

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051518\
 Data File : BE096583.D
 Acq On : 15 May 2018 18:12
 Operator : SJ/JU
 Sample : PB108889BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB108889BL

Quant Time: May 16 06:04:13 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 15 13:02:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	790	0.40	ng	0.00
7) Naphthalene-d8	11.18	136	2905	0.40	ng	0.00
13) Acenaphthene-d10	14.93	164	1542	0.40	ng	0.01
19) Phenanthrene-d10	17.64	188	3349	0.40	ng	0.00
27) Chrysene-d12	21.74	240	3626	0.40	ng	0.01
34) Perylene-d12	24.33	264	3607	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.85	112	875	0.40	ng	0.00
5) Phenol-d6	7.50	99	1105	0.36	ng	0.00
8) Nitrobenzene-d5	9.53	82	1140	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.72	152	1578	0.33	ng	0.00
14) 2,4,6-Tribromophenol	16.40	330	209	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.56	172	2376	0.36	ng	0.00
25) Fluoranthene-d10	19.62	212	15496	0.38	ng	0.00
29) Terphenyl-d14	20.18	244	2819	0.34	ng	0.00

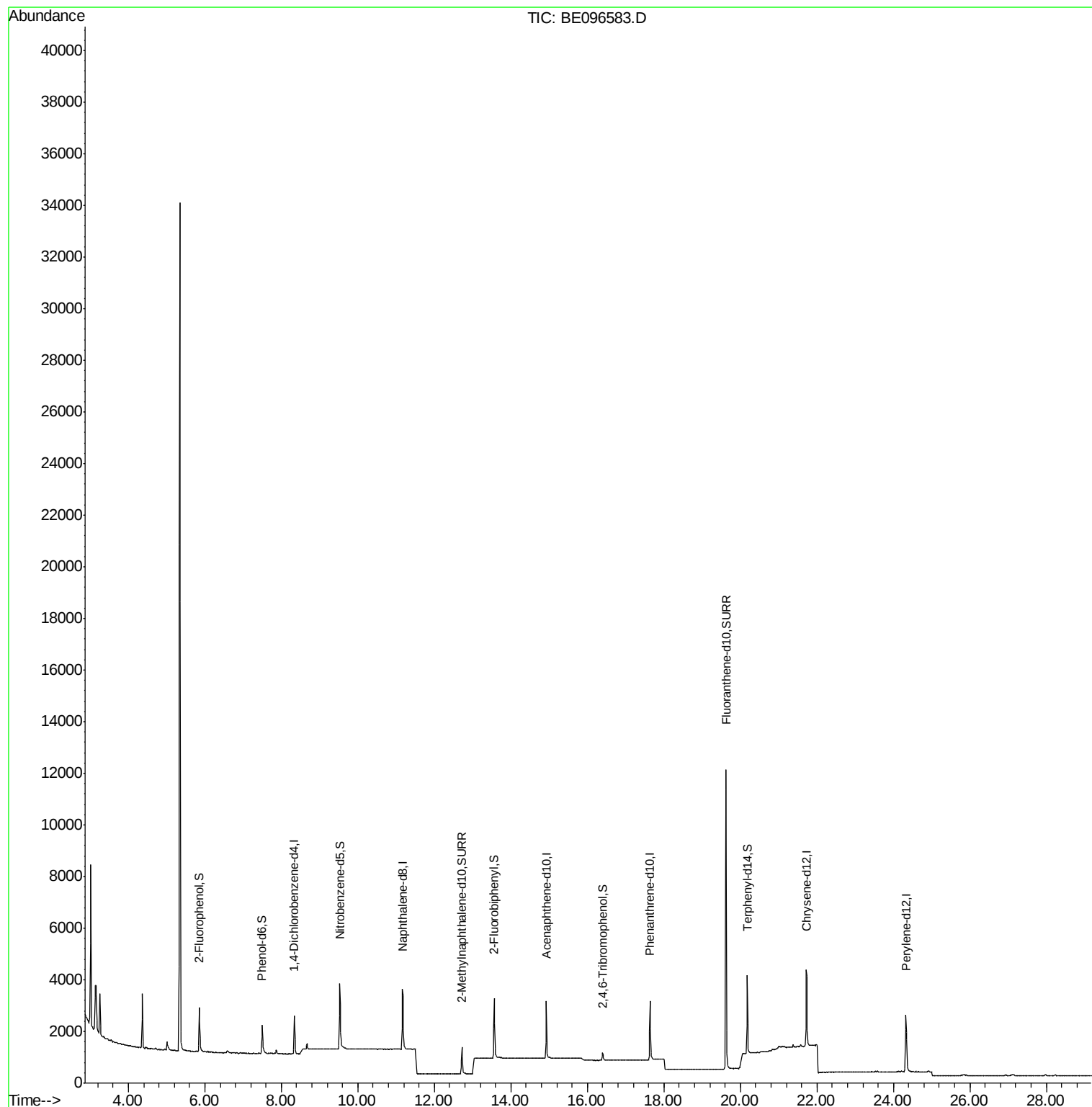
Target Compounds	Qvalue
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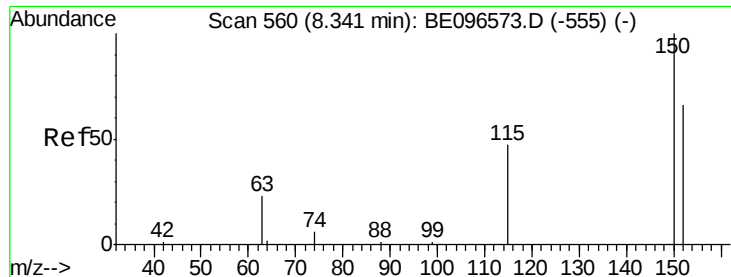
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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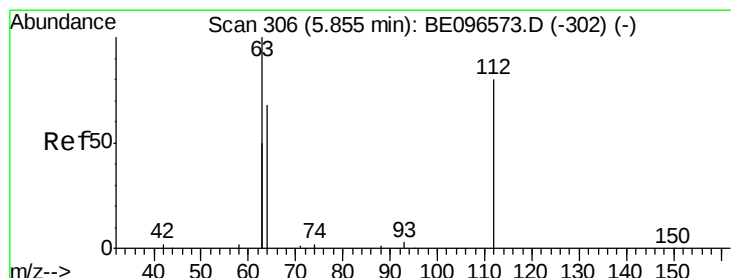
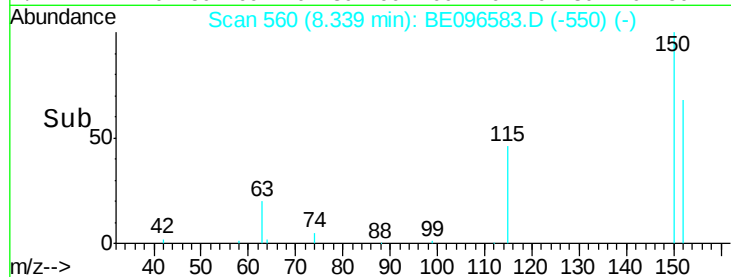
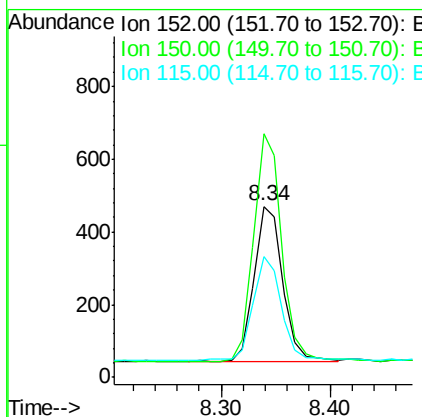
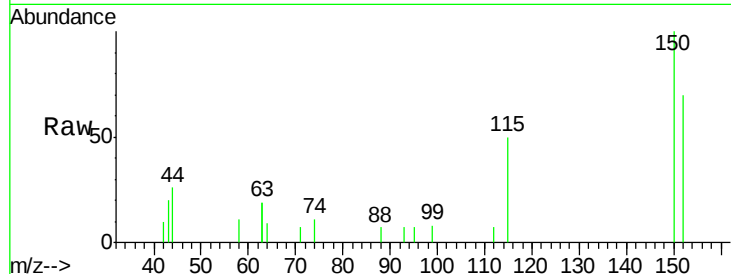




