

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
 Data File : BE097075.D
 Acq On : 24 Jul 2018 17:13
 Operator : SJ/JU
 Sample : J4073-17
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE123D3-071818

Quant Time: Jul 25 00:53:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 24 13:24:10 2018
 Response via : Initial Calibration

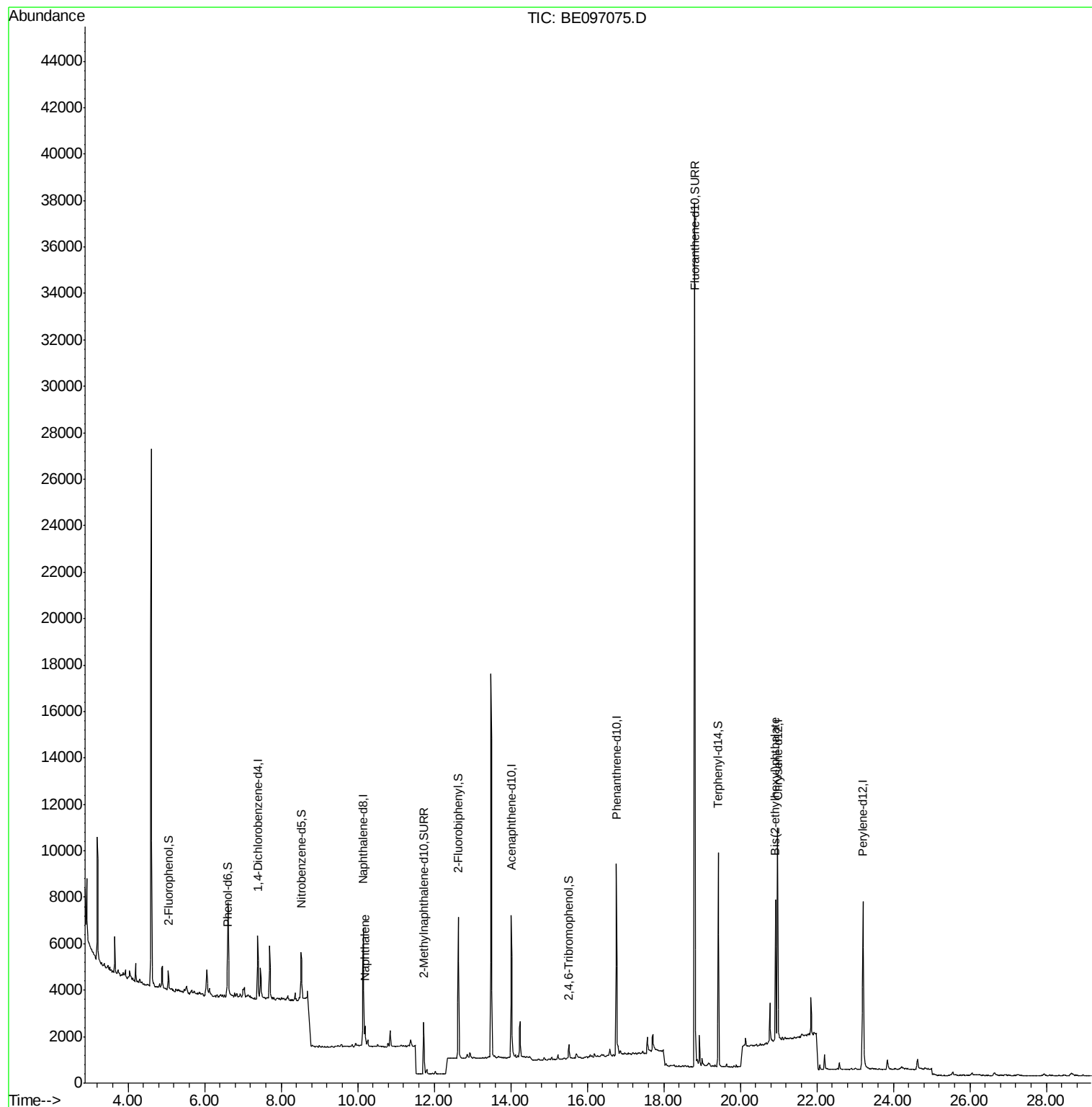
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1129	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	5521	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3512	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	10496	0.40	ng	0.00
27) Chrysene-d12	20.98	240	10666	0.40	ng	0.00
34) Perylene-d12	23.21	264	10046	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	410	0.13	ng	0.00
5) Phenol-d6	6.60	99	368	0.08	ng	0.00
8) Nitrobenzene-d5	8.52	82	1921	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3185	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	364	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	5525	0.46	ng	0.00
25) Fluoranthene-d10	18.81	212	47588	0.45	ng	0.00
29) Terphenyl-d14	19.43	244	8031	0.39	ng	0.00
Target Compounds						
9) Naphthalene	10.20	128	1535	0.031	ng	Qvalue # 88
32) Bis(2-ethylhexyl)phthalate	20.92	149	7643	0.275	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: 7.39 min Scan# 393

Delta R.T. -0.00 min

Lab File: BE097075.D

Acq: 24 Jul 2018 17:13

Instrument :

BNA_E

ClientSampleId :

