

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
 Data File : BE097079.D
 Acq On : 24 Jul 2018 19:42
 Operator : SJ/JU
 Sample : J4073-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE126D3-071718

Quant Time: Jul 25 00:58:40 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

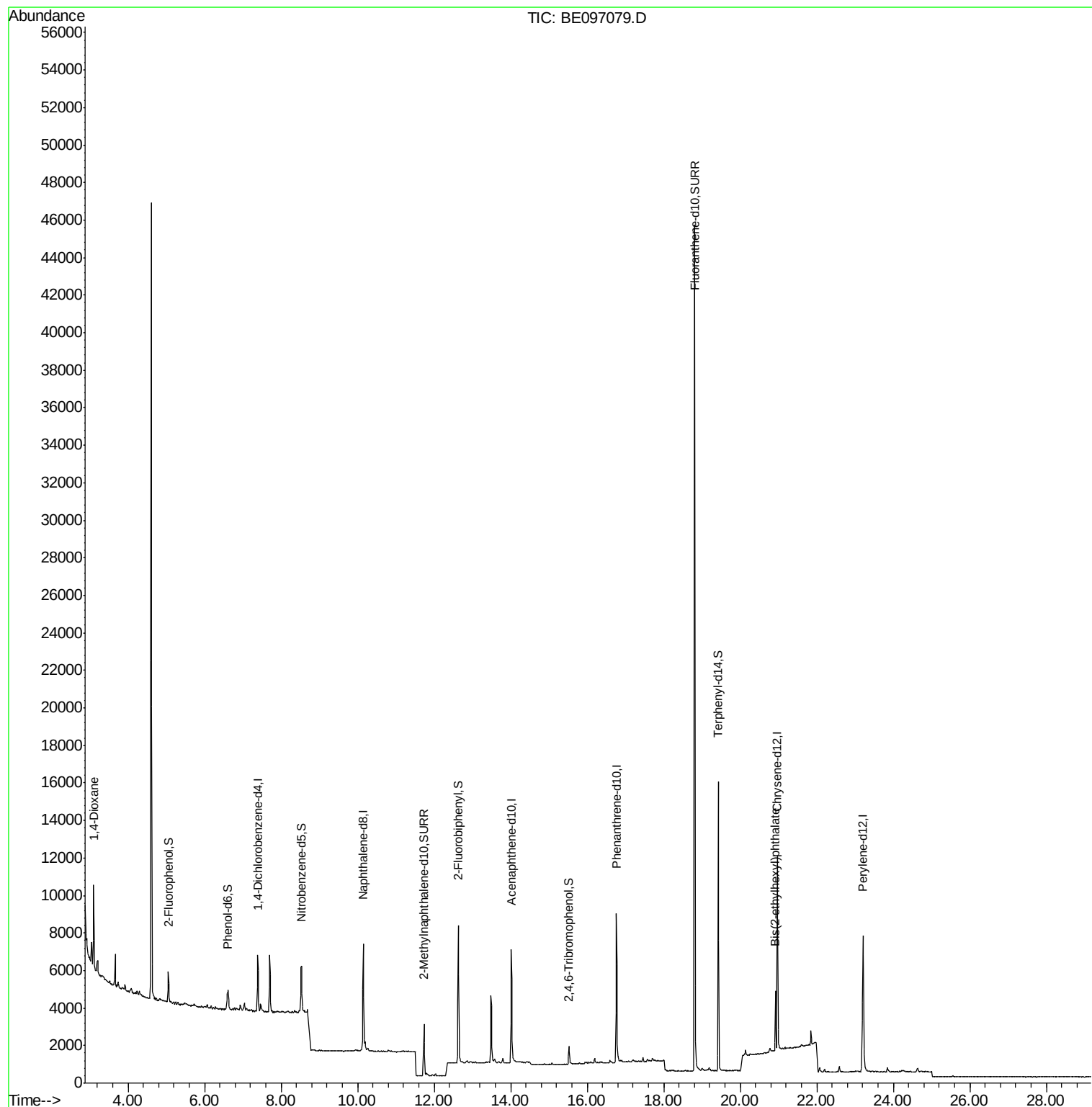
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1329	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	6114	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3635	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	10763	0.40	ng	0.00
27) Chrysene-d12	20.97	240	10784	0.40	ng	-0.01
34) Perylene-d12	23.21	264	10348	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	776	0.21	ng	0.00
5) Phenol-d6	6.59	99	657	0.12	ng	0.00
8) Nitrobenzene-d5	8.53	82	2507	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	4014	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	585	0.49	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	6888	0.55	ng	0.00
25) Fluoranthene-d10	18.81	212	59859	0.56	ng	0.00
29) Terphenyl-d14	19.42	244	12871	0.62	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.09	88	2230	1.056	ng	90
32) Bis(2-ethylhexyl)phthalate	20.92	149	3535	0.121	ng	# 99

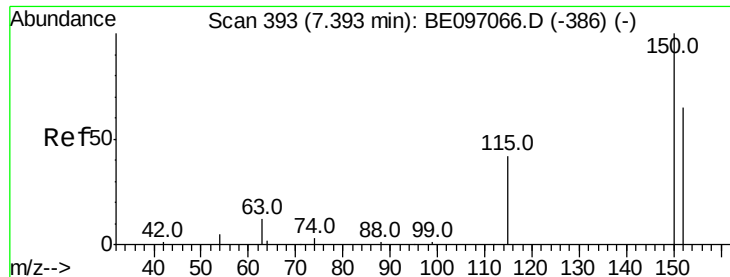
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE097079.D

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Instrument :

BNA_E

ClientSampleId :

