

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_E
ClientSampleId :
PB113162BL

Quant Time: Sep 26 07:34:51 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						
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

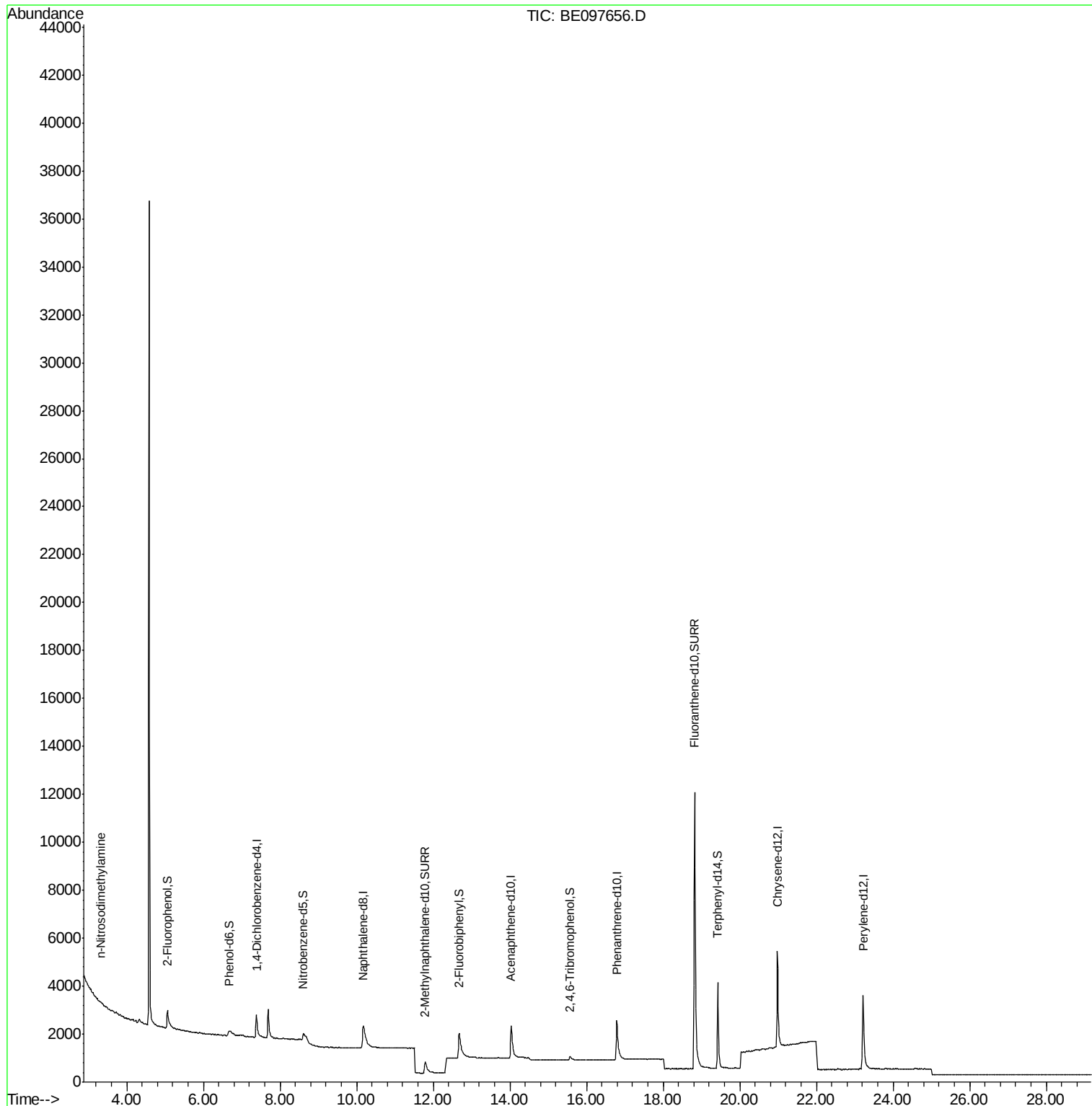
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.33	42	96	0.162	ng	# 4

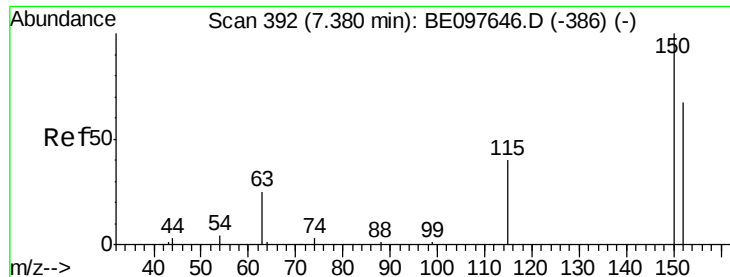
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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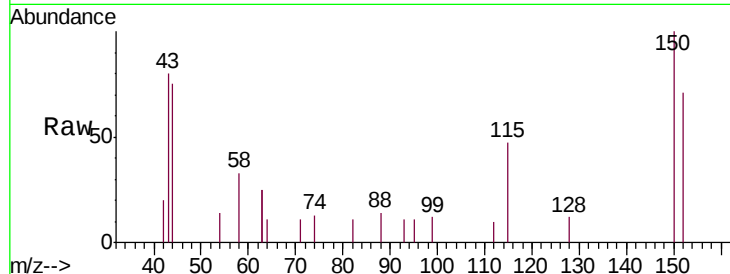


