

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081518\
 Data File : BE097284.D
 Acq On : 15 Aug 2018 18:22
 Operator : SJ/JU
 Sample : J4379-22
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-101S

Quant Time: Aug 15 19:03:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE081518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 15 14:23:39 2018
 Response via : Initial Calibration

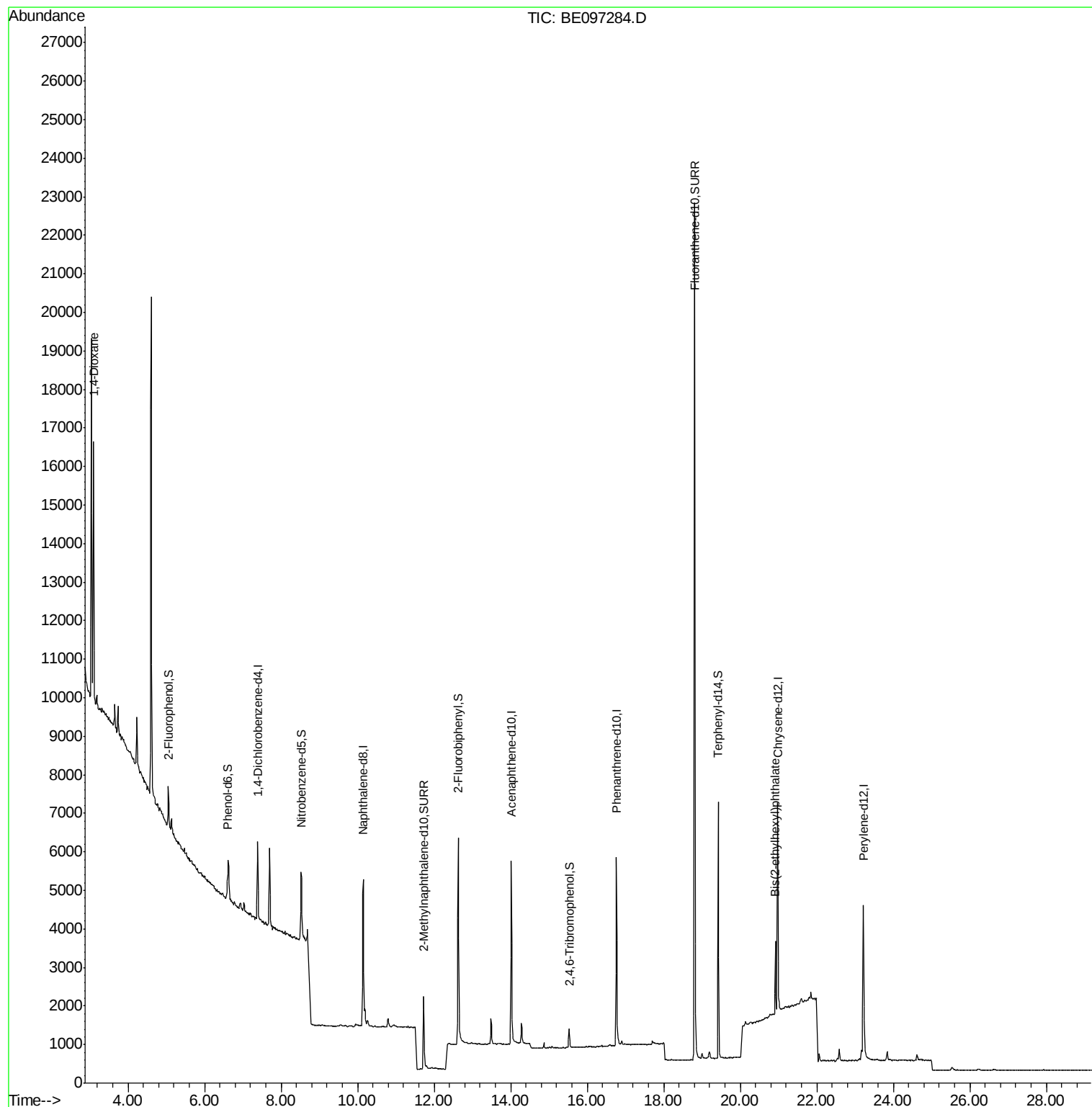
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	961	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	4848	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	2720	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	6652	0.40	ng	0.00
27) Chrysene-d12	20.98	240	6349	0.40	ng	0.00
34) Perylene-d12	23.21	264	6358	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	522	0.17	ng	0.00
5) Phenol-d6	6.61	99	455	0.10	ng	0.00
8) Nitrobenzene-d5	8.52	82	1892	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	3020	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	342	0.41	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	5527	0.54	ng	0.00
25) Fluoranthene-d10	18.81	212	30369	0.46	ng	0.00
29) Terphenyl-d14	19.42	244	5649	0.47	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.10	88	4308	3.990	ng	Qvalue # 86
32) Bis(2-ethylhexyl)phthalate	20.92	149	2285	0.111	ng	97

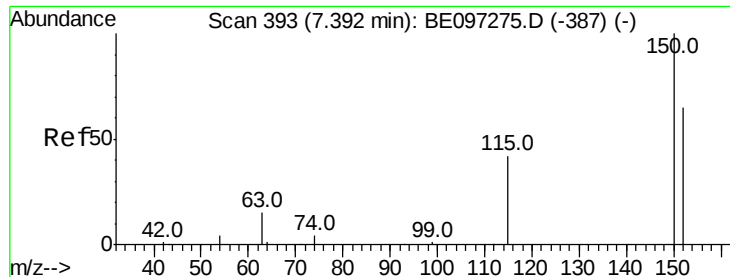
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 393

Delta R.T. -0.00 min

Lab File: BE097284.D

Acq: 15 Aug 2018 18:22

Instrument :

BNA_E

ClientSampleId :

