

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071318\
 Data File : BE096910.D
 Acq On : 13 Jul 2018 17:16
 Operator : SJ/JU
 Sample : J3170-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE120D2-071118

Quant Time: Jul 13 18:02:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 17:02:57 2018
 Response via : Initial Calibration

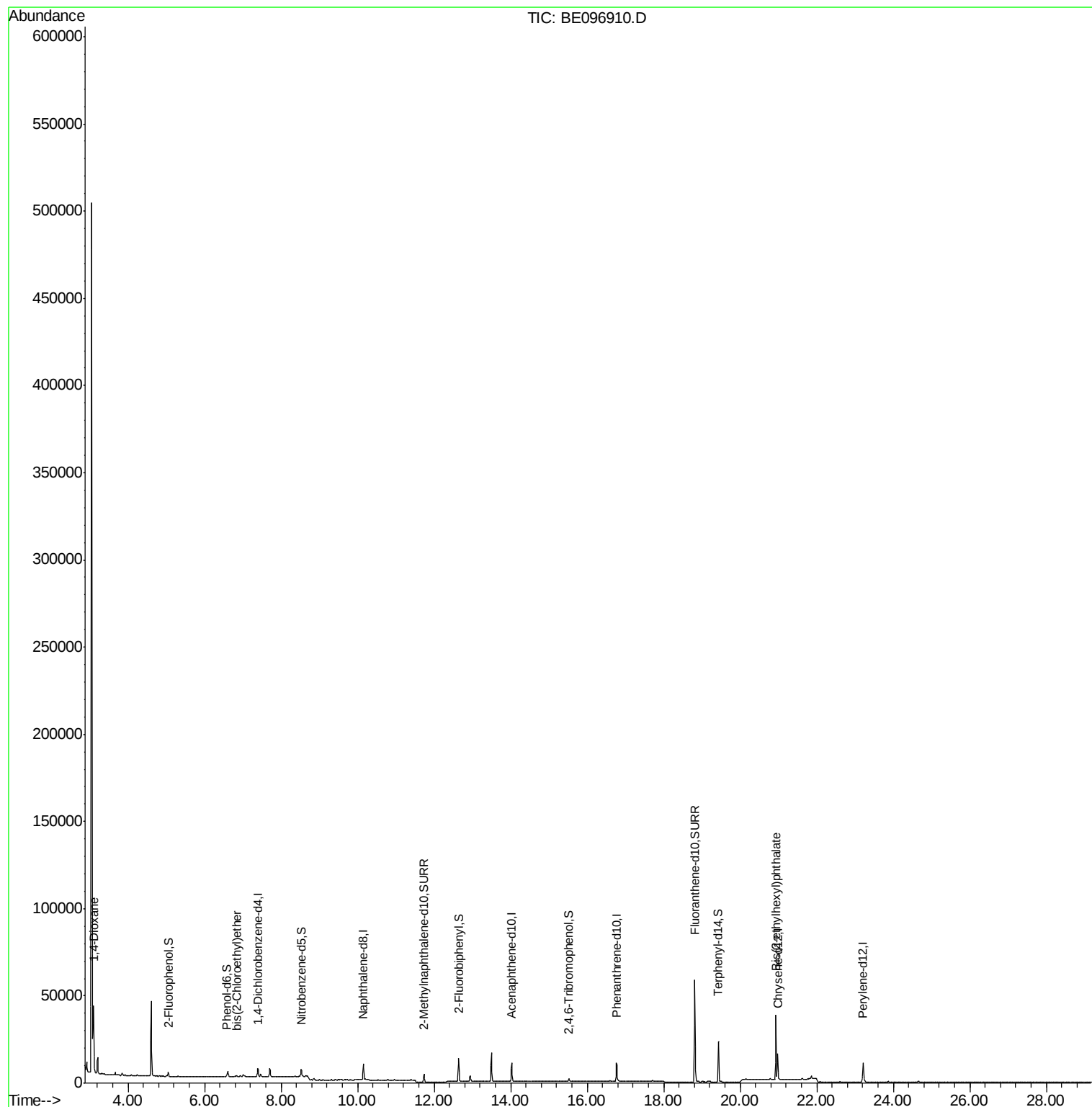
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2042	0.40	ng	0.01
7) Naphthalene-d8	10.15	136	10230	0.40	ng	0.00
13) Acenaphthene-d10	14.02	164	5808	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	15814	0.40	ng	0.00
27) Chrysene-d12	20.98	240	14982	0.40	ng	0.00
34) Perylene-d12	23.21	264	15051	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	1141	0.25	ng	0.00
5) Phenol-d6	6.59	99	945	0.14	ng	0.00
8) Nitrobenzene-d5	8.52	82	3511	0.57	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	6817	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	820	0.57	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	12059	0.57	ng	0.00
25) Fluoranthene-d10	18.81	212	76946	0.55	ng	0.00
29) Terphenyl-d14	19.43	244	20103	0.70	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.10	88	18391	6.010	ng	Qvalue # 90
6) bis(2-Chloroethyl)ether	6.84	93	214	0.029	ng	85
32) Bis(2-ethylhexyl)phthalate	20.93	149	36757	1.236	ng	100

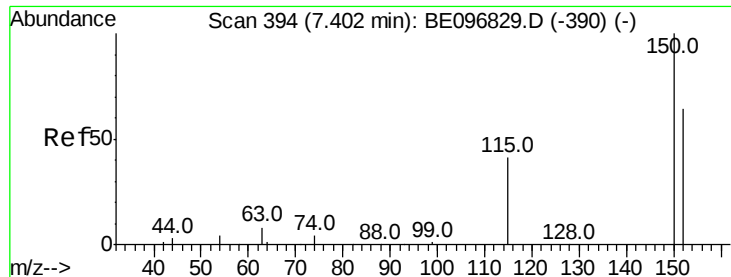
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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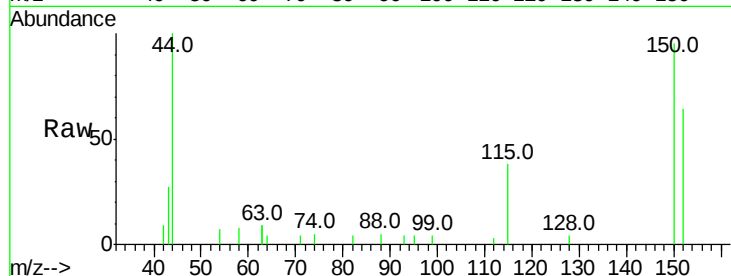


