

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE110718\
 Data File : BE098170.D
 Acq On : 7 Nov 2018 12:47
 Operator : SJ/JU
 Sample : J5820-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS043081

Quant Time: Nov 07 16:44:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE110118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 13:00:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	862	0.40	ng	-0.01
7) Naphthalene-d8	10.67	136	4349	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2942	0.40	ng	-0.01
19) Phenanthrene-d10	17.28	188	7235	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8085	0.40	ng	0.00
34) Perylene-d12	24.02	264	7616	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	566	0.22	ng	0.00
5) Phenol-d6	7.04	99	504	0.12	ng	-0.01
8) Nitrobenzene-d5	9.03	82	1735	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	2834	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	525	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	5485	0.45	ng	0.00
25) Fluoranthene-d10	19.32	212	35629	0.38	ng	0.00
29) Terphenyl-d14	19.91	244	18973	1.01	ng	0.00

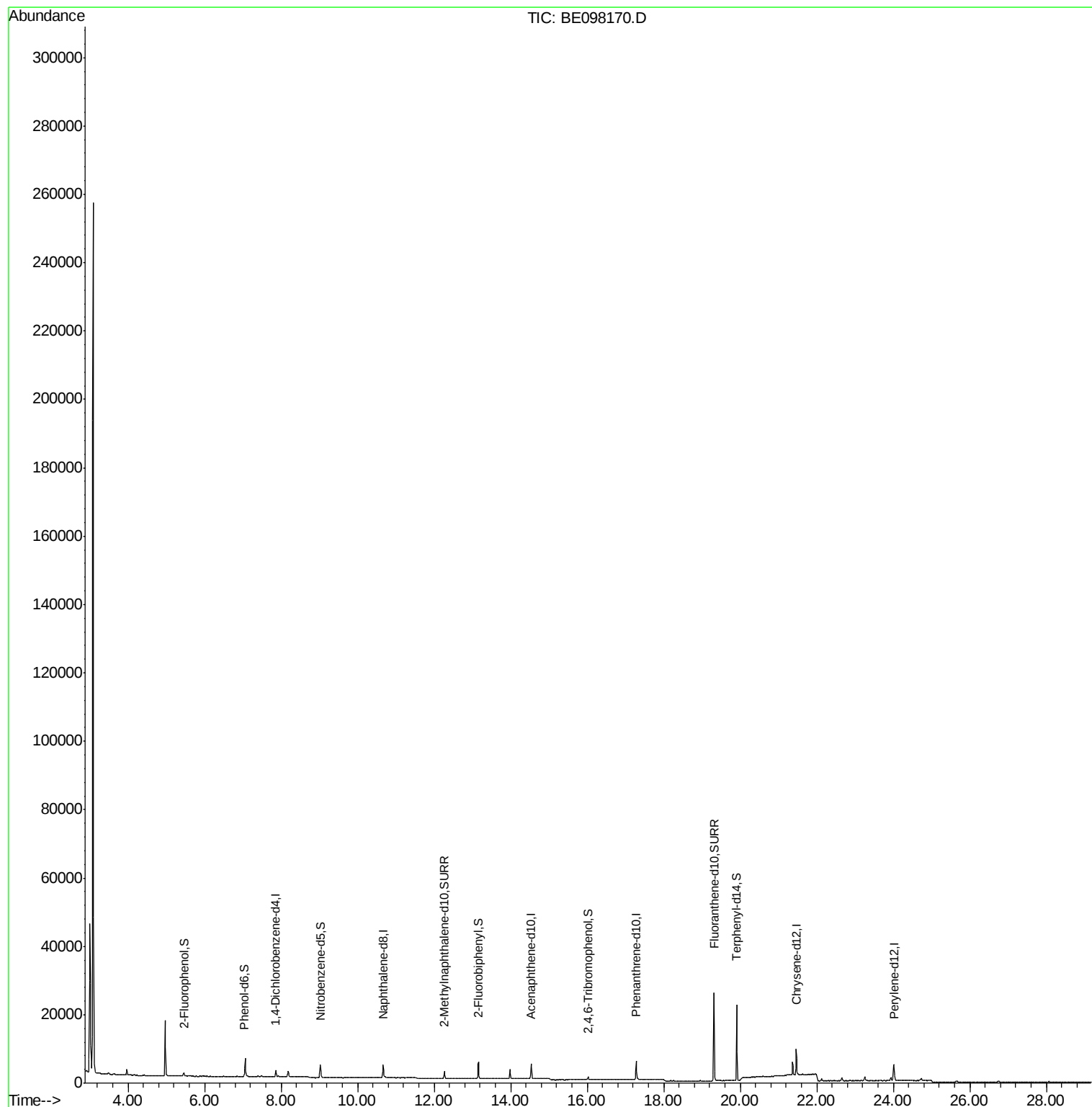
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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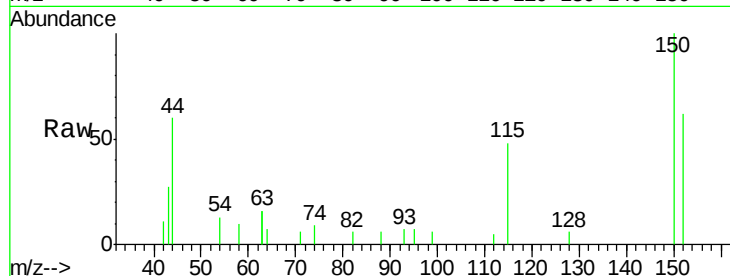


