

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
 Data File : BE100843.D
 Acq On : 11 Dec 2019 12:29
 Operator : JU
 Sample : PB125330BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB125330BL

Quant Time: Dec 11 14:28:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 17:18:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4875	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	20610	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	10052	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	24266	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	18609	0.40	ng	0.00
34) Perylene-d12	23.74	264	20566	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.38	112	4861	0.42	ng	0.00
5) Phenol-d6	6.93	99	7460	0.43	ng	0.00
8) Nitrobenzene-d5	8.90	82	4852	0.49	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	11653	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	547	0.49	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	15589	0.39	ng	-0.01
25) Fluoranthene-d10	19.16	212	100812	0.35	ng	0.00
29) Terphenyl-d14	19.76	244	18900	0.42	ng	0.00

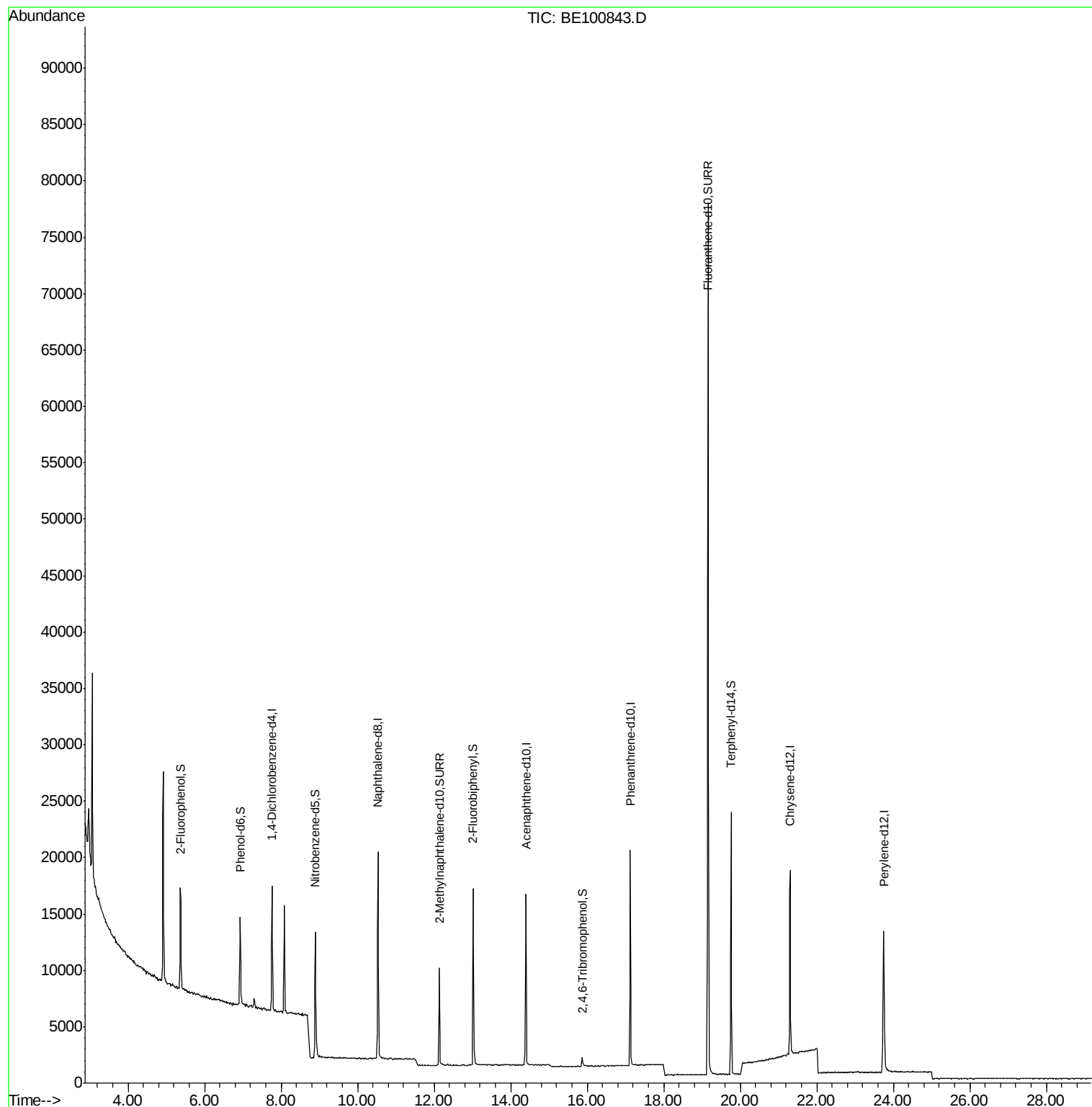
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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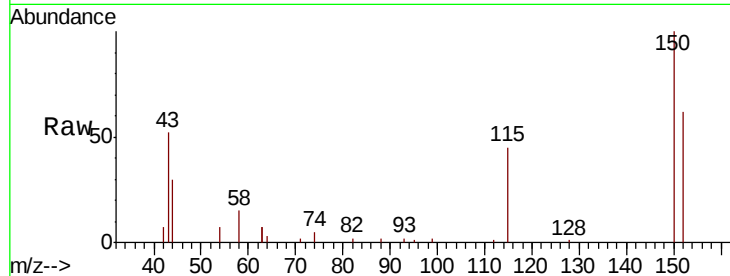


