

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050118\
 Data File : BE096277.D
 Acq On : 2 May 2018 3:10
 Operator : SJ/JU
 Sample : J2641-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 02 04:08:10 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 14:27:29 2018
 Response via : Initial Calibration

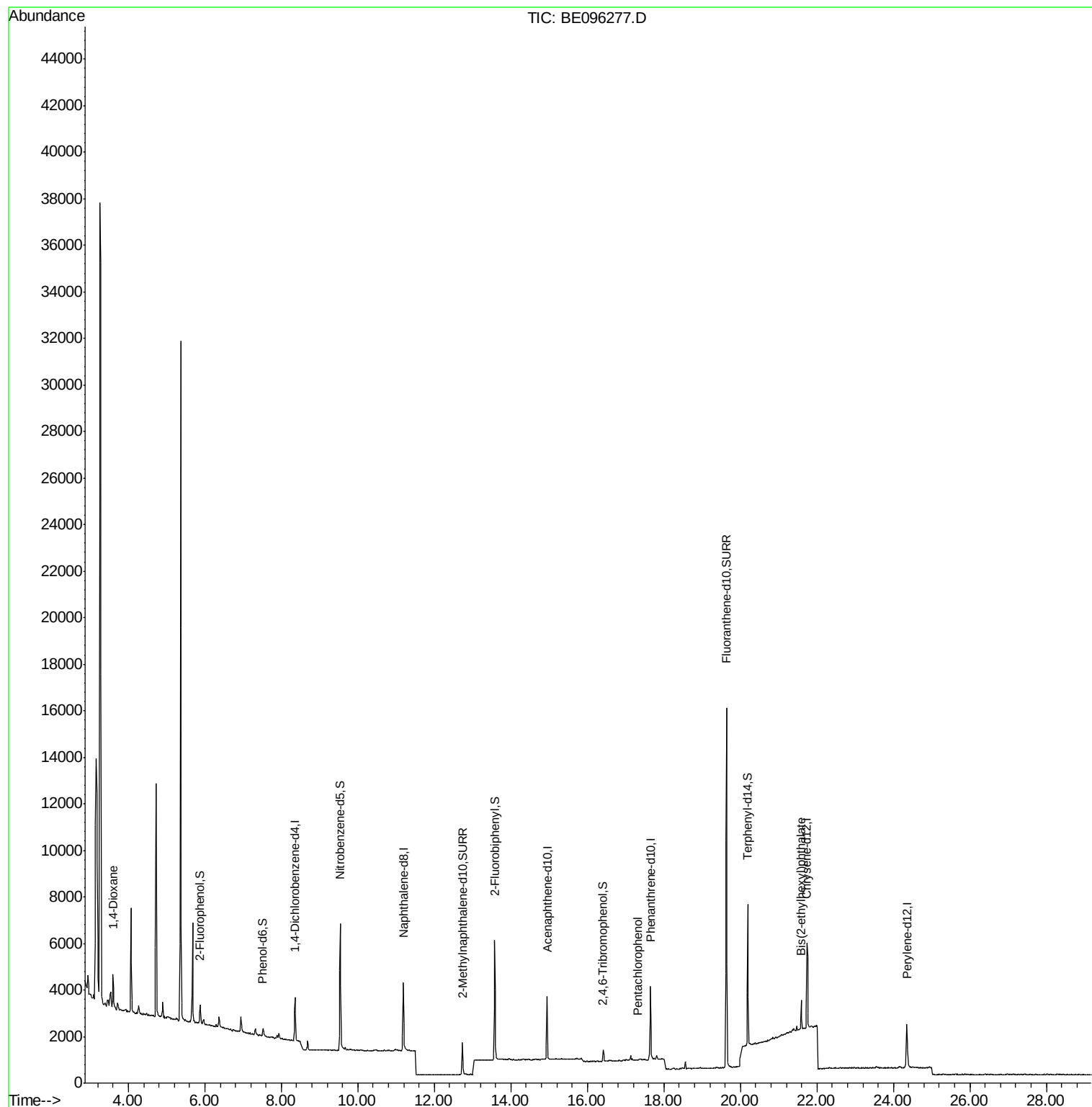
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	945	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3406	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1754	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	4155	0.40	ng	0.00
27) Chrysene-d12	21.74	240	4081	0.40	ng	0.00
34) Perylene-d12	24.35	264	3135	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.87	112	426	0.15	ng	0.00
5) Phenol-d6	7.53	99	325	0.08	ng	0.02
8) Nitrobenzene-d5	9.54	82	2122	0.53	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	1917	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	261	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	4603	0.61	ng	0.00
25) Fluoranthene-d10	19.64	212	20808	0.37	ng	0.00
29) Terphenyl-d14	20.19	244	5413	0.60	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.60	88	1002	0.686	ng	94
22) Pentachlorophenol	17.32	266	3	0.138	ng	90
32) Bis(2-ethylhexyl)phthalate	21.60	149	1447	0.043	ng	# 93

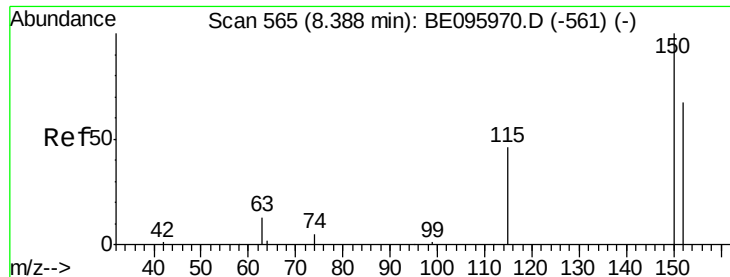
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.36 min Scan# 562

Delta R.T. -0.00 min

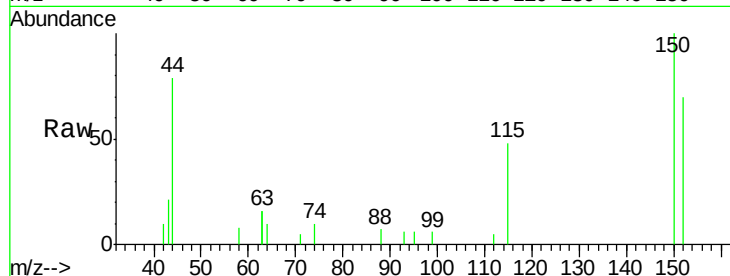
Lab File: BE096277.D

Acq: 2 May 2018 3:10

Instrument :

BNA_E

ClientSampled :



