

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071318\
 Data File : BE096915.D
 Acq On : 13 Jul 2018 20:23
 Operator : SJ/JU
 Sample : J3170-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE120D1-071118

Quant Time: Jul 13 23:18:34 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

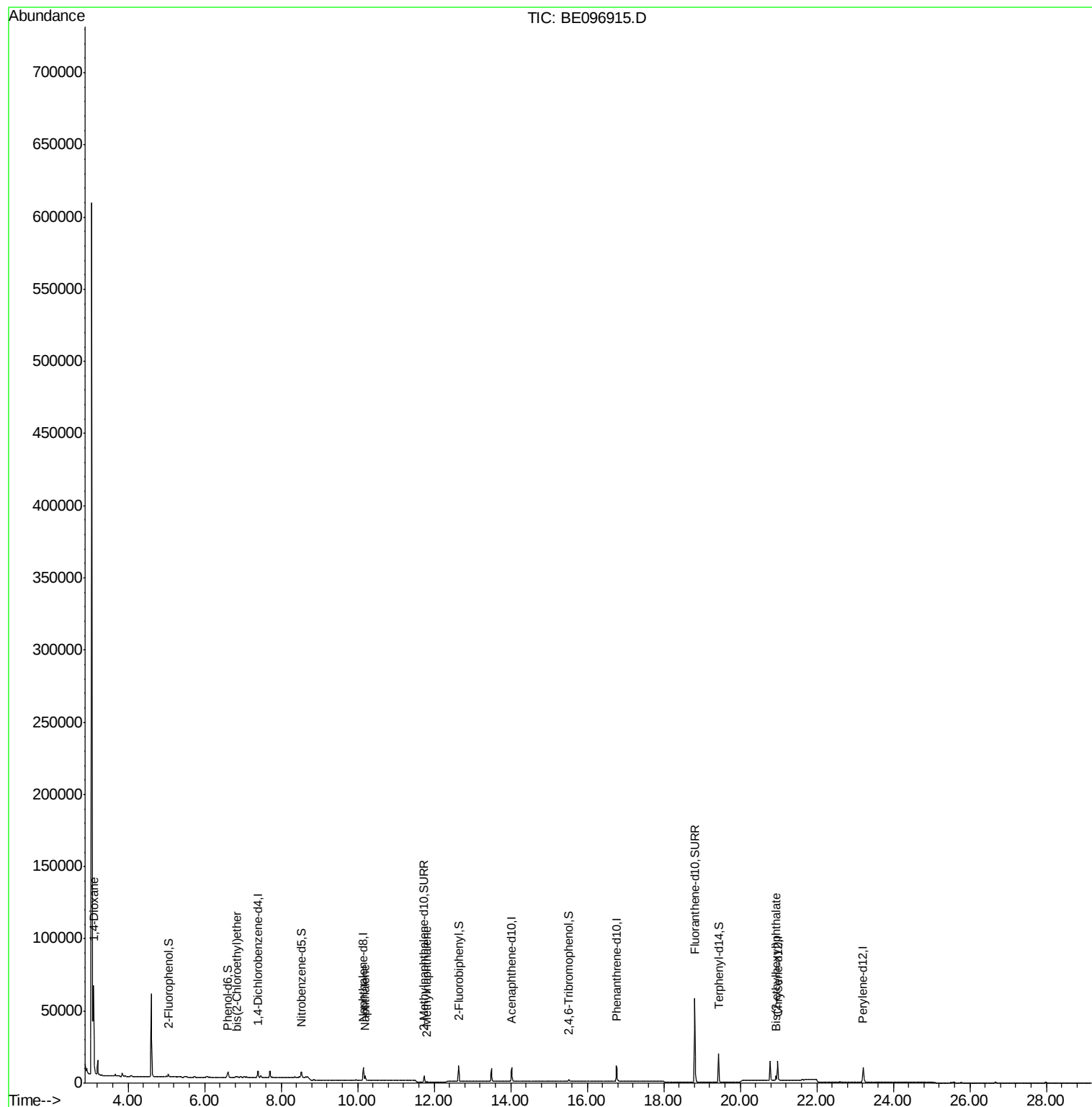
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2121	0.40	ng	0.01
7) Naphthalene-d8	10.15	136	10065	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	5525	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	15424	0.40	ng	0.00
27) Chrysene-d12	20.98	240	13340	0.40	ng	0.00
34) Perylene-d12	23.21	264	14160	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1141	0.24	ng	0.00
5) Phenol-d6	6.60	99	971	0.14	ng	0.01
8) Nitrobenzene-d5	8.53	82	3631	0.60	ng	0.01
11) 2-Methylnaphthalene-d10	11.74	152	7022	0.48	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	778	0.57	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	10116	0.50	ng	0.00
25) Fluoranthene-d10	18.81	212	78746	0.58	ng	0.00
29) Terphenyl-d14	19.43	244	16601	0.64	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.10	88	26125	8.220	ng	Qvalue # 89
6) bis(2-Chloroethyl)ether	6.84	93	266	0.034	ng	# 87
9) Naphthalene	10.20	128	5242	0.057	ng	# 97
12) 2-Methylnaphthalene	11.81	142	439	0.029	ng	# 94
32) Bis(2-ethylhexyl)phthalate	20.93	149	3075	0.116	ng	# 99

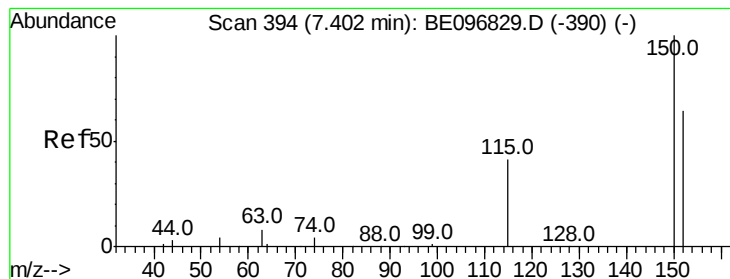
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Quant Time: Jul 13 23:18:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 394

Delta R.T. 0.01 min

Lab File: BE096915.D

Acq: 13 Jul 2018 20:23

Instrument :

BNA_E

ClientSampleId :

