

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050118\
 Data File : BE096281.D
 Acq On : 2 May 2018 5:36
 Operator : SJ/JU
 Sample : J2641-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW309I-20180426

Quant Time: May 02 11:29:35 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

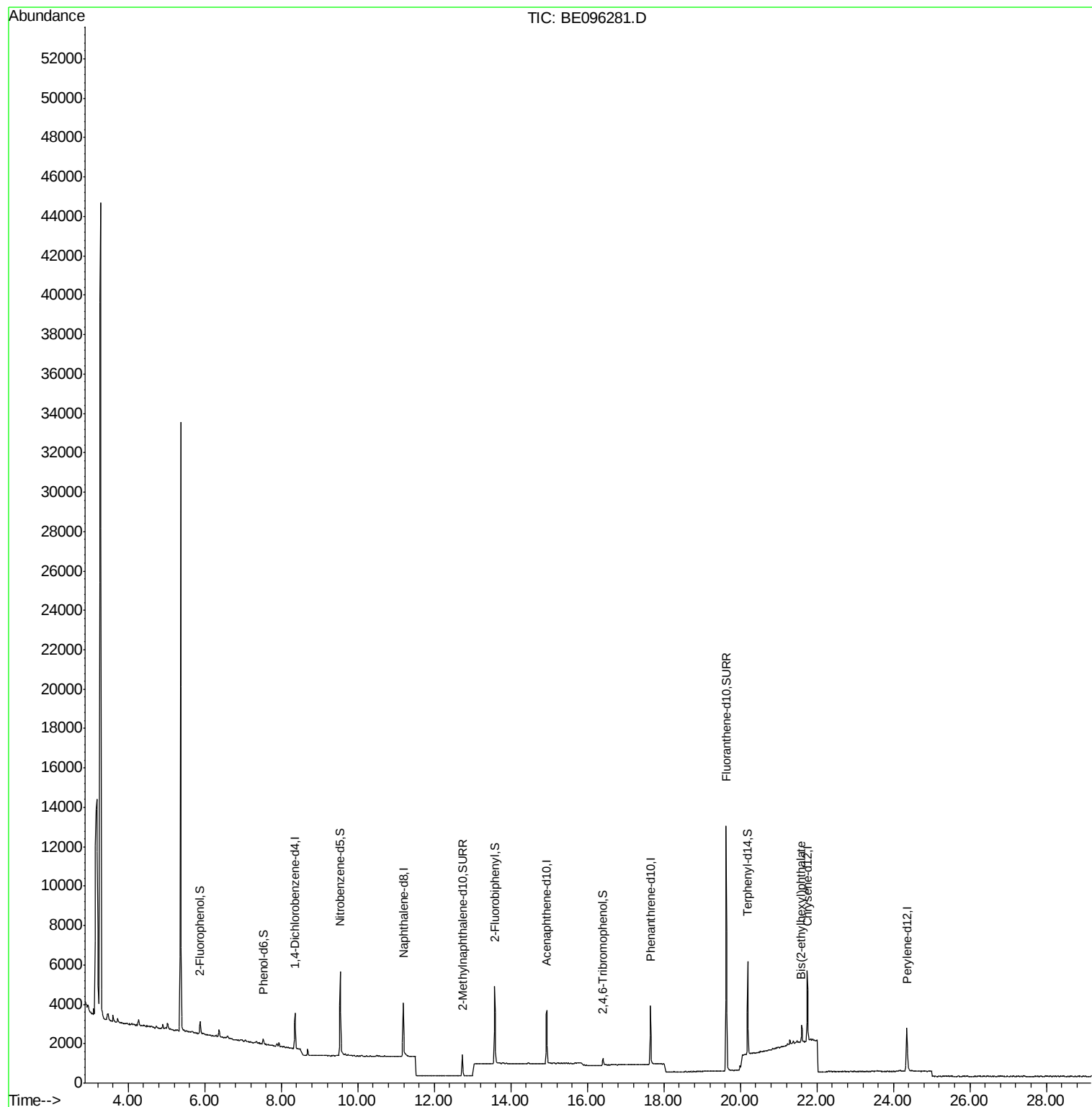
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	886	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3314	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1740	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	3973	0.40	ng	0.00
27) Chrysene-d12	21.74	240	4011	0.40	ng	0.00
34) Perylene-d12	24.35	264	3650	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.88	112	318	0.12	ng	0.02
5) Phenol-d6	7.53	99	264	0.07	ng	0.02
8) Nitrobenzene-d5	9.54	82	1739	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	1567	0.30	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	205	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	3741	0.50	ng	0.00
25) Fluoranthene-d10	19.63	212	16430	0.30	ng	0.00
29) Terphenyl-d14	20.19	244	4312	0.49	ng	0.00
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.60	149	1810	0.055	ng	# 95

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

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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041118.M
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Response via : Initial Calibration