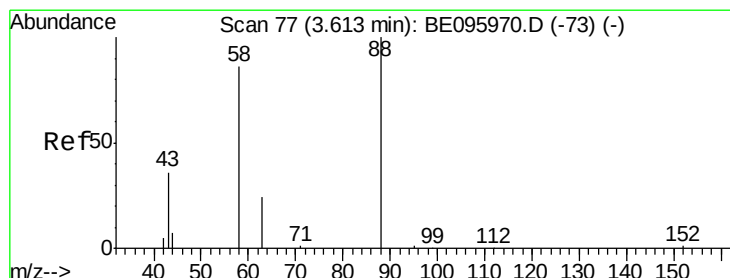
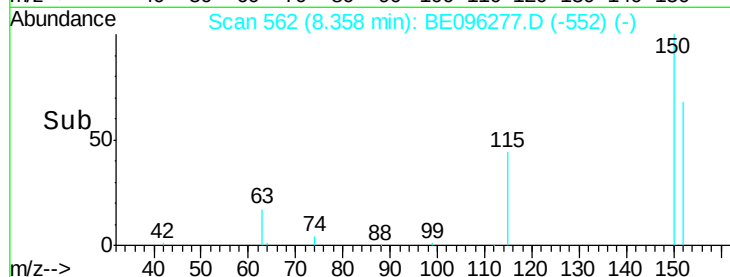
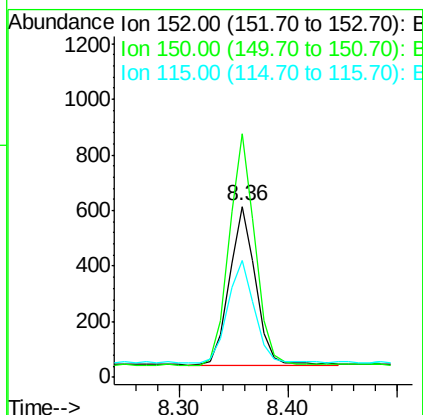
Tot Ion:152 Resp: 945

Ion Ratio Lower Upper

152 100

150 142.7 117.2 175.8

115 68.2 57.0 85.6



#2

1,4-Dioxane

Concen: 0.686 ng

RT: 3.60 min Scan# 76

Delta R.T. -0.00 min

Lab File: BE096277.D

Acq: 2 May 2018 3:10

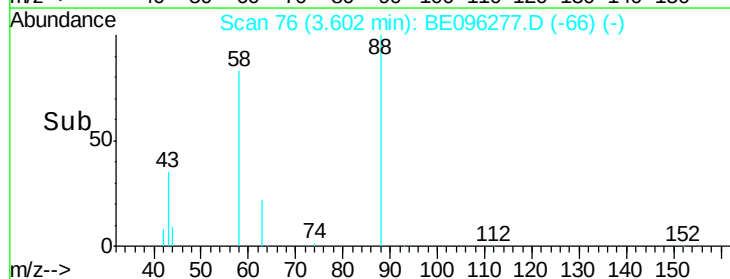
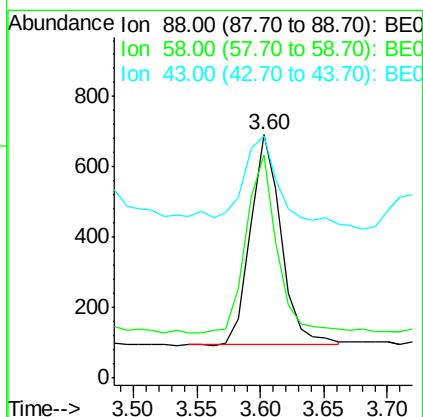
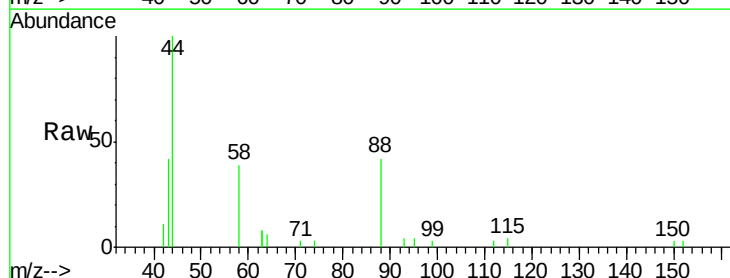
Tgt Ion: 88 Resp: 1002

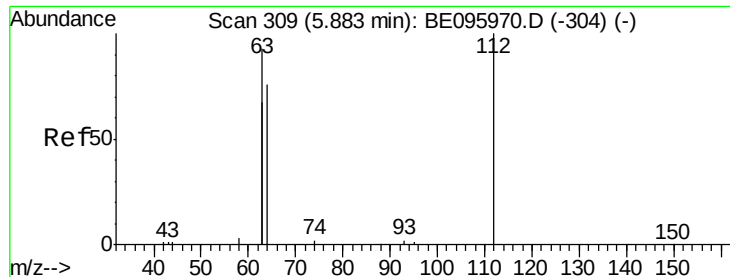
Ion Ratio Lower Upper

88 100

58 84.9 63.2 94.8

43 47.3 41.2 61.8





#4

2-Fluorophenol

Concen: 0.146 ng

RT: 5.87 min Scan# 308

Delta R.T. 0.01 min

Lab File: BE096277.D

Acq: 2 May 2018 3:10

Instrument :

BNA_E

ClientSampleId :