#1

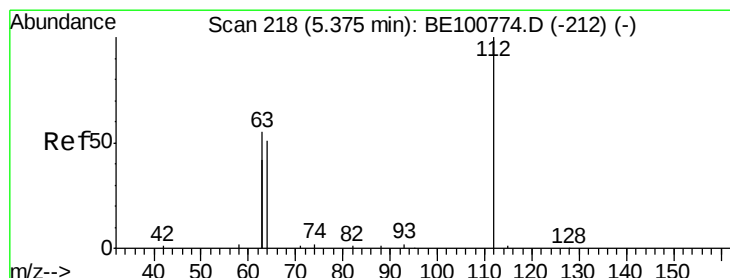
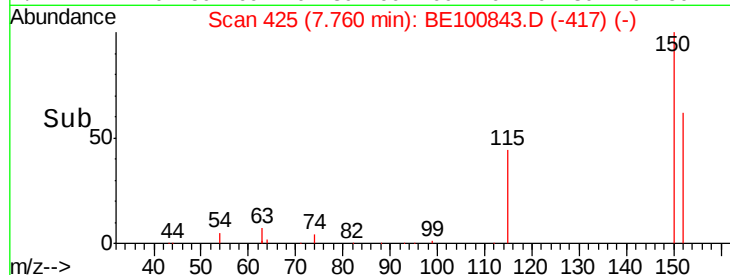
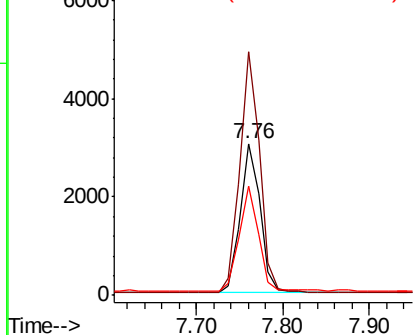
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.76 min Scan# 425
 Delta R.T. -0.01 min
 Lab File: BE100843.D
 Acq: 11 Dec 2019 12:29

Instrument :
 BNA_E
 ClientSampleId :
 PB125330BL

Tot Ion:152 Resp: 4875
 Ion Ratio Lower Upper
 152 100
 150 160.6 120.6 181.0
 115 71.9 47.4 71.2#



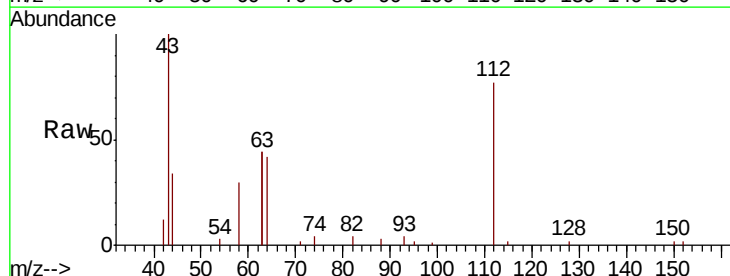
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



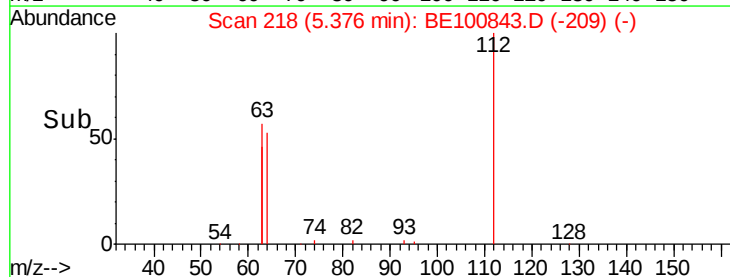
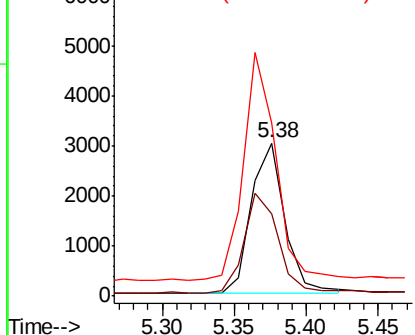
#4

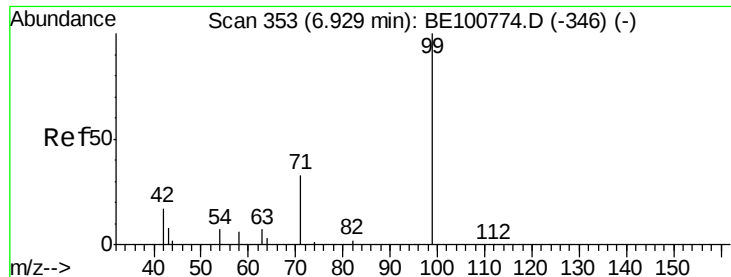
2-Fluorophenol
 Concen: 0.420 ng
 RT: 5.38 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: BE100843.D
 Acq: 11 Dec 2019 12:29

Tgt Ion:112 Resp: 4861
 Ion Ratio Lower Upper
 112 100
 64 67.5 54.1 81.1
 63 145.5 113.2 169.8



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE1
 Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.427 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100843.D

Acq: 11 Dec 2019 12:29

Instrument :

BNA_E

ClientSampleId :

