

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050118\
 Data File : BE096285.D
 Acq On : 2 May 2018 8:00
 Operator : SJ/JU
 Sample : J2641-13
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 02 11:19:34 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

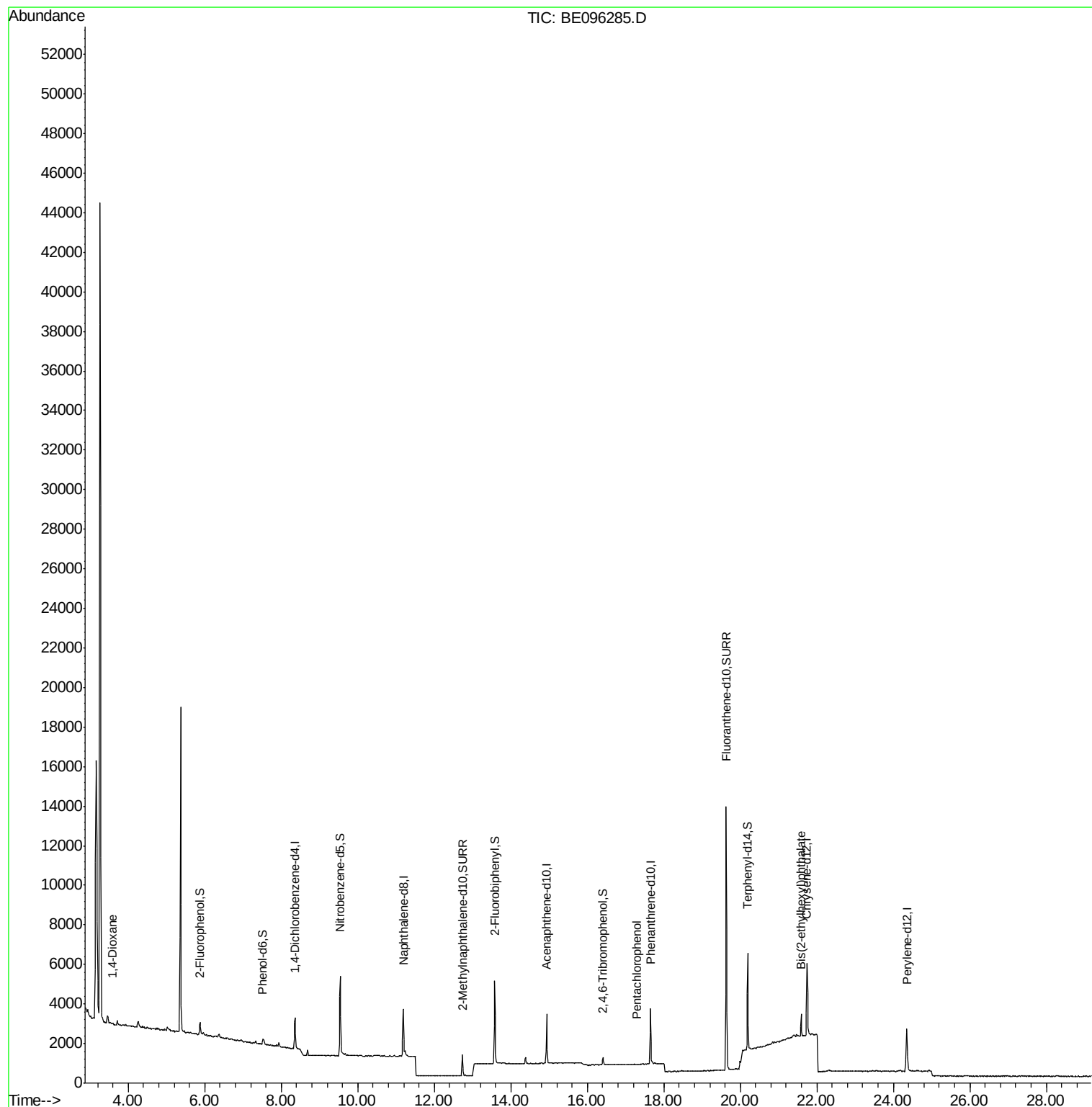
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	807	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3006	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1617	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	3756	0.40	ng	0.00
27) Chrysene-d12	21.74	240	3802	0.40	ng	0.00
34) Perylene-d12	24.35	264	3494	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.87	112	336	0.13	ng	0.01
5) Phenol-d6	7.52	99	272	0.08	ng	0.01
8) Nitrobenzene-d5	9.54	82	1673	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	1562	0.33	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	226	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	3819	0.55	ng	0.00
25) Fluoranthene-d10	19.63	212	17209	0.34	ng	0.00
29) Terphenyl-d14	20.19	244	4735	0.56	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.57	88	30	0.024	ng	Qvalue # 68
22) Pentachlorophenol	17.29	266	6	0.141	ng	93
32) Bis(2-ethylhexyl)phthalate	21.60	149	1324	0.042	ng	# 98

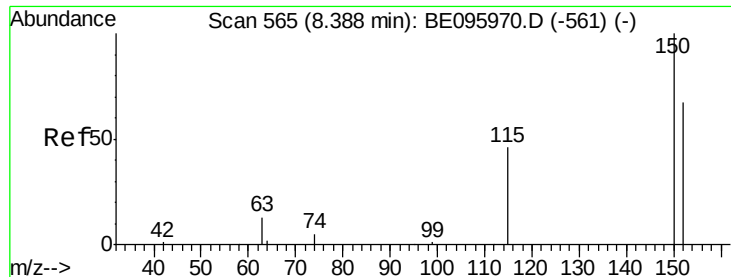
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 30 14:27:29 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.36 min Scan# 562

Delta R.T. 0.00 min

Lab File: BE096285.D

Acq: 2 May 2018 8:00

Instrument :

BNA_E

ClientSampleId :