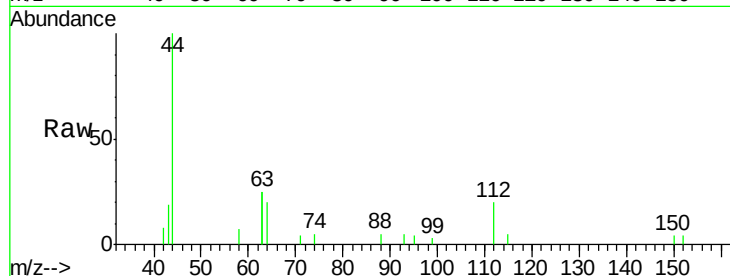
Tot Ion: 112 Resp: 426

Ion Ratio Lower Upper

112 100

64 77.2 60.1 90.1

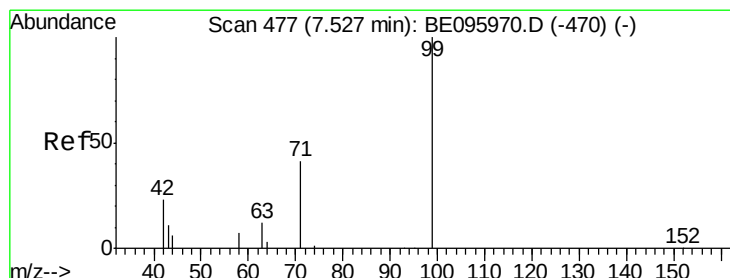
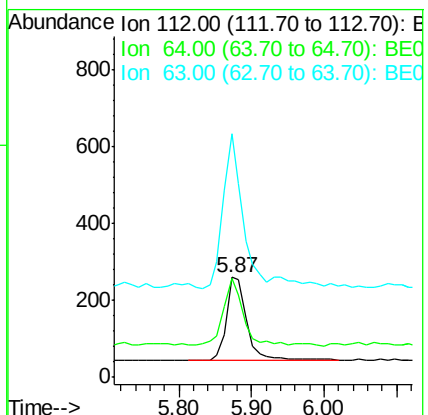
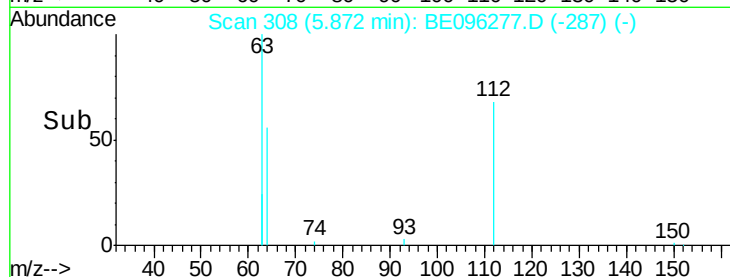
63 171.8 116.8 175.2



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: 0.081 ng

RT: 7.53 min Scan# 477

Delta R.T. 0.02 min

Lab File: BE096277.D

Acq: 2 May 2018 3:10

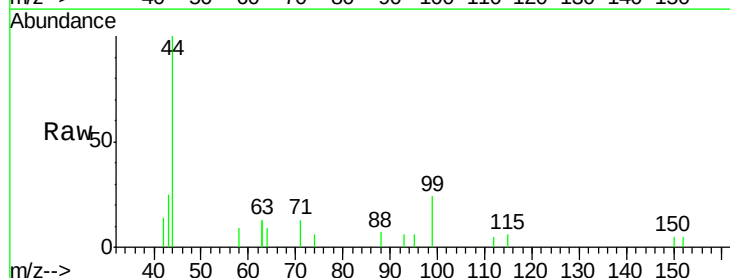
Tgt Ion: 99 Resp: 325

Ion Ratio Lower Upper

99 100

42 27.4 20.2 30.2

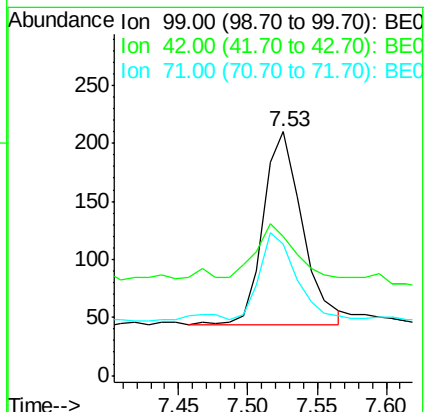
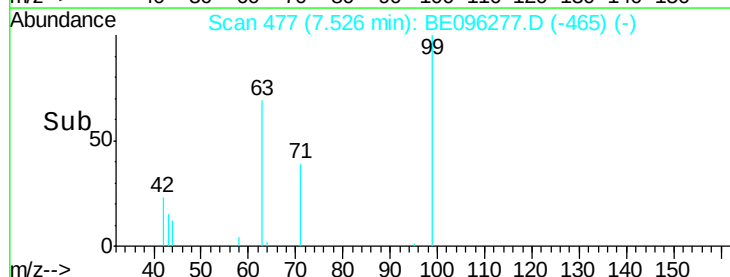
71 42.2 28.4 42.6

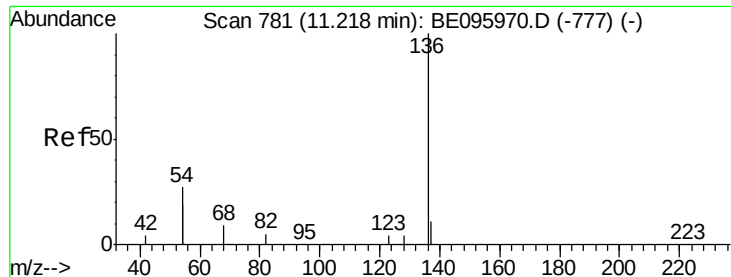


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 11.19 min Scan# 779

Delta R.T. -0.00 min

Lab File: BE096277.D

Acq: 2 May 2018 3:10

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3406

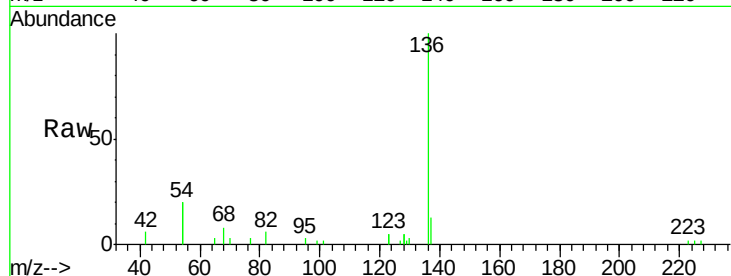
Ion Ratio Lower Upper

136 100

137 13.2 9.5 14.3

54 39.7 29.1 43.7

68 7.5 6.2 9.2

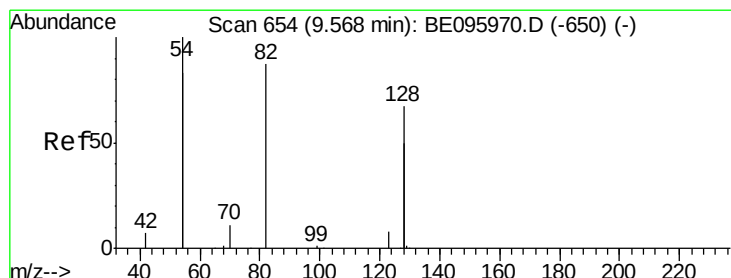
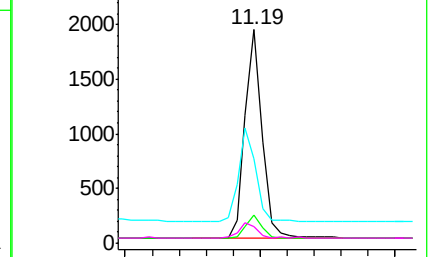
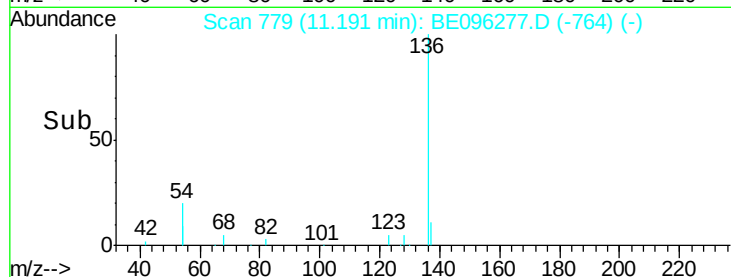