RE120D1-071118

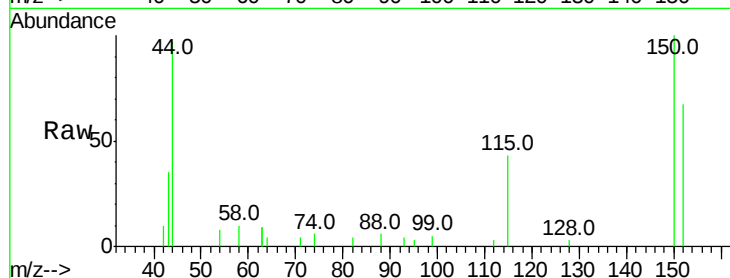
Tot Ion:152 Resp: 2121

Ion Ratio Lower Upper

152 100

150 148.4 117.2 175.8

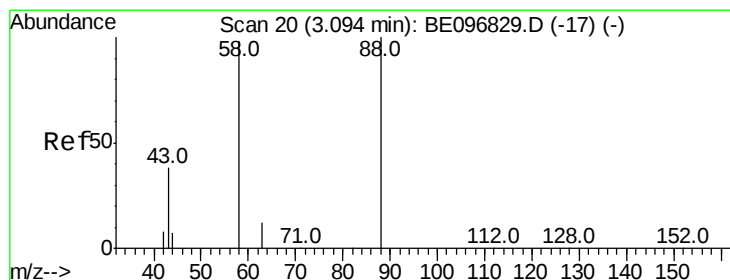
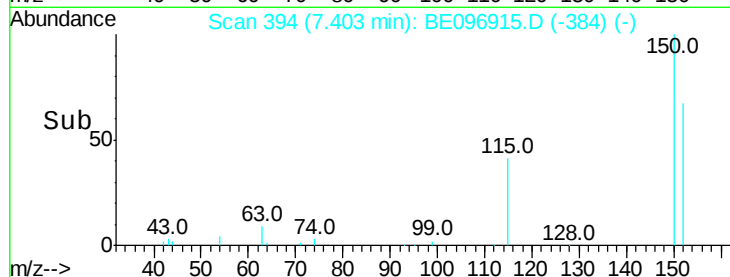
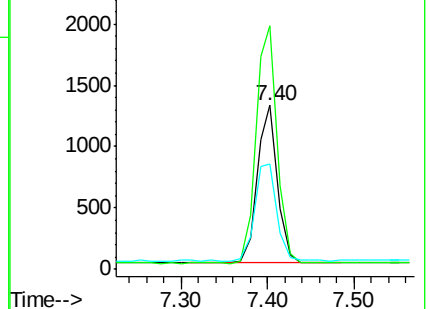
115 64.3 57.0 85.6



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: 8.220 ng

RT: 3.10 min Scan# 20

Delta R.T. -0.00 min

Lab File: BE096915.D

Acq: 13 Jul 2018 20:23

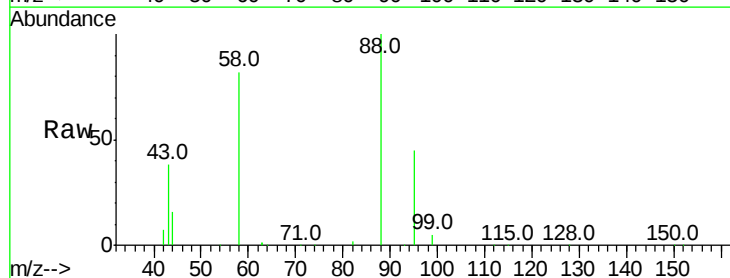
Tgt Ion: 88 Resp: 26125

Ion Ratio Lower Upper

88 100

58 81.8 63.2 94.8

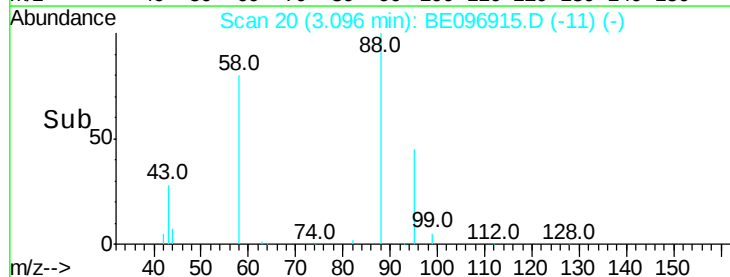
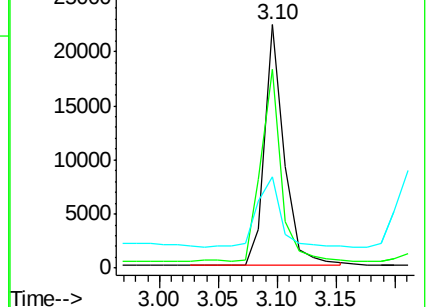
43 35.0 41.2 61.8#

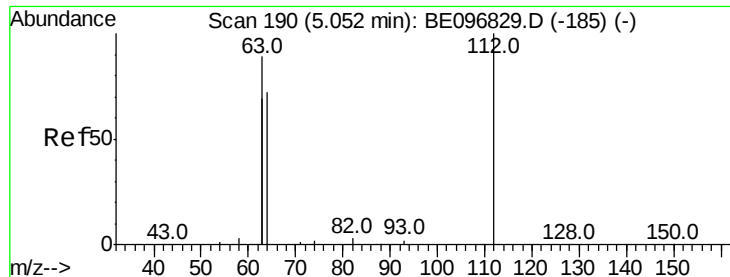


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.241 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE096915.D

Acq: 13 Jul 2018 20:23

Instrument :

BNA_E

ClientSampleId :

RE120D1-071118

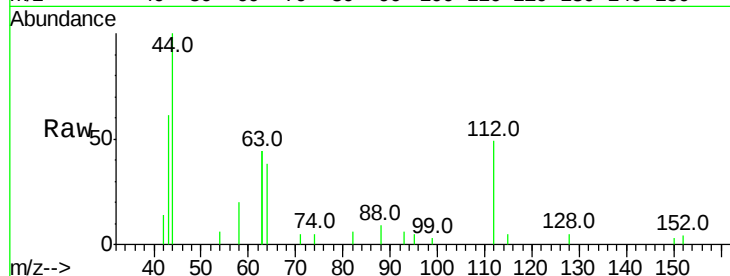
Tot Ion:112 Resp: 1141

Ion Ratio Lower Upper

112 100

64 69.3 60.1 90.1

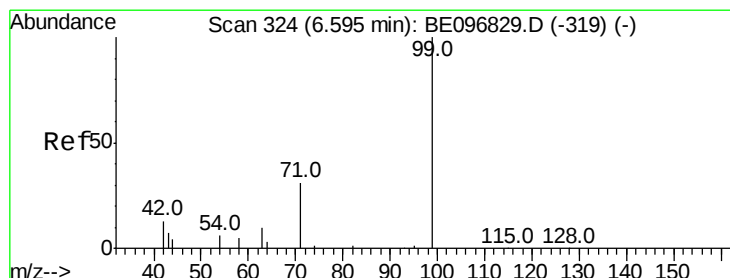
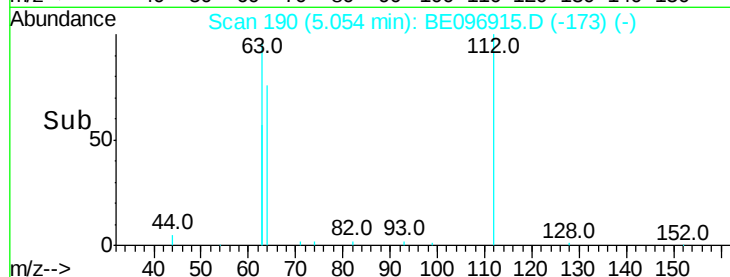
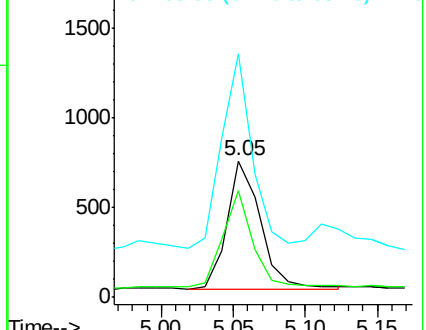
63 139.6 116.8 175.2