MW-101S

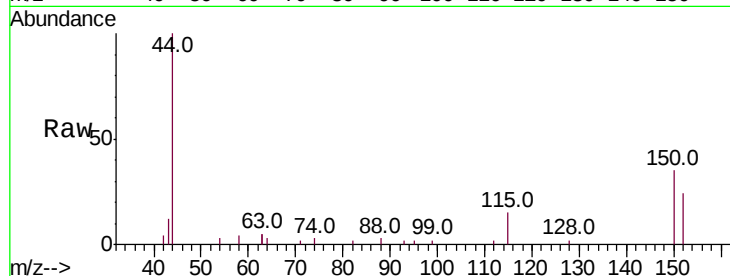
Tot Ion:152 Resp: 961

Ion Ratio Lower Upper

152 100

150 146.2 117.2 175.8

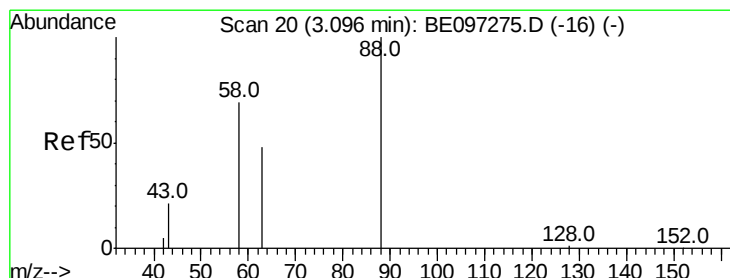
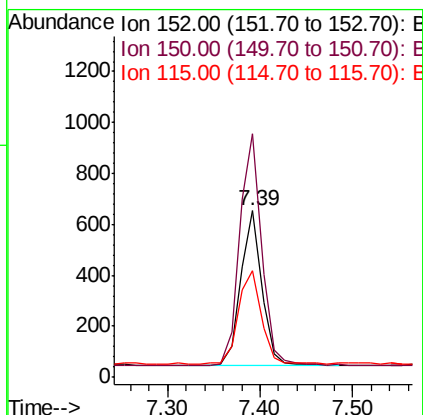
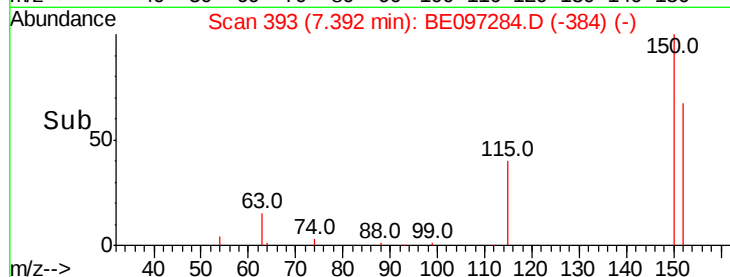
115 64.1 57.0 85.6



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: 3.990 ng

RT: 3.10 min Scan# 20

Delta R.T. -0.00 min

Lab File: BE097284.D

Acq: 15 Aug 2018 18:22

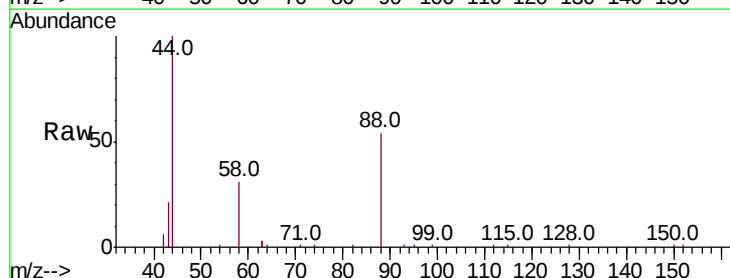
Tgt Ion: 88 Resp: 4308

Ion Ratio Lower Upper

88 100

58 74.8 63.2 94.8

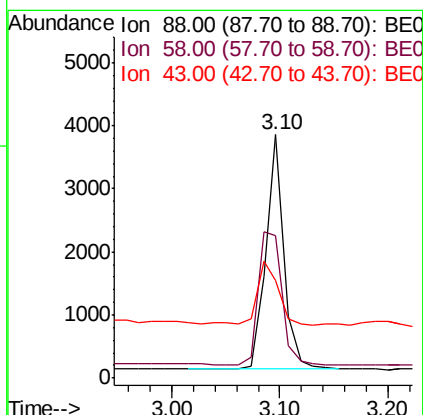
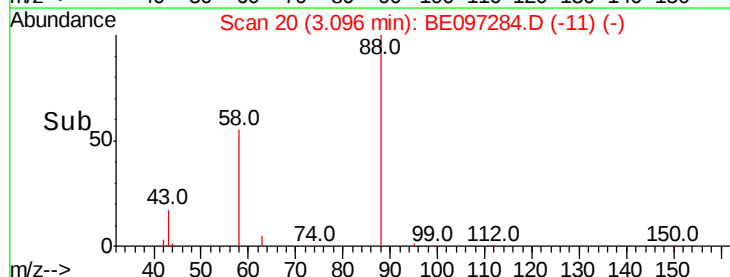
43 31.8 41.2 61.8#

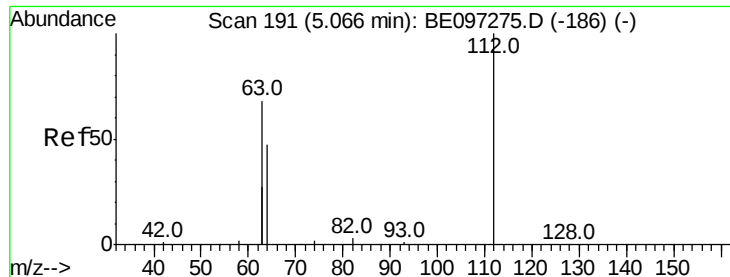


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.165 ng

RT: 5.07 min Scan# 191

Delta R.T. -0.00 min

Lab File: BE097284.D

Acq: 15 Aug 2018 18:22

Instrument :

BNA_E

ClientSampled :