#1

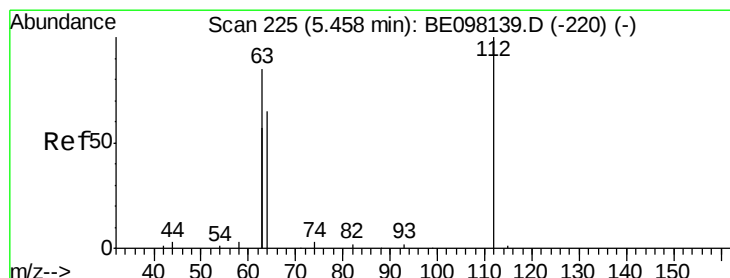
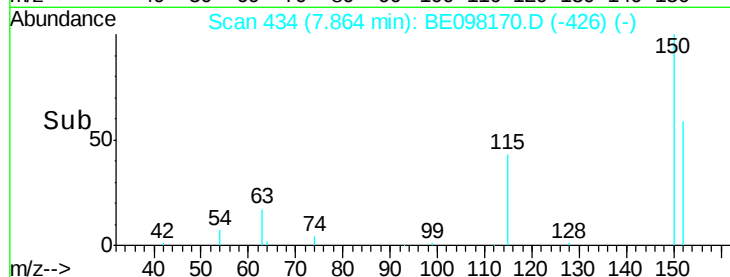
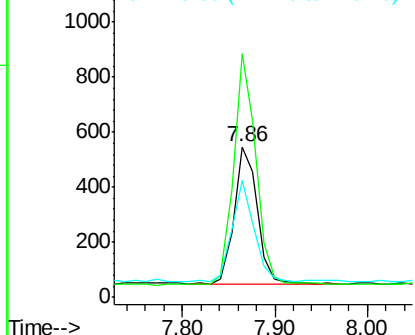
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.01 min
Lab File: BE098170.D
Acq: 7 Nov 2018 12:47

Instrument :
BNA_E
ClientSampleId :
CPS043081

Tgt Ion:152 Resp: 862
Ion Ratio Lower Upper
152 100
150 162.1 118.2 177.4
115 77.5 50.9 76.3#



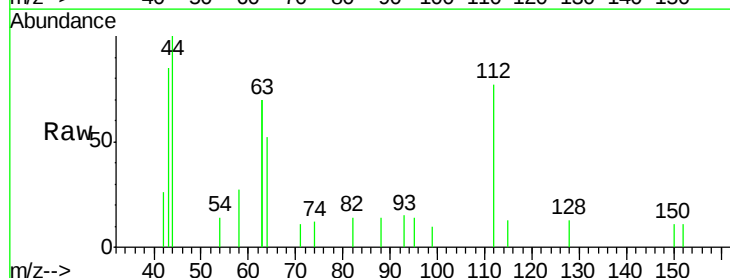
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



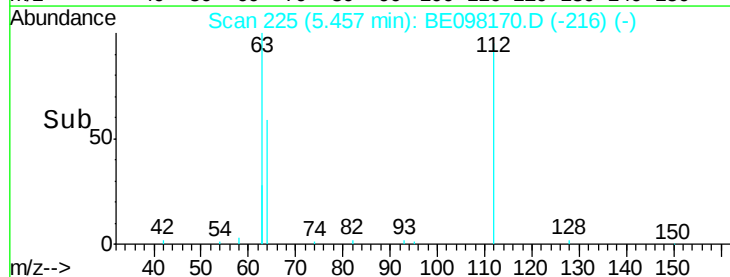
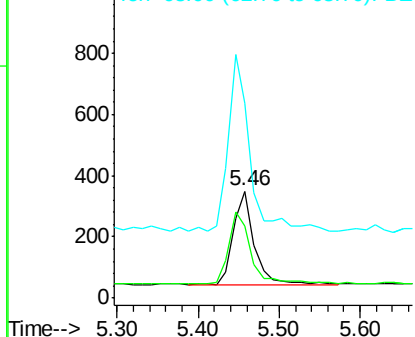
#4

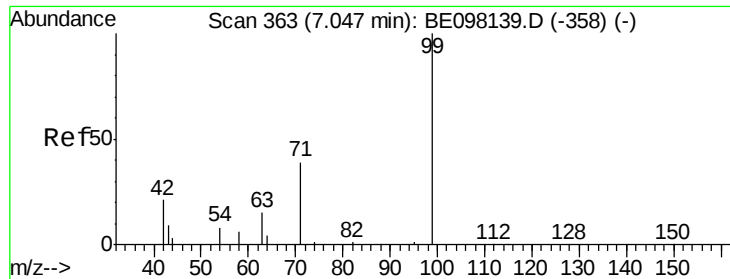
2-Fluorophenol
Concen: 0.221 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE098170.D
Acq: 7 Nov 2018 12:47

Tgt Ion:112 Resp: 566
Ion Ratio Lower Upper
112 100
64 78.1 58.9 88.3
63 187.8 120.3 180.5#



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: 0.120 ng

RT: 7.04 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098170.D

Acq: 7 Nov 2018 12:47

Instrument :

BNA_E

ClientSampleId :