PB125330BL

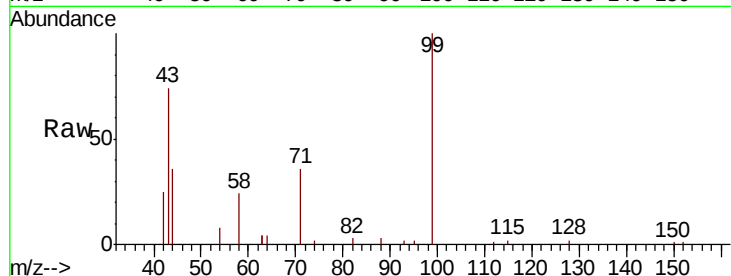
Tot Ion: 99 Resp: 7460

Ion Ratio Lower Upper

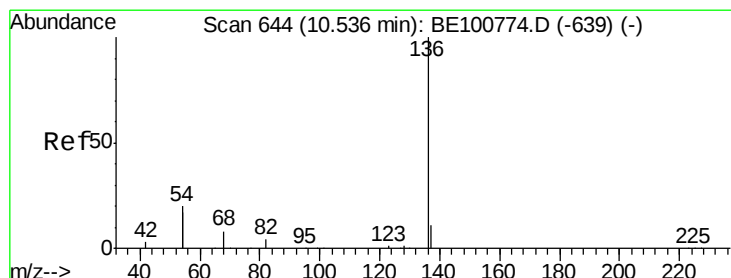
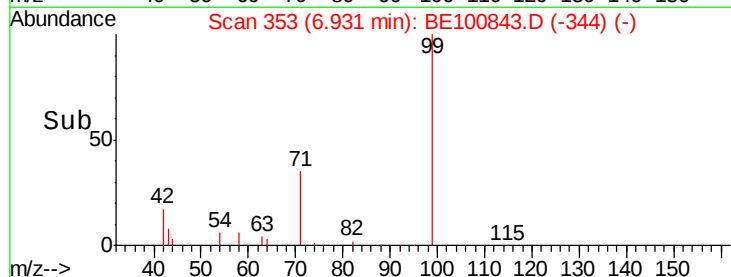
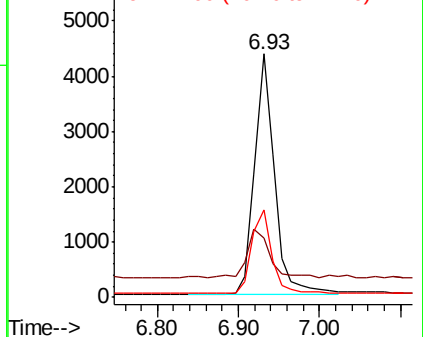
99 100

42 22.6 19.1 28.7

71 35.3 27.7 41.5



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100843.D

Acq: 11 Dec 2019 12:29

Tgt Ion: 136 Resp: 20610

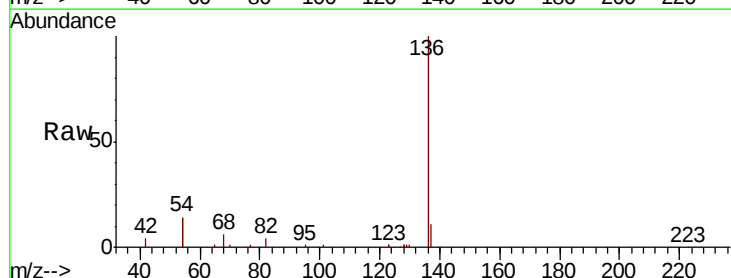
Ion Ratio Lower Upper

136 100

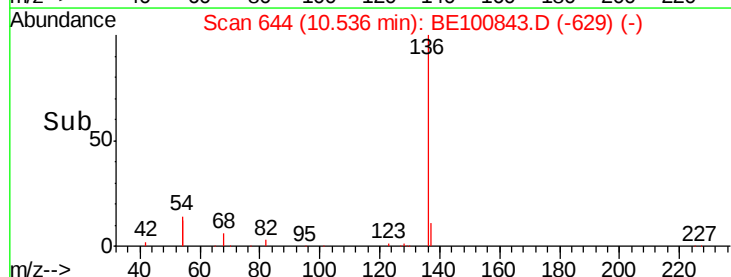
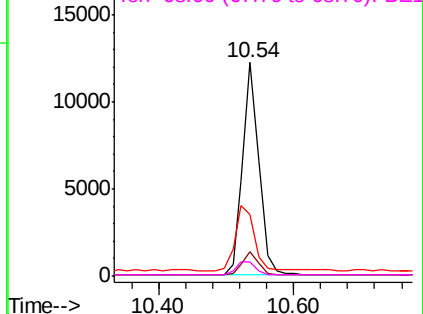
137 11.4 9.4 14.0

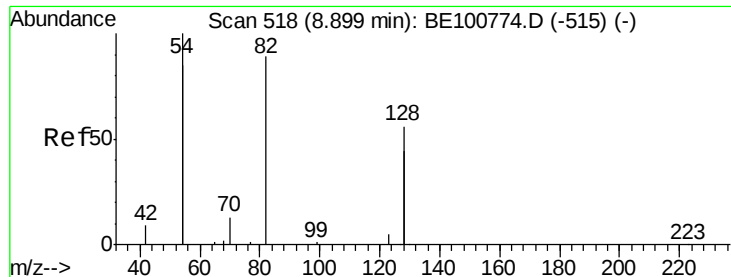
54 28.9 31.1 46.7#

68 6.4 6.6 10.0#



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): BE1
Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.494 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100843.D