RE126D3-071718

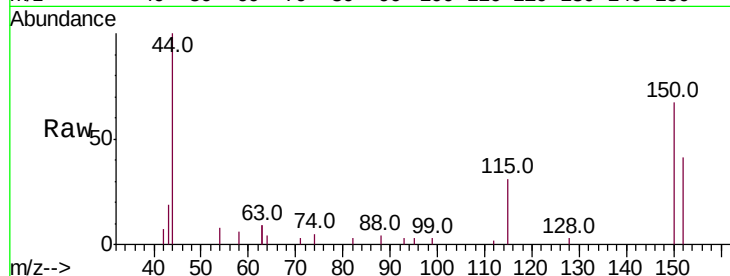
Tot Ion:152 Resp: 1329

Ion Ratio Lower Upper

152 100

150 162.1 117.2 175.8

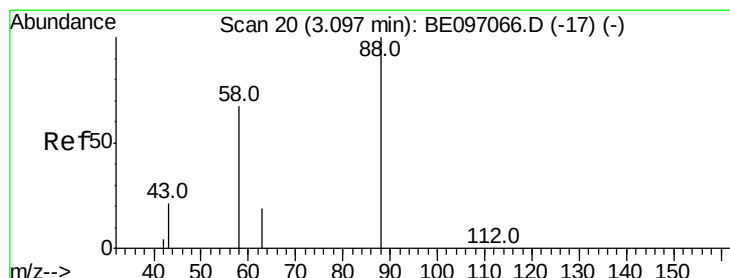
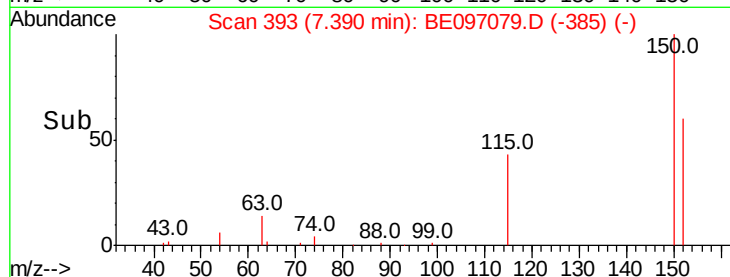
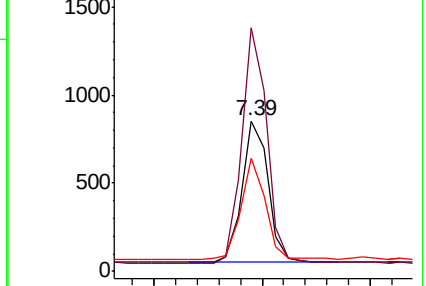
115 75.0 57.0 85.6



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: 1.056 ng

RT: 3.09 min Scan# 20

Delta R.T. -0.00 min

Lab File: BE097079.D

Acq: 24 Jul 2018 19:42

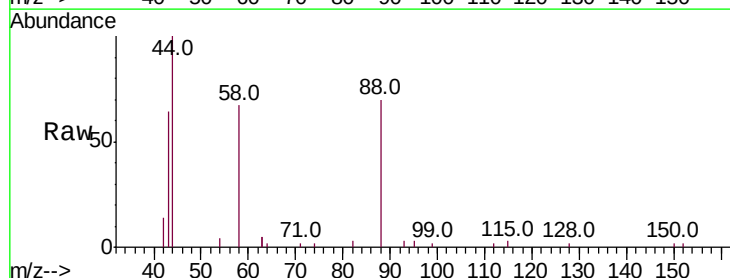
Tgt Ion: 88 Resp: 2230

Ion Ratio Lower Upper

88 100

58 89.6 63.2 94.8

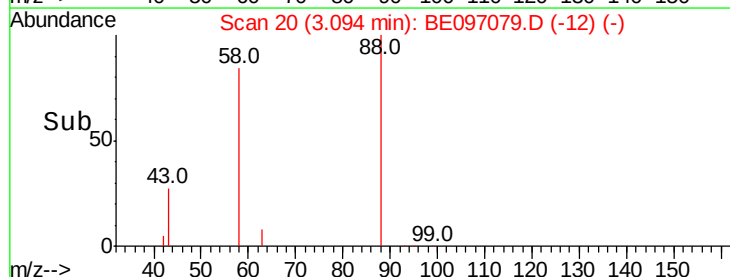
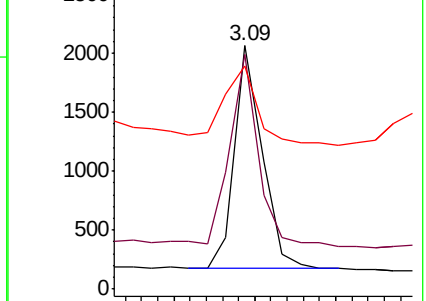
43 46.2 41.2 61.8

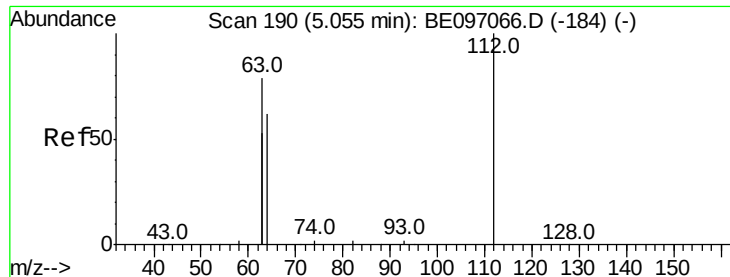


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.208 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097079.D

Acq: 24 Jul 2018 19:42

Instrument :

BNA_E

ClientSampleId :

