

Data File : BE092914.D
Acq On : 27 Apr 2017 14:49
Operator : SJ/MA
Sample : PB98517BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB98517BL

Quant Time: Apr 28 04:04:49 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 20 17:35:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	797	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	3148	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1263	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	2905	0.40	ng	0.00
26) Chrysene-d12	21.28	240	2479	0.40	ng	0.00
33) Perylene-d12	23.69	264	2149	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	537	0.31	ng	0.00
5) Phenol-d6	6.94	99	714	0.30	ng	0.00
8) Nitrobenzene-d5	8.90	82	534	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1478	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	48	0.23	ng	0.01
15) 2-Fluorobiphenyl	13.01	172	1773	0.31	ng	0.00
24) Fluoranthene-d10	19.15	212	2179	0.31	ng	0.00
28) Terphenyl-d14	19.73	244	1402	0.33	ng	0.00

Target Compounds						Qvalue
21) Pentachlorophenol	16.81	266	1	0.14	ng	96

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

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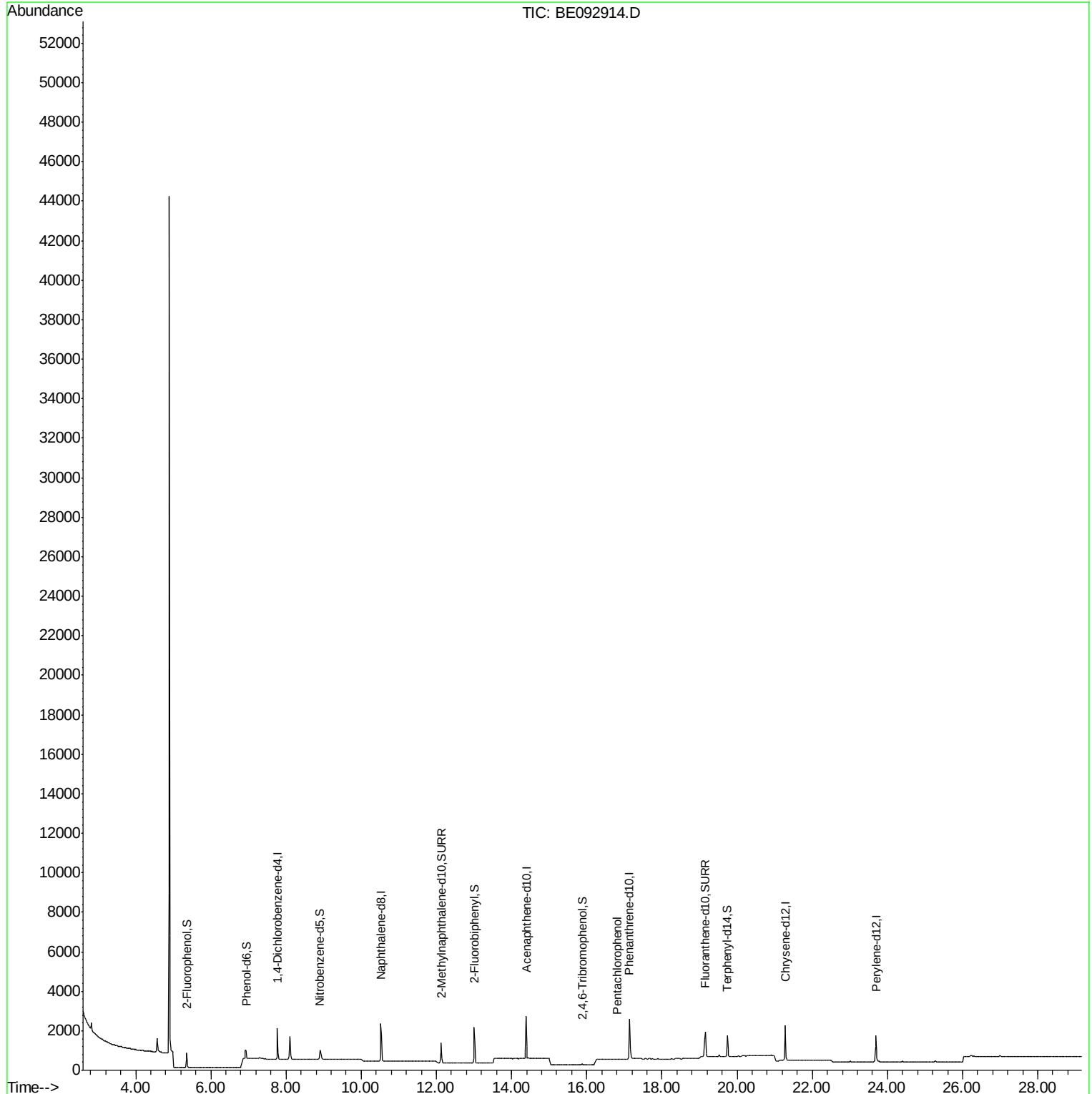
Quant Time: Apr 28 04:04:49 2017

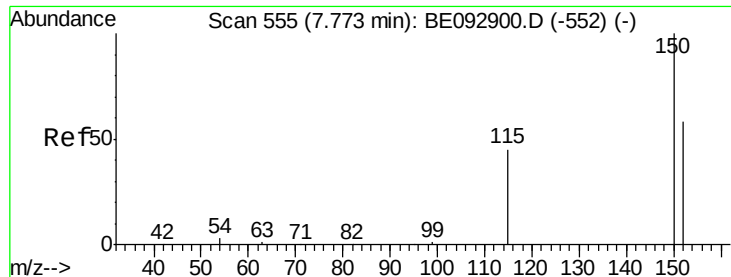
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Apr 20 17:35:10 2017