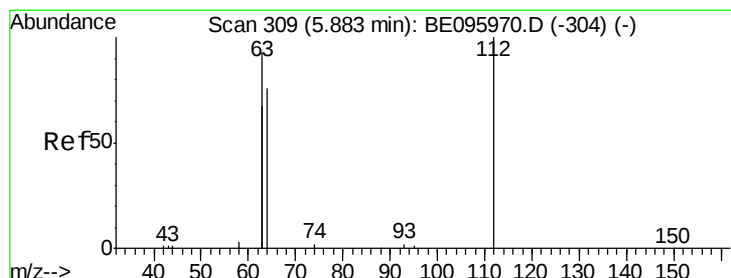
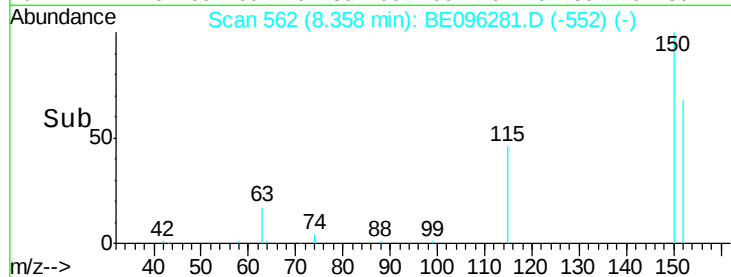
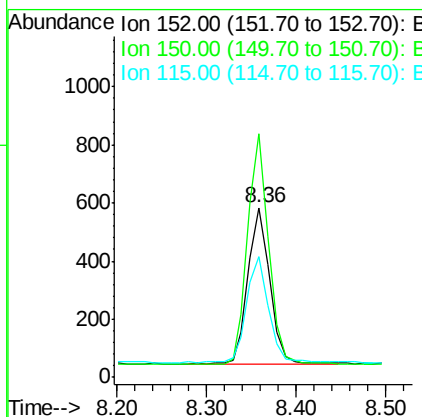
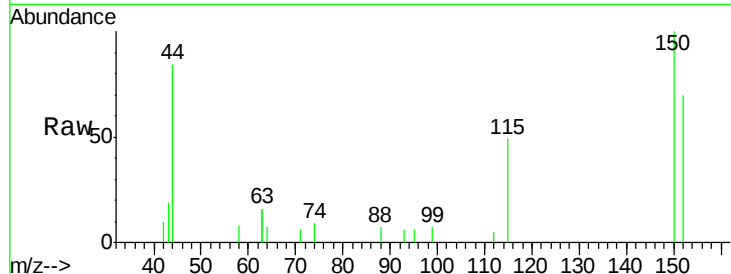




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.36 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BE096281.D
 Acq: 2 May 2018 5:36

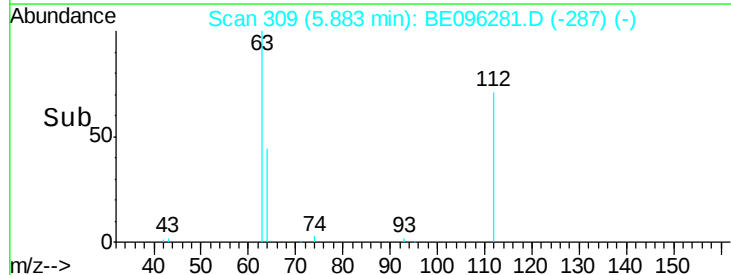
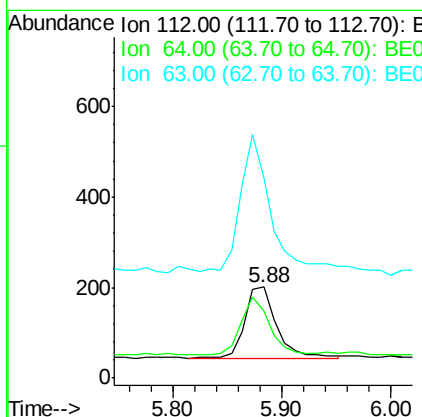
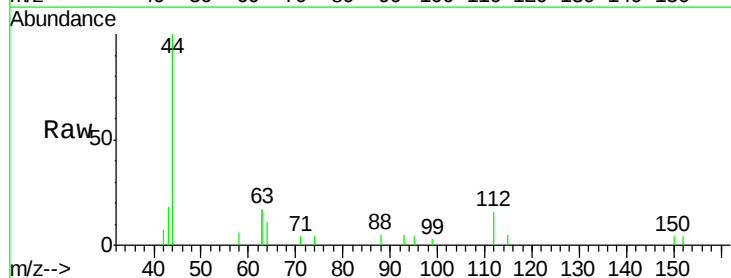
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW309I-20180426

Tgt Ion:152 Resp: 886
 Ion Ratio Lower Upper
 152 100
 150 143.7 117.2 175.8
 115 71.0 57.0 85.6



#4
 2-Fluorophenol
 Concen: 0.116 ng
 RT: 5.88 min Scan# 309
 Delta R.T. 0.02 min
 Lab File: BE096281.D
 Acq: 2 May 2018 5:36

Tgt Ion:112 Resp: 318
 Ion Ratio Lower Upper
 112 100
 64 74.8 60.1 90.1
 63 207.9 116.8 175.2#





