

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041218\
 Data File : BE095986.D
 Acq On : 12 Apr 2018 11:02
 Operator : SJ/JU
 Sample : J2215-02DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RW-12I-20180328DL

Quant Time: Apr 12 17:08:08 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 12 13:55:20 2018
 Response via : Initial Calibration

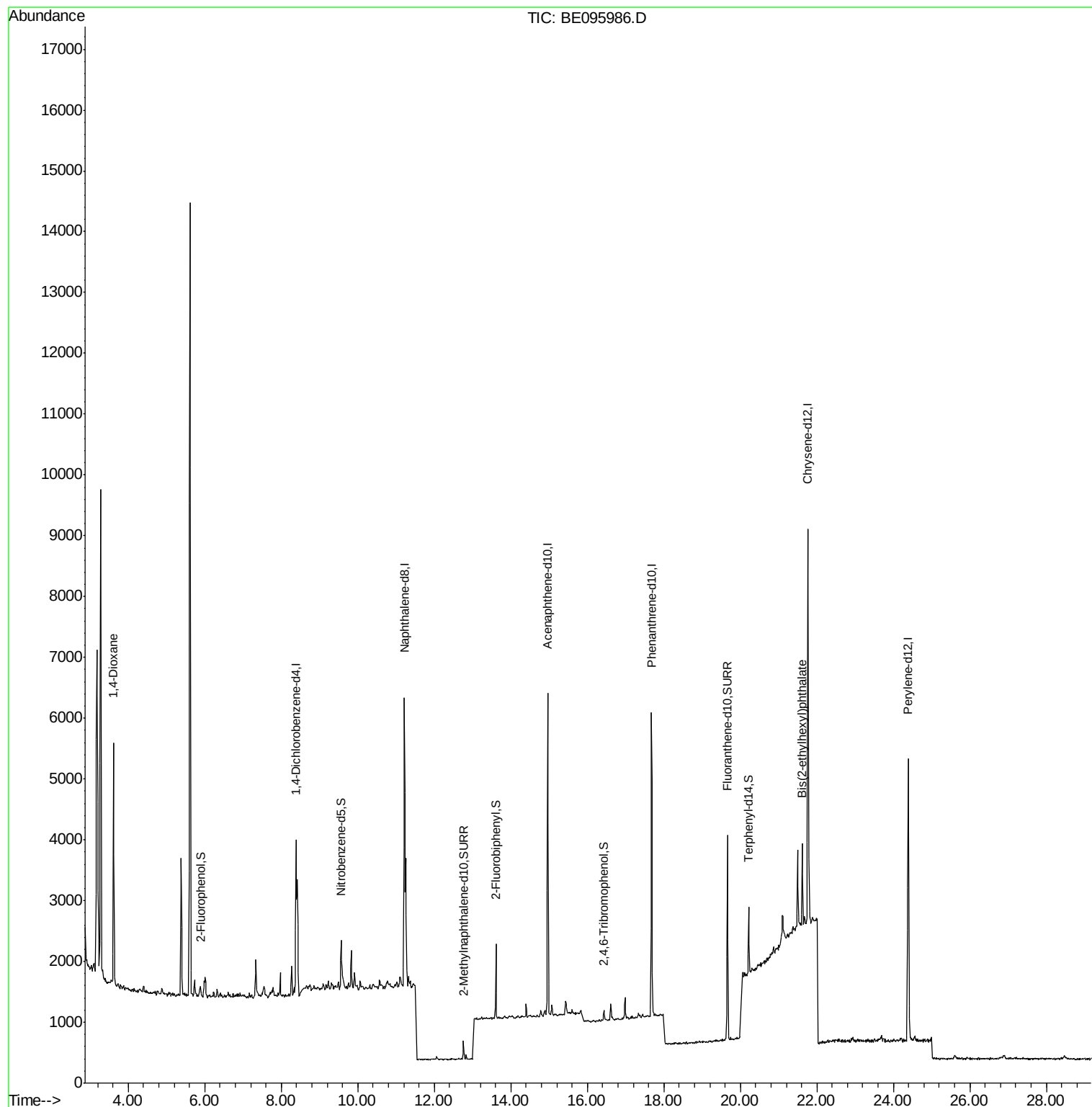
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1333	0.40	ng	0.00
7) Naphthalene-d8	11.22	136	5080	0.40	ng	0.00
13) Acenaphthene-d10	14.97	164	2867	0.40	ng	0.00
19) Phenanthrene-d10	17.67	188	6951	0.40	ng	0.00
27) Chrysene-d12	21.77	240	7460	0.40	ng	-0.01
34) Perylene-d12	24.39	264	7078	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.89	112	86	0.02	ng	0.00
5) Phenol-d6	7.53	99	72	0.01	ng	0.00
8) Nitrobenzene-d5	9.57	82	332	0.06	ng	0.00
11) 2-Methylnaphthalene-d10	12.76	152	371	0.05	ng	0.00
14) 2,4,6-Tribromophenol	16.44	330	90	0.07	ng	0.00
15) 2-Fluorobiphenyl	13.61	172	1065	0.09	ng	0.00
25) Fluoranthene-d10	19.66	212	4379	0.05	ng	0.00
29) Terphenyl-d14	20.22	244	989	0.06	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.62	88	2468	1.199	ng	# 89
32) Bis(2-ethylhexyl)phthalate	21.62	149	1718	0.028	ng	# 95

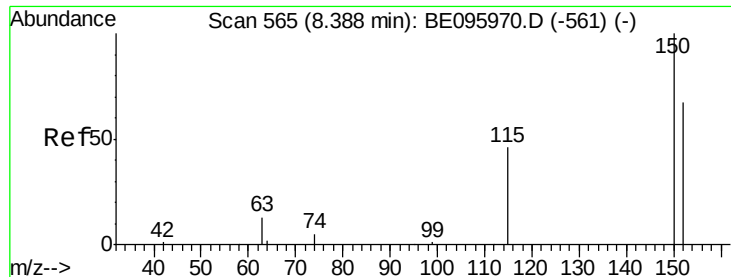
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.39 min Scan# 565

