

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\
 Data File : BE097594.D
 Acq On : 21 Sep 2018 4:18
 Operator : SJ/JU
 Sample : J4969-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FT-MW09I-20180917

Quant Time: Sep 21 07:13:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 10:54:43 2018
 Response via : Initial Calibration

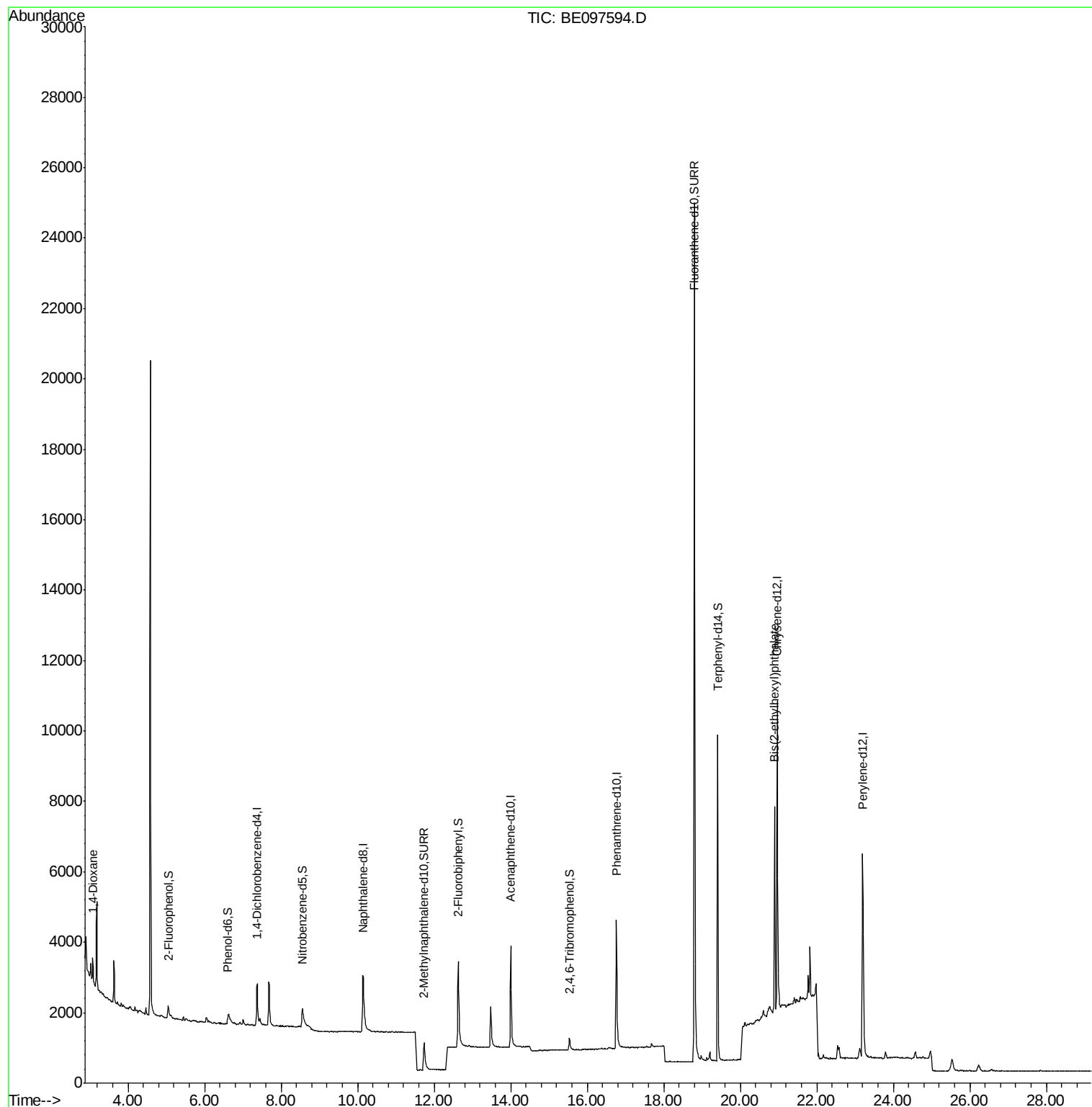
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	744	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	3296	0.40	ng	0.01
13) Acenaphthene-d10	14.00	164	1949	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	6450	0.40	ng	0.00
27) Chrysene-d12	20.97	240	9252	0.40	ng	0.00
34) Perylene-d12	23.20	264	9137	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	327	0.15	ng	0.00
5) Phenol-d6	6.61	99	234	0.08	ng	0.00
8) Nitrobenzene-d5	8.55	82	949	0.37	ng	0.02
11) 2-Methylnaphthalene-d10	11.73	152	2071	0.46	ng	0.02
14) 2,4,6-Tribromophenol	15.53	330	266	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	3401	0.49	ng	0.01
25) Fluoranthene-d10	18.80	212	39008	0.47	ng	0.00
29) Terphenyl-d14	19.41	244	8877	0.52	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.07	88	418	0.321	ng	# 71
32) Bis(2-ethylhexyl)phthalate	20.89	149	7464	0.201	ng	# 99

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

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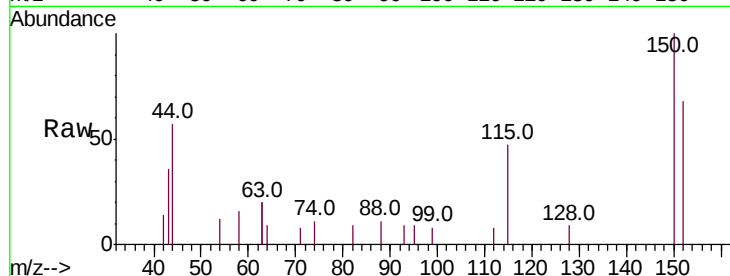