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: 0.137 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.01 min

Lab File: BE096915.D

Acq: 13 Jul 2018 20:23

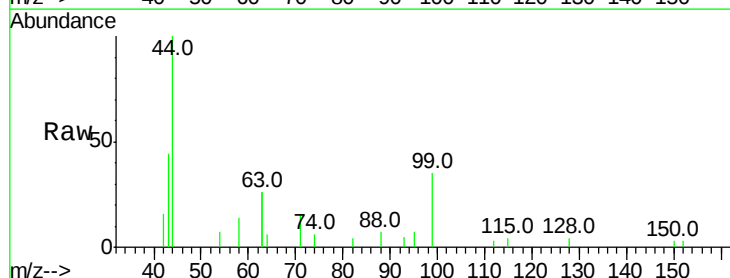
Tgt Ion: 99 Resp: 971

Ion Ratio Lower Upper

99 100

42 35.8 20.2 30.2#

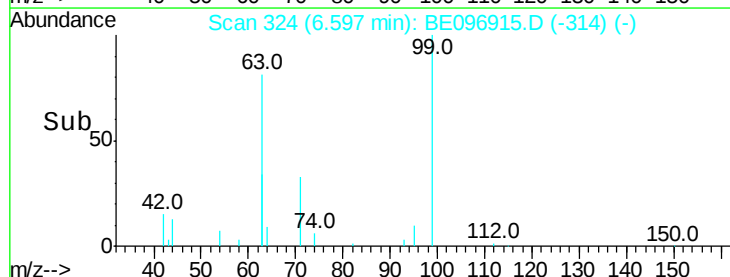
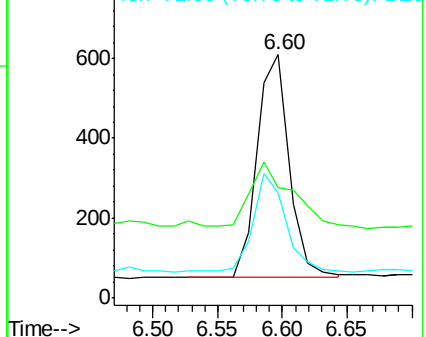
71 46.3 28.4 42.6#

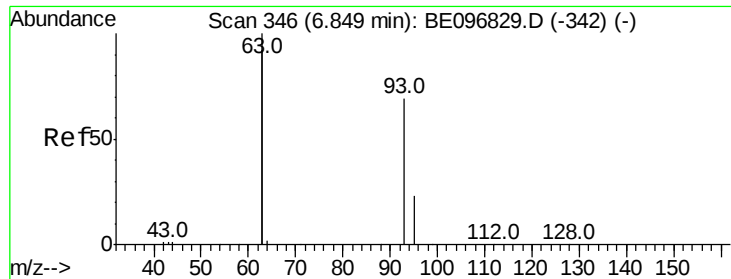


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.034 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE096915.D

Acq: 13 Jul 2018 20:23

Instrument :

BNA_E

ClientSampleId :

RE120D1-071118

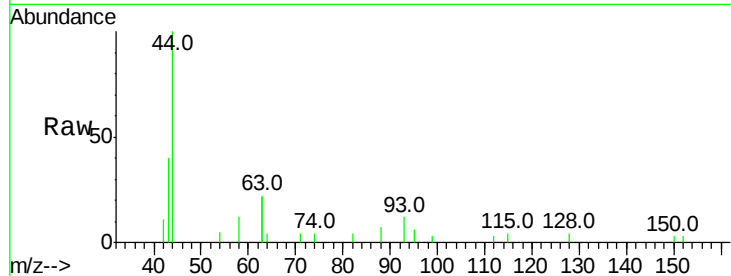
Tot Ion: 93 Resp: 266

Ion Ratio Lower Upper

93 100

63 313.2 275.3 412.9

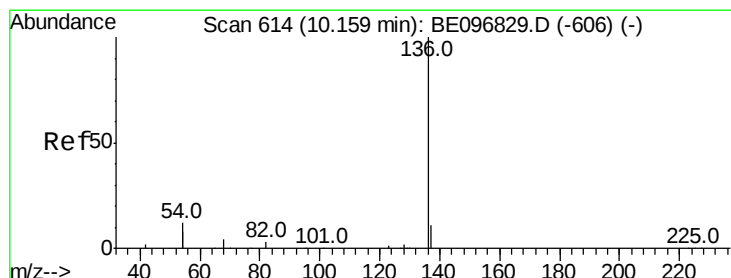
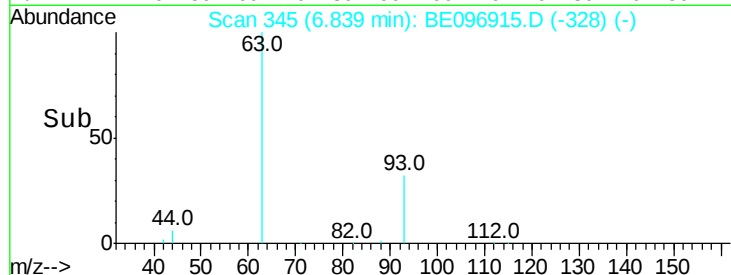
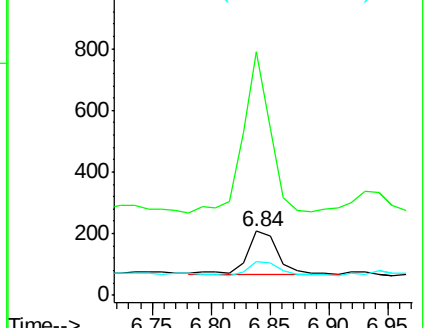
95 31.6 25.2 37.8



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE096915.D

Acq: 13 Jul 2018 20:23

Tgt Ion:136 Resp: 10065

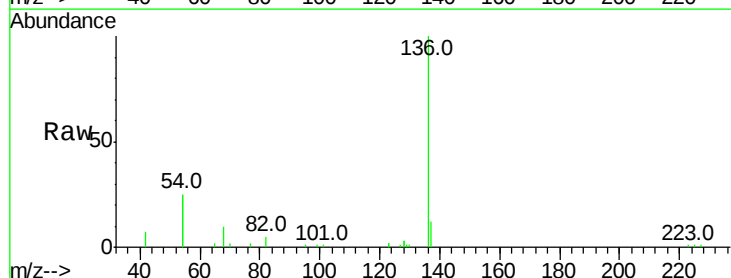
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 50.7 29.1 43.7#

68 9.5 6.2 9.2#

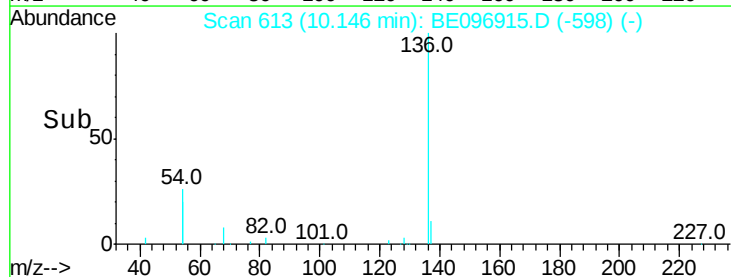
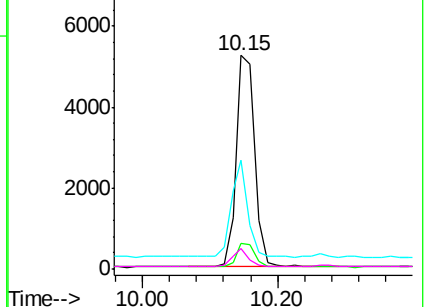