CPS043081

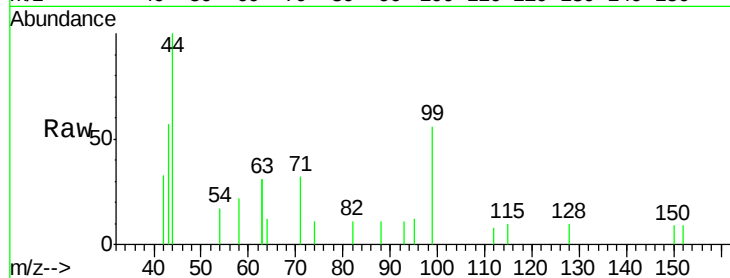
Tgt Ion: 99 Resp: 504

Ion Ratio Lower Upper

99 100

42 0.0 19.9 29.9#

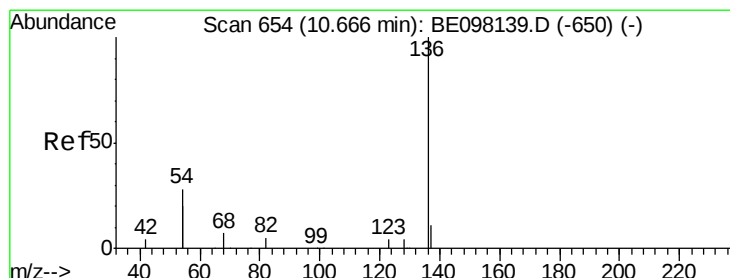
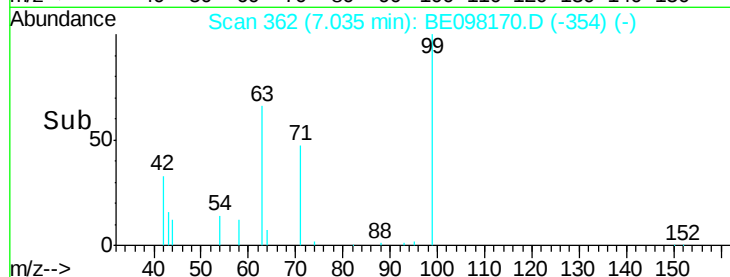
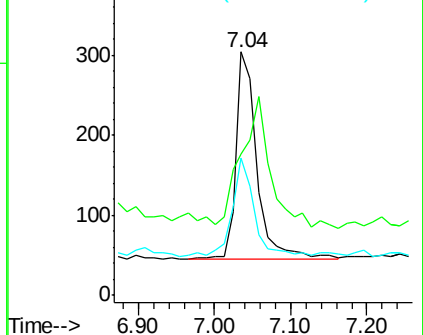
71 51.8 27.8 41.8#



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: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098170.D

Acq: 7 Nov 2018 12:47

Tgt Ion: 136 Resp: 4349

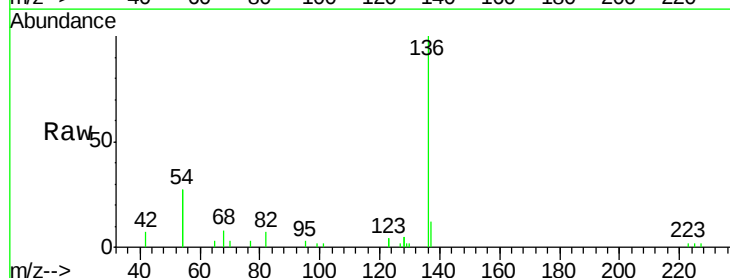
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 54.6 27.7 41.5#

68 8.3 5.3 7.9#

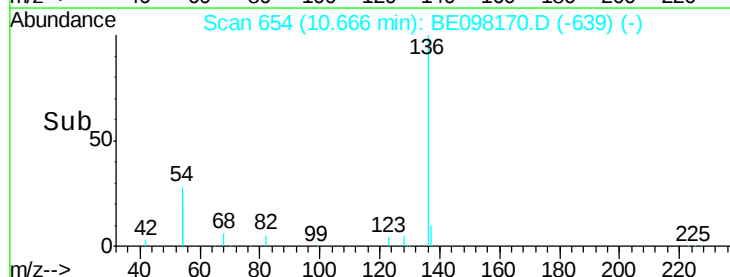
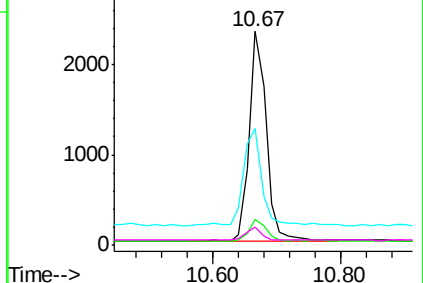


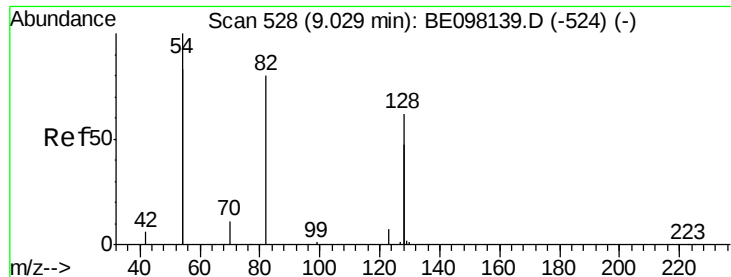
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.372 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.00 min

Lab File: BE098170.D

Acq: 7 Nov 2018 12:47

Instrument :