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.531 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE096277.D

Acq: 2 May 2018 3:10

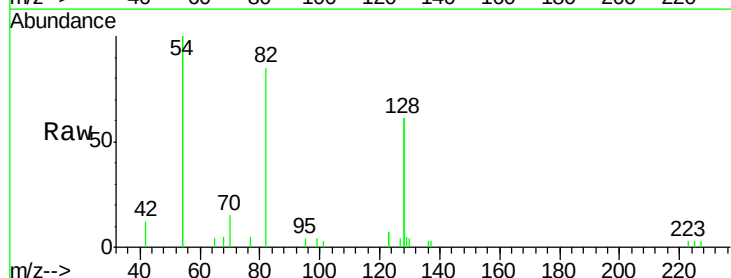
Tgt Ion: 82 Resp: 2122

Ion Ratio Lower Upper

82 100

128 141.9 150.0 225.0#

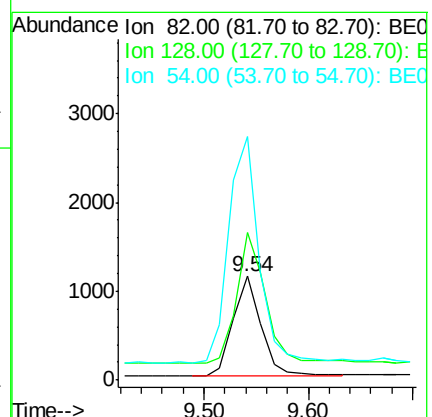
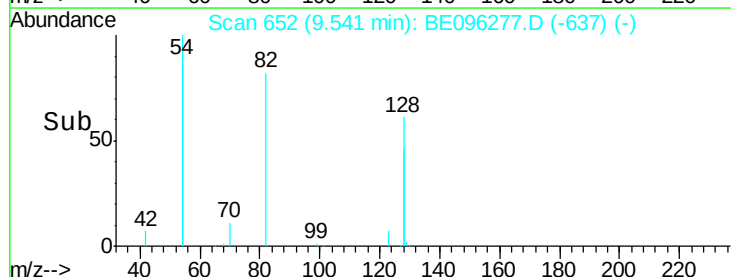
54 234.2 154.2 231.4#

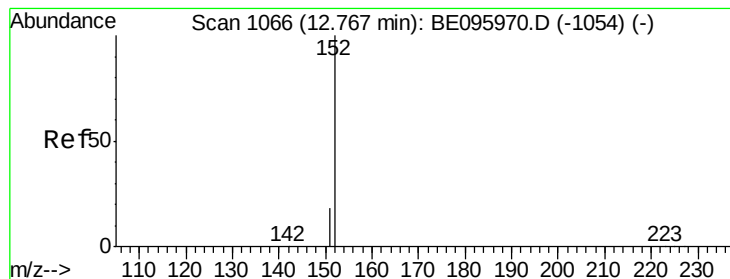


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.355 ng

RT: 12.73 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE096277.D

Acq: 2 May 2018 3:10

Instrument :

BNA_E

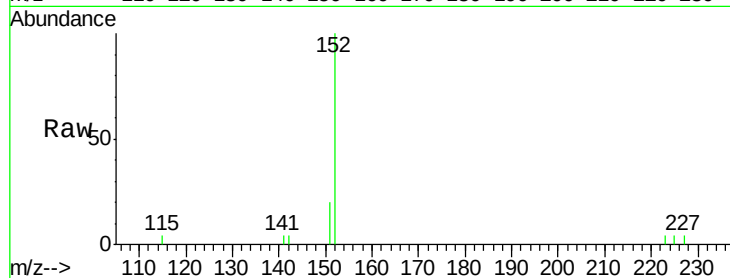
ClientSampled :

Tot Ion:152 Resp: 1917

Ion Ratio Lower Upper

152 100

151 20.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.73

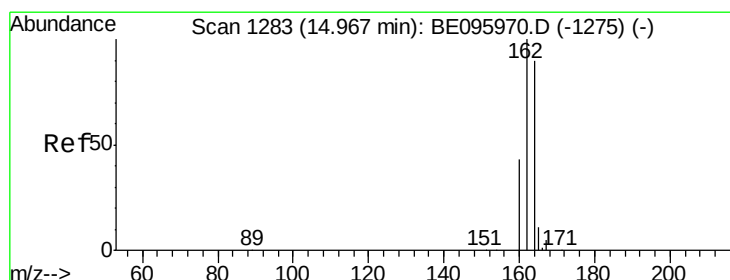
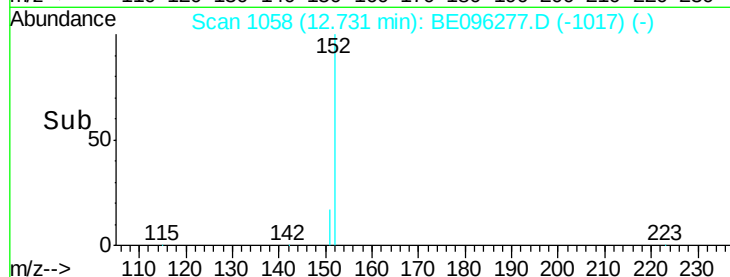
1000

500

0

12.70 12.80

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.94 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BE096277.D

