

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE110518\
 Data File : BE098158.D
 Acq On : 5 Nov 2018 12:52
 Operator : SJ/JU
 Sample : J5769-22
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FB-10-31-18

Quant Time: Nov 05 16:14:49 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	7.87	152	1028	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4824	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	3248	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7987	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8869	0.40	ng	0.00
34) Perylene-d12	24.02	264	8642	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	502	0.16	ng	0.00
5) Phenol-d6	7.04	99	491	0.10	ng	0.00
8) Nitrobenzene-d5	9.03	82	1536	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	2790	0.33	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	460	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	5563	0.42	ng	0.00
25) Fluoranthene-d10	19.31	212	33895	0.33	ng	0.00
29) Terphenyl-d14	19.91	244	8347	0.40	ng	0.00

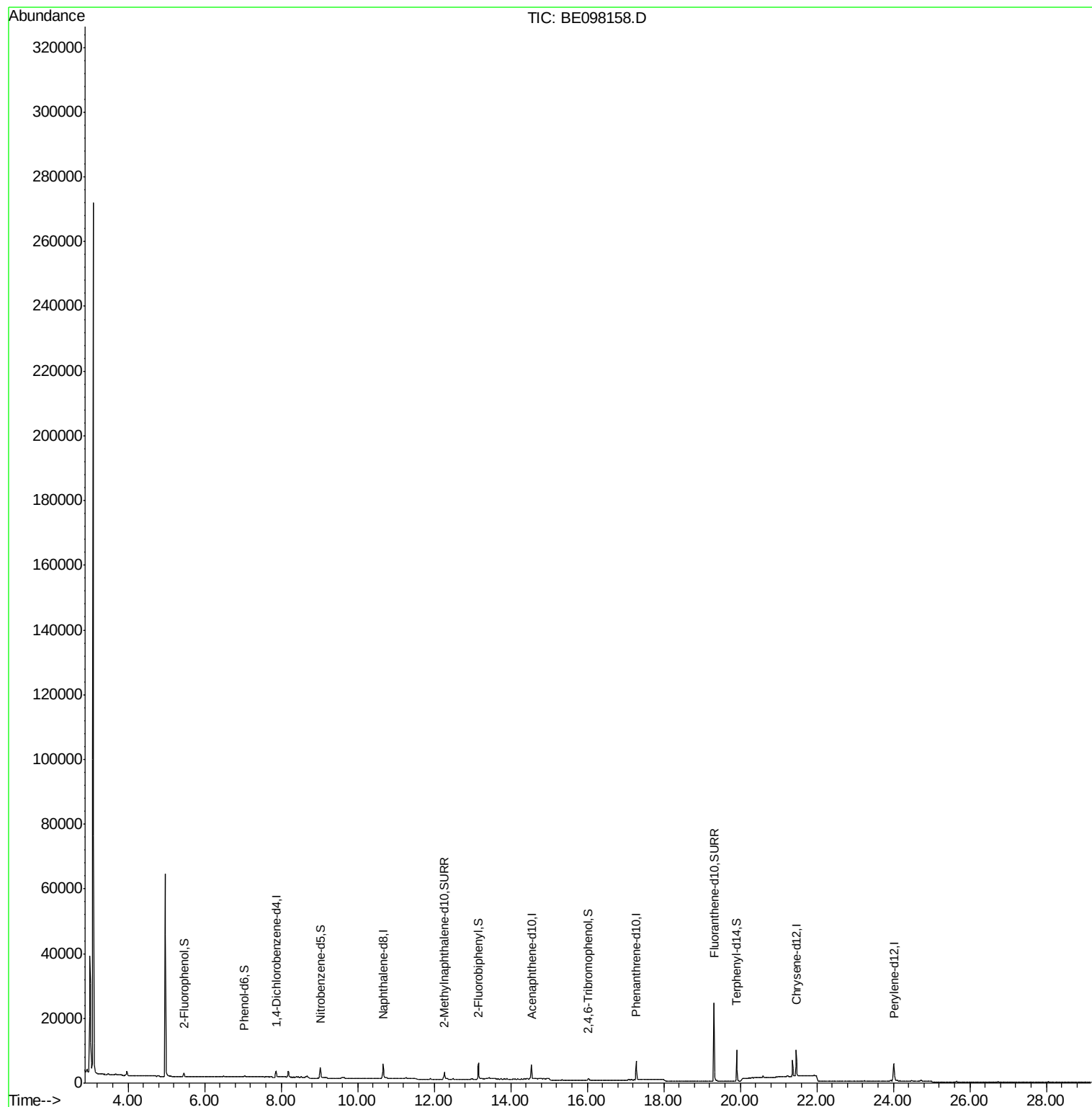
Target Compounds	Qvalue
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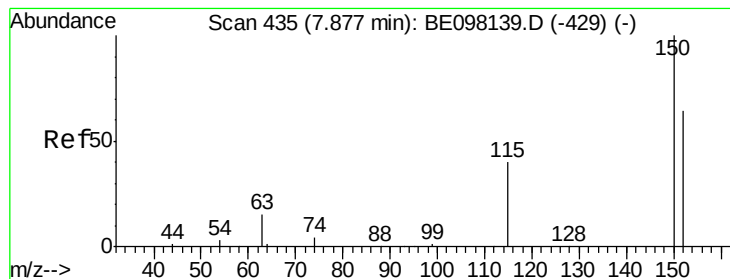
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.87 min Scan# 435