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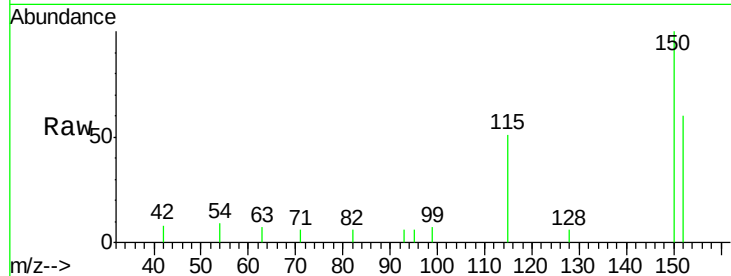


#1

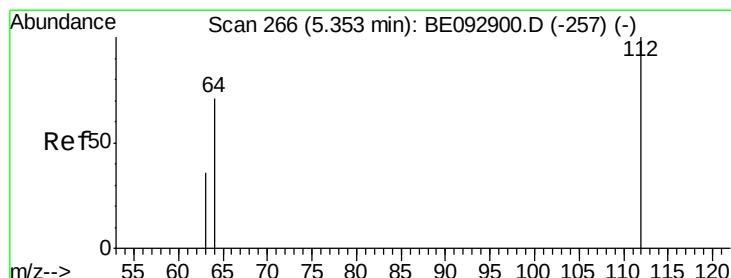
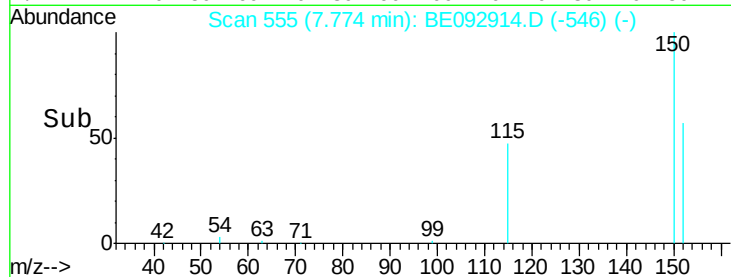
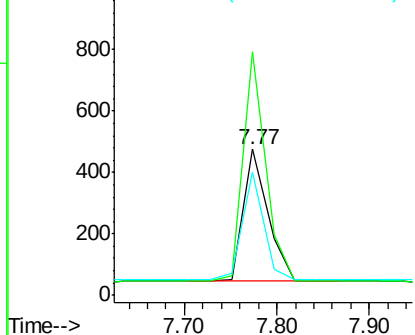
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE092914.D
Acq: 27 Apr 2017 14:49

Instrument :
BNA_E
ClientSampleId :
PB98517BL

Tgt Ion:152 Resp: 797
Ion Ratio Lower Upper
152 100
150 166.9 129.9 194.9
115 84.4 62.6 93.8



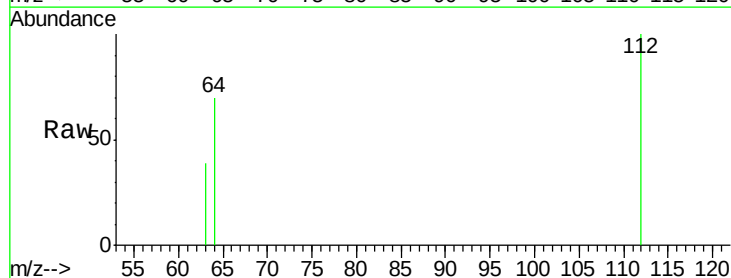
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



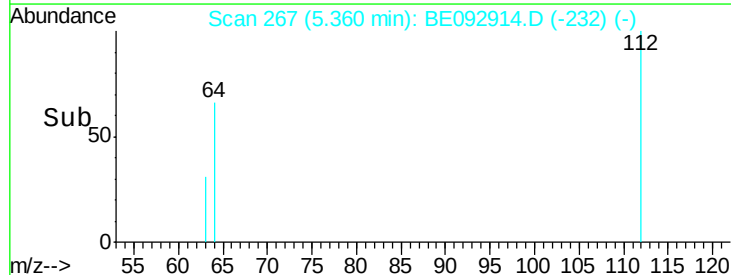
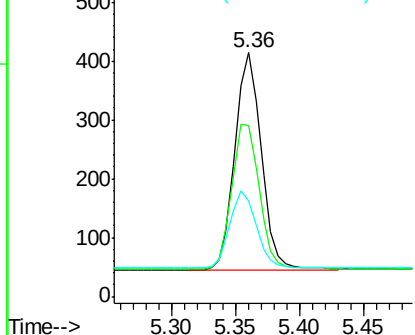
#4

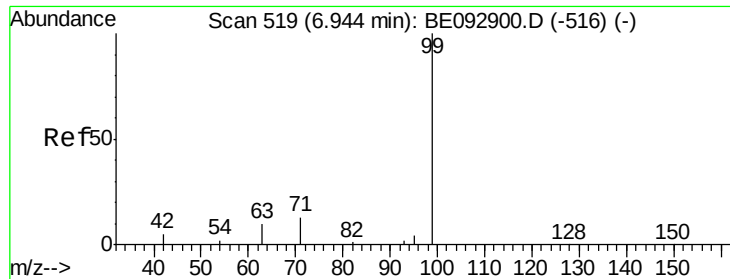
2-Fluorophenol
Concen: 0.31 ng
RT: 5.36 min Scan# 267
Delta R.T. 0.01 min
Lab File: BE092914.D
Acq: 27 Apr 2017 14:49

Tgt Ion:112 Resp: 537
Ion Ratio Lower Upper
112 100
64 68.9 52.6 79.0
63 35.2 29.0 43.4