RE123D3-071818

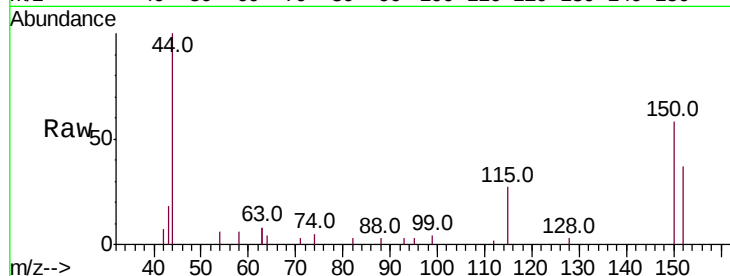
Tot Ion:152 Resp: 1129

Ion Ratio Lower Upper

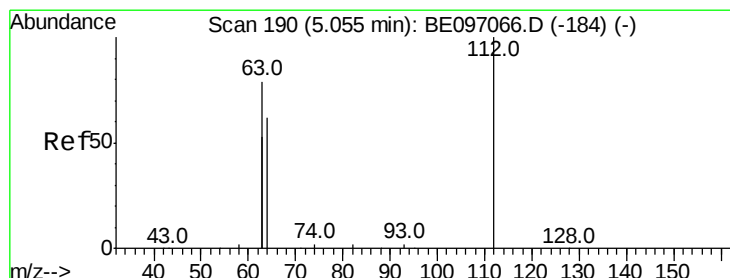
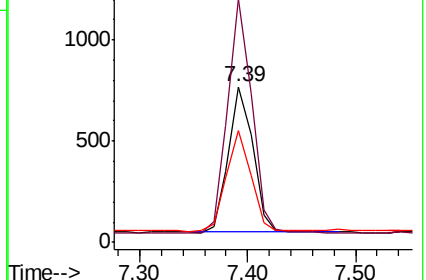
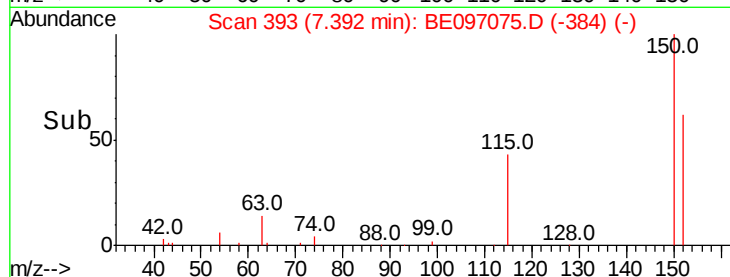
152 100

150 156.4 117.2 175.8

115 72.2 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



#4

2-Fluorophenol

Concen: 0.129 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097075.D

Acq: 24 Jul 2018 17:13

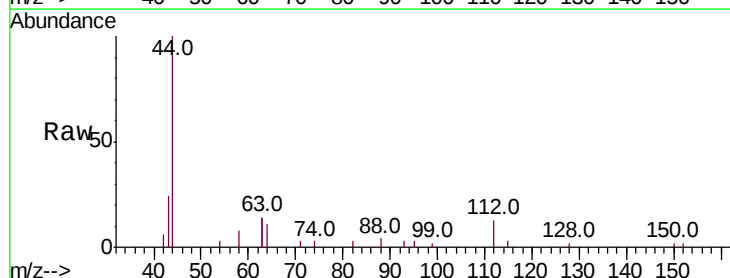
Tgt Ion:112 Resp: 410

Ion Ratio Lower Upper

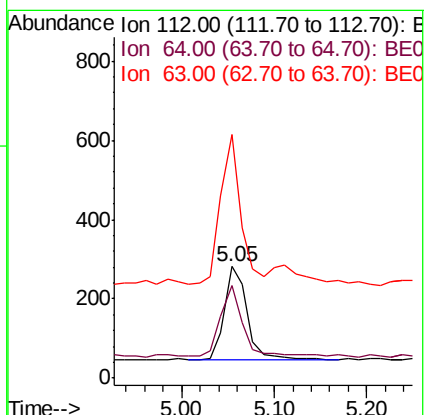
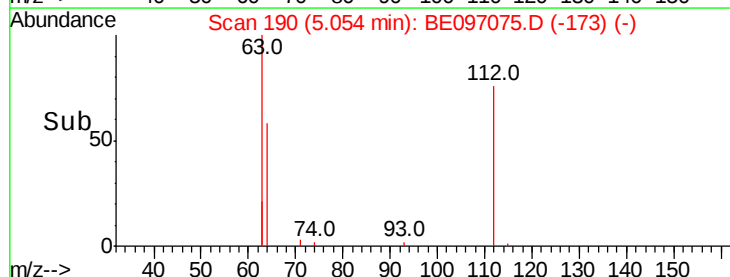
112 100

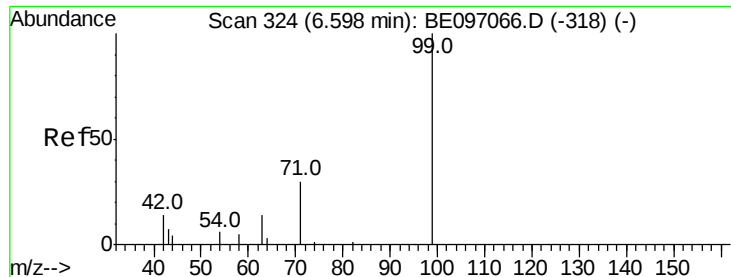
64 75.9 60.1 90.1

63 143.7 116.8 175.2



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





#5

Phenol-d6

Concen: 0.079 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097075.D

Acq: 24 Jul 2018 17:13

Instrument :

BNA_E

ClientSampleId :

