

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
 Data File : BE096944.D
 Acq On : 16 Jul 2018 18:48
 Operator : SJ/JU
 Sample : J3170-13DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE120D1-071118DL

Quant Time: Jul 17 15:17:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 15:02:56 2018
 Response via : Initial Calibration

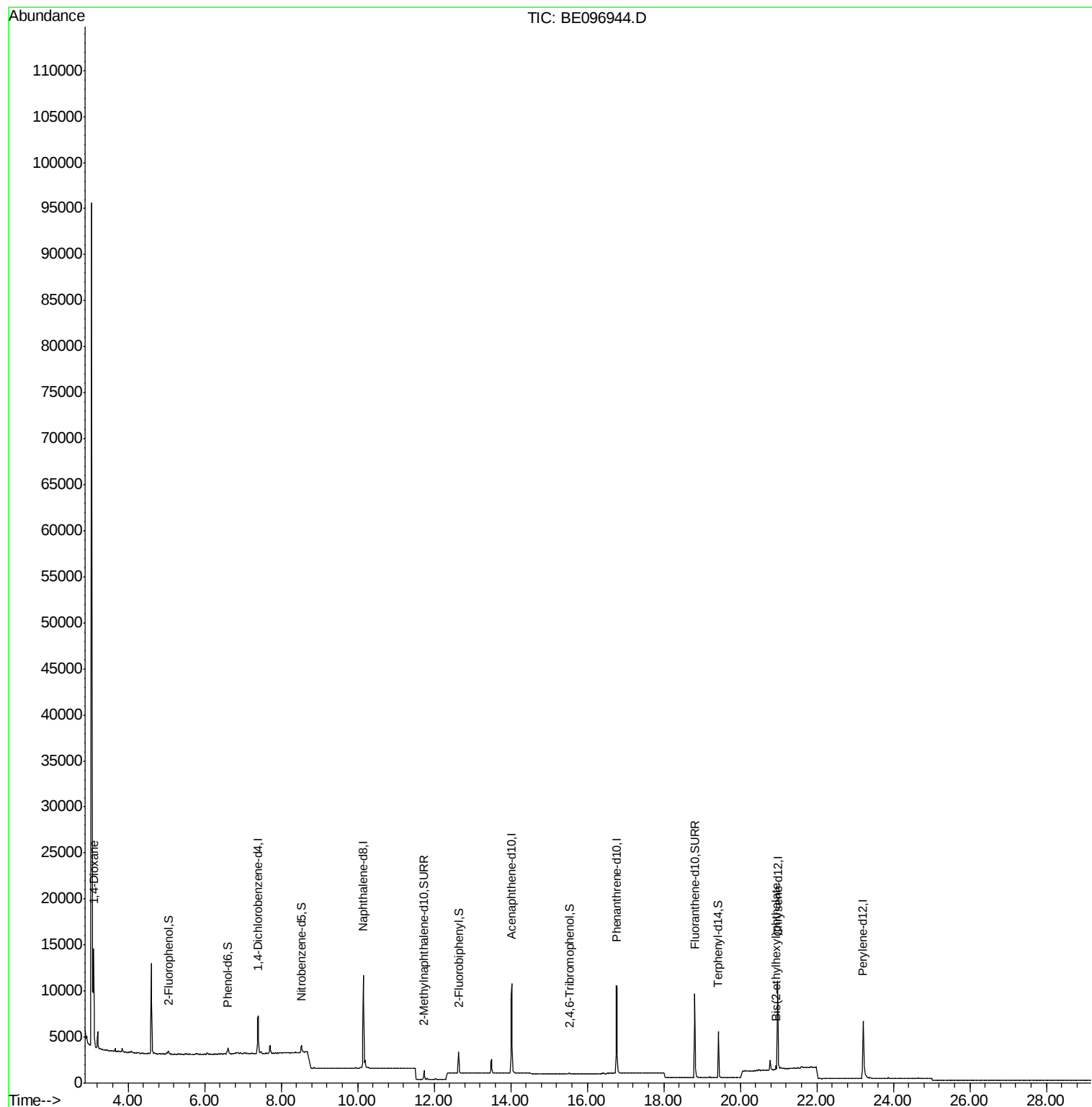
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2038	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	11050	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	5937	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	14794	0.40	ng	0.00
27) Chrysene-d12	20.98	240	10477	0.40	ng	0.00
34) Perylene-d12	23.21	264	10162	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	209	0.04	ng	0.00
5) Phenol-d6	6.60	99	183	0.02	ng	0.00
8) Nitrobenzene-d5	8.53	82	766	0.10	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	1532	0.10	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	118	0.13	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	2341	0.11	ng	0.00
25) Fluoranthene-d10	18.81	212	12528	0.10	ng	0.00
29) Terphenyl-d14	19.43	244	4316	0.21	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.09	88	4848	1.662	ng	# 88
32) Bis(2-ethylhexyl)phthalate	20.93	149	530	0.021	ng	# 83

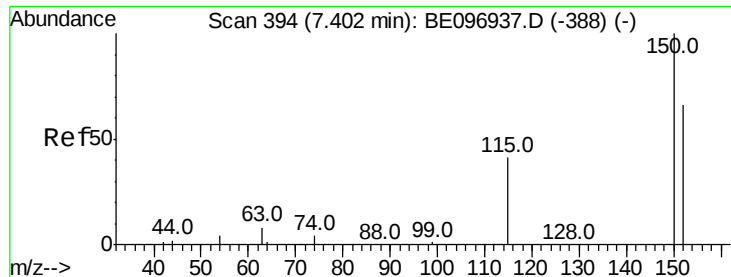
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 394

Delta R.T. -0.00 min

Lab File: BE096944.D

Acq: 16 Jul 2018 18:48

Instrument :

BNA_E

ClientSampleId :

