

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032319\
 Data File : BE099110.D
 Acq On : 23 Mar 2019 13:55
 Operator : JU/SJ
 Sample : PB118176BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB118176BL

Quant Time: Mar 24 03:16:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 23 04:40:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3342	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	12339	0.40	ng	-0.01
13) Acenaphthene-d10	14.48	164	7683	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	19892	0.40	ng	0.00
27) Chrysene-d12	21.38	240	27276	0.40	ng	-0.01
34) Perylene-d12	23.89	264	30235	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	3022	0.30	ng	0.00
5) Phenol-d6	7.00	99	4012	0.28	ng	0.00
8) Nitrobenzene-d5	8.99	82	2446	0.45	ng	-0.01
11) 2-Methylnaphthalene-d10	12.22	152	6040	0.27	ng	-0.02
14) 2,4,6-Tribromophenol	15.96	330	842	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	9293	0.30	ng	-0.02
25) Fluoranthene-d10	19.24	212	74368	0.28	ng	0.00
29) Terphenyl-d14	19.83	244	15013	0.26	ng	0.00

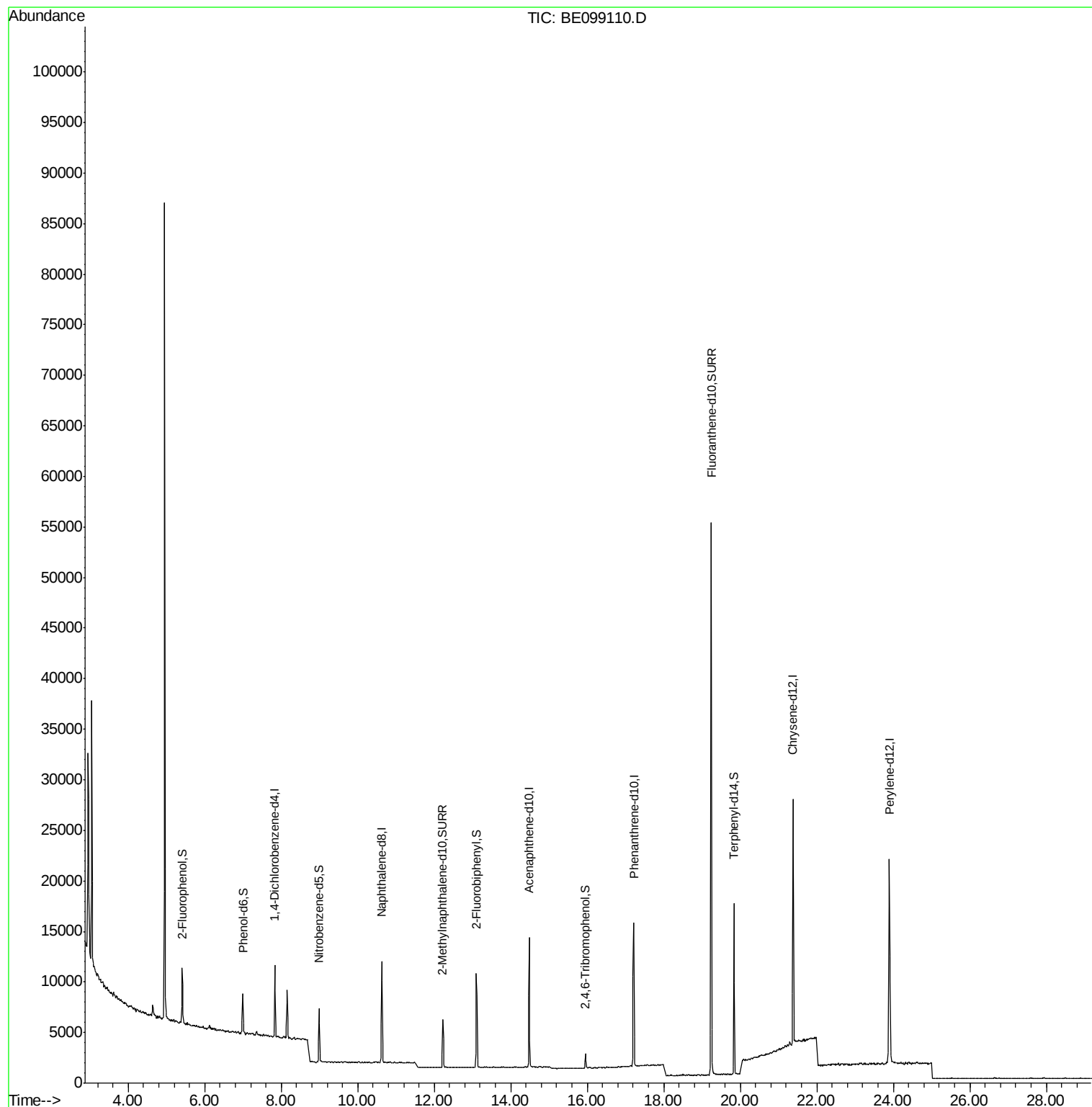
Target Compounds Qvalue

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

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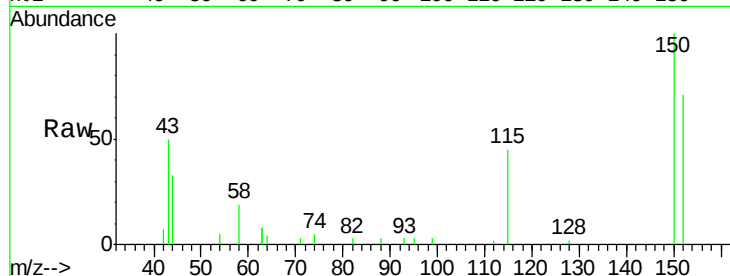