RE126D3-071718

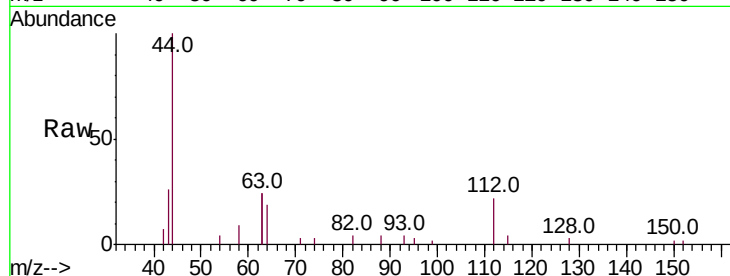
Tot Ion:112 Resp: 776

Ion Ratio Lower Upper

112 100

64 71.5 60.1 90.1

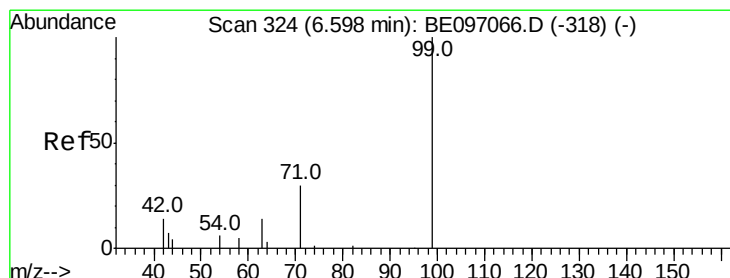
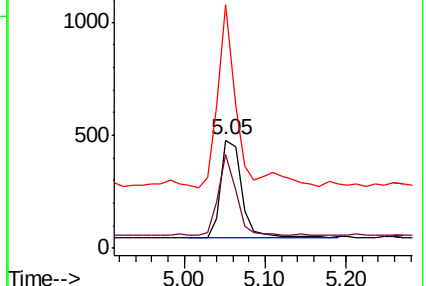
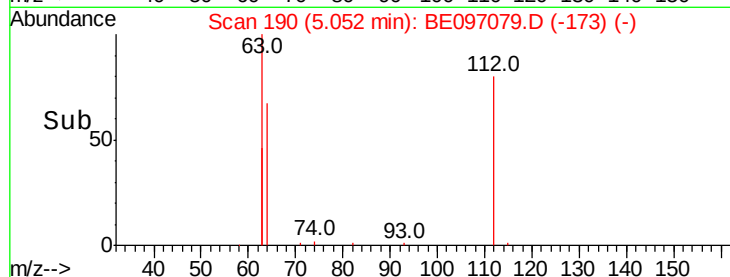
63 157.5 116.8 175.2



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: 0.120 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097079.D

Acq: 24 Jul 2018 19:42

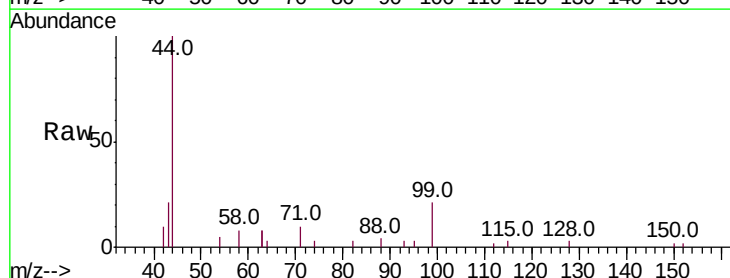
Tgt Ion: 99 Resp: 657

Ion Ratio Lower Upper

99 100

42 32.6 20.2 30.2#

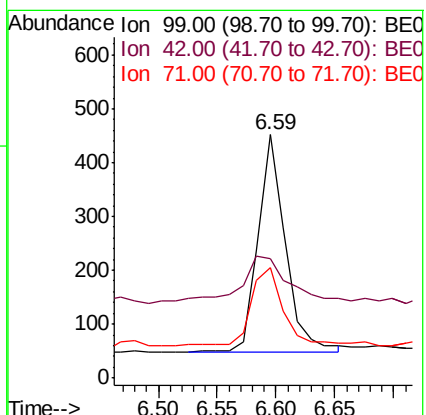
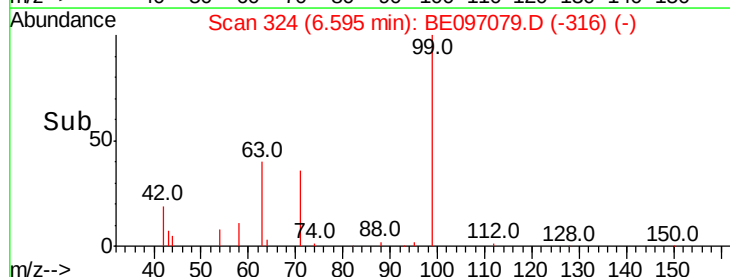
71 40.6 28.4 42.6

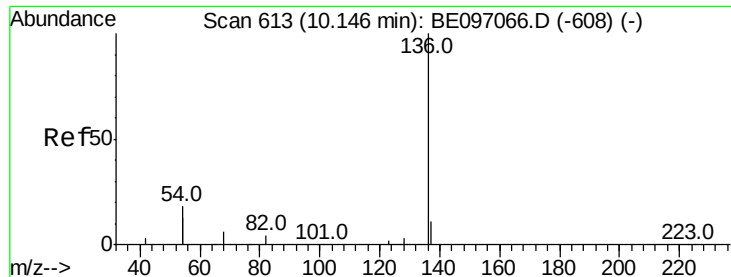


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.14 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097079.D

Acq: 24 Jul 2018 19:42

Instrument :

BNA_E

ClientSampleId :

RE126D3-071718

Tot Ion:136 Resp: 6114

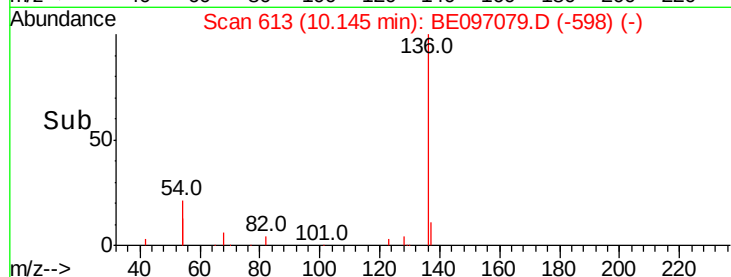
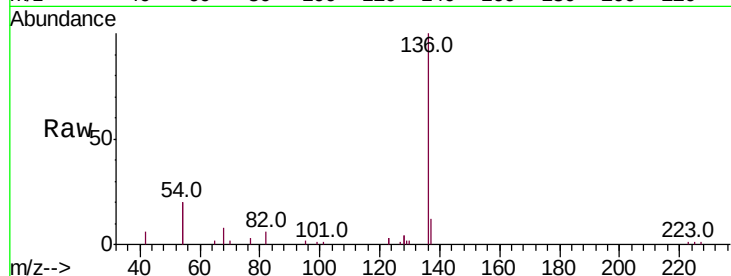
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 41.0 29.1 43.7

