

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
 Data File : BE097564.D
 Acq On : 20 Sep 2018 6:32
 Operator : SJ/JU
 Sample : J4958-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP03-20180915

Quant Time: Sep 20 08:12:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 19 16:26:00 2018
 Response via : Initial Calibration

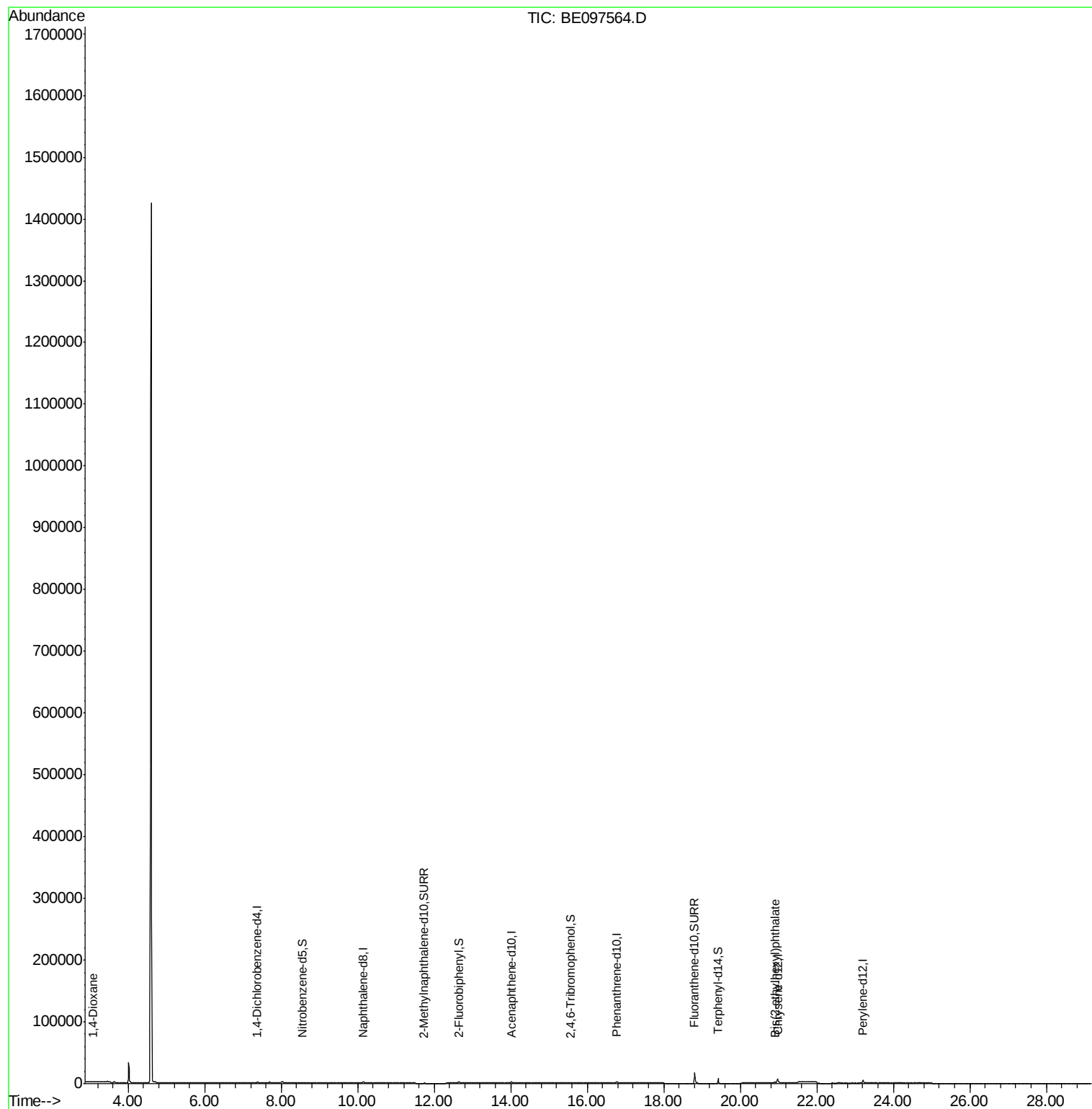
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	630	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	2956	0.40	ng	0.01
13) Acenaphthene-d10	14.01	164	1917	0.40	ng	0.01
19) Phenanthrene-d10	16.76	188	6314	0.40	ng	0.01
27) Chrysene-d12	20.98	240	7671	0.40	ng	0.01
34) Perylene-d12	23.21	264	7688	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	11	0.01	ng	0.02
5) Phenol-d6	6.58	99	3	0.00	ng	-0.01
8) Nitrobenzene-d5	8.55	82	706	0.31	ng	0.03
11) 2-Methylnaphthalene-d10	11.74	152	1657	0.41	ng	0.02
14) 2,4,6-Tribromophenol	15.56	330	21	0.12	ng	0.03
15) 2-Fluorobiphenyl	12.64	172	3604	0.53	ng	0.01
25) Fluoranthene-d10	18.80	212	31476	0.39	ng	0.00
29) Terphenyl-d14	19.42	244	7709	0.55	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.08	88	406	0.375	ng	# 88
32) Bis(2-ethylhexyl)phthalate	20.91	149	875	0.037	ng	# 99