#1

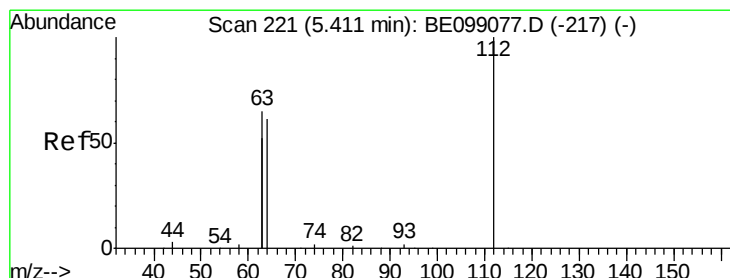
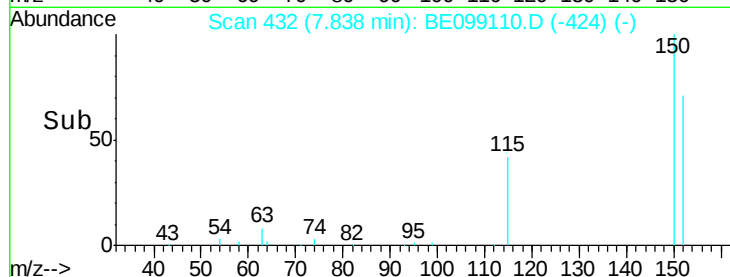
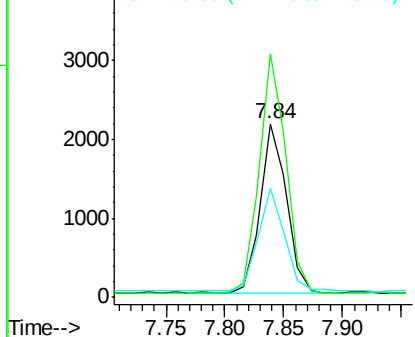
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099110.D
Acq: 23 Mar 2019 13:55

Instrument :
BNA_E
ClientSampleId :
PB118176BL

Tot Ion:152 Resp: 3342
Ion Ratio Lower Upper
152 100
150 140.3 122.5 183.7
115 62.6 57.4 86.2



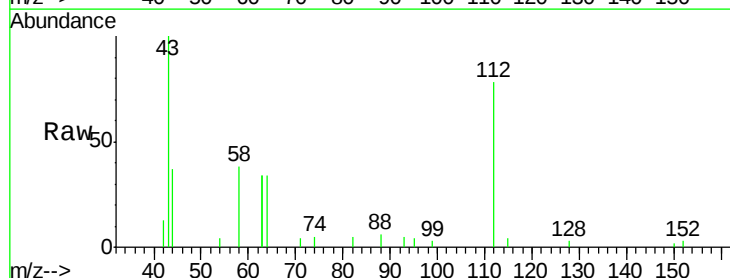
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



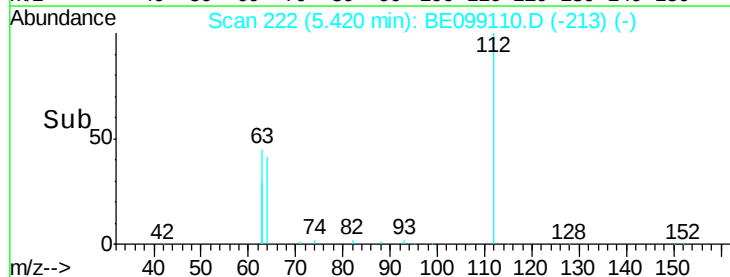
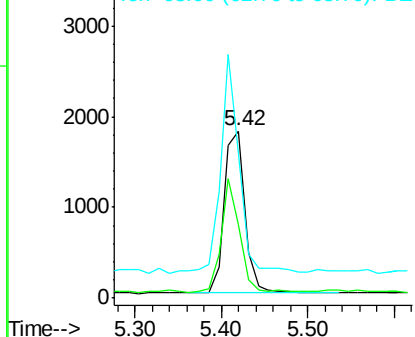
#4

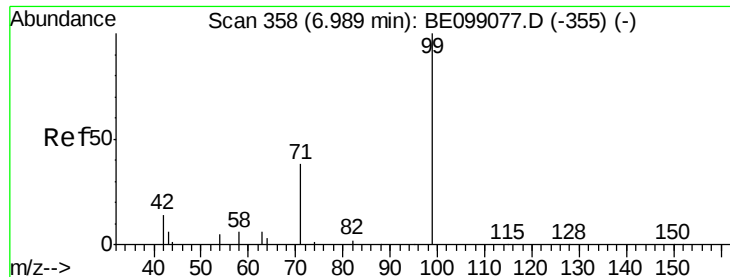
2-Fluorophenol
Concen: 0.304 ng
RT: 5.42 min Scan# 222
Delta R.T. 0.01 min
Lab File: BE099110.D
Acq: 23 Mar 2019 13:55

Tgt Ion:112 Resp: 3022
Ion Ratio Lower Upper
112 100
64 61.4 57.9 86.9
63 119.2 158.3 237.5#



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: 0.280 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE099110.D

