

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100518\
 Data File : BE097753.D
 Acq On : 5 Oct 2018 13:59
 Operator : SJ/JU
 Sample : J5189-08DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-105D2-20180927DL

Quant Time: Oct 05 16:27:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 03 12:17:19 2018
 Response via : Initial Calibration

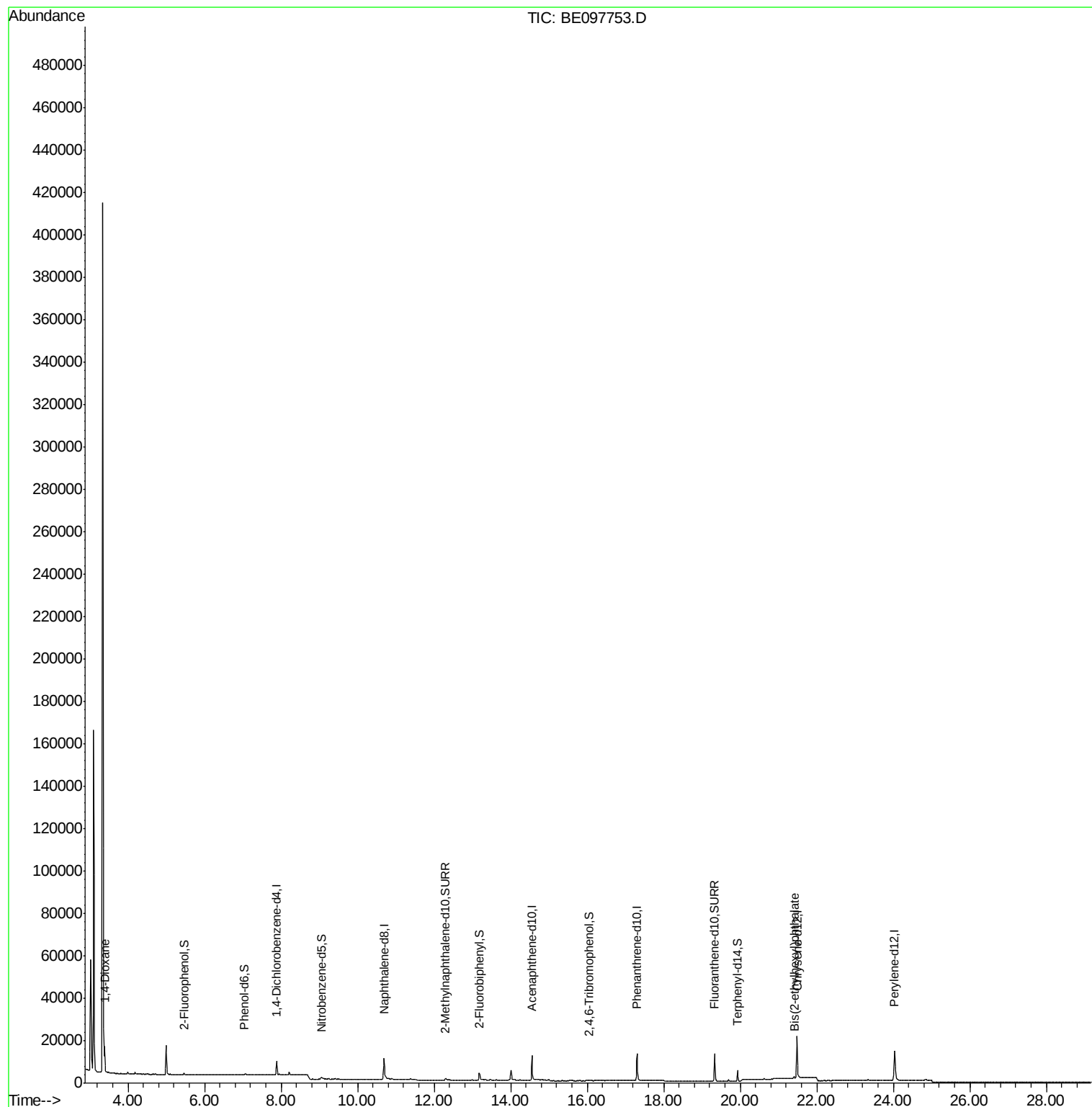
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3067	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	12382	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	7155	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	20291	0.40	ng	0.00
27) Chrysene-d12	21.49	240	23584	0.40	ng	0.00
34) Perylene-d12	24.03	264	23055	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	349	0.05	ng	0.00
5) Phenol-d6	7.05	99	466	0.04	ng	0.00
8) Nitrobenzene-d5	9.06	82	616	0.15	ng	0.01
11) 2-Methylnaphthalene-d10	12.30	152	1545	0.08	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	115	0.09	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	4313	0.14	ng	-0.02
25) Fluoranthene-d10	19.33	212	20401	0.08	ng	0.00
29) Terphenyl-d14	19.93	244	4791	0.10	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.40	88	7052	1.154	ng	97
32) Bis(2-ethylhexyl)phthalate	21.42	149	1636	0.035	ng	# 93

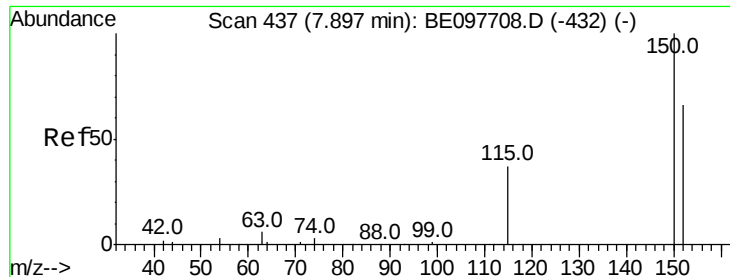
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 03 12:17:19 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.89 min Scan# 436