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.34 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: BE096583.D
 Acq: 15 May 2018 18:12

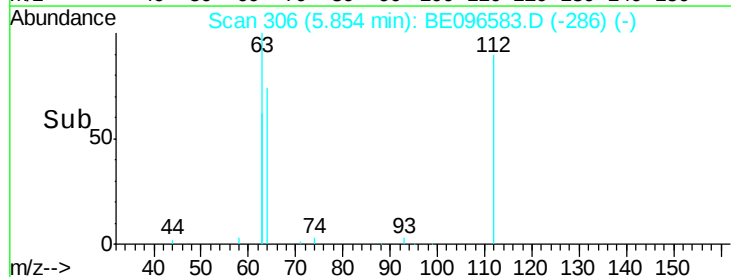
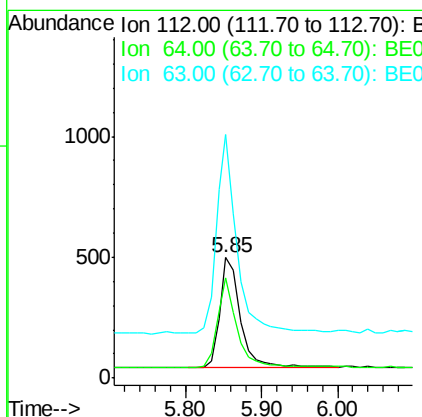
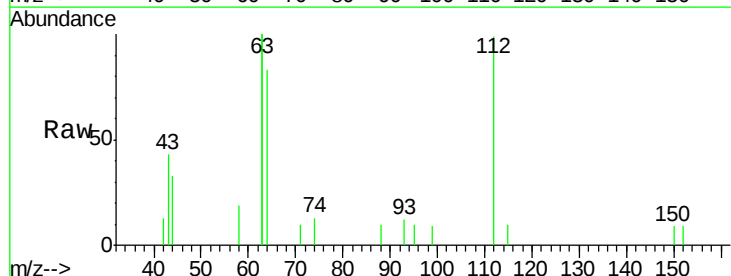
Instrument :
 BNA_E
 ClientSampleId :
 PB108889BL