Acq: 23 Mar 2019 13:55

Instrument :

BNA_E

ClientSampleId :

PB118176BL

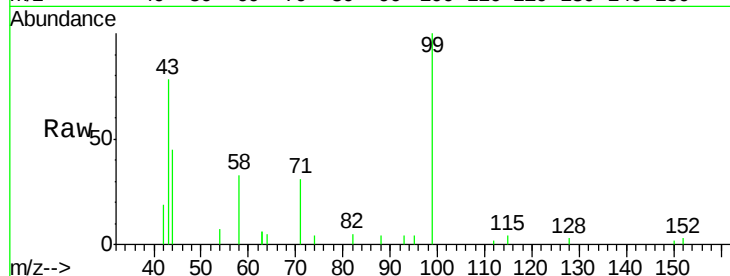
Tot Ion: 99 Resp: 4012

Ion Ratio Lower Upper

99 100

42 15.4 24.2 36.2#

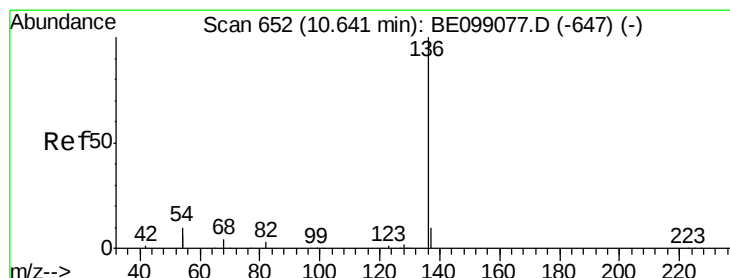
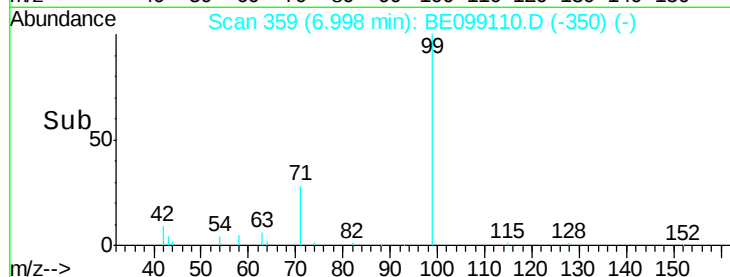
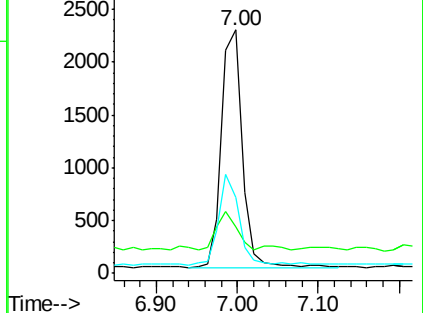
71 36.3 35.7 53.5



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: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE099110.D

Acq: 23 Mar 2019 13:55

Tgt Ion: 136 Resp: 12339

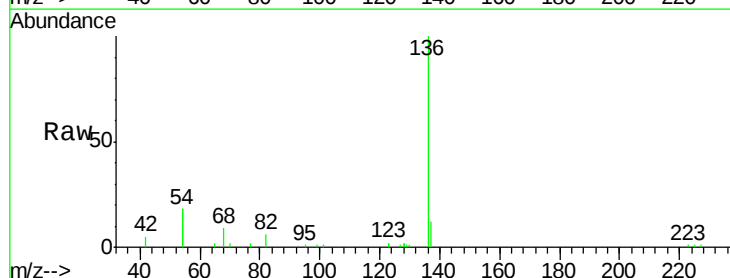
Ion Ratio Lower Upper

136 100

137 11.8 11.4 17.0

54 36.6 39.3 58.9#

68 9.4 6.7 10.1

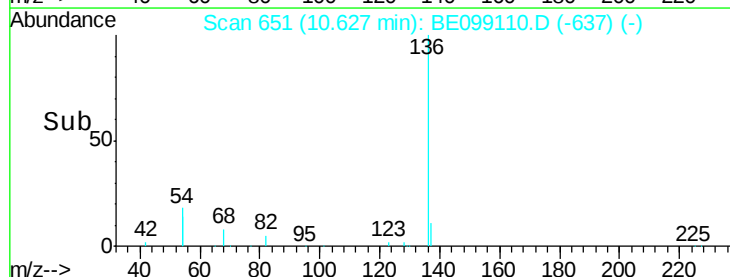
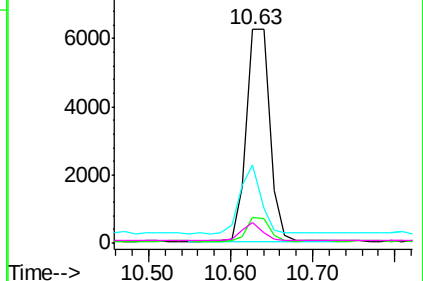


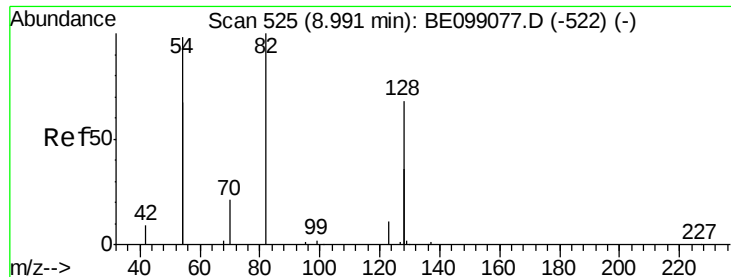
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.453 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.01 min