Delta R.T. -0.01 min

Lab File: BE097753.D

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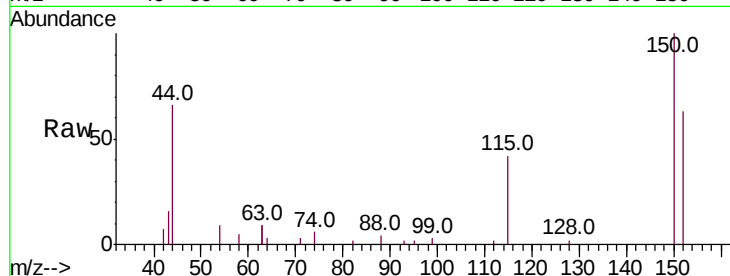
Tot Ion:152 Resp: 3067

Ion Ratio Lower Upper

152 100

150 159.5 120.9 181.3

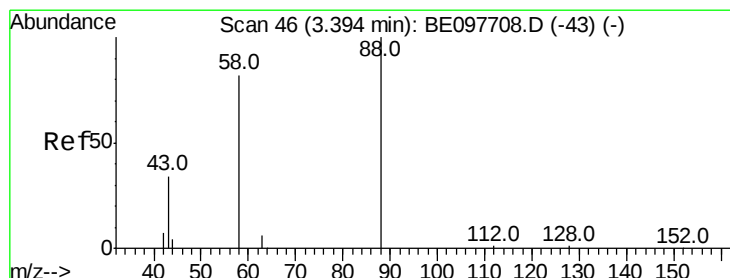
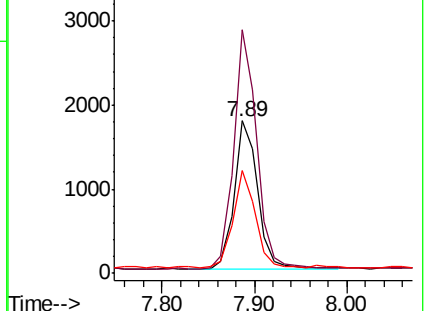
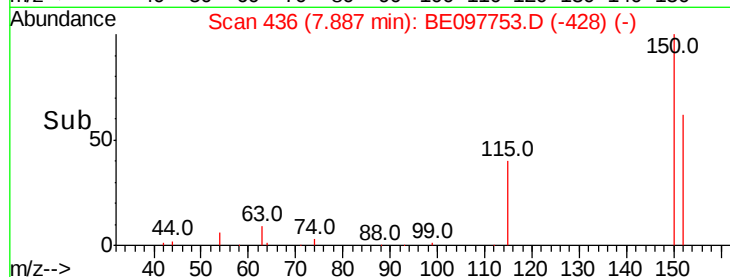
115 67.3 46.6 69.8



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: 1.154 ng

RT: 3.40 min Scan# 46

Delta R.T. 0.00 min

Lab File: BE097753.D

Acq: 5 Oct 2018 13:59

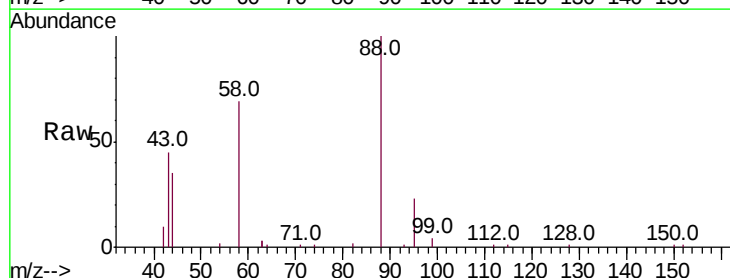
Tgt Ion: 88 Resp: 7052

Ion Ratio Lower Upper

88 100

58 86.0 70.8 106.2

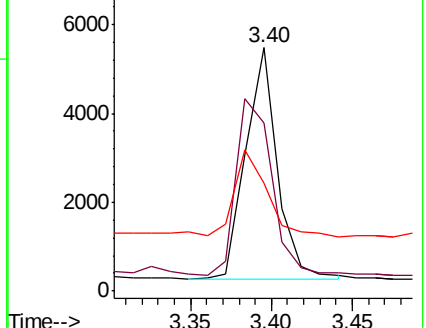
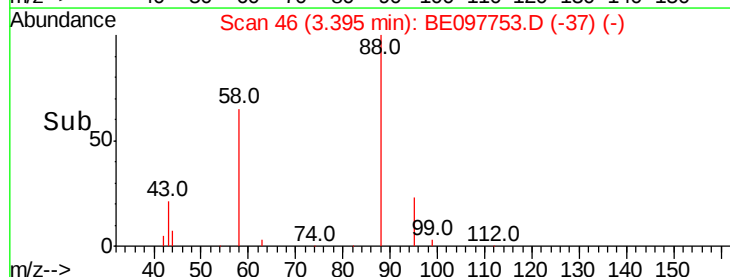
43 39.2 33.3 49.9

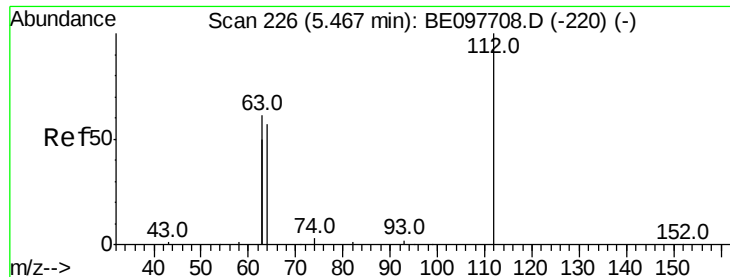


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.048 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.00 min

Lab File: BE097753.D

Acq: 5 Oct 2018 13:59

Instrument :

BNA_E

ClientSampleId :