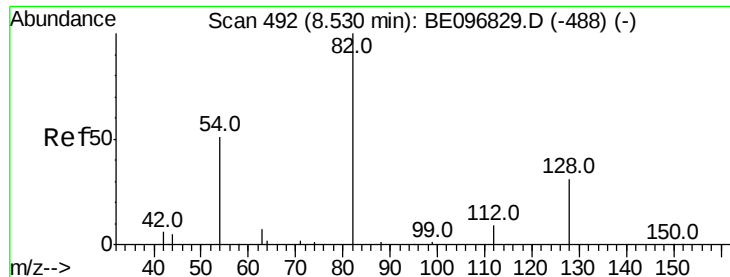
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.596 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE096915.D

Acq: 13 Jul 2018 20:23

Instrument :

BNA_E

ClientSampleId :

RE120D1-071118

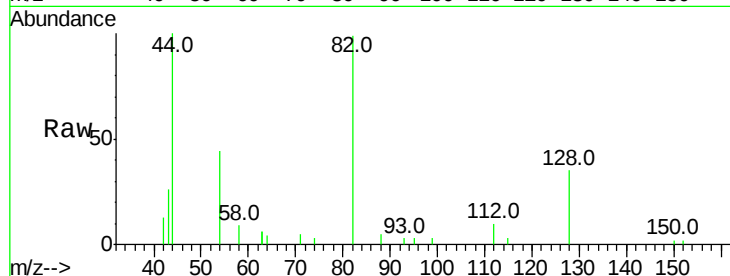
Tot Ion: 82 Resp: 3631

Ion Ratio Lower Upper

82 100

128 35.5 24.0 36.0

54 44.5 40.0 60.0

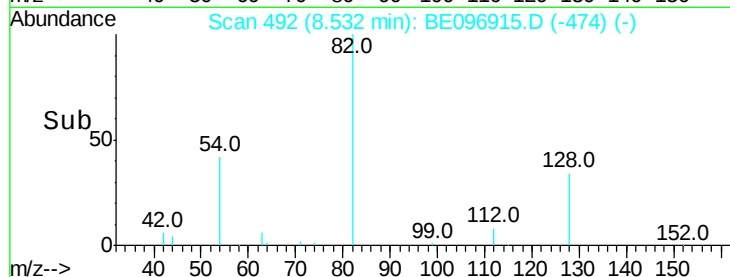


Abundance Ion 82.00 (81.70 to 82.70): BE0

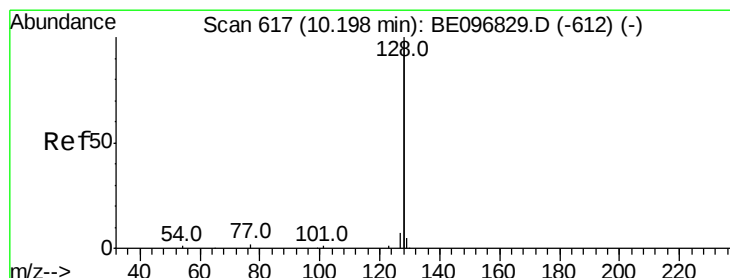
Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Time-->