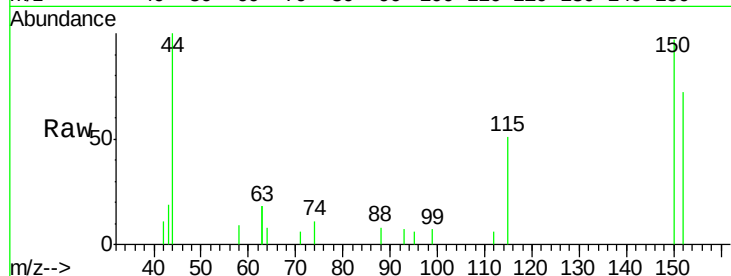
Tot Ion:152 Resp: 807

Ion Ratio Lower Upper

152 100

150 134.6 117.2 175.8

115 70.2 57.0 85.6



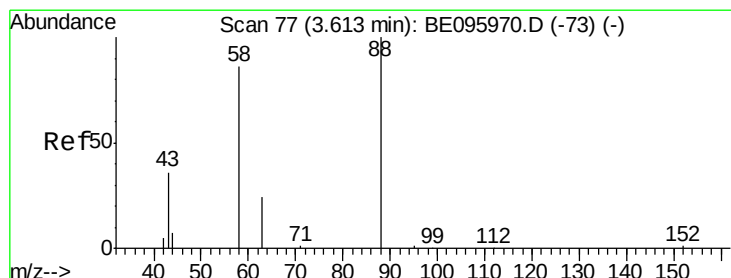
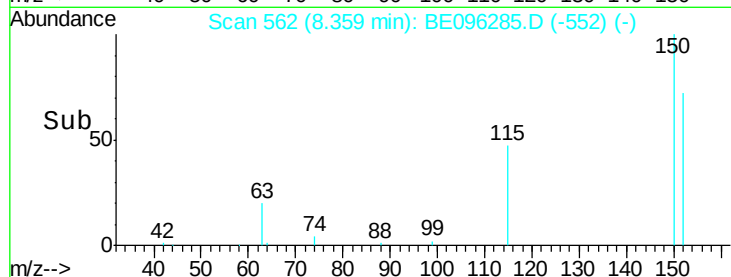
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

8.36

Time-->



#2

1,4-Dioxane

Concen: 0.024 ng

RT: 3.57 min Scan# 73

Delta R.T. -0.03 min

Lab File: BE096285.D

Acq: 2 May 2018 8:00

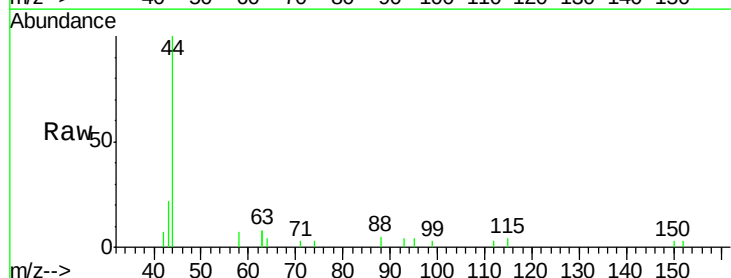
Tgt Ion: 88 Resp: 30

Ion Ratio Lower Upper

88 100

58 83.3 63.2 94.8

43 0.0 41.2 61.8#



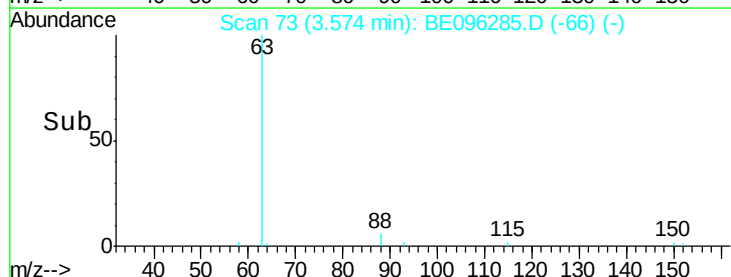
Abundance Ion 88.00 (87.70 to 88.70): BE0

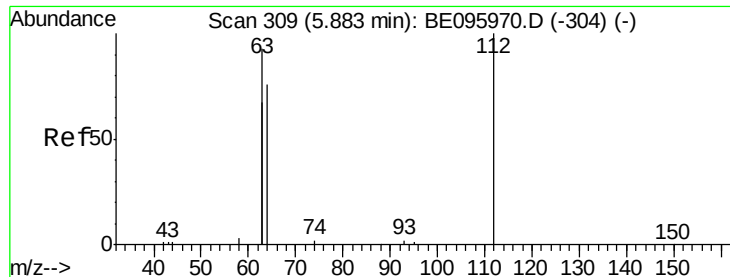
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

3.57

Time-->





#4

2-Fluorophenol

Concen: 0.135 ng

RT: 5.87 min Scan# 308

Delta R.T. 0.01 min

Lab File: BE096285.D

Acq: 2 May 2018 8:00

Instrument :

BNA_E

ClientSampleId :

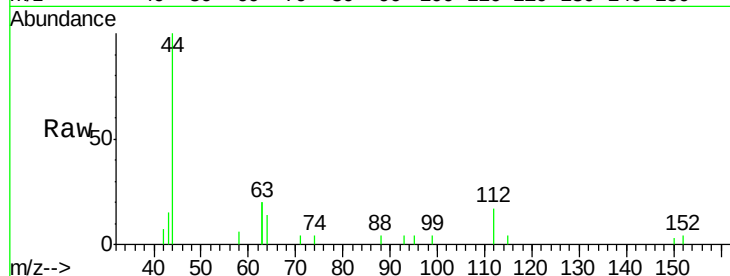
Tot Ion: 112 Resp: 336

Ion Ratio Lower Upper

112 100

64 80.7 60.1 90.1

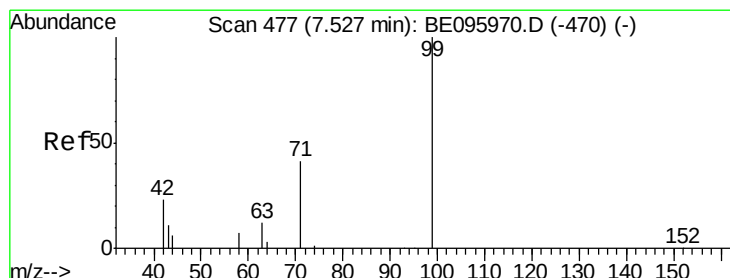
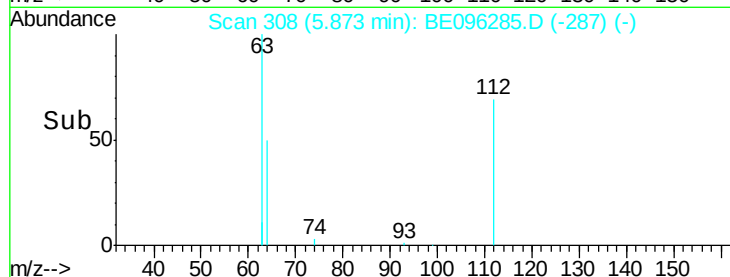
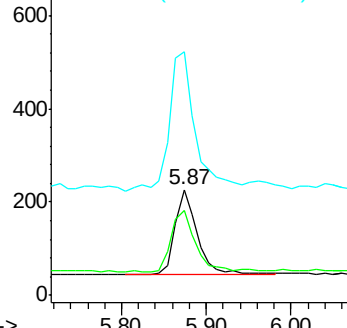
63 190.2 116.8 175.2#