MW-101S

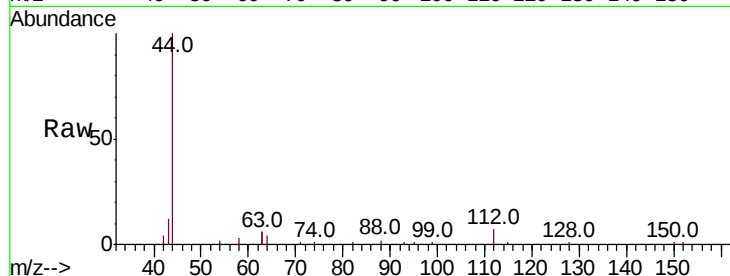
Tot Ion:112 Resp: 522

Ion Ratio Lower Upper

112 100

64 73.2 60.1 90.1

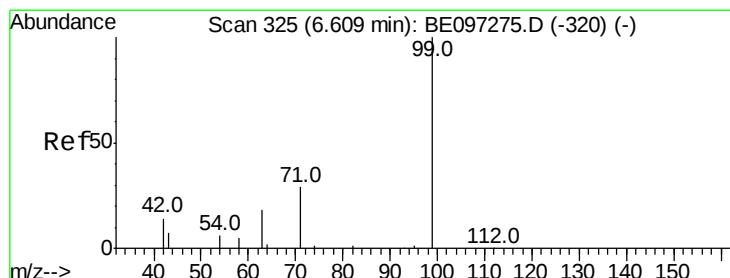
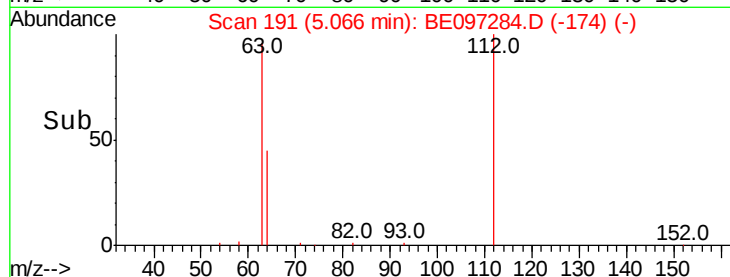
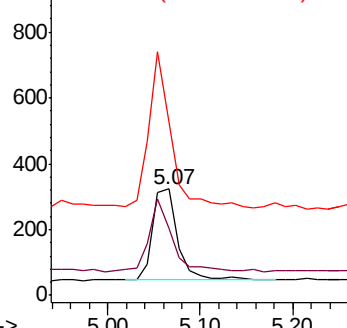
63 151.9 116.8 175.2



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: 0.101 ng

RT: 6.61 min Scan# 325

Delta R.T. -0.00 min

Lab File: BE097284.D

Acq: 15 Aug 2018 18:22

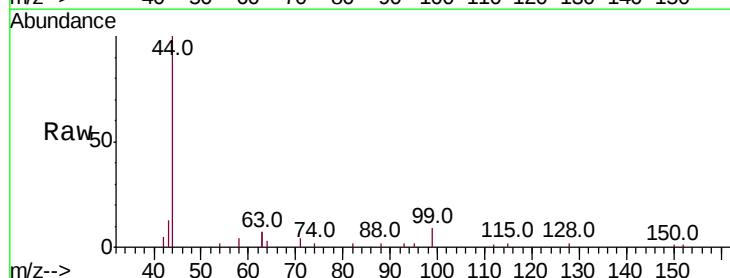
Tgt Ion: 99 Resp: 455

Ion Ratio Lower Upper

99 100

42 33.6 20.2 30.2#

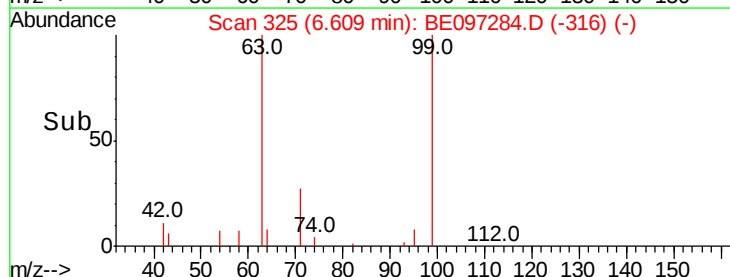
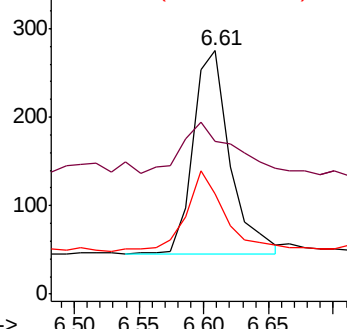
71 41.5 28.4 42.6

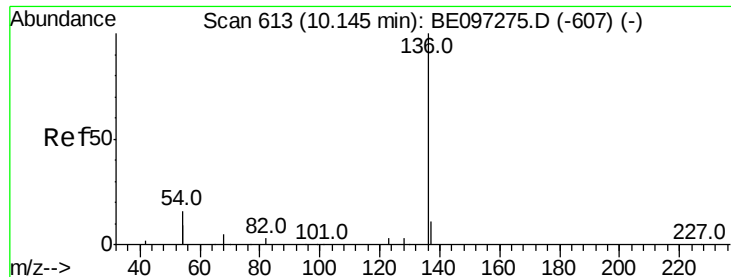


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097284.D

Acq: 15 Aug 2018 18:22

Instrument :

BNA_E

ClientSampled :

MW-101S

Tot Ion:136 Resp: 4848

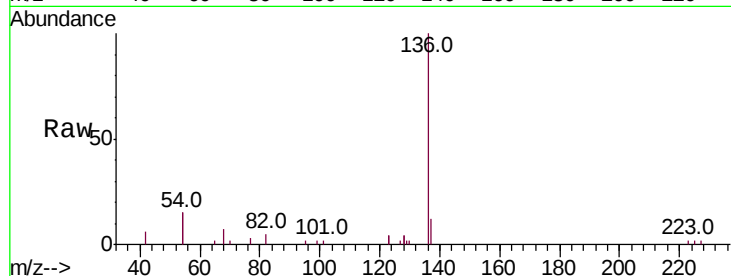
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 30.2 29.1 43.7