#1

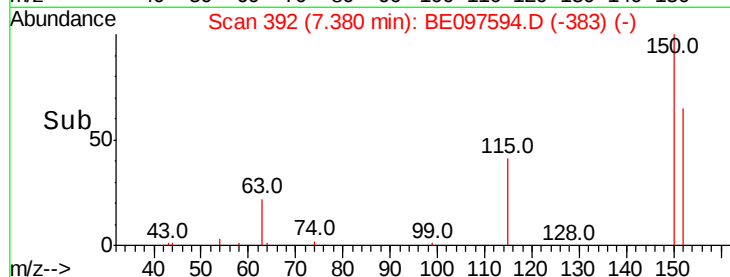
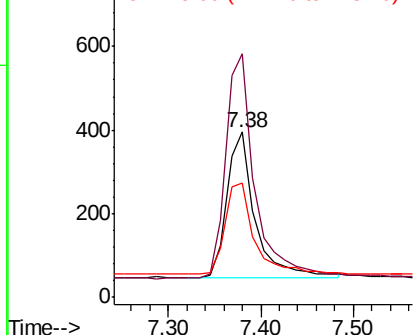
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097594.D
Acq: 21 Sep 2018 4:18

Instrument :
BNA_E
ClientSampleId :
FT-MW09I-20180917

Tot Ion:152 Resp: 744
Ion Ratio Lower Upper
152 100
150 147.3 117.2 175.8
115 69.6 57.0 85.6



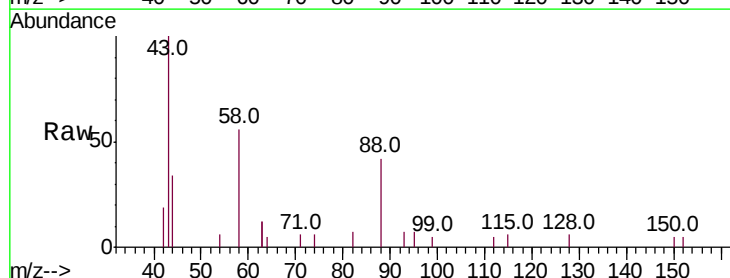
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



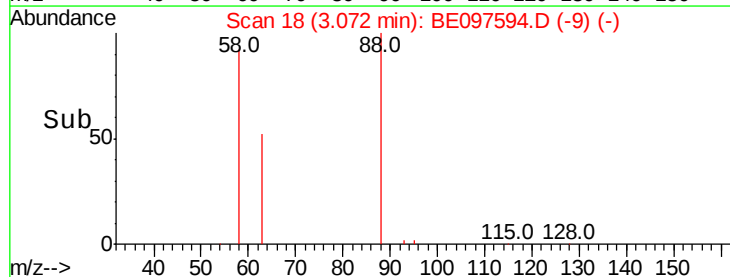
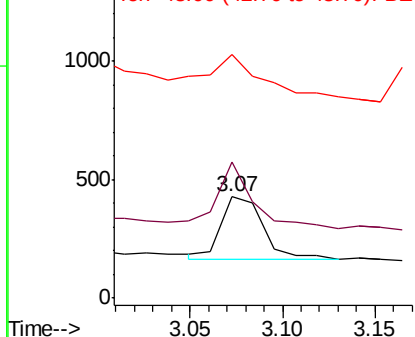
#2

1,4-Dioxane
Concen: 0.321 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097594.D
Acq: 21 Sep 2018 4:18

Tgt Ion: 88 Resp: 418
Ion Ratio Lower Upper
88 100
58 92.3 63.2 94.8
43 86.4 41.2 61.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.147 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097594.D

Acq: 21 Sep 2018 4:18

Instrument :

BNA_E

ClientSampleId :

FT-MW09I-20180917

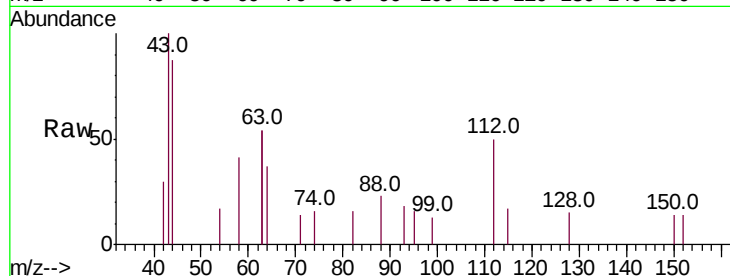
Tot Ion:112 Resp: 327

Ion Ratio Lower Upper

112 100

64 63.9 60.1 90.1

63 145.3 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

500

400

300

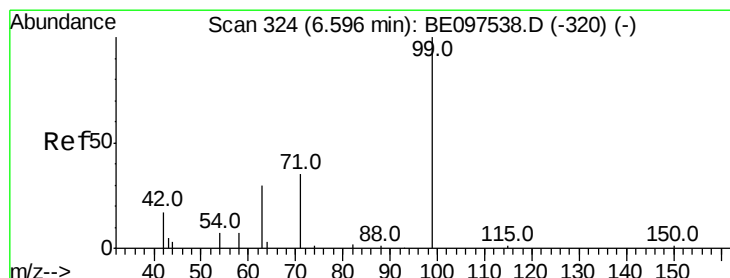
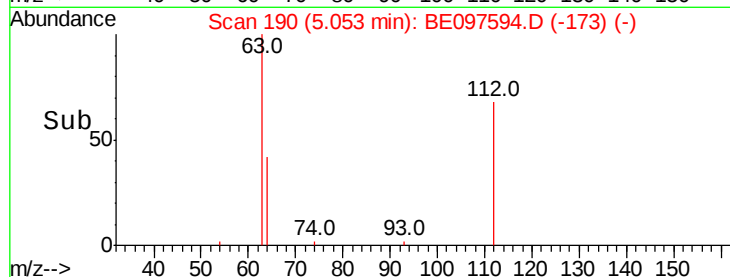
200