#1

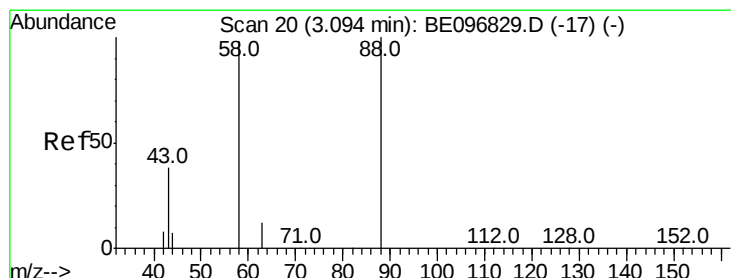
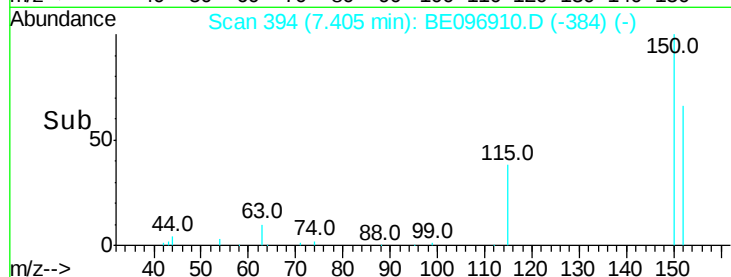
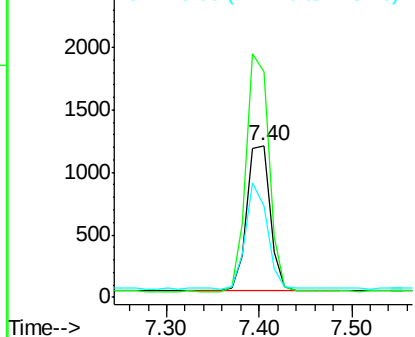
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.01 min
Lab File: BE096910.D
Acq: 13 Jul 2018 17:16

Instrument :
BNA_E
ClientSampleId :
RE120D2-071118

Tot Ion:152 Resp: 2042
Ion Ratio Lower Upper
152 100
150 148.4 117.2 175.8
115 59.9 57.0 85.6



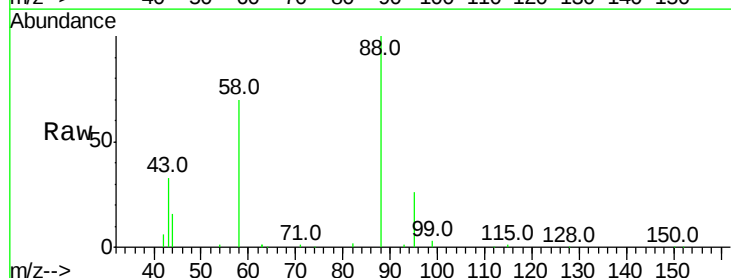
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



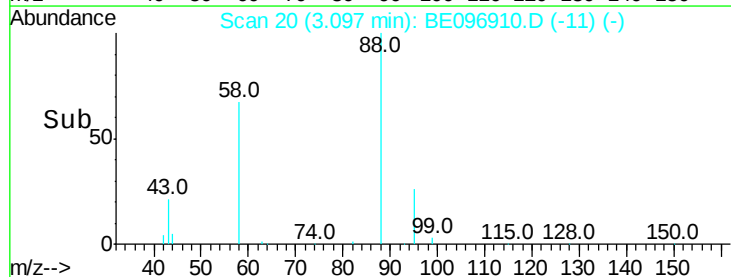
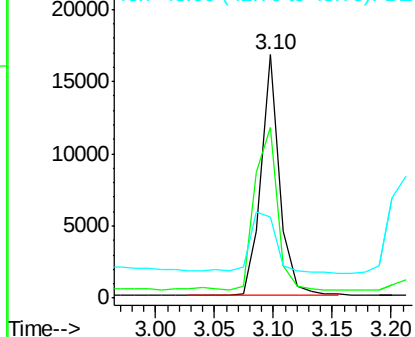
#2

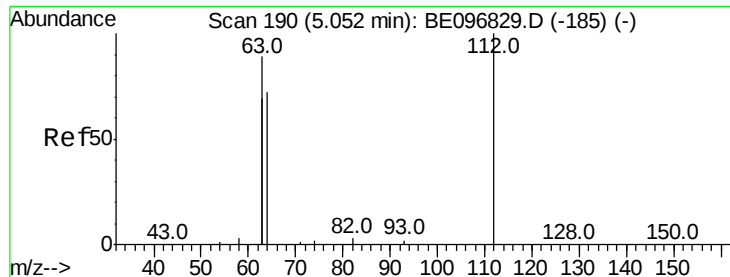
1,4-Dioxane
Concen: 6.010 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE096910.D
Acq: 13 Jul 2018 17:16

Tgt Ion: 88 Resp: 18391
Ion Ratio Lower Upper
88 100
58 81.2 63.2 94.8
43 36.5 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: 0.250 ng

RT: 5.06 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE096910.D

Acq: 13 Jul 2018 17:16

Instrument :

BNA_E

ClientSampleId :