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



#5

Phenol-d6

Concen: 0.079 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096285.D

Acq: 2 May 2018 8:00

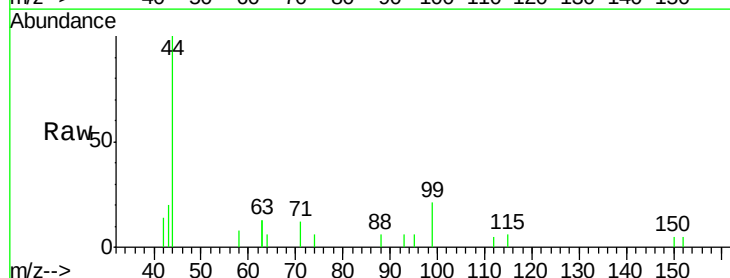
Tgt Ion: 99 Resp: 272

Ion Ratio Lower Upper

99 100

42 34.2 20.2 30.2#

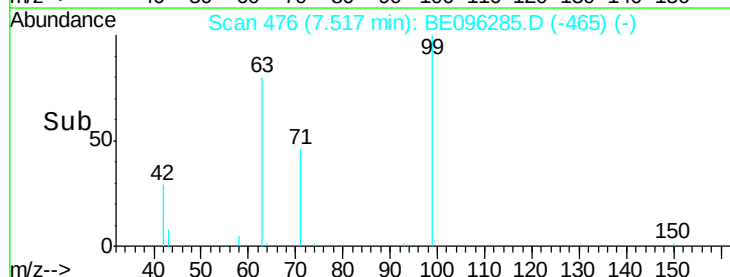
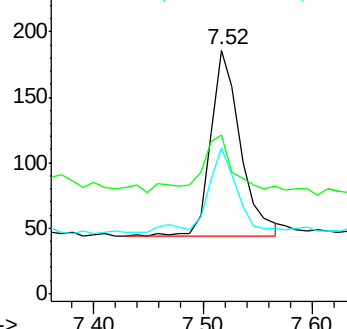
71 38.6 28.4 42.6

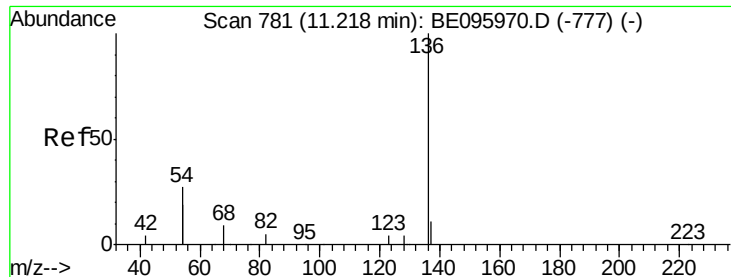


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 11.19 min Scan# 779

Delta R.T. 0.00 min

Lab File: BE096285.D

Acq: 2 May 2018 8:00

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 3006

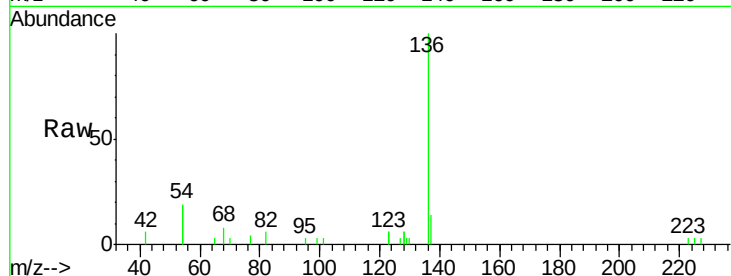
Ion Ratio Lower Upper

136 100

137 13.6 9.5 14.3

54 38.4 29.1 43.7

68 7.7 6.2 9.2

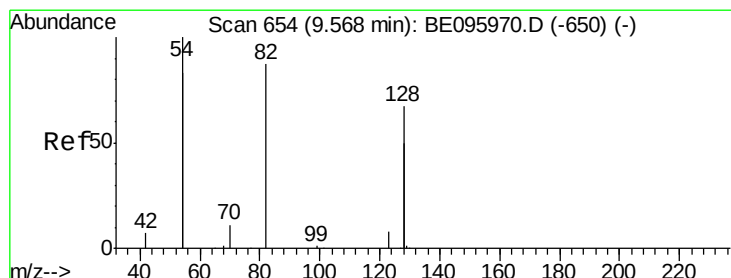
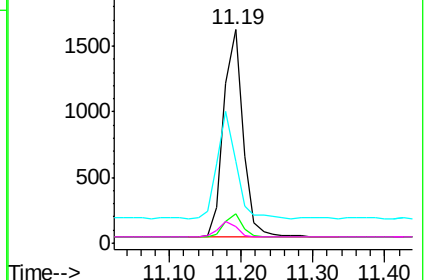
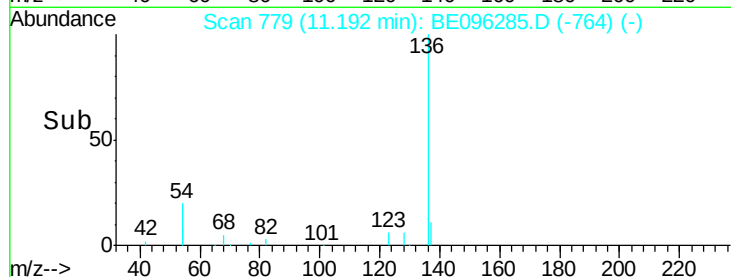


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.475 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE096285.D