RE-105D2-20180927DL

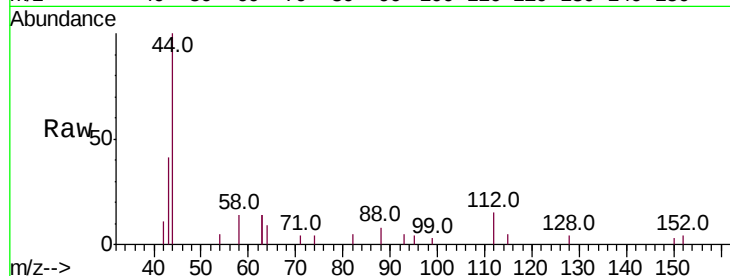
Tot Ion: 112 Resp: 349

Ion Ratio Lower Upper

112 100

64 73.6 56.6 84.8

63 143.8 119.4 179.0



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

800

600

400

200

0

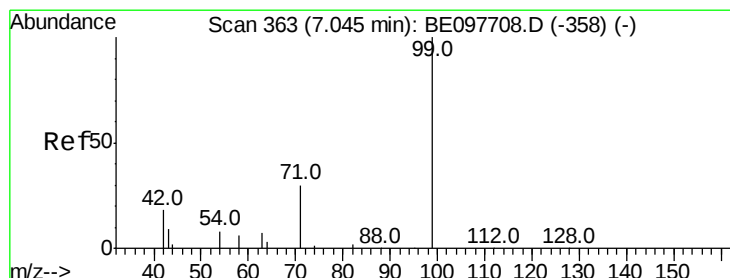
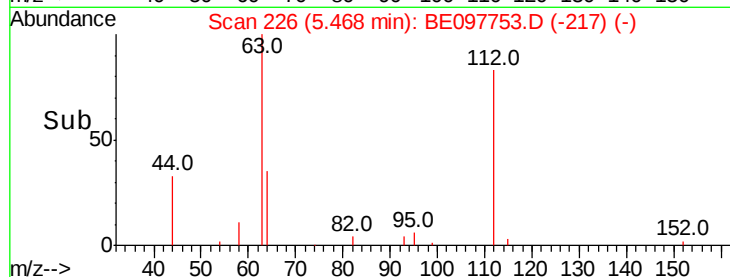
5.30

5.40

5.50

5.60

Time-->



#5

Phenol-d6

Concen: 0.042 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE097753.D

Acq: 5 Oct 2018 13:59

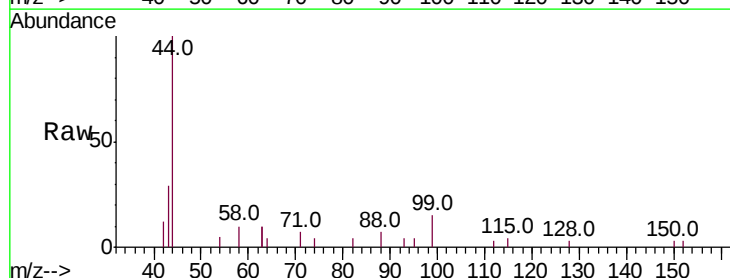
Tgt Ion: 99 Resp: 466

Ion Ratio Lower Upper

99 100

42 65.2 19.9 29.9#

71 39.9 25.4 38.2#



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

300

200

100

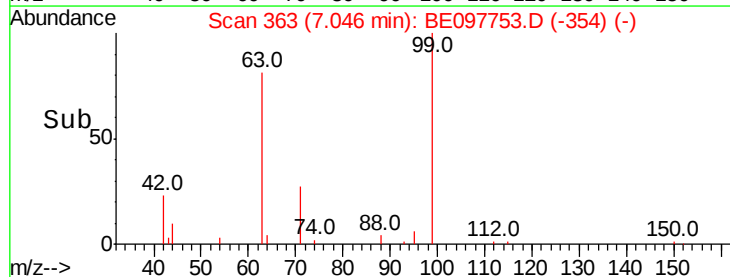
0

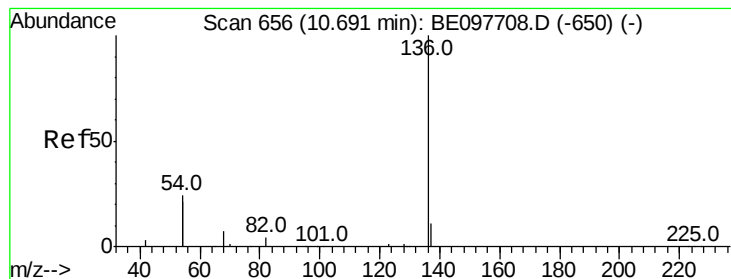
7.00

7.10

7.20

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097753.D

Acq: 5 Oct 2018 13:59

Instrument :

BNA_E

ClientSampleId :

RE-105D2-20180927DL

Tot Ion:136 Resp: 12382

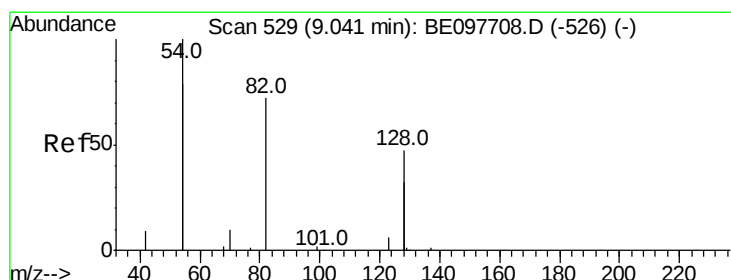
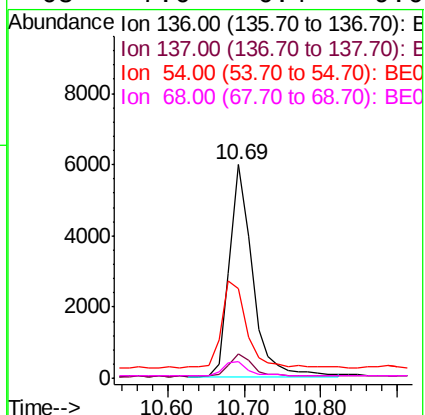
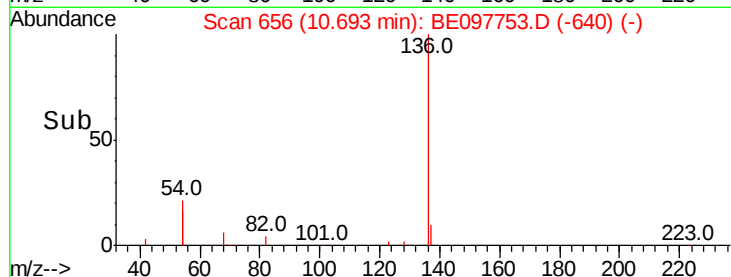
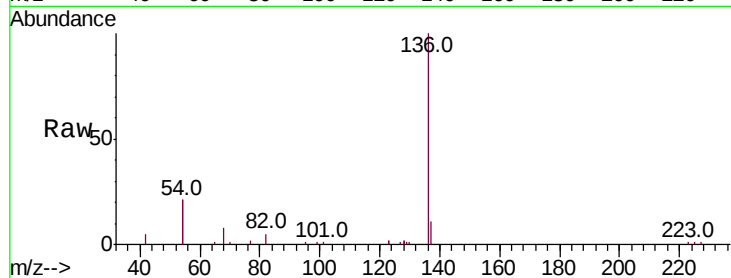
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 42.2 37.8 56.6