#1

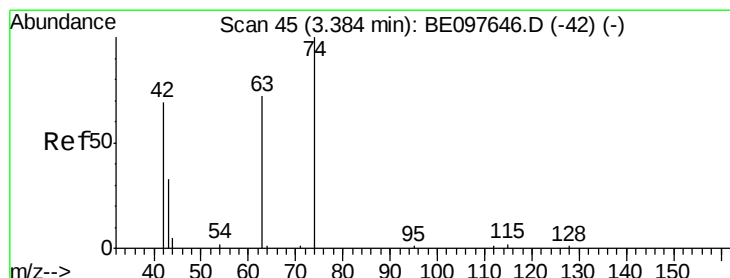
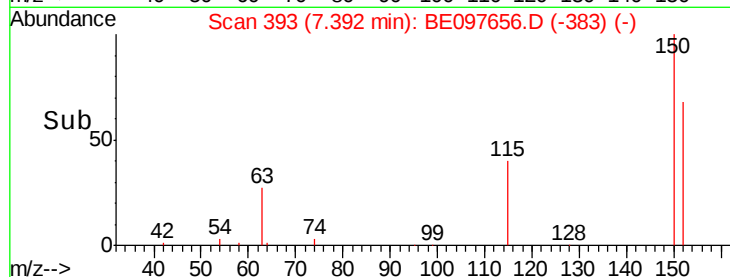
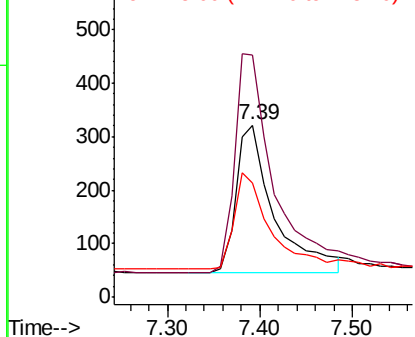
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. 0.01 min
Lab File: BE097656.D
Acq: 25 Sep 2018 14:12

Instrument :
BNA_E
ClientSampleId :
PB113162BL

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



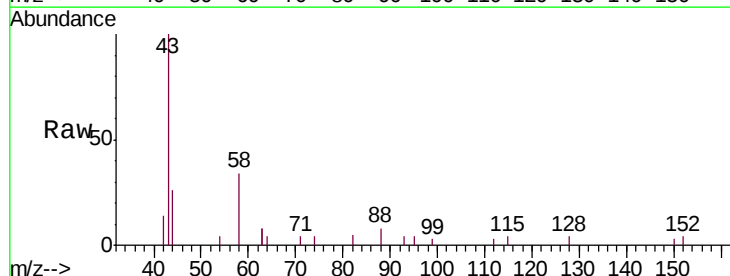
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



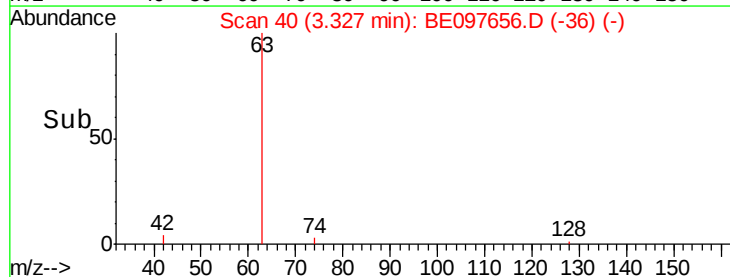
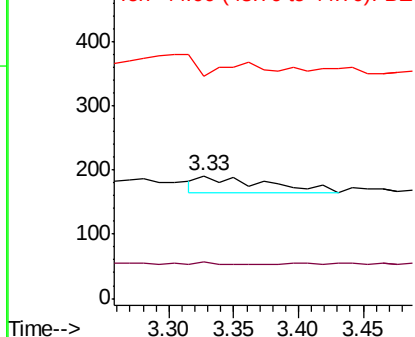
#3

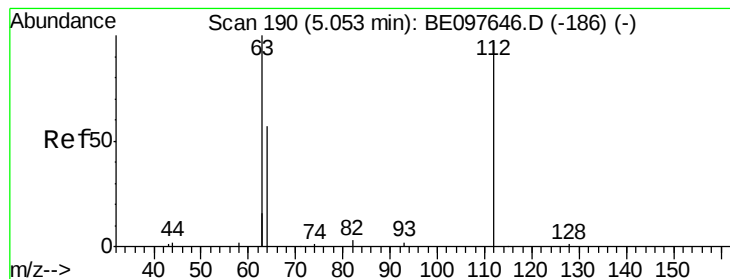
n-Nitrosodimethylamine
Concen: 0.162 ng
RT: 3.33 min Scan# 40
Delta R.T. -0.06 min
Lab File: BE097656.D
Acq: 25 Sep 2018 14:12

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_E

ClientSampleId :