Acq: 2 May 2018 8:00

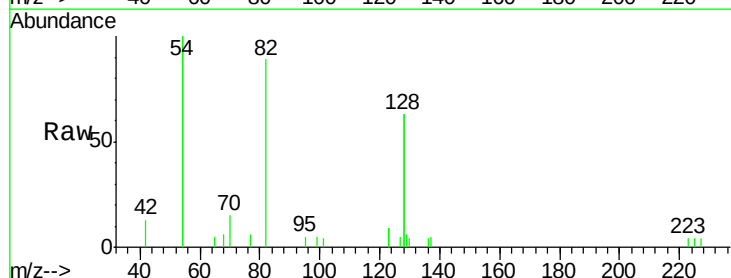
Tgt Ion: 82 Resp: 1673

Ion Ratio Lower Upper

82 100

128 141.6 150.0 225.0#

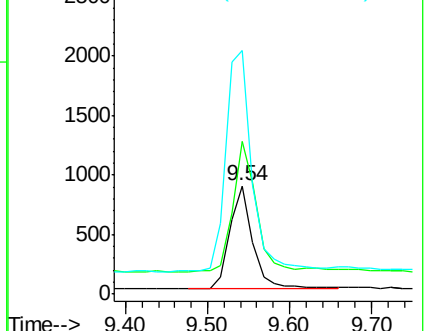
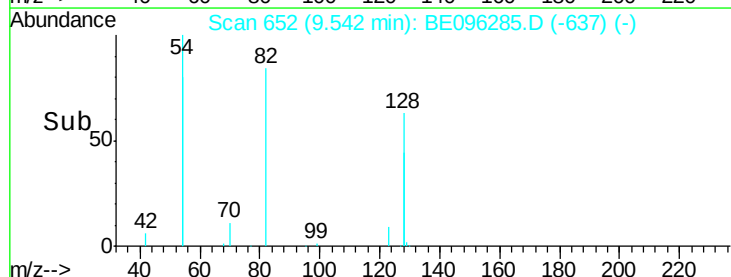
54 225.6 154.2 231.4

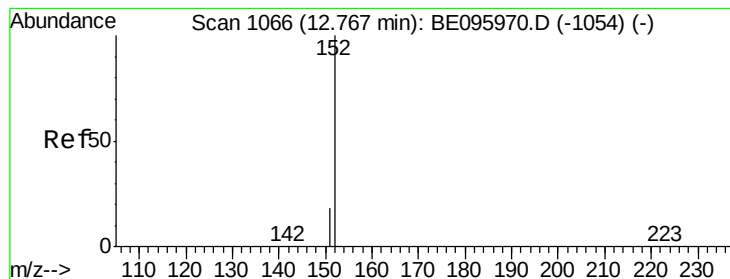


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.328 ng

RT: 12.73 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE096285.D

Acq: 2 May 2018 8:00

Instrument :

BNA_E

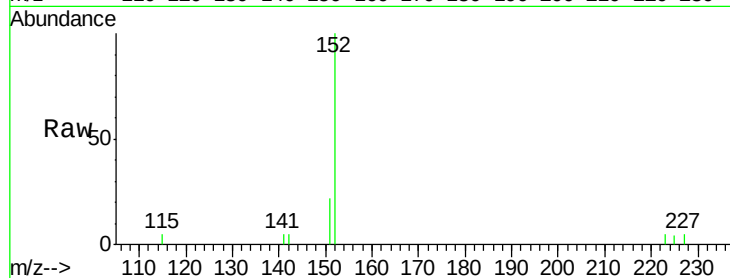
ClientSampled :

Tot Ion:152 Resp: 1562

Ion Ratio Lower Upper

152 100

151 19.8 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

800

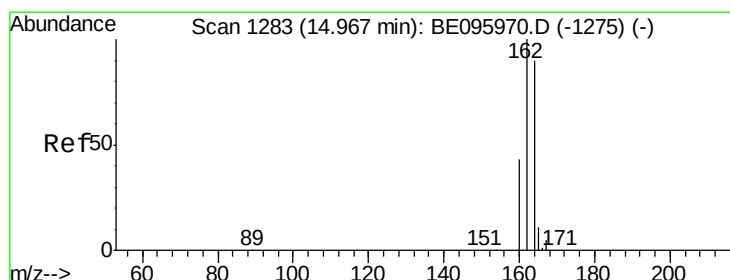
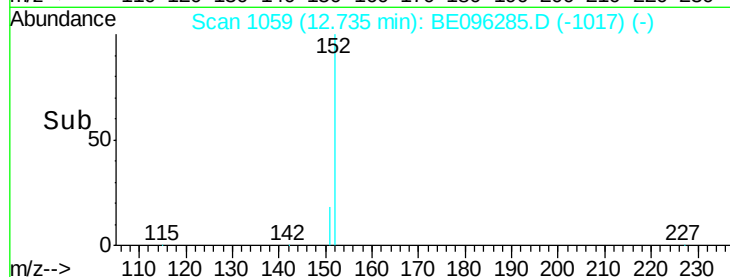
600

400

200

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.94 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BE096285.D