Delta R.T. -0.00 min

Lab File: BE095986.D

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ClientSampleId :

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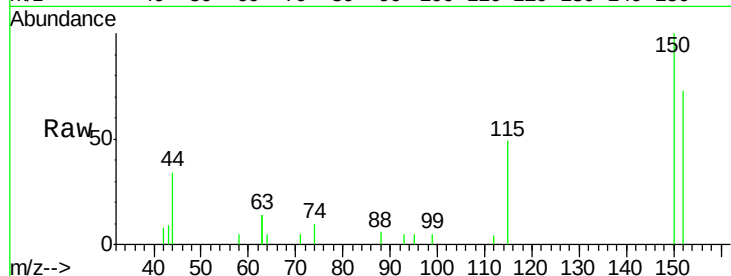
Tgt Ion:152 Resp: 1333

Ion Ratio Lower Upper

152 100

150 137.5 117.2 175.8

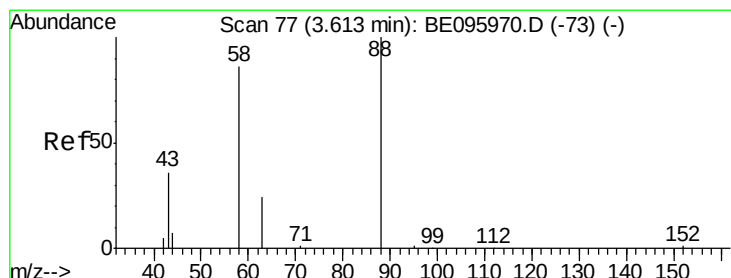
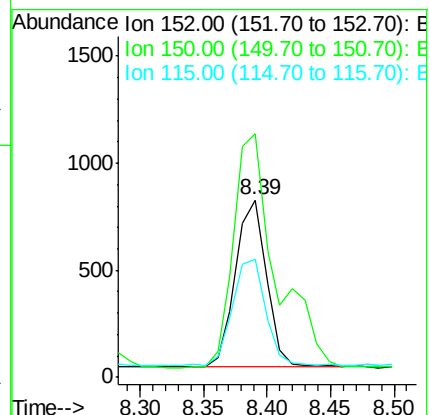
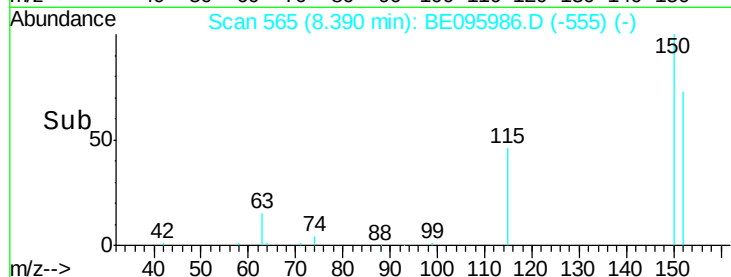
115 66.7 57.0 85.6



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: 1.199 ng

RT: 3.62 min Scan# 77

Delta R.T. -0.00 min

Lab File: BE095986.D

Acq: 12 Apr 2018 11:02

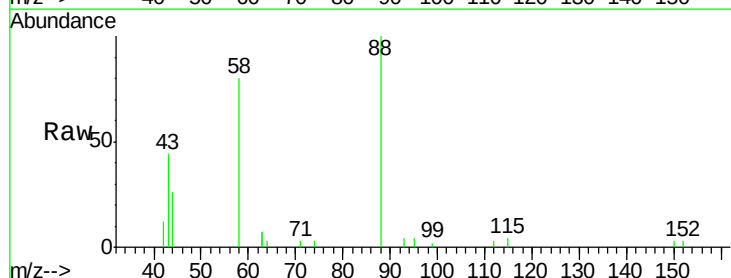
Tgt Ion: 88 Resp: 2468

Ion Ratio Lower Upper

88 100

58 85.6 63.2 94.8

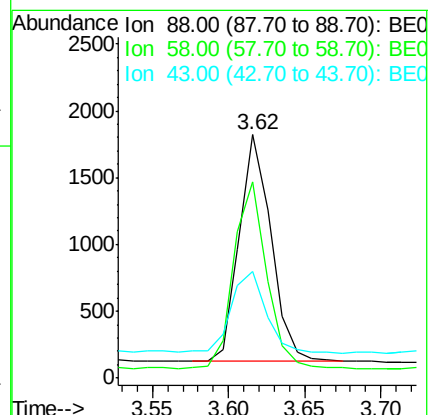
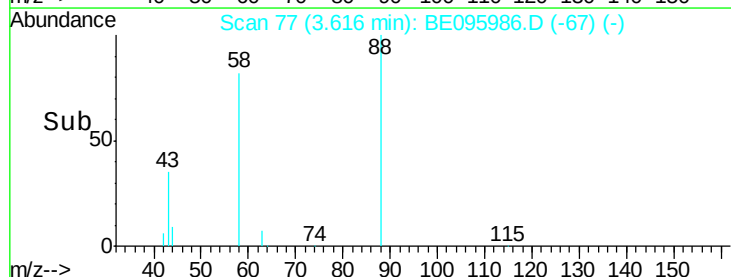
43 40.4 41.2 61.8#

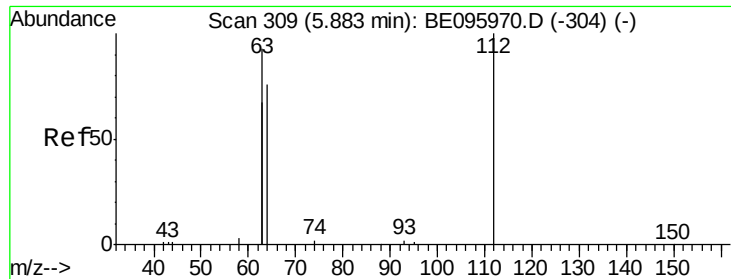


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.021 ng

RT: 5.89 min Scan# 309

Delta R.T. -0.00 min

Lab File: BE095986.D

Acq: 12 Apr 2018 11:02

Instrument :