Acq: 2 May 2018 3:10

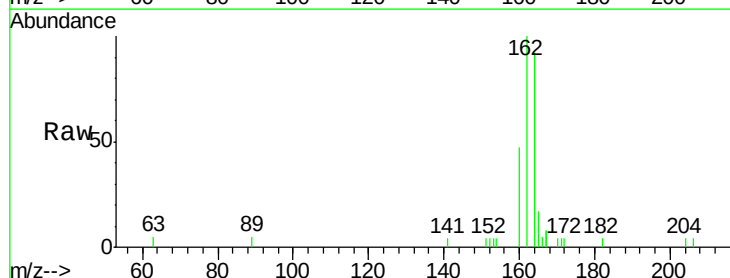
Tgt Ion:164 Resp: 1754

Ion Ratio Lower Upper

164 100

162 108.7 83.1 124.7

160 51.2 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

14.94

1500

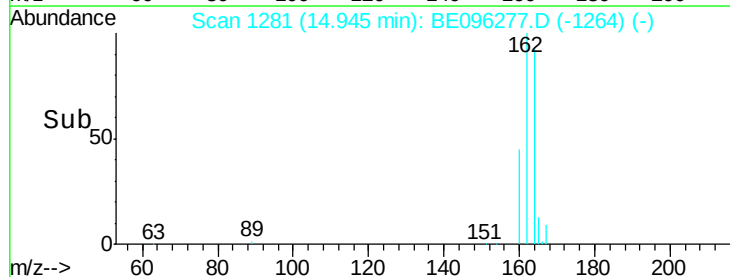
1000

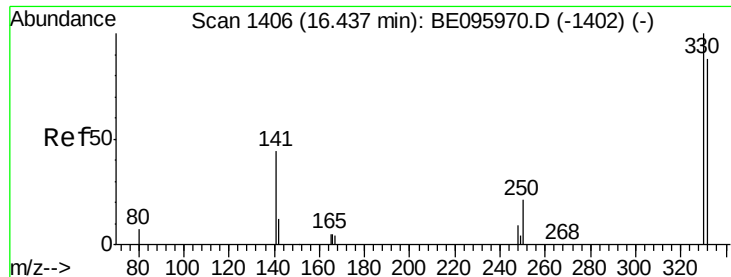
500

0

14.90 15.00 15.10

Time-->

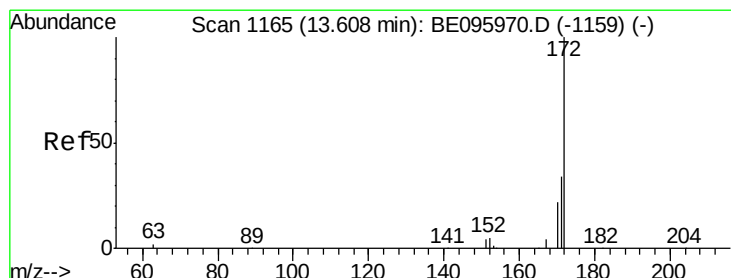
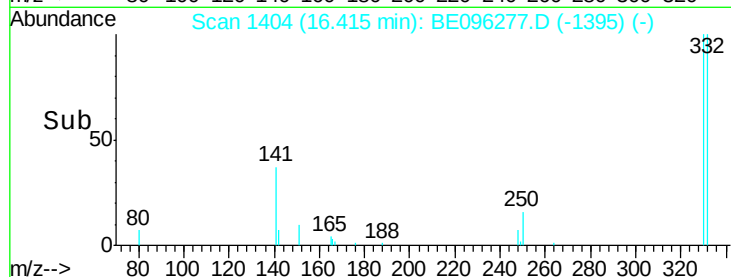
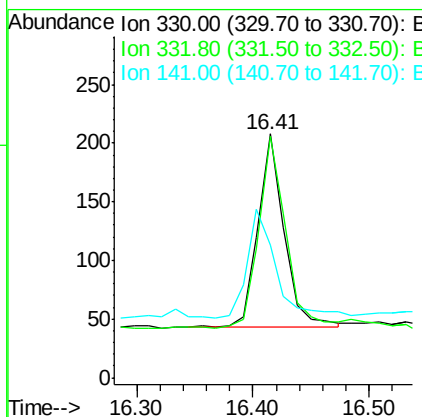
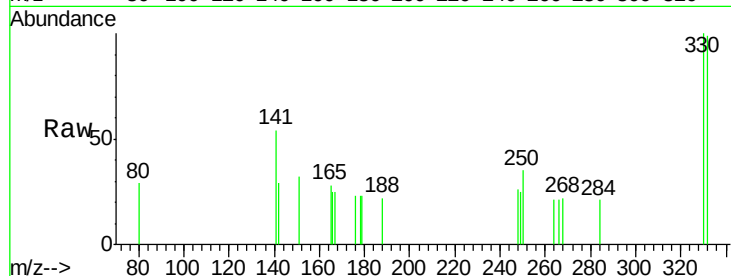




#14
 2,4,6-Tribromophenol
 Concen: 0.308 ng
 RT: 16.41 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BE096277.D
 Acq: 2 May 2018 3:10

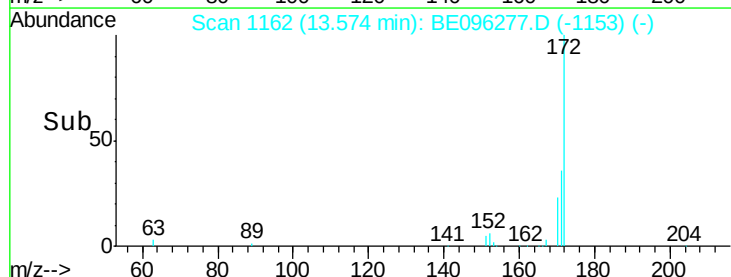
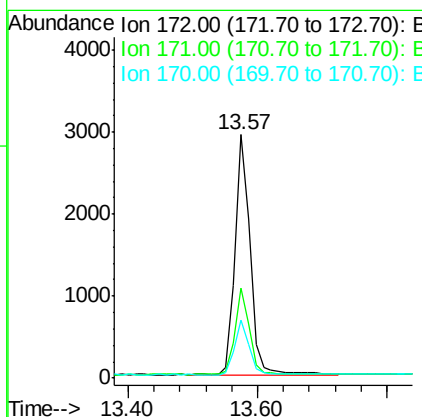
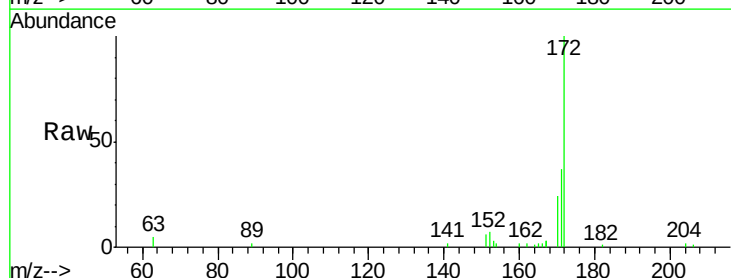
Instrument :
 BNA_E
 ClientSampled :