PB113162BL

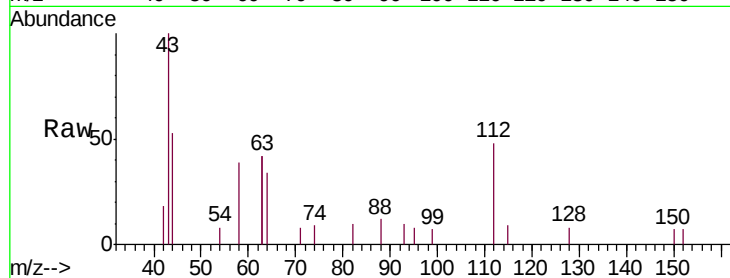
Tgt Ion: 112 Resp: 868

Ion Ratio Lower Upper

112 100

64 69.7 60.1 90.1

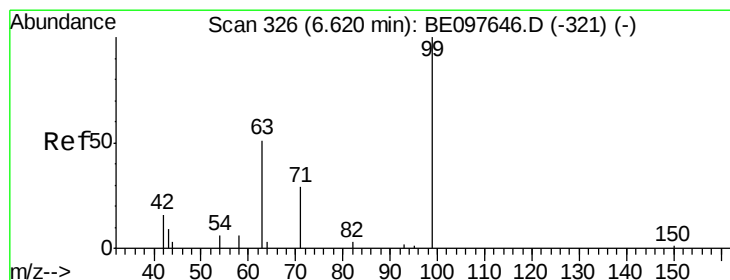
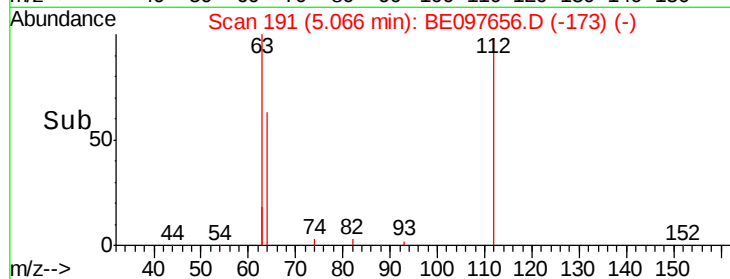
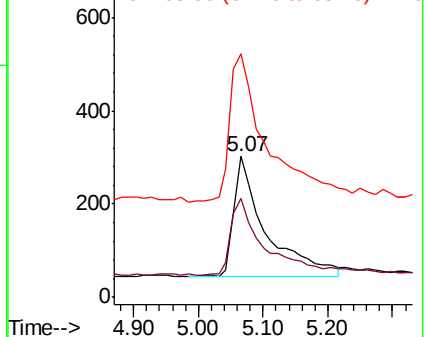
63 144.4 116.8 175.2



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

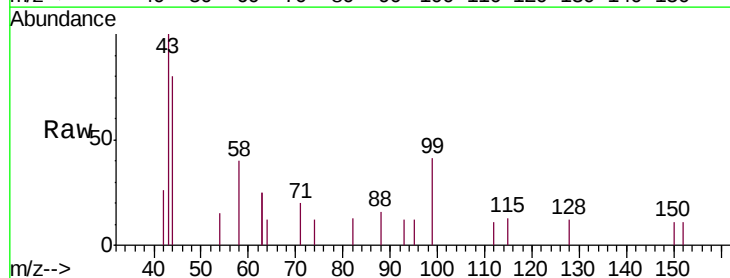
Tgt Ion: 99 Resp: 325

Ion Ratio Lower Upper

99 100

42 24.6 20.2 30.2

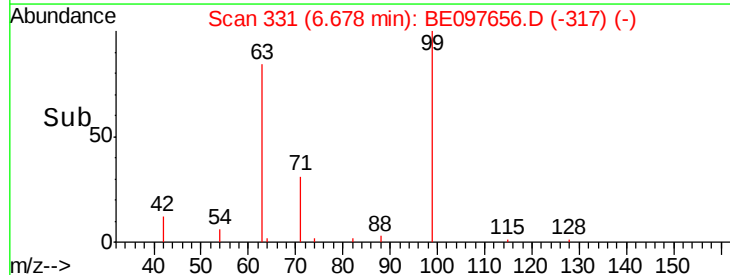
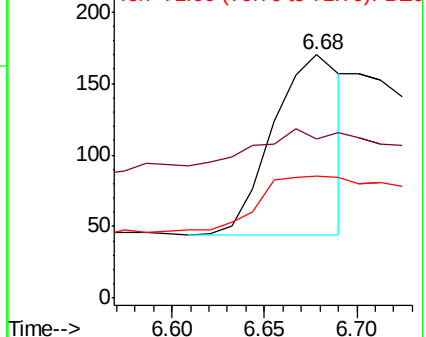
71 37.8 28.4 42.6

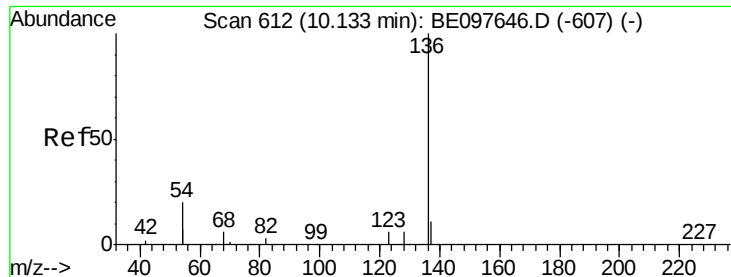


Abundance Ion 99.00 (98.70 to 99.70): BE0

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_E

ClientSampleId :