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

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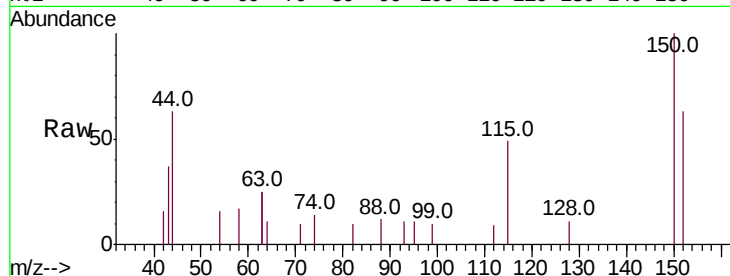


#1

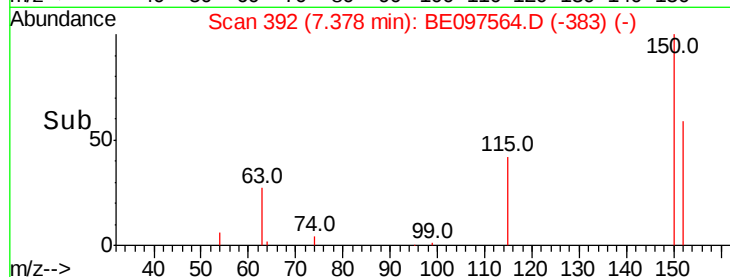
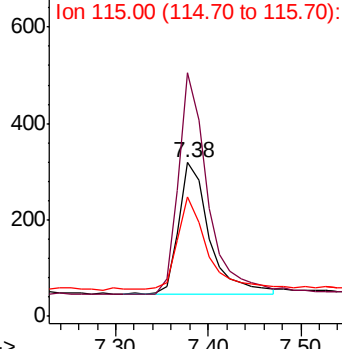
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097564.D
Acq: 20 Sep 2018 6:32

Instrument :
BNA_E
ClientSampleId :
BP-DUP03-20180915

Tot Ion:152 Resp: 630
Ion Ratio Lower Upper
152 100
150 158.3 117.2 175.8
115 77.4 57.0 85.6



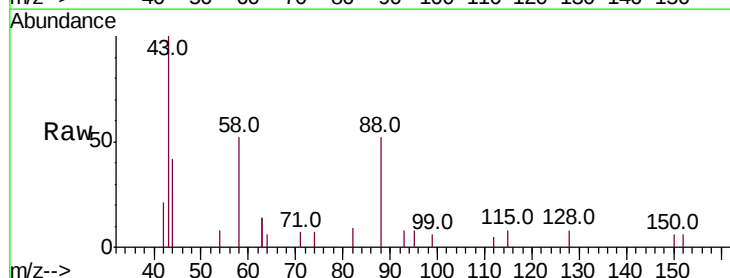
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



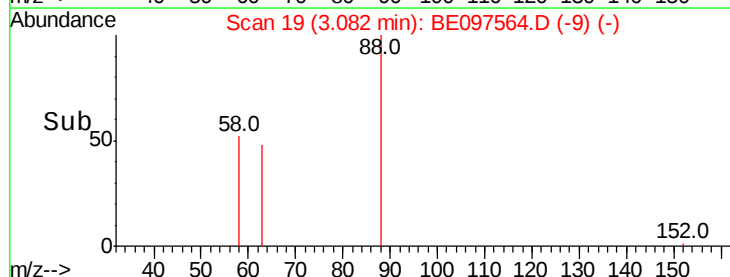
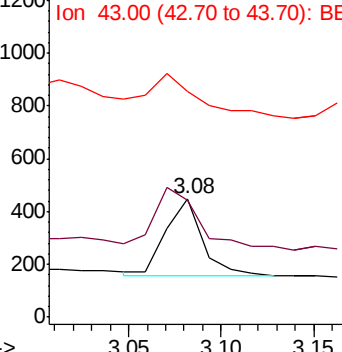
#2

1,4-Dioxane
Concen: 0.375 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097564.D
Acq: 20 Sep 2018 6:32

Tgt Ion: 88 Resp: 406
Ion Ratio Lower Upper
88 100
58 83.5 63.2 94.8
43 66.7 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: 0.006 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.02 min

Lab File: BE097564.D

Acq: 20 Sep 2018 6:32

Instrument :

BNA_E

ClientSampleId :