Acq: 2 May 2018 8:00

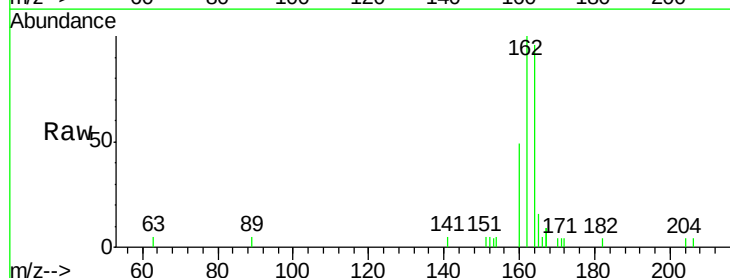
Tgt Ion:164 Resp: 1617

Ion Ratio Lower Upper

164 100

162 104.0 83.1 124.7

160 50.5 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

14.94

1000

800

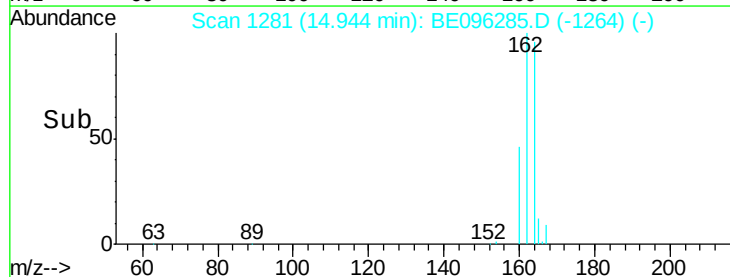
600

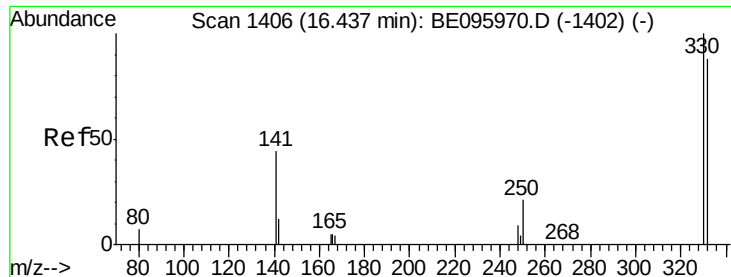
400

200

0

Time-->





#14

2,4,6-Tribromophenol

Concen: 0.289 ng

RT: 16.41 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BE096285.D

Acq: 2 May 2018 8:00

Instrument :

BNA_E

ClientSampleId :

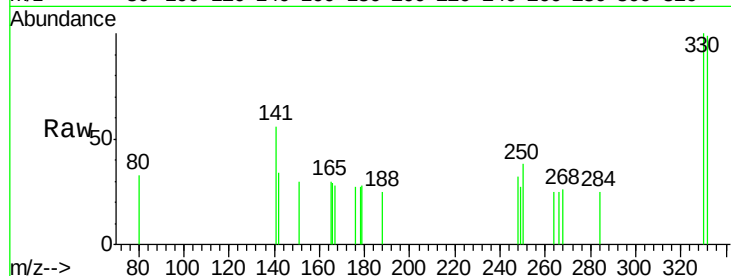
Tot Ion:330 Resp: 226

Ion Ratio Lower Upper

330 100

332 95.1 152.7 229.1#

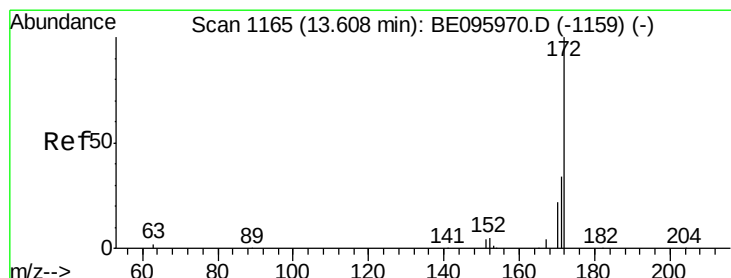
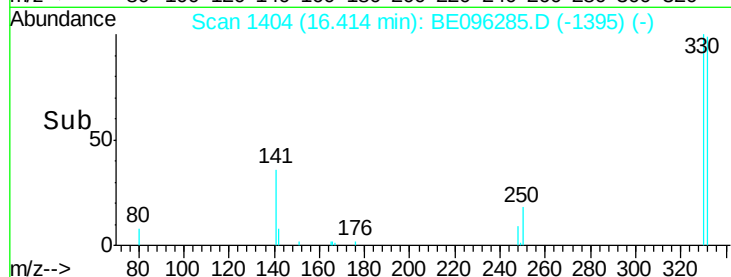
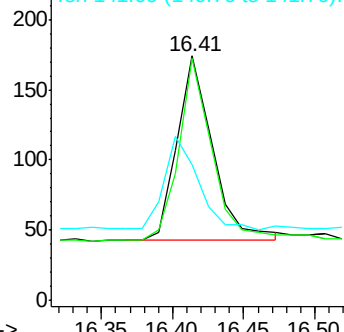
141 49.1 33.7 50.5



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: 0.552 ng

RT: 13.57 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BE096285.D

Acq: 2 May 2018 8:00

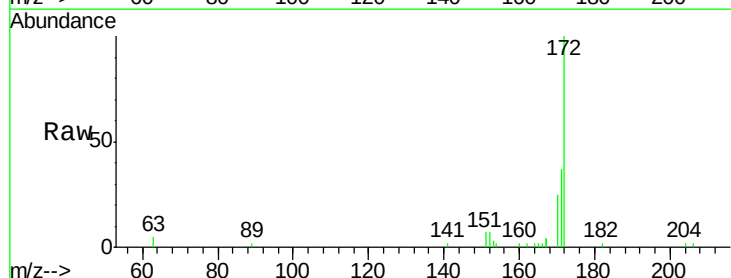
Tgt Ion:172 Resp: 3819

Ion Ratio Lower Upper

172 100

171 37.2 29.9 44.9

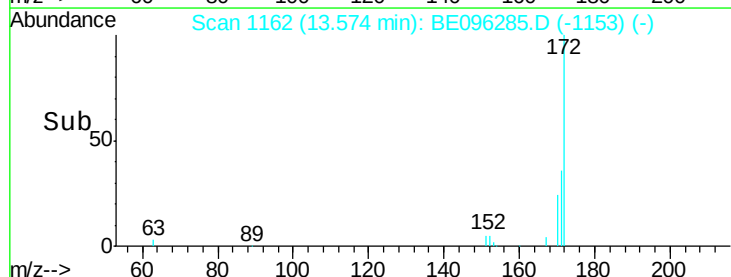
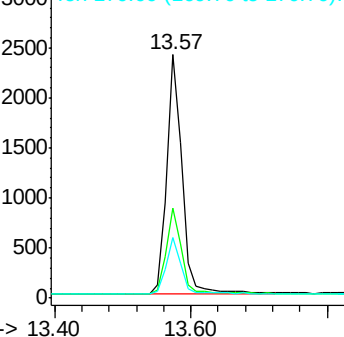
170 24.9 21.8 32.8

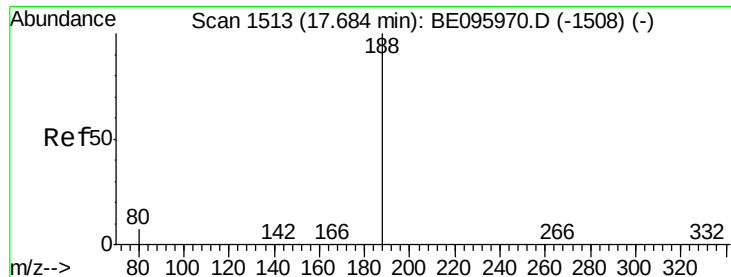


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.65 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE096285.D