RE120D1-071118DL

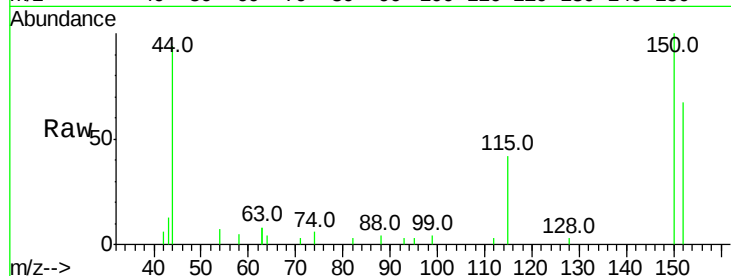
Tot Ion:152 Resp: 2038

Ion Ratio Lower Upper

152 100

150 149.8 117.2 175.8

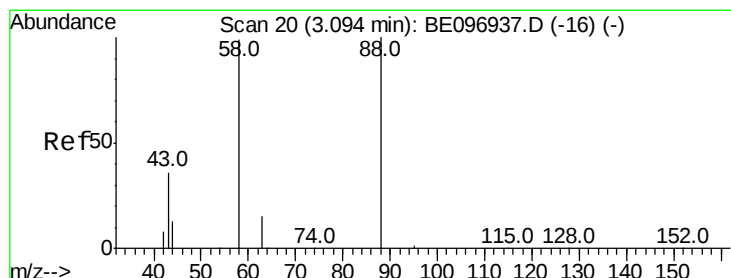
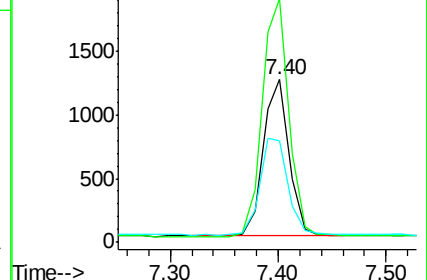
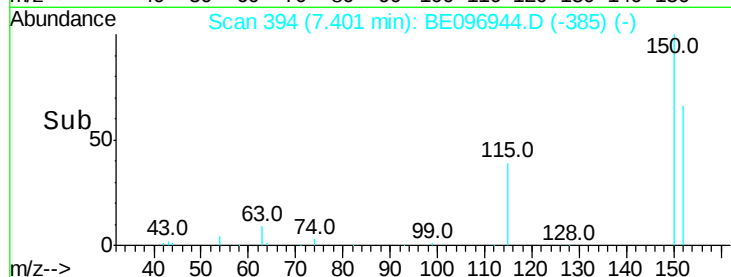
115 62.2 57.0 85.6



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



#2

1,4-Dioxane

Concen: 1.662 ng

RT: 3.09 min Scan# 20

Delta R.T. -0.00 min

Lab File: BE096944.D

Acq: 16 Jul 2018 18:48

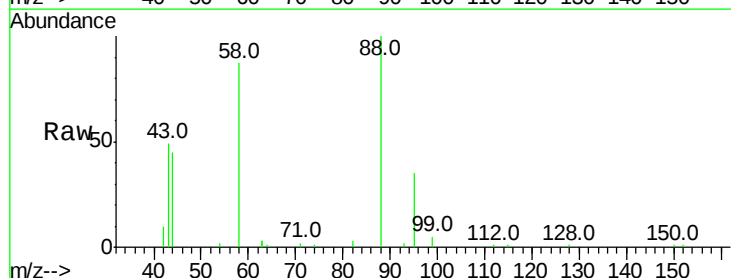
Tgt Ion: 88 Resp: 4848

Ion Ratio Lower Upper

88 100

58 82.6 63.2 94.8

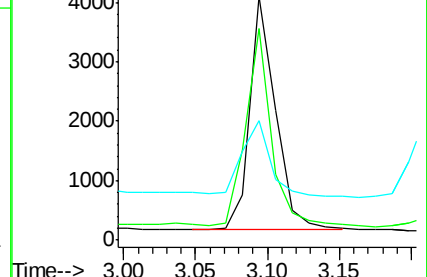
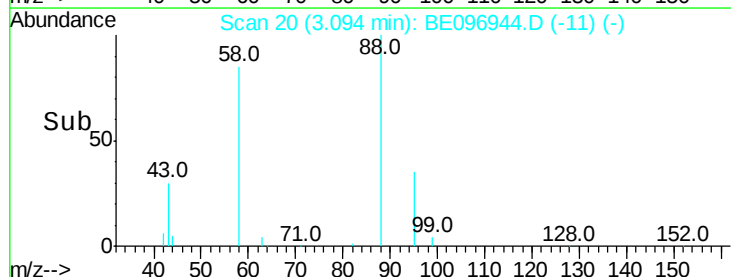
43 35.5 41.2 61.8#



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: 0.043 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE096944.D

Acq: 16 Jul 2018 18:48

Instrument :

BNA_E

ClientSampleId :