Lab File: BE099110.D

Acq: 23 Mar 2019 13:55

Instrument :

BNA_E

ClientSampleId :

PB118176BL

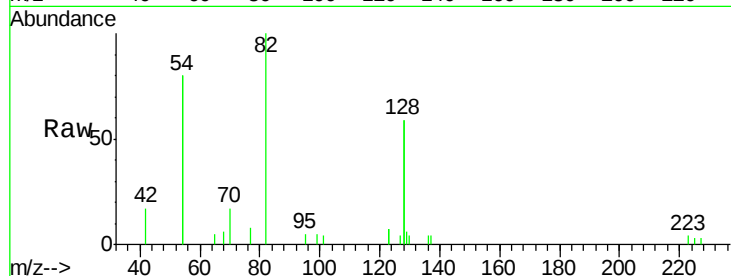
Tot Ion: 82 Resp: 2446

Ion Ratio Lower Upper

82 100

128 117.7 123.8 185.8#

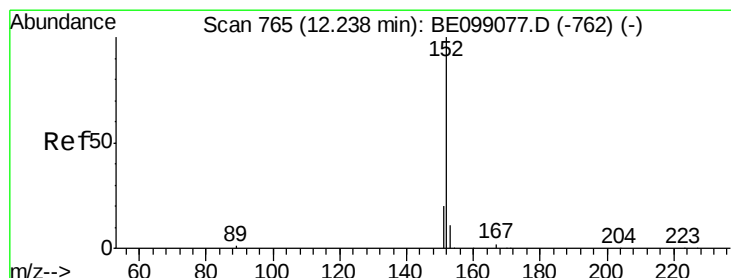
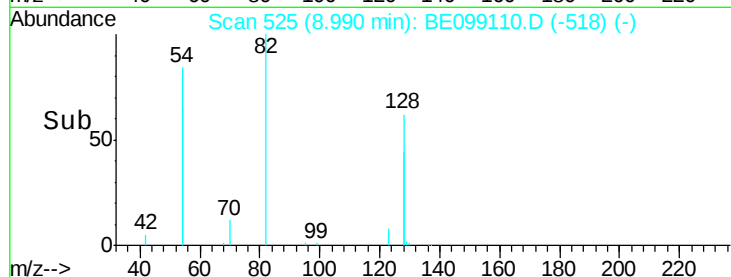
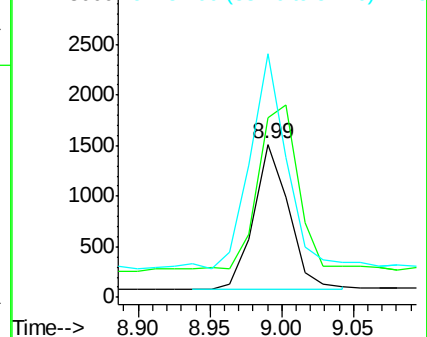
54 159.3 203.4 305.2#



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: 0.272 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.02 min

Lab File: BE099110.D

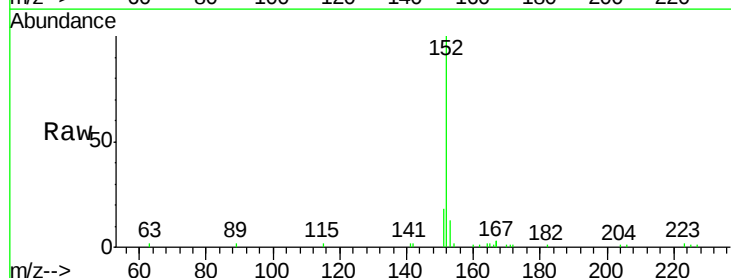
Acq: 23 Mar 2019 13:55

Tgt Ion: 152 Resp: 6040

Ion Ratio Lower Upper

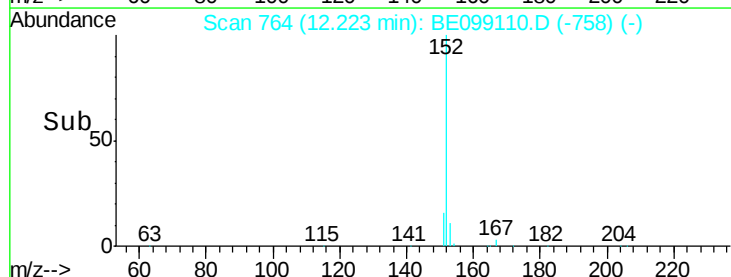
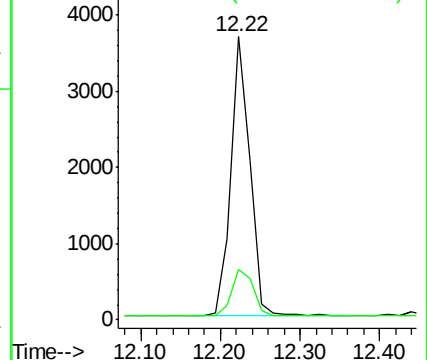
152 100