BNA_E

ClientSampleId :

RW-12I-20180328DL

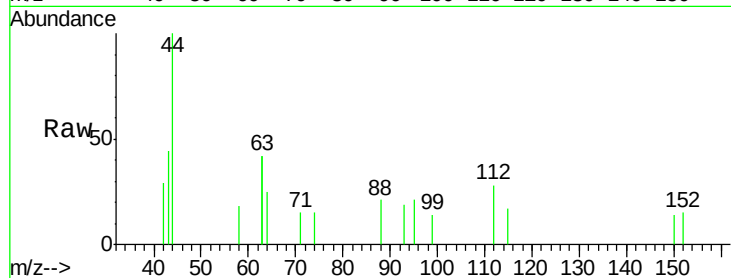
Tgt Ion: 112 Resp: 86

Ion Ratio Lower Upper

112 100

64 87.2 60.1 90.1

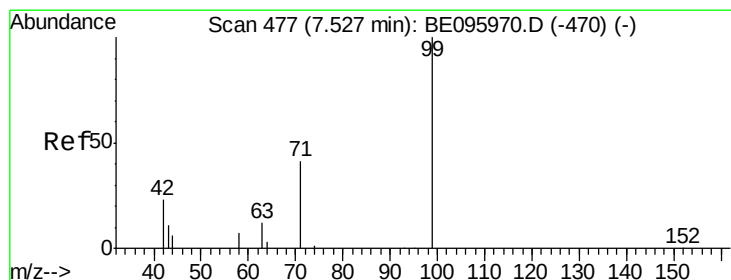
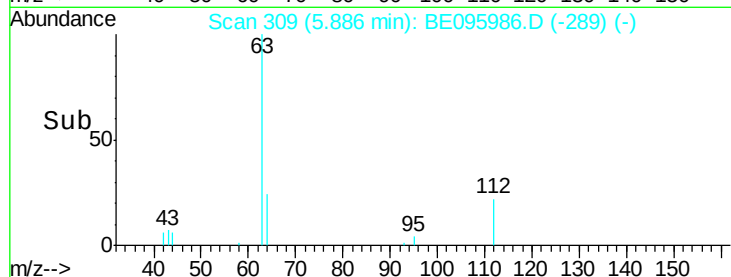
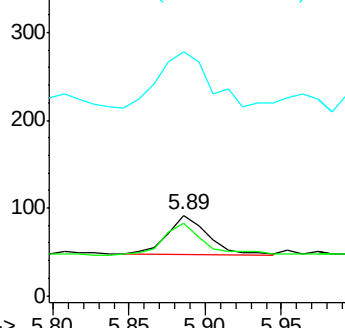
63 181.4 116.8 175.2#



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: 0.013 ng

RT: 7.53 min Scan# 477

Delta R.T. -0.00 min

Lab File: BE095986.D

Acq: 12 Apr 2018 11:02

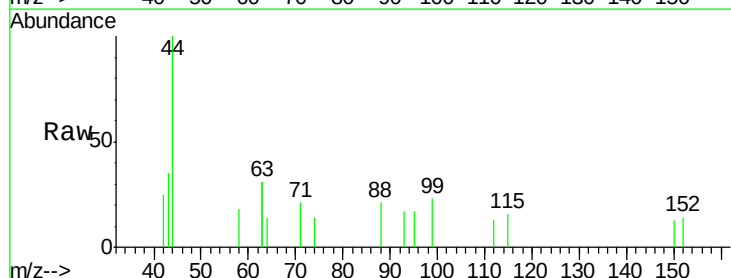
Tgt Ion: 99 Resp: 72

Ion Ratio Lower Upper

99 100

42 56.9 20.2 30.2#

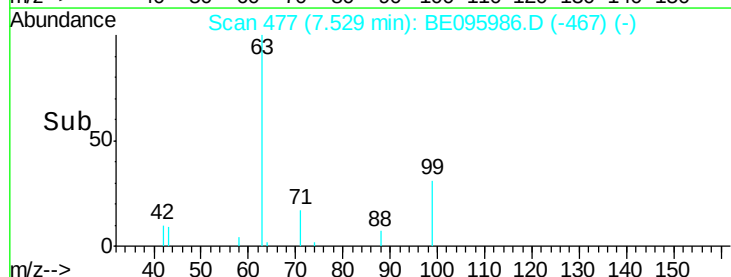
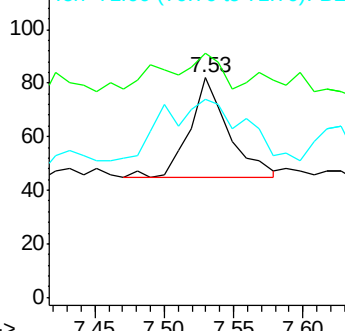
71 125.0 28.4 42.6#

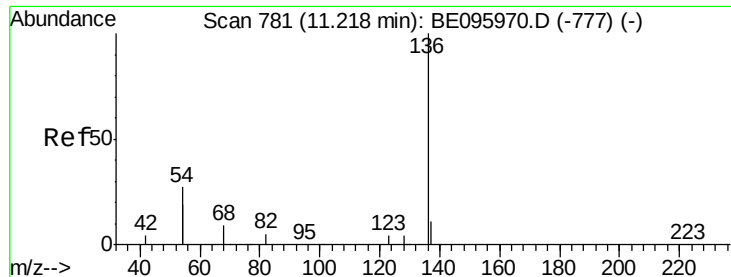


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 11.22 min Scan# 781

Delta R.T. -0.00 min

Lab File: BE095986.D

Acq: 12 Apr 2018 11:02

Instrument :

BNA_E

ClientSampleId :