68 7.6 6.4 9.6



#8

Nitrobenzene-d5

Concen: 0.153 ng

RT: 9.06 min Scan# 530

Delta R.T. 0.01 min

Lab File: BE097753.D

Acq: 5 Oct 2018 13:59

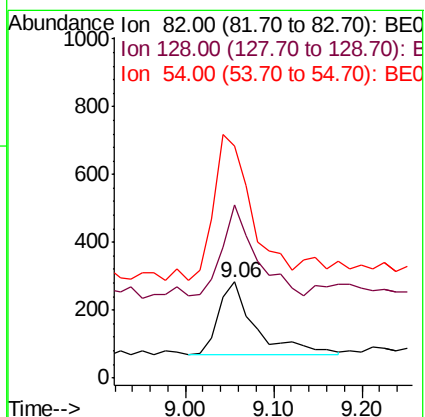
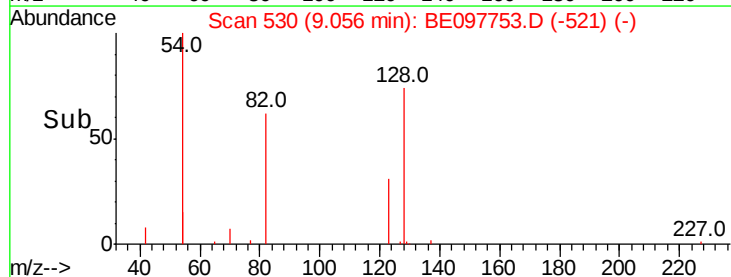
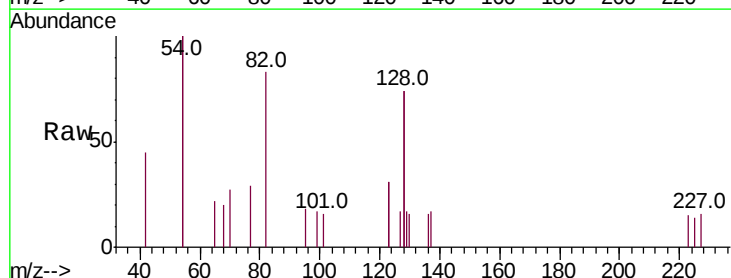
Tgt Ion: 82 Resp: 616

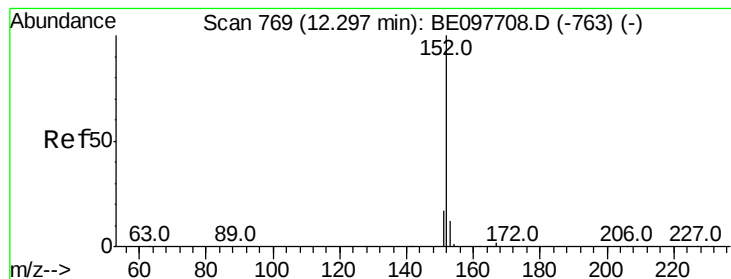
Ion Ratio Lower Upper

82 100

128 180.2 97.0 145.4#

54 242.4 206.9 310.3





#11

2-Methylnaphthalene-d10

Concen: 0.078 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097753.D

Acq: 5 Oct 2018 13:59

Instrument :

BNA_E

ClientSampleId :

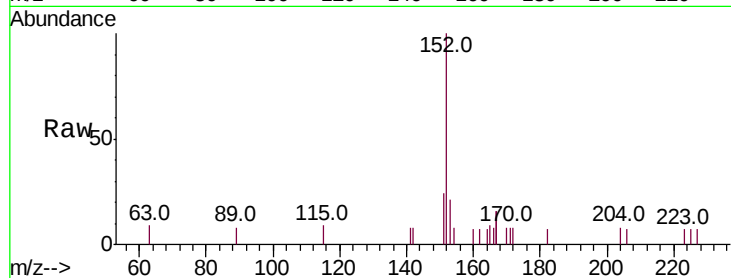
RE-105D2-20180927DL

Tot Ion:152 Resp: 1545

Ion Ratio Lower Upper

152 100

151 21.4 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.30

800

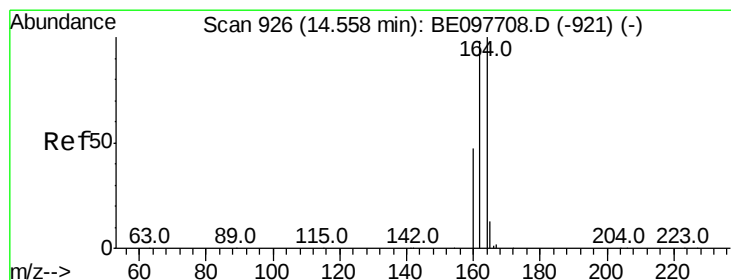
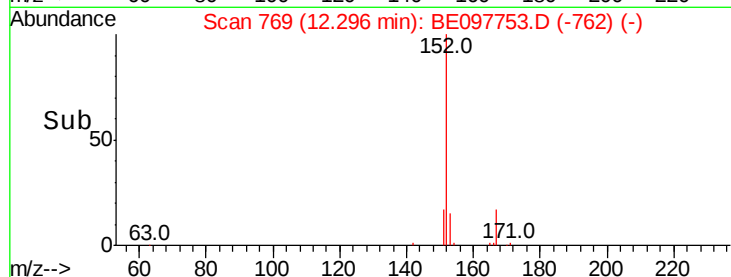
600