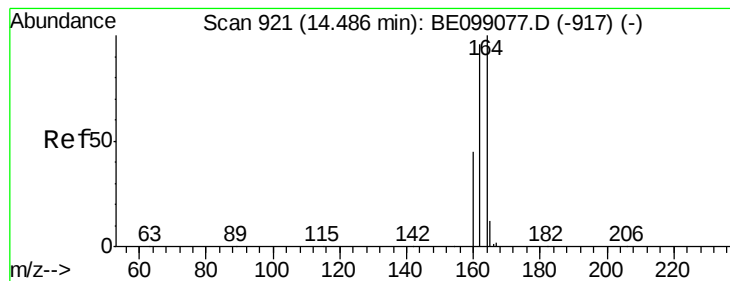
151 19.6 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.48 min Scan# 921

Delta R.T. -0.00 min

Lab File: BE099110.D

Acq: 23 Mar 2019 13:55

Instrument :

BNA_E

ClientSampleId :

PB118176BL

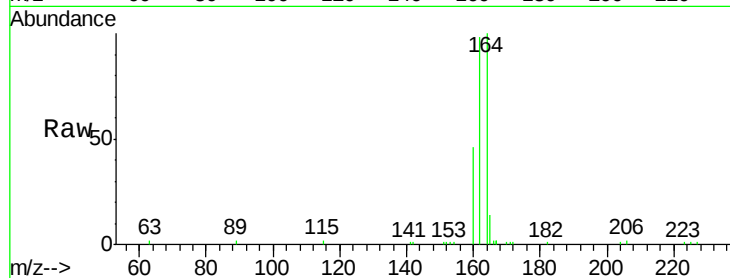
Tot Ion:164 Resp: 7683

Ion Ratio Lower Upper

164 100

162 98.2 80.2 120.2

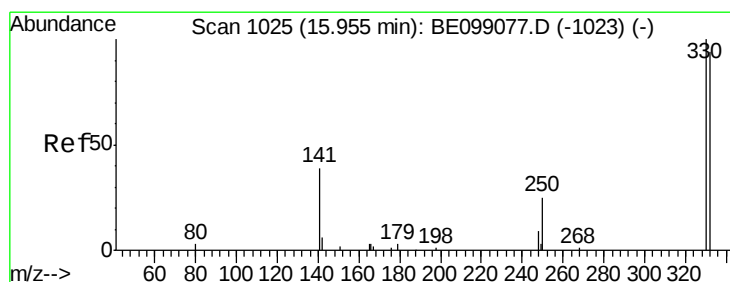
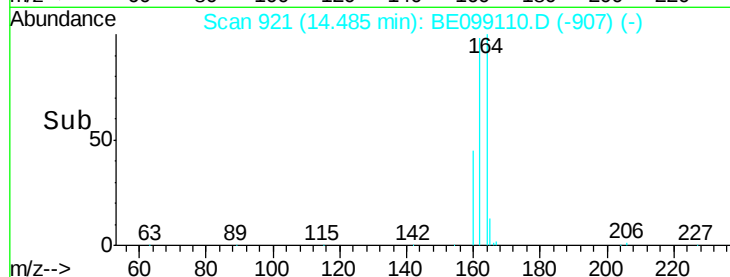
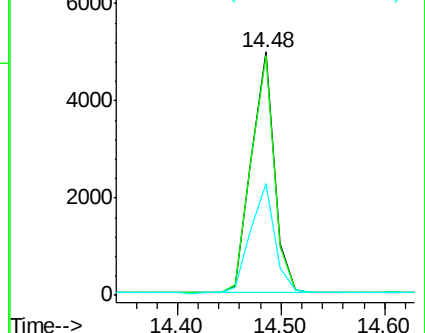
160 45.8 37.8 56.8



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: 0.373 ng

RT: 15.96 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BE099110.D

Acq: 23 Mar 2019 13:55

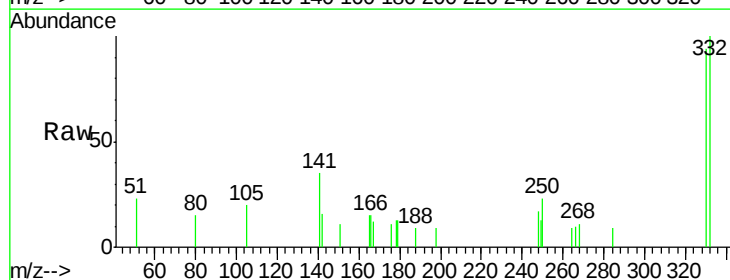
Tgt Ion:330 Resp: 842

Ion Ratio Lower Upper

330 100

332 102.3 77.6 116.4

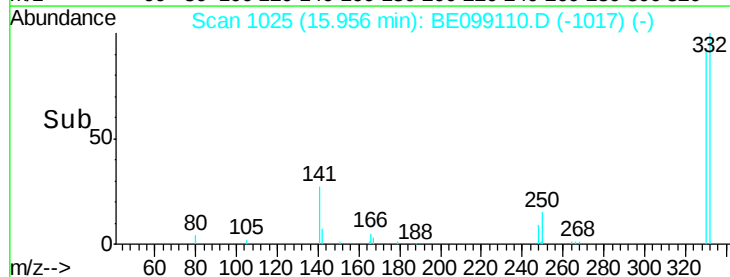
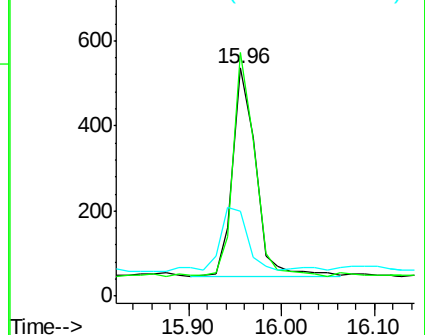
141 37.8 31.0 46.4