RW-12I-20180328DL

Tgt Ion: 136 Resp: 5080

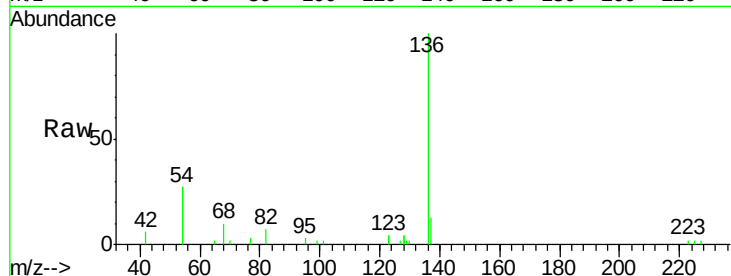
Ion Ratio Lower Upper

136 100

137 13.4 9.5 14.3

54 53.9 29.1 43.7#

68 9.9 6.2 9.2#

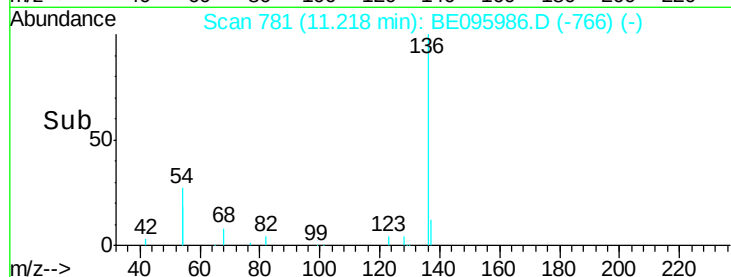


Abundance Ion 136.00 (135.70 to 136.70): E

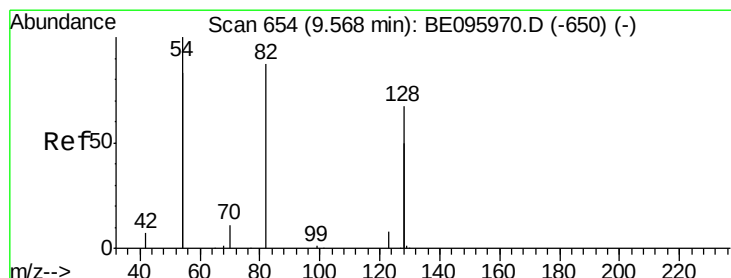
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 11.10 11.20 11.30 11.40



#8

Nitrobenzene-d5

Concen: 0.056 ng

RT: 9.57 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE095986.D

Acq: 12 Apr 2018 11:02

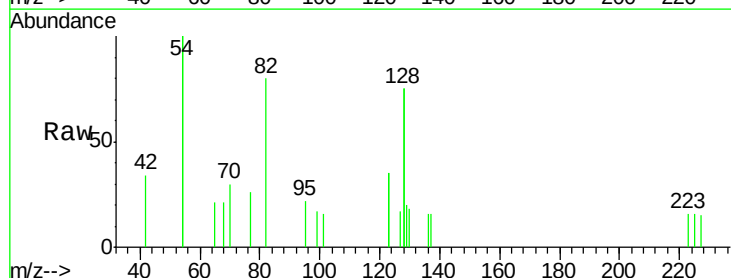
Tgt Ion: 82 Resp: 332

Ion Ratio Lower Upper

82 100

128 187.8 150.0 225.0

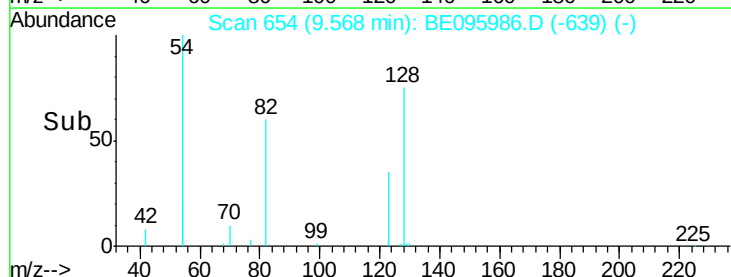
54 249.8 154.2 231.4#



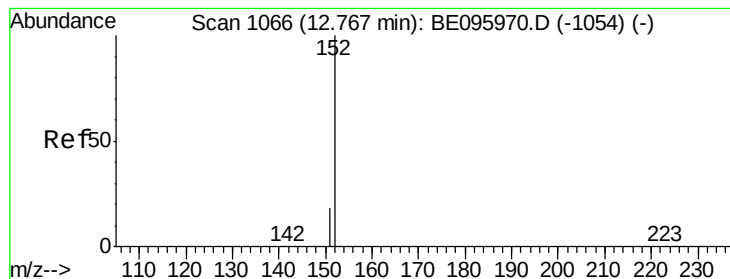
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time--> 9.50 9.60 9.70



#11

2-Methylnaphthalene-d10

Concen: 0.046 ng

RT: 12.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE095986.D

Acq: 12 Apr 2018 11:02

Instrument :

BNA_E

ClientSampleId :

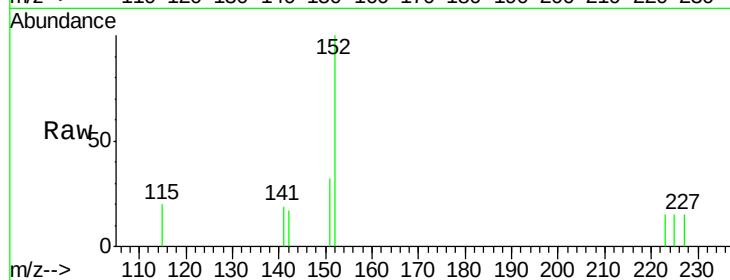
RW-12I-20180328DL

Tgt Ion:152 Resp: 371

Ion Ratio Lower Upper

152 100

151 22.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.76

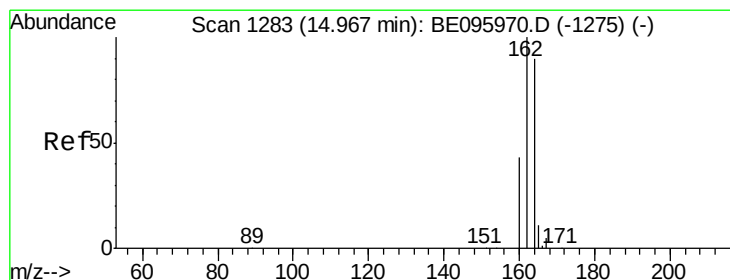
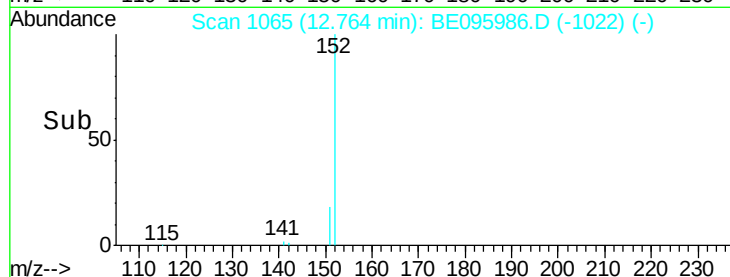
300