Acq: 11 Dec 2019 12:29

Instrument :

BNA_E

ClientSampleId :

PB125330BL

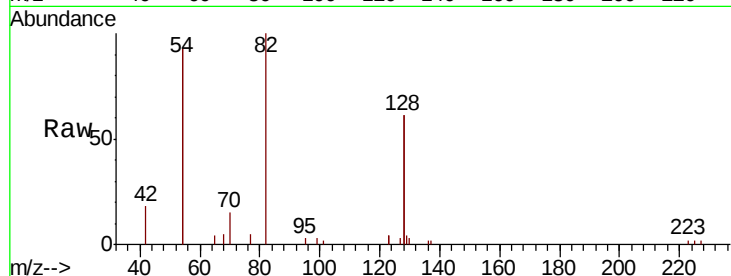
Tot Ion: 82 Resp: 4852

Ion Ratio Lower Upper

82 100

128 122.7 97.0 145.4

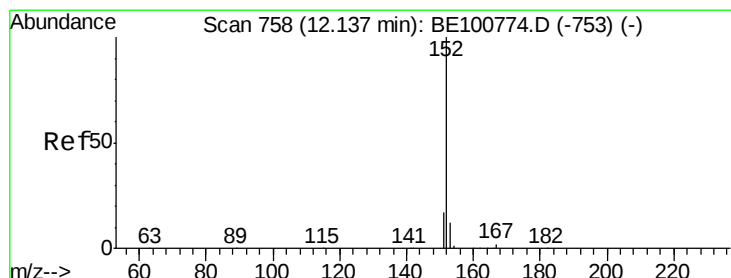
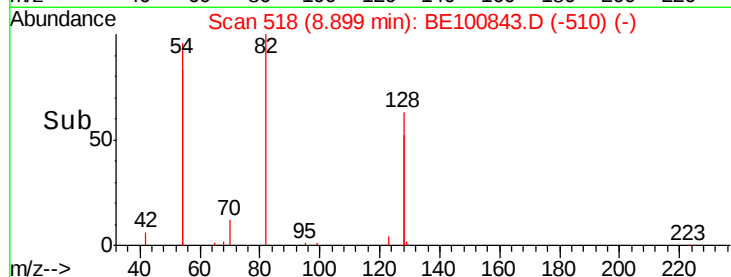
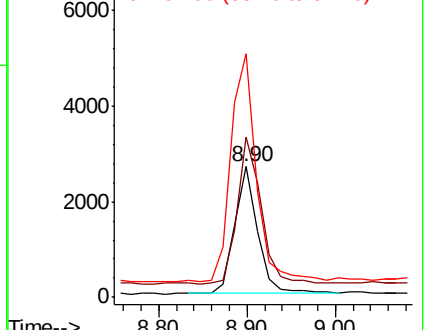
54 186.1 171.8 257.6



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#11

2-Methylnaphthalene-d10

Concen: 0.390 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE100843.D

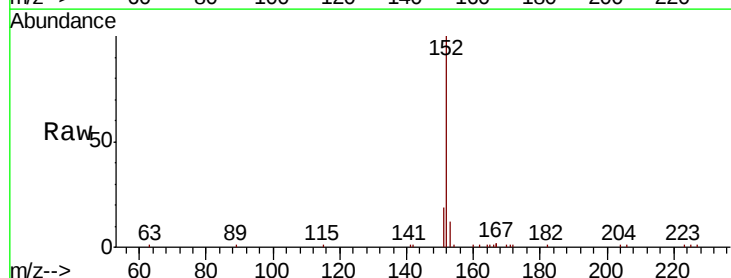
Acq: 11 Dec 2019 12:29

Tgt Ion: 152 Resp: 11653

Ion Ratio Lower Upper

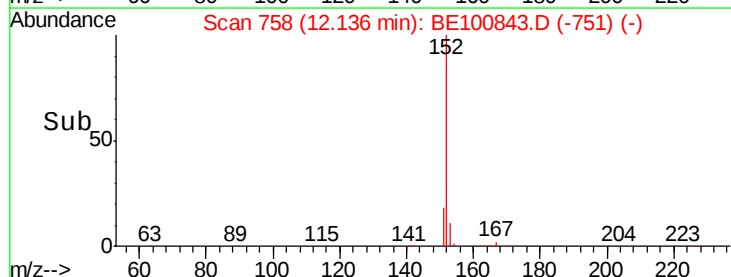
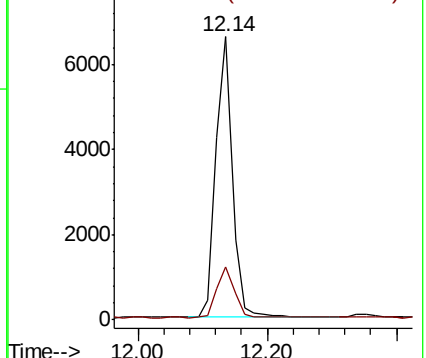
152 100