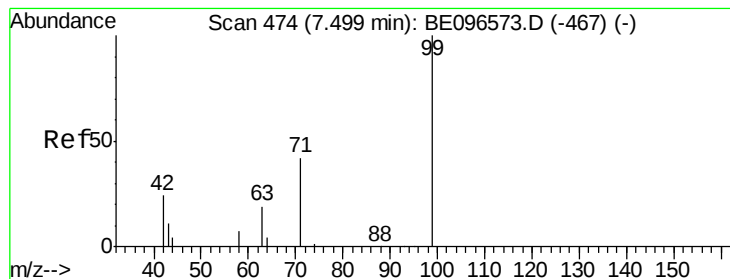
Tot Ion:152 Resp: 790
 Ion Ratio Lower Upper
 152 100
 150 142.6 117.2 175.8
 115 71.1 57.0 85.6



#4
 2-Fluorophenol
 Concen: 0.402 ng
 RT: 5.85 min Scan# 306
 Delta R.T. -0.00 min
 Lab File: BE096583.D
 Acq: 15 May 2018 18:12

Tgt Ion:112 Resp: 875
 Ion Ratio Lower Upper
 112 100
 64 76.2 60.1 90.1
 63 170.4 116.8 175.2





#5

Phenol-d6

Concen: 0.358 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.00 min

Lab File: BE096583.D

Acq: 15 May 2018 18:12

Instrument :

BNA_E

ClientSampleId :

PB108889BL

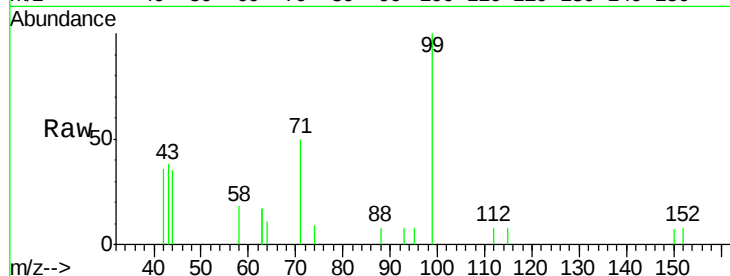
Tot Ion: 99 Resp: 1105

Ion Ratio Lower Upper

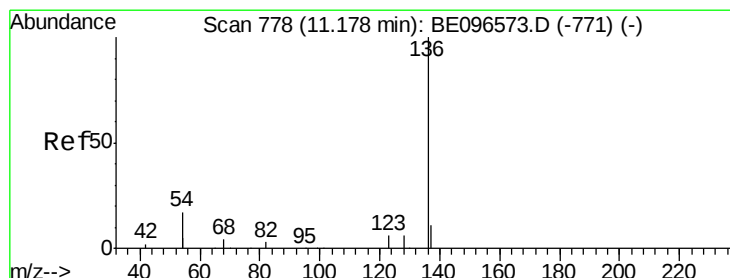
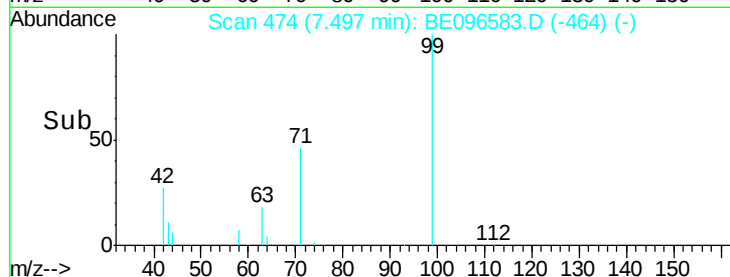
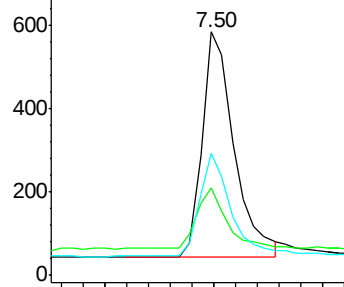
99 100

42 24.8 20.2 30.2

71 43.7 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: 11.18 min Scan# 778

Delta R.T. 0.00 min

Lab File: BE096583.D

Acq: 15 May 2018 18:12

Tgt Ion: 136 Resp: 2905

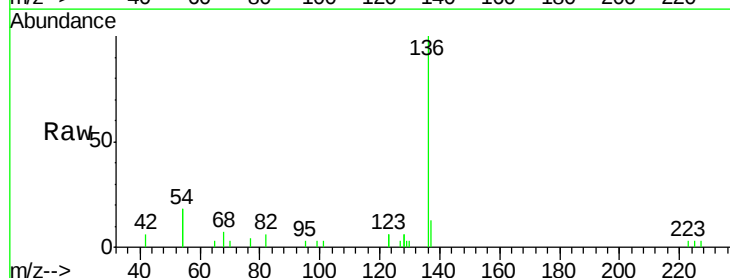
Ion Ratio Lower Upper

136 100

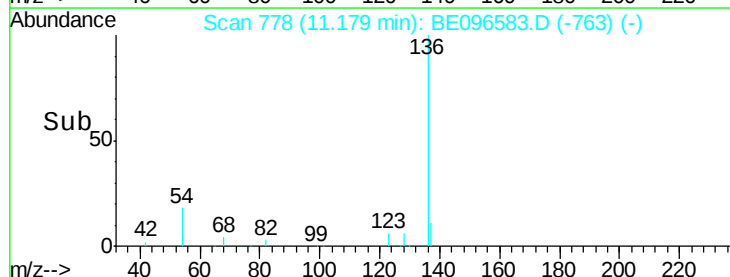
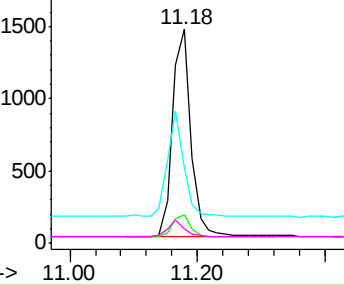
137 13.4 9.5 14.3