BP-DUP03-20180915

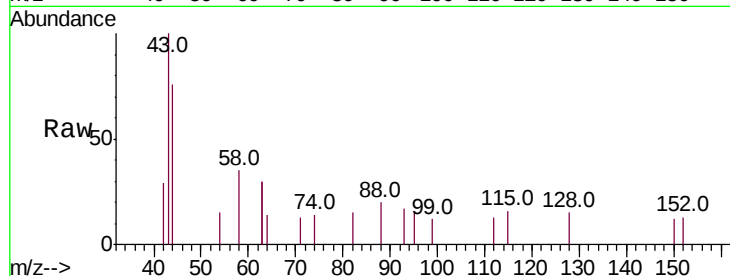
Tot Ion: 112 Resp: 11

Ion Ratio Lower Upper

112 100

64 0.0 60.1 90.1#

63 0.0 116.8 175.2#



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

300

250

200

150

100

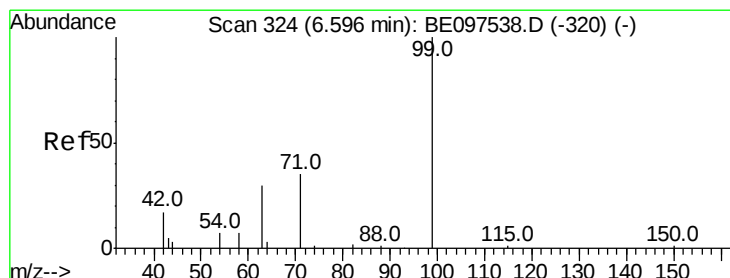
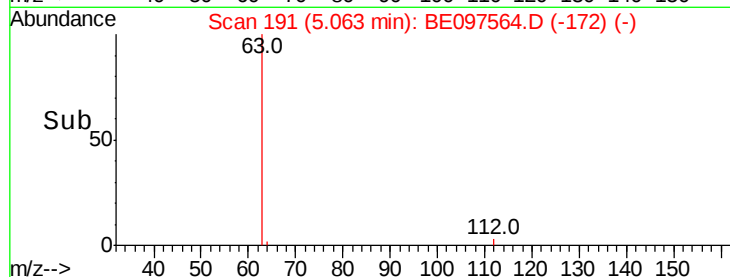
50

0

5.00 5.05 5.10

5.06

Time-->



#5

Phenol-d6

Concen: 0.001 ng

RT: 6.58 min Scan# 323

Delta R.T. -0.01 min

Lab File: BE097564.D

Acq: 20 Sep 2018 6:32

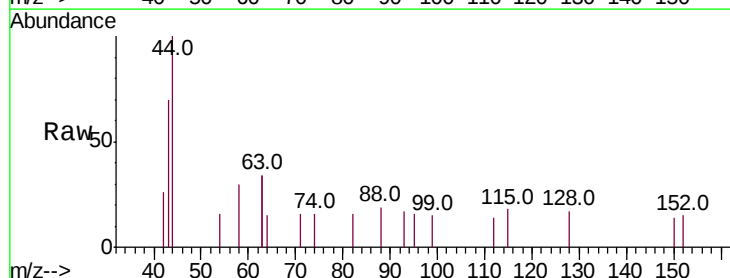
Tgt Ion: 99 Resp: 3

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

71 0.0 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

120

100

80

60

40

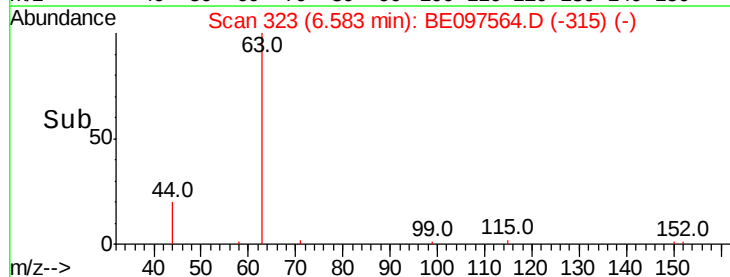
20

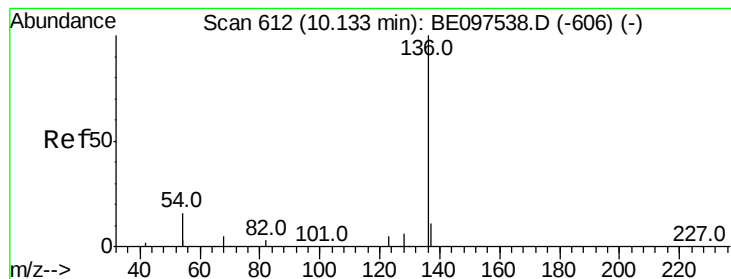
0

6.56 6.58 6.60

6.58

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097564.D

Acq: 20 Sep 2018 6:32

Instrument :

BNA_E

ClientSampleId :

BP-DUP03-20180915

Tot Ion:136 Resp: 2956

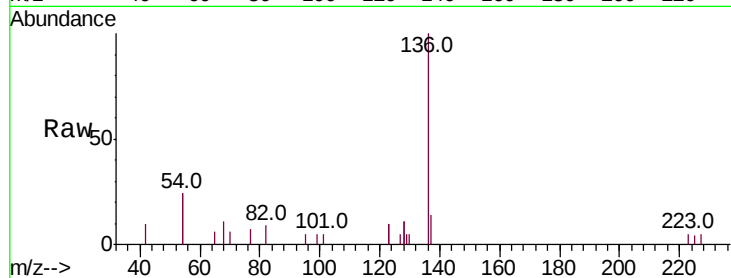
Ion Ratio Lower Upper

136 100

137 13.9 9.5 14.3

54 48.4 29.1 43.7#

68 10.9 6.2 9.2#

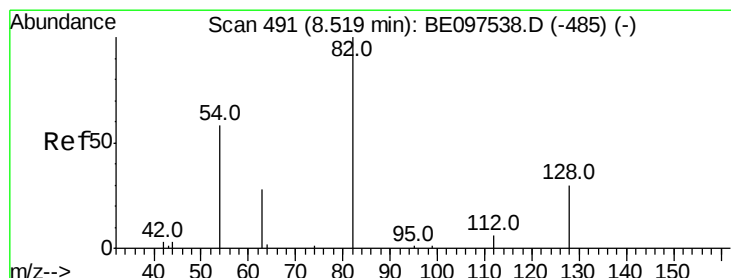
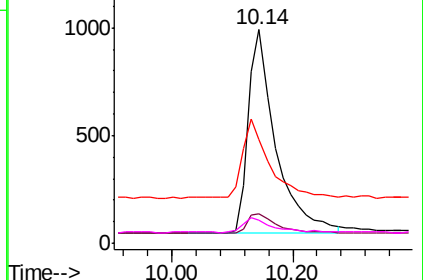
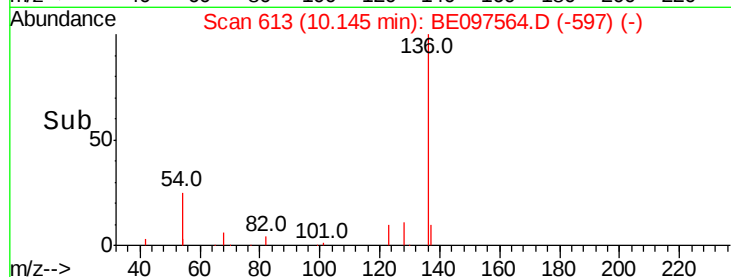