68 8.0 6.2 9.2

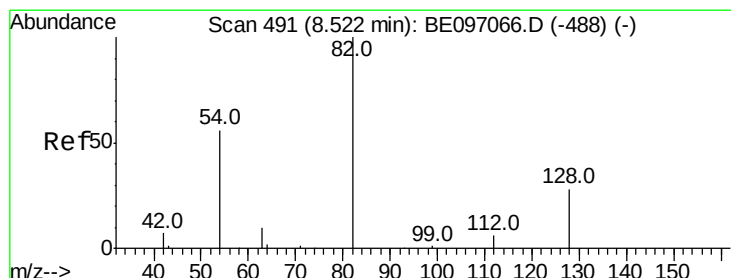
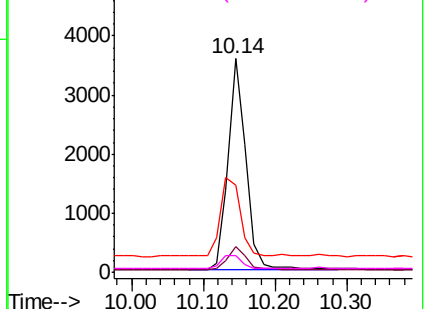


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.472 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097079.D

Acq: 24 Jul 2018 19:42

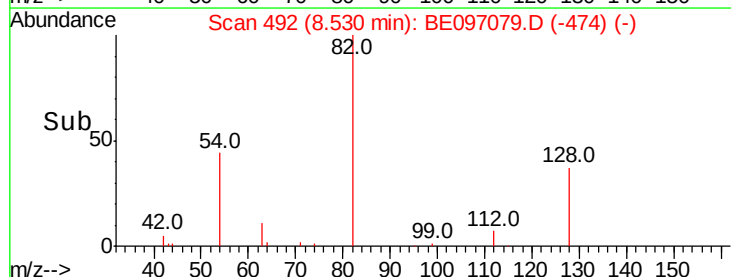
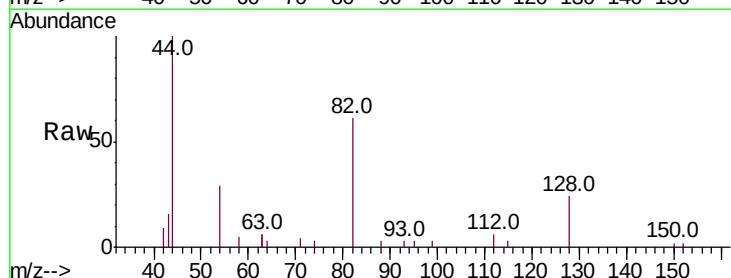
Tgt Ion: 82 Resp: 2507

Ion Ratio Lower Upper

82 100

128 39.8 24.0 36.0#

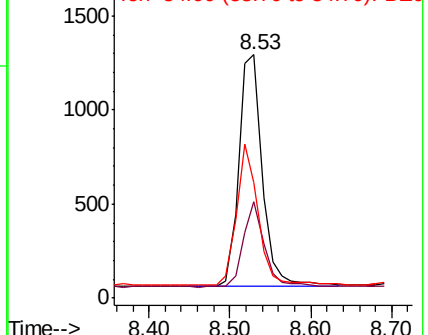
54 47.6 40.0 60.0

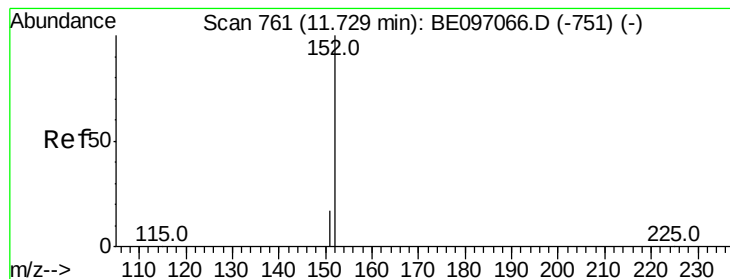


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.439 ng

RT: 11.73 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE097079.D

Acq: 24 Jul 2018 19:42

Instrument :

BNA_E

ClientSampleId :