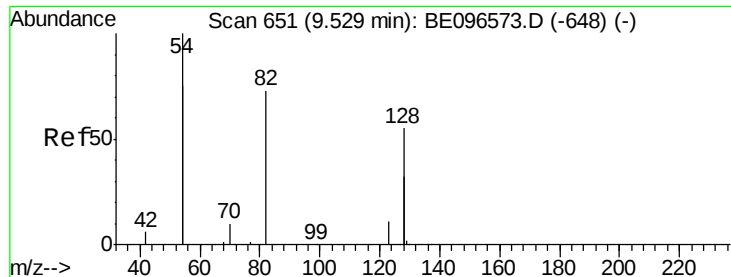
54 35.4 29.1 43.7

68 6.6 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: 0.369 ng

RT: 9.53 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE096583.D

Acq: 15 May 2018 18:12

Instrument :

BNA_E

ClientSampleId :

PB108889BL

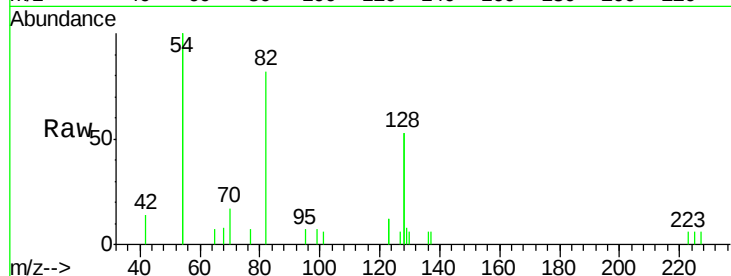
Tot Ion: 82 Resp: 1140

Ion Ratio Lower Upper

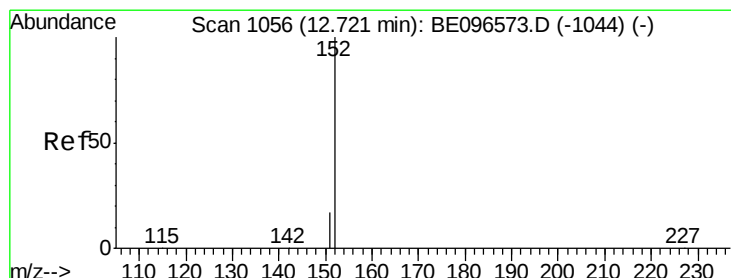
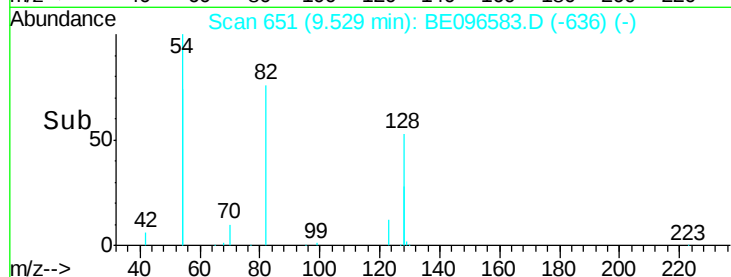
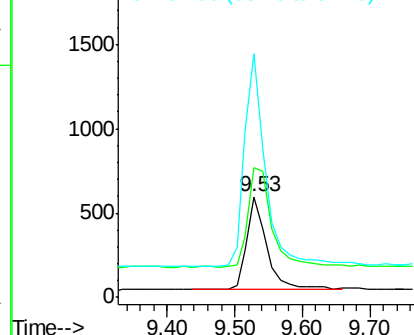
82 100

128 129.1 150.0 225.0#

54 242.7 154.2 231.4#



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



#11

2-Methylnaphthalene-d10

Concen: 0.333 ng

RT: 12.72 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BE096583.D

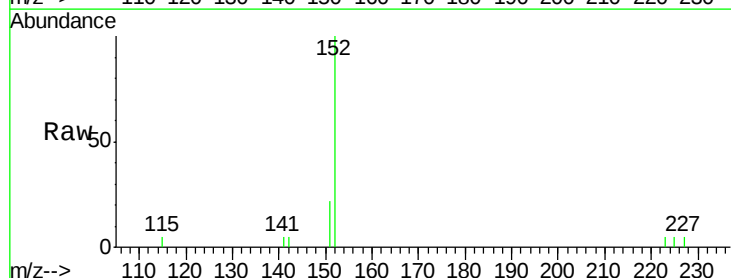
Acq: 15 May 2018 18:12

Tgt Ion: 152 Resp: 1578

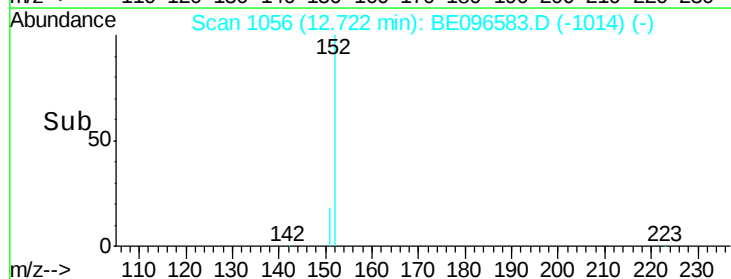
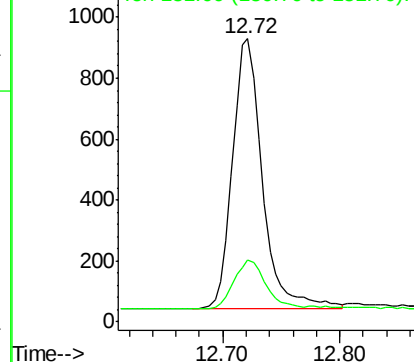
Ion Ratio Lower Upper