#5

Phenol-d6

Concen: 0.070 ng

RT: 7.53 min Scan# 477

Delta R.T. 0.02 min

Lab File: BE096281.D

Acq: 2 May 2018 5:36

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309I-20180426

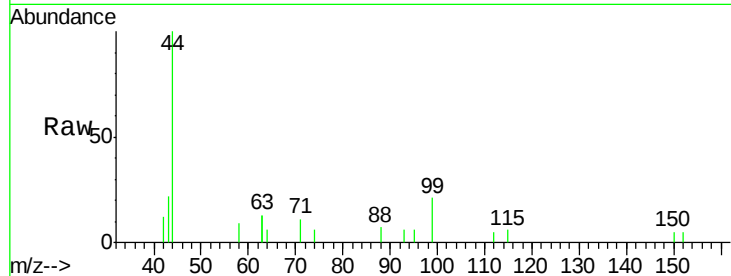
Tgt Ion: 99 Resp: 264

Ion Ratio Lower Upper

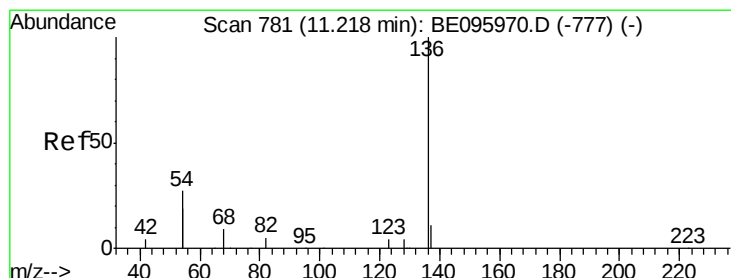
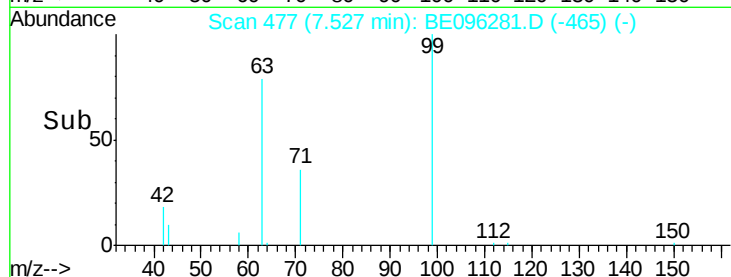
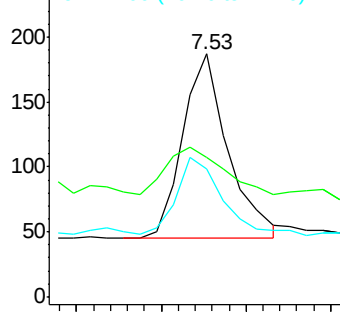
99 100

42 31.1 20.2 30.2#

71 40.5 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: BE096281.D

Acq: 2 May 2018 5:36

Tgt Ion: 136 Resp: 3314

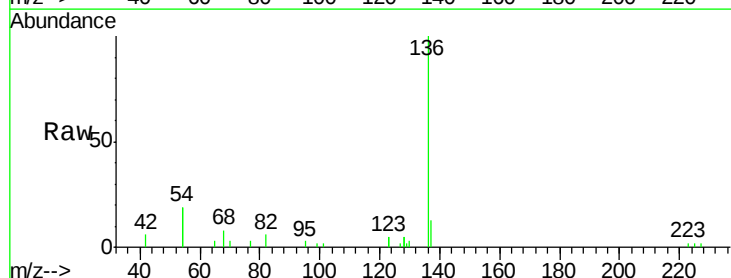
Ion Ratio Lower Upper

136 100

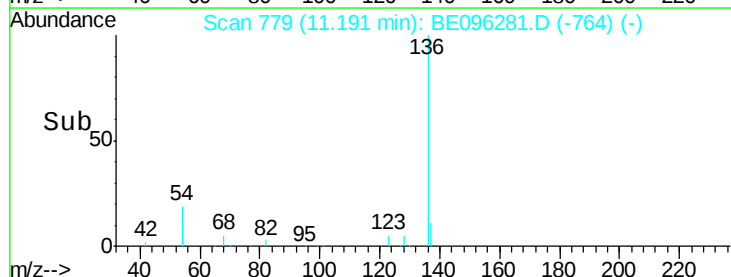
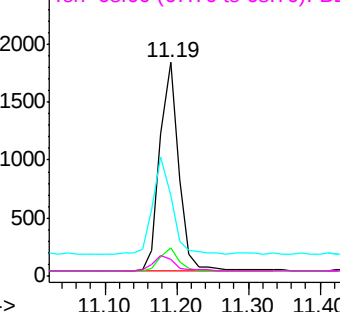
137 13.4 9.5 14.3

54 38.0 29.1 43.7

68 7.8 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: 0.447 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE096281.D