RE123D3-071818

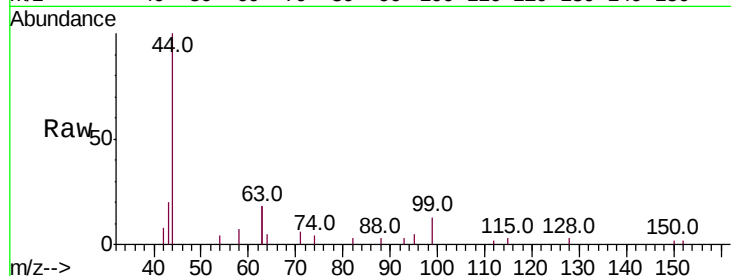
Tot Ion: 99 Resp: 368

Ion Ratio Lower Upper

99 100

42 72.0 20.2 30.2#

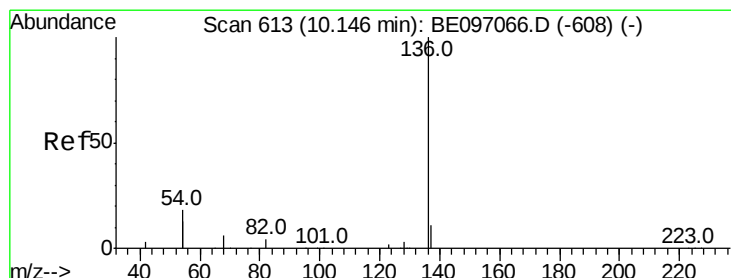
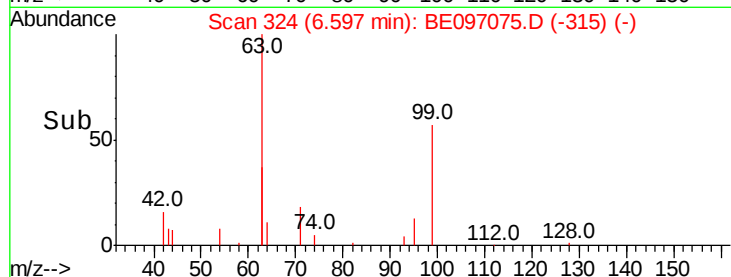
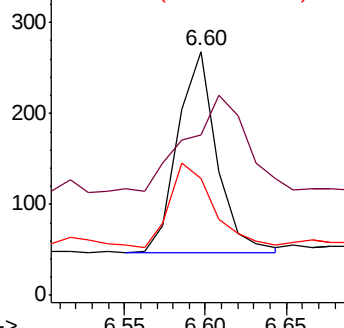
71 0.0 28.4 42.6#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097075.D

Acq: 24 Jul 2018 17:13

Tgt Ion: 136 Resp: 5521

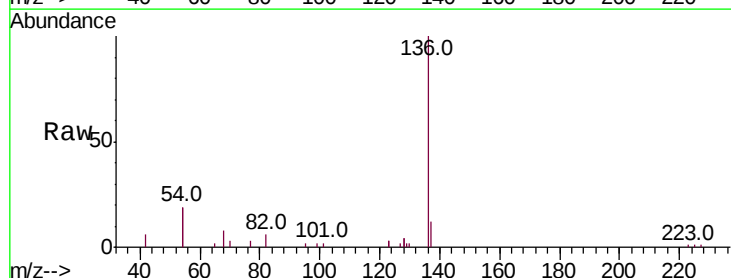
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 38.0 29.1 43.7

68 8.1 6.2 9.2

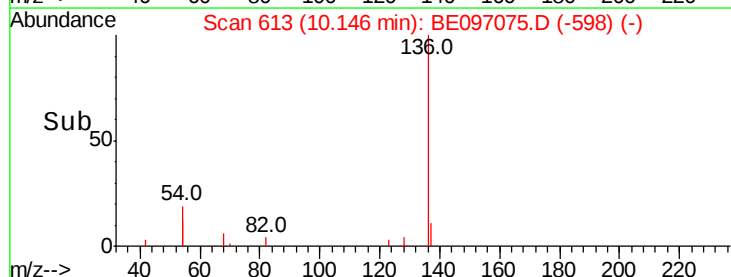
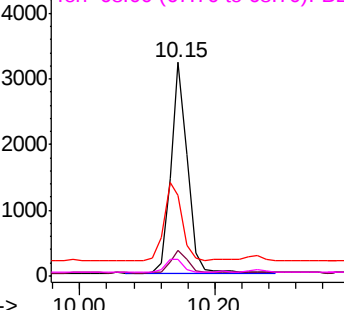


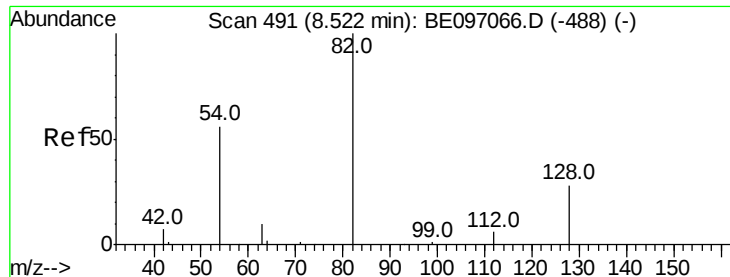
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.401 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097075.D

Acq: 24 Jul 2018 17:13

Instrument :

BNA_E

ClientSampleId :