Acq: 2 May 2018 8:00

Instrument :

BNA_E

ClientSampleId :

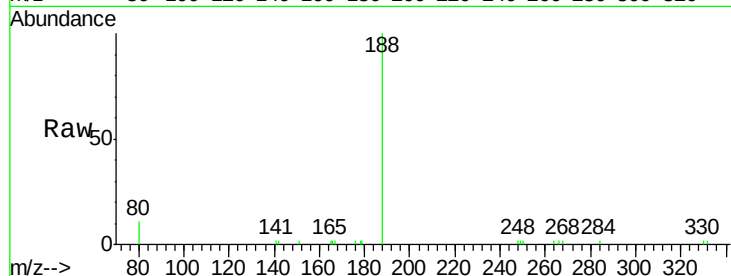
Tot Ion:188 Resp: 3756

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

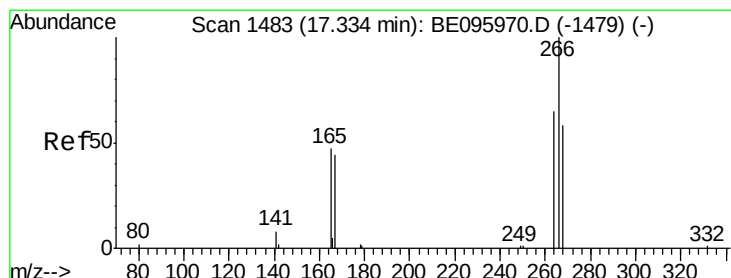
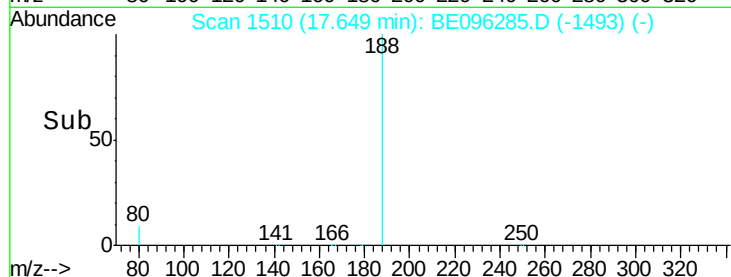
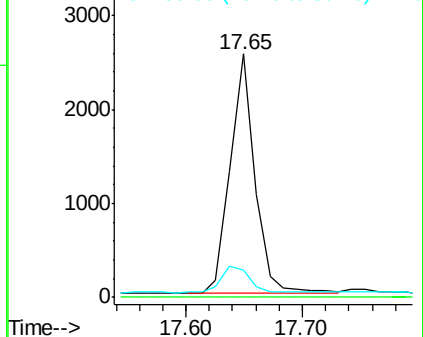
80 11.2 3.6 5.4#



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: 0.141 ng

RT: 17.29 min Scan# 1479

Delta R.T. -0.02 min

Lab File: BE096285.D

Acq: 2 May 2018 8:00

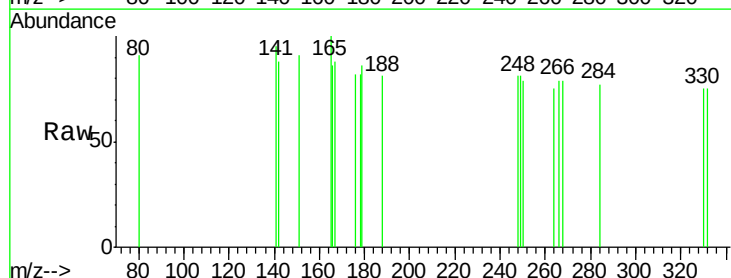
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 95.6 72.5 108.7

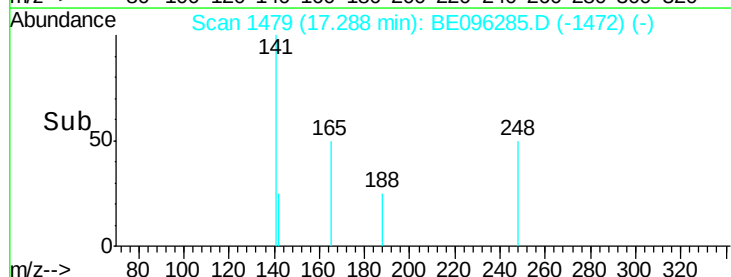
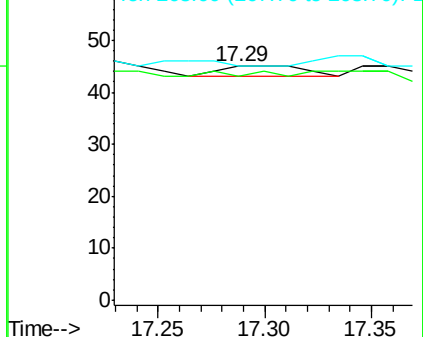
268 100.0 73.8 110.6