PB113162BL

Tgt Ion: 136 Resp: 3178

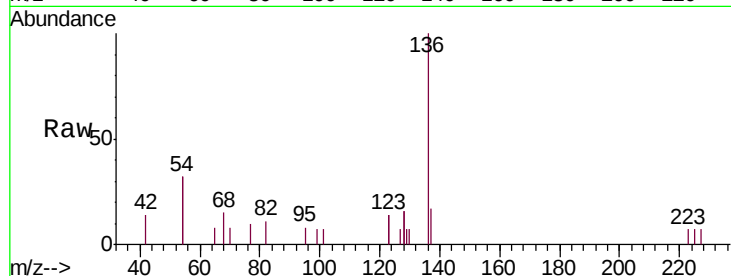
Ion Ratio Lower Upper

136 100

137 17.1 9.5 14.3#

54 64.3 29.1 43.7#

68 14.7 6.2 9.2#

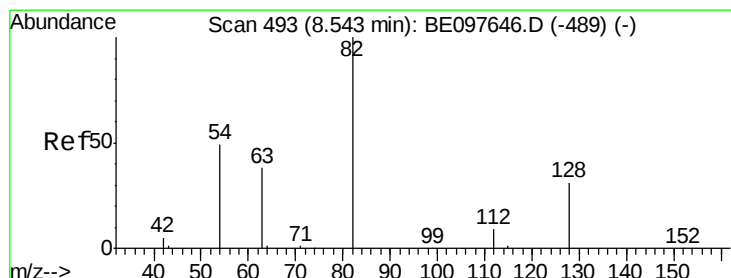
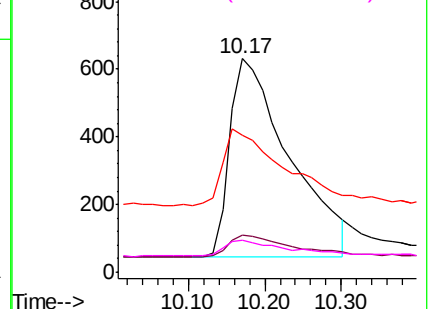
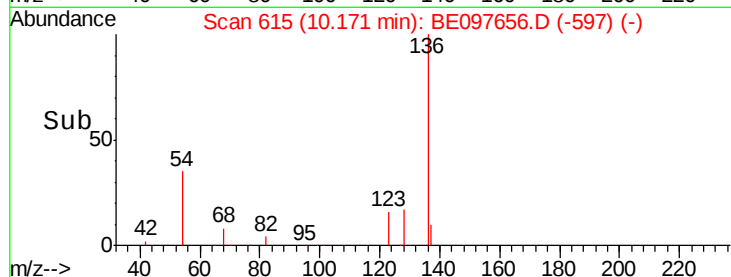


Abundance Ion 136.00 (135.70 to 136.70): E

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

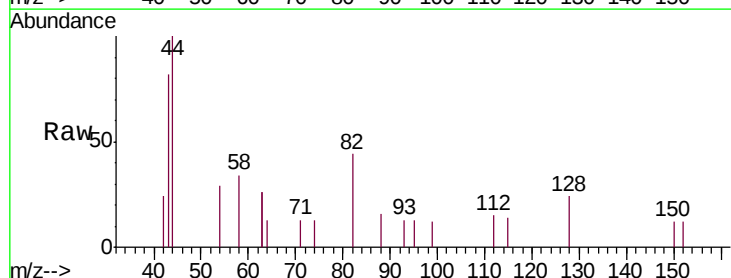
Tgt Ion: 82 Resp: 521

Ion Ratio Lower Upper

82 100

128 54.2 24.0 36.0#

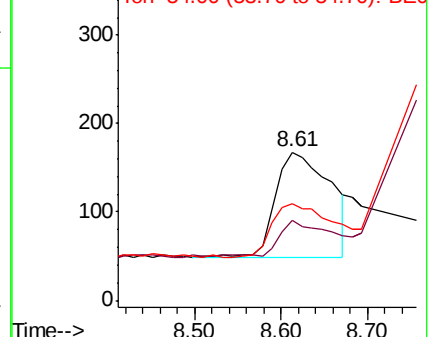
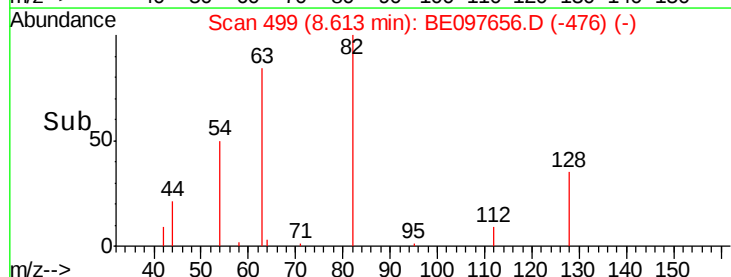
54 64.9 40.0 60.0#

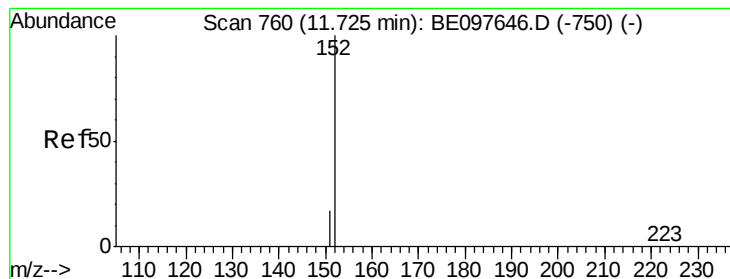


Abundance Ion 82.00 (81.70 to 82.70): BE0

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_E

ClientSampleId :