200

100

0

Time--> 12.70 12.75 12.80



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.97 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BE095986.D

Acq: 12 Apr 2018 11:02

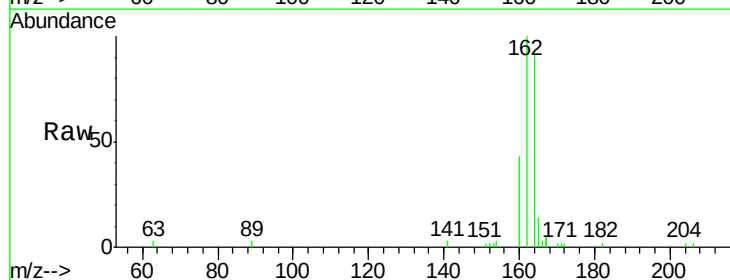
Tgt Ion:164 Resp: 2867

Ion Ratio Lower Upper

164 100

162 108.4 83.1 124.7

160 46.2 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

14.97

3000

2500

2000

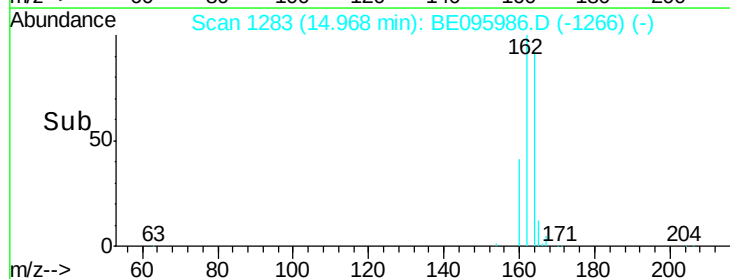
1500

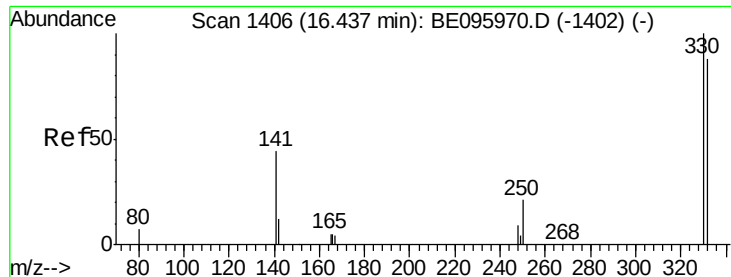
1000

500

0

Time--> 14.90 15.00





#14

2,4,6-Tribromophenol

Concen: 0.065 ng

RT: 16.44 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BE095986.D

Acq: 12 Apr 2018 11:02

Instrument :

BNA_E

ClientSampleId :

RW-12I-20180328DL

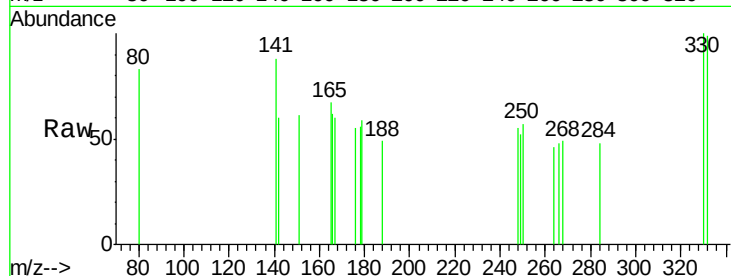
Tgt Ion:330 Resp: 90

Ion Ratio Lower Upper

330 100

332 93.3 152.7 229.1#

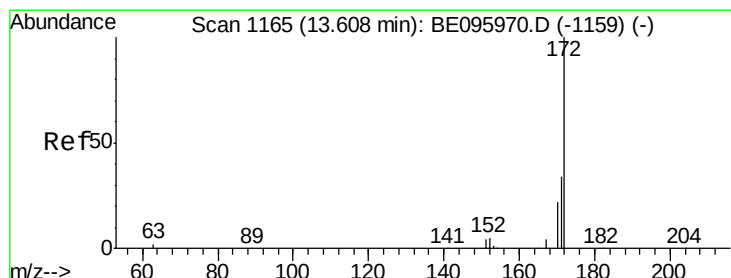
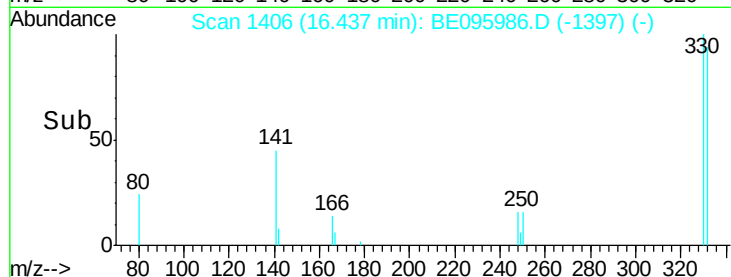
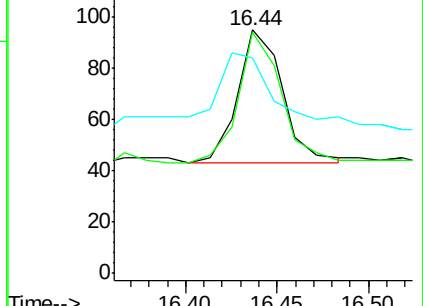
141 61.1 33.7 50.5#