RE123D3-071818

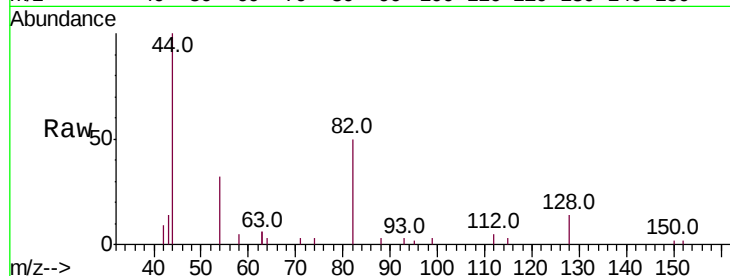
Tot Ion: 82 Resp: 1921

Ion Ratio Lower Upper

82 100

128 27.7 24.0 36.0

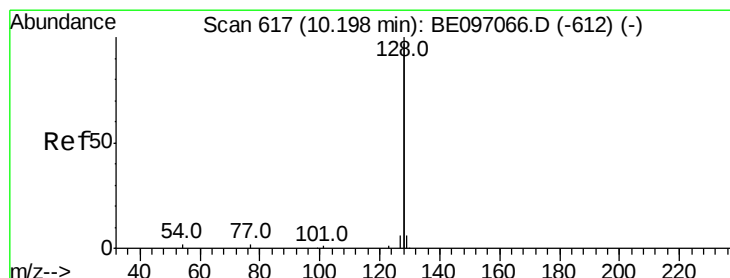
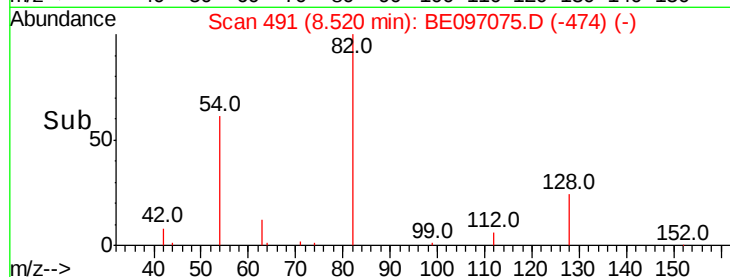
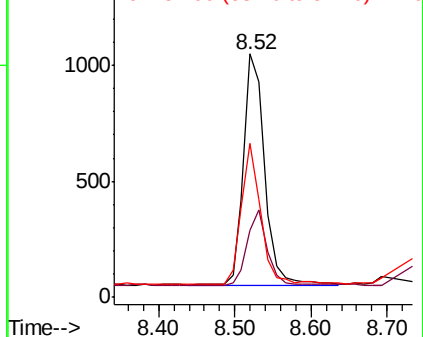
54 63.4 40.0 60.0#



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



#9

Naphthalene

Concen: 0.031 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE097075.D

Acq: 24 Jul 2018 17:13

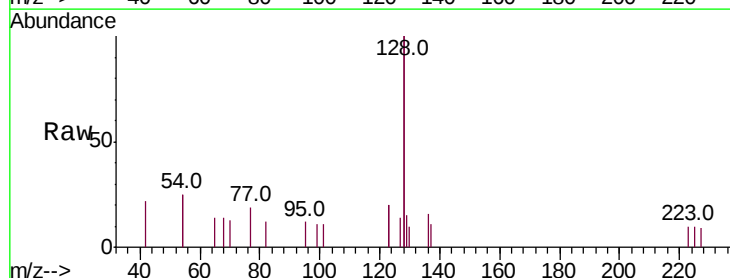
Tgt Ion: 128 Resp: 1535

Ion Ratio Lower Upper

128 100

129 7.3 2.6 3.8#

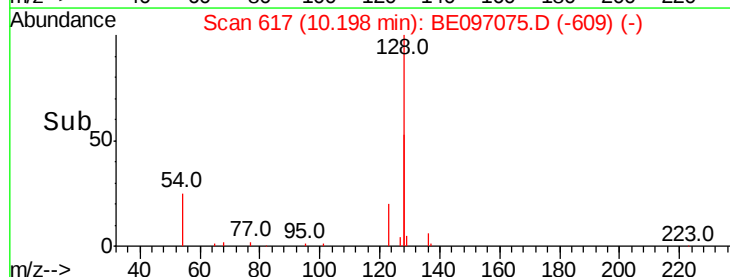
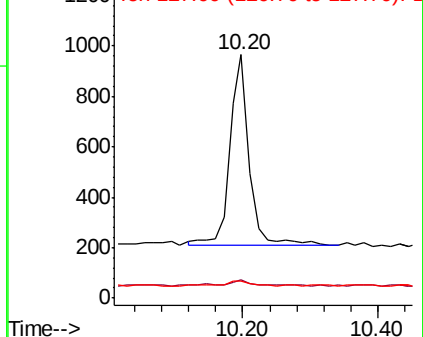
127 7.0 2.8 4.2#

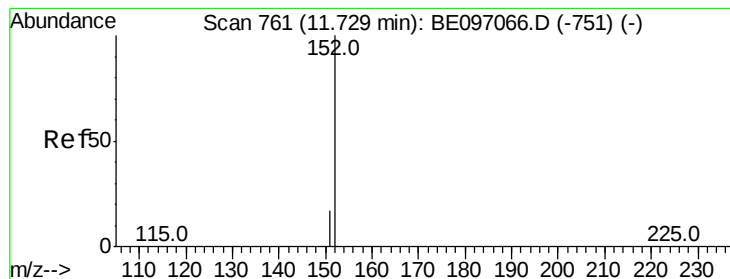


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.385 ng

RT: 11.73 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE097075.D

Acq: 24 Jul 2018 17:13

Instrument :

BNA_E

ClientSampleId :

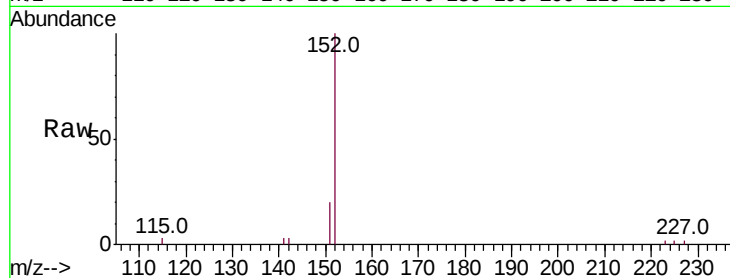
RE123D3-071818

Tot Ion:152 Resp: 3185

Ion Ratio Lower Upper

152 100

151 21.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2000

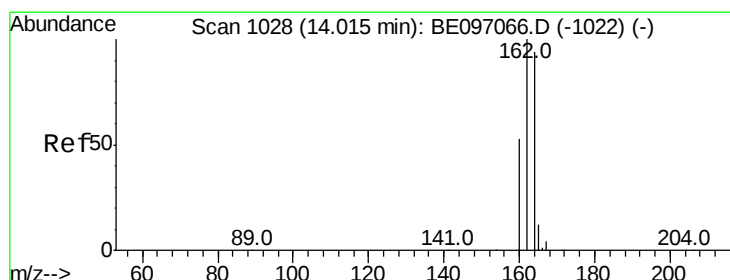
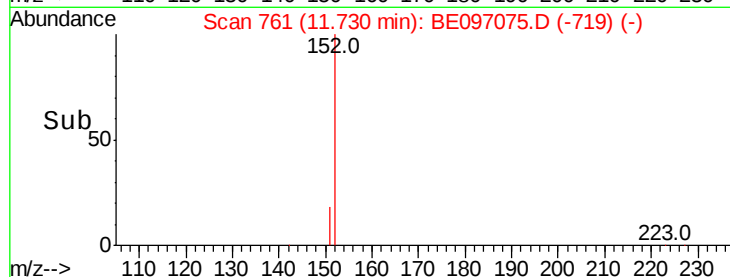
1500