Delta R.T. -0.00 min

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Acq: 5 Nov 2018 12:52

Instrument :

BNA_E

ClientSampleId :

FB-10-31-18

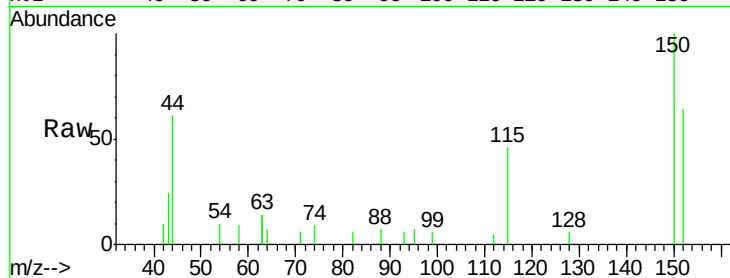
Tgt Ion:152 Resp: 1028

Ion Ratio Lower Upper

152 100

150 155.1 118.2 177.4

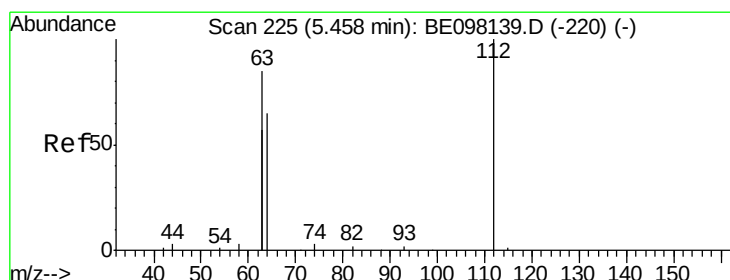
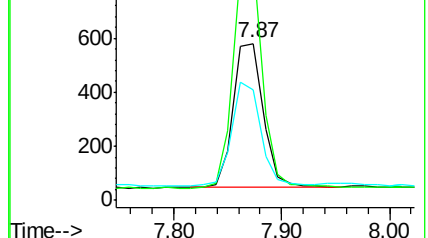
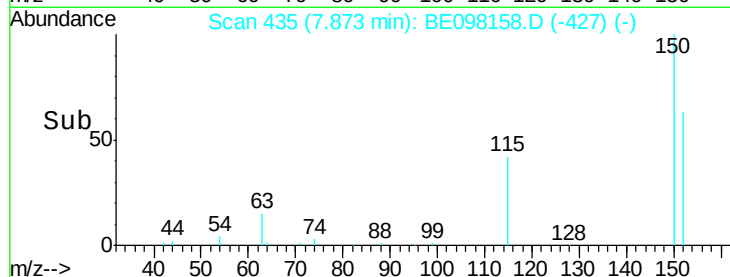
115 70.6 50.9 76.3



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: 0.165 ng

RT: 5.45 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098158.D

Acq: 5 Nov 2018 12:52

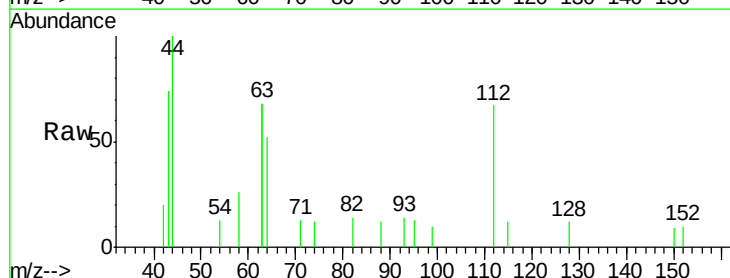
Tgt Ion:112 Resp: 502

Ion Ratio Lower Upper

112 100

64 78.3 58.9 88.3

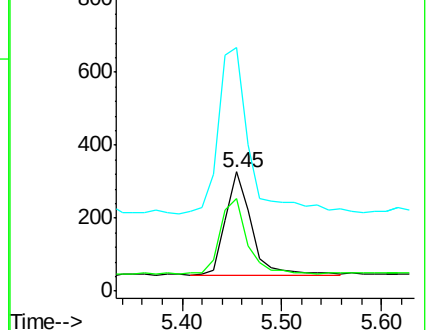
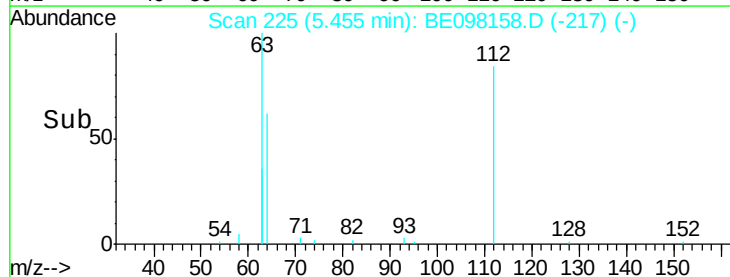
63 197.4 120.3 180.5#