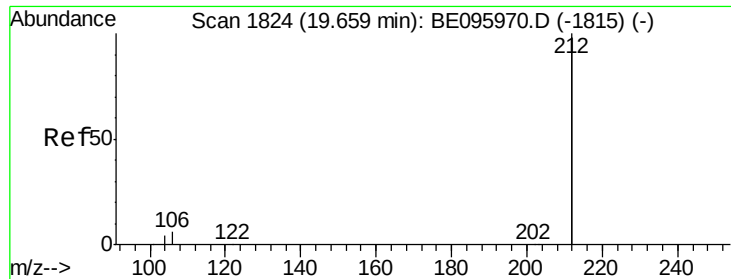


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

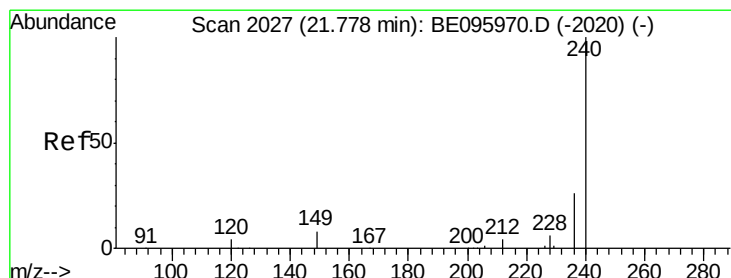
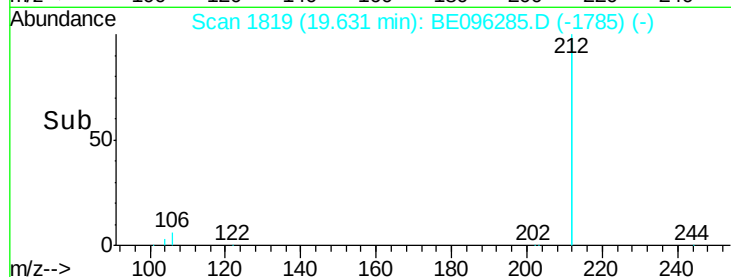
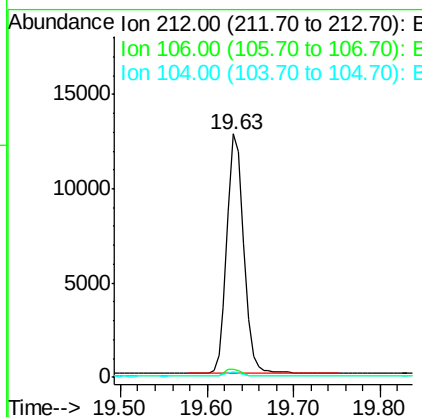
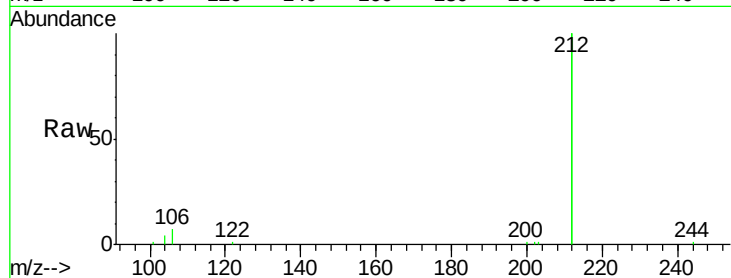




#25
 Fluoranthene-d10
 Concen: 0.337 ng
 RT: 19.63 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BE096285.D
 Acq: 2 May 2018 8:00

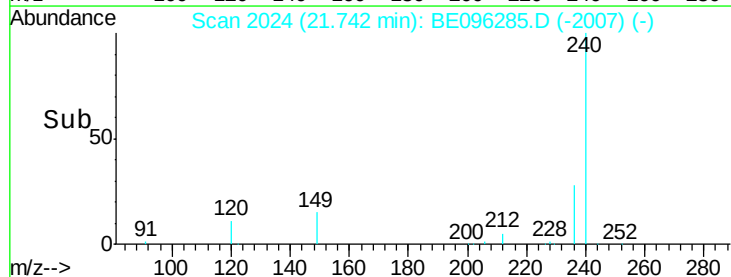
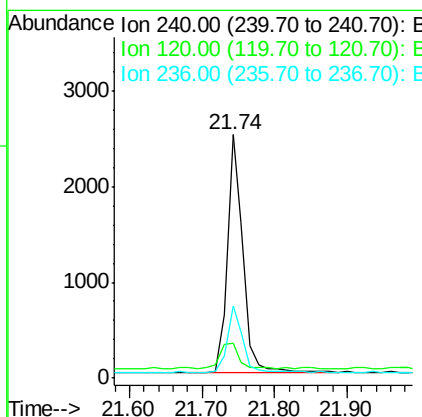
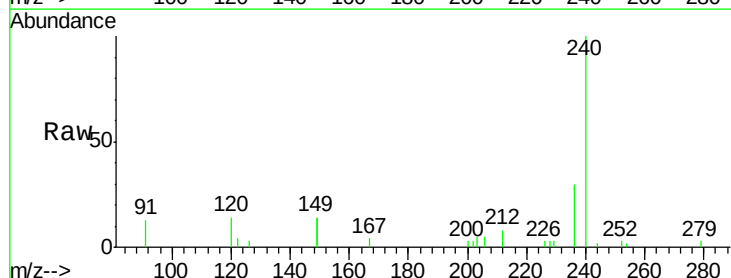
Instrument :
 BNA_E
 ClientSampleId :

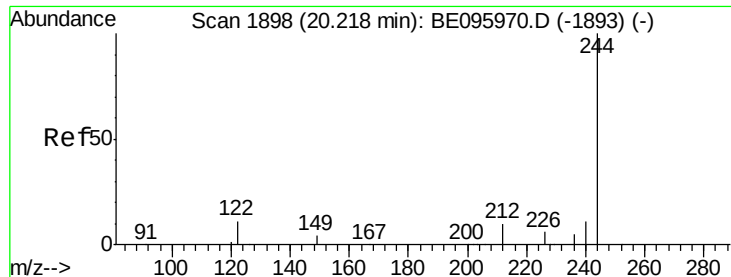
Tot Ion:212 Resp: 17209
 Ion Ratio Lower Upper
 212 100
 106 3.1 2.8 4.2
 104 1.8 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.74 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BE096285.D
 Acq: 2 May 2018 8:00

Tgt Ion:240 Resp: 3802
 Ion Ratio Lower Upper
 240 100
 120 14.2 5.5 8.3#
 236 29.6 20.7 31.1





#29

Terphenyl-d14

Concen: 0.564 ng

RT: 20.19 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BE096285.D

Acq: 2 May 2018 8:00

Instrument :

BNA_E

ClientSampleId :