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: 0.30 ng

RT: 6.94 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092914.D

Acq: 27 Apr 2017 14:49

Instrument :

BNA_E

ClientSampleId :

PB98517BL

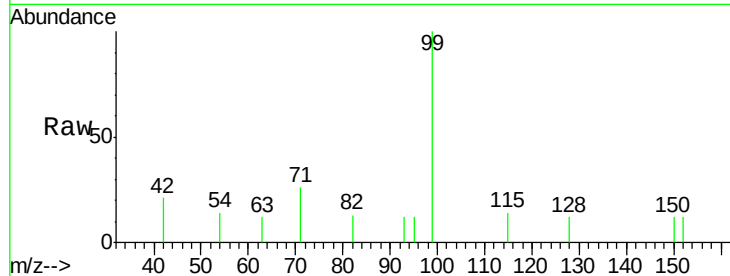
Tgt Ion: 99 Resp: 714

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

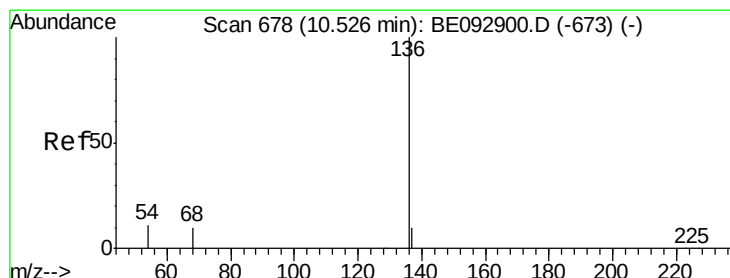
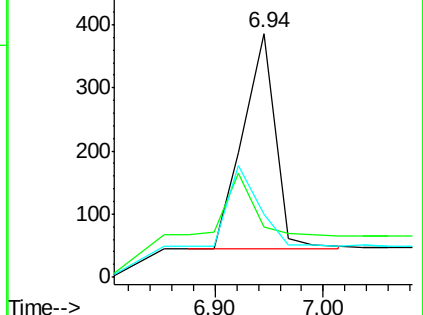
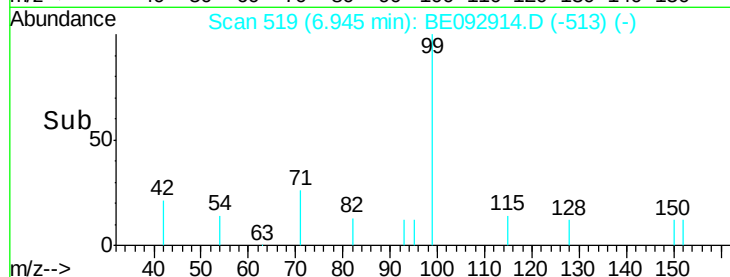
71 0.0 0.0 0.0



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: 0.40 ng

RT: 10.52 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE092914.D

Acq: 27 Apr 2017 14:49

Tgt Ion: 136 Resp: 3148

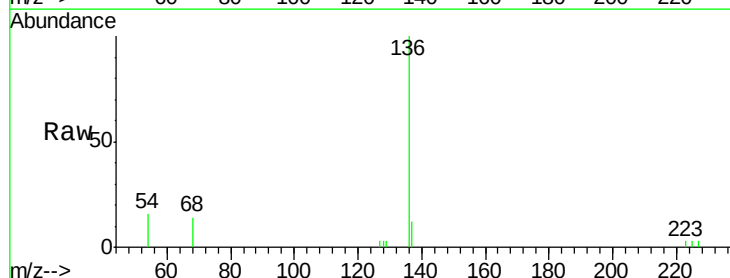
Ion Ratio Lower Upper

136 100

137 12.3 10.4 15.6

54 16.3 12.6 18.8

68 14.0 10.7 16.1

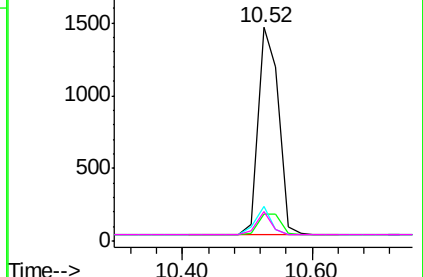
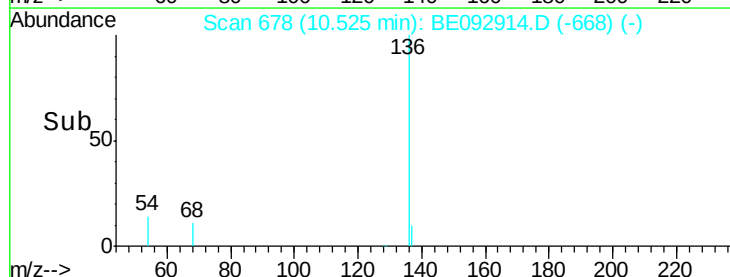


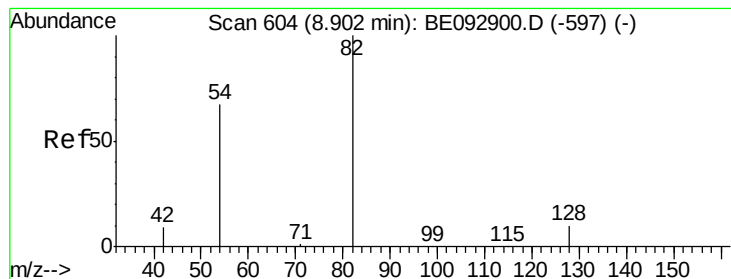
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.25 ng