RE120D1-071118DL

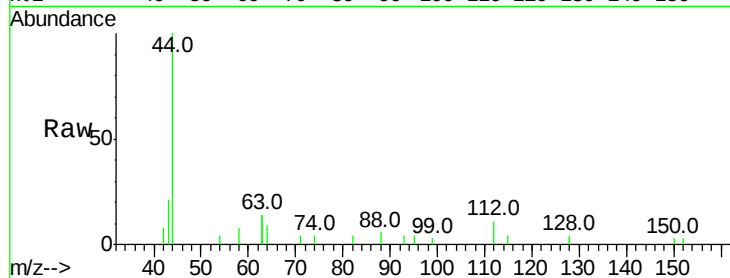
Tot Ion:112 Resp: 209

Ion Ratio Lower Upper

112 100

64 66.5 60.1 90.1

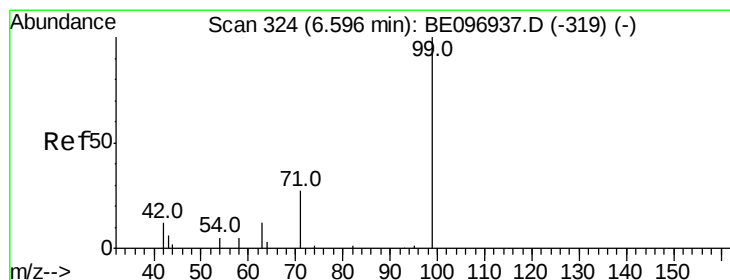
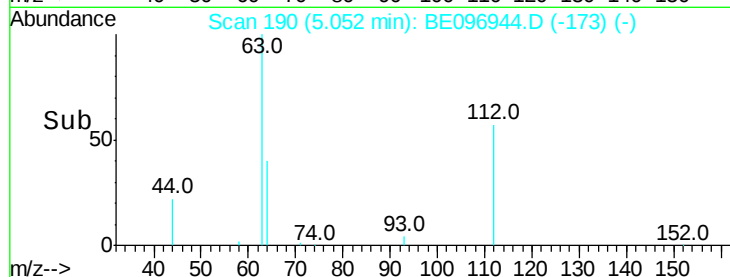
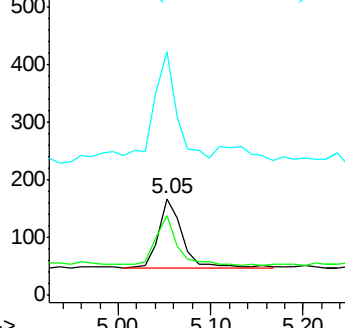
63 183.7 116.8 175.2#



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: 0.025 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE096944.D

Acq: 16 Jul 2018 18:48

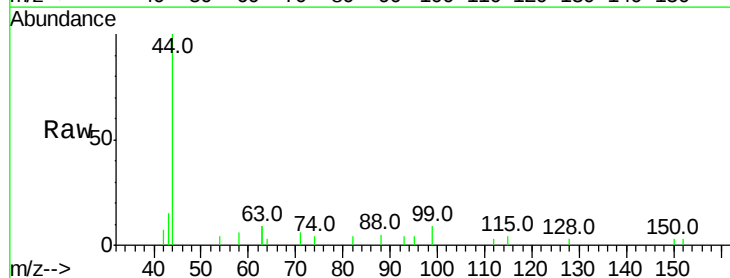
Tgt Ion: 99 Resp: 183

Ion Ratio Lower Upper

99 100

42 43.2 20.2 30.2#

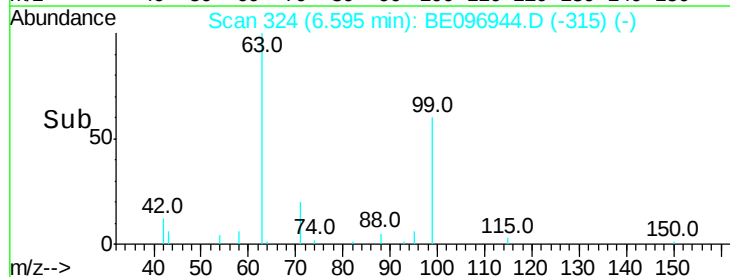
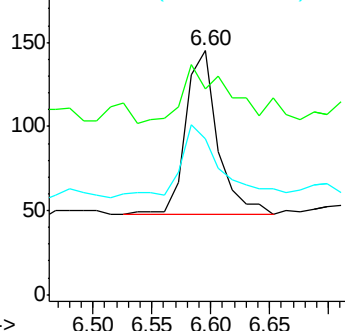
71 53.0 28.4 42.6#

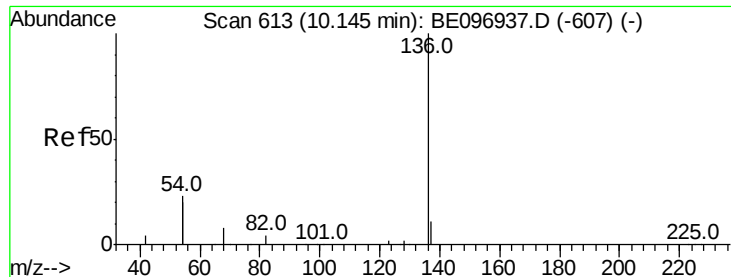


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE096944.D

Acq: 16 Jul 2018 18:48

Instrument :

BNA_E

ClientSampleId :

RE120D1-071118DL

Tot Ion:136 Resp: 11050

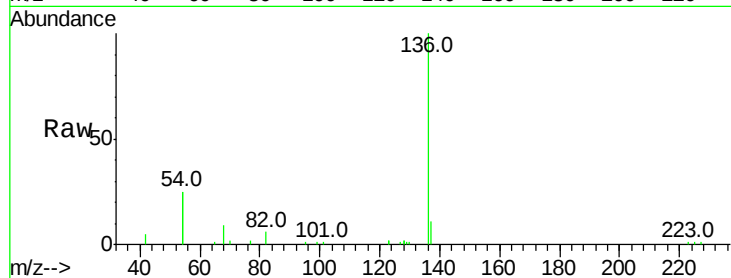
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 50.0 29.1 43.7#