RE120D2-071118

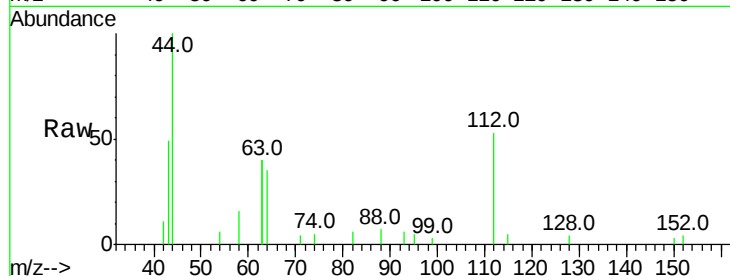
Tot Ion: 112 Resp: 1141

Ion Ratio Lower Upper

112 100

64 65.1 60.1 90.1

63 137.1 116.8 175.2

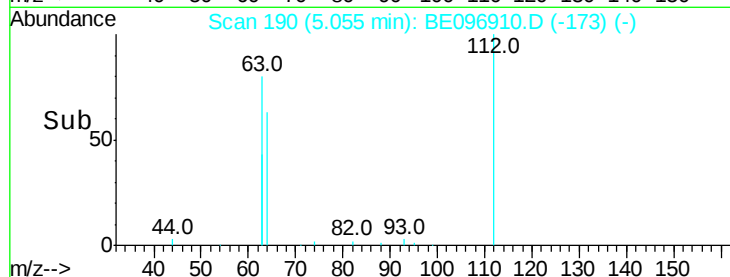


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->



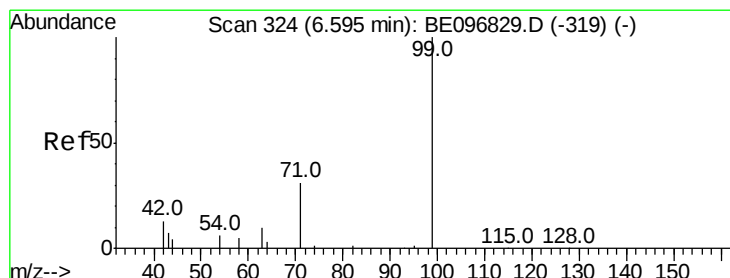
Abundance

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

Time-->



#5

Phenol-d6

Concen: 0.139 ng

RT: 6.59 min Scan# 323

Delta R.T. 0.00 min

Lab File: BE096910.D

Acq: 13 Jul 2018 17:16

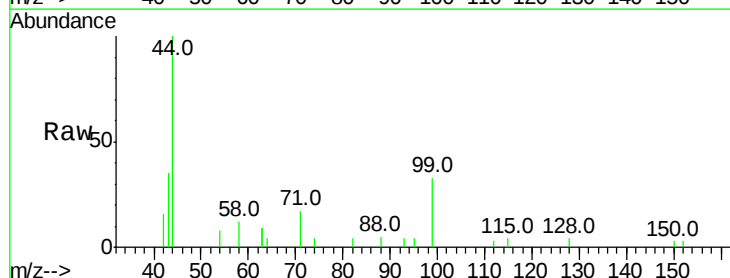
Tgt Ion: 99 Resp: 945

Ion Ratio Lower Upper

99 100

42 33.2 20.2 30.2#

71 42.1 28.4 42.6

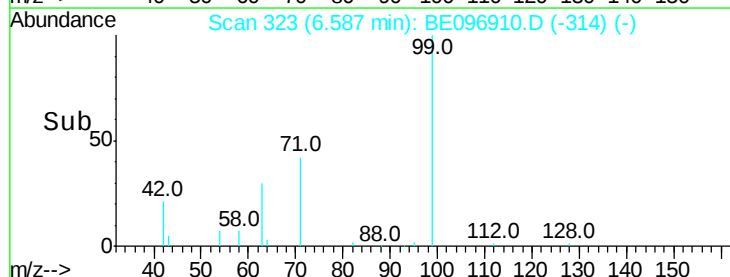


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->



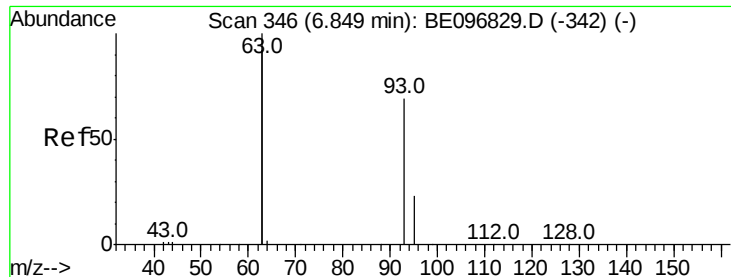
Abundance

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

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.029 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.00 min

Lab File: BE096910.D

Acq: 13 Jul 2018 17:16

Instrument :

BNA_E

ClientSampleId :

RE120D2-071118

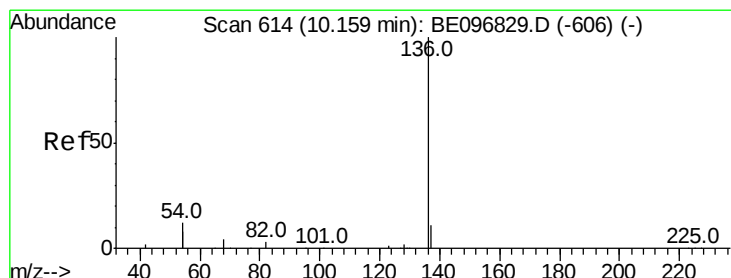
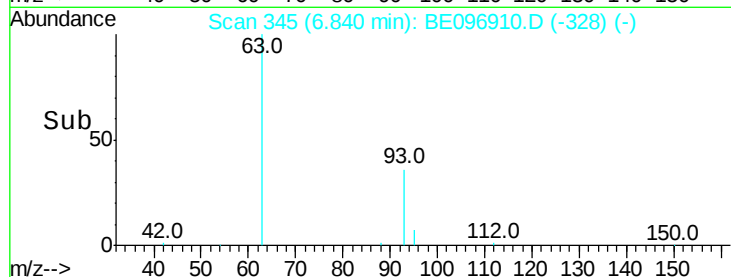
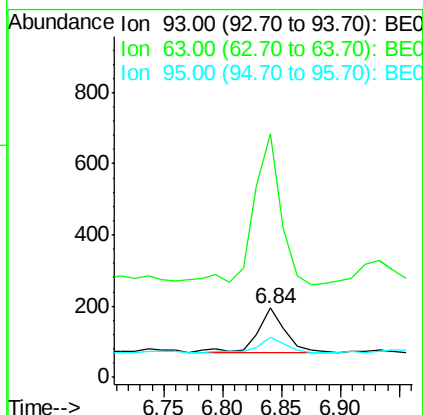
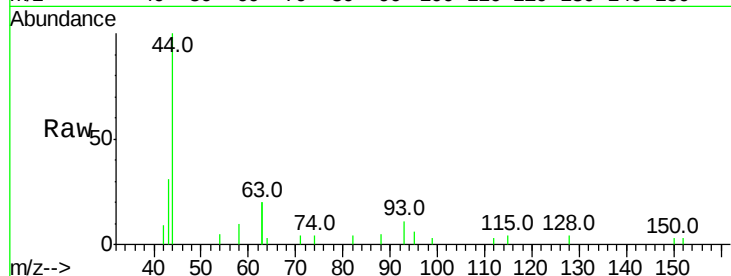
Tot Ion: 93 Resp: 214