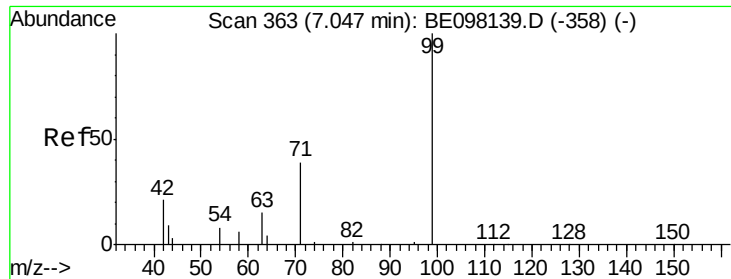


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.098 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098158.D

Acq: 5 Nov 2018 12:52

Instrument :

BNA_E

ClientSampleId :

FB-10-31-18

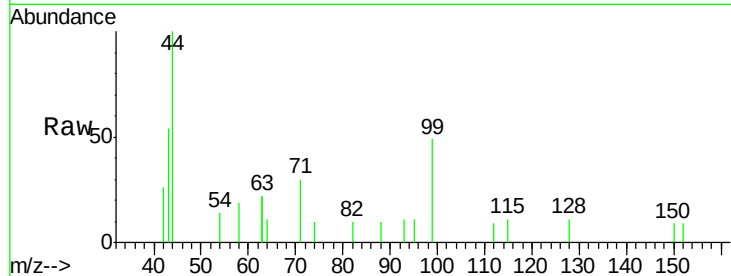
Tgt Ion: 99 Resp: 491

Ion Ratio Lower Upper

99 100

42 33.0 19.9 29.9#

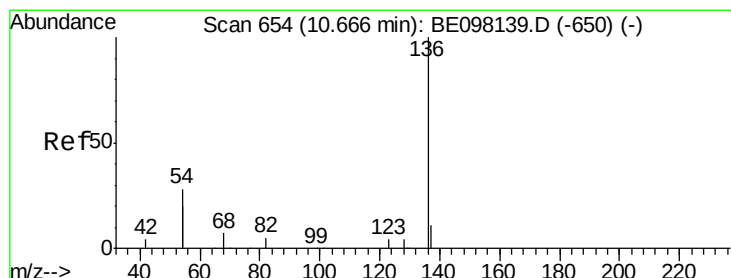
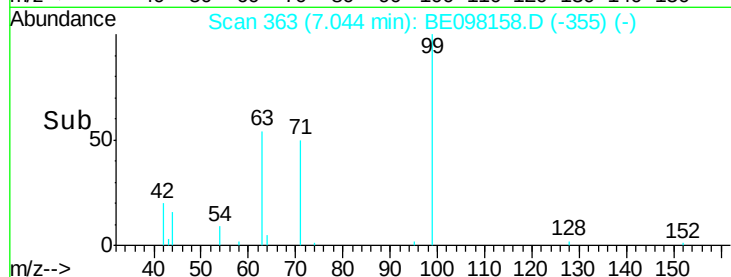
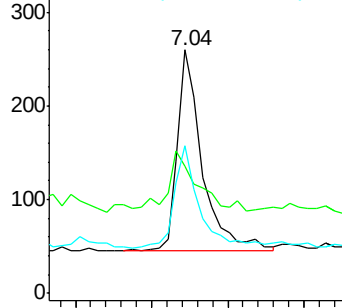
71 51.9 27.8 41.8#



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: BE098158.D

Acq: 5 Nov 2018 12:52

Tgt Ion: 136 Resp: 4824

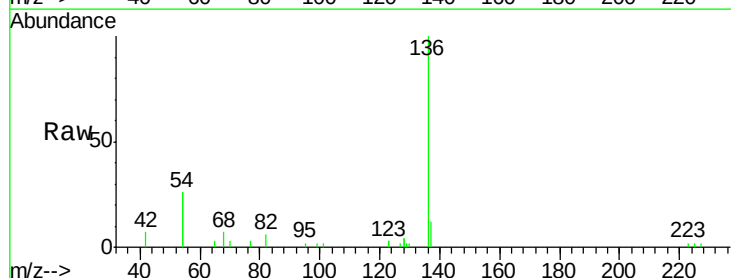
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 51.8 27.7 41.5#

68 7.3 5.3 7.9

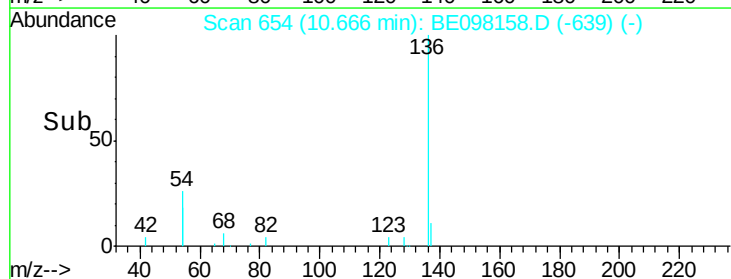
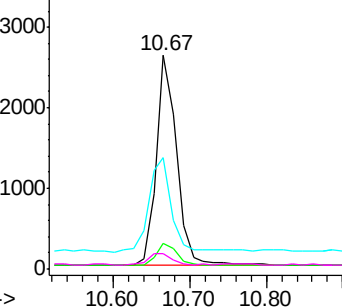