68 9.4 6.2 9.2#

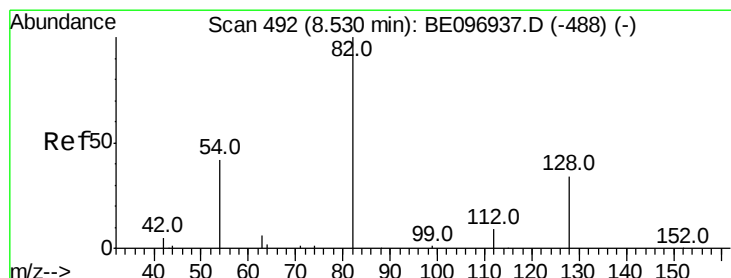
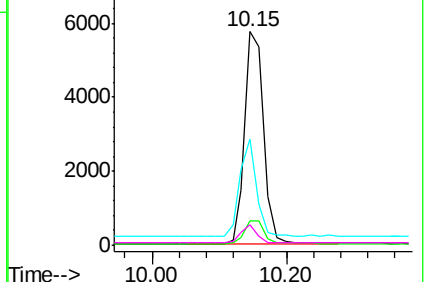
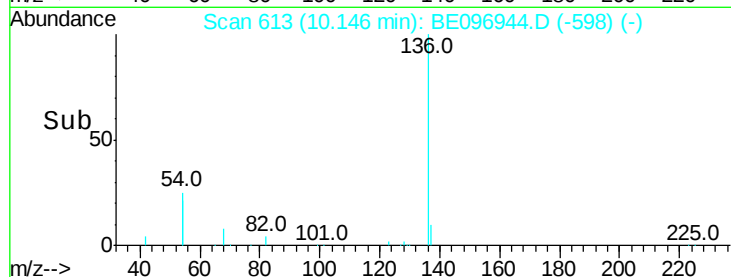


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.095 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.00 min

Lab File: BE096944.D

Acq: 16 Jul 2018 18:48

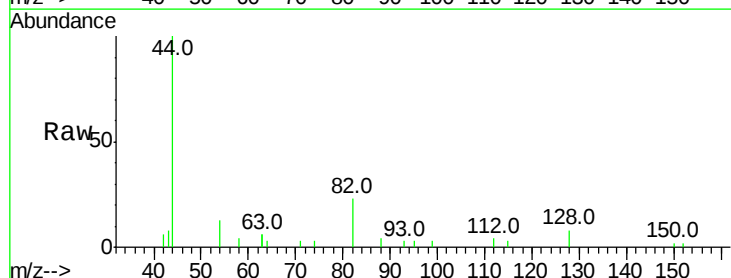
Tgt Ion: 82 Resp: 766

Ion Ratio Lower Upper

82 100

128 37.1 24.0 36.0#

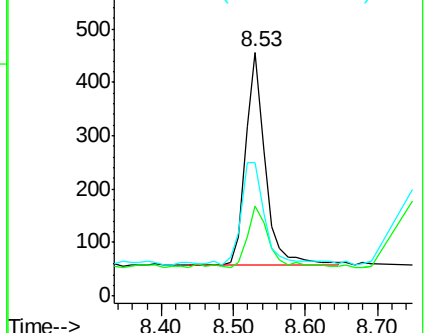
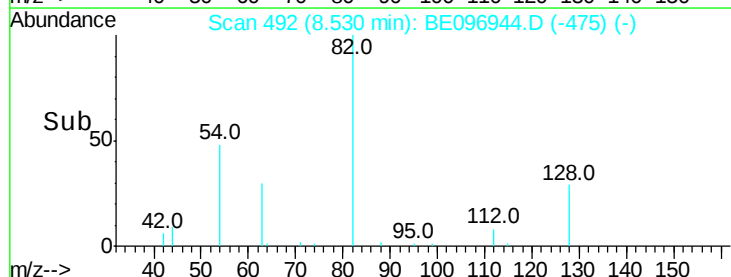
54 54.8 40.0 60.0

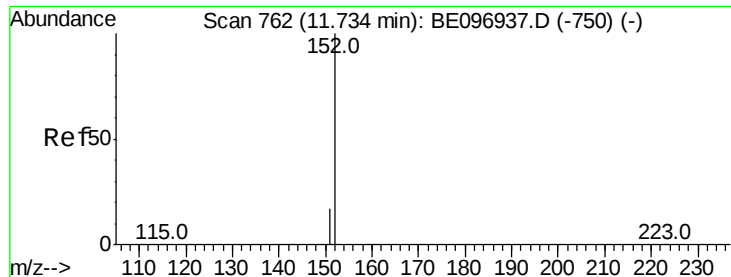


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.095 ng

RT: 11.73 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE096944.D

Acq: 16 Jul 2018 18:48

Instrument :

BNA_E

ClientSampleId :

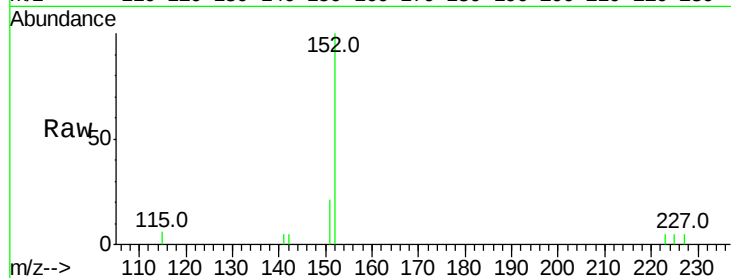
RE120D1-071118DL

Tot Ion:152 Resp: 1532

Ion Ratio Lower Upper

152 100

151 19.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.73

1000

800

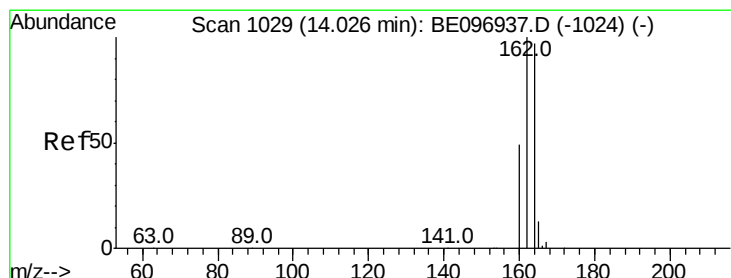
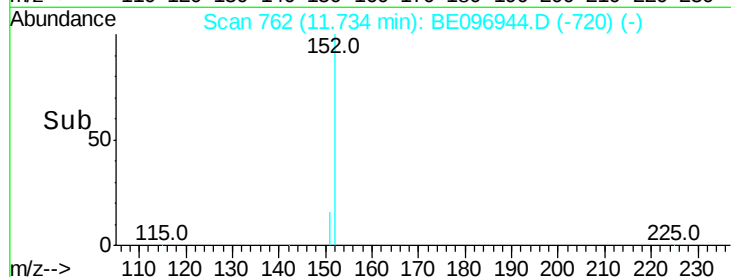
600