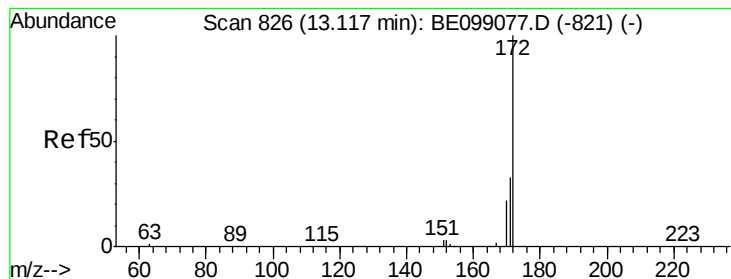


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.304 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.02 min

Lab File: BE099110.D

Acq: 23 Mar 2019 13:55

Instrument :

BNA_E

ClientSampleId :

PB118176BL

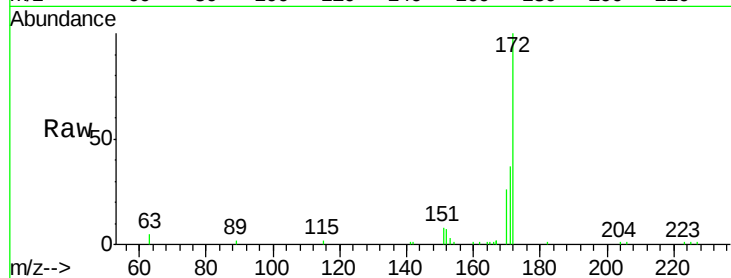
Tot Ion:172 Resp: 9293

Ion Ratio Lower Upper

172 100

171 36.6 28.0 42.0

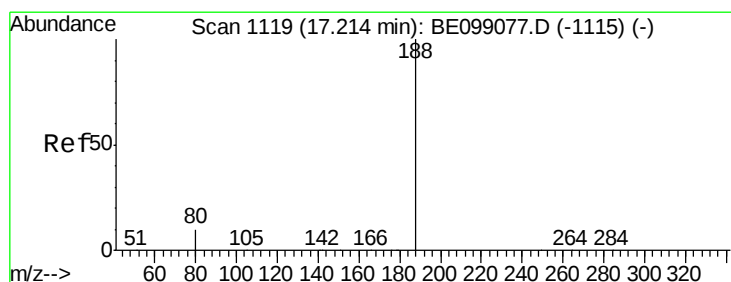
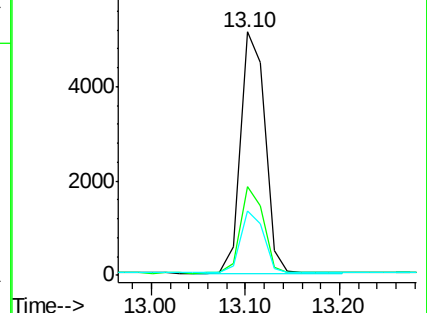
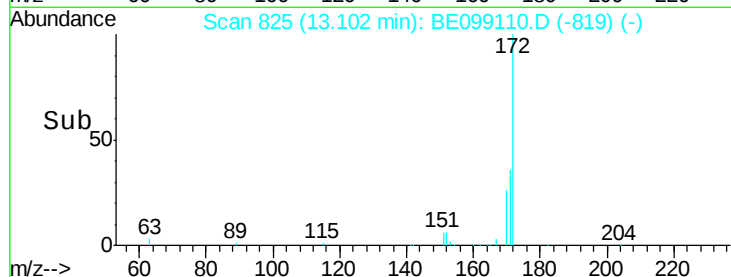
170 26.4 17.7 26.5



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: 17.21 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099110.D

Acq: 23 Mar 2019 13:55

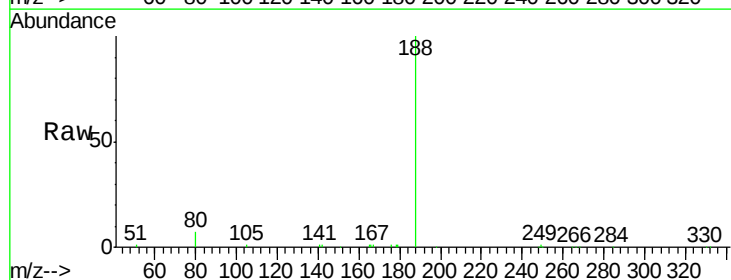
Tgt Ion:188 Resp: 19892

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

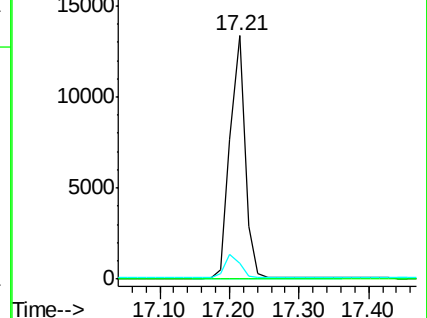
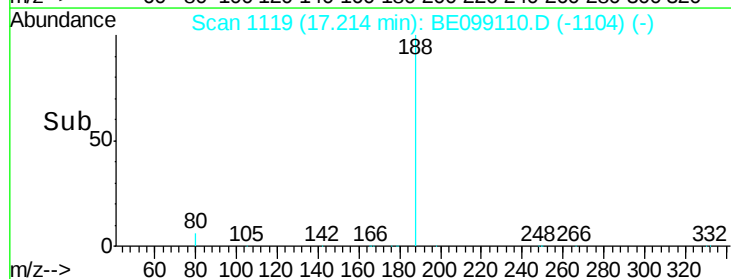
80 6.5 6.3 9.5