RT: 8.90 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE092914.D

Acq: 27 Apr 2017 14:49

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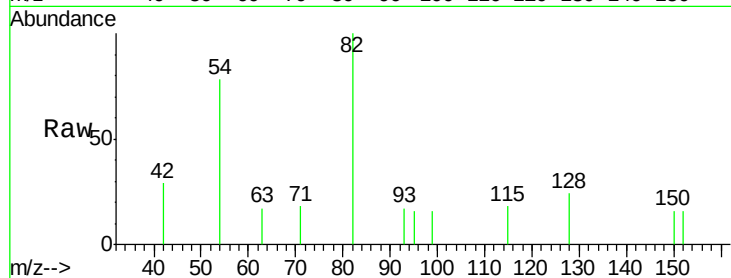
Tgt Ion: 82 Resp: 534

Ion Ratio Lower Upper

82 100

128 24.3 35.3 52.9#

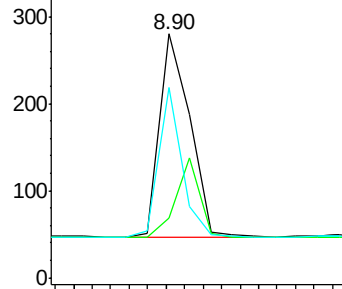
54 77.9 65.1 97.7



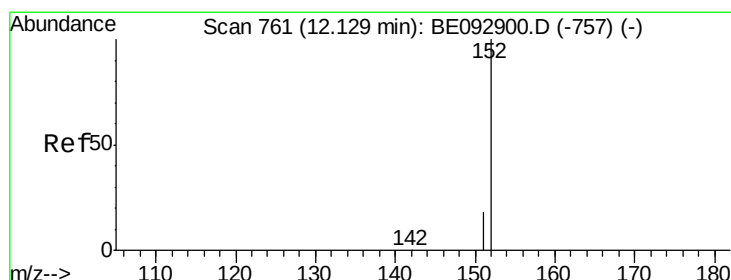
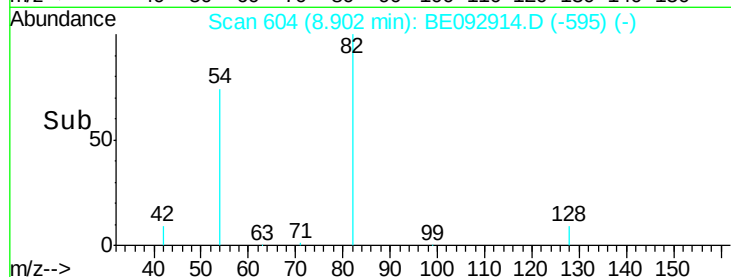
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.32 ng

RT: 12.13 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE092914.D

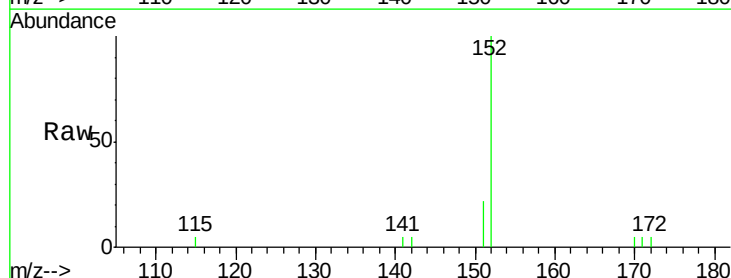
Acq: 27 Apr 2017 14:49

Tgt Ion: 152 Resp: 1478

Ion Ratio Lower Upper

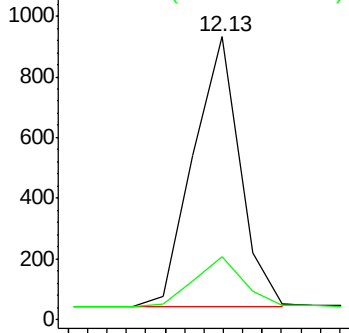
152 100

151 19.0 15.7 23.5

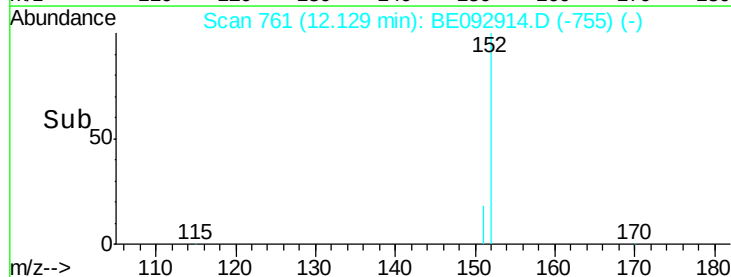


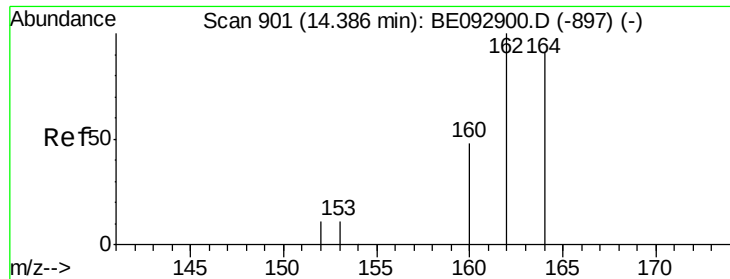
Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0



Time-->





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE092914.D

Acq: 27 Apr 2017 14:49

Instrument :