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.309 ng

RT: 8.55 min Scan# 494

Delta R.T. 0.03 min

Lab File: BE097564.D

Acq: 20 Sep 2018 6:32

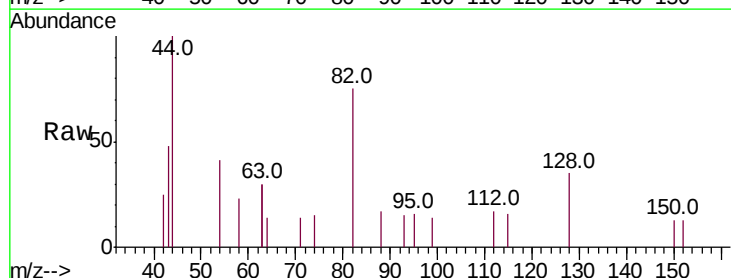
Tgt Ion: 82 Resp: 706

Ion Ratio Lower Upper

82 100

128 45.9 24.0 36.0#

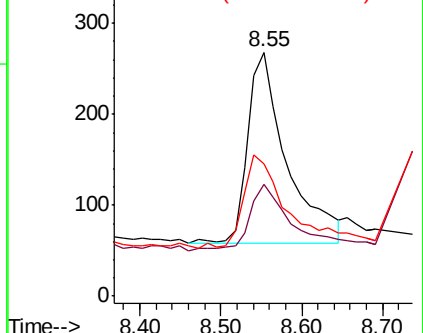
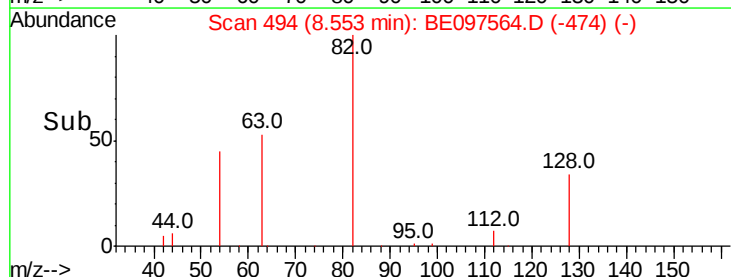
54 54.5 40.0 60.0

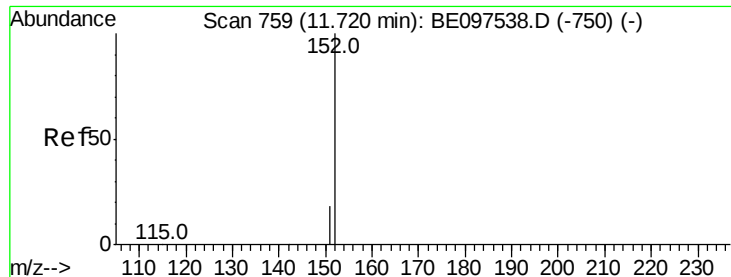


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

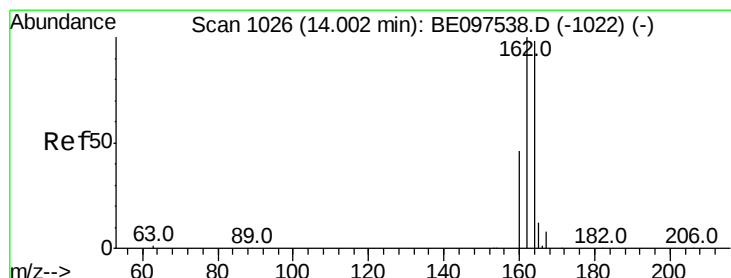
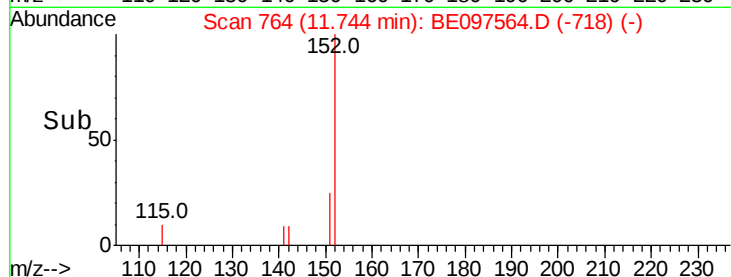
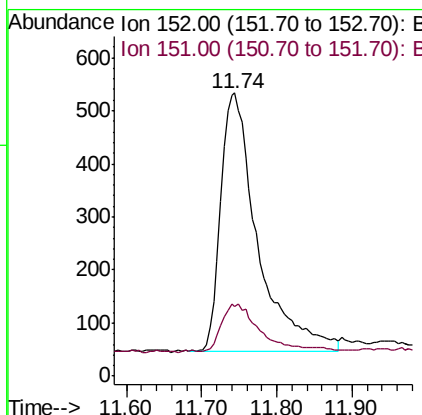
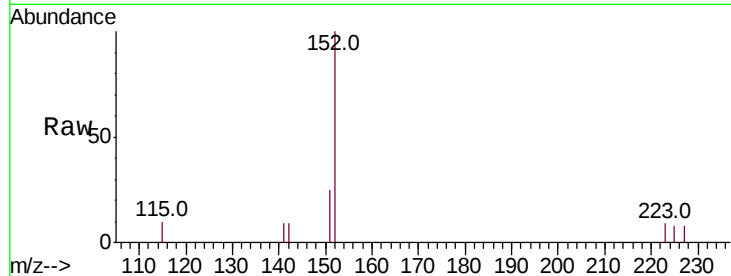