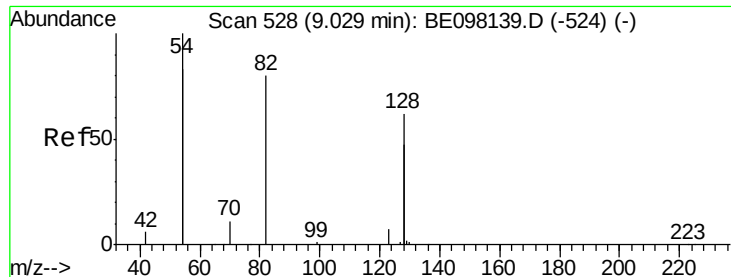
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.297 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.00 min

Lab File: BE098158.D

Acq: 5 Nov 2018 12:52

Instrument :

BNA_E

ClientSampleId :

FB-10-31-18

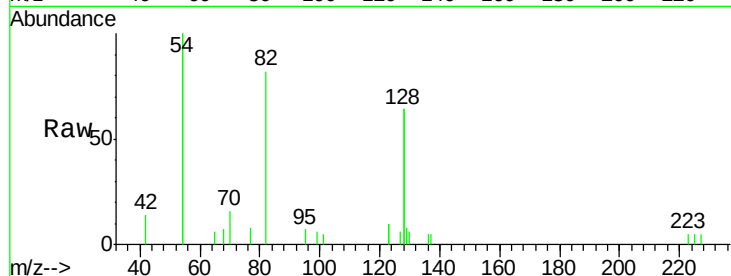
Tgt Ion: 82 Resp: 1536

Ion Ratio Lower Upper

82 100

128 157.4 129.9 194.9

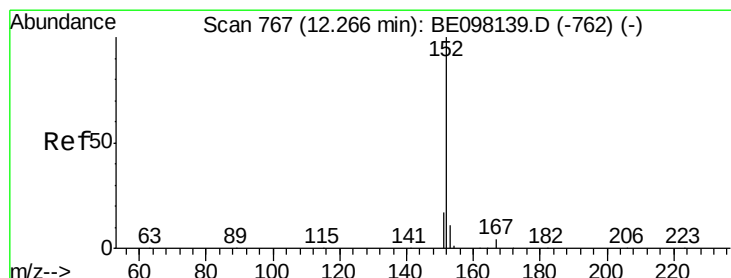
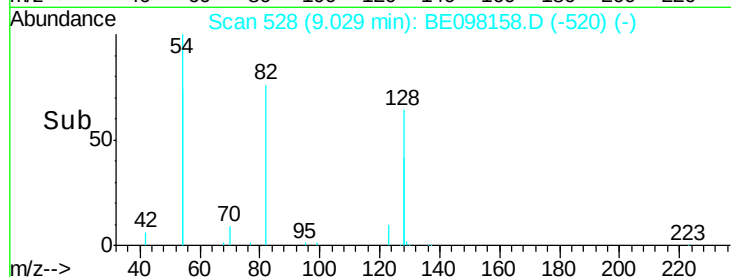
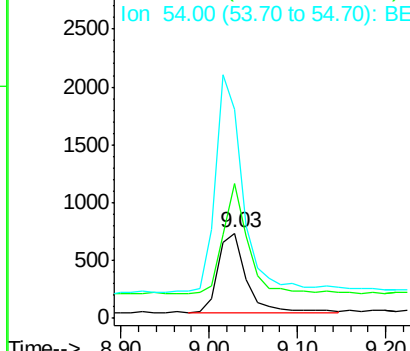
54 245.3 174.0 261.0



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: 0.328 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098158.D