BNA_E

ClientSampleId :

CPS043081

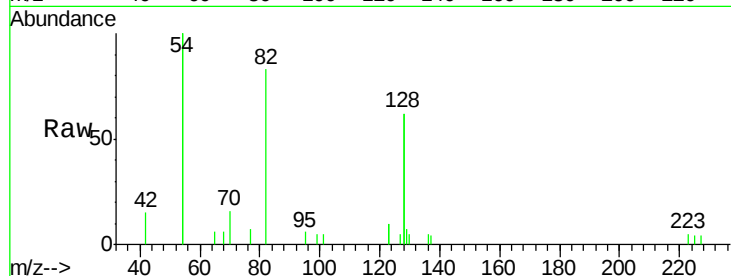
Tgt Ion: 82 Resp: 1735

Ion Ratio Lower Upper

82 100

128 151.1 129.9 194.9

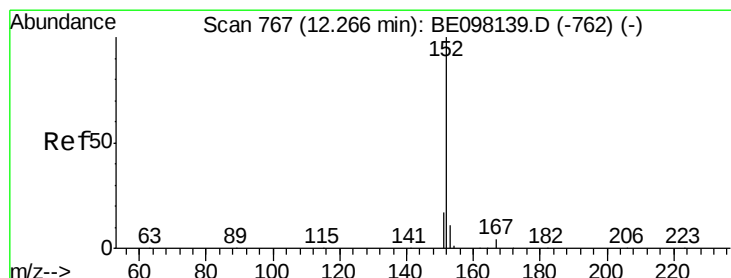
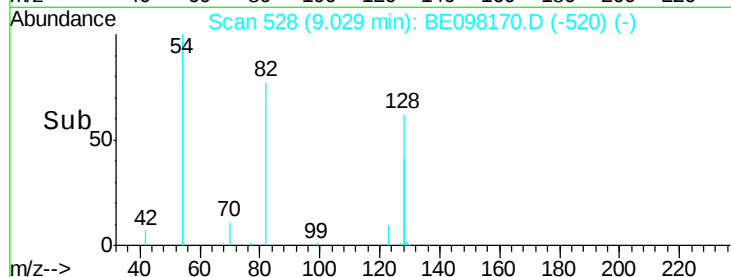
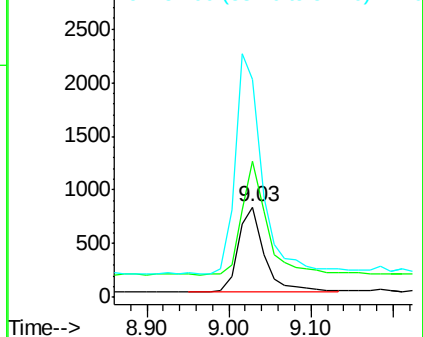
54 242.2 174.0 261.0



Abundance Ion 82.00 (81.70 to 82.70): BE098170.D (-520) (-)

Ion 128.00 (127.70 to 128.70): BE098170.D (-520) (-)

Ion 54.00 (53.70 to 54.70): BE098170.D (-520) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.370 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098170.D

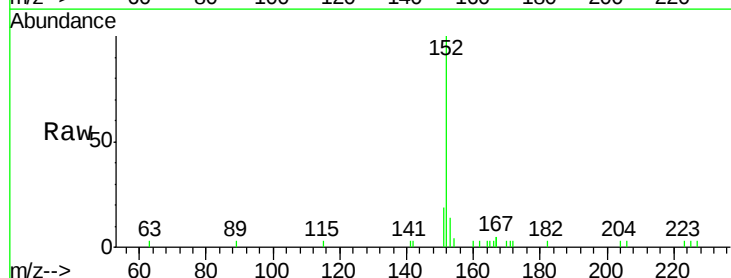
Acq: 7 Nov 2018 12:47

Tgt Ion: 152 Resp: 2834

Ion Ratio Lower Upper

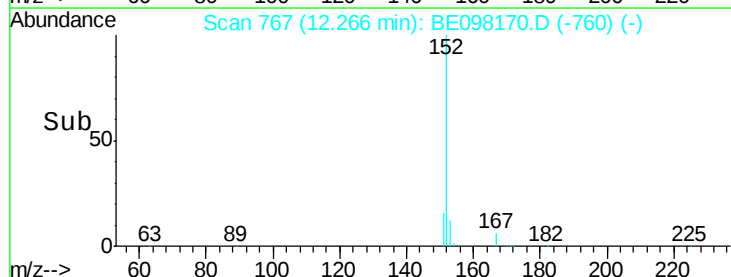
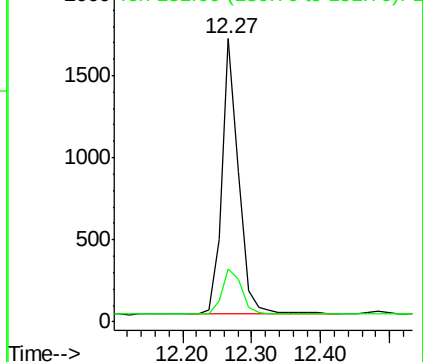
152 100