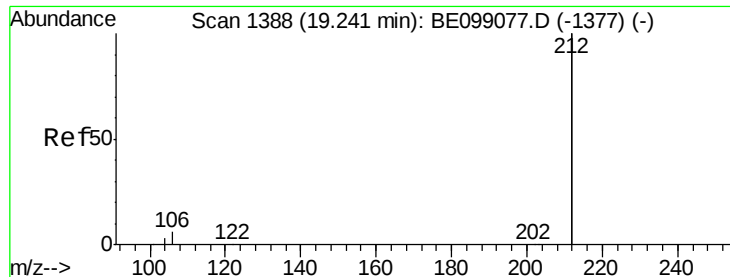


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.280 ng

RT: 19.24 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BE099110.D

Acq: 23 Mar 2019 13:55

Instrument :

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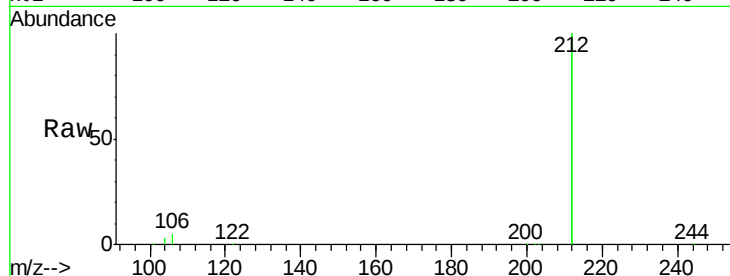
Tot Ion:212 Resp: 74368

Ion Ratio Lower Upper

212 100

106 2.6 1.8 2.8

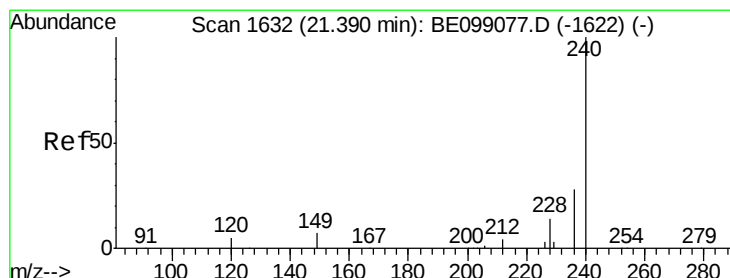
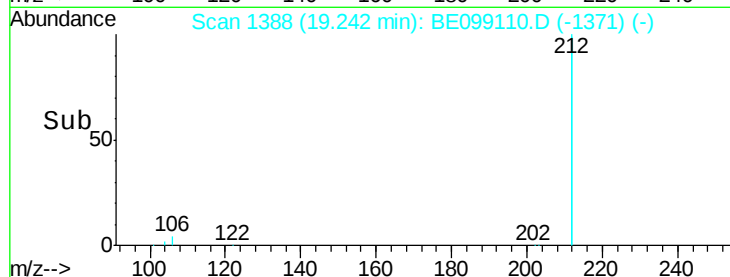
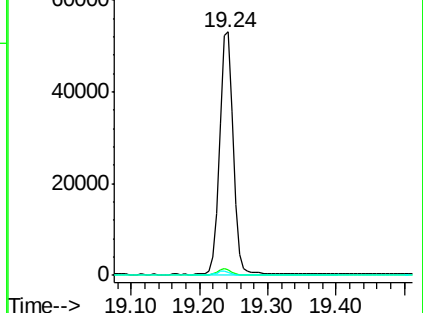
104 1.5 1.0 1.6



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: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099110.D

Acq: 23 Mar 2019 13:55

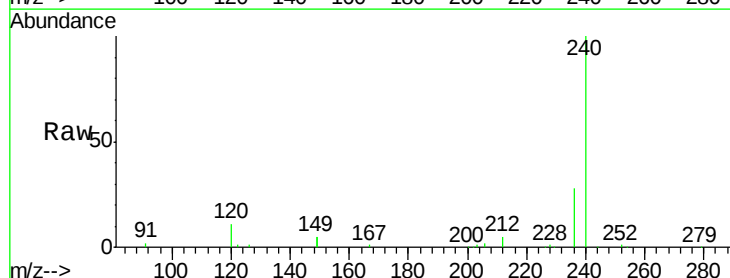
Tgt Ion:240 Resp: 27276

Ion Ratio Lower Upper

240 100

120 11.0 5.0 7.4#

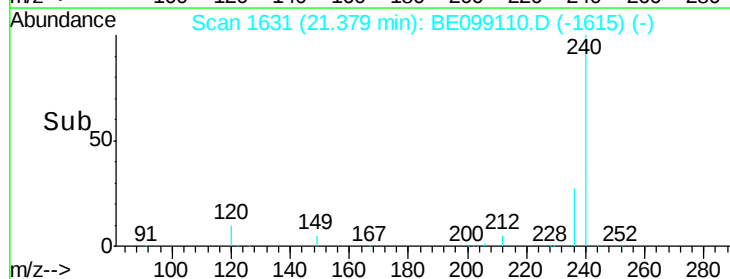
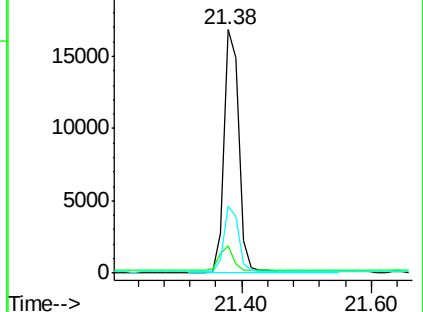
236 27.6 22.7 34.1