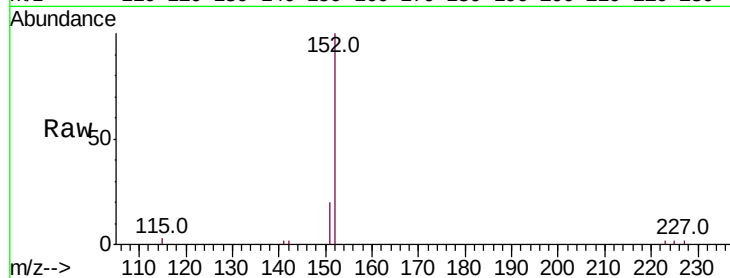
RE126D3-071718

Tot Ion:152 Resp: 4014

Ion Ratio Lower Upper

152 100

151 19.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2500

2000

1500

1000

500

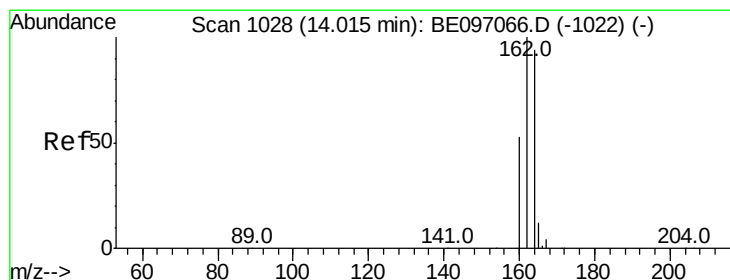
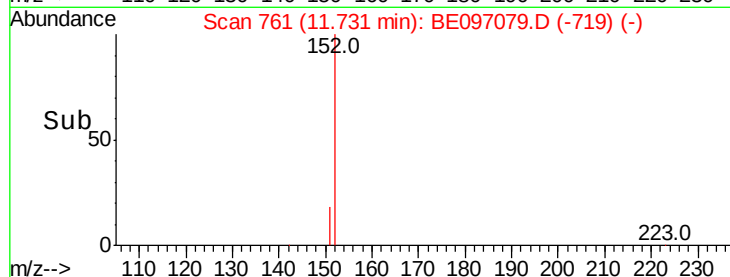
0

11.73

11.70

11.80

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE097079.D

Acq: 24 Jul 2018 19:42

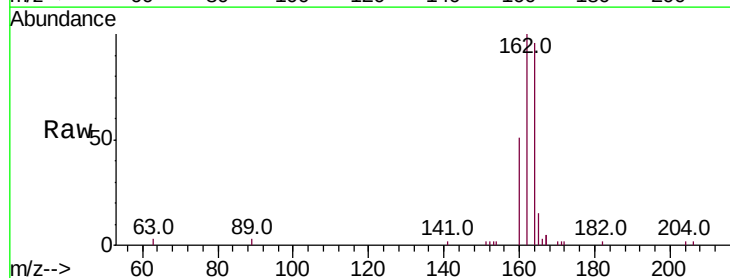
Tgt Ion:164 Resp: 3635

Ion Ratio Lower Upper

164 100

162 104.5 83.1 124.7

160 53.5 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

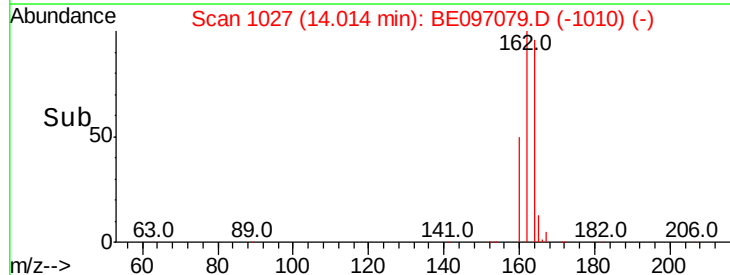
14.01

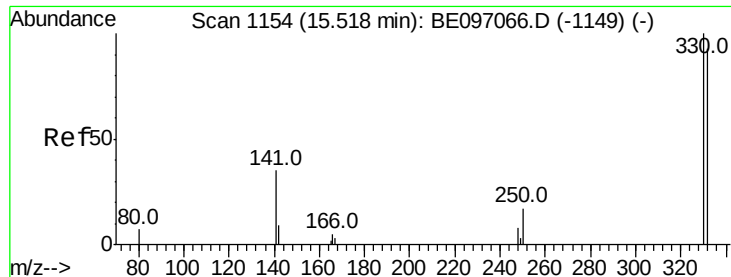
13.90

14.10

14.20

Time-->

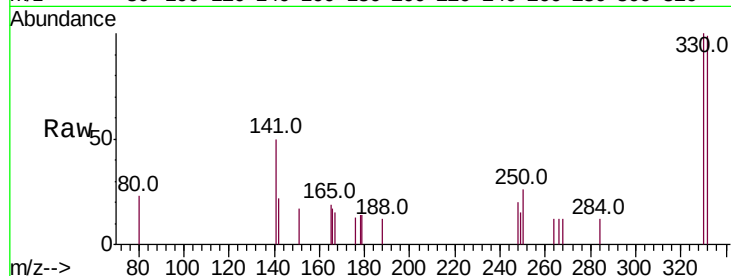




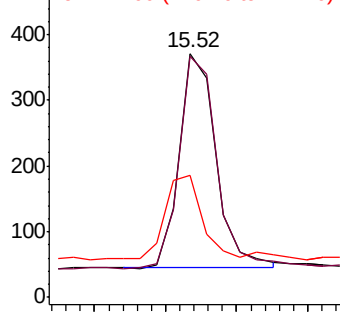
#14
 2,4,6-Tribromophenol
 Concen: 0.489 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BE097079.D
 Acq: 24 Jul 2018 19:42

Instrument :
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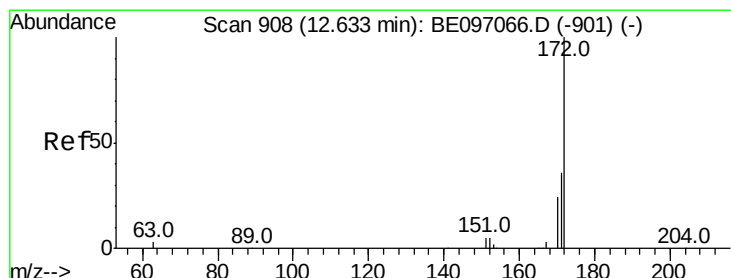
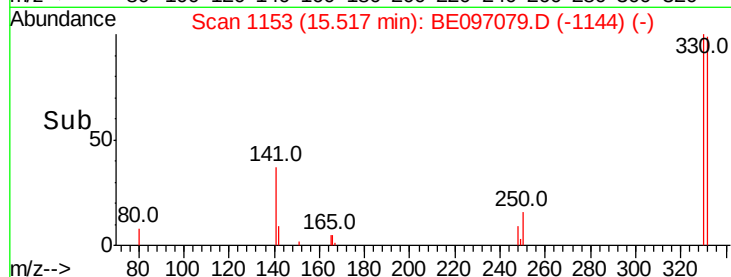
Tot Ion:330 Resp: 585
 Ion Ratio Lower Upper
 330 100
 332 101.9 152.7 229.1#
 141 40.3 33.7 50.5