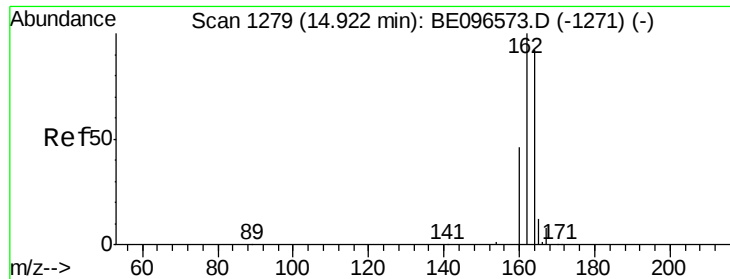
152 100

151 19.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.93 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BE096583.D

Acq: 15 May 2018 18:12

Instrument :

BNA_E

ClientSampleId :

PB108889BL

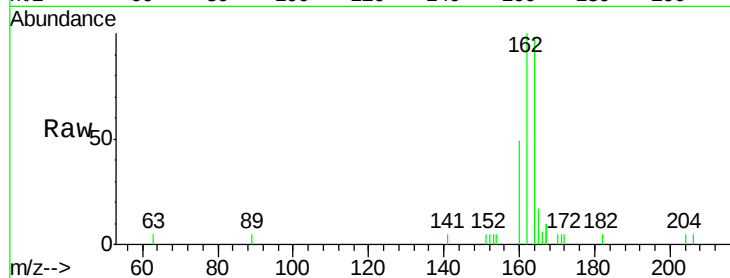
Tot Ion:164 Resp: 1542

Ion Ratio Lower Upper

164 100

162 102.2 83.1 124.7

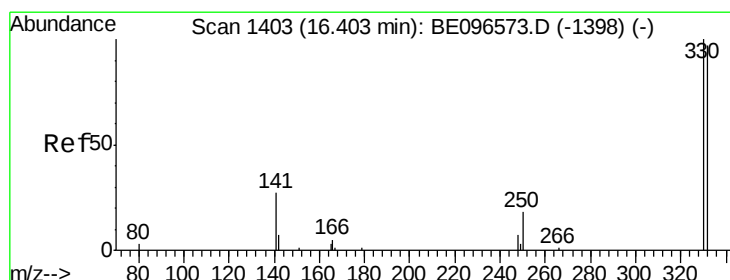
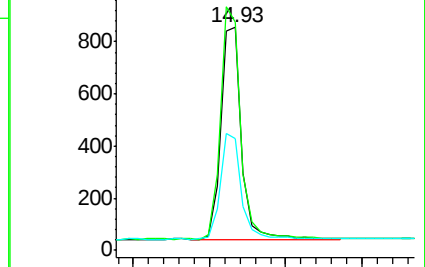
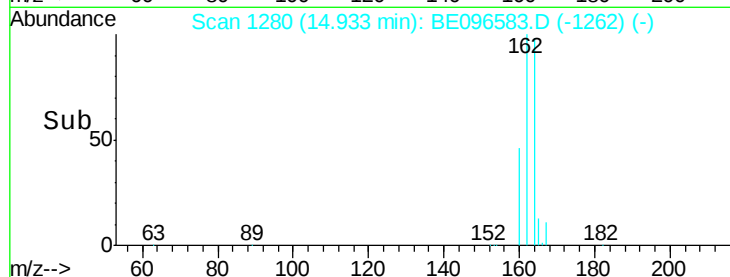
160 49.9 37.1 55.7



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

2,4,6-Tribromophenol

Concen: 0.343 ng

RT: 16.40 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BE096583.D

Acq: 15 May 2018 18:12

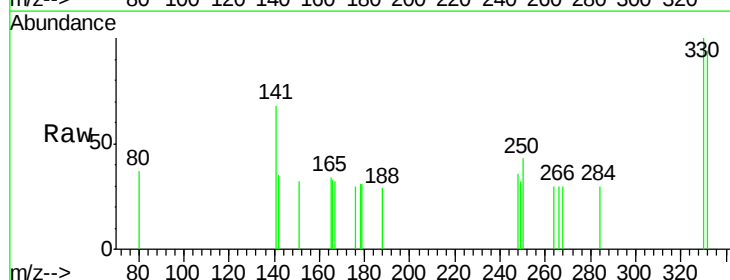
Tgt Ion:330 Resp: 209

Ion Ratio Lower Upper

330 100

332 95.2 152.7 229.1#

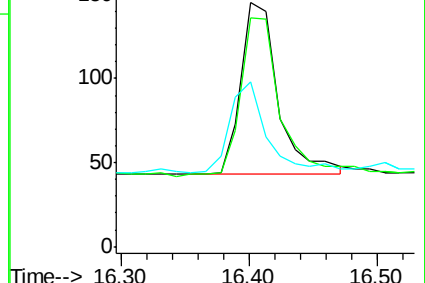
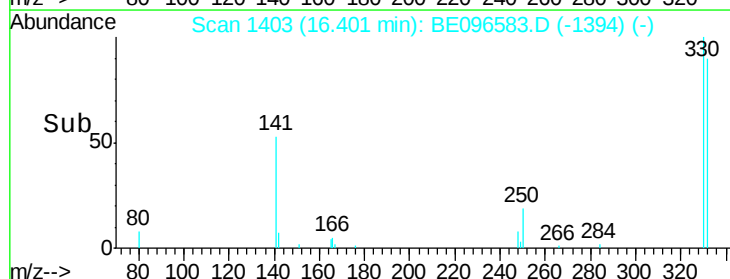
141 52.6 33.7 50.5#