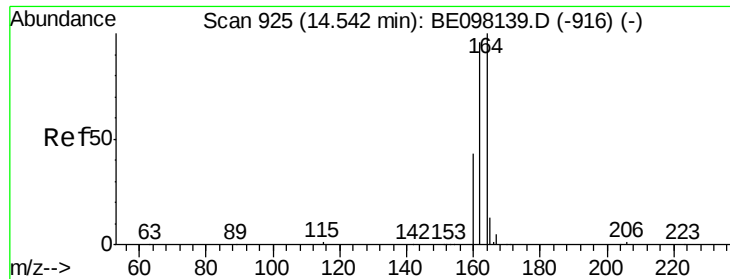
151 19.8 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): BE098170.D (-760) (-)

Ion 151.00 (150.70 to 151.70): BE098170.D (-760) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.01 min

Lab File: BE098170.D

Acq: 7 Nov 2018 12:47

Instrument :

BNA_E

ClientSampleId :

CPS043081

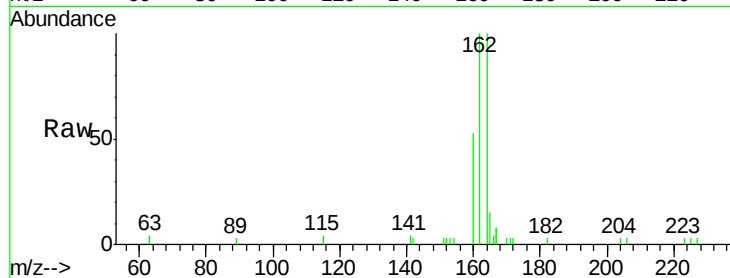
Tgt Ion:164 Resp: 2942

Ion Ratio Lower Upper

164 100

162 99.6 77.4 116.2

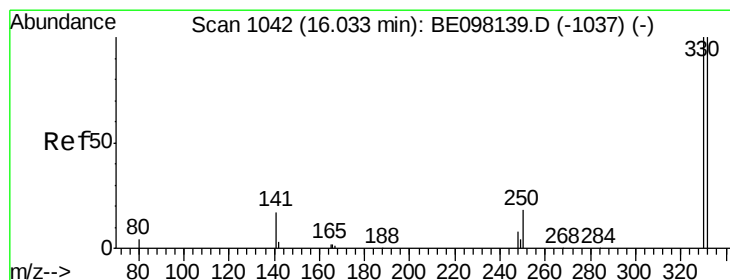
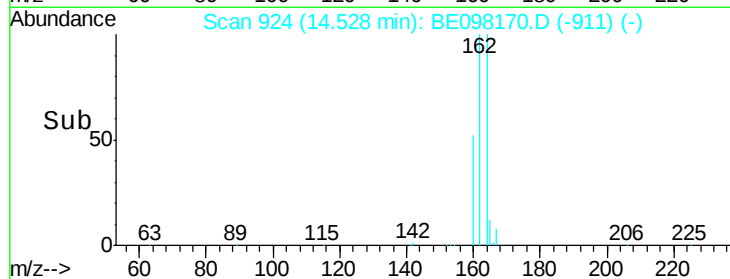
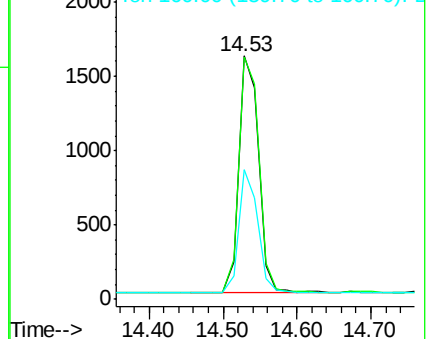
160 53.1 36.5 54.7



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: 0.377 ng

RT: 16.03 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BE098170.D

Acq: 7 Nov 2018 12:47

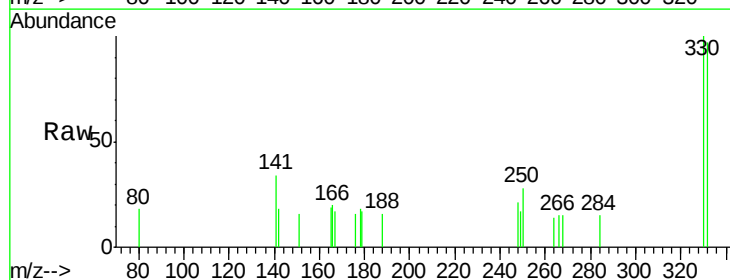
Tgt Ion:330 Resp: 525

Ion Ratio Lower Upper

330 100

332 104.0 76.5 114.7

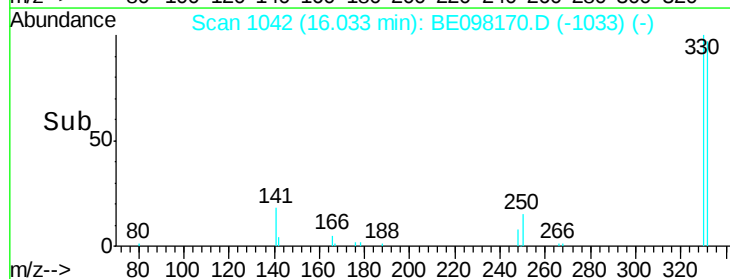
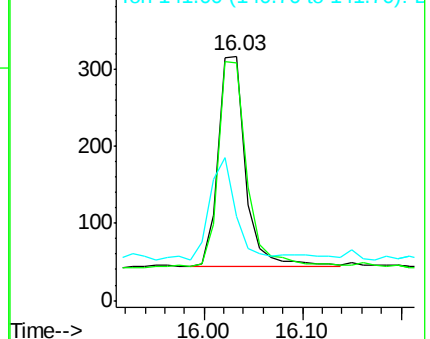
141 42.3 31.8 47.6