68 6.8 6.2 9.2

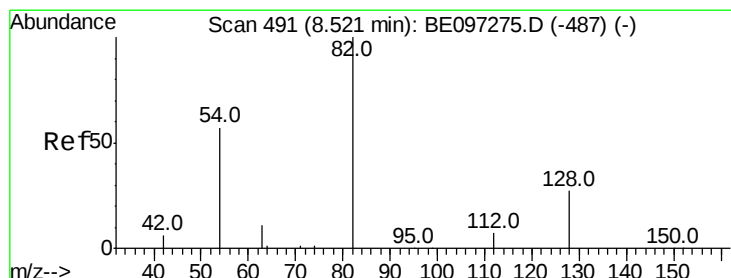
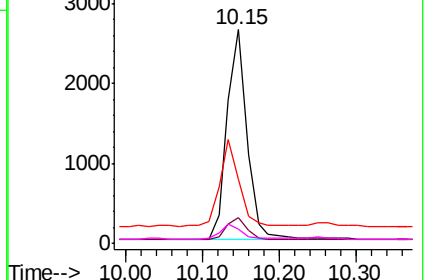
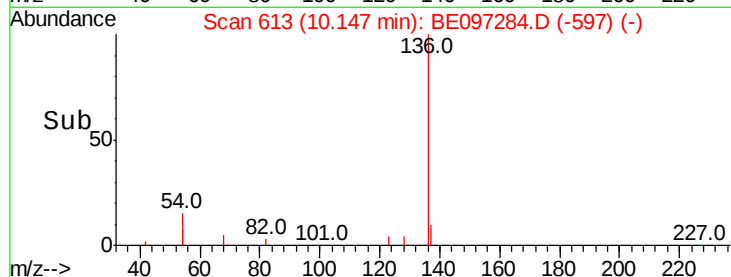


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.426 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097284.D

Acq: 15 Aug 2018 18:22

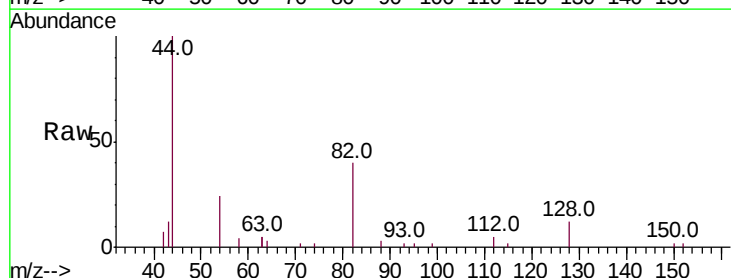
Tgt Ion: 82 Resp: 1892

Ion Ratio Lower Upper

82 100

128 29.5 24.0 36.0

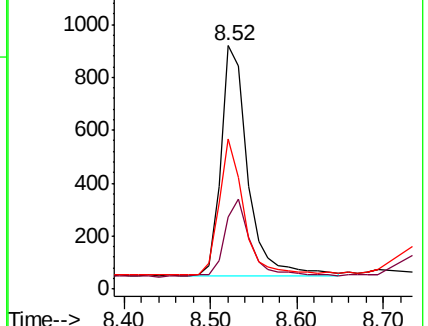
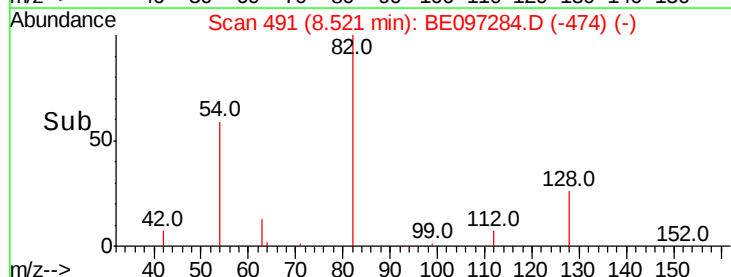
54 61.6 40.0 60.0#

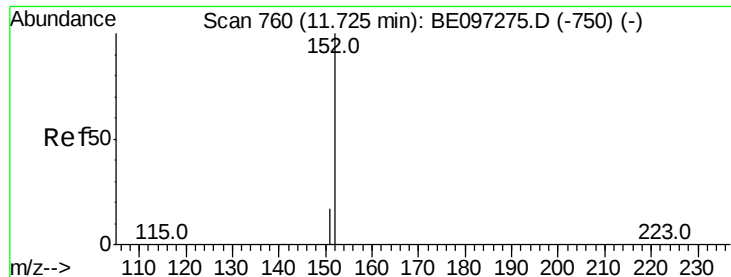


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.429 ng

RT: 11.72 min Scan# 760

Delta R.T. -0.00 min

Lab File: BE097284.D

Acq: 15 Aug 2018 18:22

Instrument :

BNA_E

ClientSampleId :