Ion Ratio Lower Upper

93 100

63 310.7 275.3 412.9

95 36.0 25.2 37.8



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE096910.D

Acq: 13 Jul 2018 17:16

Tgt Ion:136 Resp: 10230

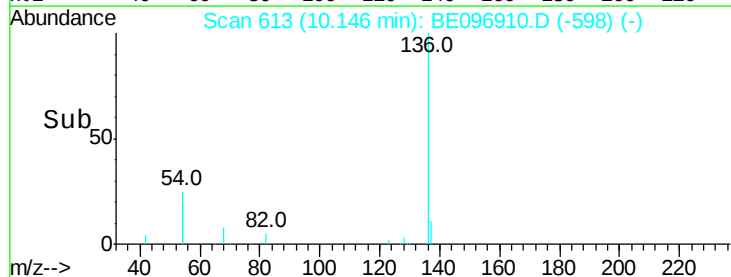
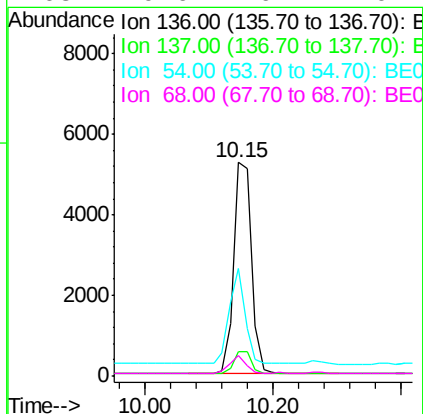
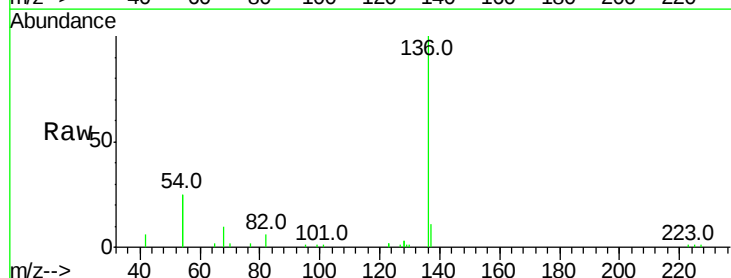
Ion Ratio Lower Upper

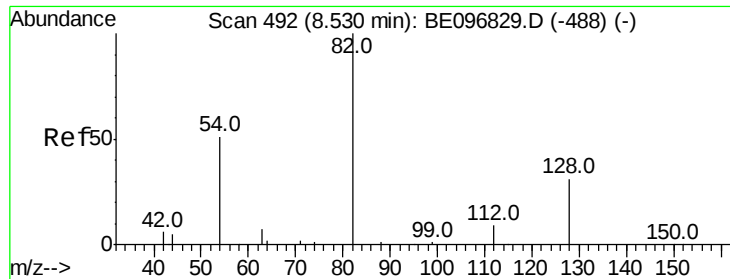
136 100

137 11.5 9.5 14.3

54 50.4 29.1 43.7#

68 9.6 6.2 9.2#





#8

Nitrobenzene-d5

Concen: 0.567 ng

RT: 8.52 min Scan# 491

Delta R.T. 0.00 min

Lab File: BE096910.D

Acq: 13 Jul 2018 17:16

Instrument :

BNA_E

ClientSampleId :

RE120D2-071118

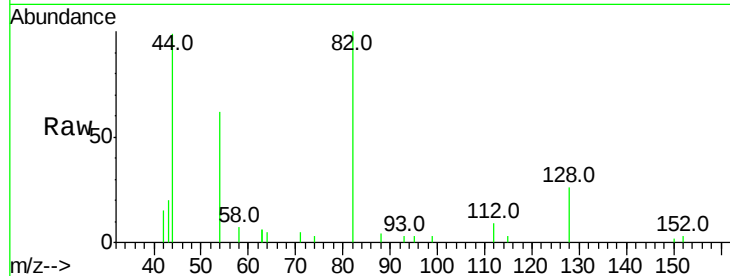
Tot Ion: 82 Resp: 3511

Ion Ratio Lower Upper

82 100

128 25.9 24.0 36.0

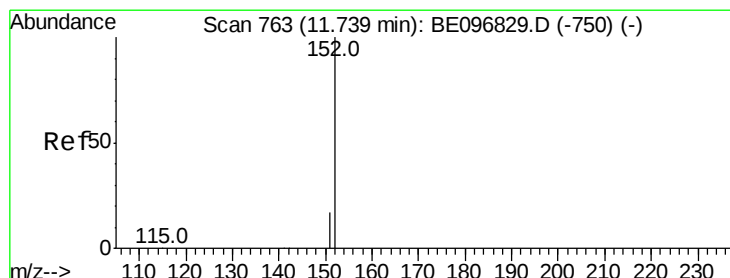
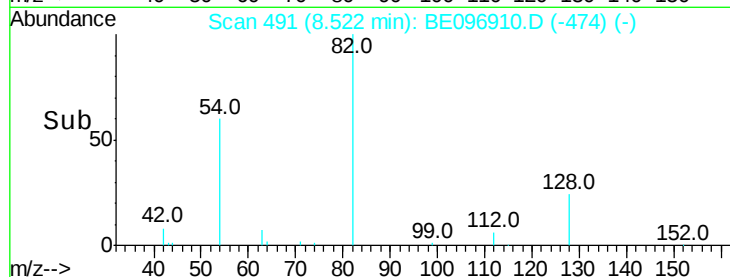
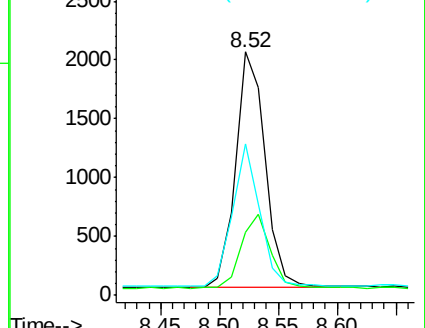
54 62.0 40.0 60.0#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.463 ng