1000

500

0

Time--> 11.70 11.73 11.80



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE097075.D

Acq: 24 Jul 2018 17:13

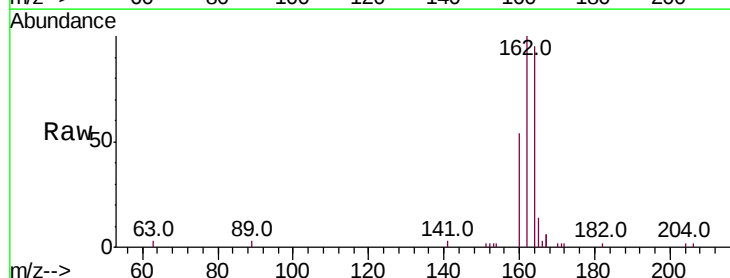
Tgt Ion:164 Resp: 3512

Ion Ratio Lower Upper

164 100

162 105.4 83.1 124.7

160 56.7 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

3000

2500

2000

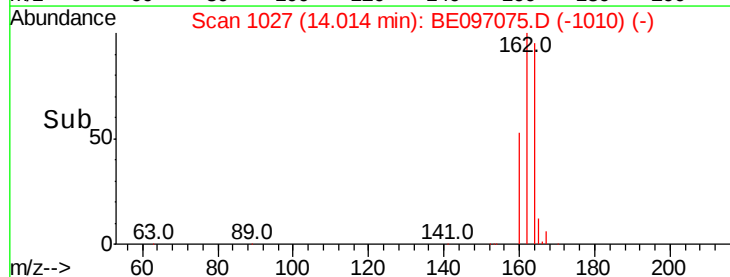
1500

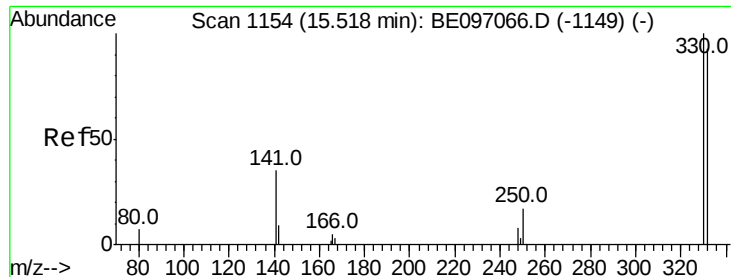
1000

500

0

Time--> 14.00 14.01 14.20

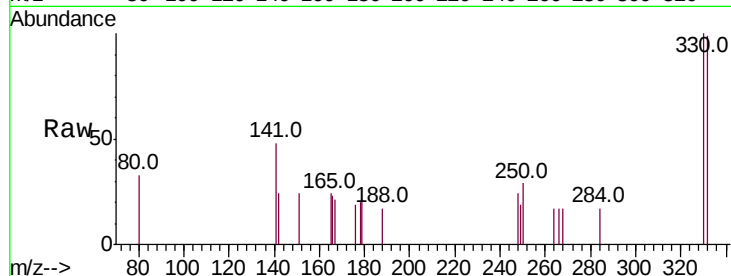




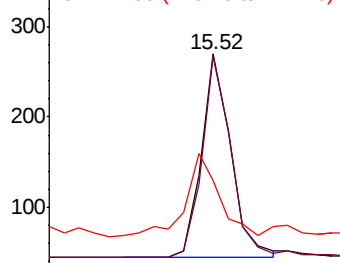
#14
 2,4,6-Tribromophenol
 Concen: 0.315 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BE097075.D
 Acq: 24 Jul 2018 17:13

Instrument :
 BNA_E
 ClientSampleId :
 RE123D3-071818

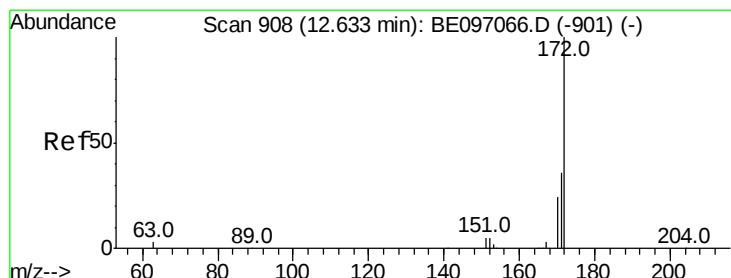
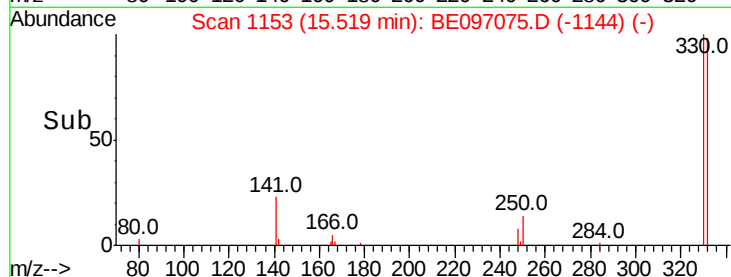
Tot Ion:330 Resp: 364
 Ion Ratio Lower Upper
 330 100
 332 97.0 152.7 229.1#
 141 47.0 33.7 50.5