100

0

4.90 5.00 5.10 5.20

Time-->



#5

Phenol-d6

Concen: 0.082 ng

RT: 6.61 min Scan# 325

Delta R.T. 0.00 min

Lab File: BE097594.D

Acq: 21 Sep 2018 4:18

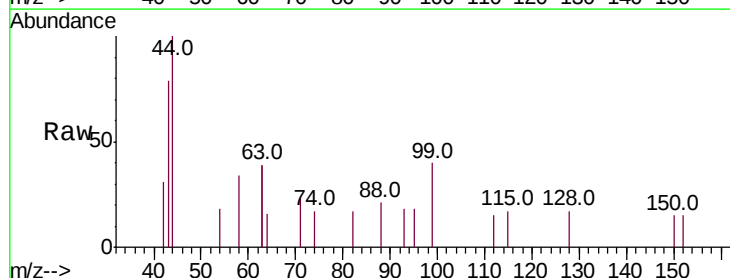
Tgt Ion: 99 Resp: 234

Ion Ratio Lower Upper

99 100

42 25.6 20.2 30.2

71 27.8 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

150

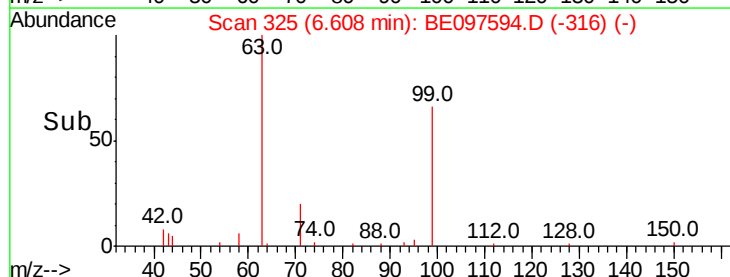
100

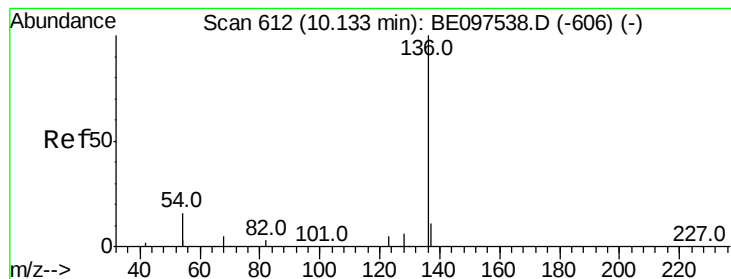
50

0

6.50 6.55 6.60 6.65 6.70

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097594.D

Acq: 21 Sep 2018 4:18

Instrument :

BNA_E

ClientSampleId :

FT-MW09I-20180917

Tot Ion:136 Resp: 3296

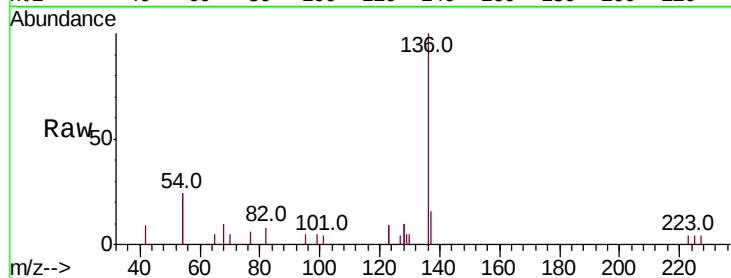
Ion Ratio Lower Upper

136 100

137 15.6 9.5 14.3#

54 48.2 29.1 43.7#

68 10.3 6.2 9.2#

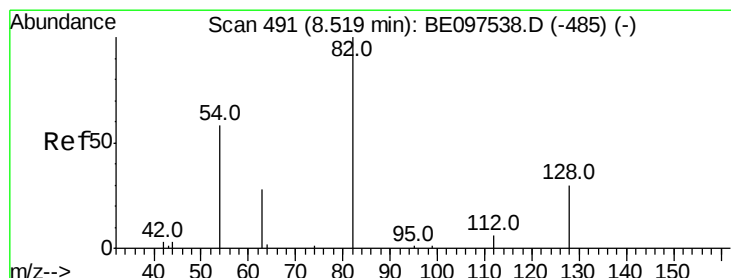
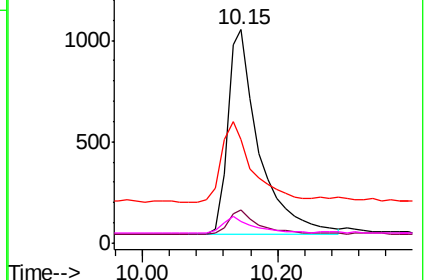
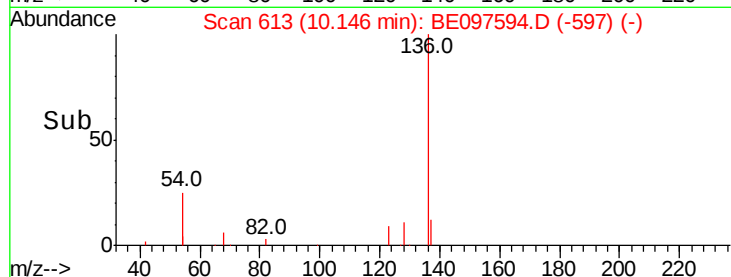