RT: 11.73 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE096910.D

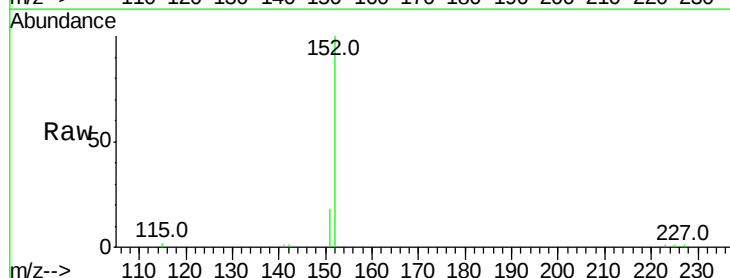
Acq: 13 Jul 2018 17:16

Tgt Ion: 152 Resp: 6817

Ion Ratio Lower Upper

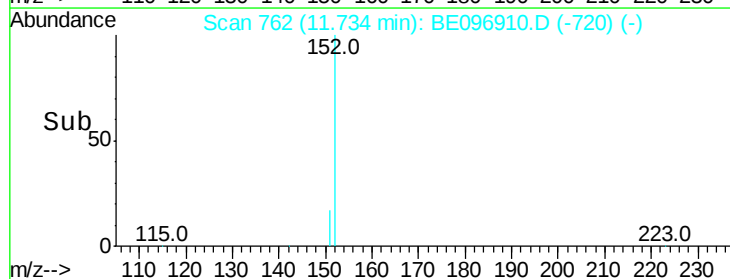
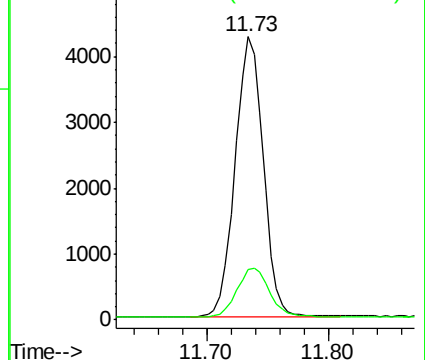
152 100

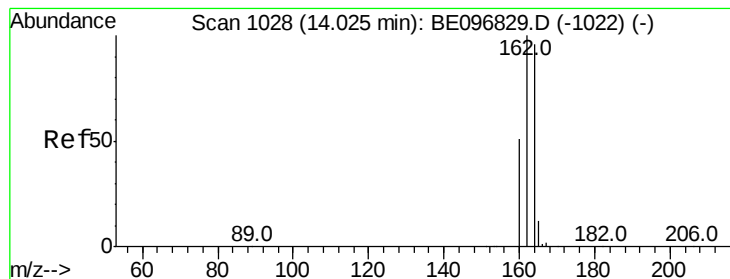
151 20.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.02 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BE096910.D

Acq: 13 Jul 2018 17:16

Instrument :

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ClientSampleId :

RE120D2-071118

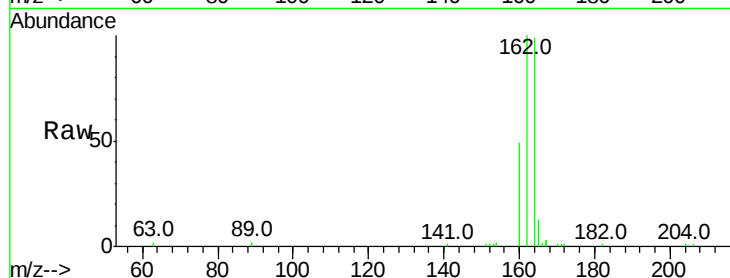
Tot Ion:164 Resp: 5808

Ion Ratio Lower Upper

164 100

162 100.7 83.1 124.7

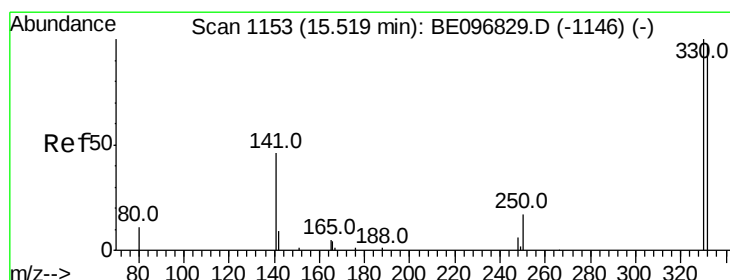
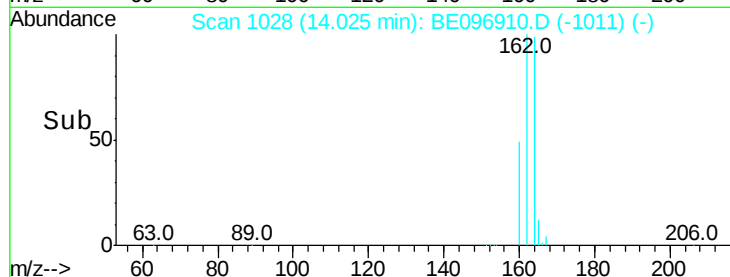
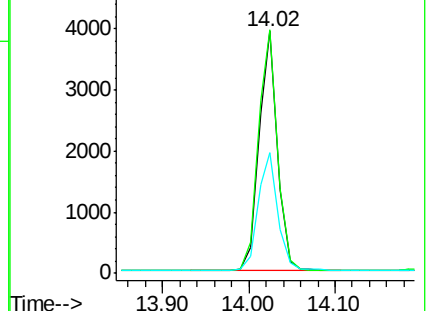
160 49.7 37.1 55.7



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



#14

2,4,6-Tribromophenol

Concen: 0.567 ng

RT: 15.52 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE096910.D

Acq: 13 Jul 2018 17:16

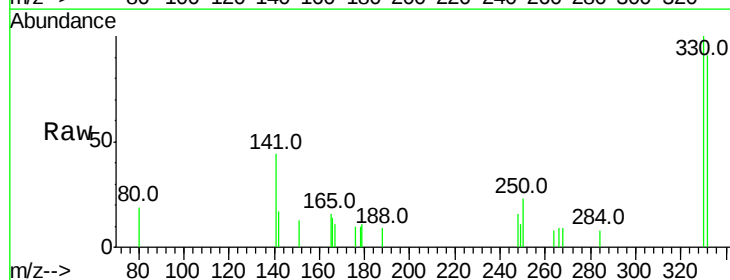
Tgt Ion:330 Resp: 820

Ion Ratio Lower Upper

330 100

332 91.7 152.7 229.1#

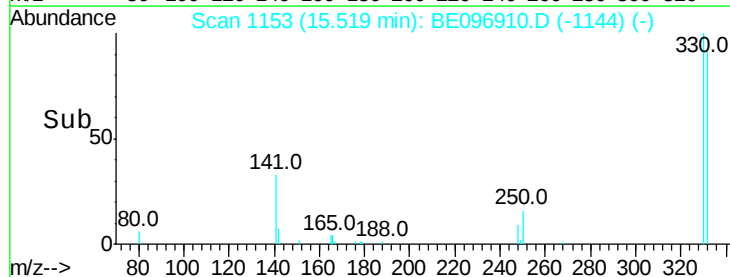
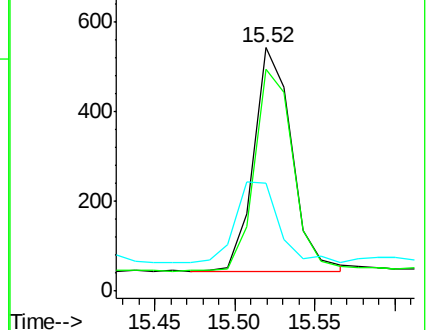
141 40.7 33.7 50.5