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

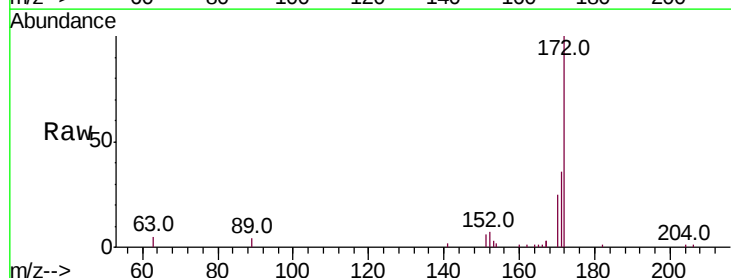


Time--> 15.40 15.50 15.60

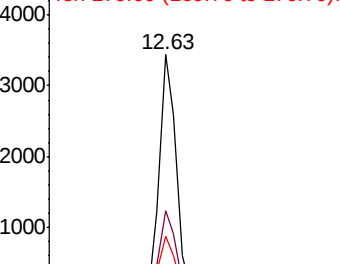


#15
 2-Fluorobiphenyl
 Concen: 0.455 ng
 RT: 12.63 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BE097075.D
 Acq: 24 Jul 2018 17:13

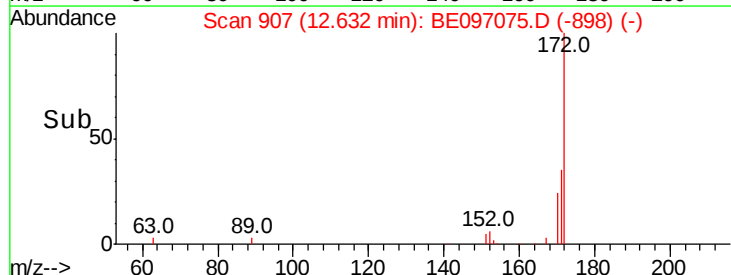
Tgt Ion:172 Resp: 5525
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.9 44.9
 170 25.3 21.8 32.8

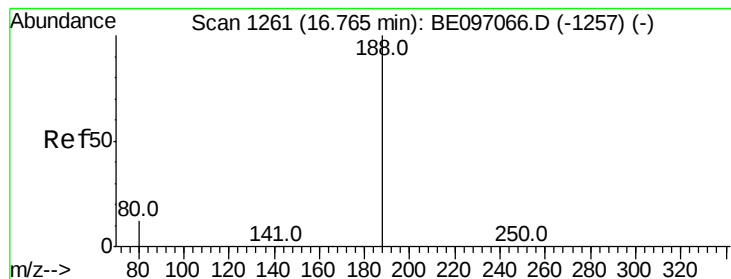


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time--> 12.50 12.60 12.70 12.80





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BE097075.D

Acq: 24 Jul 2018 17:13

Instrument :

BNA_E

ClientSampleId :

RE123D3-071818

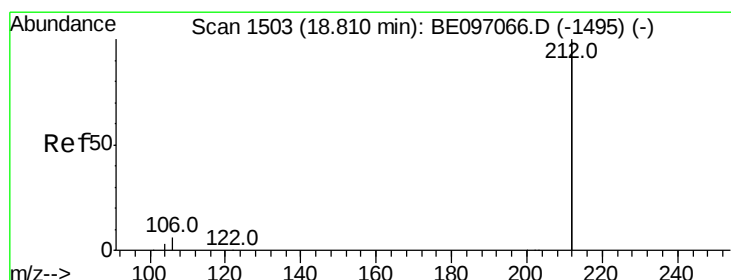
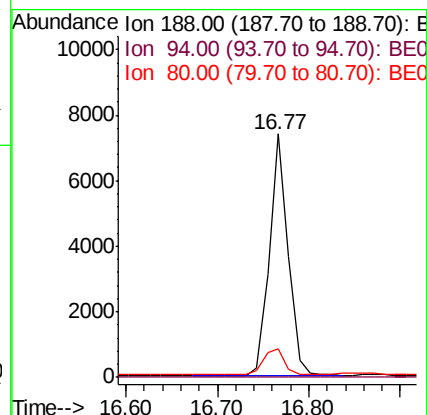
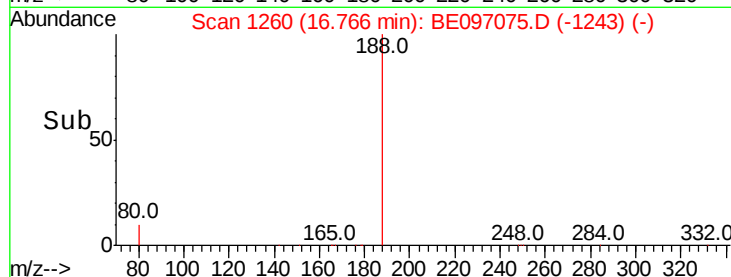
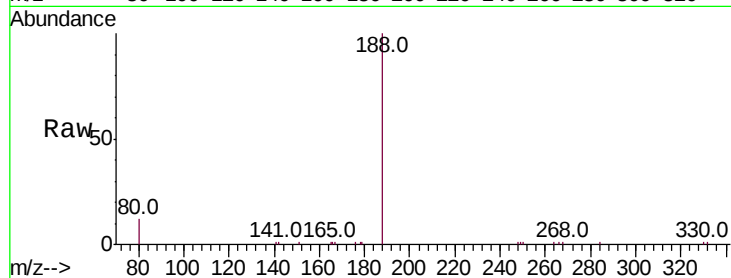
Tot Ion:188 Resp: 10496