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

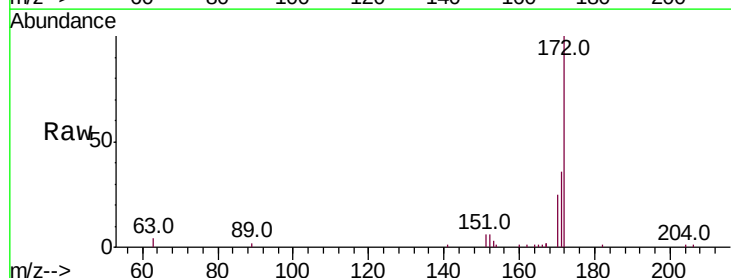


Time-->

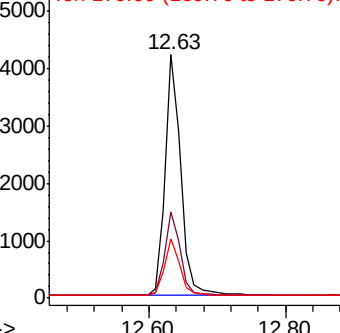


#15
 2-Fluorobiphenyl
 Concen: 0.549 ng
 RT: 12.63 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BE097079.D
 Acq: 24 Jul 2018 19:42

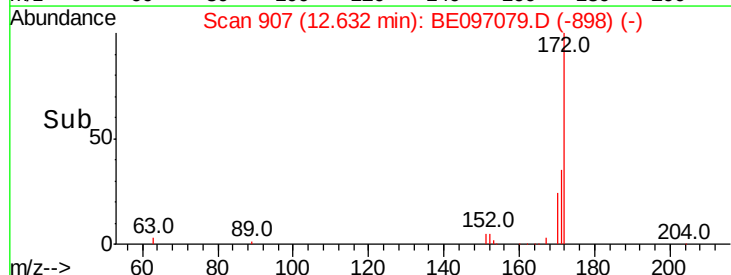
Tgt Ion:172 Resp: 6888
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.9 44.9
 170 24.6 21.8 32.8

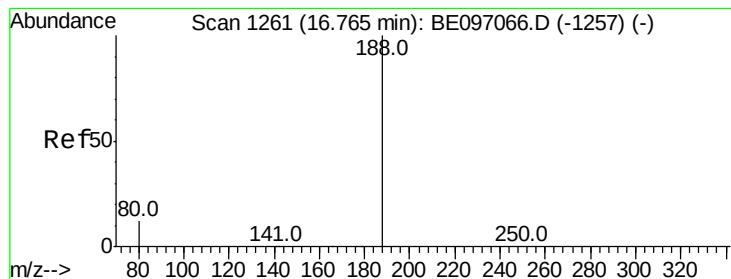


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.76 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BE097079.D

Acq: 24 Jul 2018 19:42

Instrument :

BNA_E

ClientSampleId :

RE126D3-071718

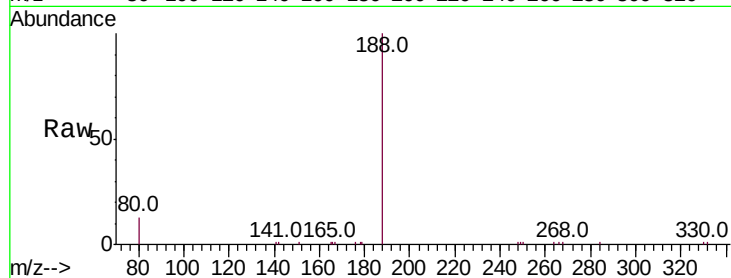
Tot Ion:188 Resp: 10763

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

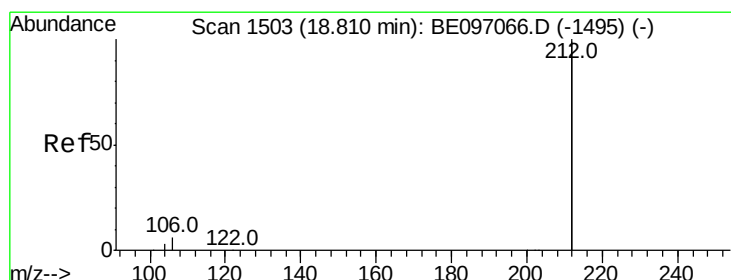
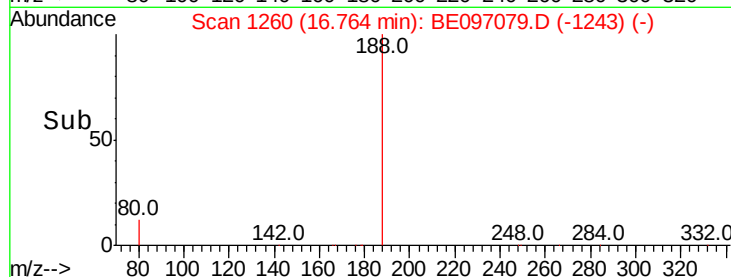
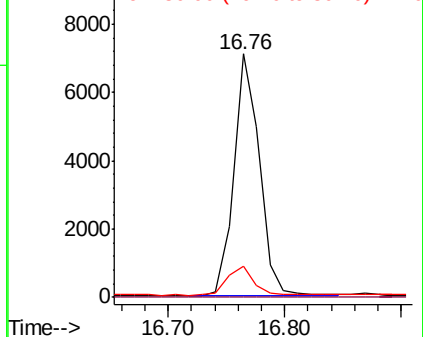
80 12.7 3.6 5.4#