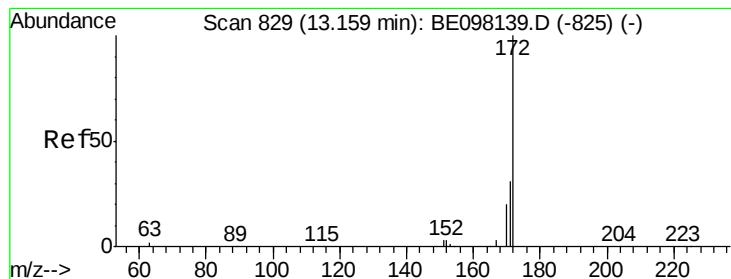


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.453 ng

RT: 13.16 min Scan# 829

Delta R.T. 0.00 min

Lab File: BE098170.D

Acq: 7 Nov 2018 12:47

Instrument :

BNA_E

ClientSampleId :

CPS043081

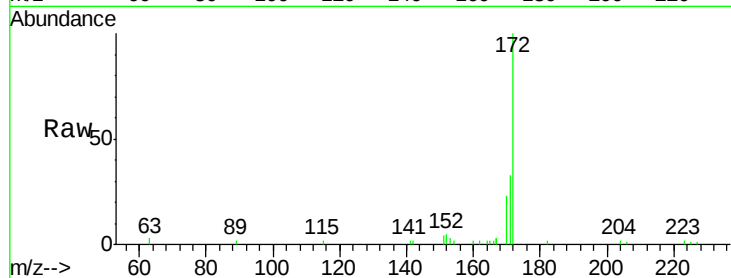
Tgt Ion:172 Resp: 5485

Ion Ratio Lower Upper

172 100

171 33.2 26.0 39.0

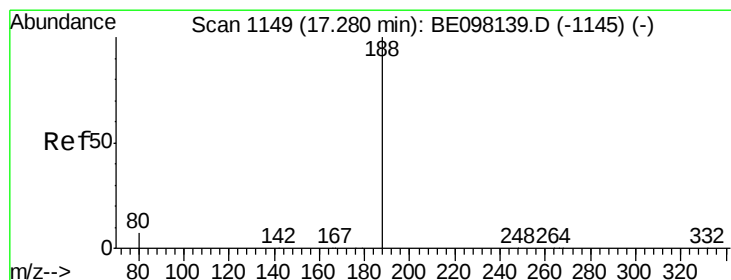
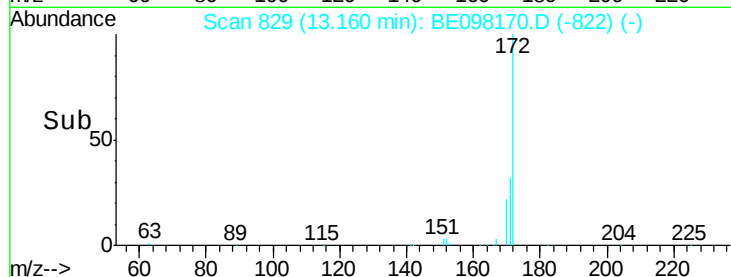
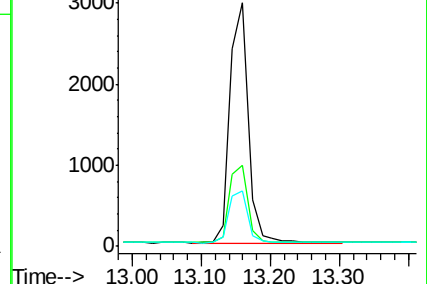
170 22.9 18.0 27.0



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: 17.28 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BE098170.D

Acq: 7 Nov 2018 12:47

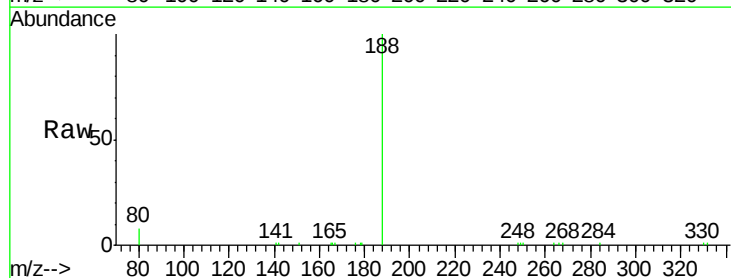
Tgt Ion:188 Resp: 7235

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

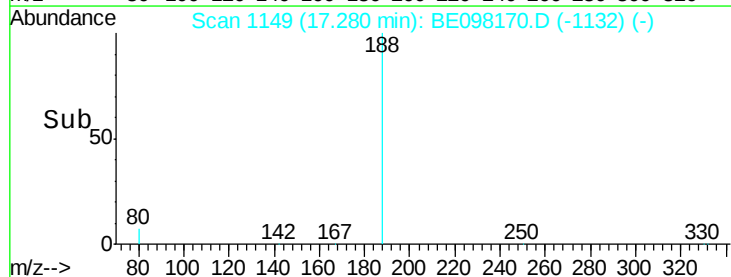
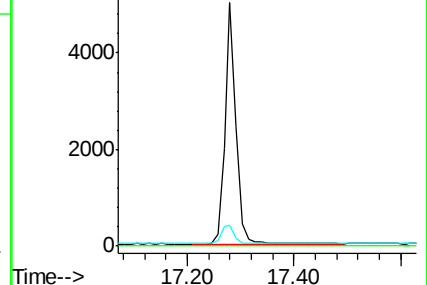
80 8.3 6.3 9.5