400

200

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE097753.D

Acq: 5 Oct 2018 13:59

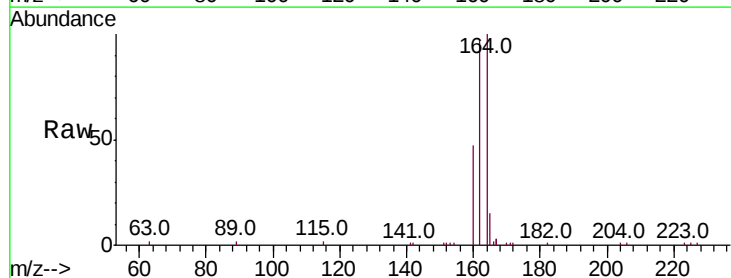
Tgt Ion:164 Resp: 7155

Ion Ratio Lower Upper

164 100

162 96.5 78.6 117.8

160 47.4 37.8 56.6



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

6000

5000

4000

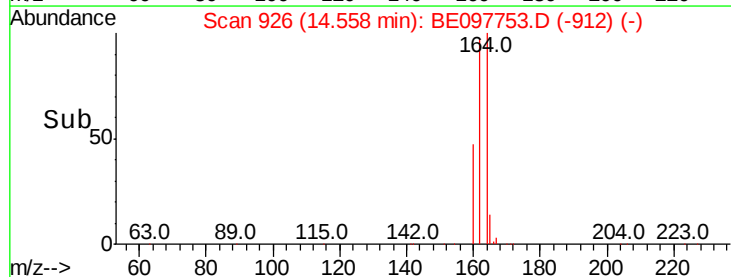
3000

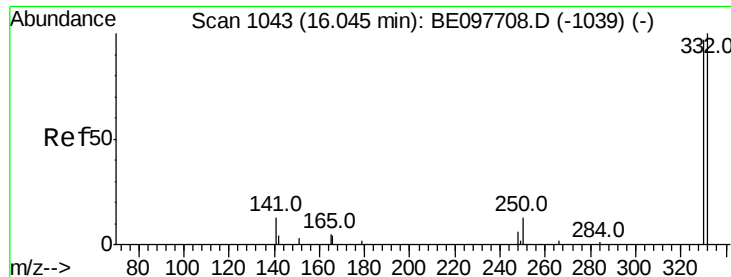
2000

1000

0

Time-->

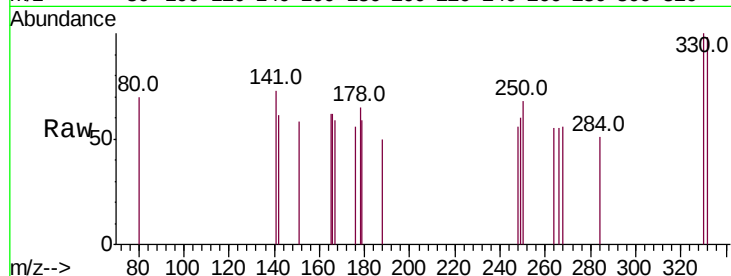




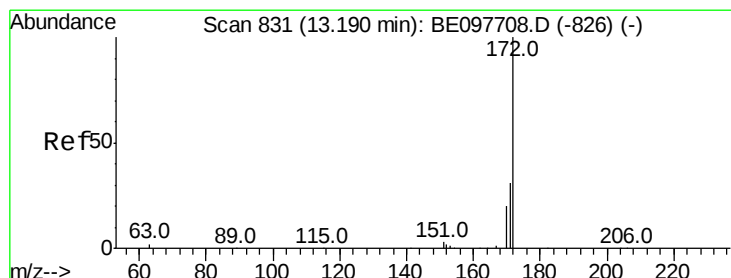
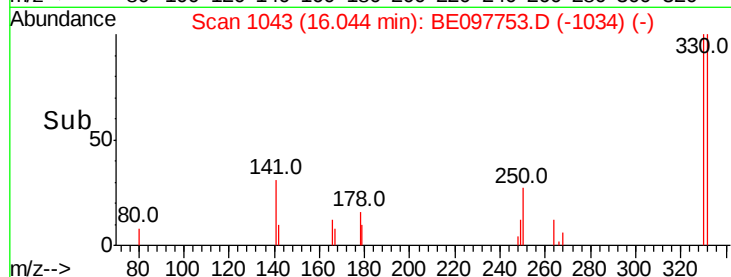
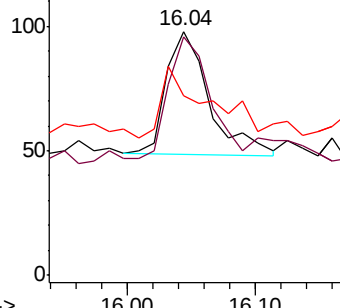
#14
 2,4,6-Tribromophenol
 Concen: 0.089 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BE097753.D
 Acq: 5 Oct 2018 13:59

Instrument :
 BNA_E
 ClientSampleId :
 RE-105D2-20180927DL

Tot Ion:330 Resp: 115
 Ion Ratio Lower Upper
 330 100
 332 95.7 83.5 125.3
 141 80.0 34.9 52.3#