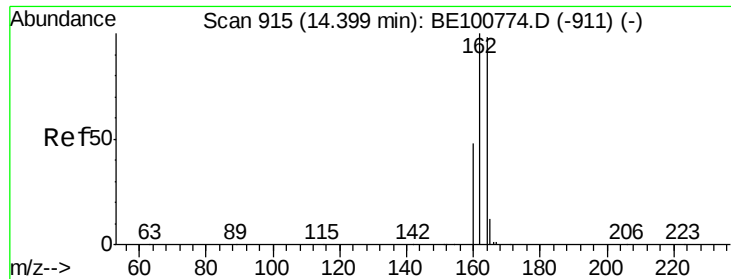
151 19.7 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.40 min Scan# 915

Delta R.T. -0.00 min

Lab File: BE100843.D

Acq: 11 Dec 2019 12:29

Instrument :

BNA_E

ClientSampleId :

PB125330BL

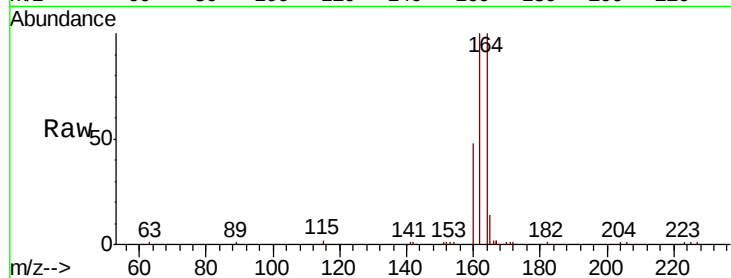
Tot Ion:164 Resp: 10052

Ion Ratio Lower Upper

164 100

162 99.9 81.4 122.0

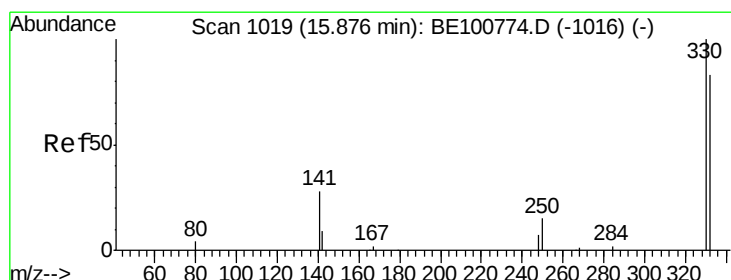
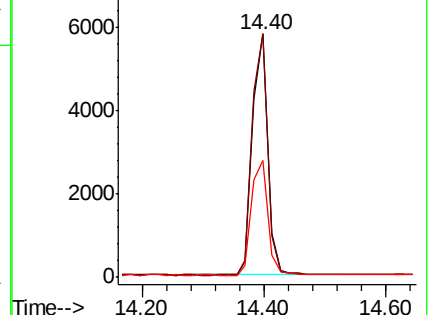
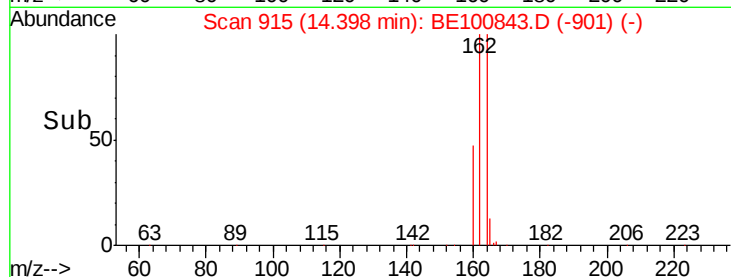
160 47.9 39.4 59.0



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: 0.489 ng

RT: 15.88 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE100843.D

Acq: 11 Dec 2019 12:29

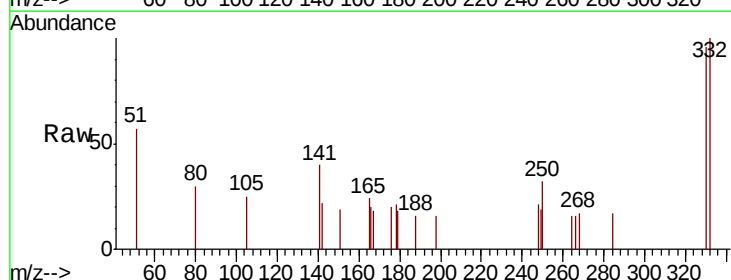
Tgt Ion:330 Resp: 547

Ion Ratio Lower Upper

330 100

332 100.2 69.4 104.2

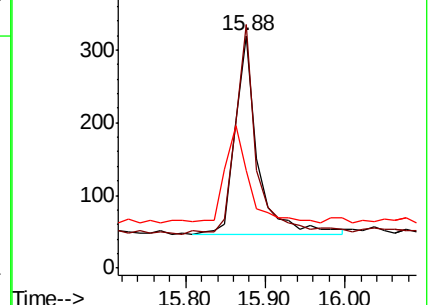
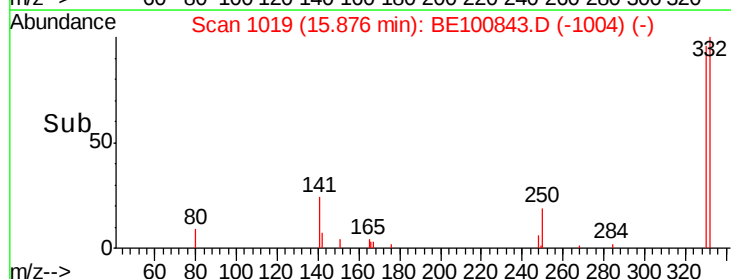
141 50.6 51.1 76.7#