Acq: 2 May 2018 5:36

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309I-20180426

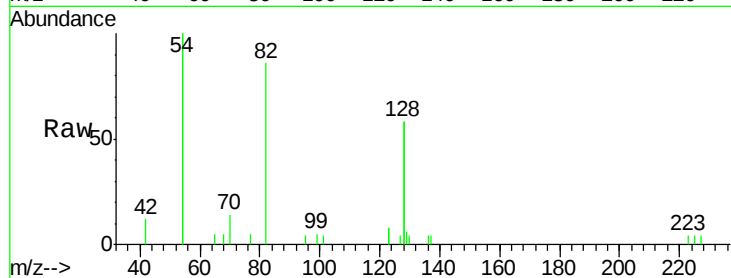
Tgt Ion: 82 Resp: 1739

Ion Ratio Lower Upper

82 100

128 135.7 150.0 225.0#

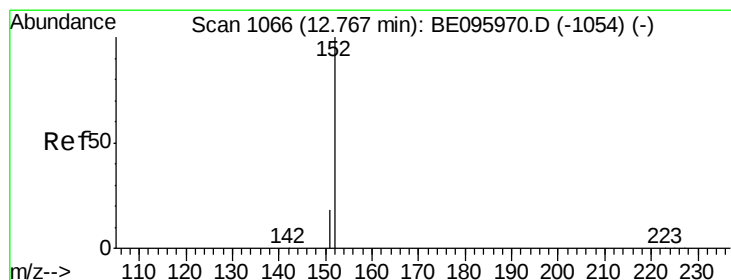
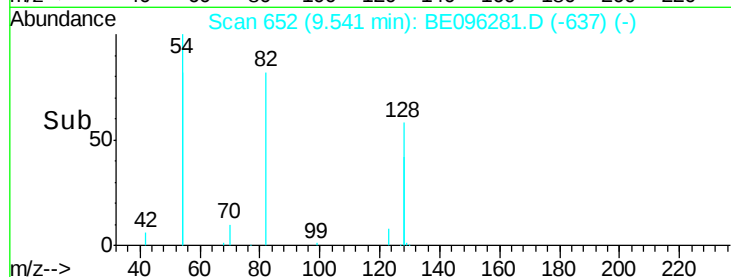
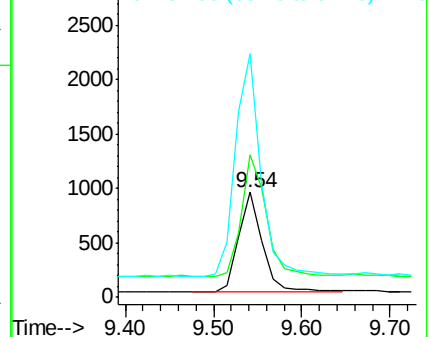
54 232.0 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE095970.D (-650) (-)

Ion 128.00 (127.70 to 128.70): BE095970.D (-650) (-)

Ion 54.00 (53.70 to 54.70): BE095970.D (-650) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.298 ng

RT: 12.73 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE096281.D

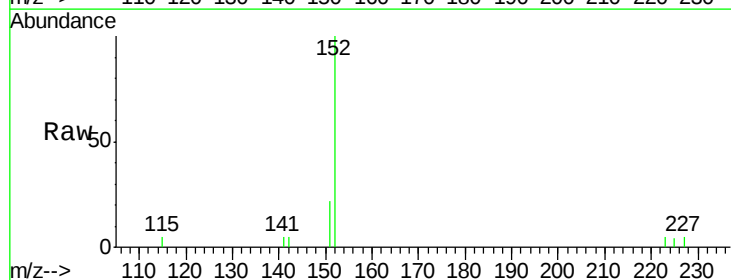
Acq: 2 May 2018 5:36

Tgt Ion: 152 Resp: 1567

Ion Ratio Lower Upper

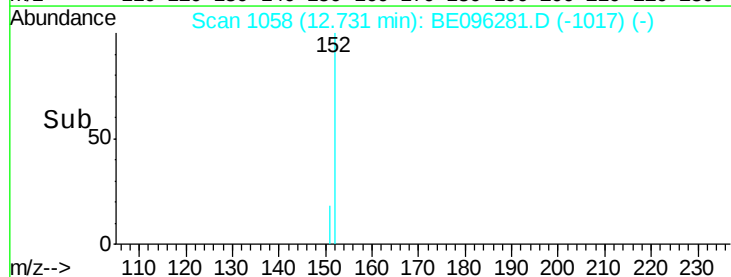
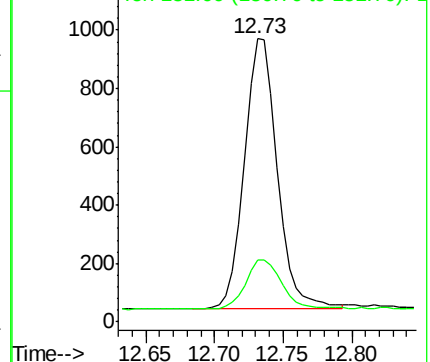
152 100

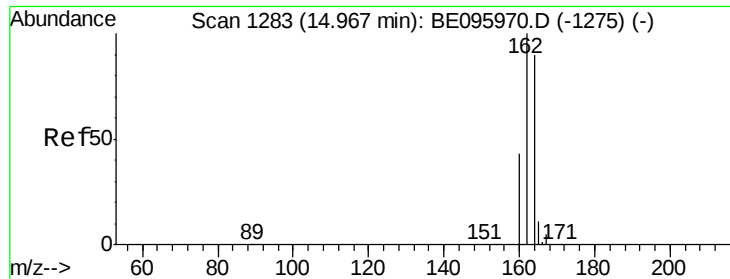
151 19.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE095970.D (-1054) (-)

Ion 151.00 (150.70 to 151.70): BE095970.D (-1054) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.94 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BE096281.D