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: 0.087 ng

RT: 13.61 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BE095986.D

Acq: 12 Apr 2018 11:02

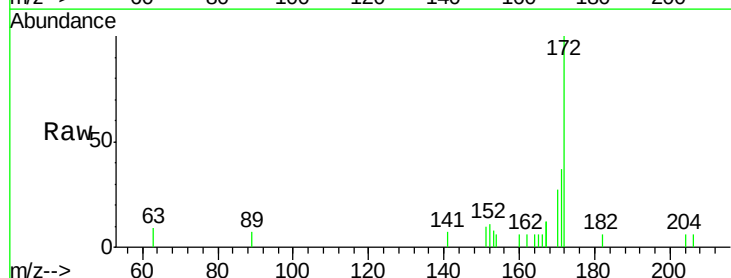
Tgt Ion:172 Resp: 1065

Ion Ratio Lower Upper

172 100

171 37.2 29.9 44.9

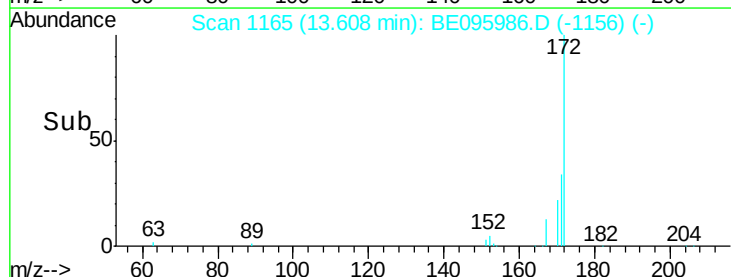
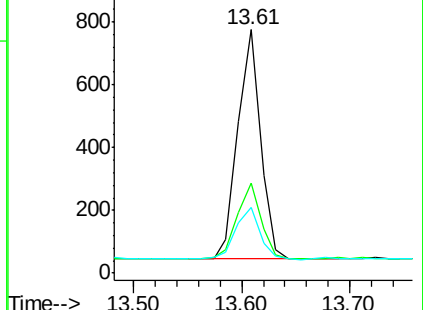
170 27.1 21.8 32.8

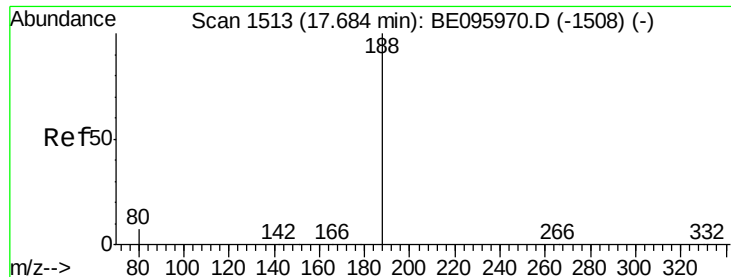


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.67 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BE095986.D

Acq: 12 Apr 2018 11:02

Instrument :

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ClientSampleId :

RW-12I-20180328DL

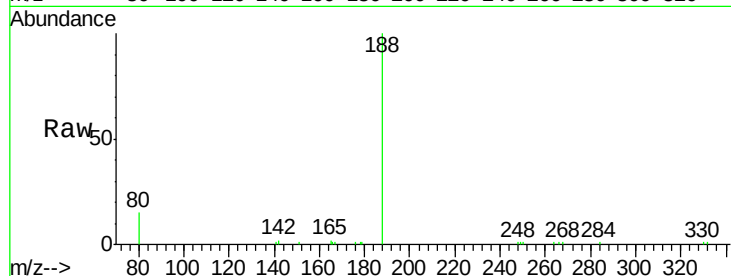
Tgt Ion:188 Resp: 6951

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

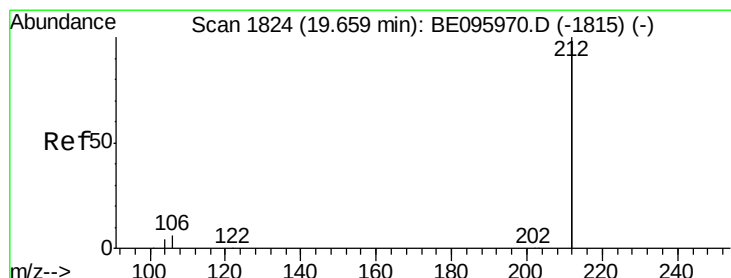
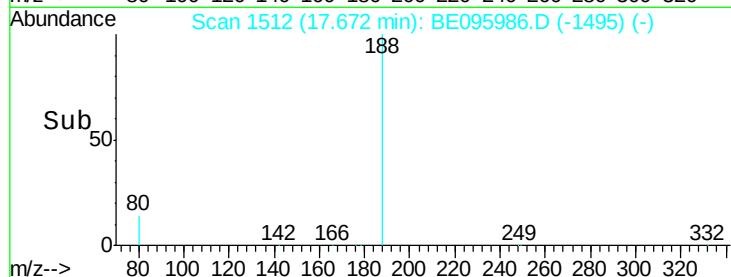
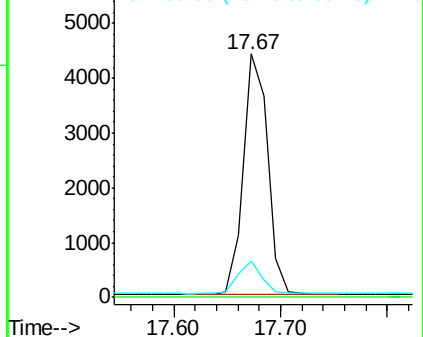
80 15.0 3.6 5.4#