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.373 ng

RT: 8.55 min Scan# 494

Delta R.T. 0.02 min

Lab File: BE097594.D

Acq: 21 Sep 2018 4:18

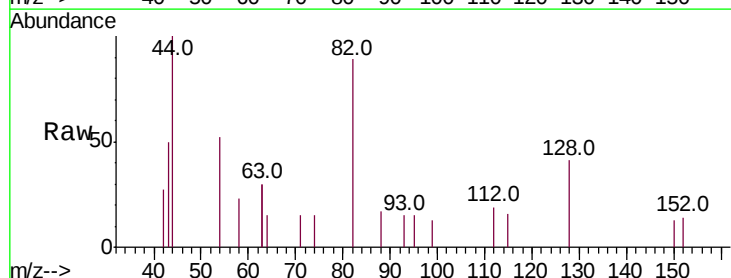
Tgt Ion: 82 Resp: 949

Ion Ratio Lower Upper

82 100

128 45.7 24.0 36.0#

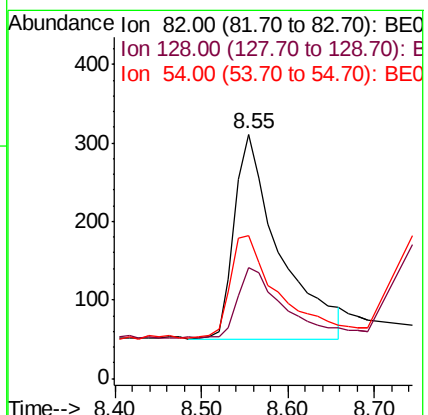
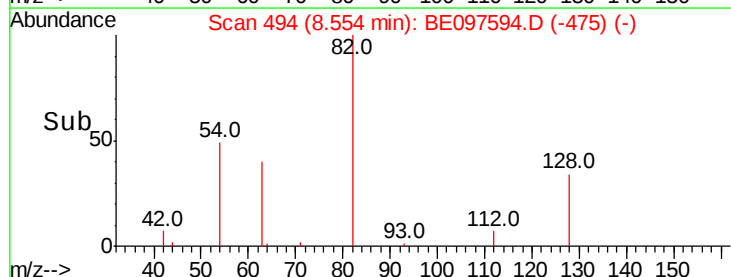
54 58.5 40.0 60.0

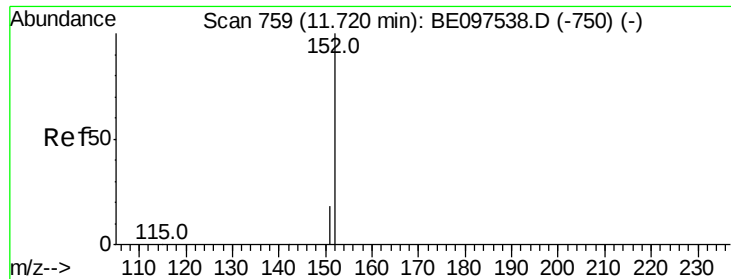


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

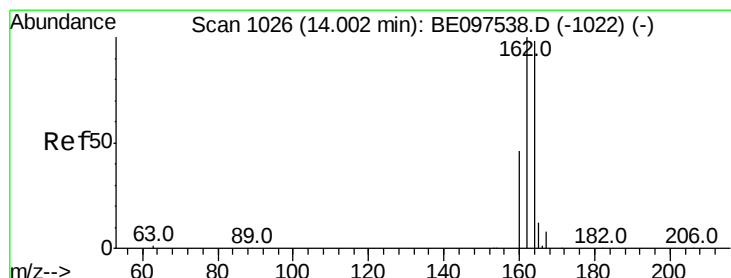
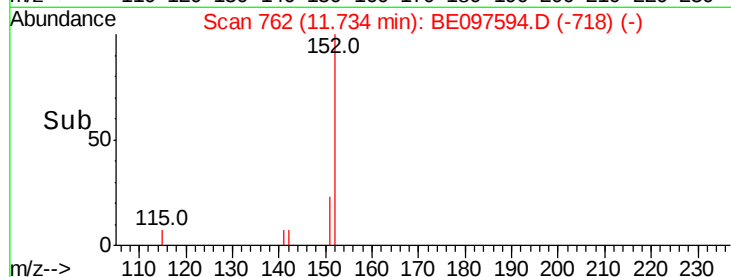
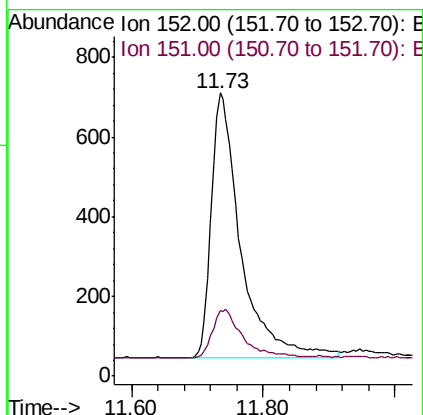
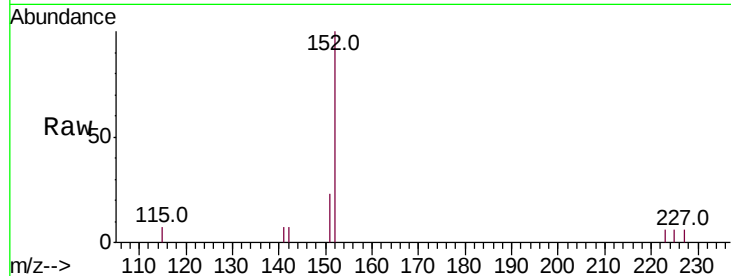