#11
2-Methylnaphthalene-d10
Concen: 0.407 ng
RT: 11.74 min Scan# 764
Delta R.T. 0.02 min
Lab File: BE097564.D
Acq: 20 Sep 2018 6:32

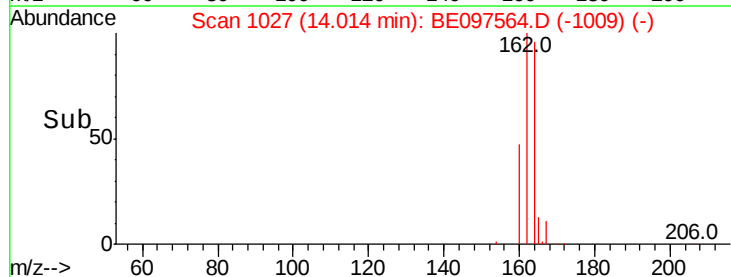
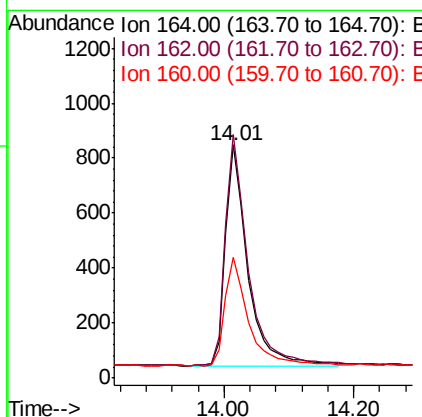
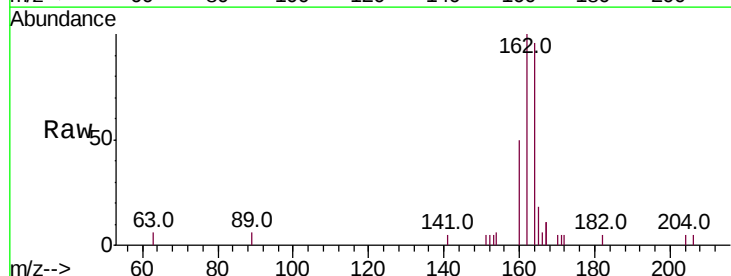
Instrument :
BNA_E
ClientSampleId :
BP-DUP03-20180915

Tot Ion:152 Resp: 1657
Ion Ratio Lower Upper
152 100
151 19.0 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE097564.D
Acq: 20 Sep 2018 6:32

Tgt Ion:164 Resp: 1917
Ion Ratio Lower Upper
164 100
162 104.6 83.1 124.7
160 51.9 37.1 55.7





#14

2,4,6-Tribromophenol

Concen: 0.124 ng

RT: 15.56 min Scan# 1157

Delta R.T. 0.03 min

Lab File: BE097564.D

Acq: 20 Sep 2018 6:32

Instrument :

BNA_E

ClientSampleId :

BP-DUP03-20180915

Tot Ion:330 Resp: 21

Ion Ratio Lower Upper

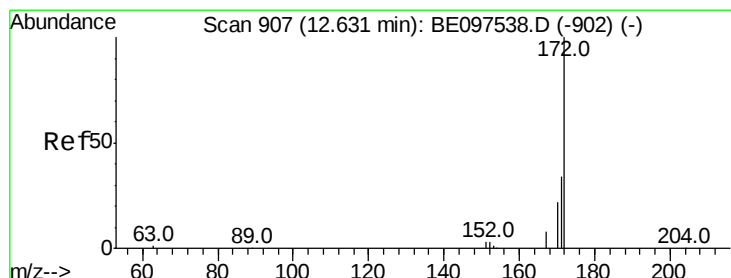
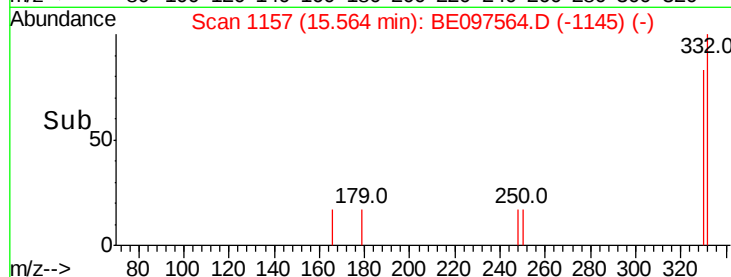
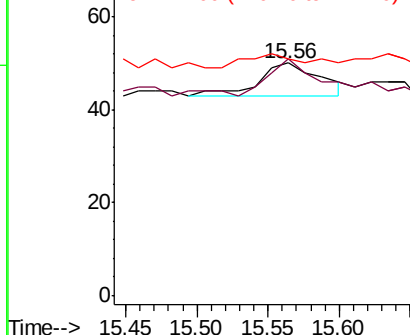
330 100