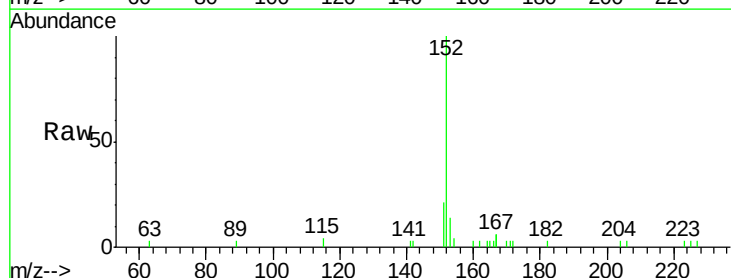
Acq: 5 Nov 2018 12:52

Tgt Ion: 152 Resp: 2790

Ion Ratio Lower Upper

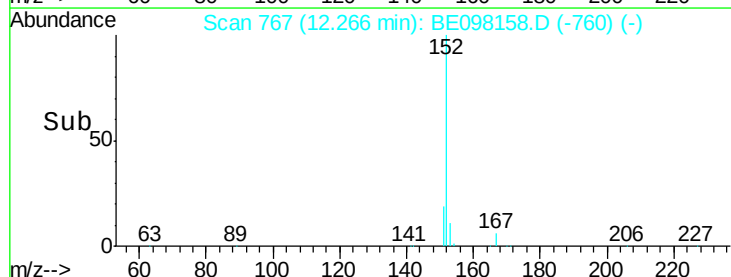
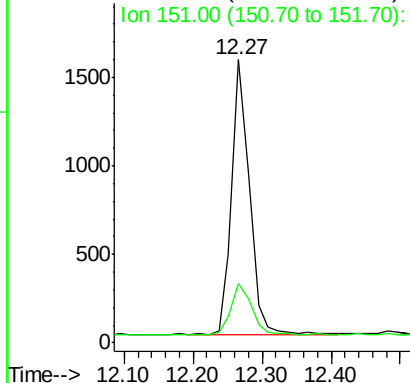
152 100

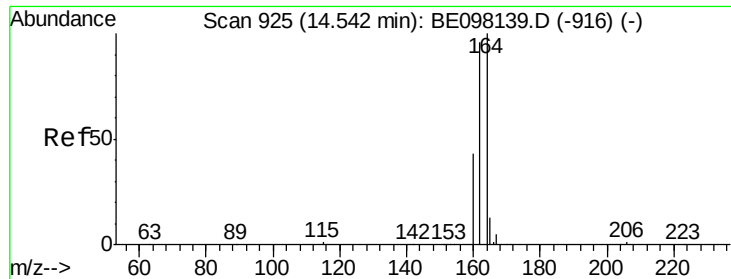
151 22.5 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0

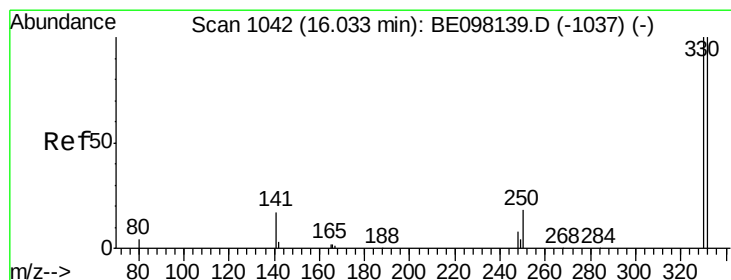
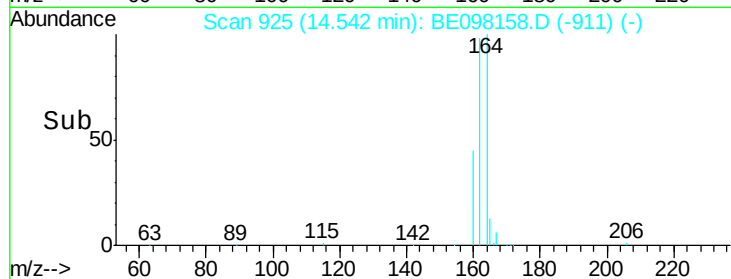
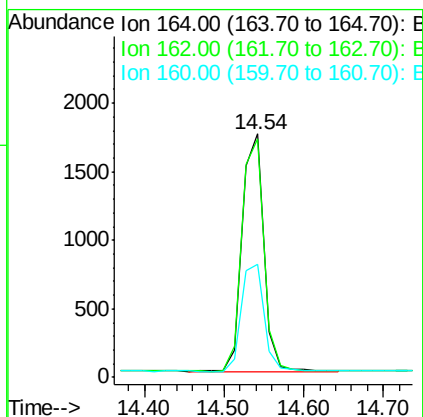
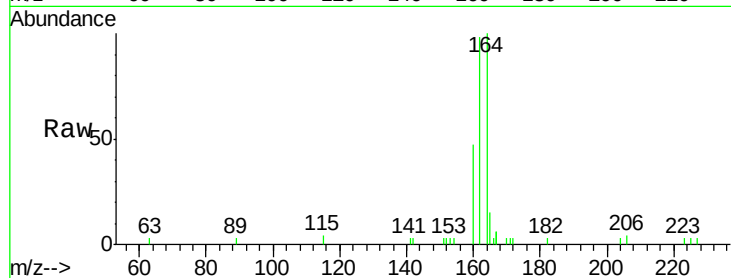




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BE098158.D
 Acq: 5 Nov 2018 12:52