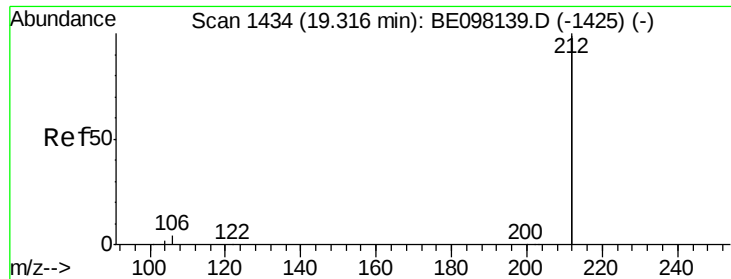


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.382 ng

RT: 19.32 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BE098170.D

Acq: 7 Nov 2018 12:47

Instrument :

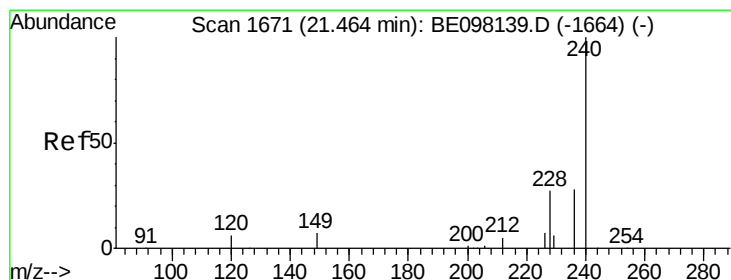
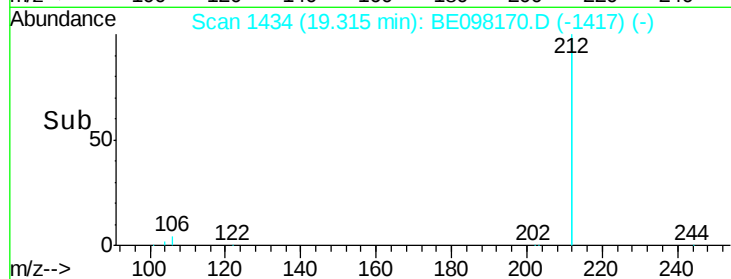
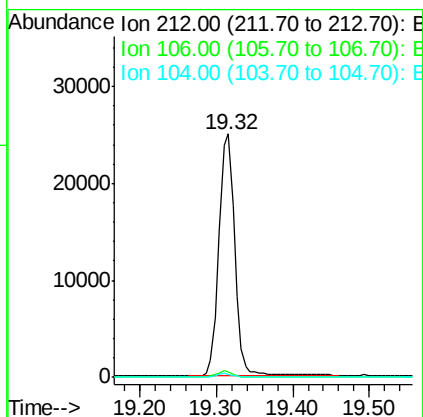
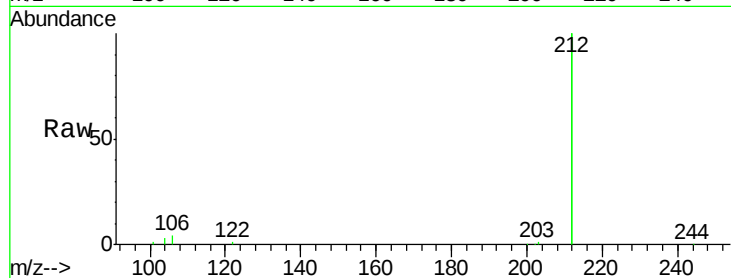
BNA_E

ClientSampleId :

CPS043081

Tgt Ion:212 Resp: 35629

Ion	Ratio	Lower	Upper
212	100		
106	2.2	2.3	3.5#
104	1.3	1.3	1.9#



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

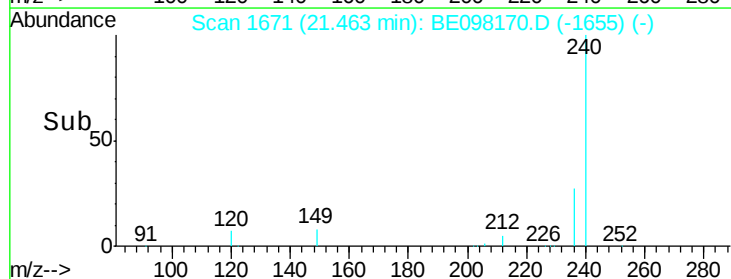
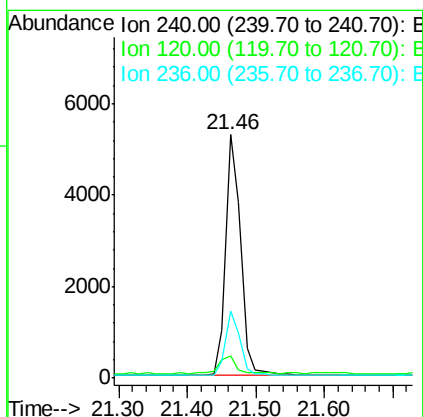
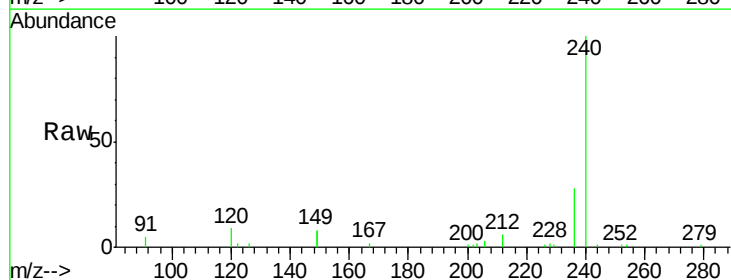
Delta R.T. -0.00 min