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: 0.556 ng

RT: 18.81 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE097079.D

Acq: 24 Jul 2018 19:42

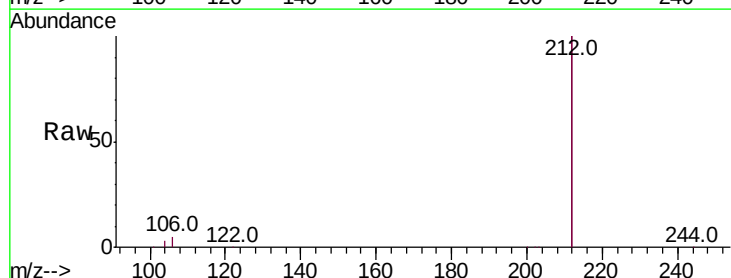
Tgt Ion:212 Resp: 59859

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

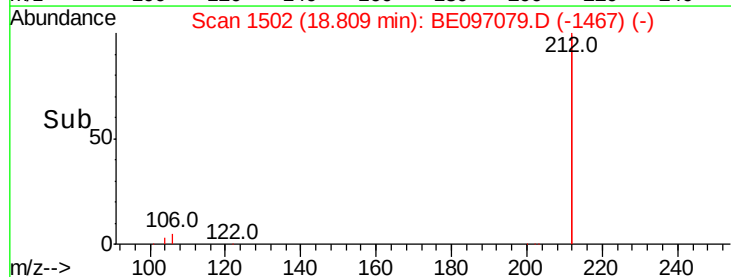
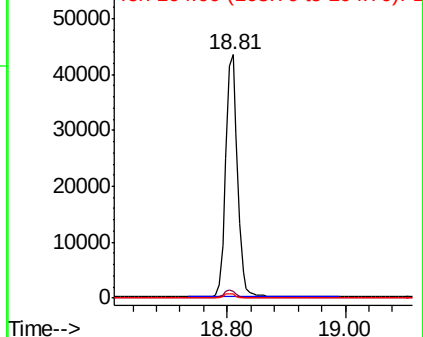
104 1.7 1.6 2.4

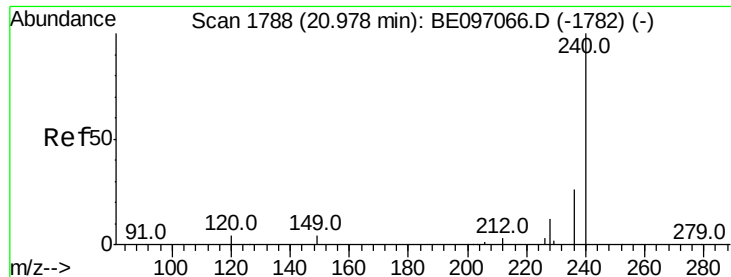


Abundance Ion 212.00 (211.70 to 212.70): E

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: 20.97 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BE097079.D

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RE126D3-071718

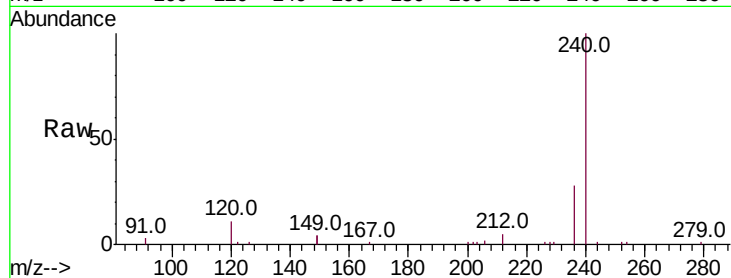
Tot Ion:240 Resp: 10784

Ion Ratio Lower Upper

240 100

120 11.3 5.5 8.3#

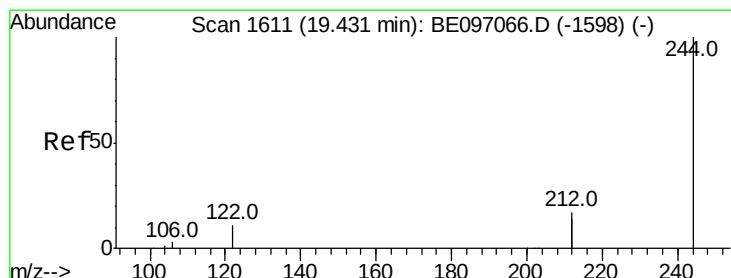
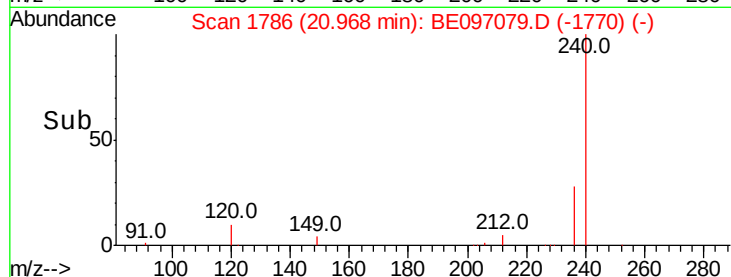
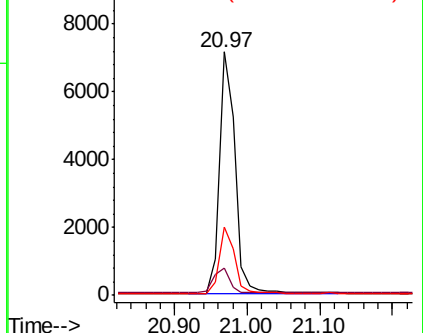
236 28.1 20.7 31.1