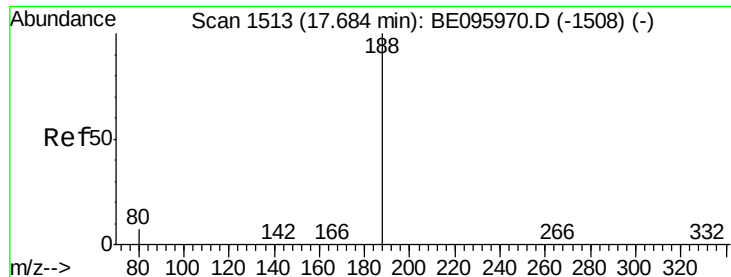
Tot Ion:330 Resp: 261
 Ion Ratio Lower Upper
 330 100
 332 101.1 152.7 229.1#
 141 59.8 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 0.613 ng
 RT: 13.57 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BE096277.D
 Acq: 2 May 2018 3:10

Tgt Ion:172 Resp: 4603
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.9 44.9
 170 24.0 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.65 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE096277.D

Acq: 2 May 2018 3:10

Instrument :

BNA_E

ClientSampleId :

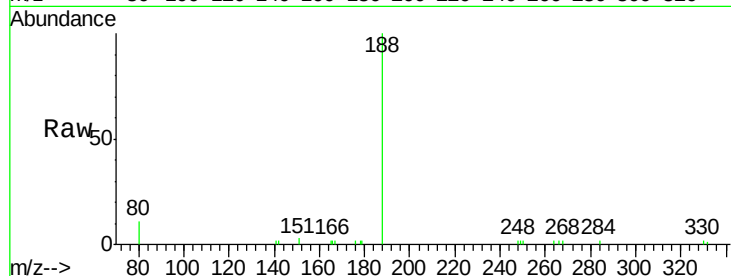
Tot Ion:188 Resp: 4155

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

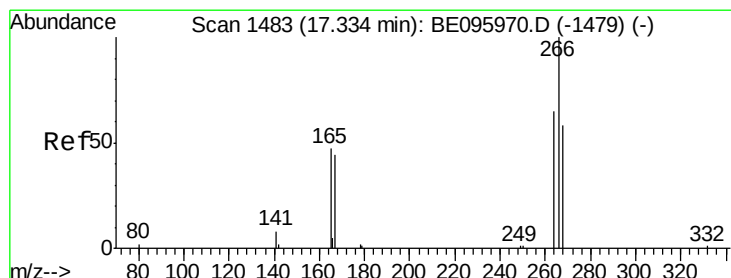
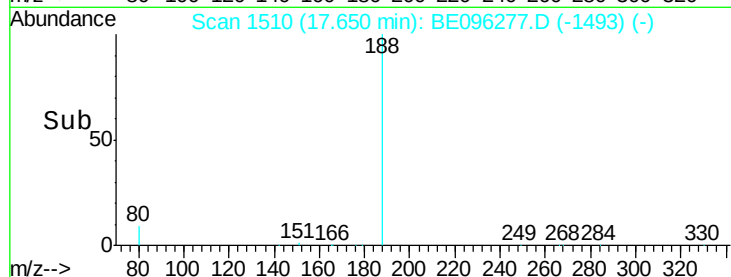
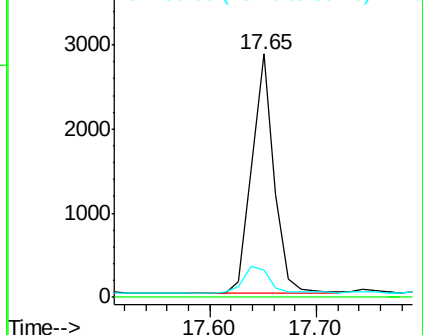
80 11.2 3.6 5.4#



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



#22

Pentachlorophenol

Concen: 0.138 ng

RT: 17.32 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BE096277.D

Acq: 2 May 2018 3:10

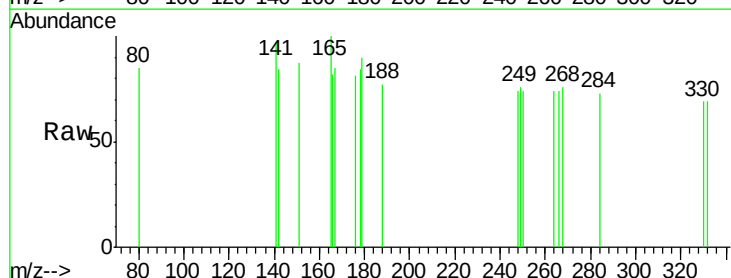
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 100.0 72.5 108.7

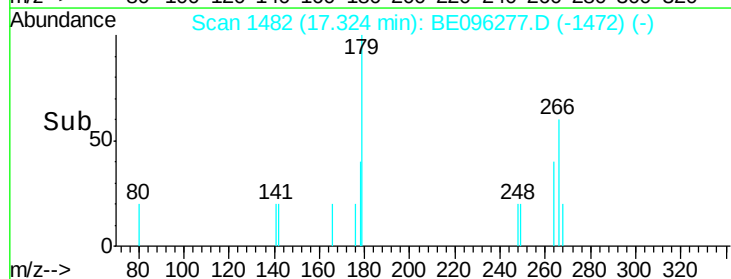
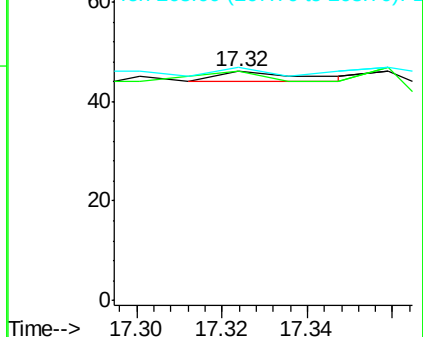
268 102.2 73.8 110.6