400

200

0

Time--> 11.70 11.80



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BE096944.D

Acq: 16 Jul 2018 18:48

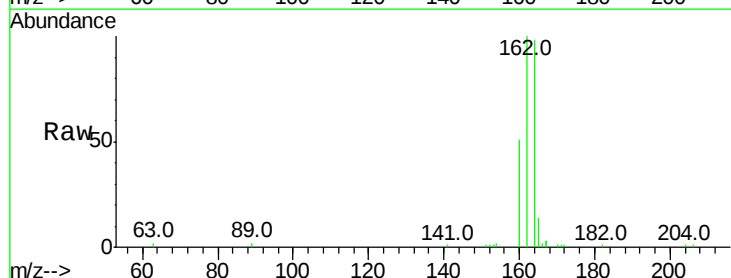
Tgt Ion:164 Resp: 5937

Ion Ratio Lower Upper

164 100

162 102.2 83.1 124.7

160 52.2 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

14.03

5000

4000

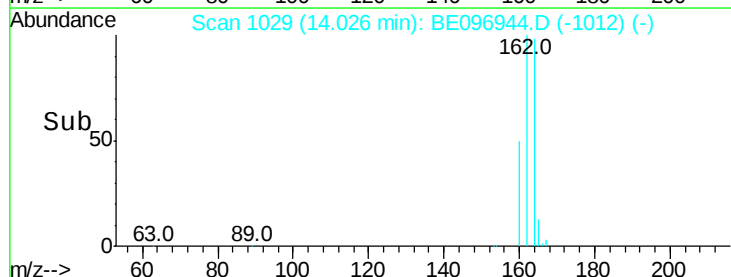
3000

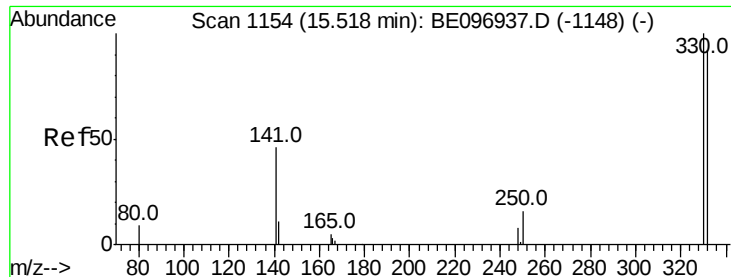
2000

1000

0

Time--> 13.90 14.00 14.10

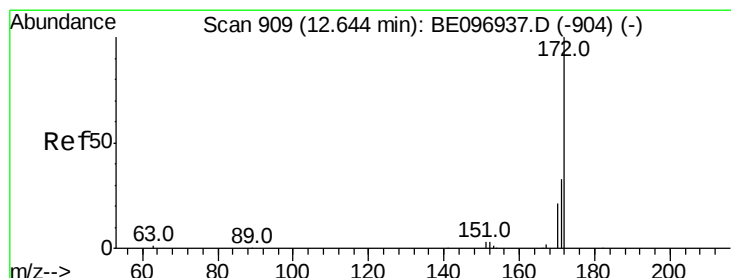
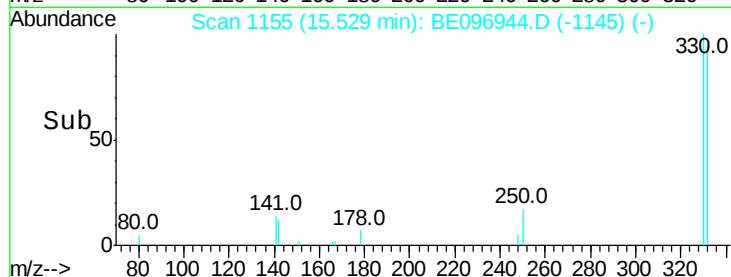
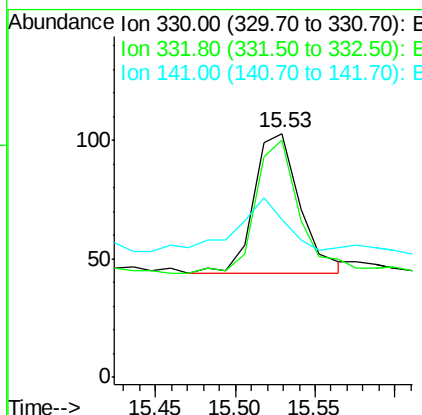
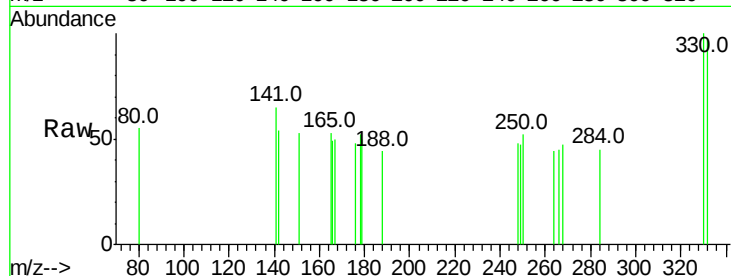




#14
 2,4,6-Tribromophenol
 Concen: 0.133 ng
 RT: 15.53 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: BE096944.D
 Acq: 16 Jul 2018 18:48