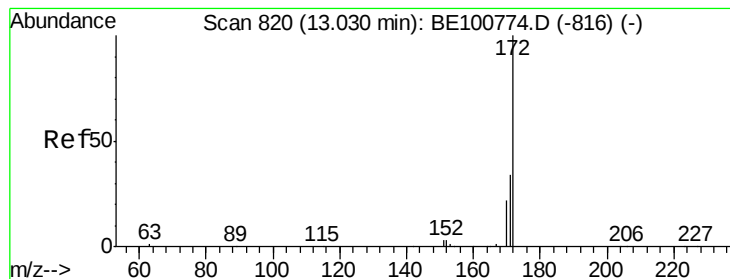


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.391 ng

RT: 13.02 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE100843.D

Acq: 11 Dec 2019 12:29

Instrument :

BNA_E

ClientSampleId :

PB125330BL

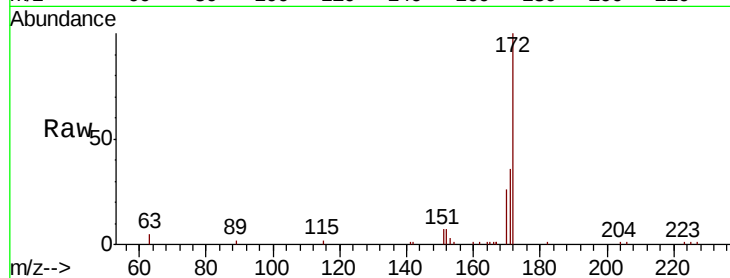
Tot Ion:172 Resp: 15589

Ion Ratio Lower Upper

172 100

171 35.7 27.2 40.8

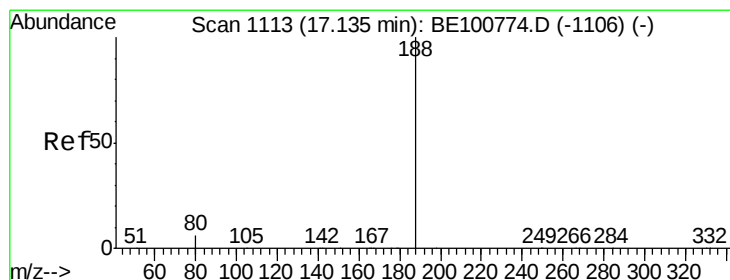
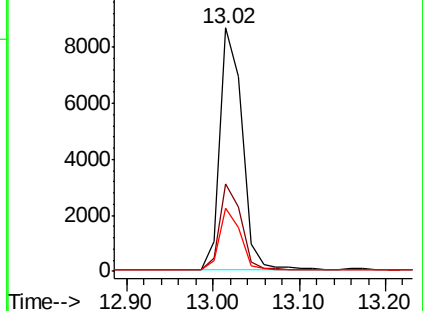
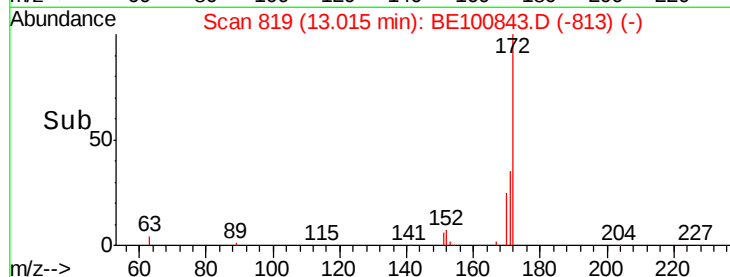
170 25.7 18.0 27.0



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: 17.12 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BE100843.D

Acq: 11 Dec 2019 12:29

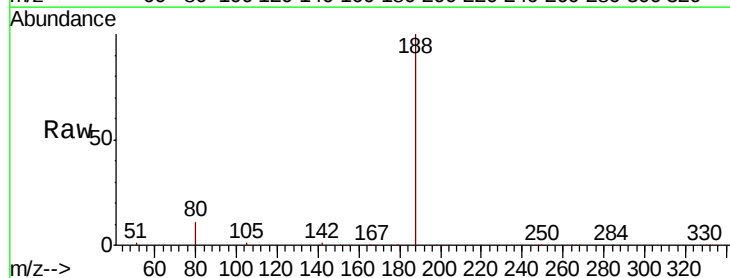
Tgt Ion:188 Resp: 24266

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

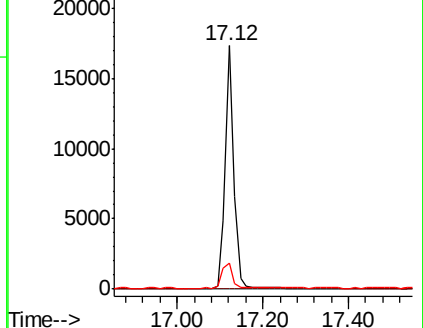
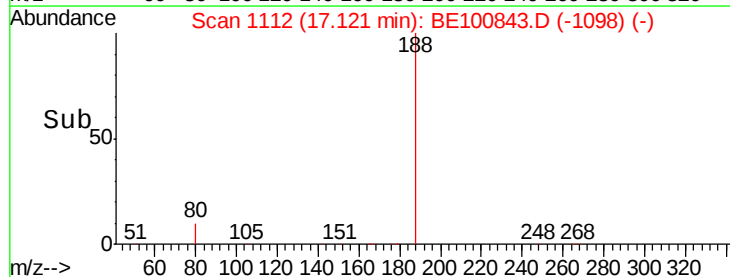
80 10.5 5.2 7.8#