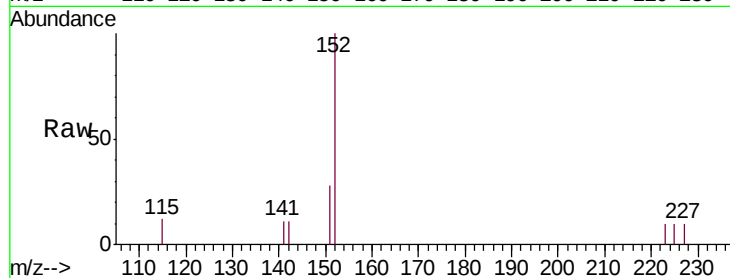
PB113162BL

Tgt Ion:152 Resp: 1938

Ion Ratio Lower Upper

152 100

151 17.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.79

400

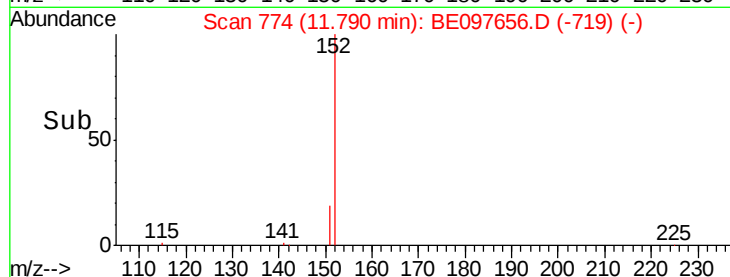
300

200

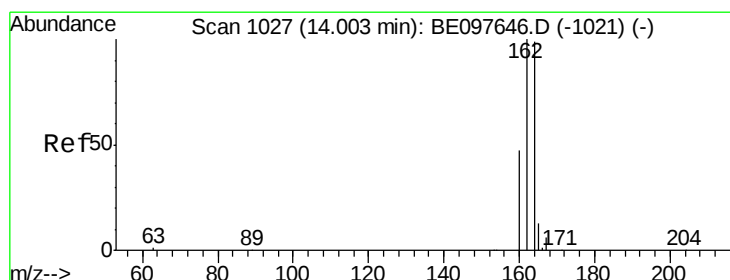
100

0

Time-->



Time-->



#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

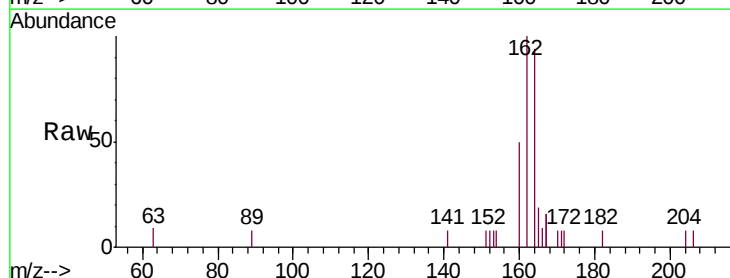
Tgt Ion:164 Resp: 1807

Ion Ratio Lower Upper

164 100

162 106.7 83.1 124.7

160 53.5 37.1 55.7



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

14.03

800

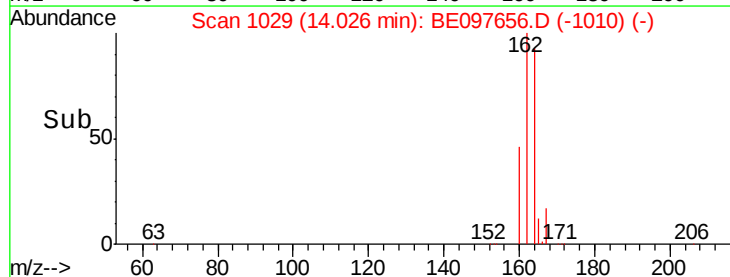
600

400

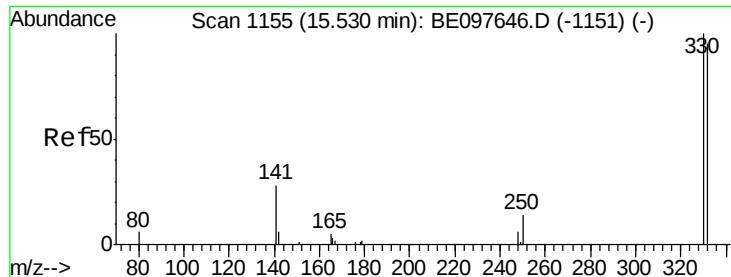
200

0

Time-->



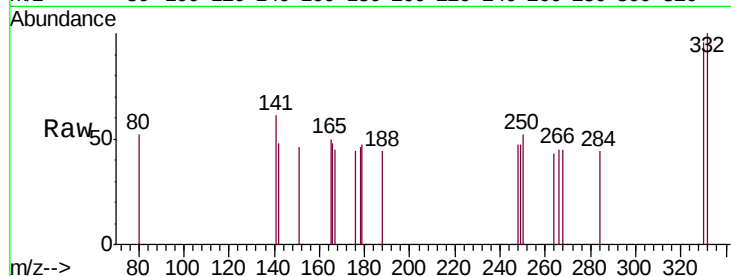
Time-->



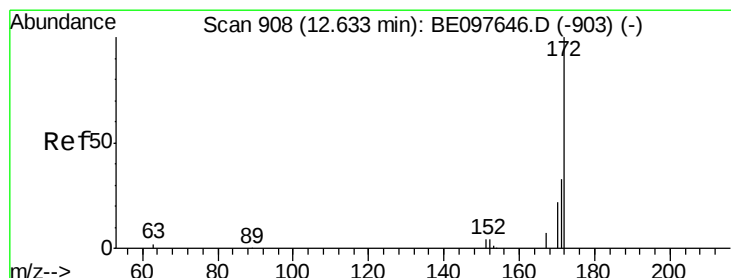
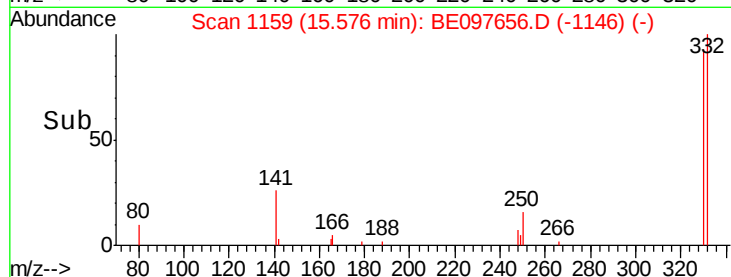
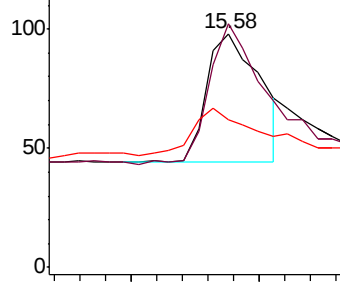