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 11.5 3.6 5.4#



#25

Fluoranthene-d10

Concen: 0.453 ng

RT: 18.81 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BE097075.D

Acq: 24 Jul 2018 17:13

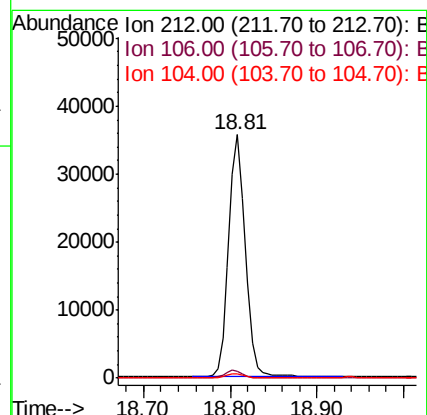
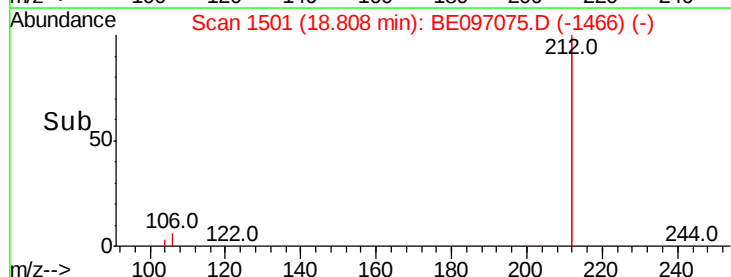
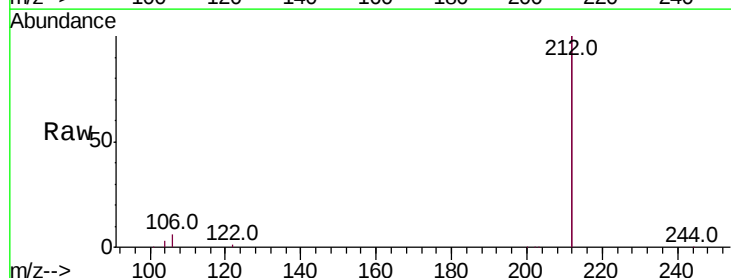
Tgt Ion:212 Resp: 47588

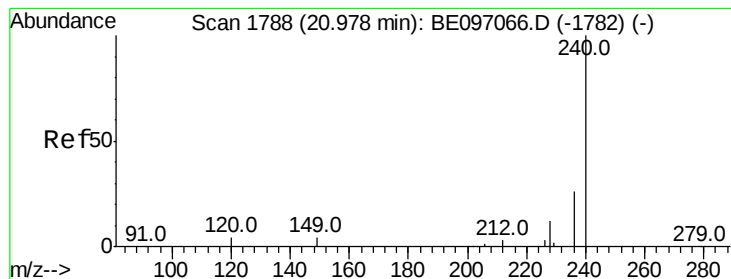
Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

104 1.7 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097075.D

Acq: 24 Jul 2018 17:13

Instrument :

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ClientSampleId :

RE123D3-071818

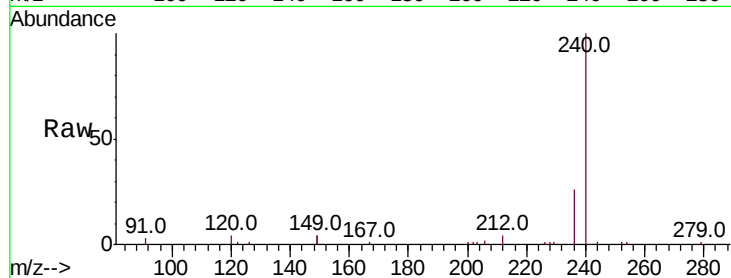
Tot Ion:240 Resp: 10666

Ion Ratio Lower Upper

240 100

120 4.3 5.5 8.3#

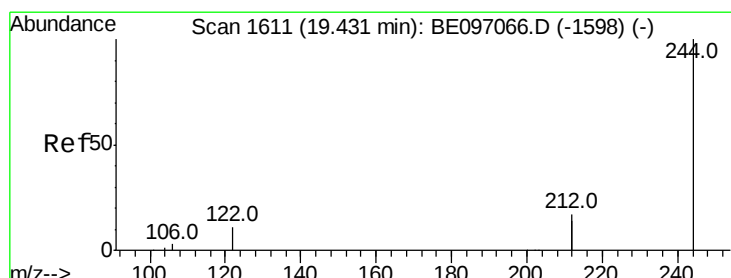
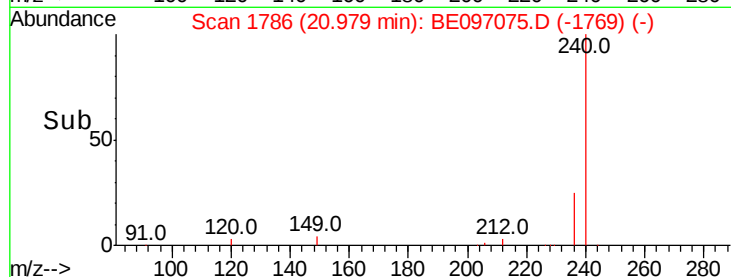
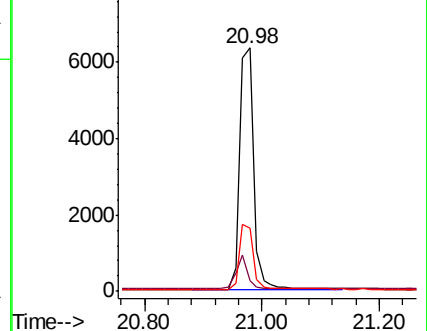
236 26.0 20.7 31.1