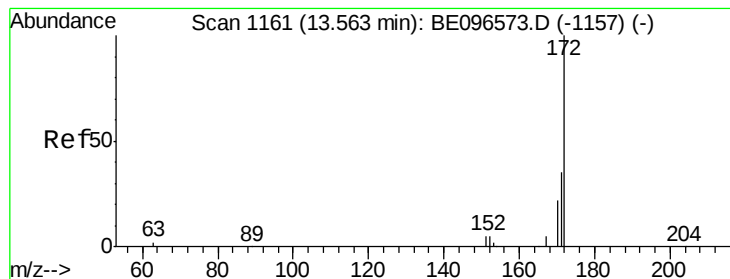


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.359 ng

RT: 13.56 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BE096583.D

Acq: 15 May 2018 18:12

Instrument :

BNA_E

ClientSampleId :

PB108889BL

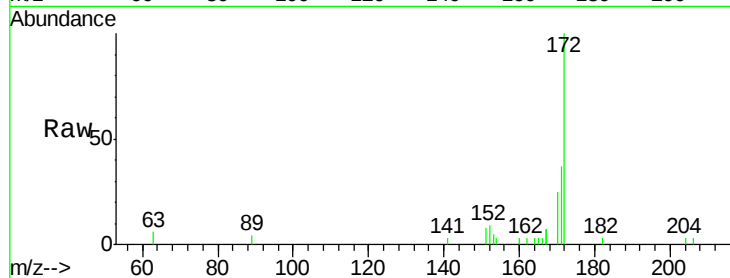
Tot Ion:172 Resp: 2376

Ion Ratio Lower Upper

172 100

171 36.7 29.9 44.9

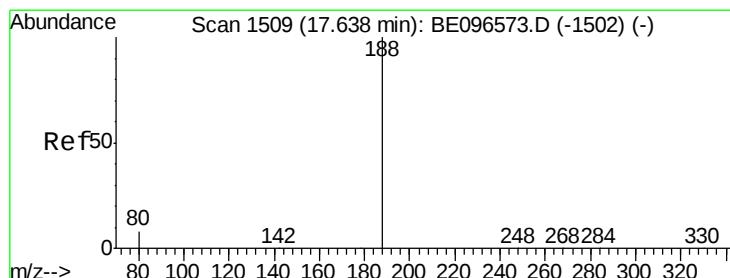
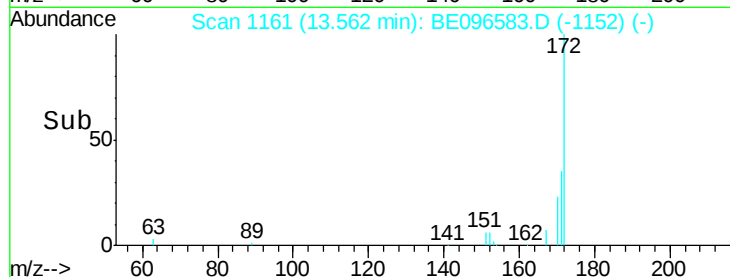
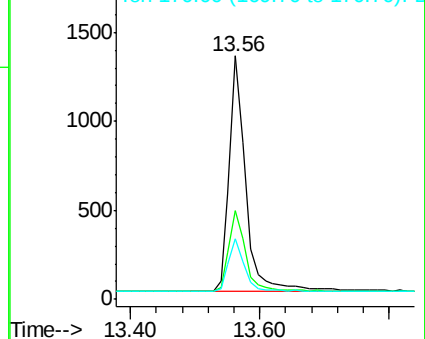
170 25.1 21.8 32.8



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: 17.64 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BE096583.D

