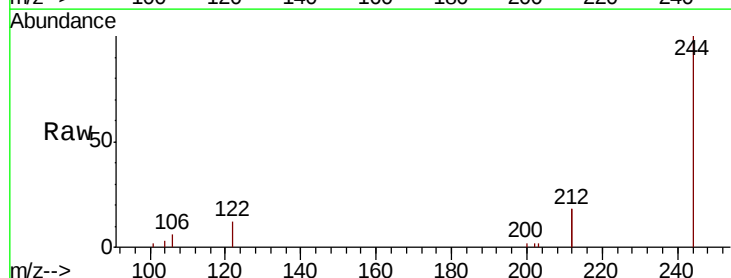
Instrument :
 BNA_G
 ClientSampleId :

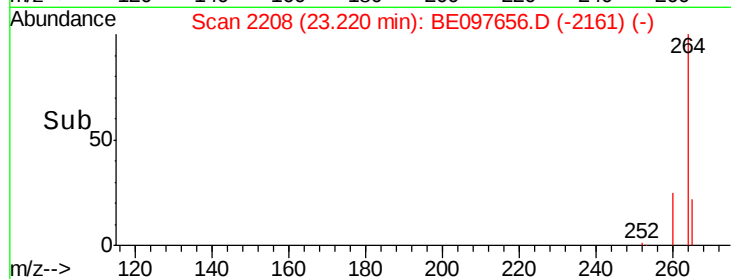
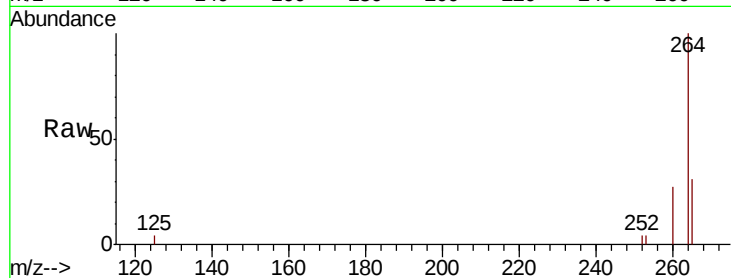
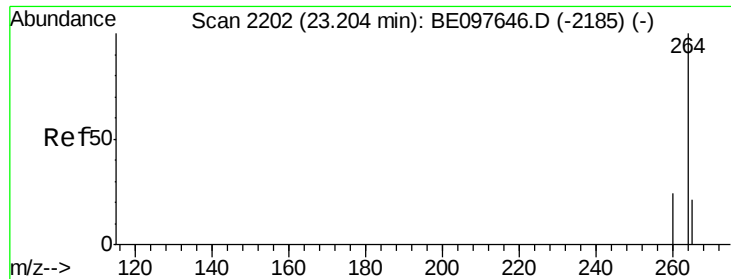
Tot Ion:240 Resp: 6473
 Ion Ratio Lower Upper
 240 100
 120 12.1 5.5 8.3#
 236 28.4 20.7 31.1



#29
 Terphenyl-d14
 Concen: 0.386 ng
 RT: 19.42 min Scan# 1610
 Delta R.T. 0.01 min
 Lab File: BE097656.D
 Acq: 25 Sep 2018 14:12

Tgt Ion:244 Resp: 4918
 Ion Ratio Lower Upper
 244 100
 212 35.7 25.4 38.0
 122 12.3 8.1 12.1#





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.22 min Scan# 2208
 Delta R.T. 0.02 min
 Lab File: BE097656.D
 Acq: 25 Sep 2018 14:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 264 Resp: 6192
 Ion Ratio Lower Upper
 264 100
 260 26.7 20.5 30.7
 265 30.6 22.8 34.2