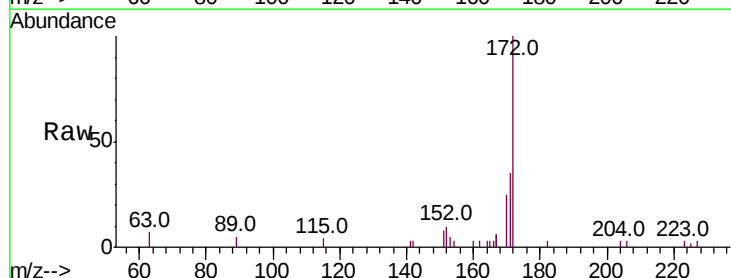


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

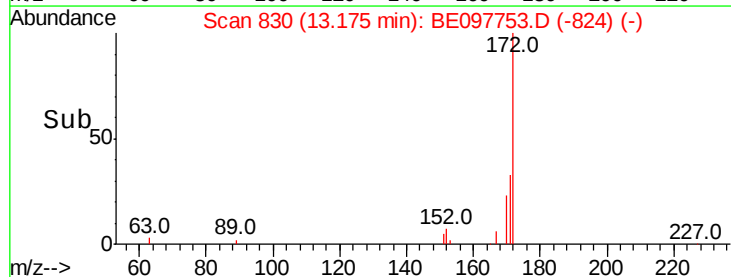
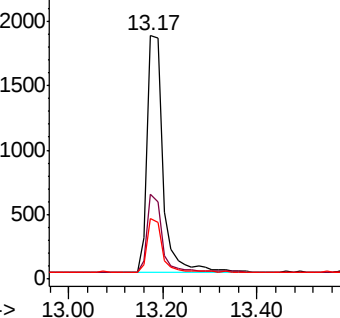


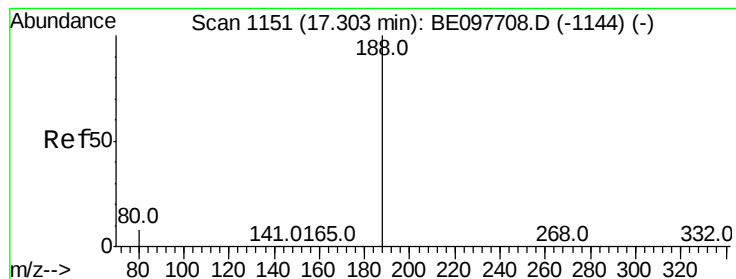
#15
 2-Fluorobiphenyl
 Concen: 0.137 ng
 RT: 13.17 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BE097753.D
 Acq: 5 Oct 2018 13:59

Tgt Ion:172 Resp: 4313
 Ion Ratio Lower Upper
 172 100
 171 34.7 25.2 37.8
 170 24.8 16.2 24.2#



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: 17.30 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE097753.D

Acq: 5 Oct 2018 13:59

Instrument :

BNA_E

ClientSampleId :

RE-105D2-20180927DL

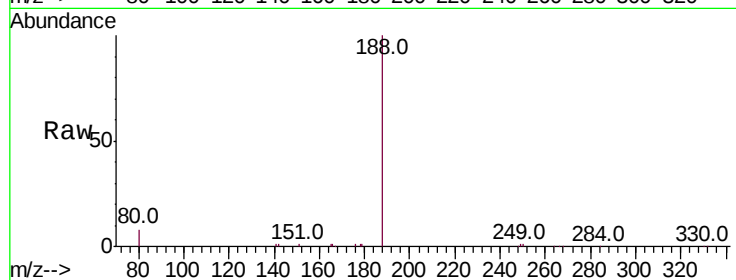
Tot Ion:188 Resp: 20291

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

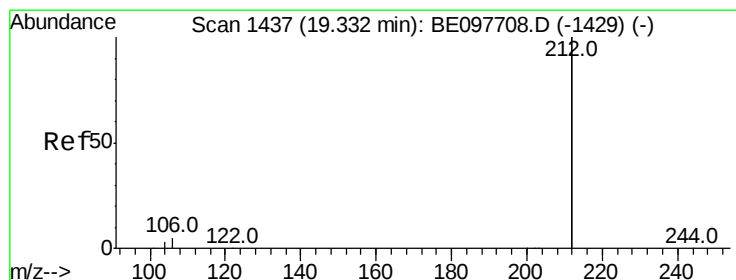
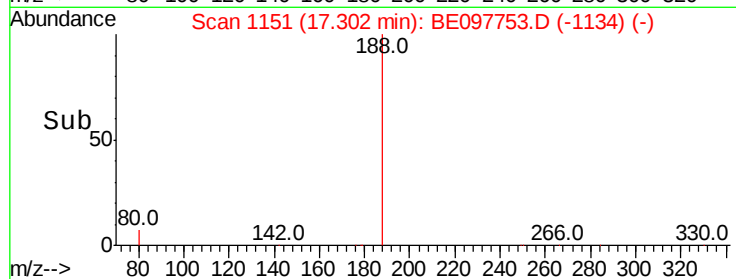
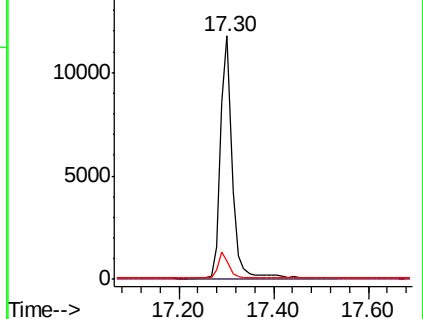
80 7.7 6.6 9.8