332 76.2 152.7 229.1#

141 33.3 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: 0.532 ng

RT: 12.64 min Scan# 908

Delta R.T. 0.01 min

Lab File: BE097564.D

Acq: 20 Sep 2018 6:32

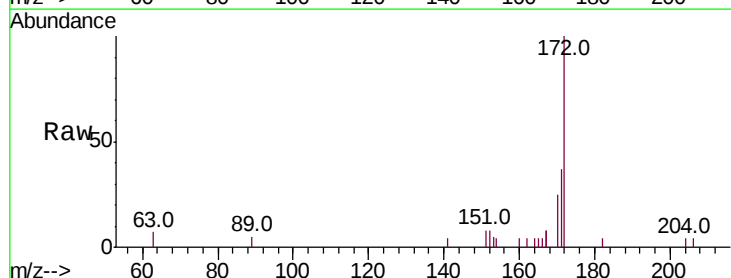
Tgt Ion:172 Resp: 3604

Ion Ratio Lower Upper

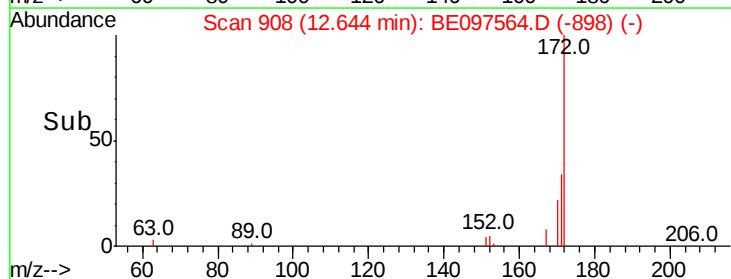
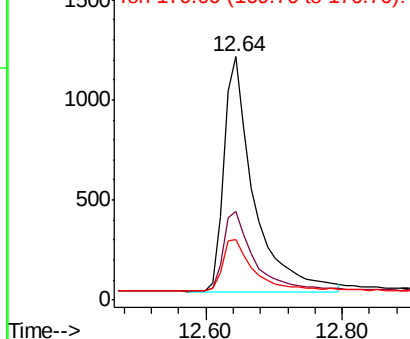
172 100

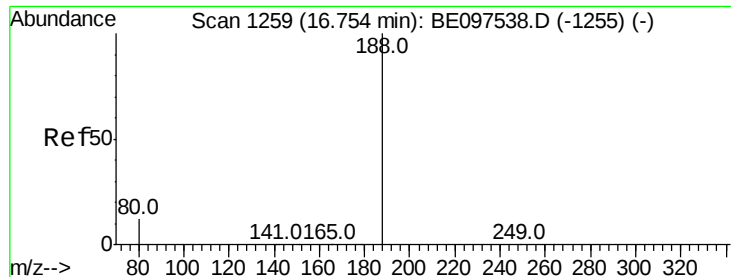
171 36.6 29.9 44.9

170 25.0 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# 1260

Delta R.T. 0.01 min

Lab File: BE097564.D

Acq: 20 Sep 2018 6:32

Instrument :

BNA_E

ClientSampleId :

BP-DUP03-20180915

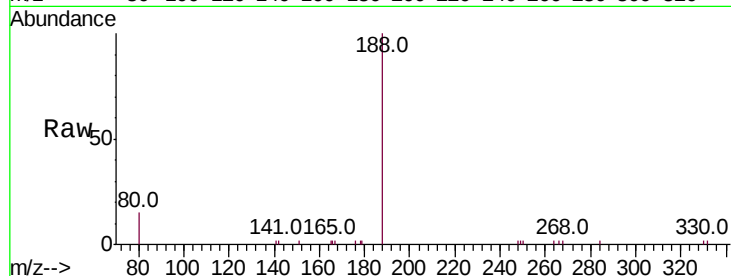
Tot Ion:188 Resp: 6314

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

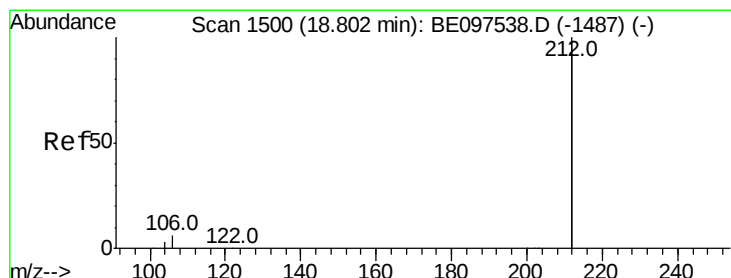
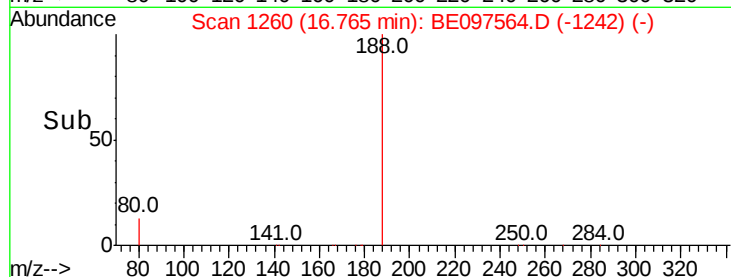
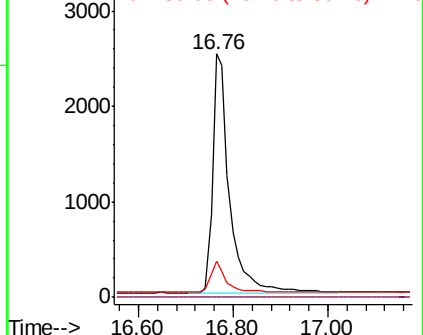
80 14.8 3.6 5.4#