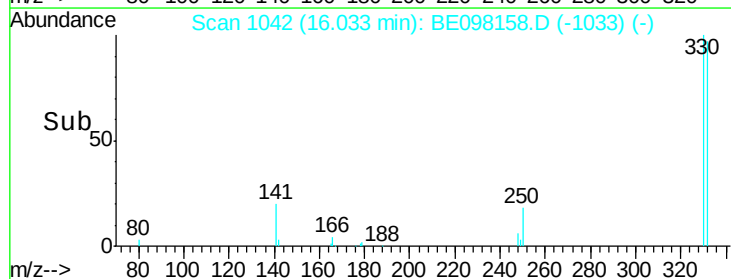
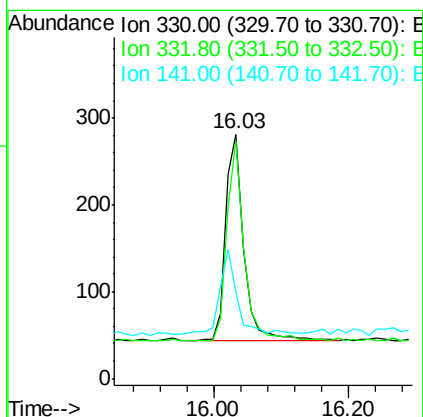
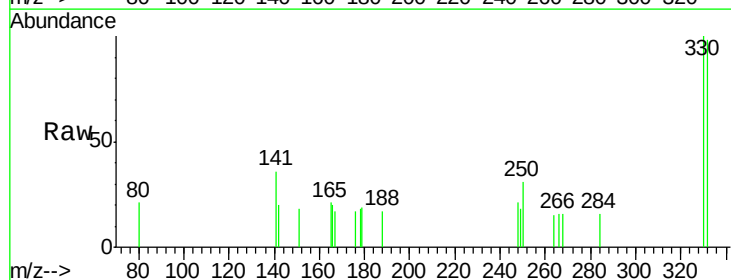
Instrument :
 BNA_E
 ClientSampleId :
 FB-10-31-18

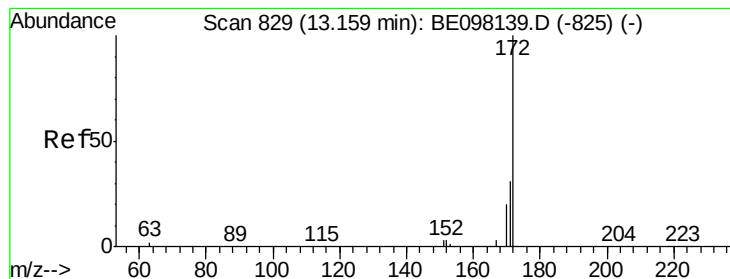
Tgt Ion:164 Resp: 3248
 Ion Ratio Lower Upper
 164 100
 162 98.2 77.4 116.2
 160 46.5 36.5 54.7



#14
 2,4,6-Tribromophenol
 Concen: 0.299 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BE098158.D
 Acq: 5 Nov 2018 12:52

Tgt Ion:330 Resp: 460
 Ion Ratio Lower Upper
 330 100
 332 91.5 76.5 114.7
 141 38.5 31.8 47.6





#15

2-Fluorobiphenyl

Concen: 0.417 ng

RT: 13.16 min Scan# 829

Delta R.T. -0.00 min

Lab File: BE098158.D

Acq: 5 Nov 2018 12:52

Instrument :

BNA_E

ClientSampleId :

FB-10-31-18

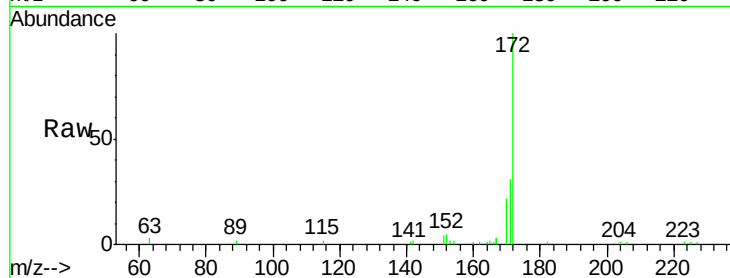
Tgt Ion:172 Resp: 5563

Ion Ratio Lower Upper

172 100

171 30.9 26.0 39.0

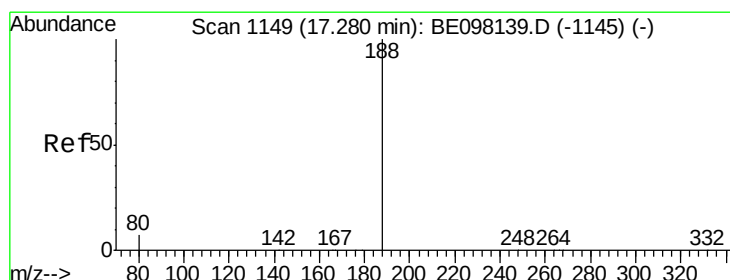
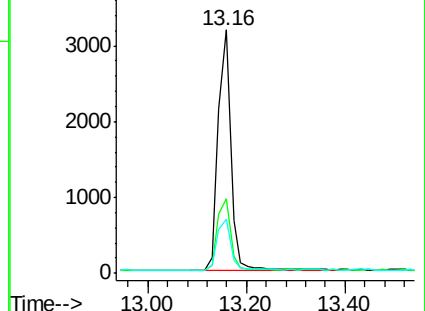
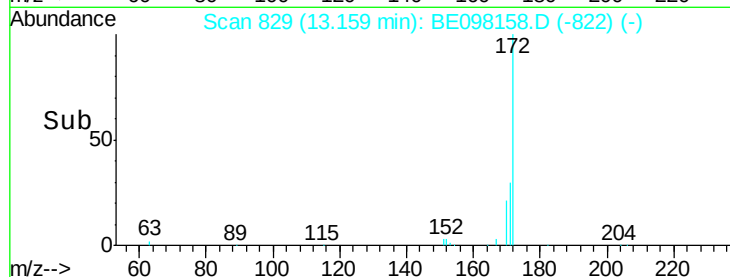
170 22.2 18.0 27.0