Acq: 2 May 2018 5:36

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309I-20180426

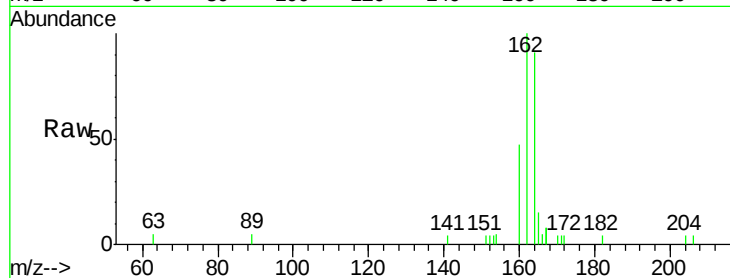
Tgt Ion:164 Resp: 1740

Ion Ratio Lower Upper

164 100

162 109.5 83.1 124.7

160 51.4 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

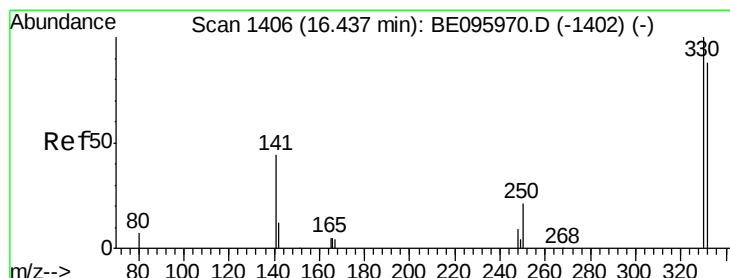
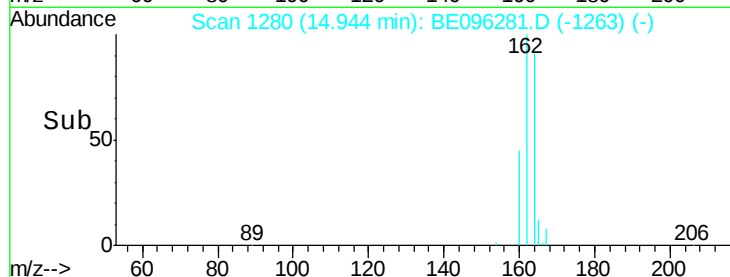
14.94