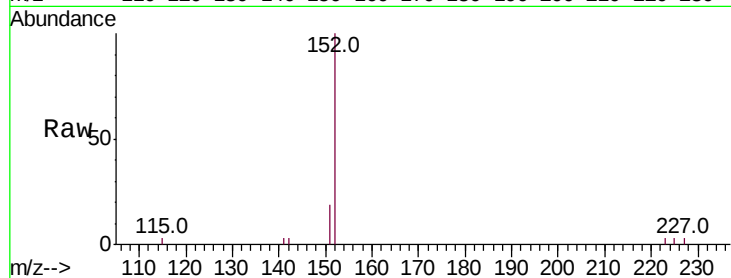
MW-101S

Tot Ion:152 Resp: 3020

Ion Ratio Lower Upper

152 100

151 18.8 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.72

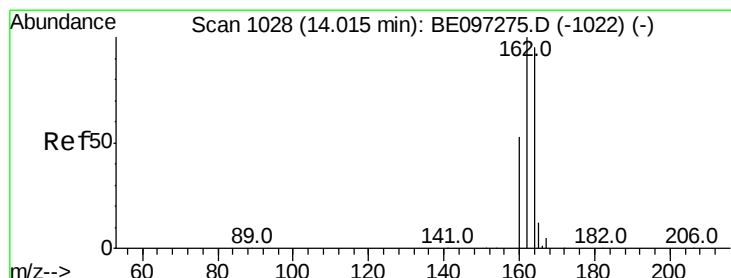
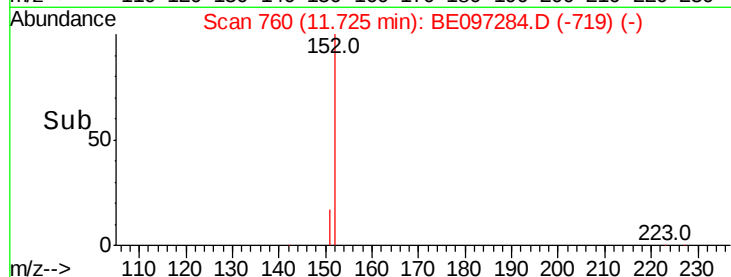
1500

1000

500

0

Time--> 11.60 11.70 11.80 11.90



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BE097284.D

Acq: 15 Aug 2018 18:22

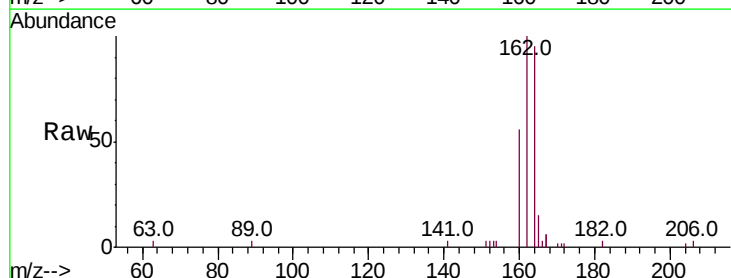
Tgt Ion:164 Resp: 2720

Ion Ratio Lower Upper

164 100

162 105.0 83.1 124.7

160 58.8 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

2500

2000

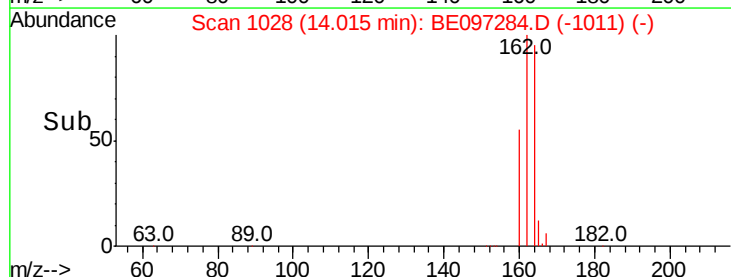
1500

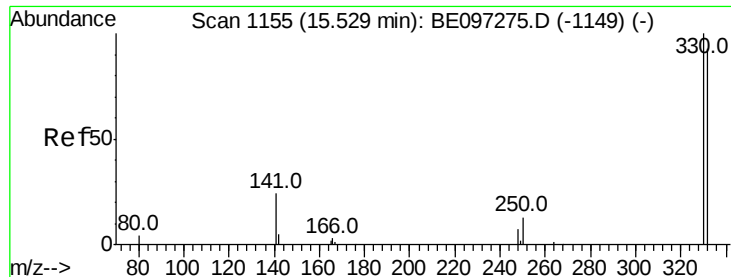
1000

500

0

Time--> 13.90 14.00 14.10 14.20





#14

2,4,6-Tribromophenol

Concen: 0.413 ng

RT: 15.53 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BE097284.D

Acq: 15 Aug 2018 18:22

Instrument :

BNA_E

ClientSampleId :

MW-101S

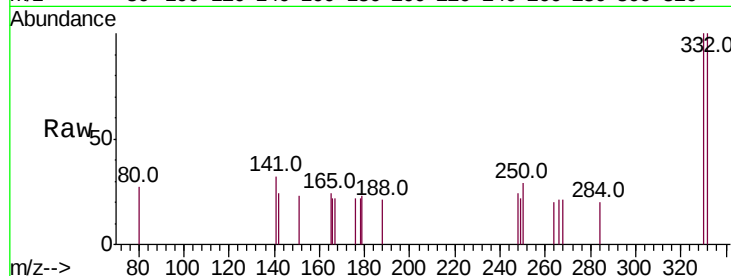
Tot Ion:330 Resp: 342

Ion Ratio Lower Upper

330 100

332 99.4 152.7 229.1#

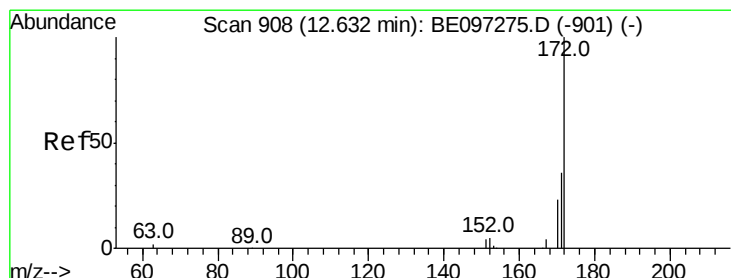
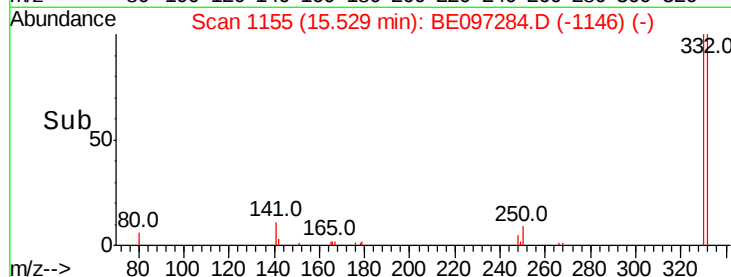
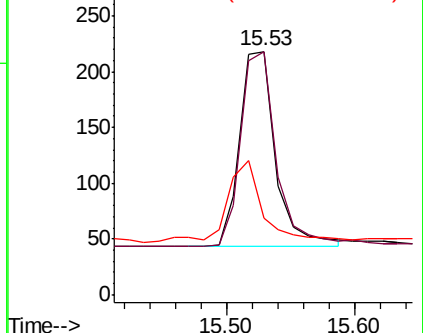
141 39.2 33.7 50.5