Time-->



#9

Naphthalene

Concen: 0.057 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE096915.D

Acq: 13 Jul 2018 20:23

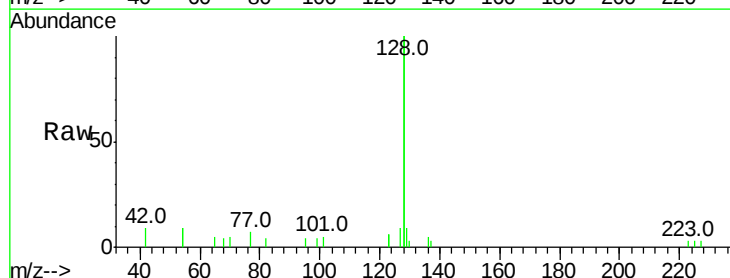
Tgt Ion:128 Resp: 5242

Ion Ratio Lower Upper

128 100

129 4.4 2.6 3.8#

127 4.5 2.8 4.2#

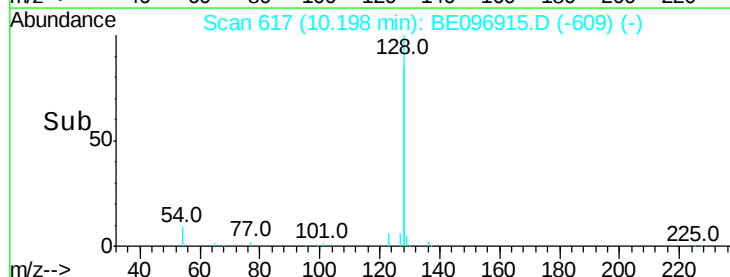


Abundance Ion 128.00 (127.70 to 128.70): BE0

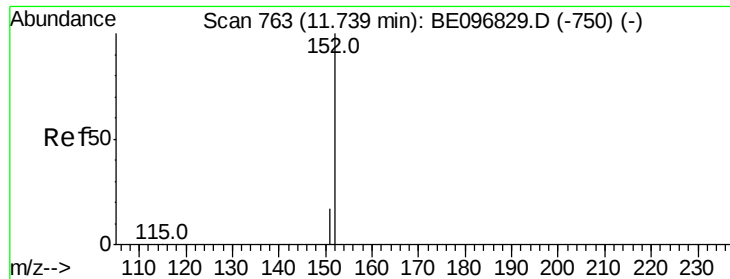
Ion 129.00 (128.70 to 129.70): BE0

Ion 127.00 (126.70 to 127.70): BE0

Time-->



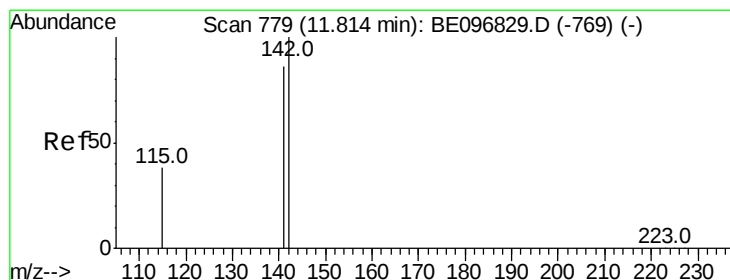
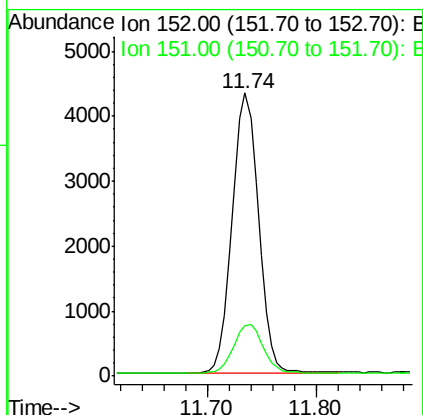
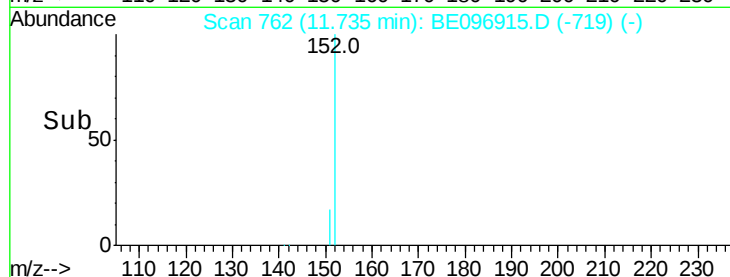
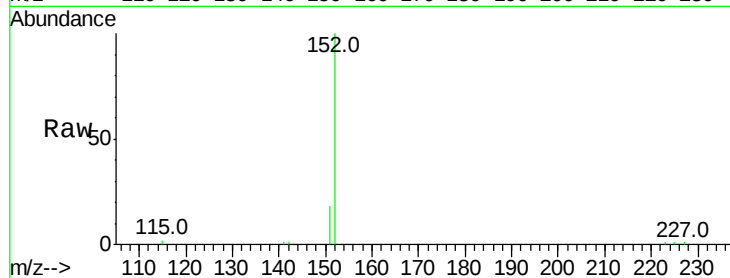
Time-->



#11
2-Methylnaphthalene-d10
Concen: 0.485 ng
RT: 11.74 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE096915.D
Acq: 13 Jul 2018 20:23

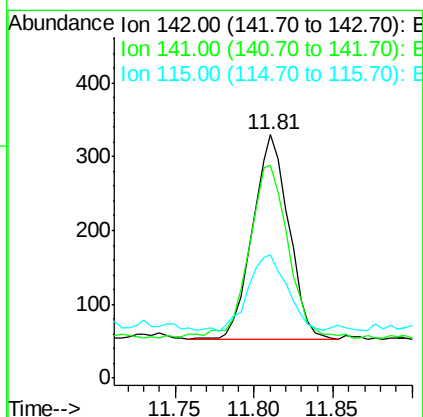
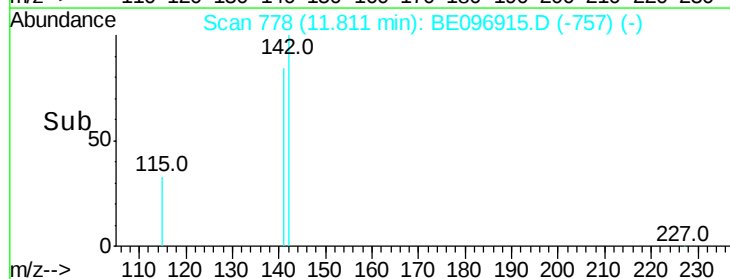
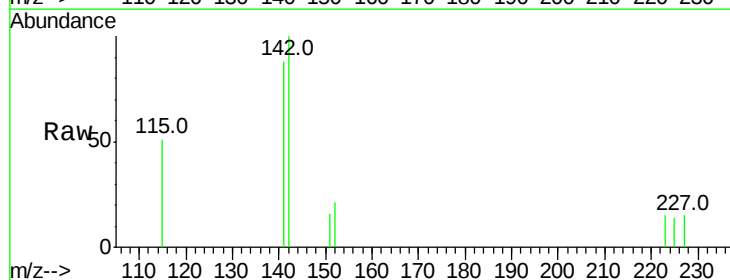
Instrument :
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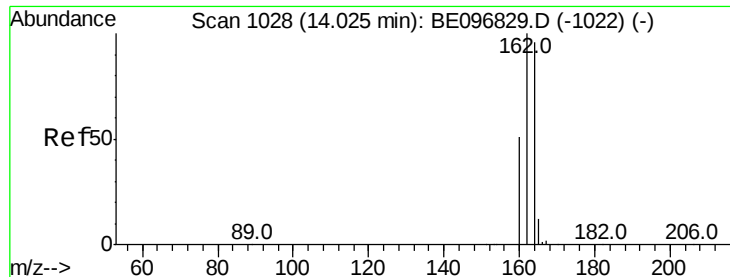
Tot Ion:152 Resp: 7022
Ion Ratio Lower Upper
152 100
151 19.5 15.4 23.0



#12
2-Methylnaphthalene
Concen: 0.029 ng
RT: 11.81 min Scan# 778
Delta R.T. 0.00 min
Lab File: BE096915.D
Acq: 13 Jul 2018 20:23

Tgt Ion:142 Resp: 439
Ion Ratio Lower Upper
142 100
141 87.6 70.4 105.6
115 50.6 31.7 47.5#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BE096915.D

Acq: 13 Jul 2018 20:23

Instrument :

BNA_E

ClientSampleId :

RE120D1-071118

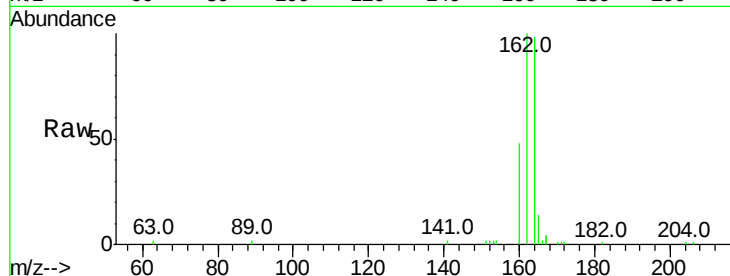
Tot Ion:164 Resp: 5525

Ion Ratio Lower Upper

164 100

162 102.6 83.1 124.7

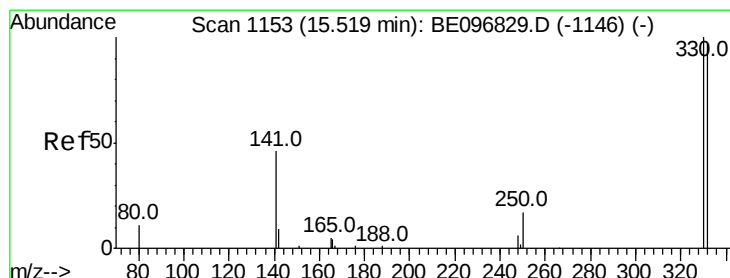
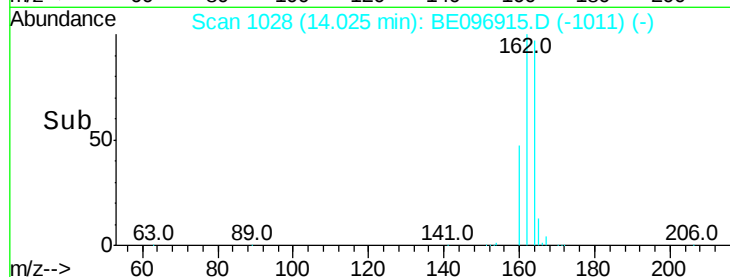
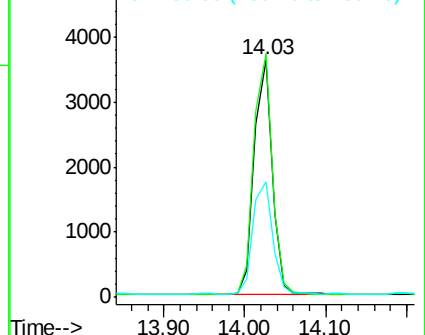
160 48.9 37.1 55.7