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: 0.079 ng

RT: 19.33 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BE097753.D

Acq: 5 Oct 2018 13:59

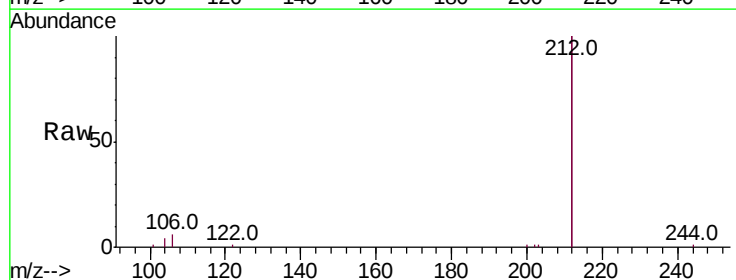
Tgt Ion:212 Resp: 20401

Ion Ratio Lower Upper

212 100

106 2.9 2.2 3.2

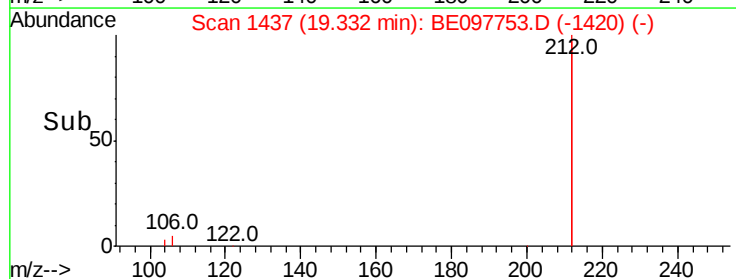
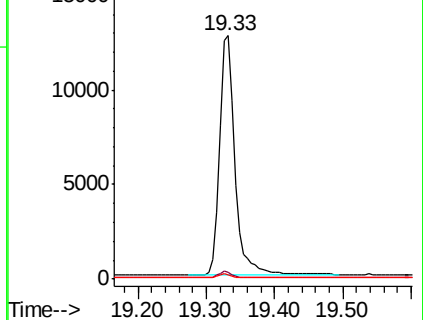
104 1.5 1.2 1.8

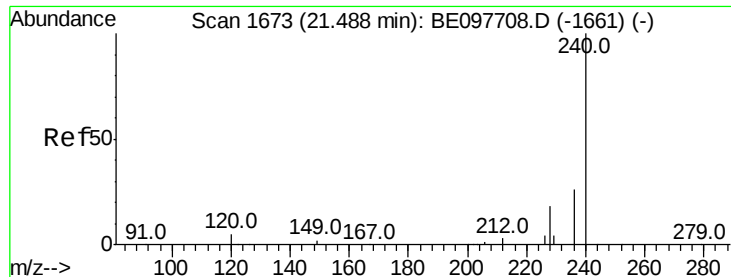


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

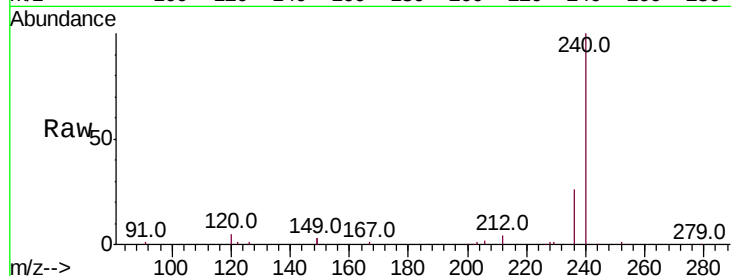




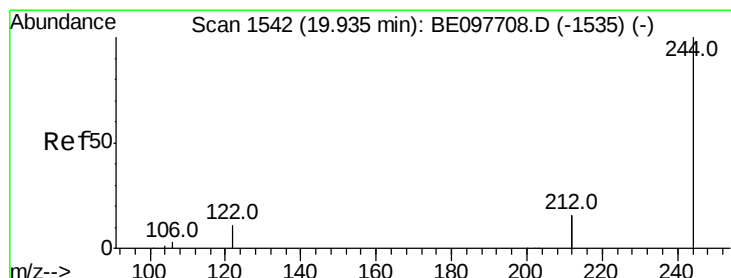
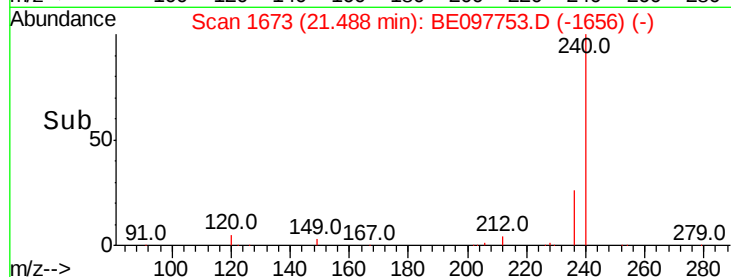
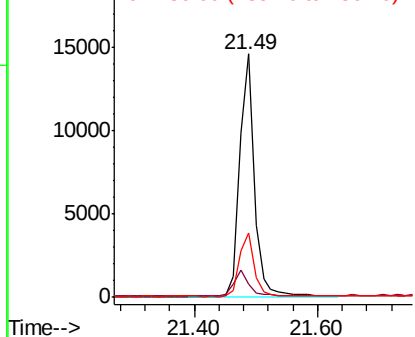
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.49 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BE097753.D
 Acq: 5 Oct 2018 13:59

Instrument :
 BNA_E
 ClientSampleId :
 RE-105D2-20180927DL

Tot Ion:240 Resp: 23584
 Ion Ratio Lower Upper
 240 100
 120 5.4 4.7 7.1
 236 26.3 20.8 31.2