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: 0.541 ng

RT: 12.63 min Scan# 908

Delta R.T. 0.00 min

Lab File: BE097284.D

Acq: 15 Aug 2018 18:22

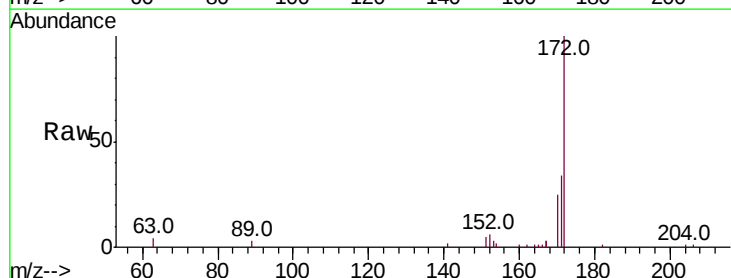
Tgt Ion:172 Resp: 5527

Ion Ratio Lower Upper

172 100

171 34.4 29.9 44.9

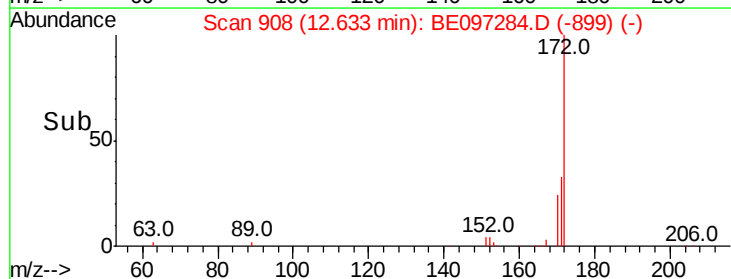
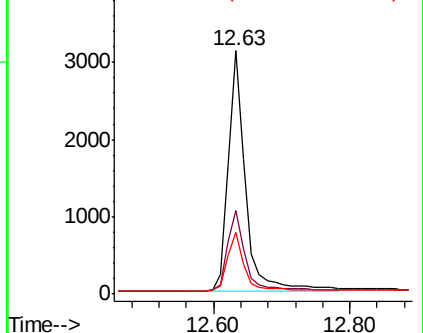
170 25.2 21.8 32.8

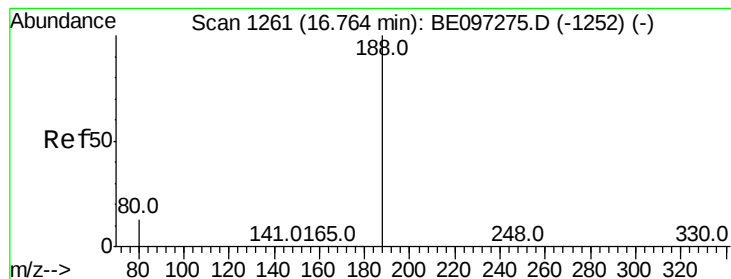


Abundance Ion 172.00 (171.70 to 172.70): E

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. -0.00 min

Lab File: BE097284.D

Acq: 15 Aug 2018 18:22

Instrument :

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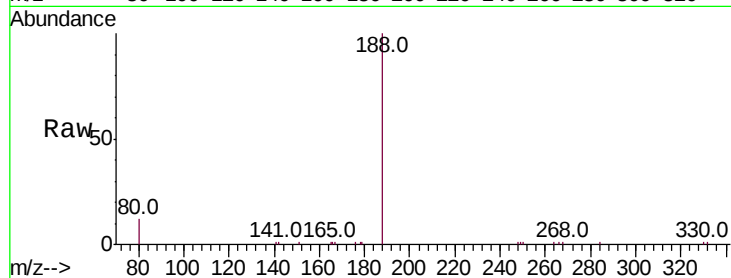
Tot Ion:188 Resp: 6652

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

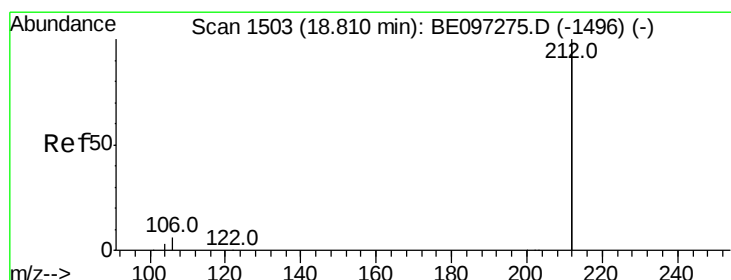
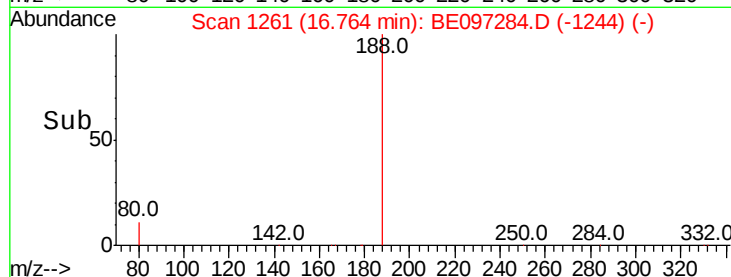
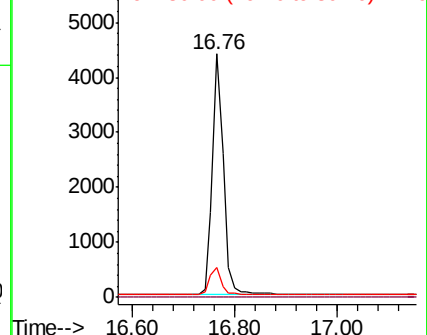
80 12.1 3.6 5.4#