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: 0.566 ng

RT: 15.52 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE096915.D

Acq: 13 Jul 2018 20:23

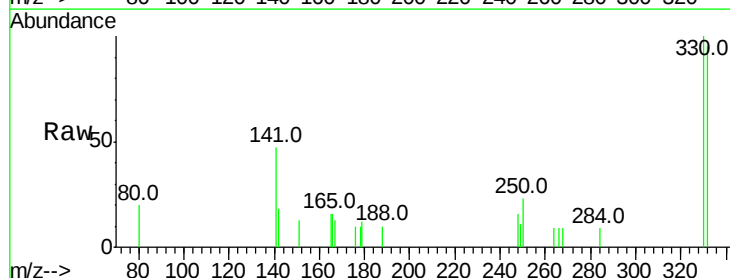
Tgt Ion:330 Resp: 778

Ion Ratio Lower Upper

330 100

332 96.9 152.7 229.1#

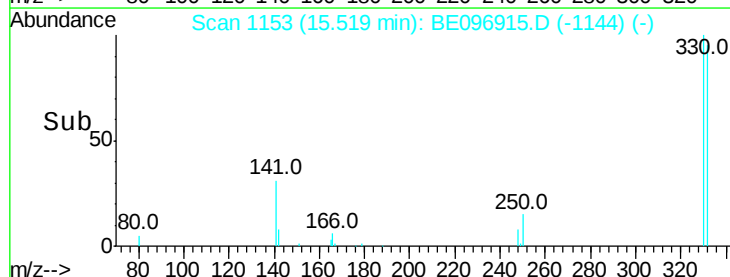
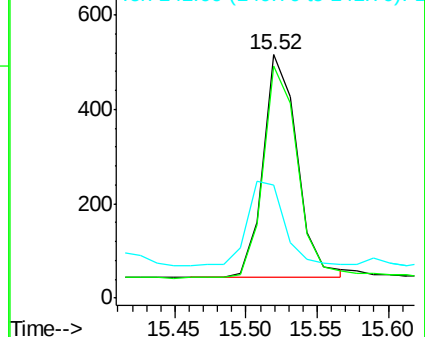
141 41.5 33.7 50.5

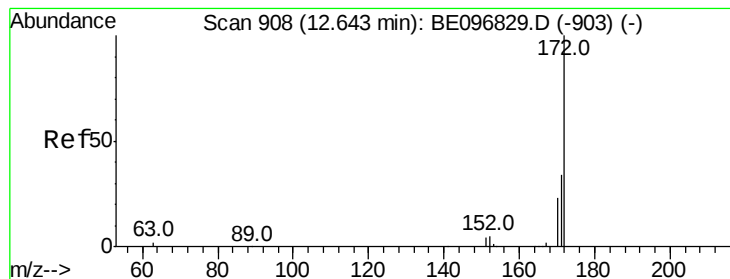


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.500 ng

RT: 12.64 min Scan# 908

Delta R.T. -0.00 min

Lab File: BE096915.D

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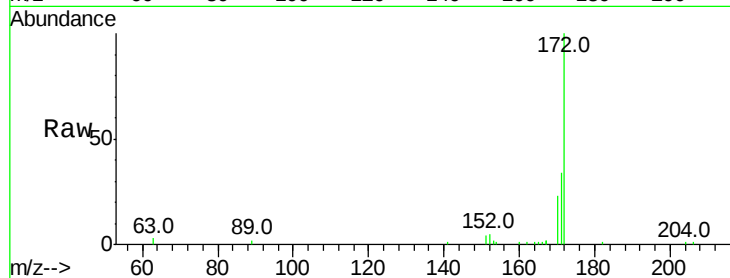
Tot Ion:172 Resp: 10116

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.9	44.9
170	23.1	21.8	32.8

172 100

171 34.3 29.9 44.9

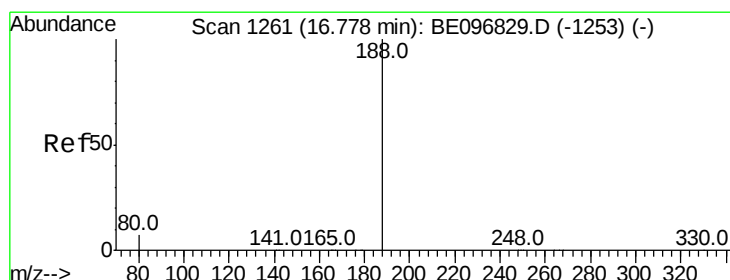
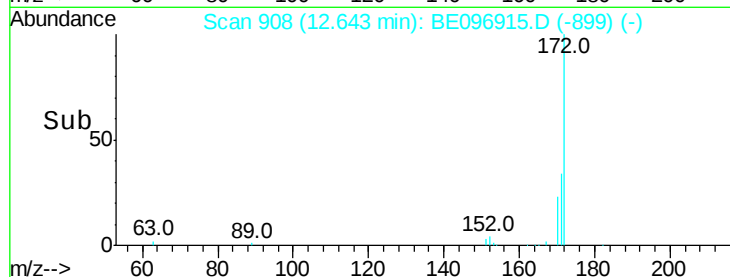
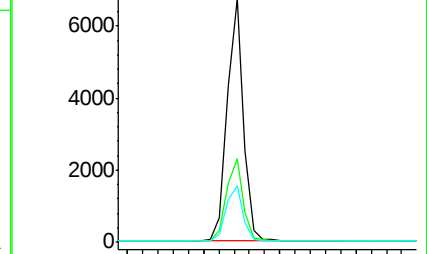
170 23.1 21.8 32.8



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: BE096915.D

Acq: 13 Jul 2018 20:23

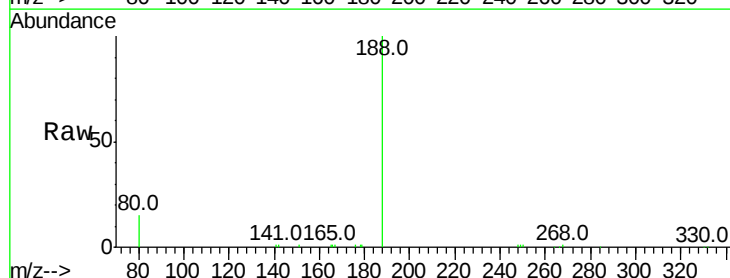
Tgt Ion:188 Resp: 15424

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	15.2	3.6	5.4#

188 100

94 0.0 3.9 5.9#

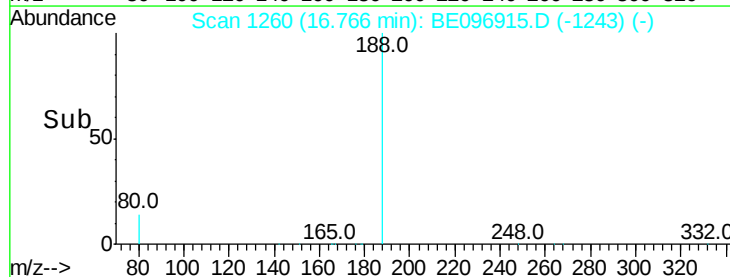
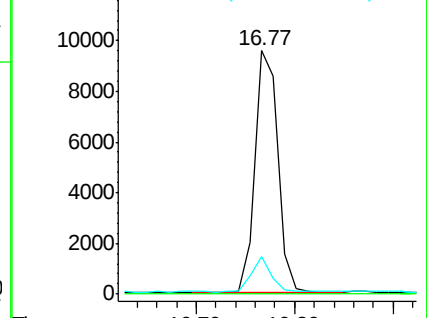
80 15.2 3.6 5.4#