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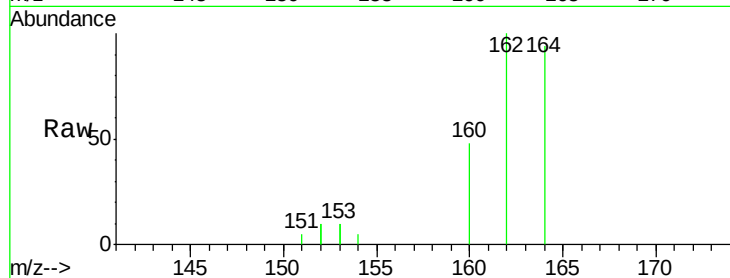
Tgt Ion:164 Resp: 1263

Ion Ratio Lower Upper

164 100

162 106.5 86.6 130.0

160 51.5 44.5 66.7



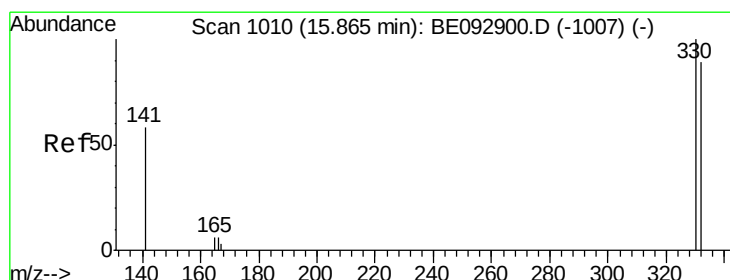
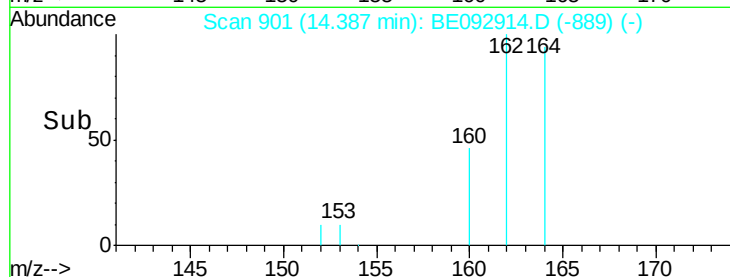
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.39

Time-->



#14

2,4,6-Tribromophenol

Concen: 0.23 ng

RT: 15.88 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BE092914.D

Acq: 27 Apr 2017 14:49

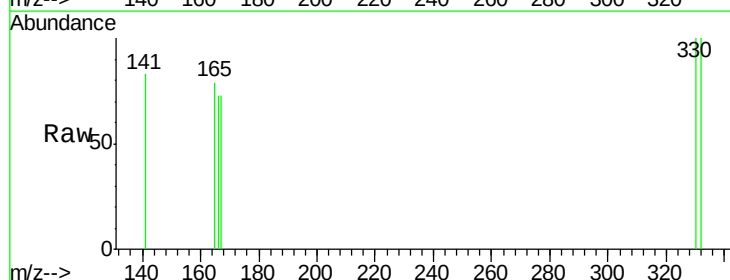
Tgt Ion:330 Resp: 48

Ion Ratio Lower Upper

330 100

332 87.5 69.1 103.7

141 52.1 54.6 81.8#



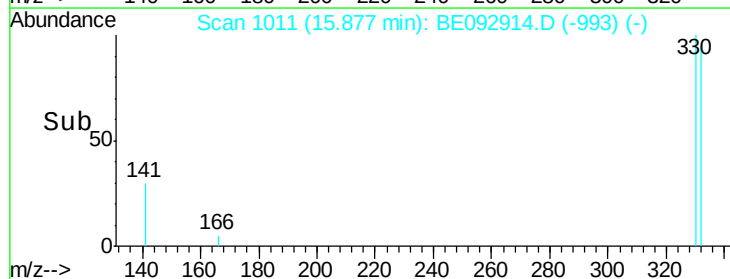
Abundance Ion 329.80 (329.50 to 330.50): E

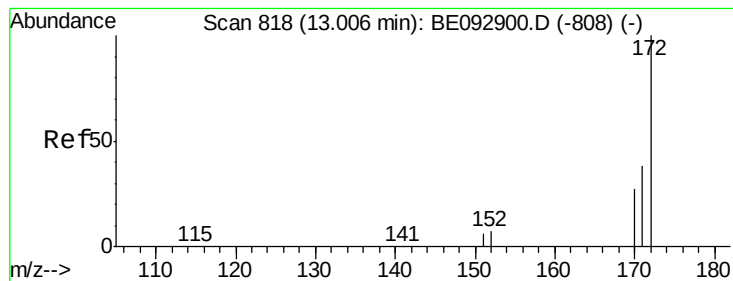
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

15.88

Time-->





#15

2-Fluorobiphenyl

Concen: 0.31 ng

RT: 13.01 min Scan# 818

Delta R.T. 0.00 min

Lab File: BE092914.D

Acq: 27 Apr 2017 14:49

Instrument :

BNA_E

ClientSampleId :