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: 0.046 ng

RT: 19.66 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BE095986.D

Acq: 12 Apr 2018 11:02

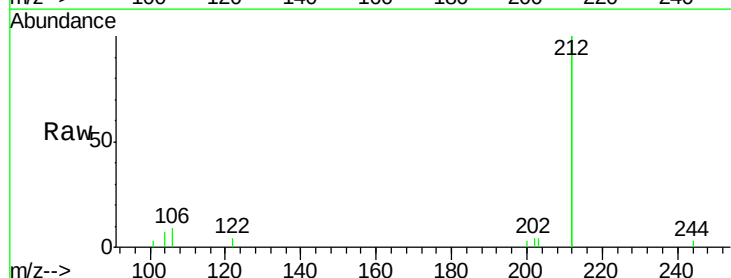
Tgt Ion:212 Resp: 4379

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

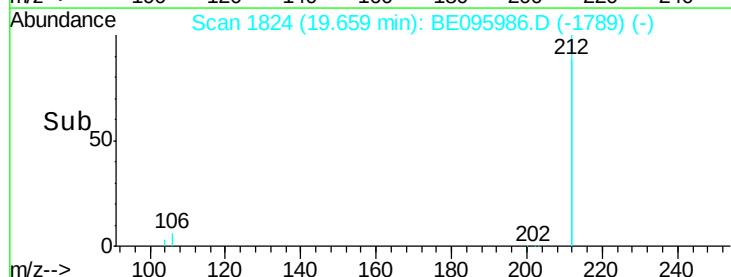
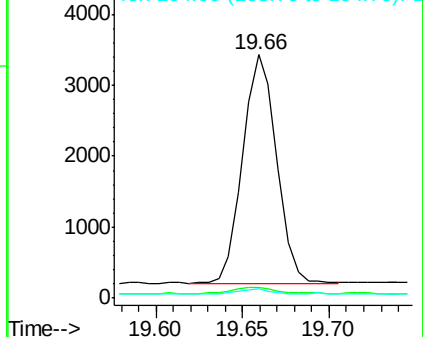
104 1.9 1.6 2.4

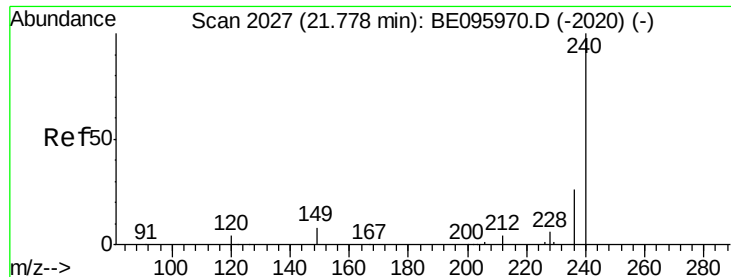


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.77 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BE095986.D

Acq: 12 Apr 2018 11:02

Instrument :

BNA_E

ClientSampleId :

RW-12I-20180328DL

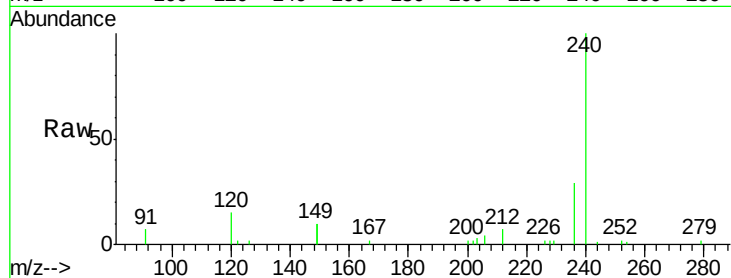
Tgt Ion:240 Resp: 7460

Ion Ratio Lower Upper

240 100

120 15.3 5.5 8.3#

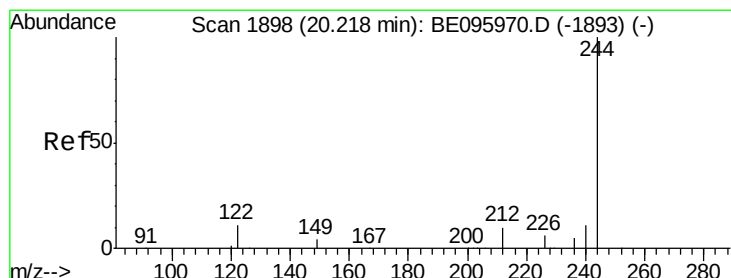
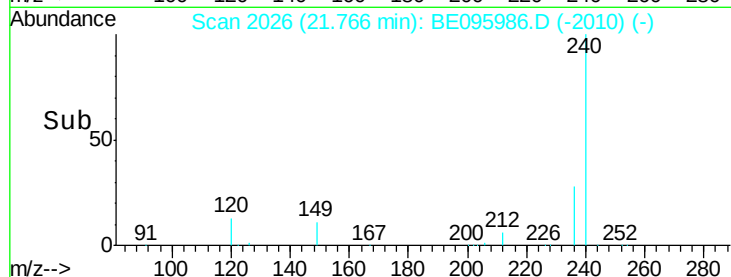
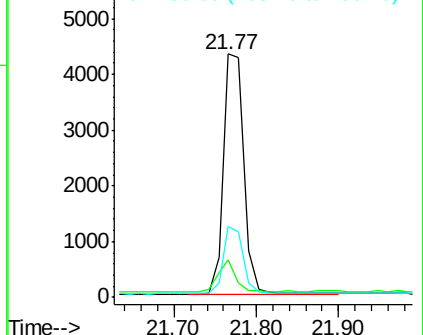
236 29.2 20.7 31.1