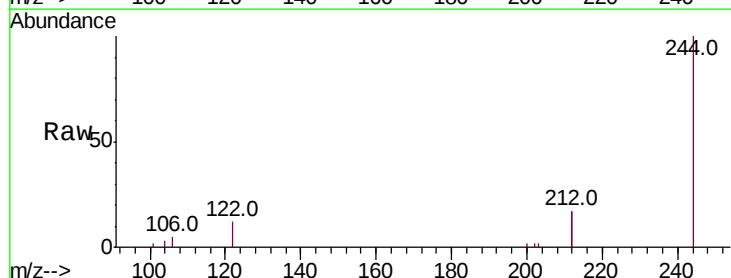


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

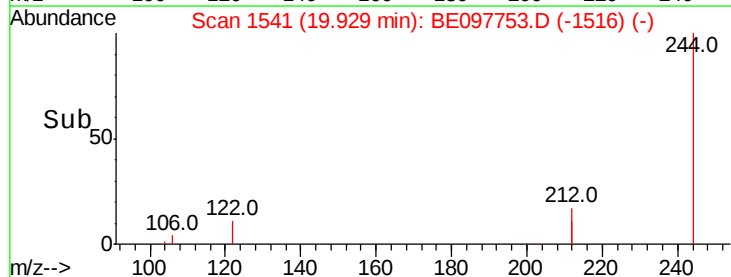
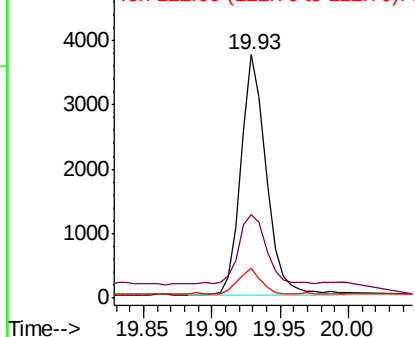


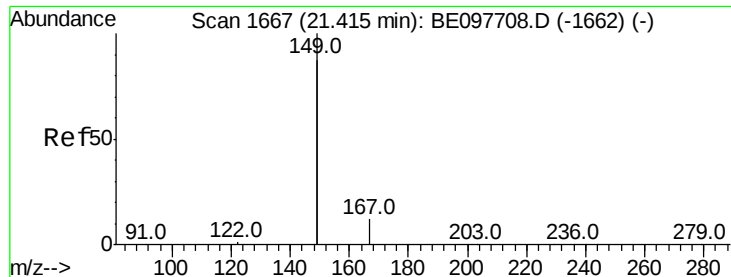
#29
 Terphenyl-d14
 Concen: 0.099 ng
 RT: 19.93 min Scan# 1541
 Delta R.T. -0.01 min
 Lab File: BE097753.D
 Acq: 5 Oct 2018 13:59

Tgt Ion:244 Resp: 4791
 Ion Ratio Lower Upper
 244 100
 212 34.4 25.8 38.8
 122 12.0 8.7 13.1



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: 0.035 ng

RT: 21.42 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BE097753.D

Acq: 5 Oct 2018 13:59

Instrument :

BNA_E

ClientSampleId :

RE-105D2-20180927DL

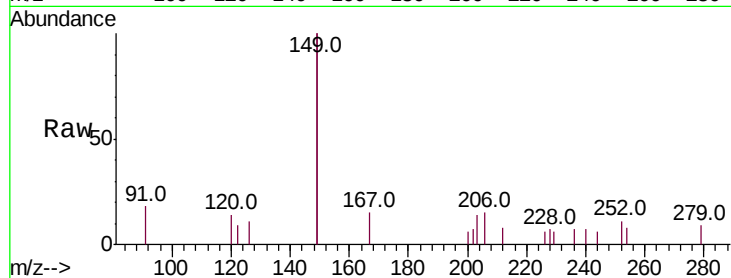
Tot Ion:149 Resp: 1636

Ion Ratio Lower Upper

149 100

167 4.0 5.5 8.3#

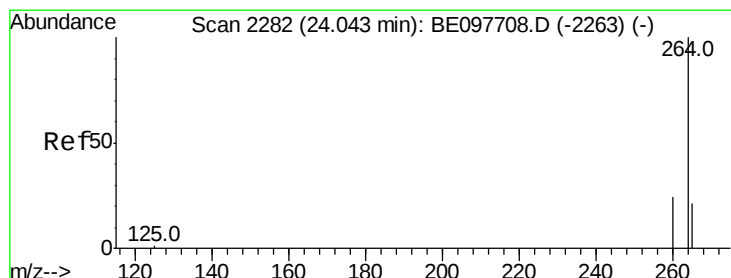
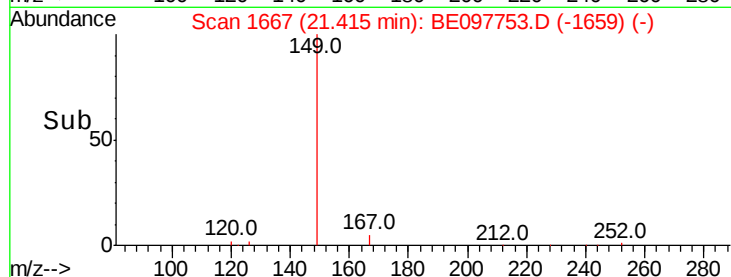
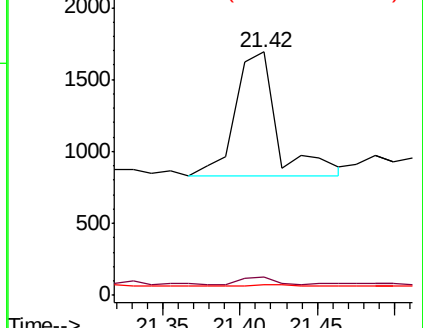
279 1.5 0.9 1.3#



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: 24.03 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BE097753.D

Acq: 5 Oct 2018 13:59

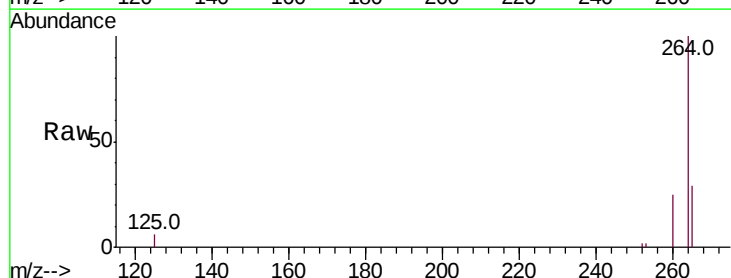
Tgt Ion:264 Resp: 23055

Ion Ratio Lower Upper

264 100

260 24.6 19.1 28.7

265 28.8 21.9 32.9



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