#14
 2,4,6-Tribromophenol
 Concen: 0.252 ng
 RT: 15.58 min Scan# 1159
 Delta R.T. 0.05 min
 Lab File: BE097656.D
 Acq: 25 Sep 2018 14:12

Instrument :
 BNA_E
 ClientSampleID :
 PB113162BL

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

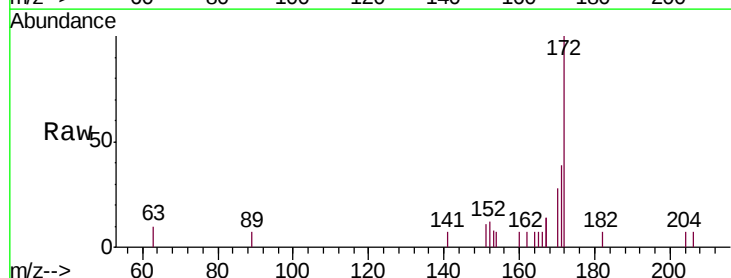


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

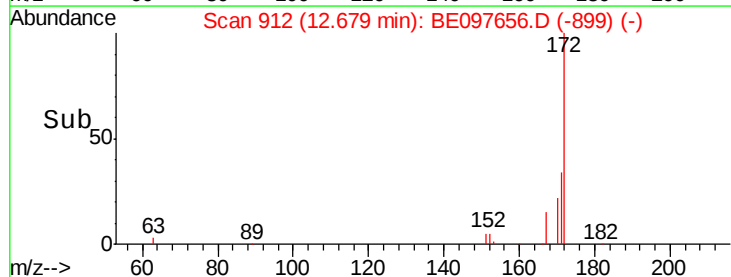
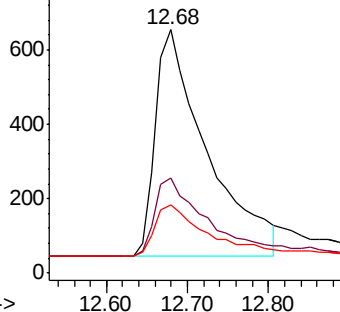


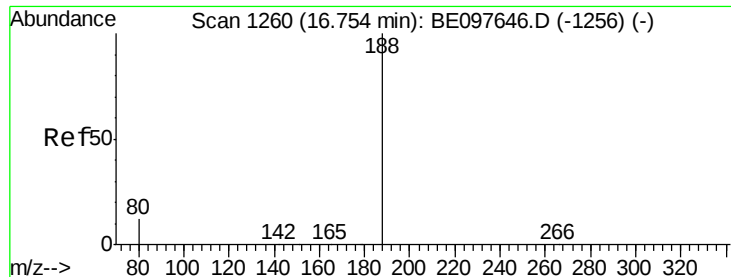
#15
 2-Fluorobiphenyl
 Concen: 0.455 ng
 RT: 12.68 min Scan# 912
 Delta R.T. 0.05 min
 Lab File: BE097656.D
 Acq: 25 Sep 2018 14:12

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

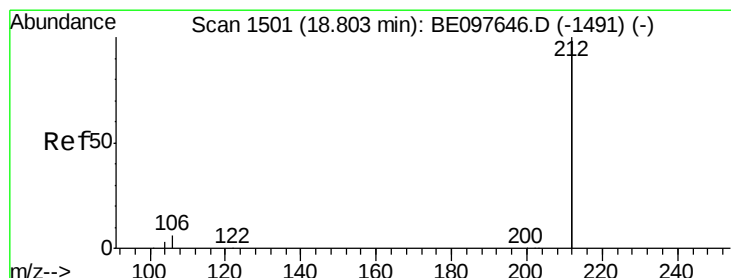
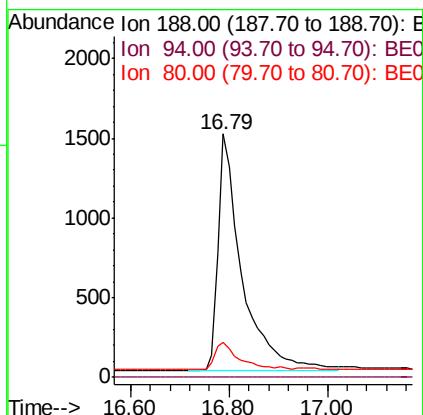
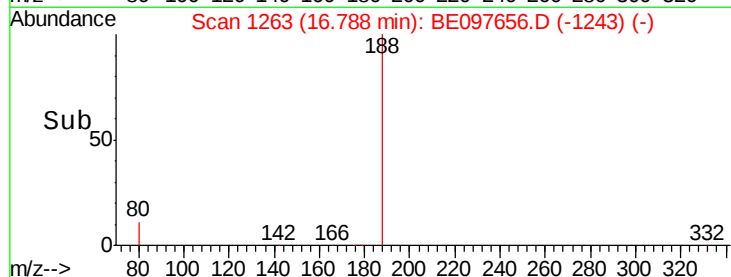
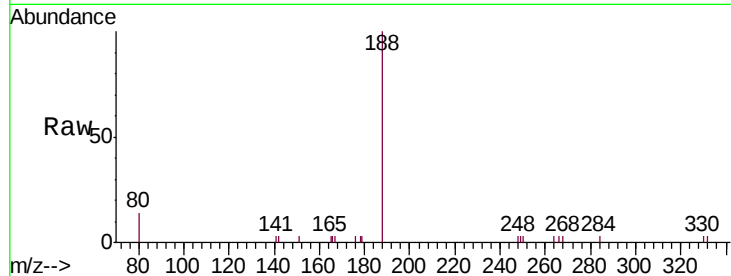