#11
2-Methylnaphthalene-d10
Concen: 0.456 ng
RT: 11.73 min Scan# 762
Delta R.T. 0.02 min
Lab File: BE097594.D
Acq: 21 Sep 2018 4:18

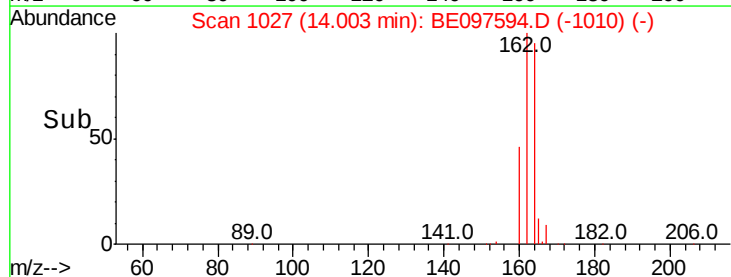
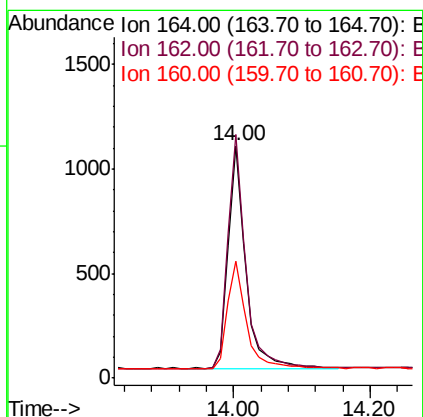
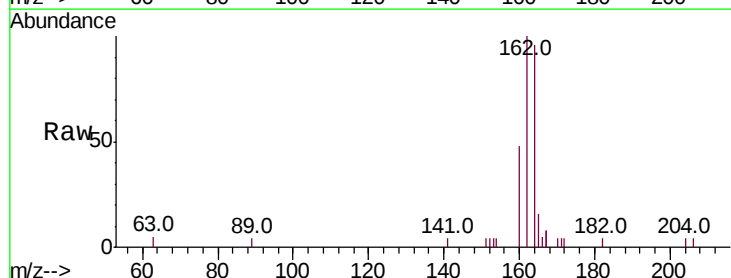
Instrument :
BNA_E
ClientSampleId :
FT-MW09I-20180917

Tot Ion:152 Resp: 2071
Ion Ratio Lower Upper
152 100
151 19.1 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE097594.D
Acq: 21 Sep 2018 4:18

Tgt Ion:164 Resp: 1949
Ion Ratio Lower Upper
164 100
162 104.7 83.1 124.7
160 50.1 37.1 55.7

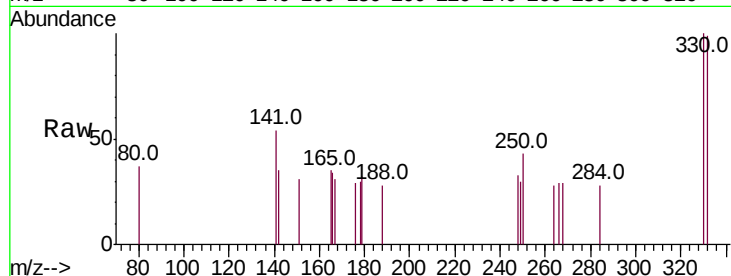




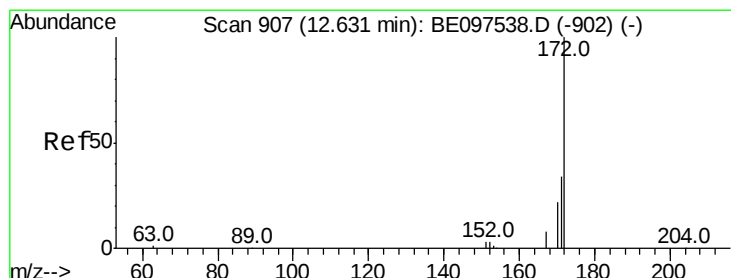
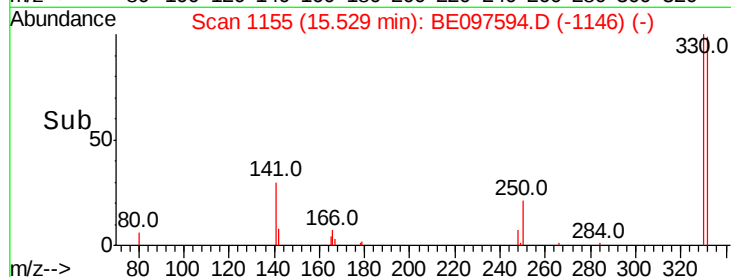
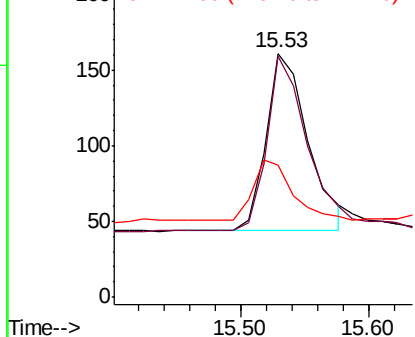
#14
 2,4,6-Tribromophenol
 Concen: 0.374 ng
 RT: 15.53 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: BE097594.D
 Acq: 21 Sep 2018 4:18