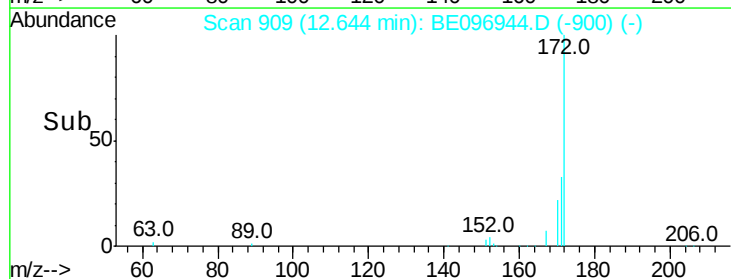
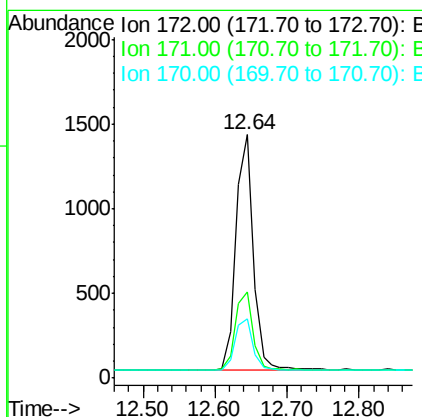
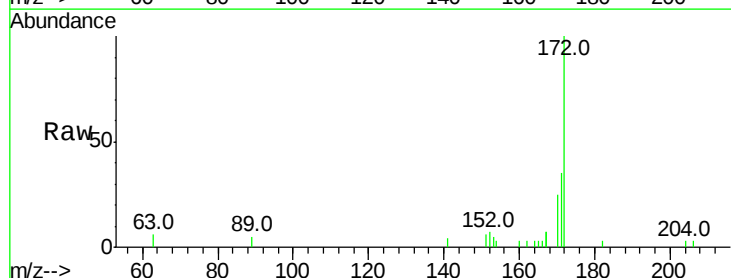
Instrument :
 BNA_E
 ClientSampleId :
 RE120D1-071118DL

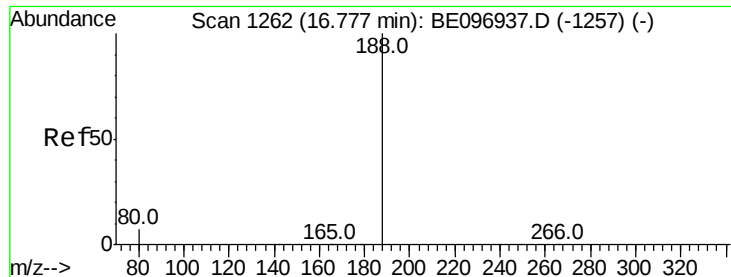
Tot Ion:330 Resp: 118
 Ion Ratio Lower Upper
 330 100
 332 90.7 152.7 229.1#
 141 43.2 33.7 50.5



#15
 2-Fluorobiphenyl
 Concen: 0.106 ng
 RT: 12.64 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BE096944.D
 Acq: 16 Jul 2018 18:48

Tgt Ion:172 Resp: 2341
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.9 44.9
 170 24.6 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.78 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BE096944.D

Acq: 16 Jul 2018 18:48

Instrument :

BNA_E

ClientSampleId :

RE120D1-071118DL

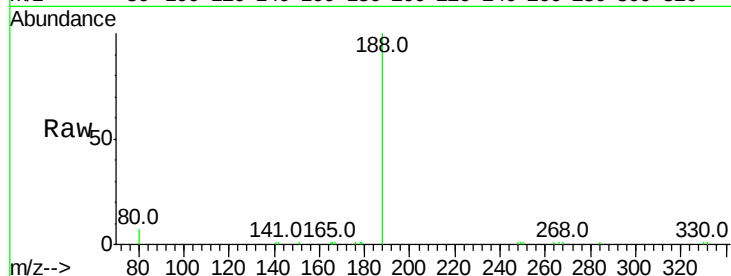
Tot Ion:188 Resp: 14794

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

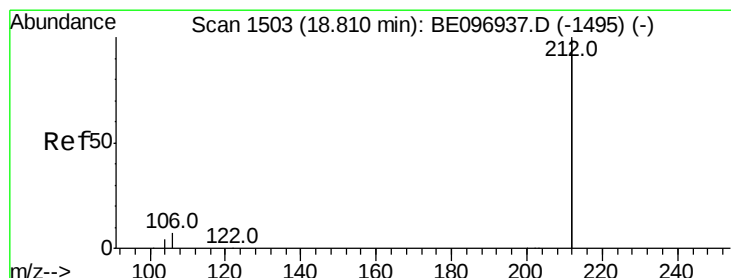
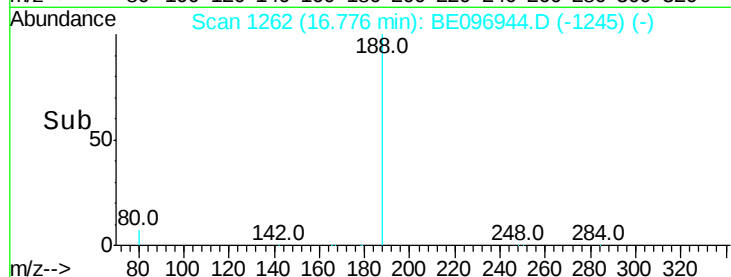
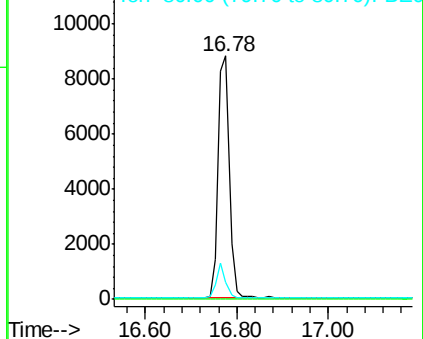
80 7.3 3.6 5.4#