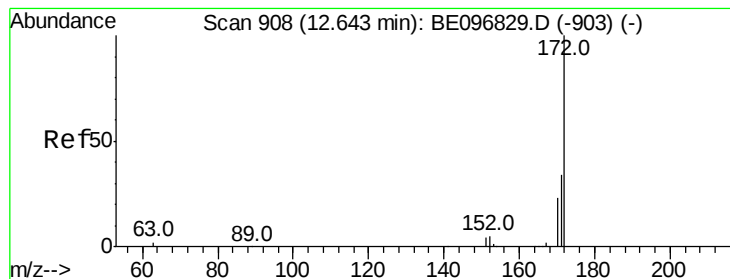


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.567 ng

RT: 12.64 min Scan# 908

Delta R.T. -0.00 min

Lab File: BE096910.D

Acq: 13 Jul 2018 17:16

Instrument :

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ClientSampleId :

RE120D2-071118

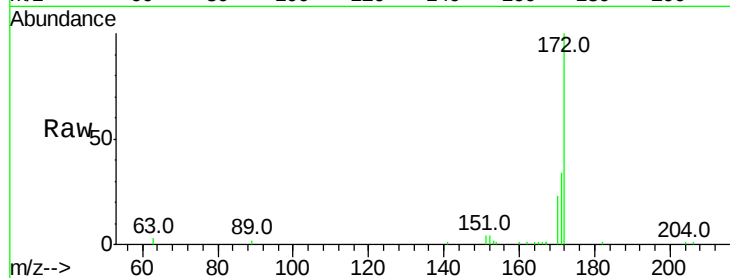
Tot Ion:172 Resp: 12059

Ion Ratio Lower Upper

172 100

171 33.9 29.9 44.9

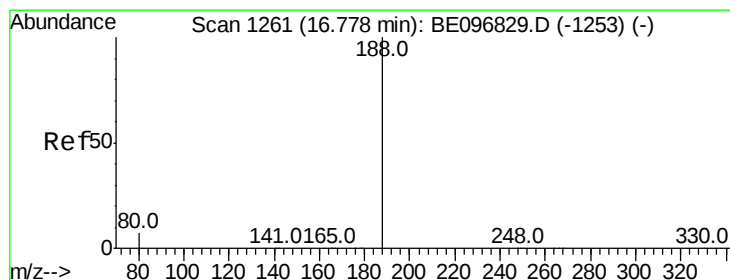
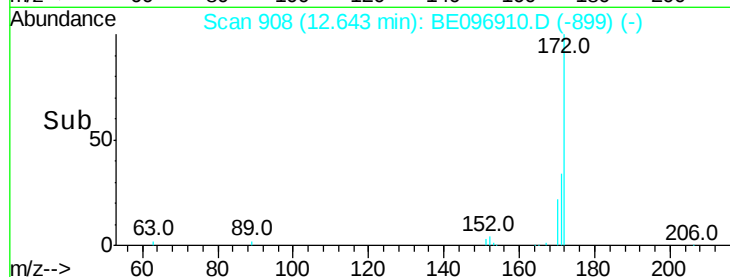
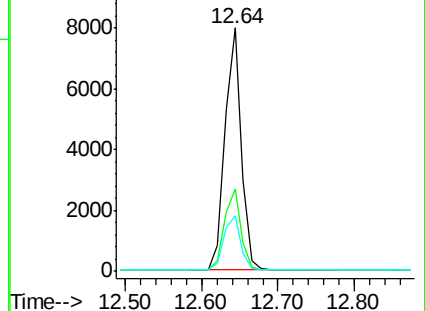
170 22.7 21.8 32.8



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: 16.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BE096910.D

Acq: 13 Jul 2018 17:16

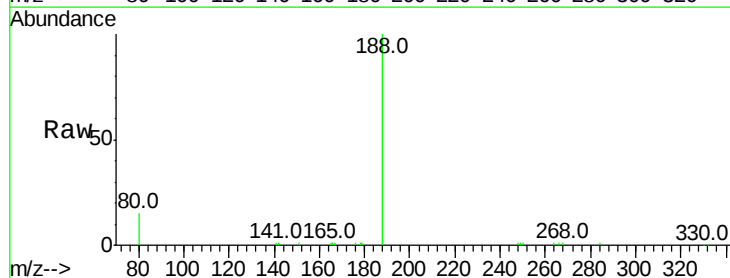
Tgt Ion:188 Resp: 15814

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

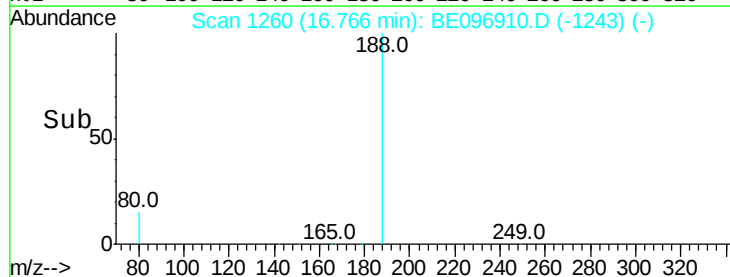
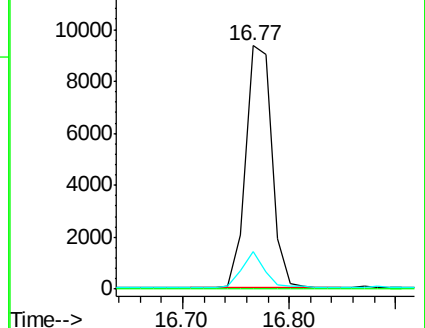
80 15.4 3.6 5.4#

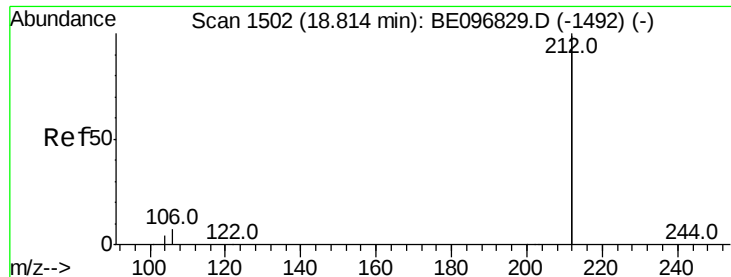


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.553 ng

RT: 18.81 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE096910.D

Acq: 13 Jul 2018 17:16

Instrument :