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: BE098158.D

Acq: 5 Nov 2018 12:52

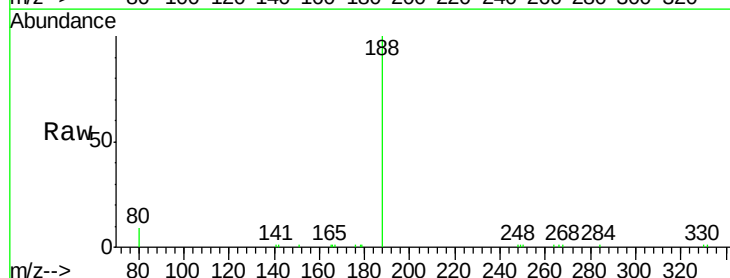
Tgt Ion:188 Resp: 7987

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

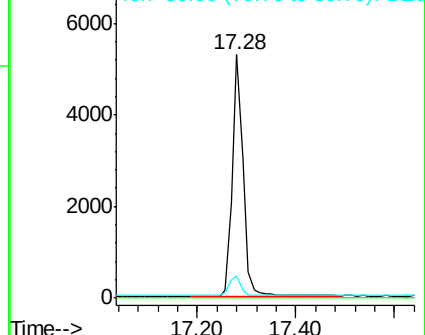
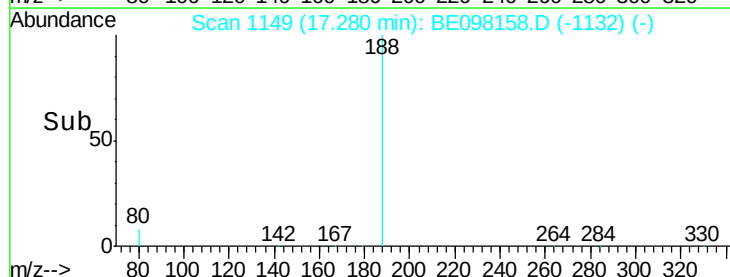
80 9.1 6.3 9.5

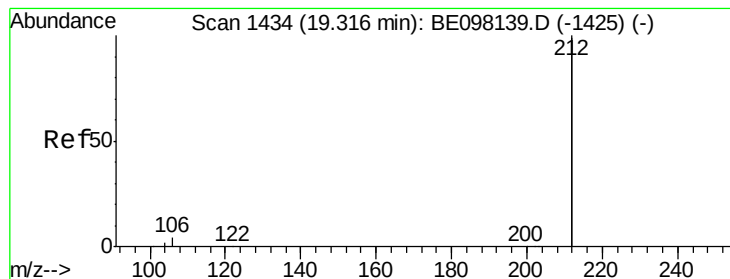


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.329 ng

RT: 19.31 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BE098158.D

Acq: 5 Nov 2018 12:52

Instrument :

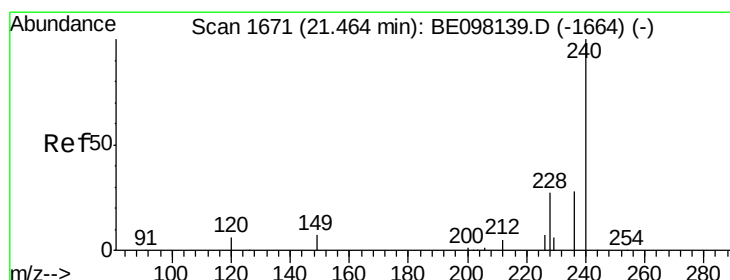
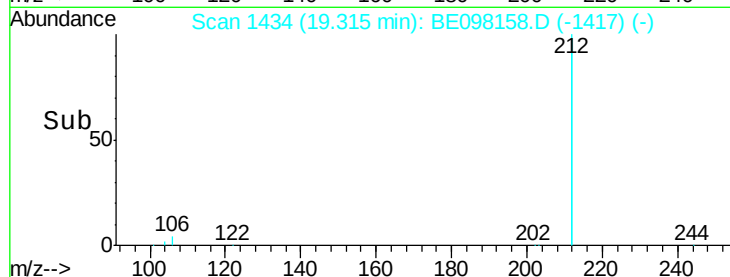
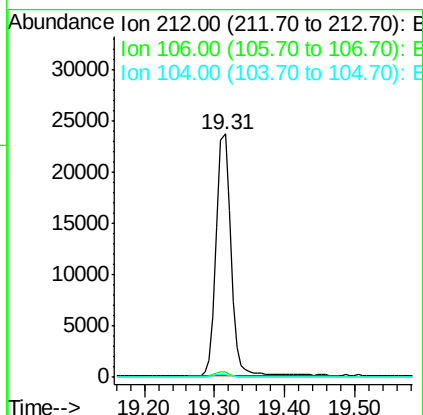
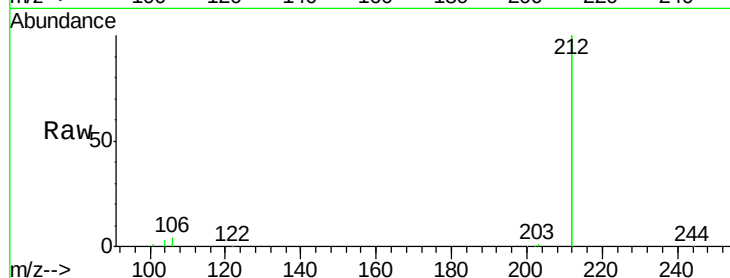
BNA_E