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: 0.457 ng

RT: 18.81 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BE097284.D

Acq: 15 Aug 2018 18:22

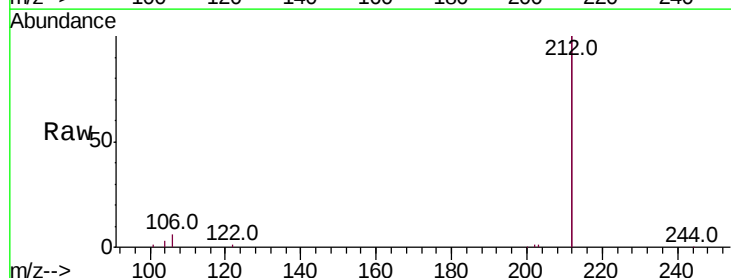
Tgt Ion:212 Resp: 30369

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

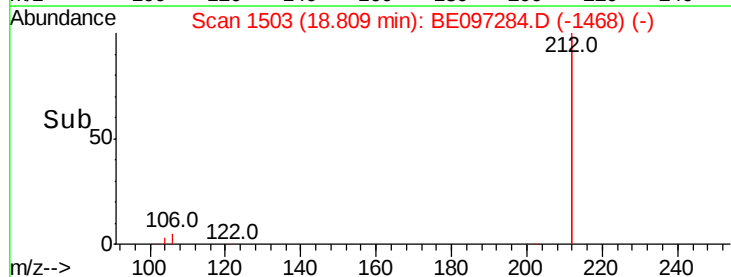
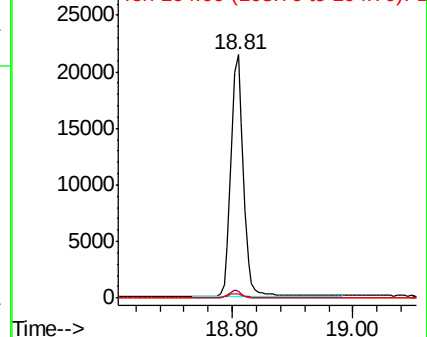
104 1.7 1.6 2.4

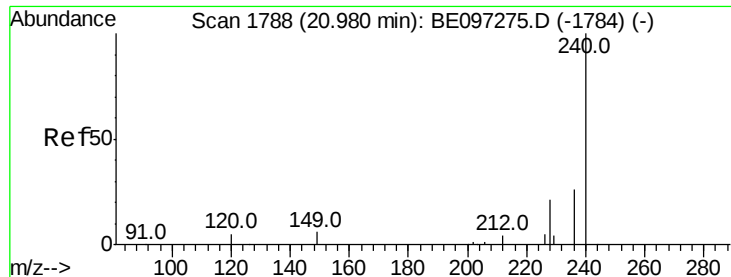


Abundance Ion 212.00 (211.70 to 212.70): E

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: 20.98 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BE097284.D

Acq: 15 Aug 2018 18:22

Instrument :

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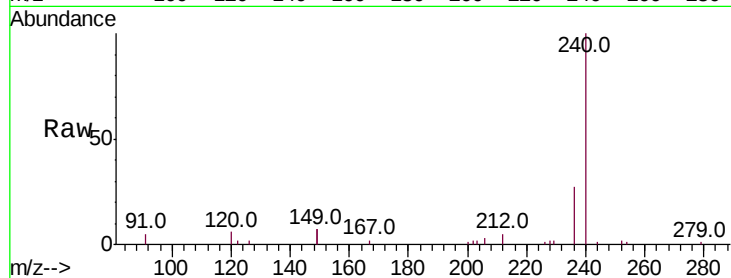
Tot Ion:240 Resp: 6349

Ion Ratio Lower Upper

240 100

120 6.1 5.5 8.3

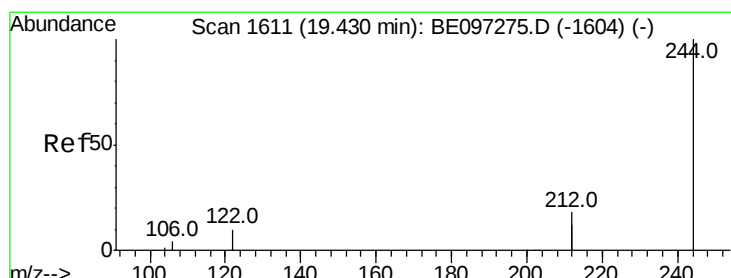
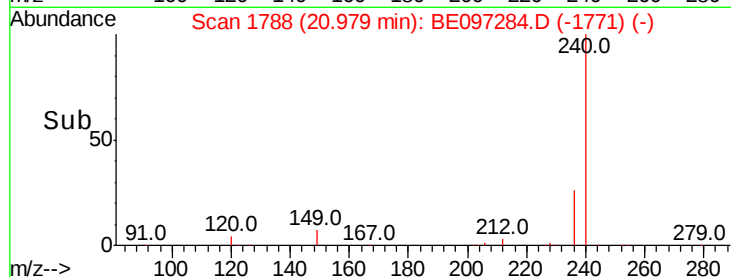
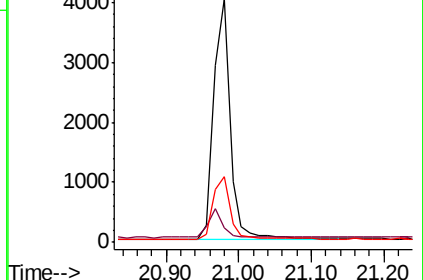
236 27.2 20.7 31.1