Instrument :
 BNA_E
 ClientSampleId :
 FT-MW09I-20180917

Tot Ion:330 Resp: 266
 Ion Ratio Lower Upper
 330 100
 332 94.7 152.7 229.1#
 141 31.2 33.7 50.5#

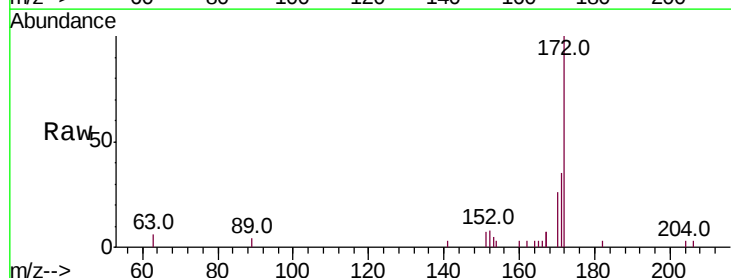


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

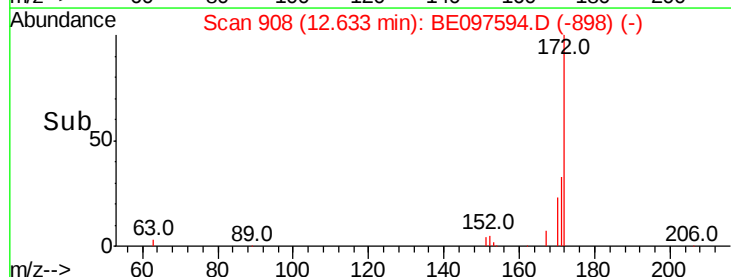
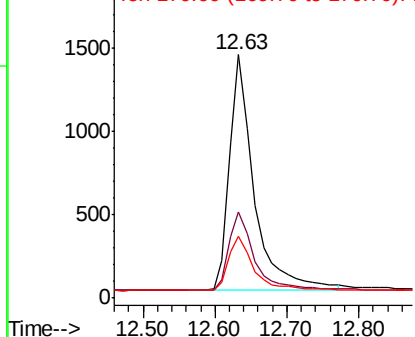


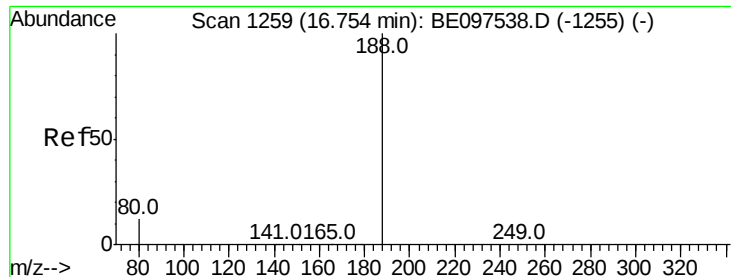
#15
 2-Fluorobiphenyl
 Concen: 0.494 ng
 RT: 12.63 min Scan# 908
 Delta R.T. 0.01 min
 Lab File: BE097594.D
 Acq: 21 Sep 2018 4:18

Tgt Ion:172 Resp: 3401
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.9 44.9
 170 25.6 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: 16.76 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BE097594.D

Acq: 21 Sep 2018 4:18

Instrument :

BNA_E

ClientSampleId :

FT-MW09I-20180917

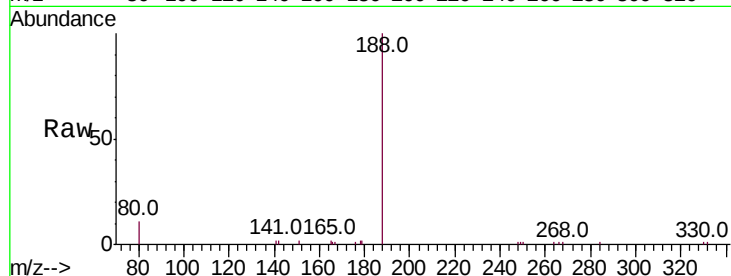
Tot Ion:188 Resp: 6450

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

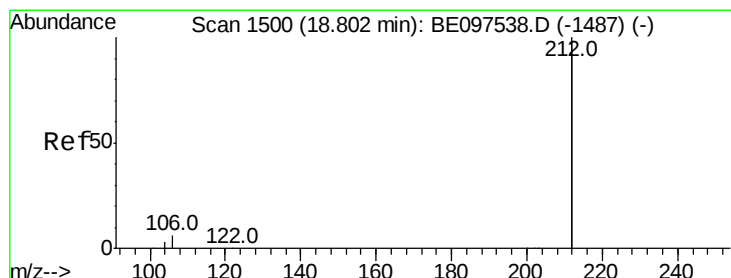
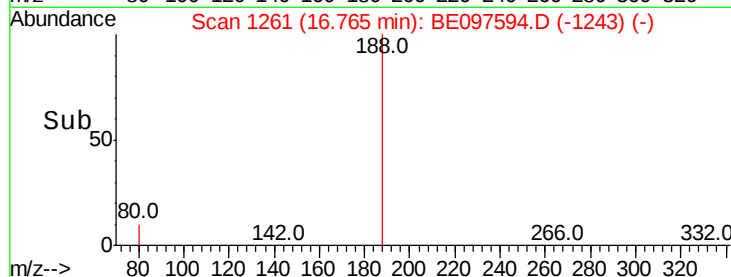
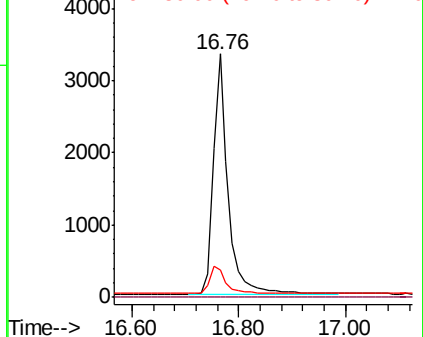
80 11.0 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#25