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: 0.621 ng

RT: 19.42 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BE097079.D

Acq: 24 Jul 2018 19:42

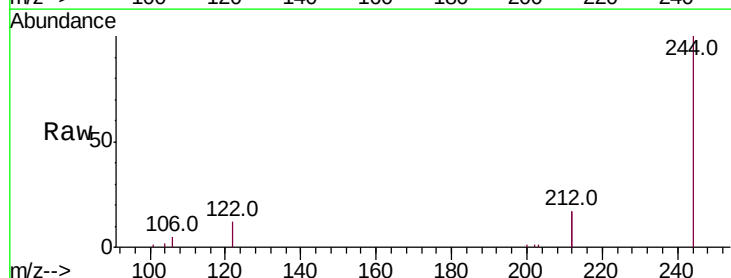
Tgt Ion:244 Resp: 12871

Ion Ratio Lower Upper

244 100

212 33.0 25.4 38.0

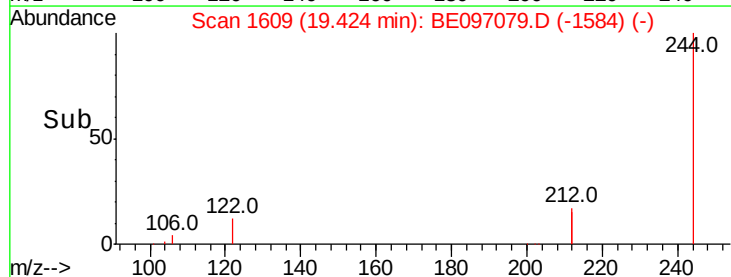
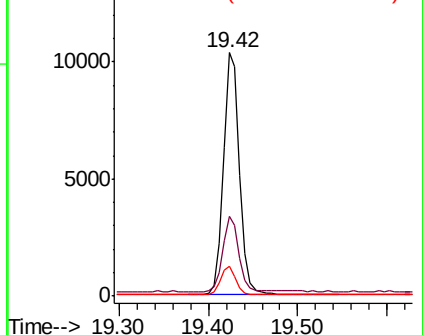
122 12.4 8.1 12.1#

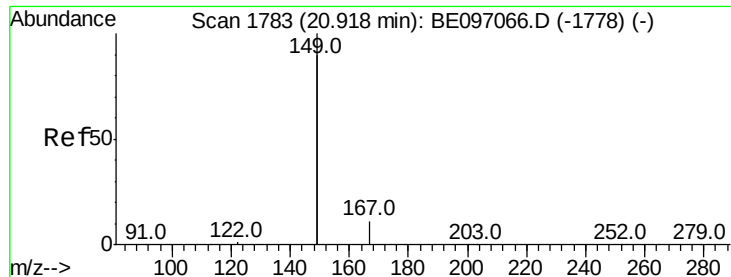


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.121 ng

RT: 20.92 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BE097079.D

Acq: 24 Jul 2018 19:42

Instrument :

BNA_E

ClientSampleId :

RE126D3-071718

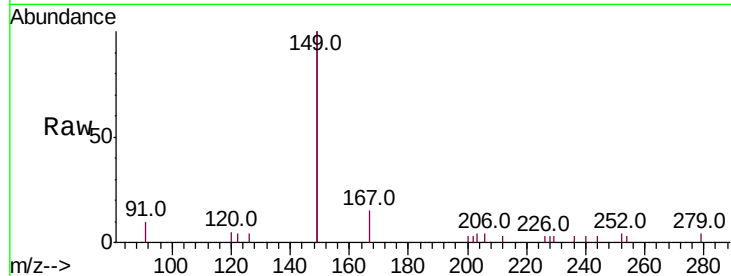
Tot Ion:149 Resp: 3535

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

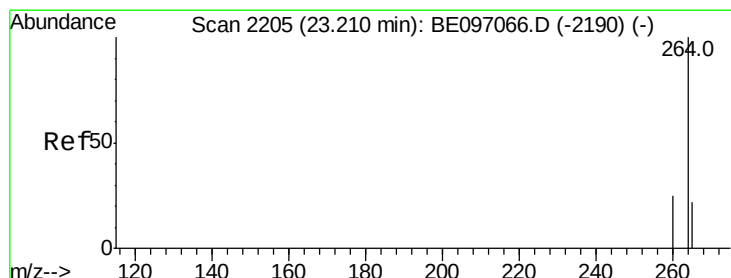
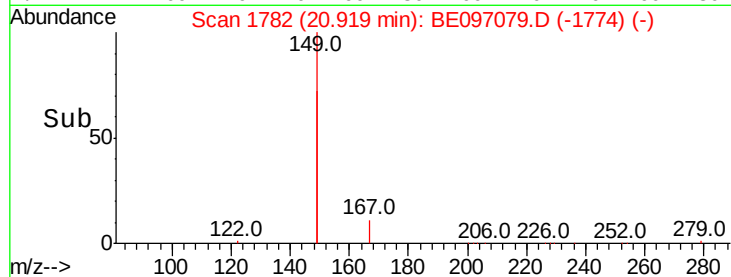
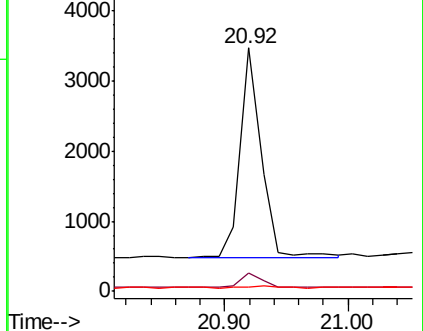
279 1.1 0.7 1.1#



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: 23.21 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BE097079.D

Acq: 24 Jul 2018 19:42

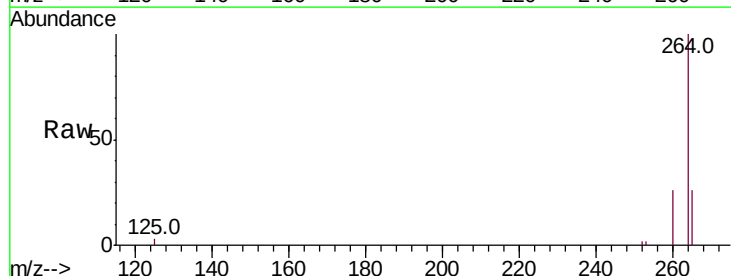
Tgt Ion:264 Resp: 10348

Ion Ratio Lower Upper

264 100

260 25.6 20.5 30.7

265 25.8 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