BNA_E

ClientSampleId :

RE120D2-071118

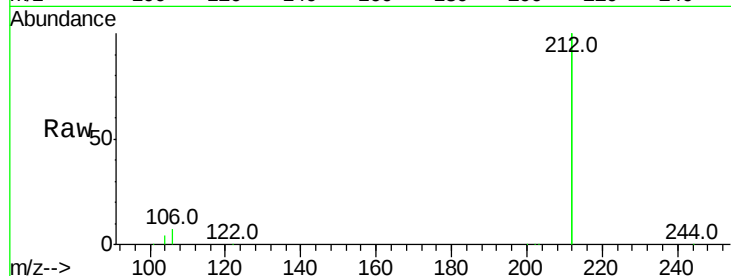
Tot Ion:212 Resp: 76946

Ion Ratio Lower Upper

212 100

106 3.6 2.8 4.2

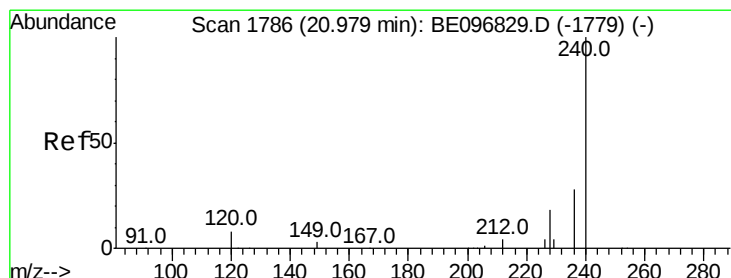
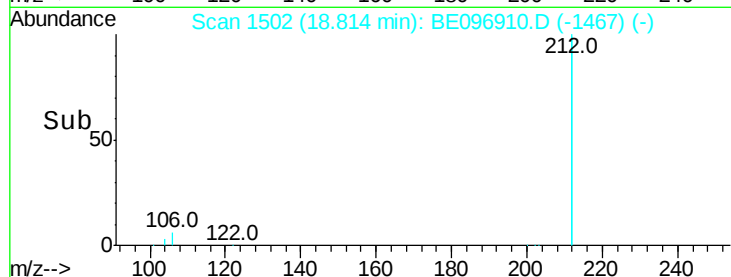
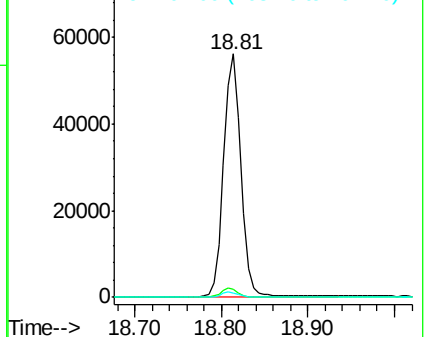
104 1.9 1.6 2.4



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# 1786

Delta R.T. 0.00 min

Lab File: BE096910.D

Acq: 13 Jul 2018 17:16

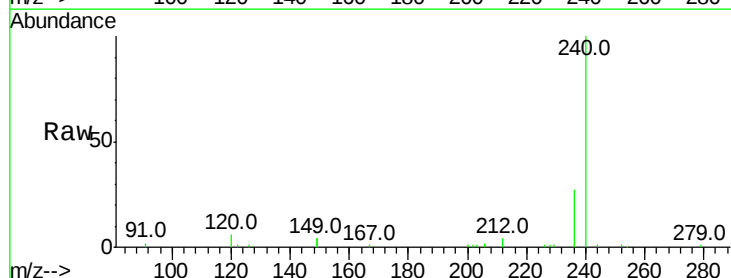
Tgt Ion:240 Resp: 14982

Ion Ratio Lower Upper

240 100

120 6.2 5.5 8.3

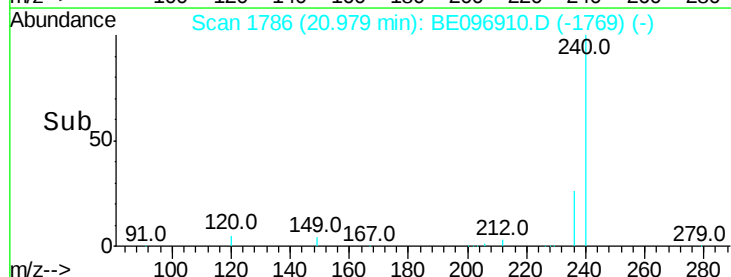
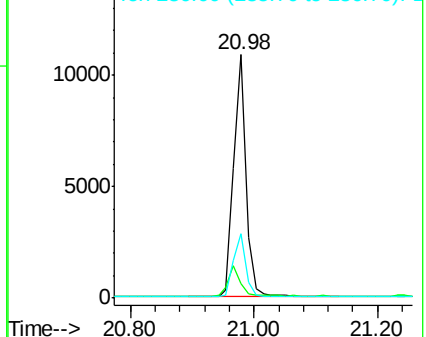
236 26.7 20.7 31.1

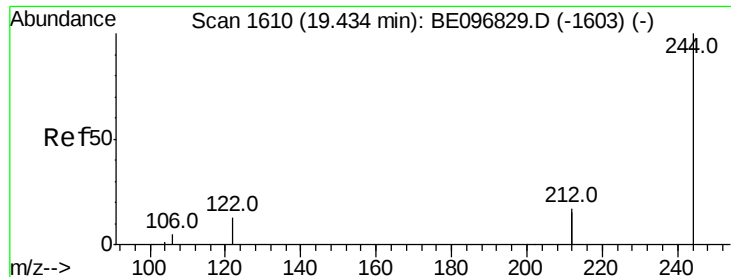


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.695 ng

RT: 19.43 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BE096910.D

Acq: 13 Jul 2018 17:16

Instrument :

BNA_E

ClientSampleId :