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: 0.060 ng

RT: 20.22 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BE095986.D

Acq: 12 Apr 2018 11:02

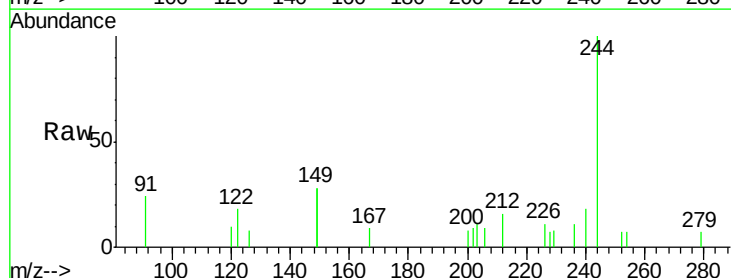
Tgt Ion:244 Resp: 989

Ion Ratio Lower Upper

244 100

212 15.6 25.4 38.0#

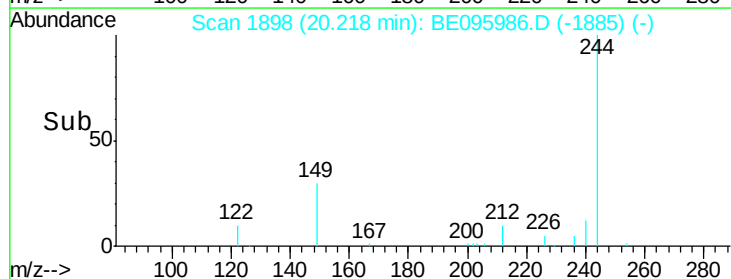
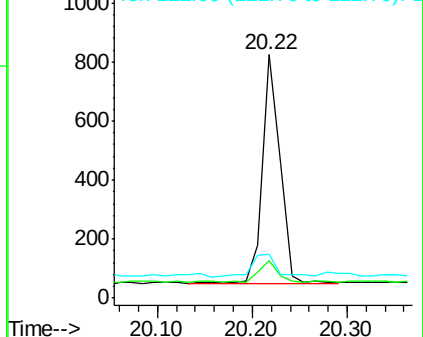
122 18.1 8.1 12.1#

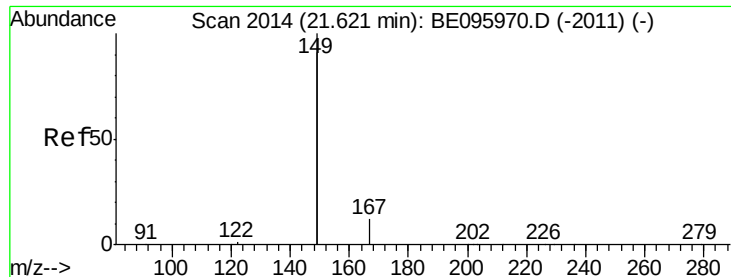


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.028 ng

RT: 21.62 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095986.D

Acq: 12 Apr 2018 11:02

Instrument :

BNA_E

ClientSampleId :

RW-12I-20180328DL

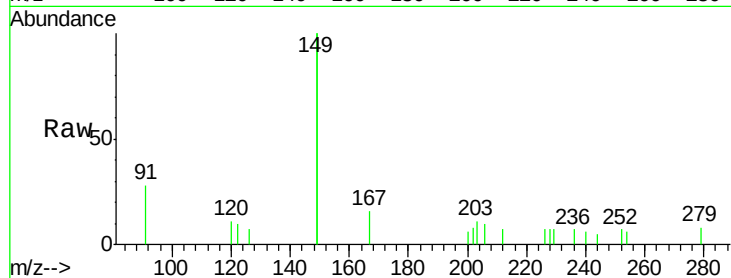
Tgt Ion:149 Resp: 1718

Ion Ratio Lower Upper

149 100

167 8.6 5.4 8.0#

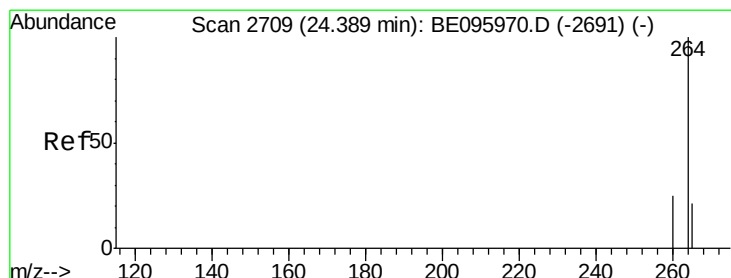
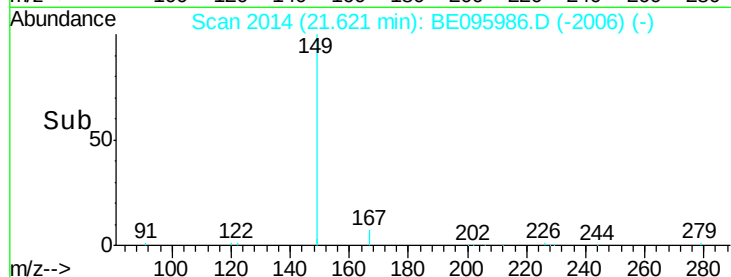
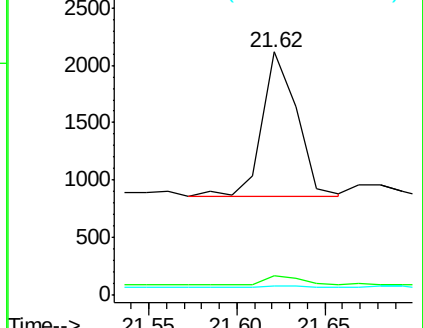
279 1.5 0.7 1.1#



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: 24.39 min Scan# 2708

Delta R.T. -0.00 min

Lab File: BE095986.D

Acq: 12 Apr 2018 11:02

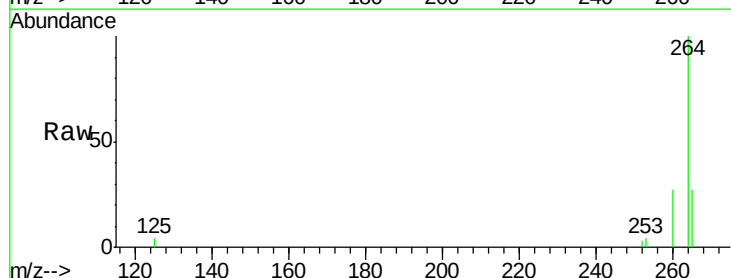
Tgt Ion:264 Resp: 7078

Ion Ratio Lower Upper

264 100

260 26.9 20.5 30.7

265 27.4 22.8 34.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