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: 0.392 ng

RT: 19.43 min Scan# 1609

Delta R.T. -0.00 min

Lab File: BE097075.D

Acq: 24 Jul 2018 17:13

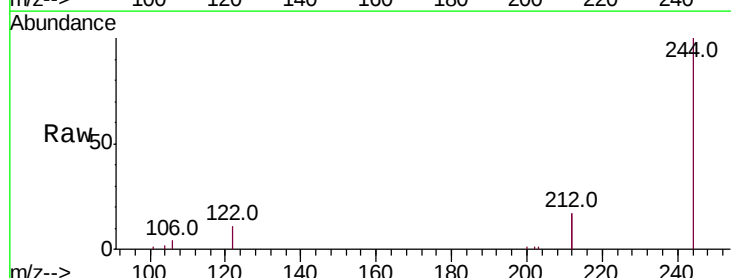
Tgt Ion:244 Resp: 8031

Ion Ratio Lower Upper

244 100

212 33.3 25.4 38.0

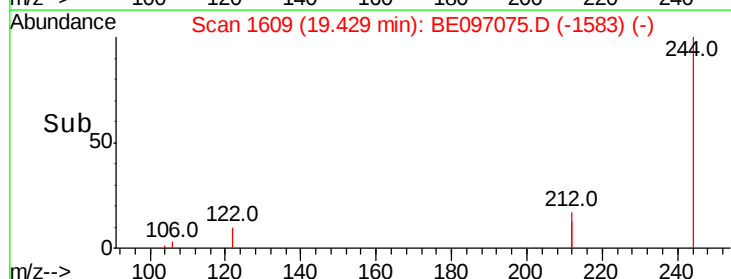
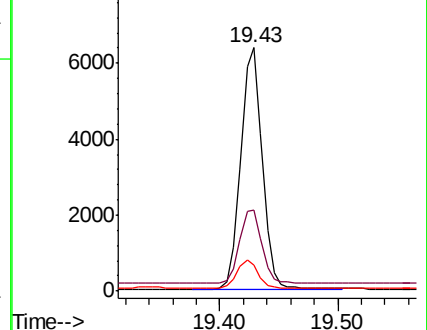
122 10.8 8.1 12.1

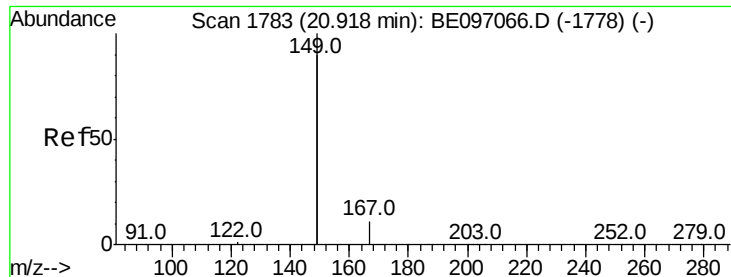


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

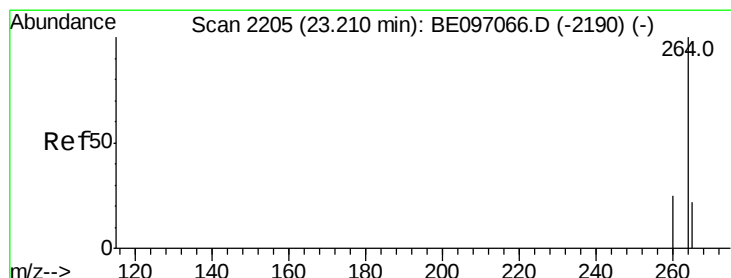
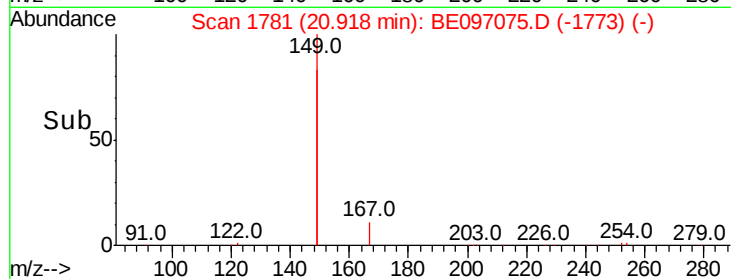
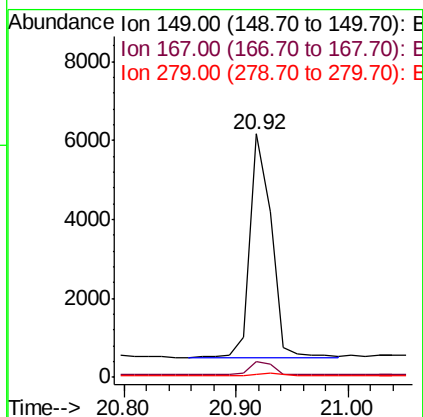
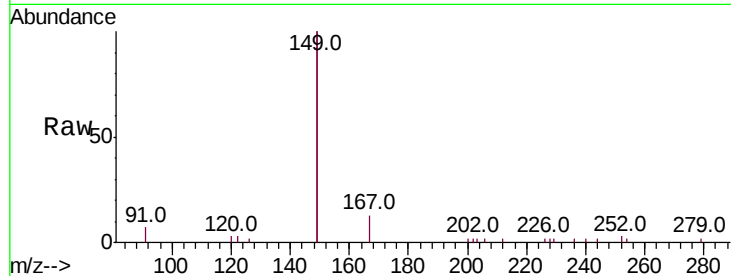




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.275 ng
 RT: 20.92 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BE097075.D
 Acq: 24 Jul 2018 17:13

Instrument :
 BNA_E
 ClientSampleId :
 RE123D3-071818

Tot Ion:149 Resp: 7643
 Ion Ratio Lower Upper
 149 100
 167 6.3 5.4 8.0
 279 1.0 0.7 1.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BE097075.D
 Acq: 24 Jul 2018 17:13

Tgt Ion:264 Resp: 10046
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.5 30.7
 265 25.9 22.8 34.2