PB98517BL

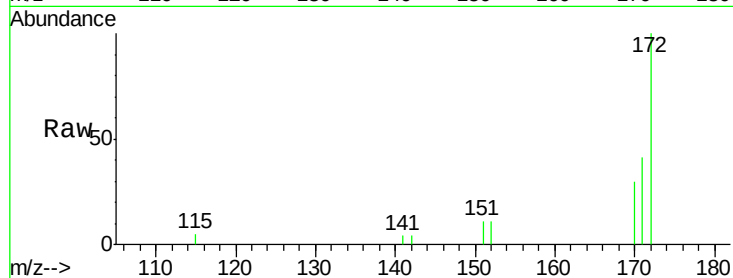
Tgt Ion:172 Resp: 1773

Ion Ratio Lower Upper

172 100

171 41.1 35.8 53.6

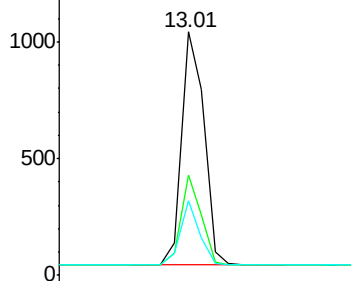
170 30.5 28.5 42.7



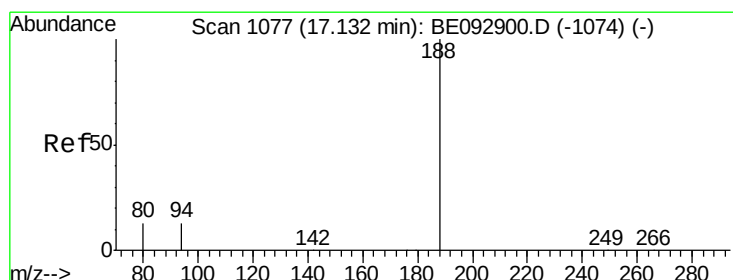
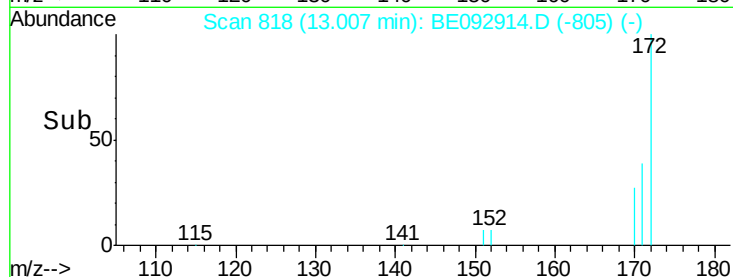
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->



#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1077

Delta R.T. 0.00 min

Lab File: BE092914.D

Acq: 27 Apr 2017 14:49

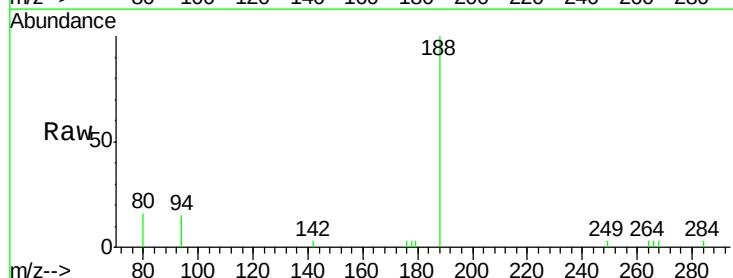
Tgt Ion:188 Resp: 2905

Ion Ratio Lower Upper

188 100

94 15.3 10.2 15.4

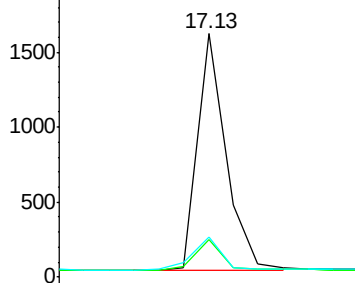
80 16.4 10.6 15.8#



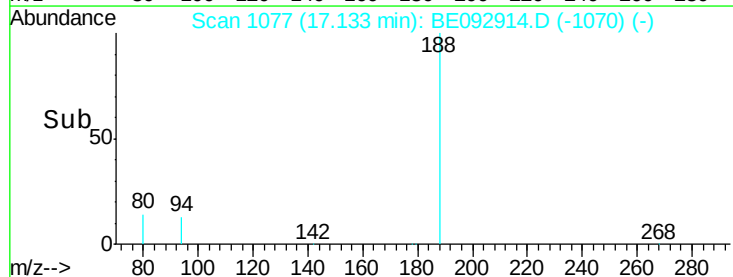
Abundance Ion 188.00 (187.70 to 188.70): E

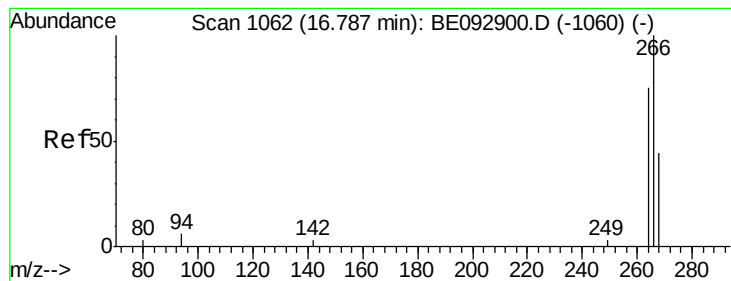
Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time-->





#21

Pentachlorophenol

Concen: 0.14 ng

RT: 16.81 min Scan# 1063

Delta R.T. 0.02 min

Lab File: BE092914.D

Acq: 27 Apr 2017 14:49

Instrument :

BNA_E

ClientSampleId :