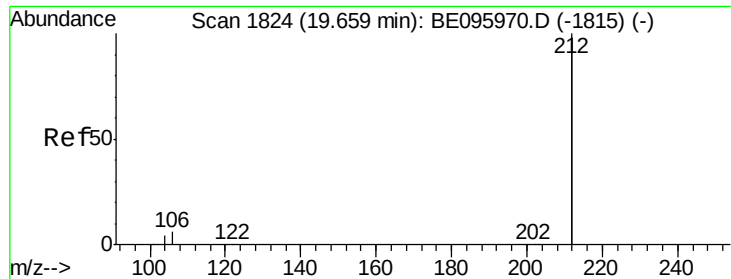


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

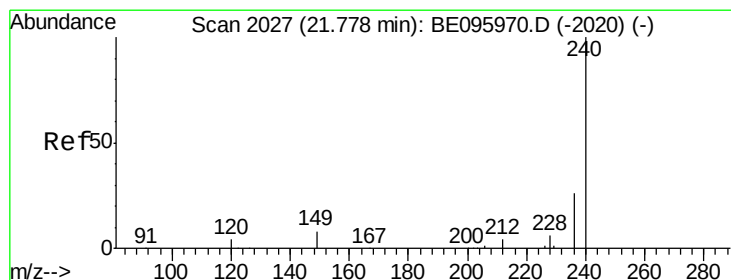
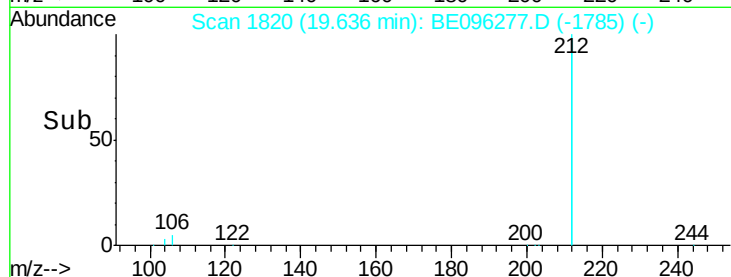
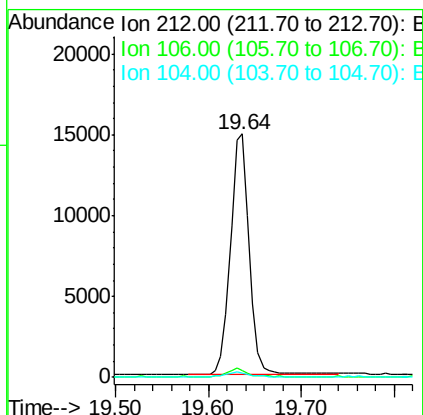
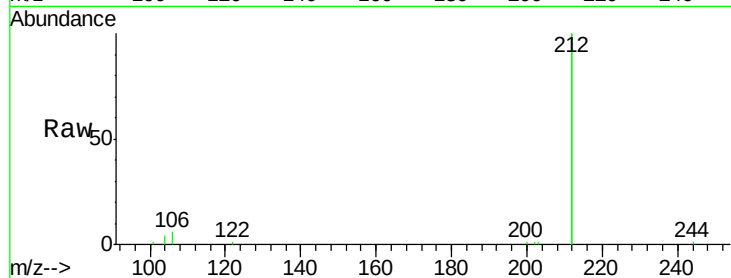




#25
 Fluoranthene-d10
 Concen: 0.369 ng
 RT: 19.64 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BE096277.D
 Acq: 2 May 2018 3:10

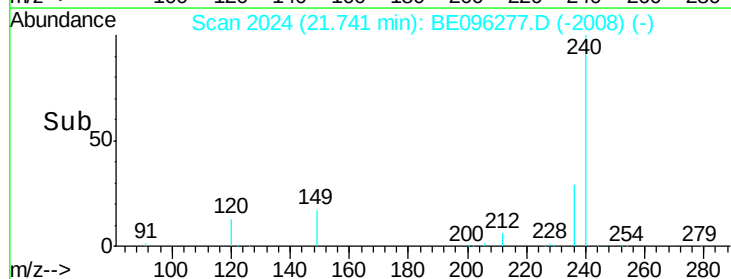
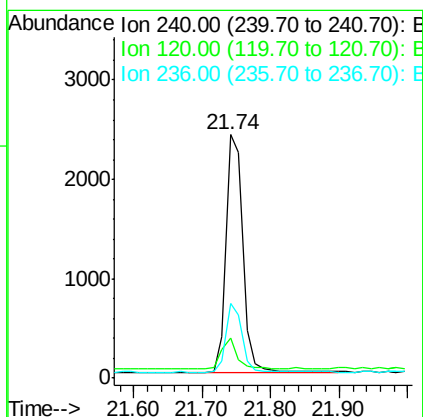
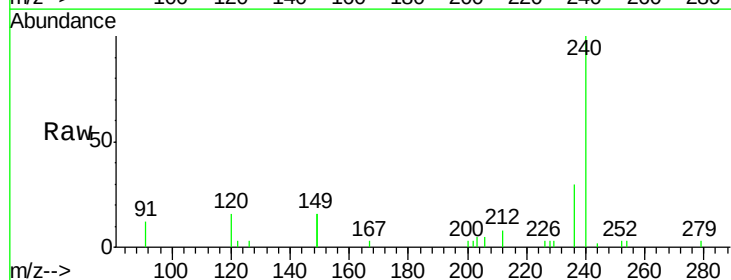
Instrument :
 BNA_E
 ClientSampleId :

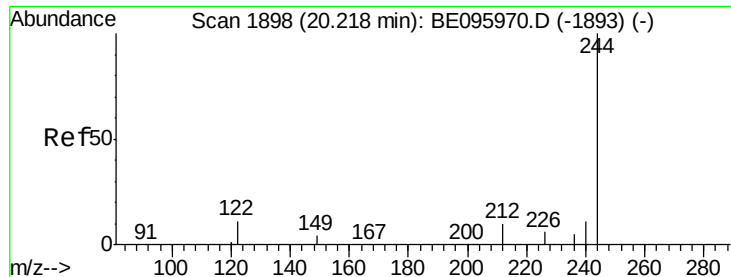
Tot Ion:212 Resp: 20808
 Ion Ratio Lower Upper
 212 100
 106 3.0 2.8 4.2
 104 1.7 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.74 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BE096277.D
 Acq: 2 May 2018 3:10

Tgt Ion:240 Resp: 4081
 Ion Ratio Lower Upper
 240 100
 120 16.4 5.5 8.3#
 236 30.5 20.7 31.1





#29

Terphenyl-d14

Concen: 0.600 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096277.D

Acq: 2 May 2018 3:10

Instrument :

BNA_E

ClientSampleId :