Acq: 15 May 2018 18:12

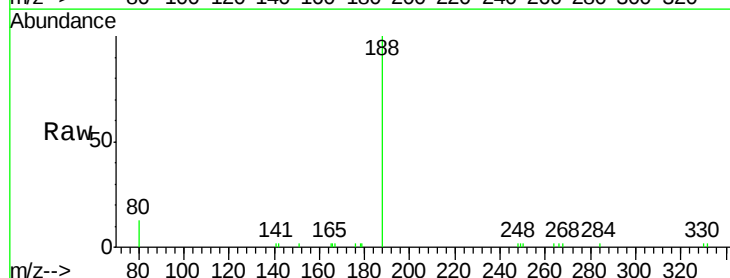
Tgt Ion:188 Resp: 3349

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

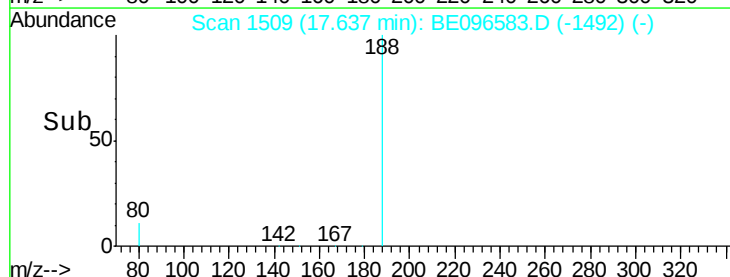
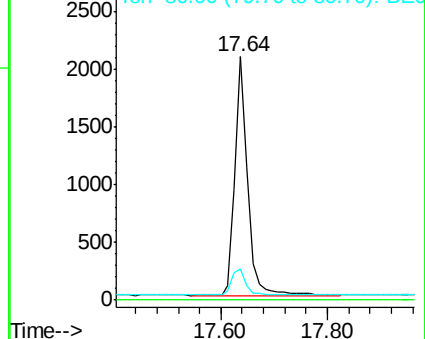
80 12.8 3.6 5.4#

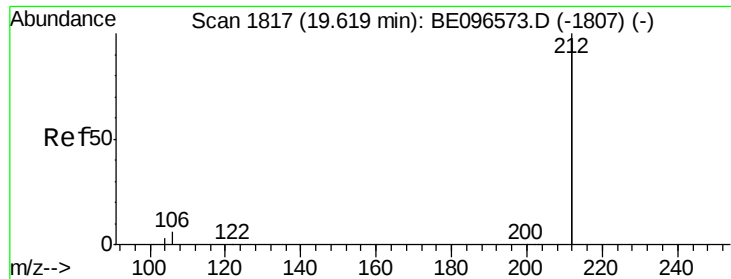


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.378 ng

RT: 19.62 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BE096583.D

Acq: 15 May 2018 18:12

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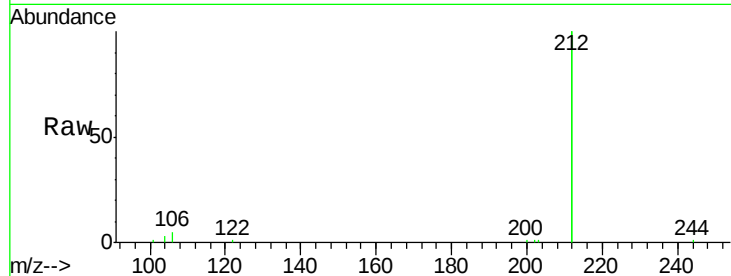
Tot Ion:212 Resp: 15496

Ion Ratio Lower Upper

212 100

106 2.7 2.8 4.2#

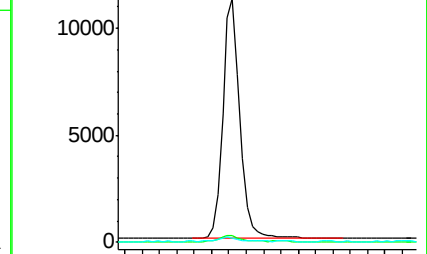
104 1.6 1.6 2.4



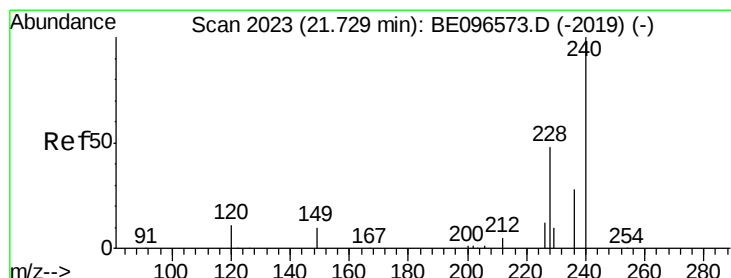
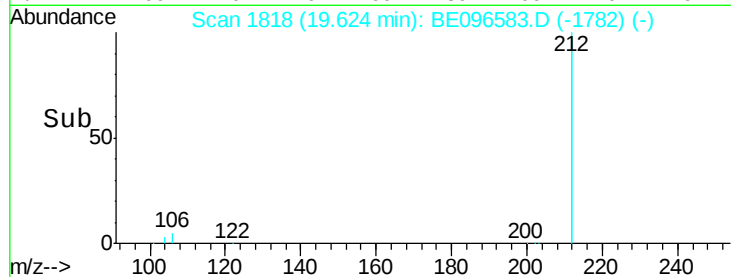
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 19.50 19.60 19.70 19.80



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.74 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BE096583.D