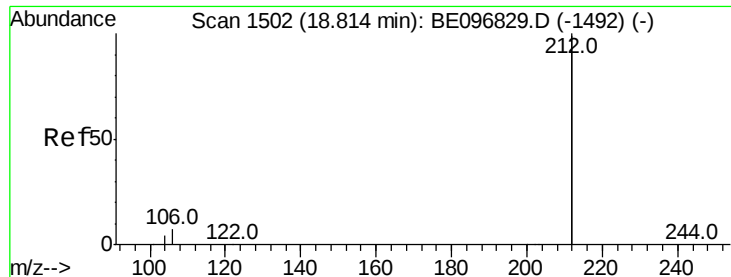


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.580 ng

RT: 18.81 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE096915.D

Acq: 13 Jul 2018 20:23

Instrument :

BNA_E

ClientSampleId :

RE120D1-071118

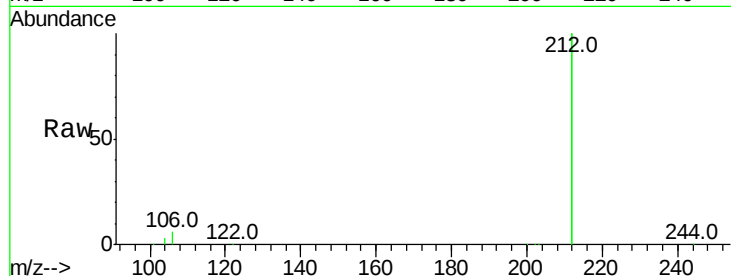
Tot Ion:212 Resp: 78746

Ion Ratio Lower Upper

212 100

106 3.6 2.8 4.2

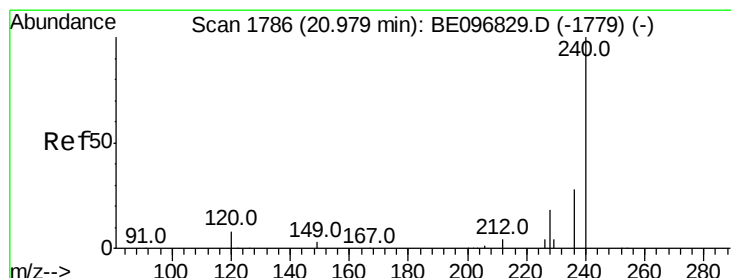
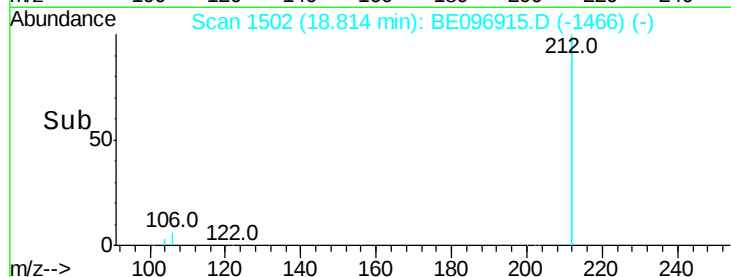
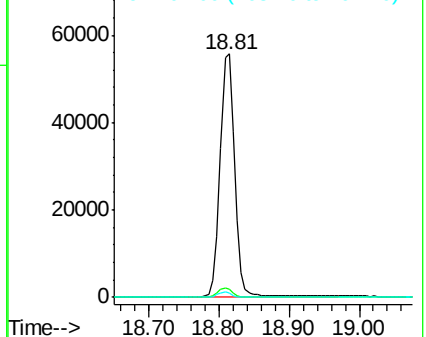
104 1.9 1.6 2.4



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: BE096915.D

Acq: 13 Jul 2018 20:23

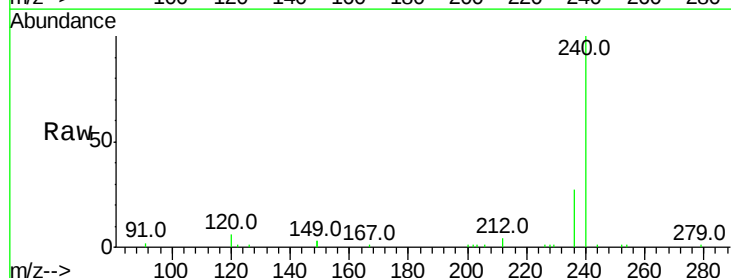
Tgt Ion:240 Resp: 13340

Ion Ratio Lower Upper

240 100

120 5.9 5.5 8.3

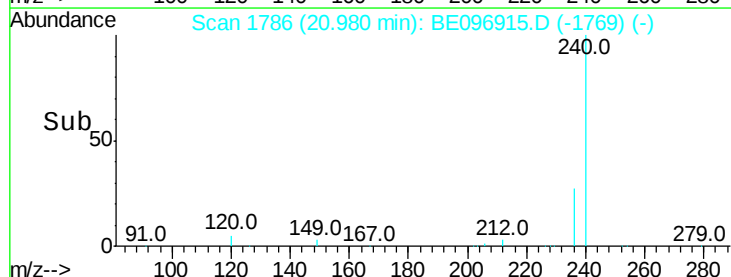
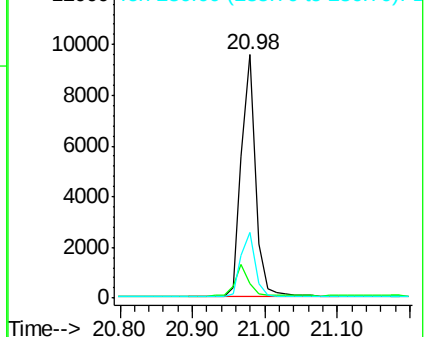
236 27.2 20.7 31.1

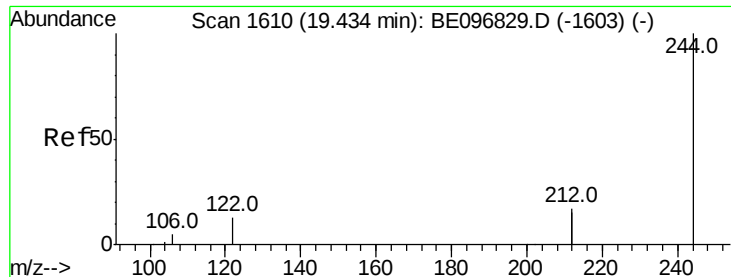


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.645 ng

RT: 19.43 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BE096915.D

Acq: 13 Jul 2018 20:23

Instrument :