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: 0.389 ng

RT: 18.80 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BE097564.D

Acq: 20 Sep 2018 6:32

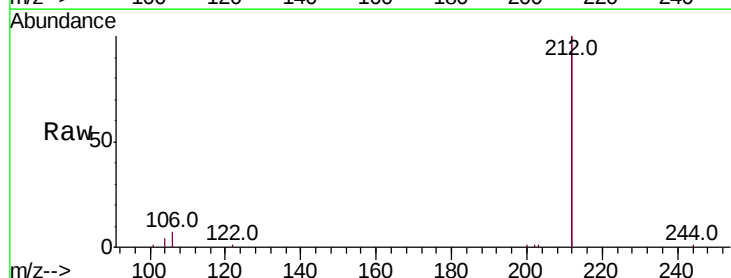
Tgt Ion:212 Resp: 31476

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

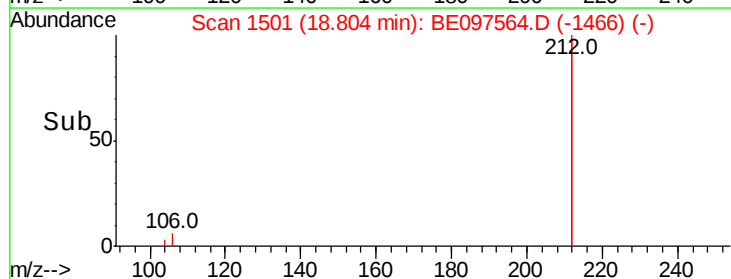
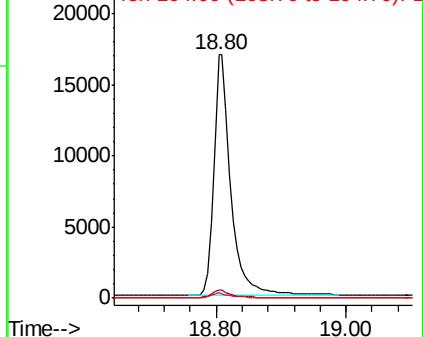
104 1.7 1.6 2.4



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# 1787

Delta R.T. 0.01 min

Lab File: BE097564.D

Acq: 20 Sep 2018 6:32

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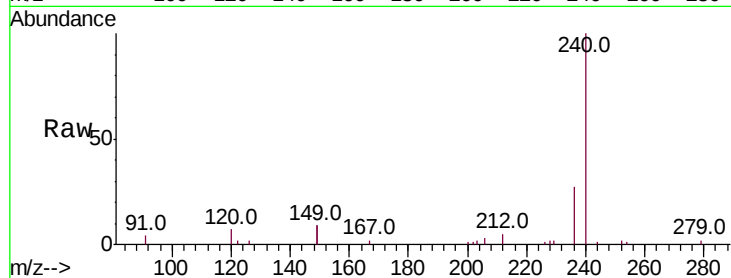
Tot Ion:240 Resp: 7671

Ion Ratio Lower Upper

240 100

120 7.0 5.5 8.3

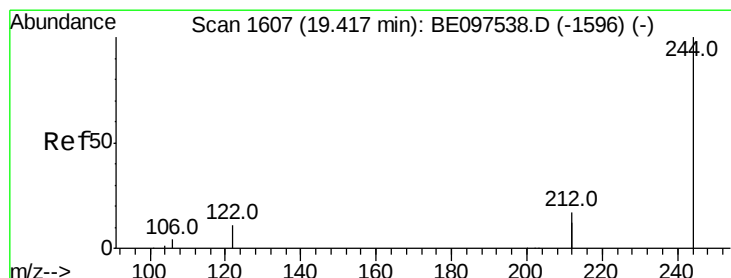
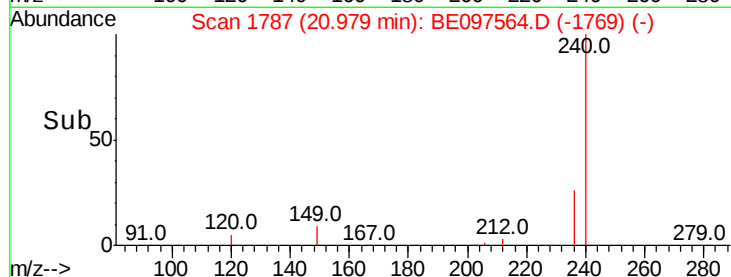
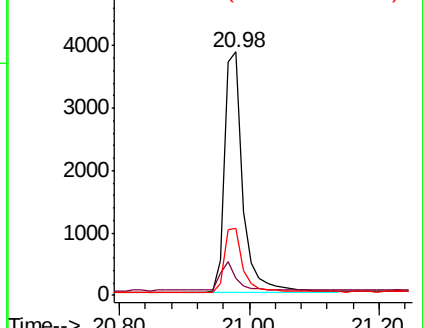
236 27.4 20.7 31.1