1000

500

0

Time--> 14.80 14.90 15.00 15.10



#14

2,4,6-Tribromophenol

Concen: 0.244 ng

RT: 16.41 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BE096281.D

Acq: 2 May 2018 5:36

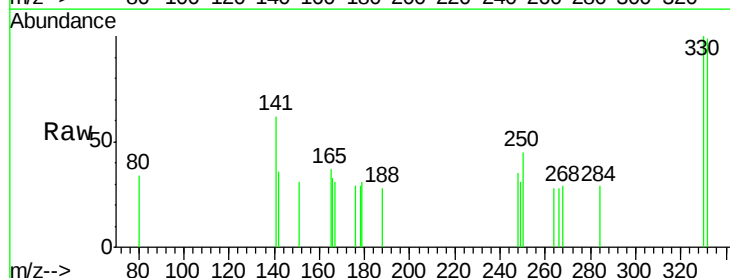
Tgt Ion:330 Resp: 205

Ion Ratio Lower Upper

330 100

332 97.1 152.7 229.1#

141 55.6 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

16.41

200

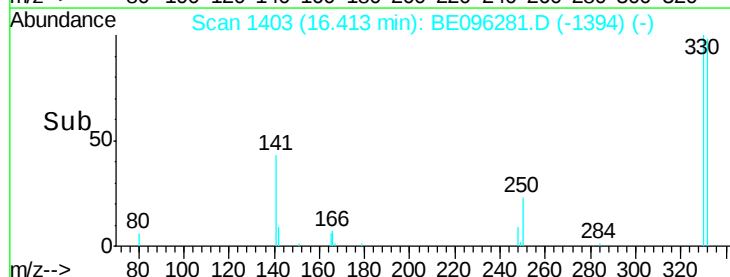
150

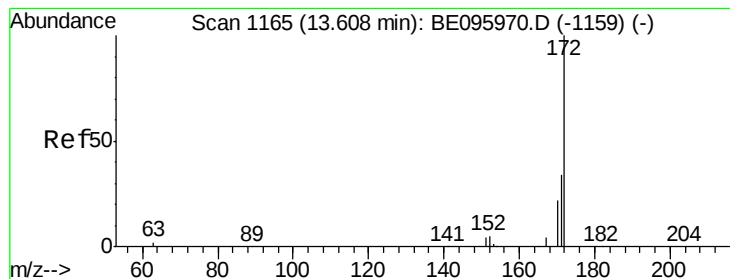
100

50

0

Time--> 16.35 16.40 16.45





#15

2-Fluorobiphenyl

Concen: 0.503 ng

RT: 13.57 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BE096281.D

Acq: 2 May 2018 5:36

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309I-20180426

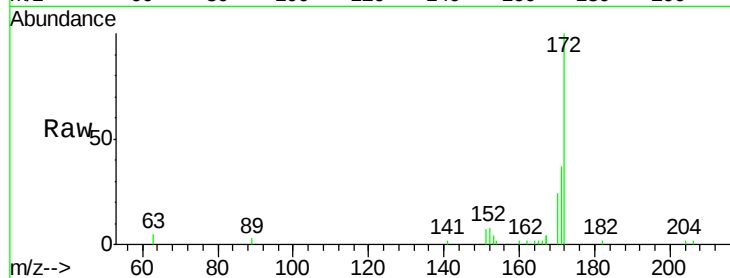
Tgt Ion:172 Resp: 3741

Ion Ratio Lower Upper

172 100

171 37.4 29.9 44.9

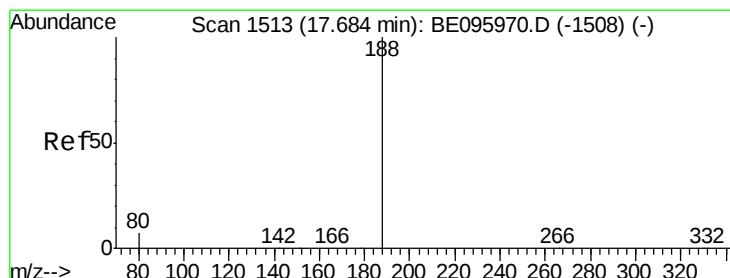
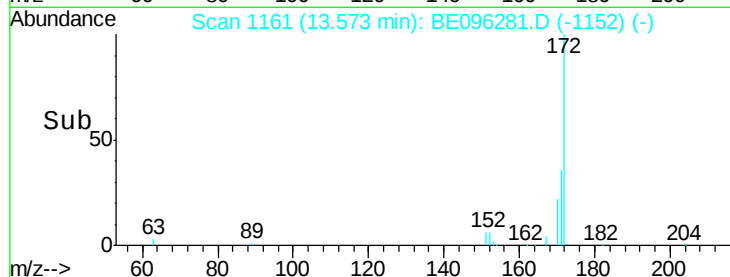
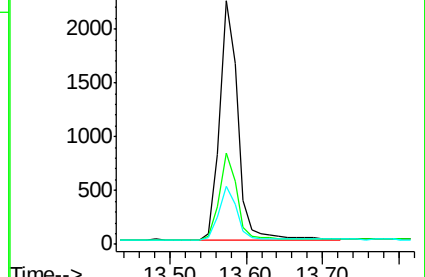
170 24.0 21.8 32.8



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# 1509

Delta R.T. -0.00 min

Lab File: BE096281.D

Acq: 2 May 2018 5:36

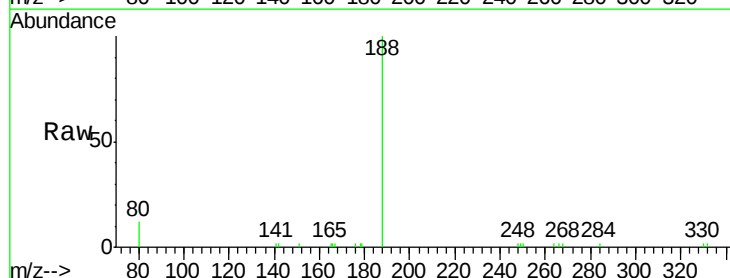
Tgt Ion:188 Resp: 3973

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

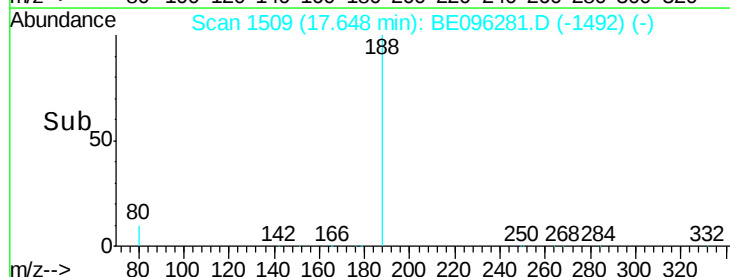
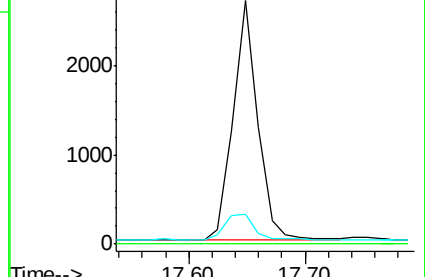
80 12.1 3.6 5.4#

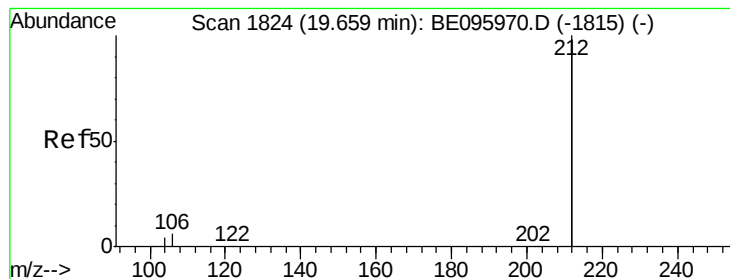


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.305 ng

RT: 19.63 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BE096281.D

Acq: 2 May 2018 5:36

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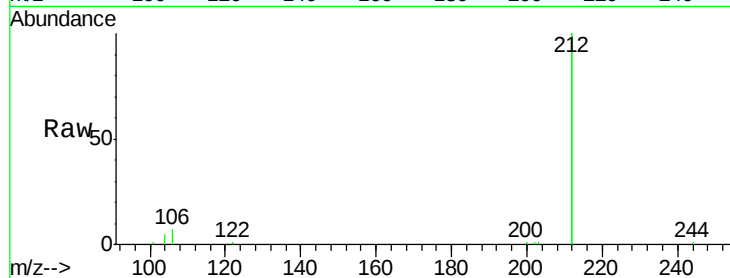
Tgt Ion:212 Resp: 16430

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

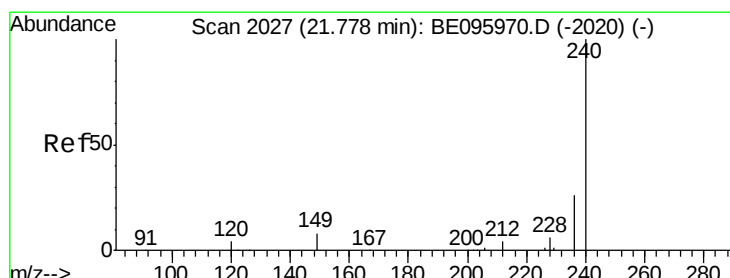
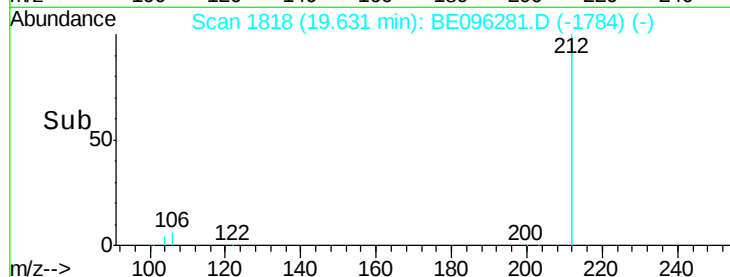
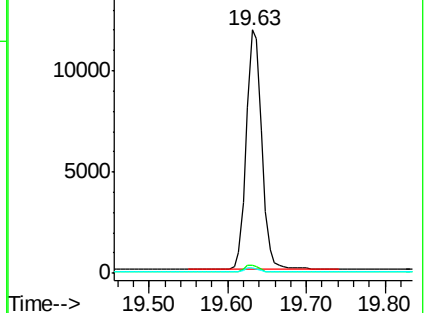
104 1.7 1.6 2.4