PB98517BL

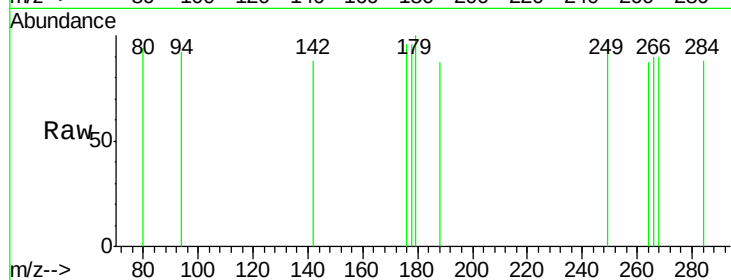
Tgt Ion: 266 Resp: 1

Ion Ratio Lower Upper

266 100

264 95.7 75.4 113.2

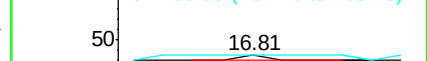
268 100.0 75.4 113.2



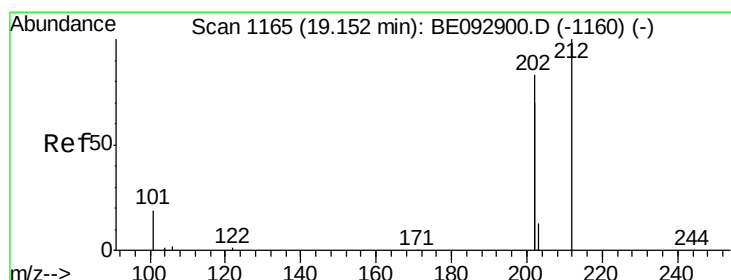
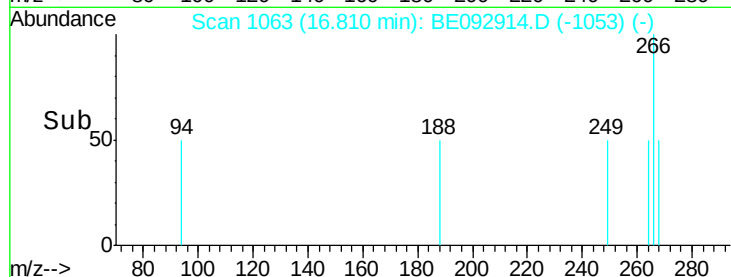
Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->



#24

Fluoranthene-d10

Concen: 0.31 ng

RT: 19.15 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BE092914.D

Acq: 27 Apr 2017 14:49

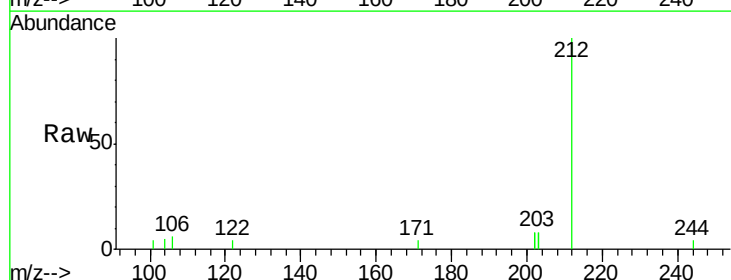
Tgt Ion: 212 Resp: 2179

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

104 0.0 0.0 0.0



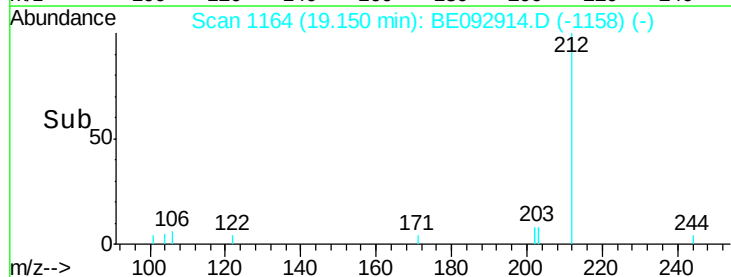
Abundance Ion 212.00 (211.70 to 212.70): E

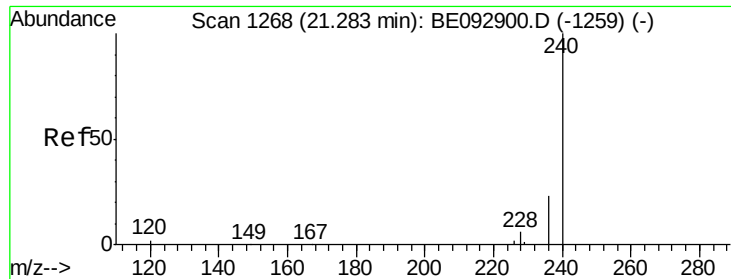
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#26

Chrysene-d12

Concen: 0.40 ng

RT: 21.28 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE092914.D

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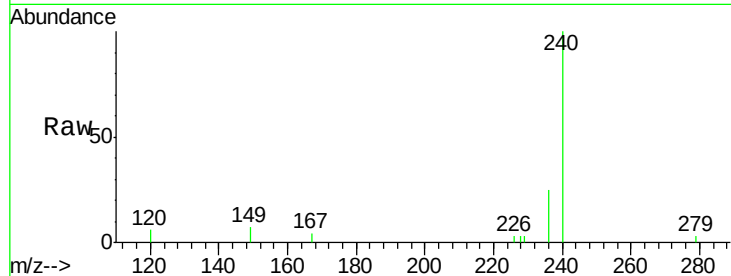
Tgt Ion:240 Resp: 2479