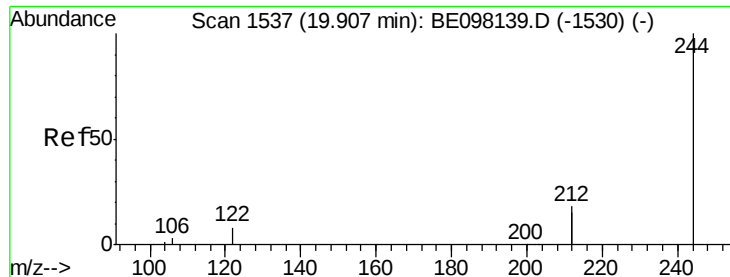
Lab File: BE098170.D

Acq: 7 Nov 2018 12:47

Tgt Ion:240 Resp: 8085

Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.1	10.7
236	27.6	21.3	31.9





#29

Terphenyl-d14

Concen: 1.009 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098170.D

Acq: 7 Nov 2018 12:47

Instrument :

BNA_E

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CPS043081

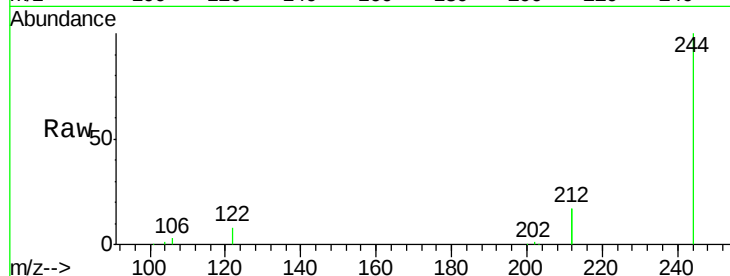
Tgt Ion:244 Resp: 18973

Ion Ratio Lower Upper

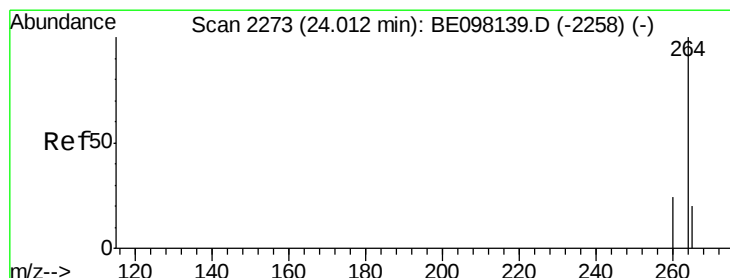
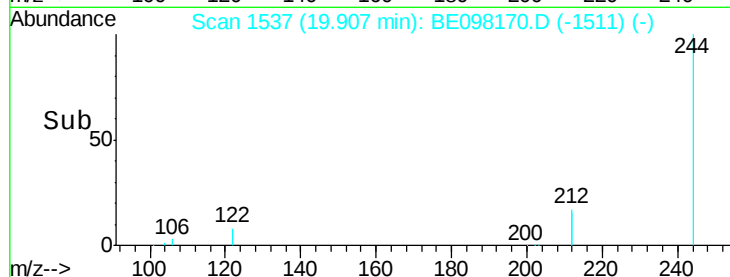
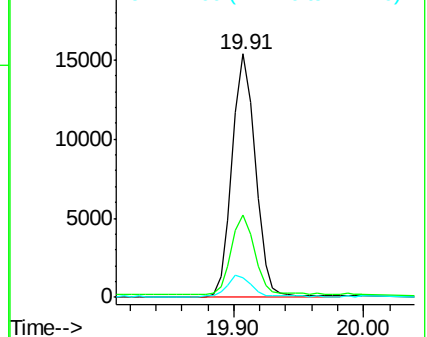
244 100

212 33.8 26.2 39.2

122 8.1 7.7 11.5



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: 24.02 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BE098170.D

Acq: 7 Nov 2018 12:47

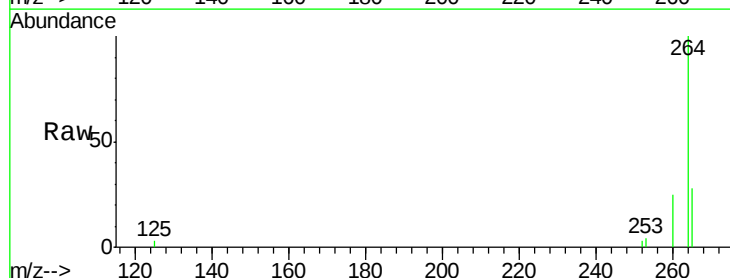
Tgt Ion:264 Resp: 7616

Ion Ratio Lower Upper

264 100

260 25.4 21.1 31.7

265 28.4 29.2 43.8#



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