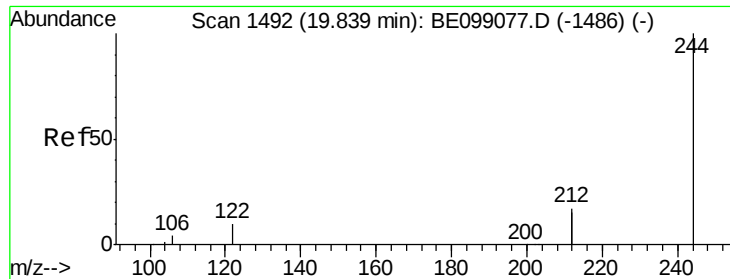


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.260 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE099110.D

Acq: 23 Mar 2019 13:55

Instrument :

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ClientSampleId :

PB118176BL

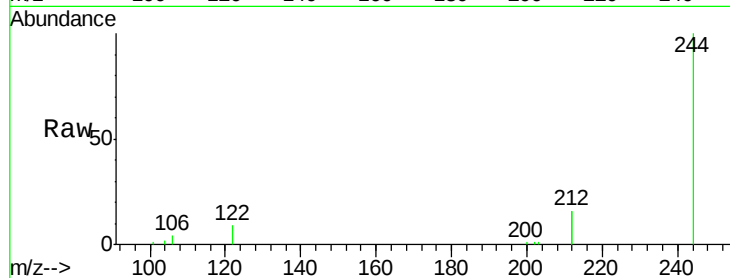
Tot Ion:244 Resp: 15013

Ion Ratio Lower Upper

244 100

212 31.2 29.4 44.2

122 8.9 7.1 10.7

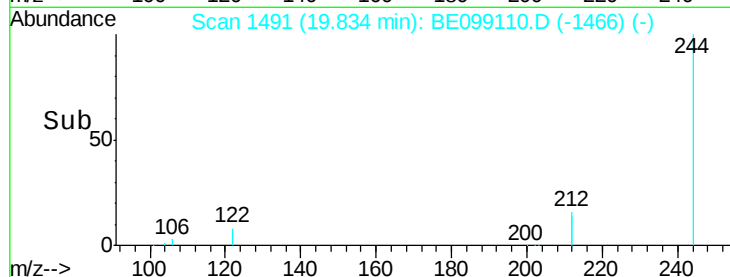


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 19.75 19.80 19.85 19.90



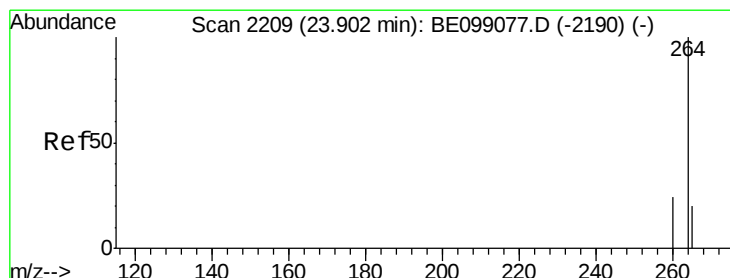
Abundance

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

Time--> 19.75 19.80 19.85 19.90



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.89 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BE099110.D

Acq: 23 Mar 2019 13:55

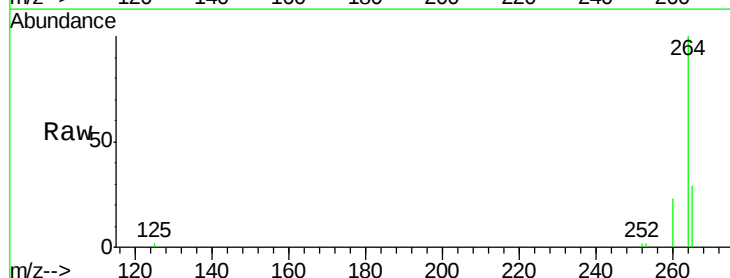
Tgt Ion:264 Resp: 30235

Ion Ratio Lower Upper

264 100

260 23.1 21.2 31.8

265 29.1 24.6 36.8

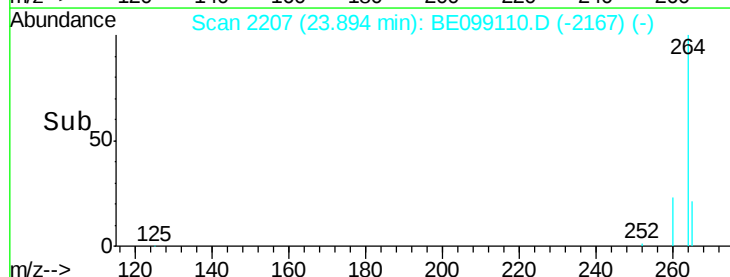


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time--> 23.80 23.90 24.00



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

Time--> 23.80 23.90 24.00