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1263
Delta R.T. 0.03 min
Lab File: BE097656.D
Acq: 25 Sep 2018 14:12

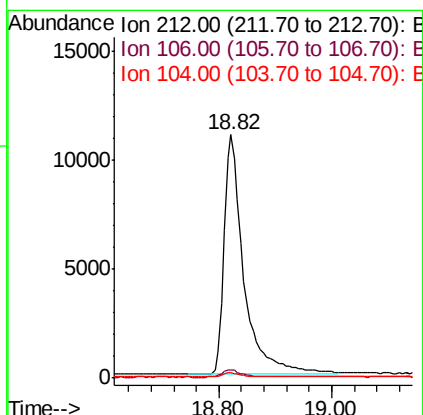
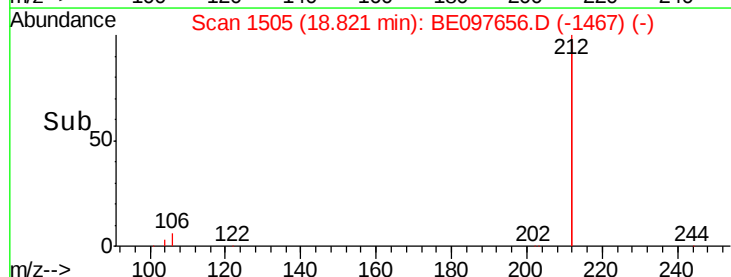
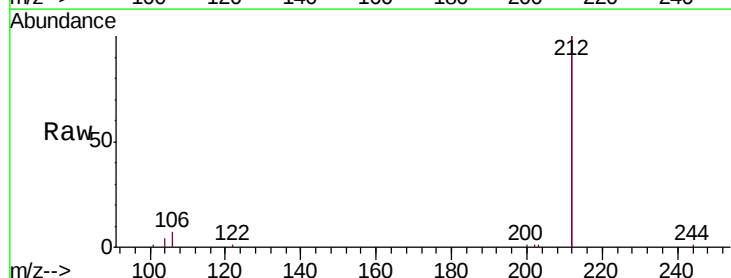
Instrument :
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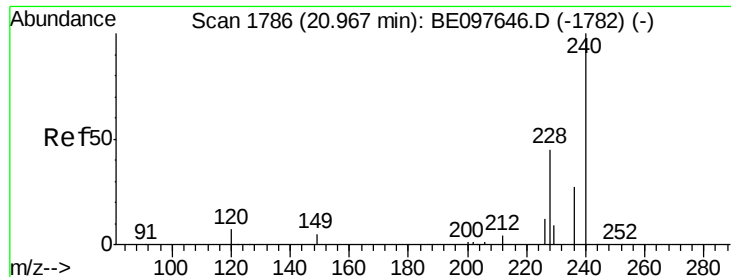
Tgt Ion:188 Resp: 4973
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 14.3 3.6 5.4#



#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_E

ClientSampleId :