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: 0.473 ng

RT: 19.42 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BE097284.D

Acq: 15 Aug 2018 18:22

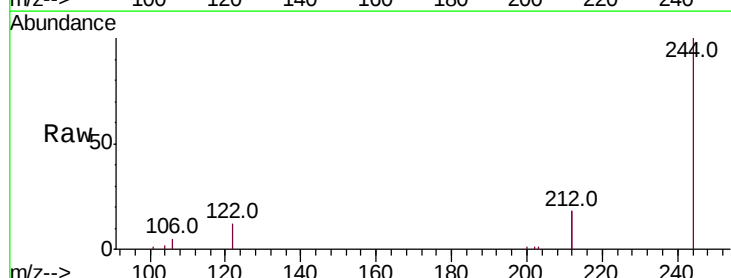
Tgt Ion:244 Resp: 5649

Ion Ratio Lower Upper

244 100

212 35.9 25.4 38.0

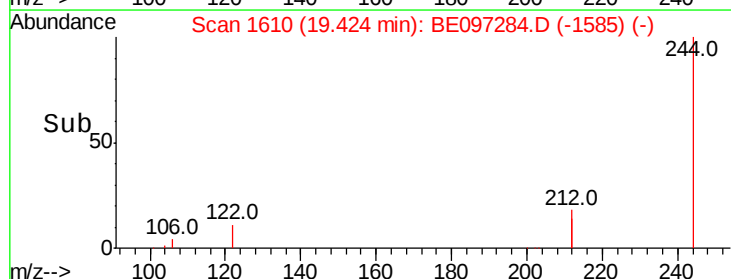
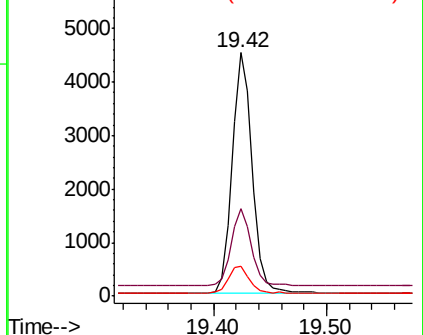
122 12.0 8.1 12.1

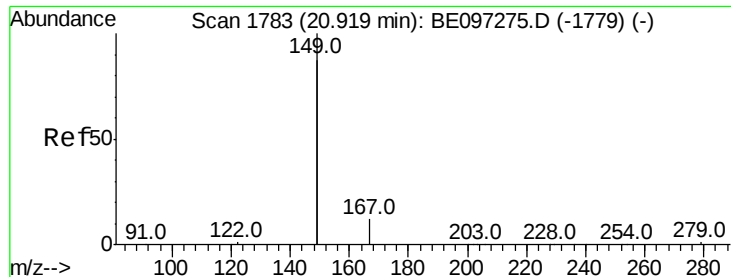


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.111 ng

RT: 20.92 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BE097284.D

Acq: 15 Aug 2018 18:22

Instrument :

BNA_E

ClientSampleId :

MW-101S

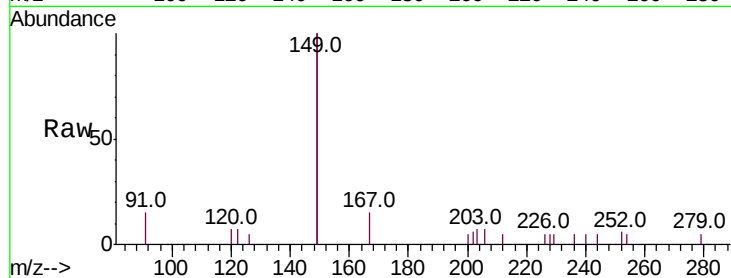
Tot Ion:149 Resp: 2285

Ion Ratio Lower Upper

149 100

167 5.7 5.4 8.0

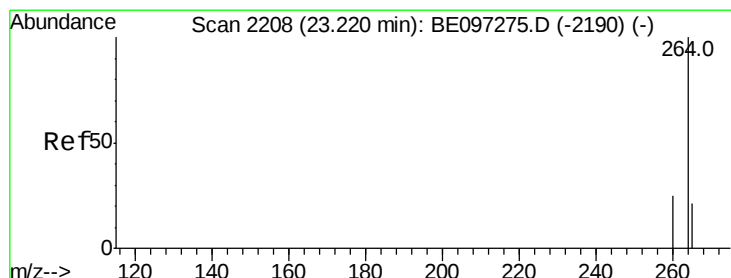
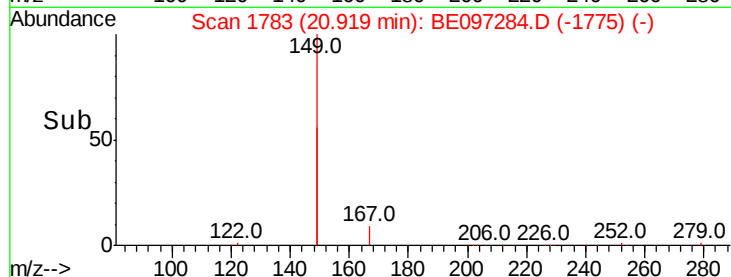
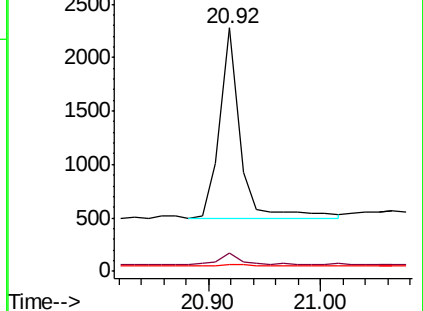
279 0.8 0.7 1.1



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: 23.21 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BE097284.D

Acq: 15 Aug 2018 18:22

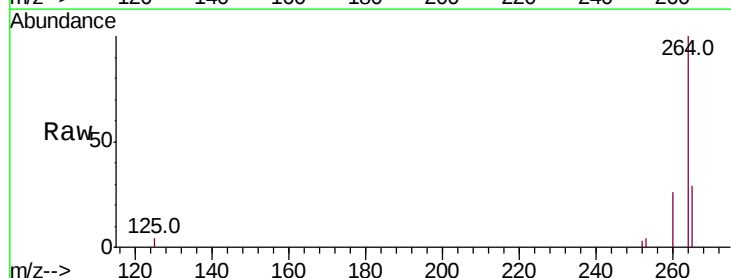
Tgt Ion:264 Resp: 6358

Ion Ratio Lower Upper

264 100

260 26.5 20.5 30.7

265 28.9 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