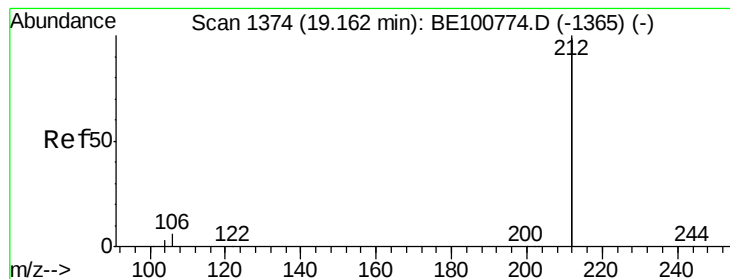


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





#25

Fluoranthene-d10

Concen: 0.352 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100843.D

Acq: 11 Dec 2019 12:29

Instrument :

BNA_E

ClientSampleId :

PB125330BL

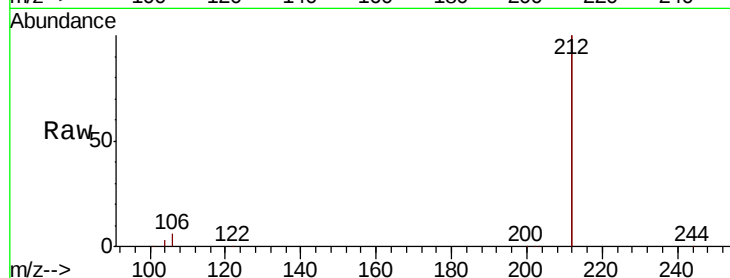
Tot Ion:212 Resp: 100812

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

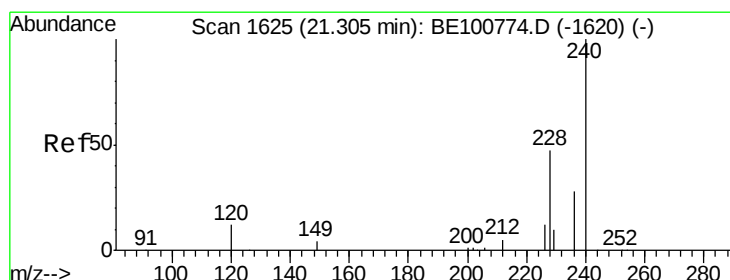
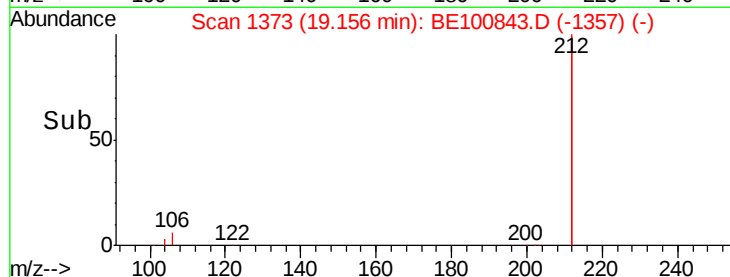
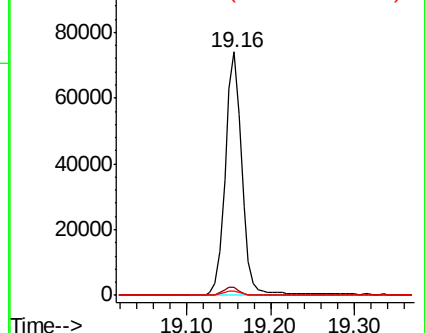
104 1.8 1.4 2.2



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: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE100843.D