Fluoranthene-d10

Concen: 0.472 ng

RT: 18.80 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE097594.D

Acq: 21 Sep 2018 4:18

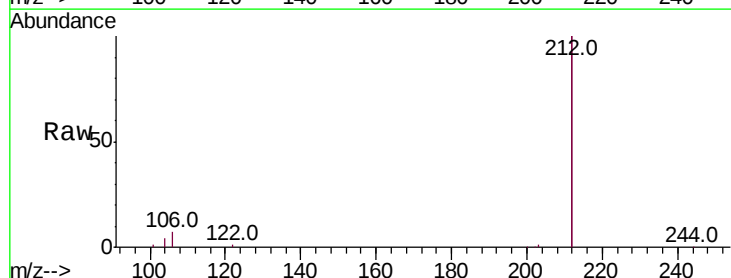
Tgt Ion:212 Resp: 39008

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

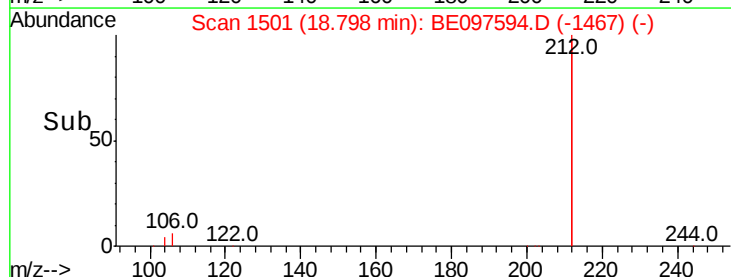
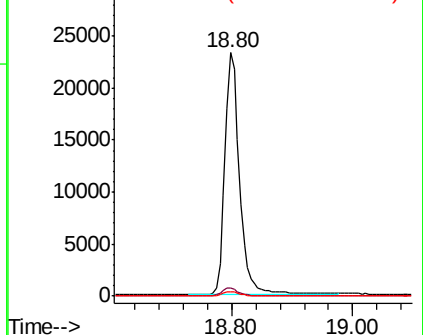
104 1.8 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE097594.D

Acq: 21 Sep 2018 4:18

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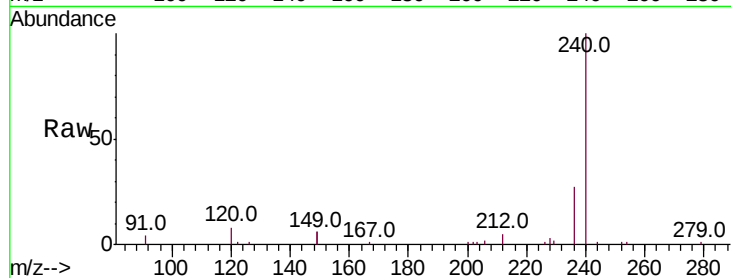
Tot Ion:240 Resp: 9252

Ion Ratio Lower Upper

240 100

120 8.4 5.5 8.3#

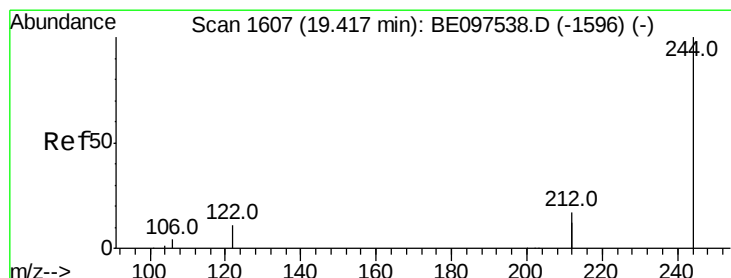
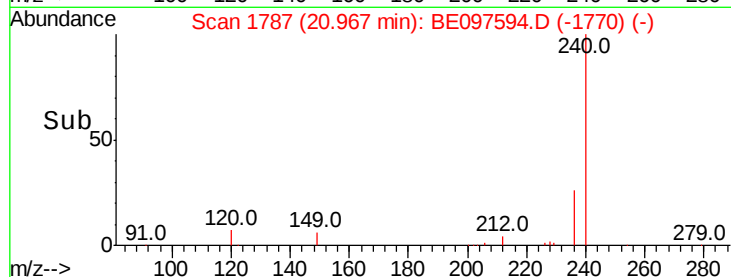
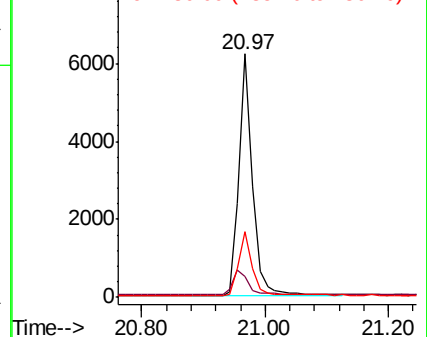
236 26.9 20.7 31.1