Ion Ratio Lower Upper

240 100

120 6.3 4.6 6.8

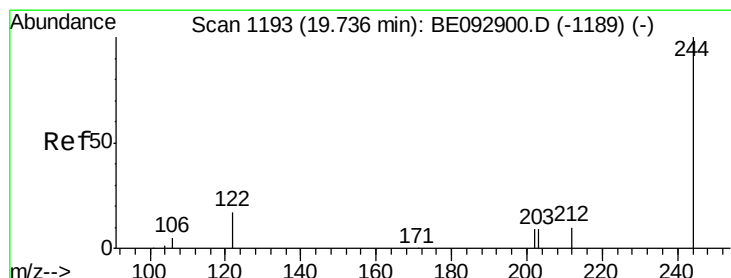
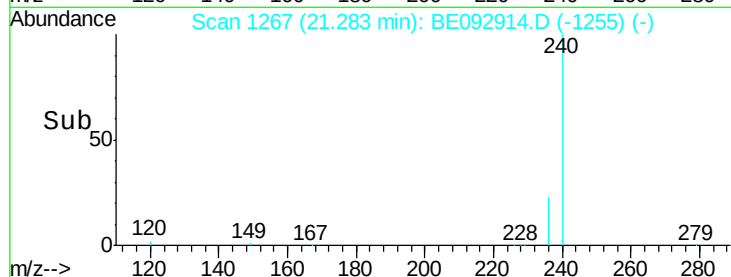
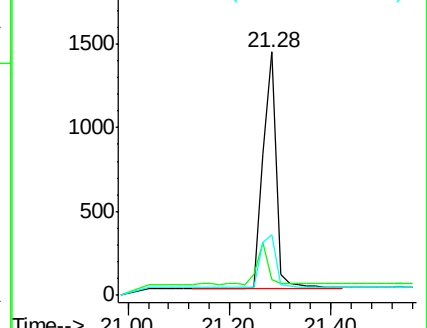
236 25.1 19.8 29.8



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



#28

Terphenyl-d14

Concen: 0.33 ng

RT: 19.73 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE092914.D

Acq: 27 Apr 2017 14:49

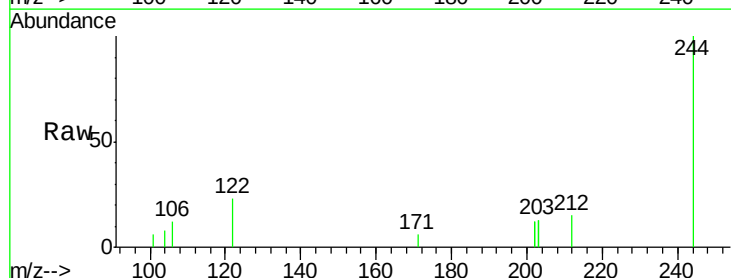
Tgt Ion:244 Resp: 1402

Ion Ratio Lower Upper

244 100

212 15.2 18.4 27.6#

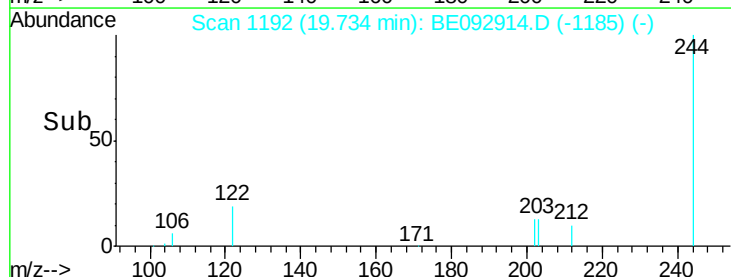
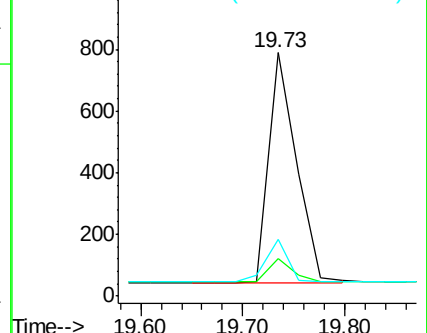
122 23.2 23.3 34.9#

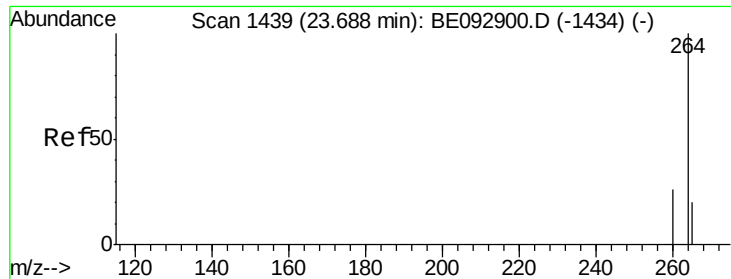


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#33

Perylene-d12

Concen: 0.40 ng

RT: 23.69 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BE092914.D

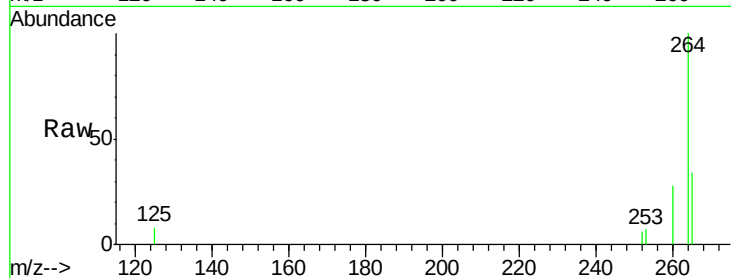
Acq: 27 Apr 2017 14:49

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PB98517BL



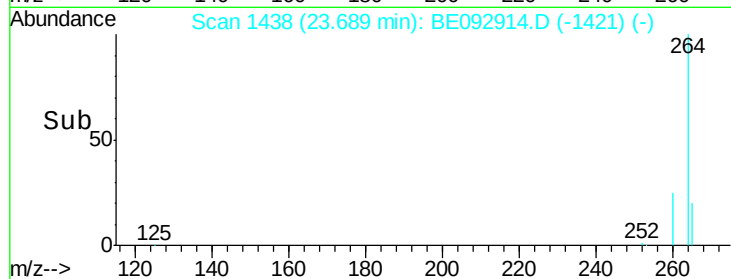
Tgt Ion: 264 Resp: 2149

Ion Ratio Lower Upper

264 100

260 28.5 23.5 35.3

265 34.3 27.2 40.8



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