Acq: 11 Dec 2019 12:29

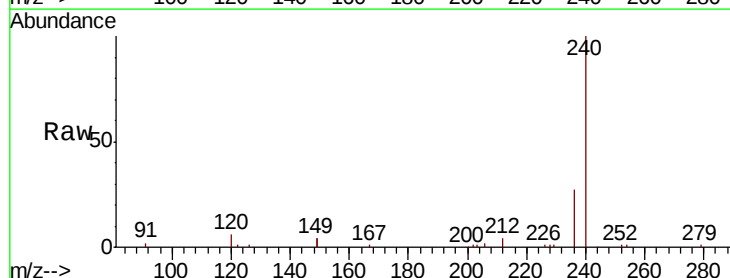
Tgt Ion:240 Resp: 18609

Ion Ratio Lower Upper

240 100

120 5.8 10.2 15.2#

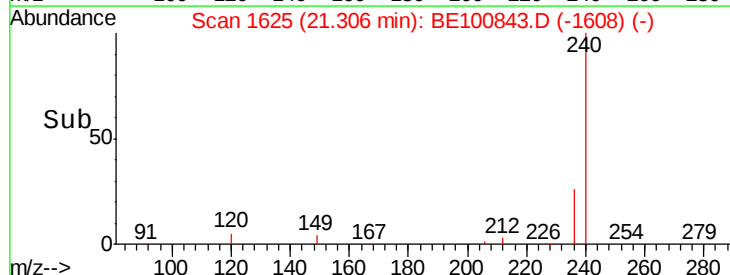
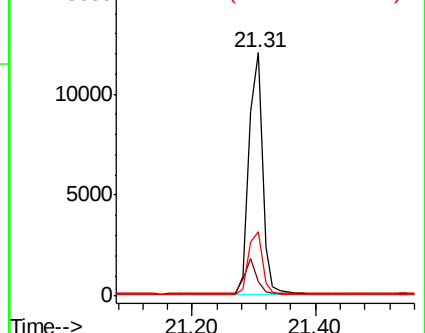
236 26.6 22.3 33.5

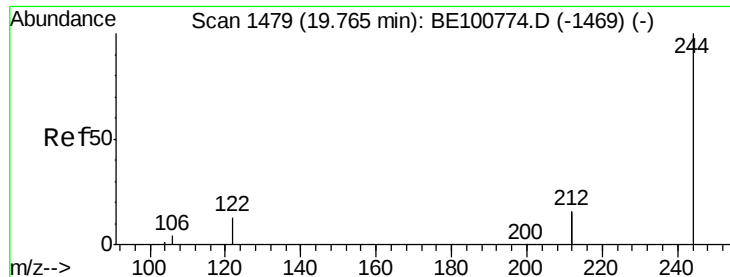


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.424 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BE100843.D

Acq: 11 Dec 2019 12:29

Instrument :

BNA_E

ClientSampleId :

PB125330BL

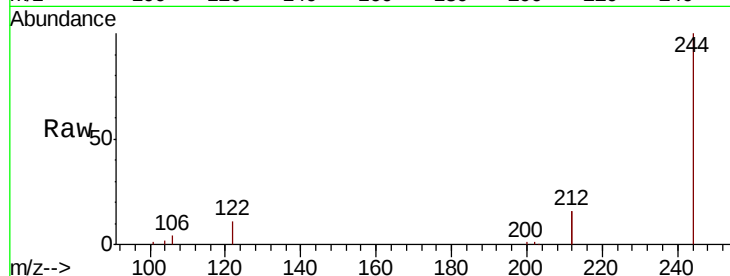
Tot Ion:244 Resp: 18900

Ion Ratio Lower Upper

244 100

212 31.8 26.2 39.4

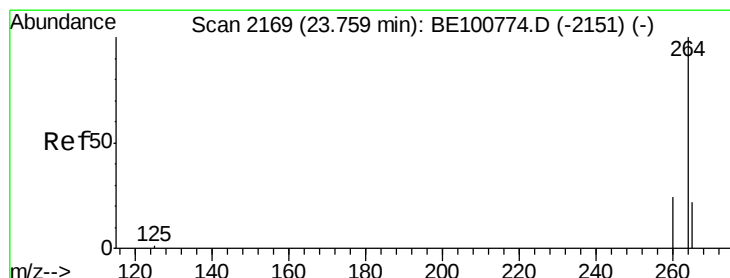
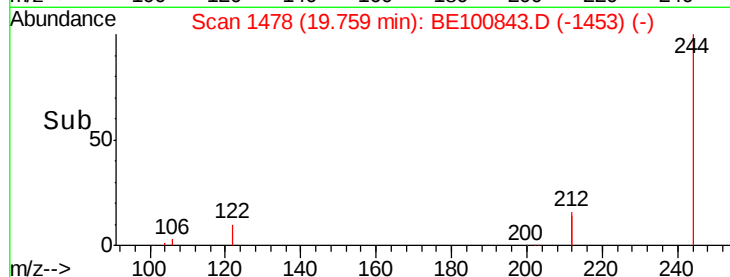
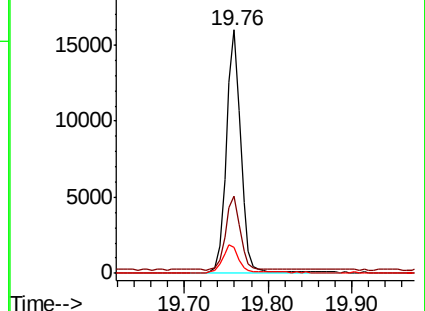
122 10.6 10.2 15.4



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: 23.74 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BE100843.D

Acq: 11 Dec 2019 12:29

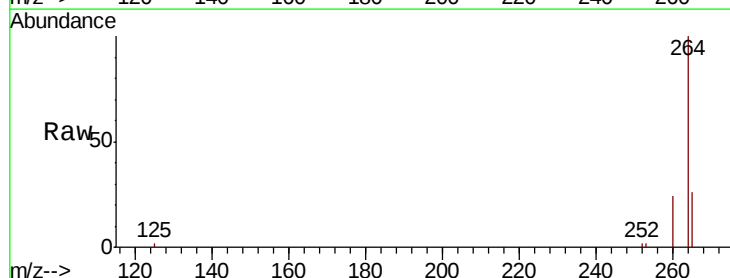
Tgt Ion:264 Resp: 20566

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 26.2 21.8 32.8



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