RE120D2-071118

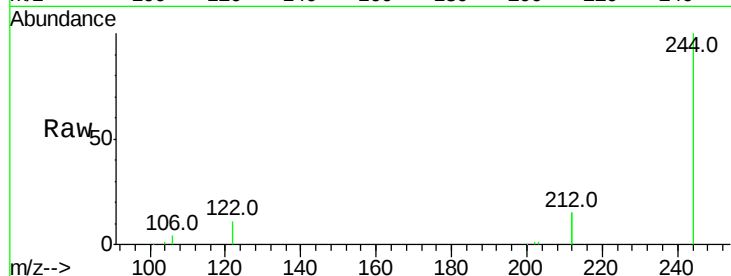
Tot Ion:244 Resp: 20103

Ion Ratio Lower Upper

244 100

212 30.7 25.4 38.0

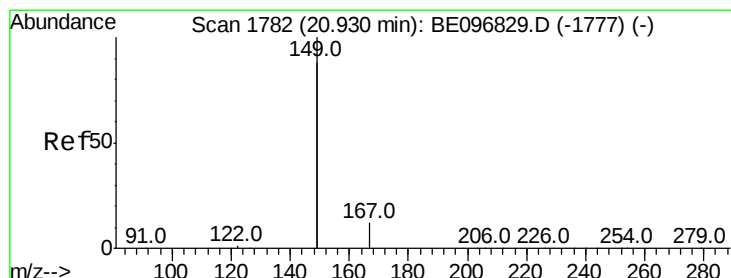
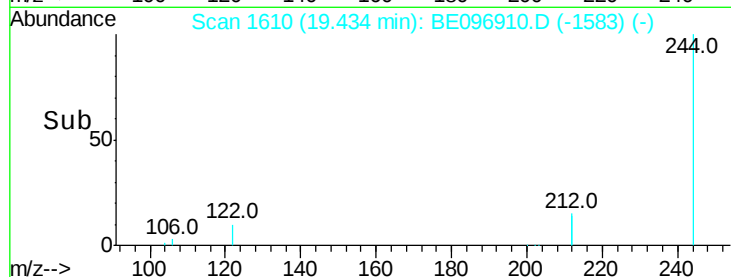
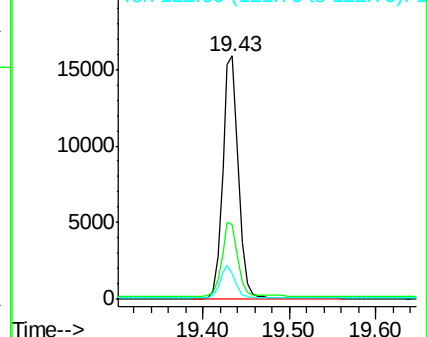
122 10.9 8.1 12.1



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: 1.236 ng

RT: 20.93 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BE096910.D

Acq: 13 Jul 2018 17:16

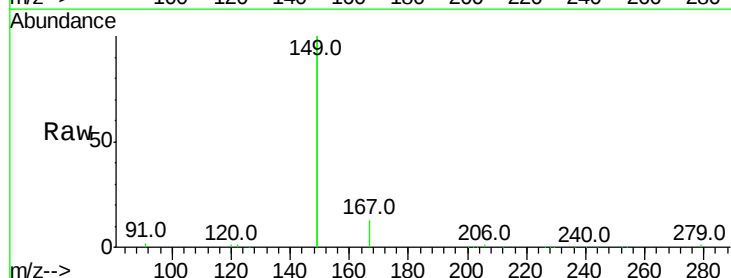
Tgt Ion:149 Resp: 36757

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

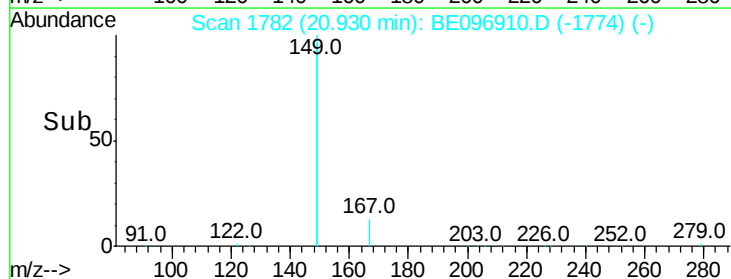
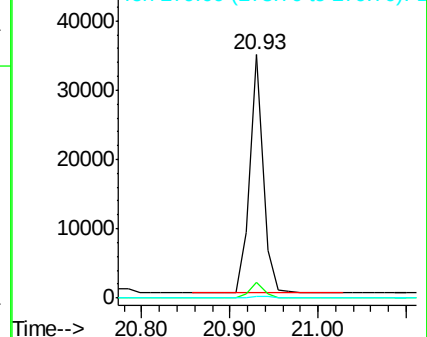
279 0.9 0.7 1.1

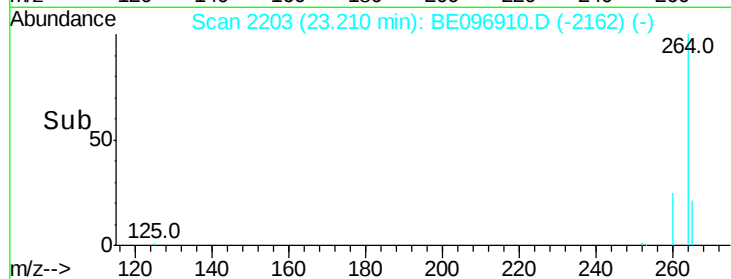
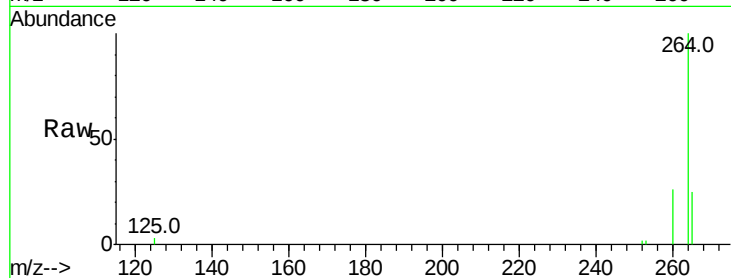
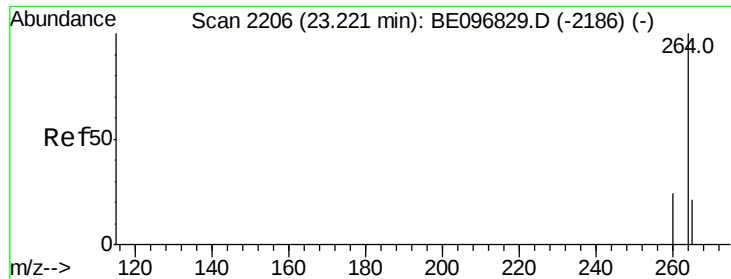


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BE096910.D

Acq: 13 Jul 2018 17:16

Instrument :

BNA_E

ClientSampleId :

RE120D2-071118

Tot Ion:264 Resp: 15051

Ion Ratio Lower Upper

264 100

260 25.6 20.5 30.7

265 24.8 22.8 34.2