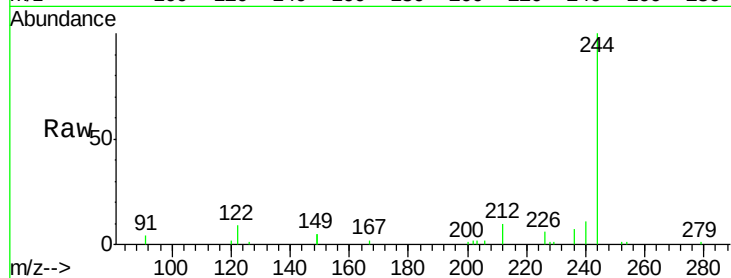
Tot Ion:244 Resp: 5413

Ion Ratio Lower Upper

244 100

212 10.1 25.4 38.0#

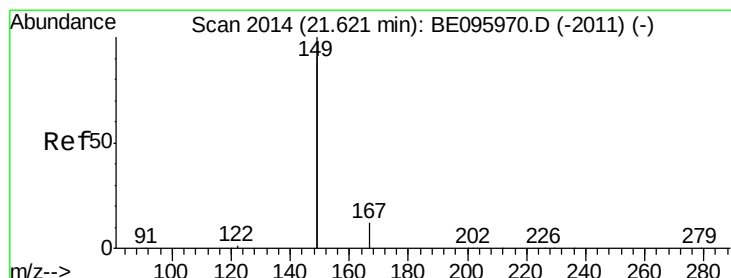
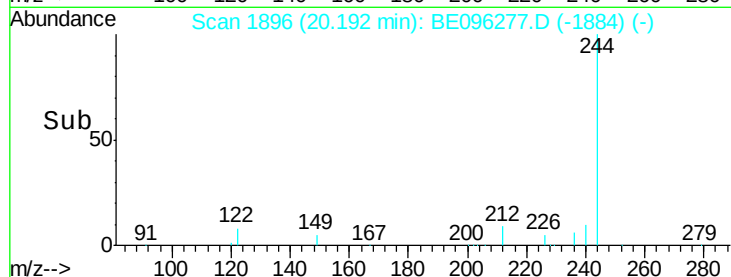
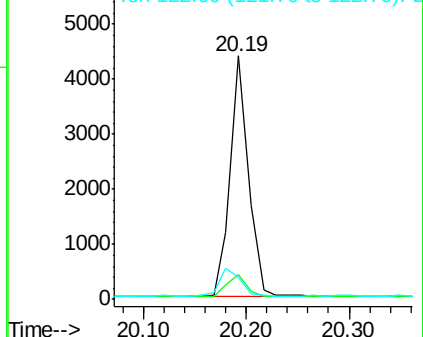
122 9.0 8.1 12.1



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: 0.043 ng

RT: 21.60 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096277.D

Acq: 2 May 2018 3:10

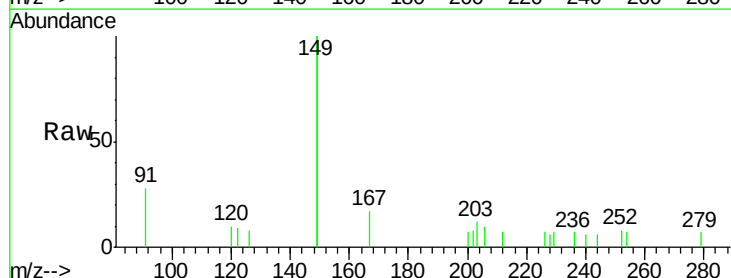
Tgt Ion:149 Resp: 1447

Ion Ratio Lower Upper

149 100

167 9.4 5.4 8.0#

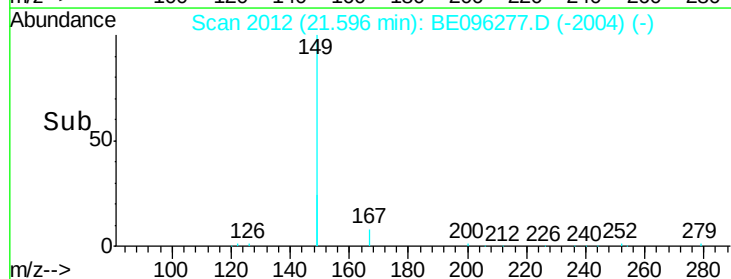
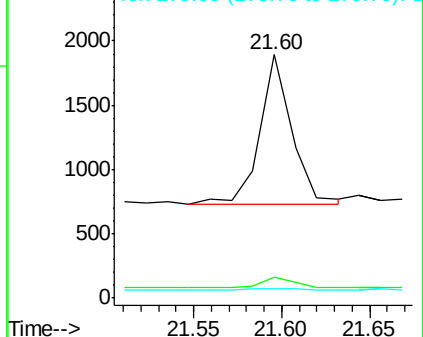
279 2.3 0.7 1.1#

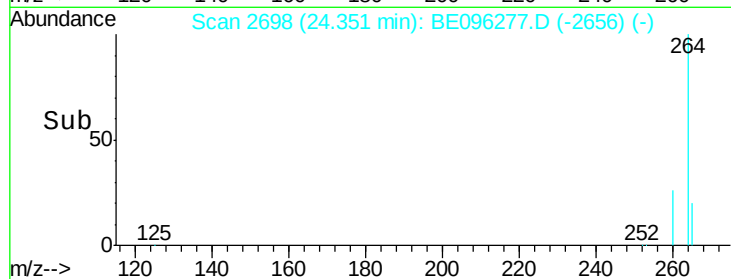
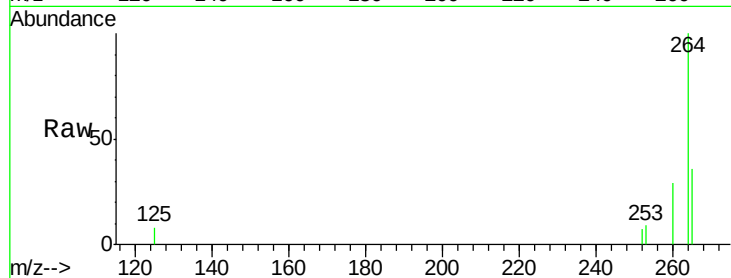
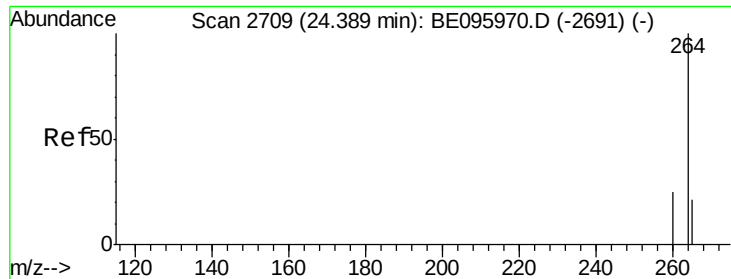


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.35 min Scan# 2698
 Delta R.T. -0.00 min
 Lab File: BE096277.D
 Acq: 2 May 2018 3:10

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 264 Resp: 3135
 Ion Ratio Lower Upper
 264 100
 260 28.6 20.5 30.7
 265 36.3 22.8 34.2