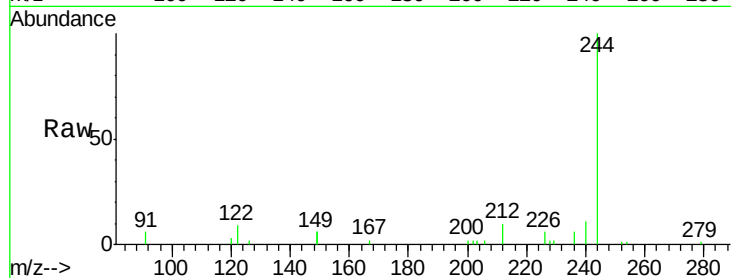
Tot Ion:244 Resp: 4735

Ion Ratio Lower Upper

244 100

212 10.0 25.4 38.0#

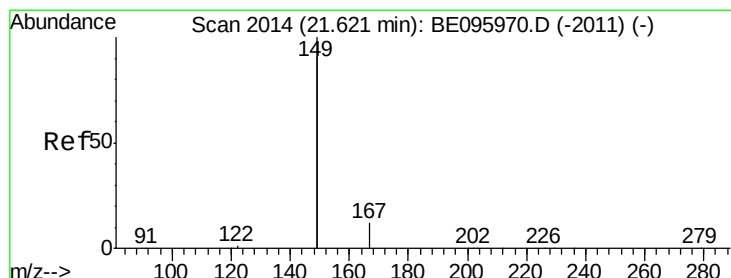
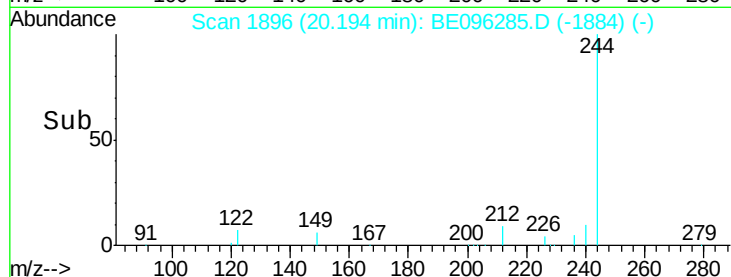
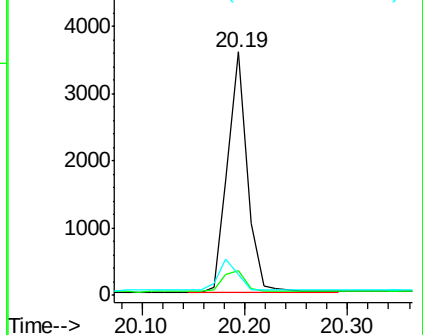
122 8.6 8.1 12.1



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: 0.042 ng

RT: 21.60 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BE096285.D

Acq: 2 May 2018 8:00

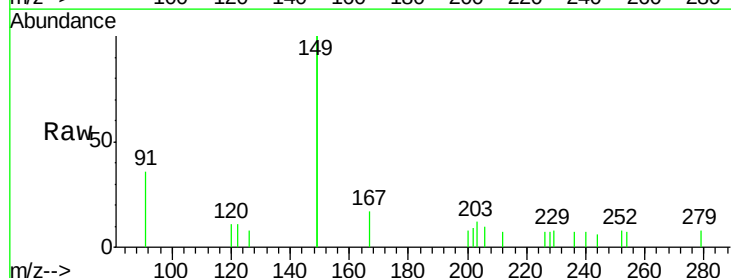
Tgt Ion:149 Resp: 1324

Ion Ratio Lower Upper

149 100

167 7.3 5.4 8.0

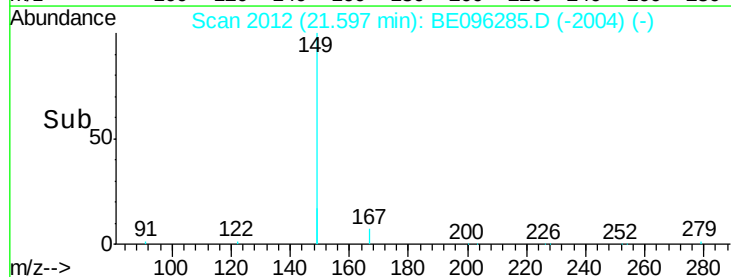
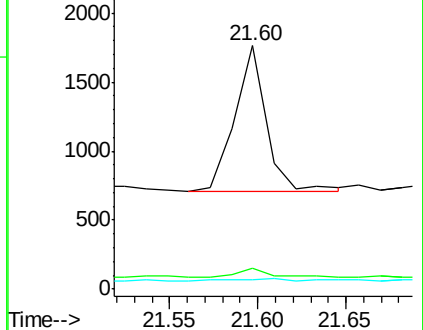
279 1.7 0.7 1.1#

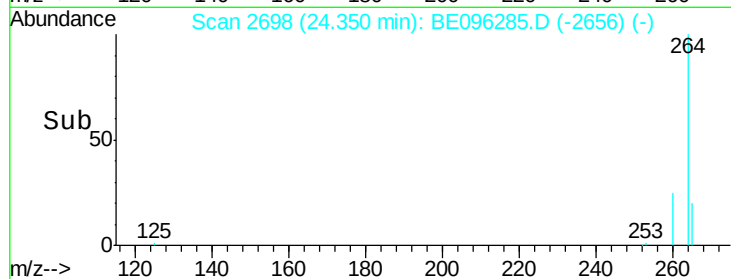
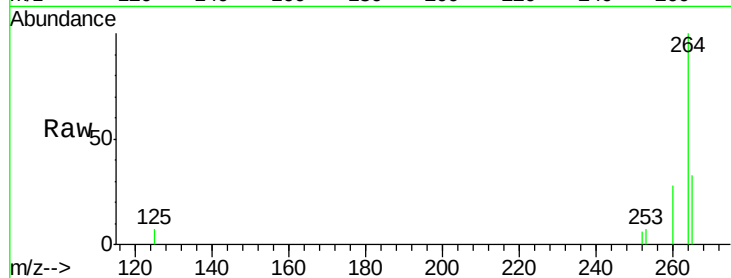
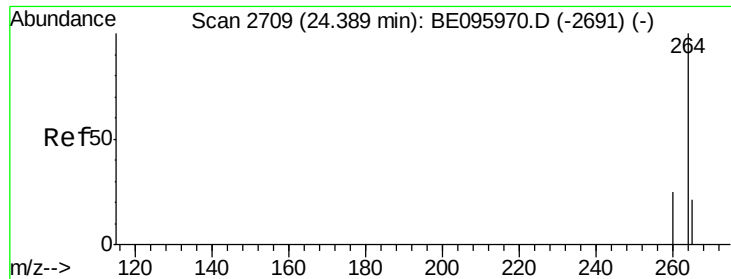


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.35 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BE096285.D

Acq: 2 May 2018 8:00

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 3494

Ion Ratio Lower Upper

264 100

260 27.5 20.5 30.7

265 32.8 22.8 34.2