BNA_E

ClientSampleId :

RE120D1-071118

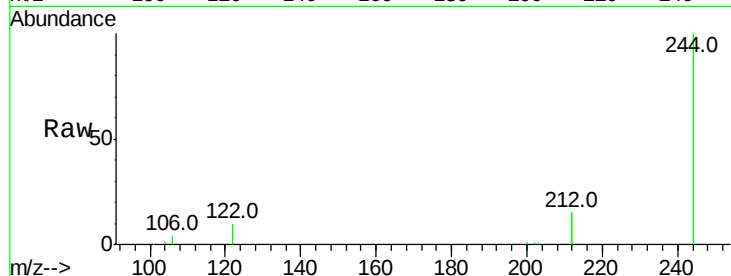
Tot Ion:244 Resp: 16601

Ion Ratio Lower Upper

244 100

212 30.3 25.4 38.0

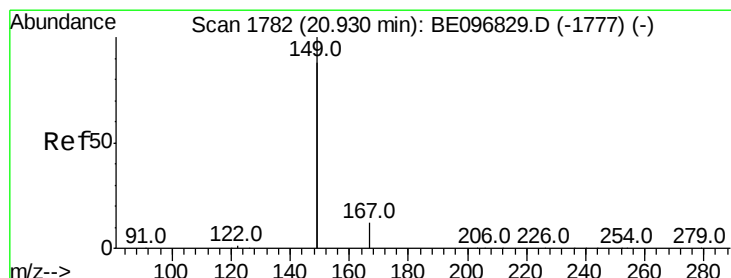
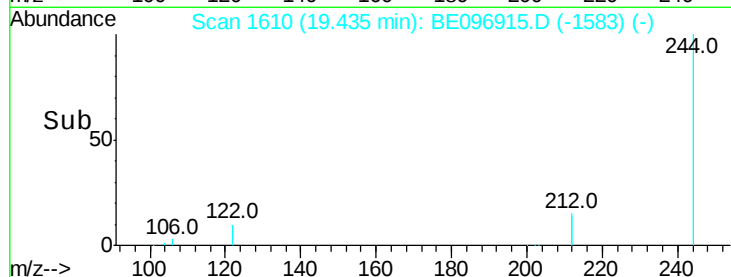
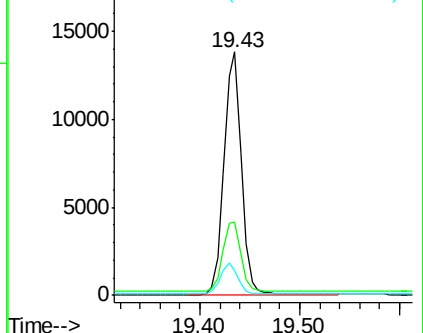
122 10.1 8.1 12.1



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: 0.116 ng

RT: 20.93 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BE096915.D

Acq: 13 Jul 2018 20:23

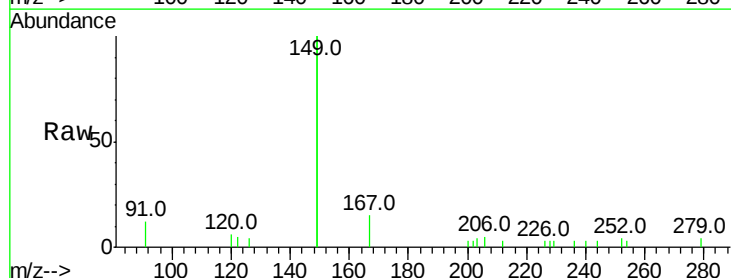
Tgt Ion:149 Resp: 3075

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

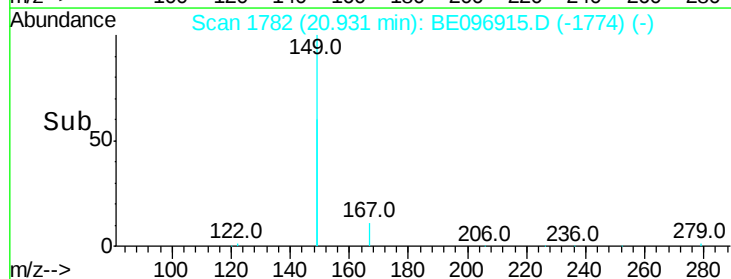
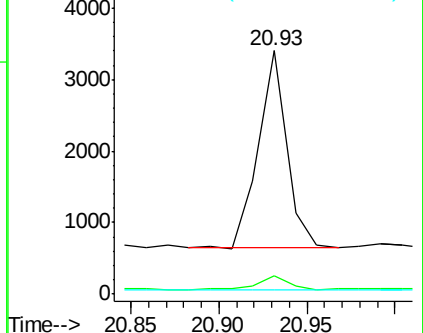
279 0.7 0.7 1.1

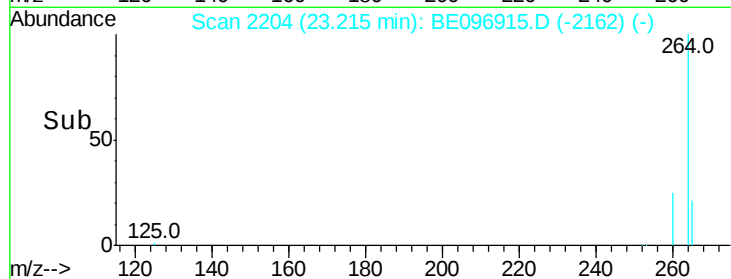
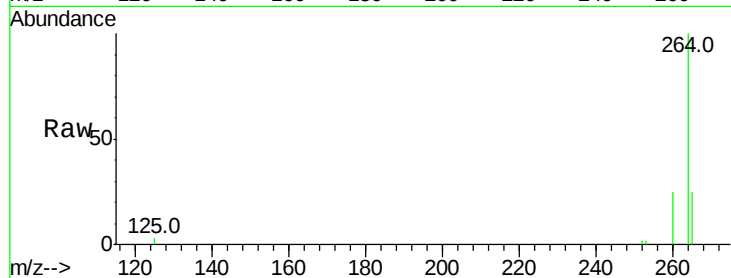
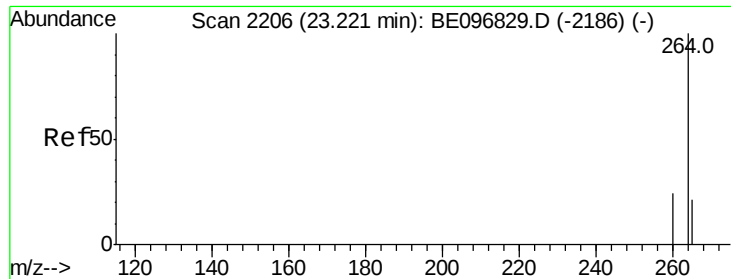


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2204

Delta R.T. 0.00 min

Lab File: BE096915.D

Acq: 13 Jul 2018 20:23

Instrument :

BNA_E

ClientSampleId :

RE120D1-071118

Tot Ion:264 Resp: 14160

Ion Ratio Lower Upper

264 100

260 25.4 20.5 30.7

265 24.5 22.8 34.2