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: 21.74 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BE096281.D

Acq: 2 May 2018 5:36

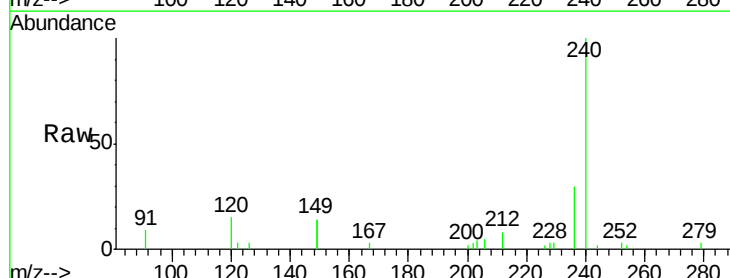
Tgt Ion:240 Resp: 4011

Ion Ratio Lower Upper

240 100

120 15.1 5.5 8.3#

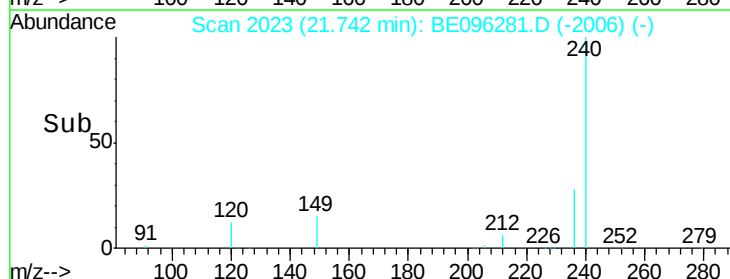
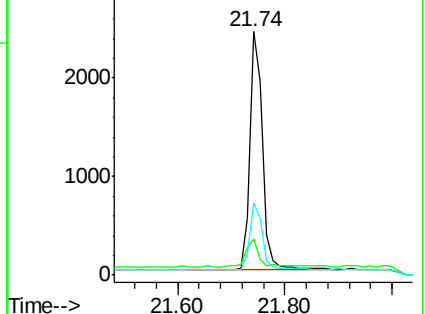
236 29.5 20.7 31.1

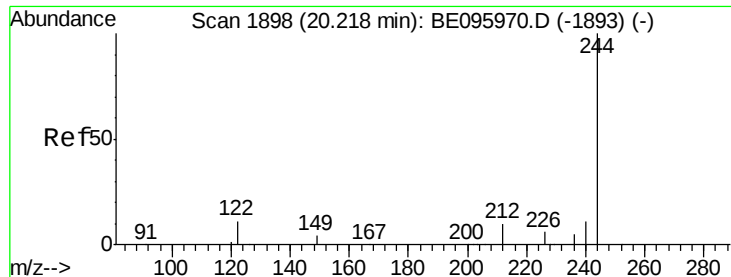


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.487 ng

RT: 20.19 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BE096281.D

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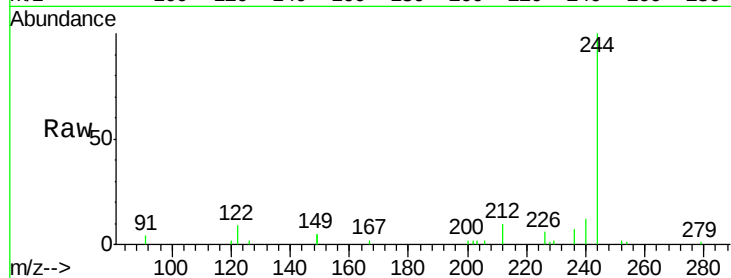
Tgt Ion:244 Resp: 4312

Ion Ratio Lower Upper

244 100

212 10.2 25.4 38.0#

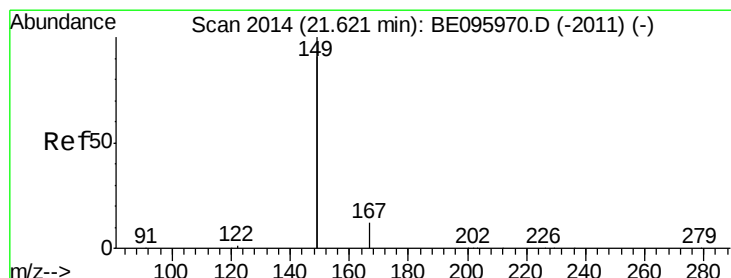
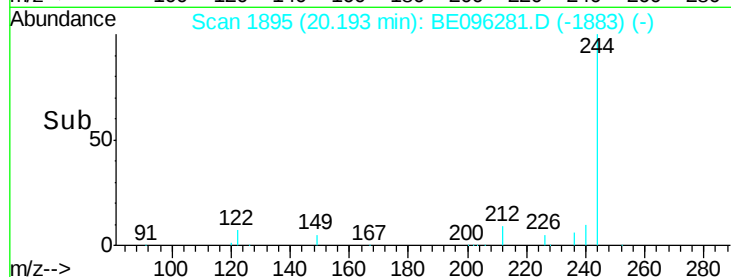
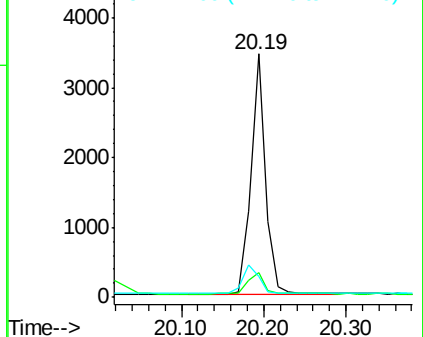
122 8.5 8.1 12.1