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: 0.549 ng

RT: 19.42 min Scan# 1608

Delta R.T. 0.00 min

Lab File: BE097564.D

Acq: 20 Sep 2018 6:32

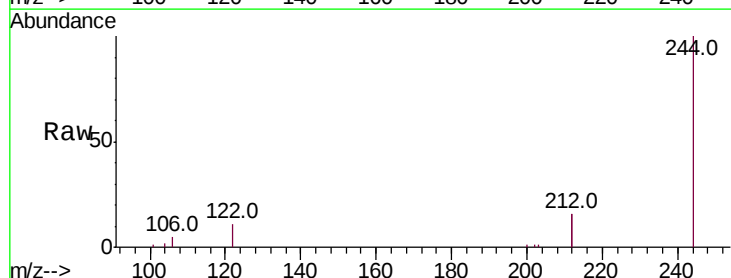
Tgt Ion:244 Resp: 7709

Ion Ratio Lower Upper

244 100

212 32.3 25.4 38.0

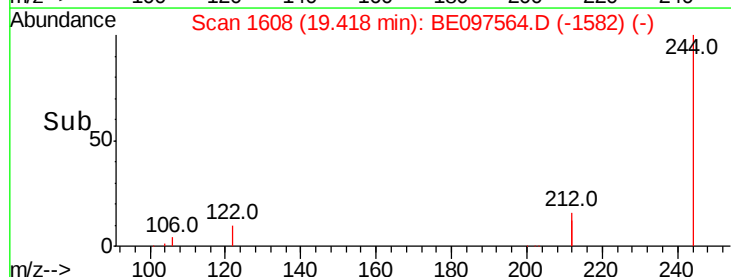
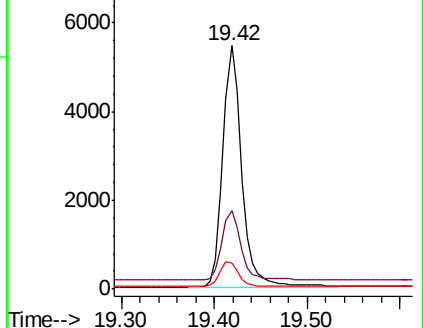
122 10.8 8.1 12.1



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: 0.037 ng

RT: 20.91 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE097564.D

Acq: 20 Sep 2018 6:32

Instrument :

BNA_E

ClientSampleId :

BP-DUP03-20180915

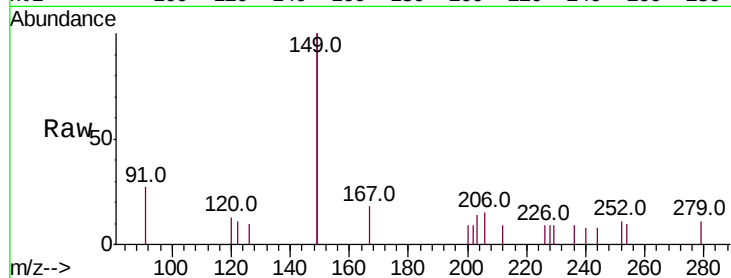
Tot Ion:149 Resp: 875

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

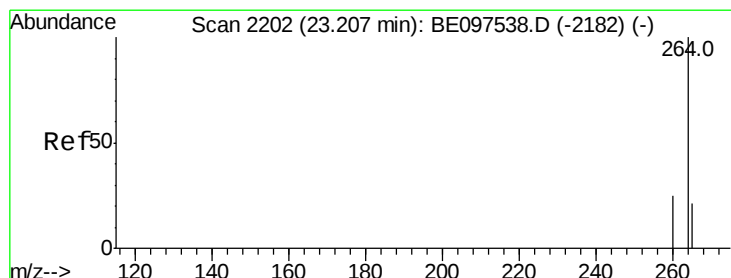
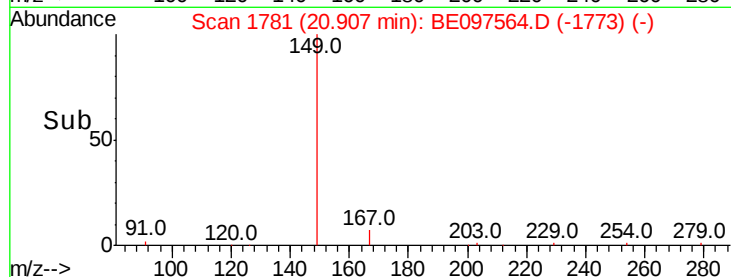
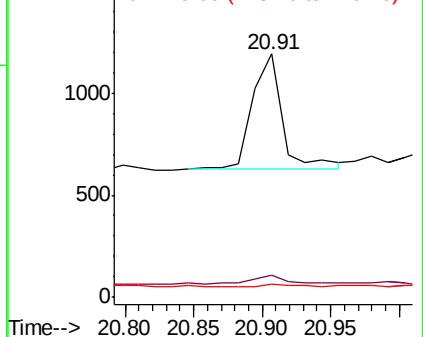
279 1.4 0.7 1.1#



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# 2203

Delta R.T. -0.00 min

Lab File: BE097564.D

Acq: 20 Sep 2018 6:32

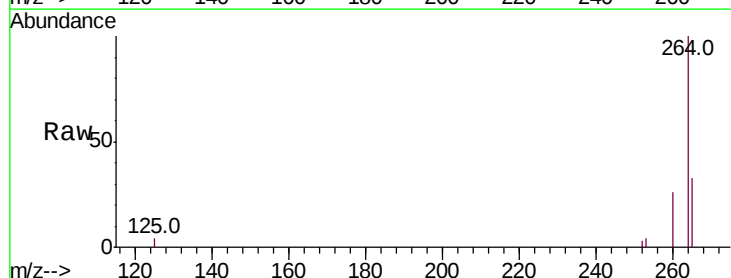
Tgt Ion:264 Resp: 7688

Ion Ratio Lower Upper

264 100

260 25.7 20.5 30.7

265 33.1 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