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: 0.097 ng

RT: 18.81 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BE096944.D

Acq: 16 Jul 2018 18:48

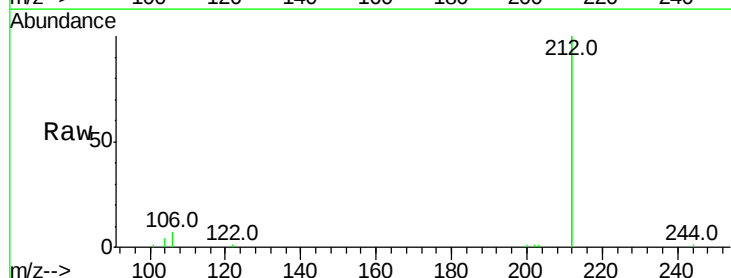
Tgt Ion:212 Resp: 12528

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

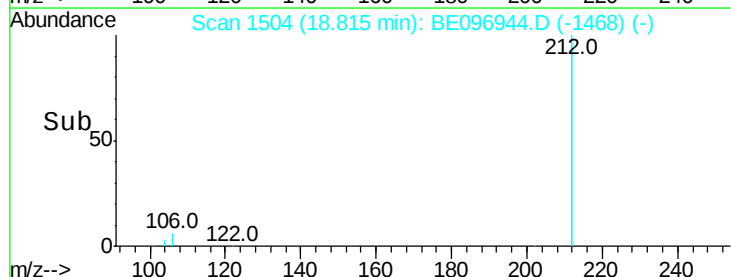
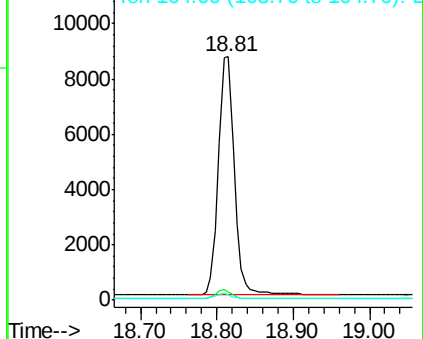
104 1.9 1.6 2.4

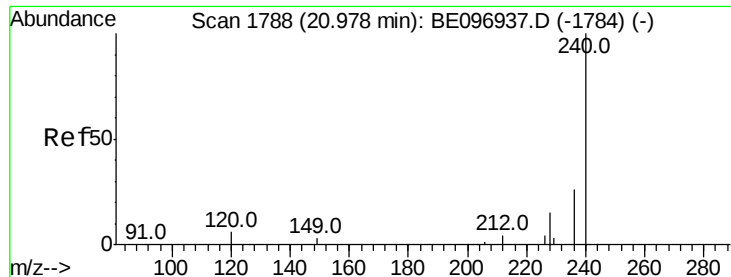


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE096944.D

Acq: 16 Jul 2018 18:48

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RE120D1-071118DL

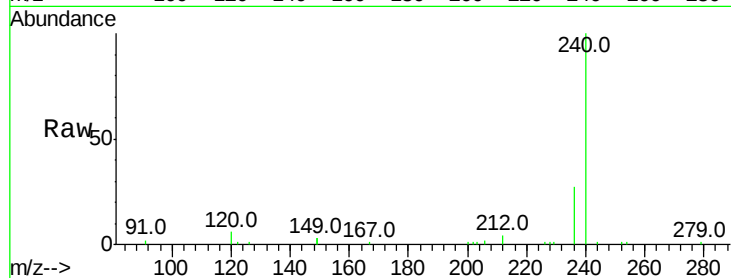
Tot Ion:240 Resp: 10477

Ion Ratio Lower Upper

240 100

120 6.3 5.5 8.3

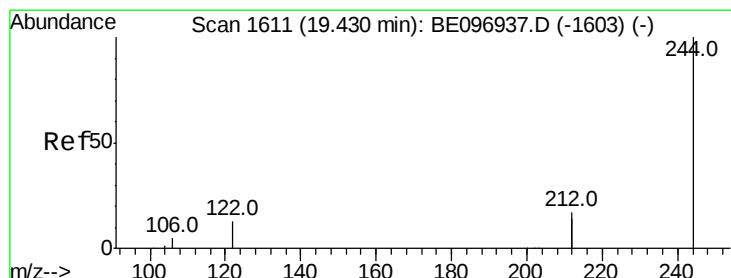
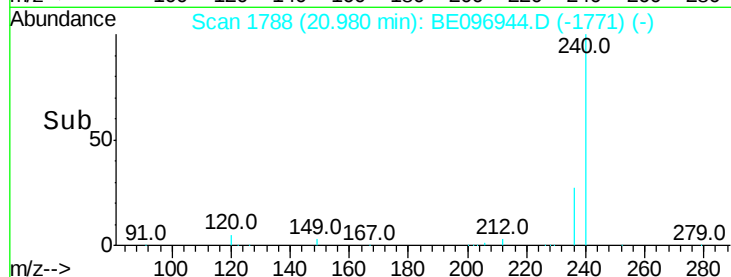
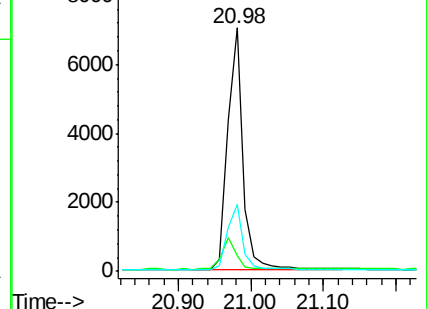
236 27.4 20.7 31.1