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: 0.524 ng

RT: 19.41 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BE097594.D

Acq: 21 Sep 2018 4:18

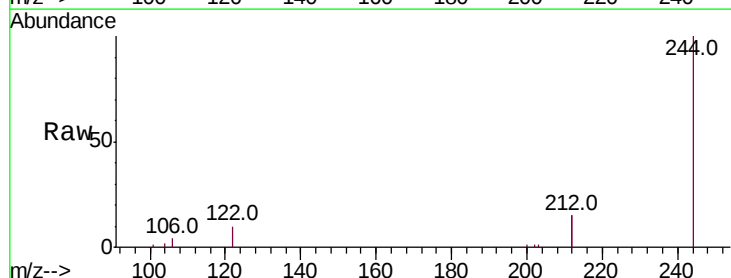
Tgt Ion:244 Resp: 8877

Ion Ratio Lower Upper

244 100

212 30.3 25.4 38.0

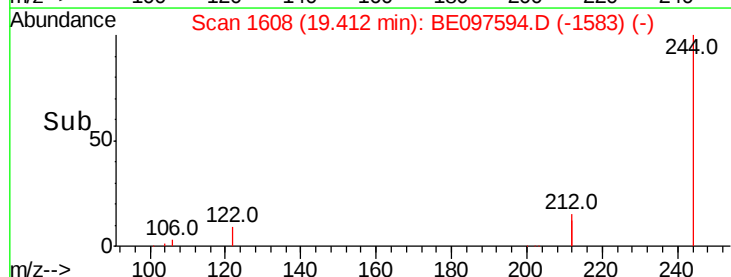
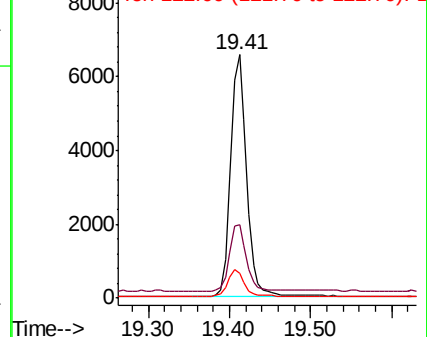
122 10.1 8.1 12.1



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





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.201 ng

RT: 20.89 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BE097594.D

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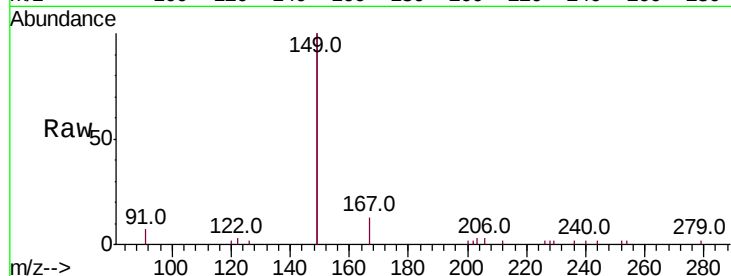
Tot Ion:149 Resp: 7464

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

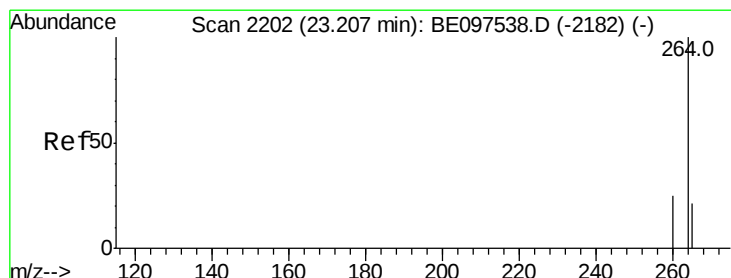
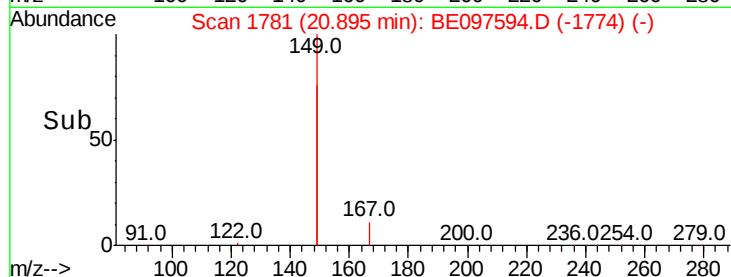
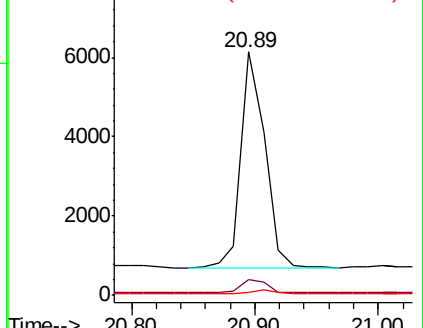
279 1.1 0.7 1.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.20 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BE097594.D

Acq: 21 Sep 2018 4:18

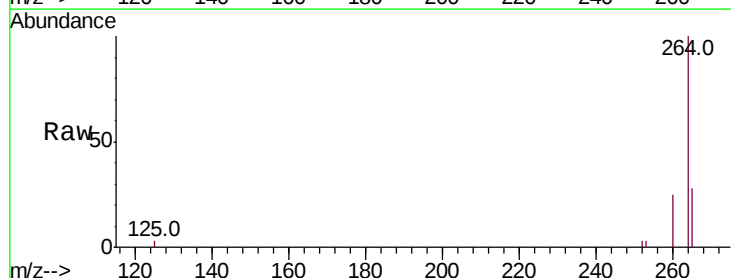
Tgt Ion:264 Resp: 9137

Ion Ratio Lower Upper

264 100

260 25.2 20.5 30.7

265 27.6 22.8 34.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