PB113162BL

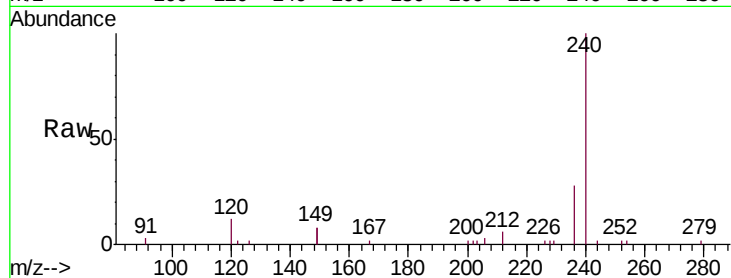
Tgt Ion:240 Resp: 6473

Ion Ratio Lower Upper

240 100

120 12.1 5.5 8.3#

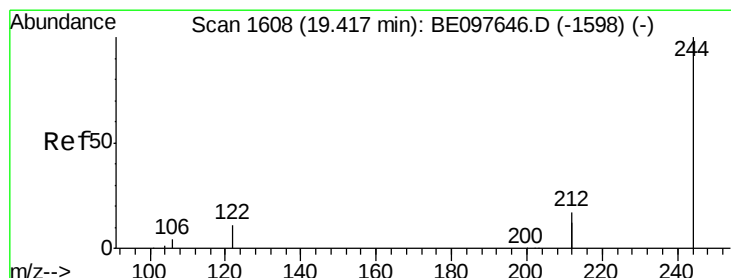
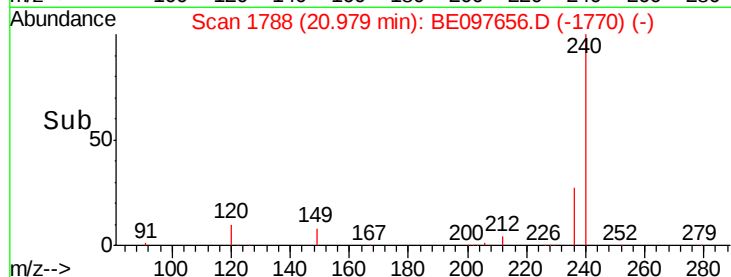
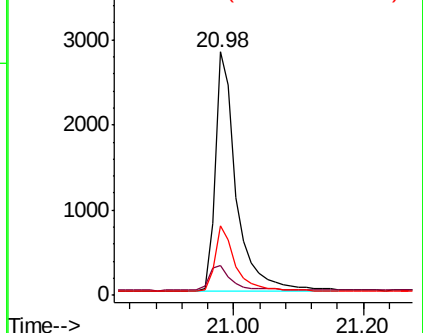
236 28.4 20.7 31.1



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



#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

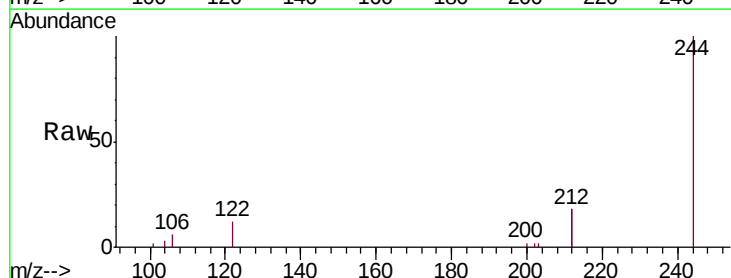
Tgt Ion:244 Resp: 4918

Ion Ratio Lower Upper

244 100

212 35.7 25.4 38.0

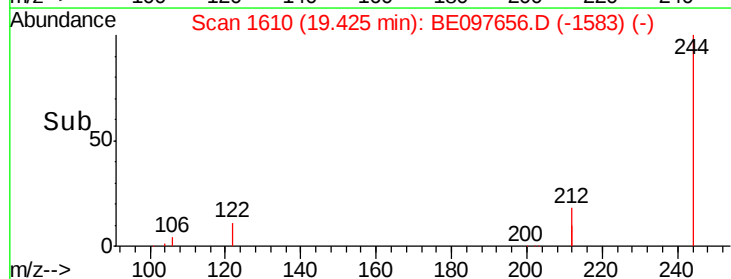
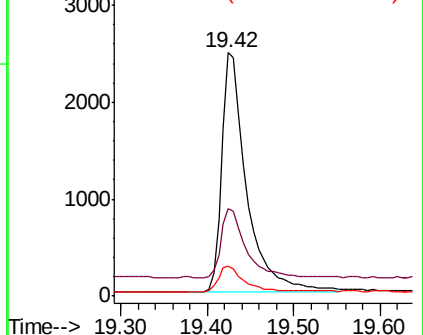
122 12.3 8.1 12.1#

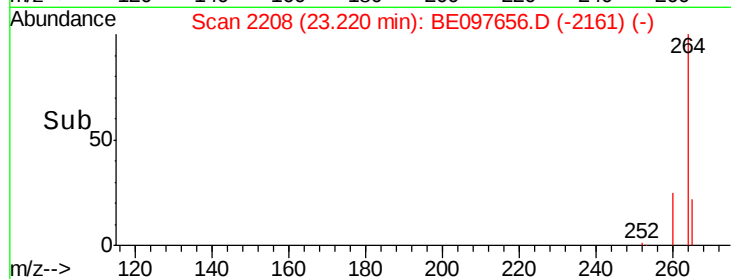
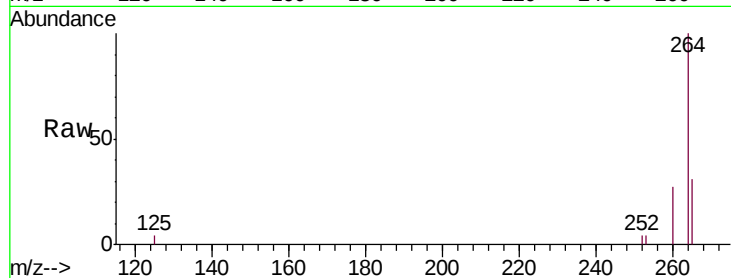
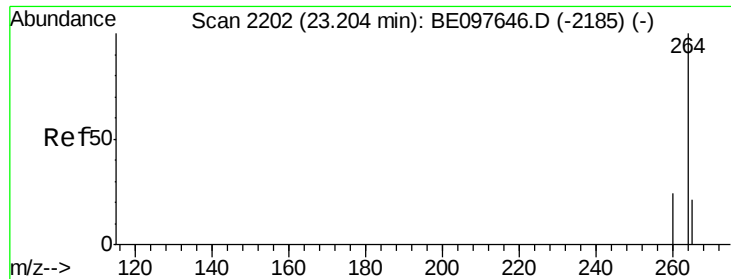


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Perylene-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_E

ClientSampleId :

PB113162BL

Tgt Ion:264 Resp: 6192

Ion Ratio Lower Upper

264 100

260 26.7 20.5 30.7

265 30.6 22.8 34.2