Acq: 15 May 2018 18:12

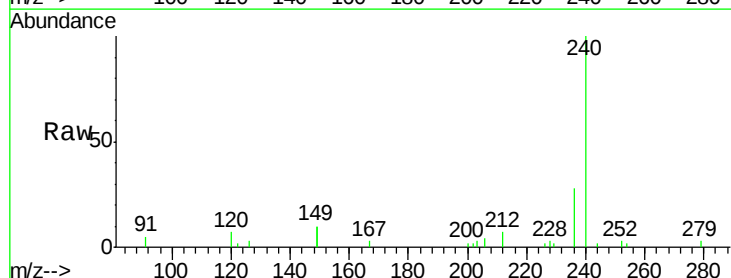
Tgt Ion:240 Resp: 3626

Ion Ratio Lower Upper

240 100

120 6.7 5.5 8.3

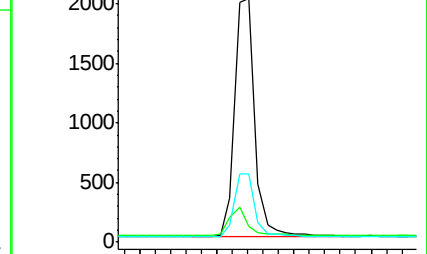
236 27.8 20.7 31.1



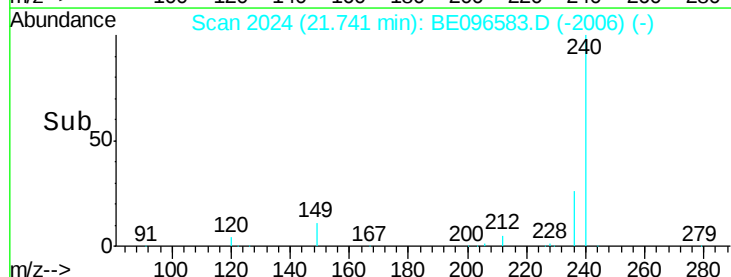
Abundance Ion 240.00 (239.70 to 240.70): E

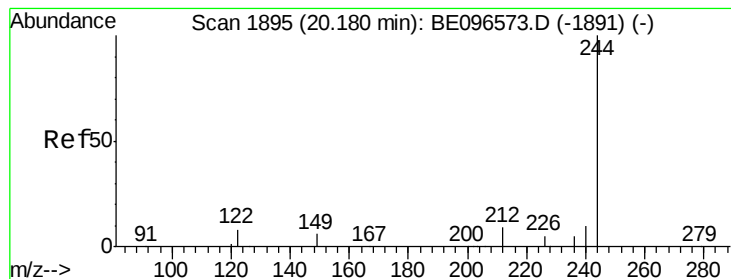
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.60 21.70 21.80 21.90





#29

Terphenyl-d14

Concen: 0.344 ng

RT: 20.18 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BE096583.D

Acq: 15 May 2018 18:12

Instrument :

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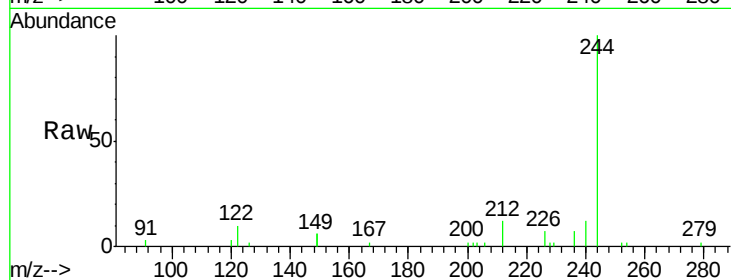
Tot Ion:244 Resp: 2819

Ion Ratio Lower Upper

244 100

212 11.5 25.4 38.0#

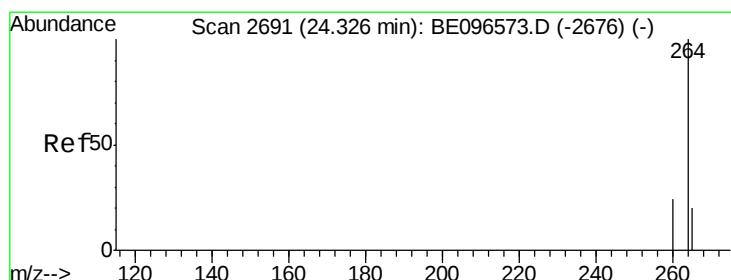
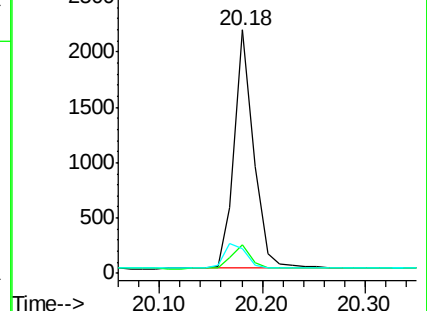
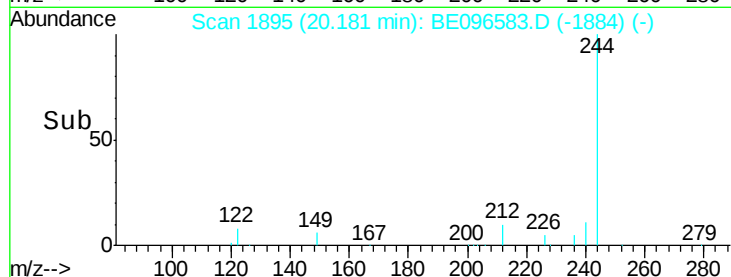
122 10.1 8.1 12.1



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.33 min Scan# 2692

Delta R.T. 0.00 min

Lab File: BE096583.D

Acq: 15 May 2018 18:12

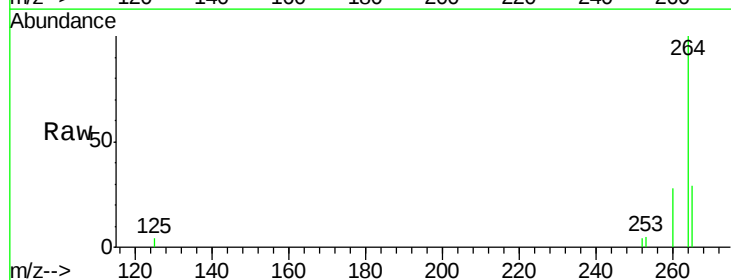
Tgt Ion:264 Resp: 3607

Ion Ratio Lower Upper

264 100

260 27.5 20.5 30.7

265 29.1 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