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: 0.214 ng

RT: 19.43 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BE096944.D

Acq: 16 Jul 2018 18:48

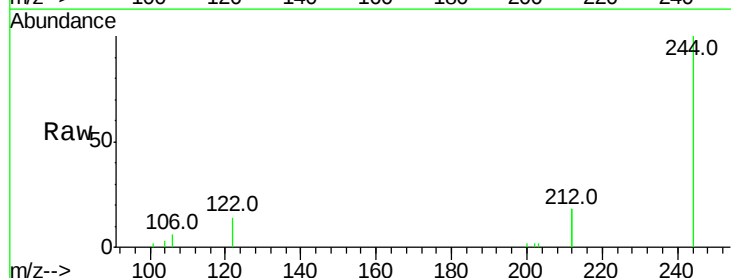
Tgt Ion:244 Resp: 4316

Ion Ratio Lower Upper

244 100

212 35.6 25.4 38.0

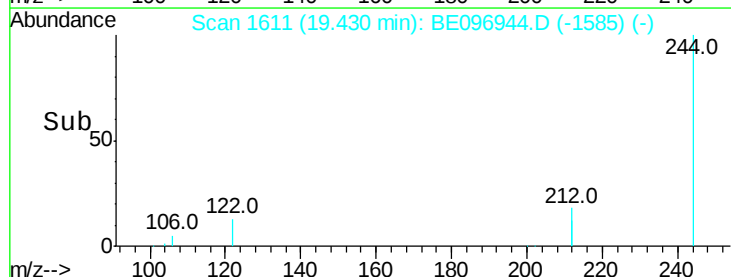
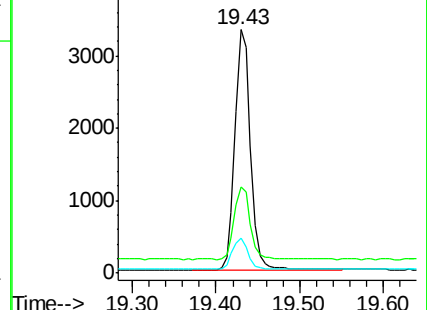
122 14.4 8.1 12.1#

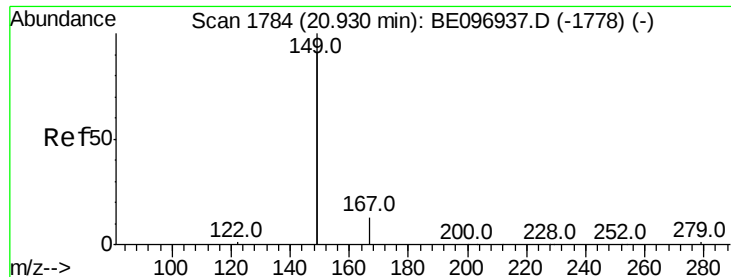


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.021 ng

RT: 20.93 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BE096944.D

Acq: 16 Jul 2018 18:48

Instrument :

BNA_E

ClientSampleId :

RE120D1-071118DL

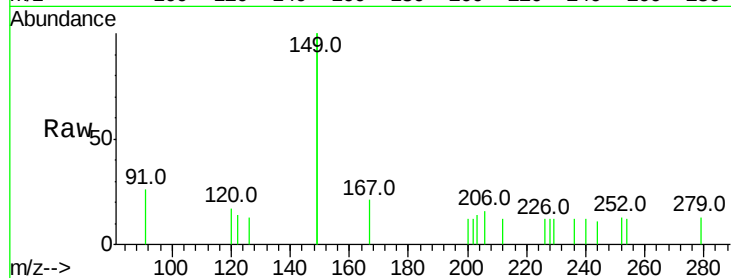
Tot Ion:149 Resp: 530

Ion Ratio Lower Upper

149 100

167 13.2 5.4 8.0#

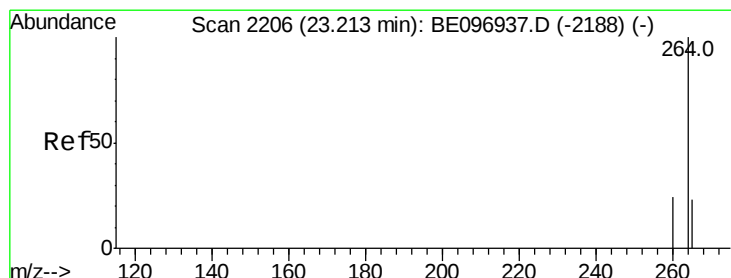
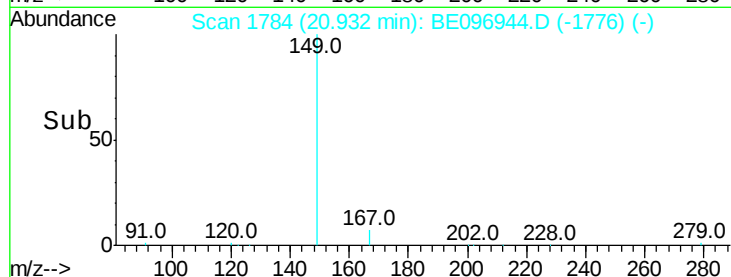
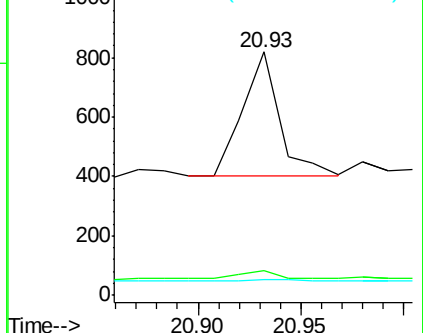
279 2.1 0.7 1.1#



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# 2206

Delta R.T. -0.00 min

Lab File: BE096944.D

Acq: 16 Jul 2018 18:48

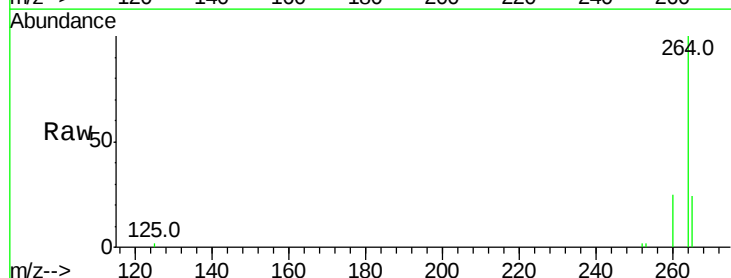
Tgt Ion:264 Resp: 10162

Ion Ratio Lower Upper

264 100

260 25.3 20.5 30.7

265 24.2 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