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: 0.055 ng

RT: 21.60 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BE096281.D

Acq: 2 May 2018 5:36

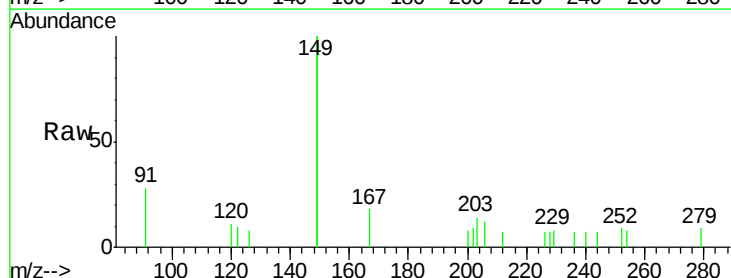
Tgt Ion:149 Resp: 1810

Ion Ratio Lower Upper

149 100

167 4.8 5.4 8.0#

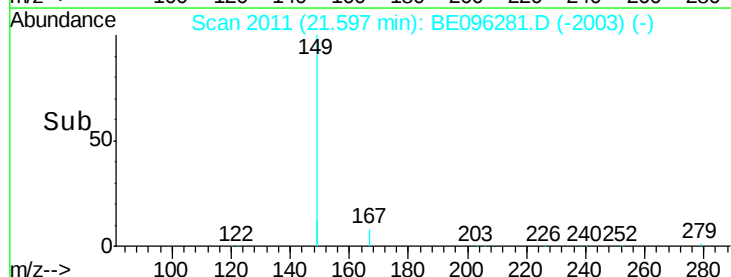
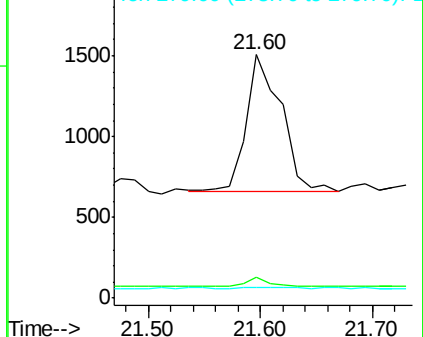
279 1.1 0.7 1.1#

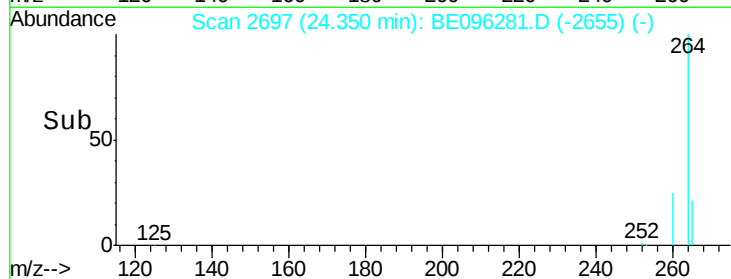
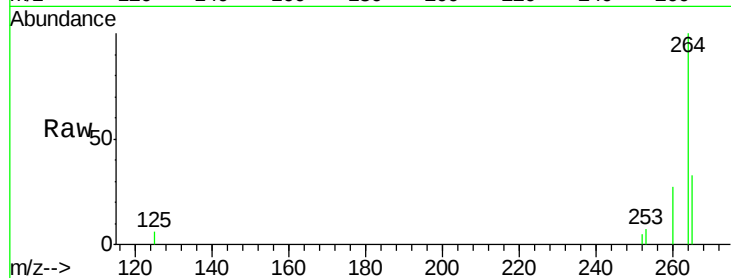
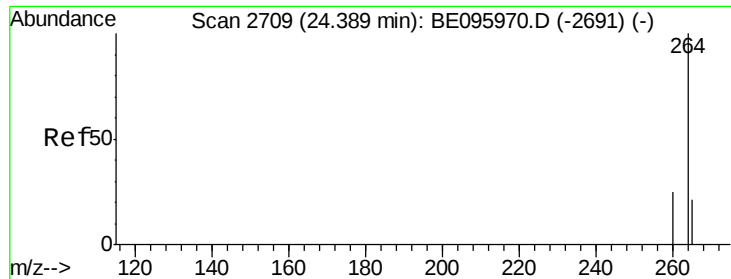


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.35 min Scan# 2697

Delta R.T. -0.00 min

Lab File: BE096281.D

Acq: 2 May 2018 5:36

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309I-20180426

Tgt Ion: 264 Resp: 3650

Ion Ratio Lower Upper

264 100

260 27.1 20.5 30.7

265 33.5 22.8 34.2