ClientSampleId :

FB-10-31-18

Tgt Ion:212 Resp: 33895

Ion	Ratio	Lower	Upper
212	100		
106	2.0	2.3	3.5#
104	1.3	1.3	1.9



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

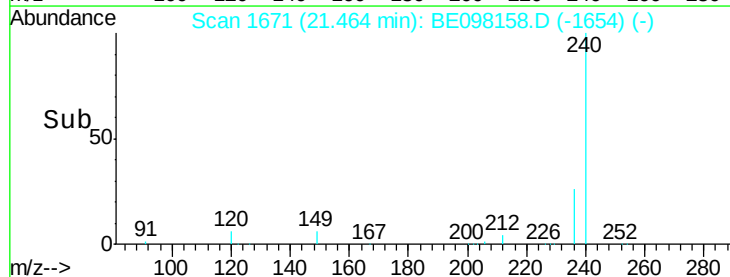
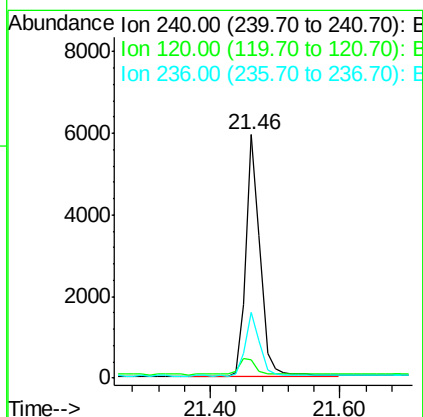
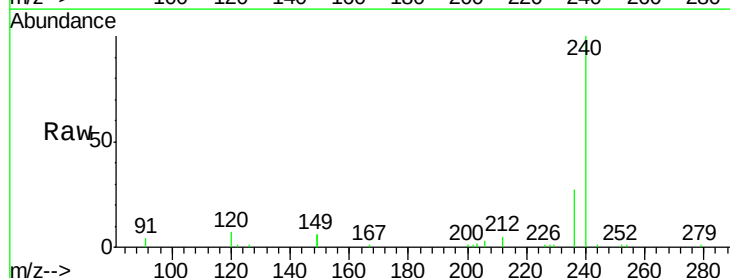
Delta R.T. 0.00 min

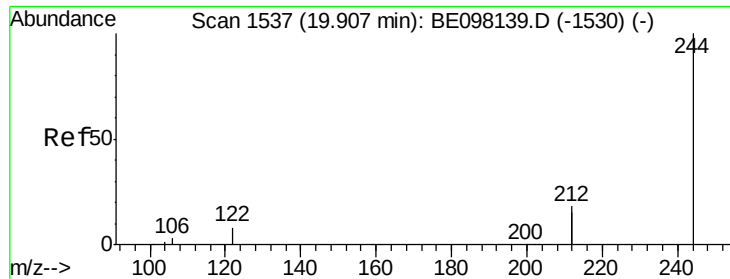
Lab File: BE098158.D

Acq: 5 Nov 2018 12:52

Tgt Ion:240 Resp: 8869

Ion	Ratio	Lower	Upper
240	100		
120	7.5	7.1	10.7
236	27.2	21.3	31.9





#29

Terphenyl-d14

Concen: 0.405 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098158.D

Acq: 5 Nov 2018 12:52

Instrument :

BNA_E

ClientSampleId :

FB-10-31-18

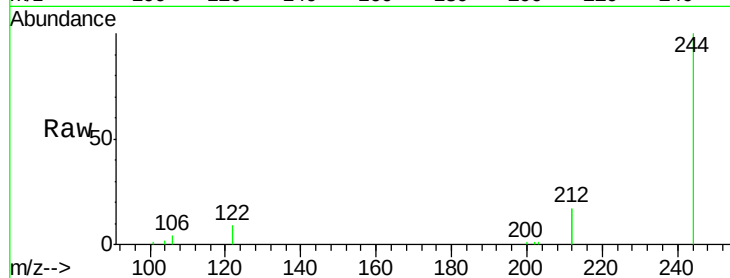
Tgt Ion:244 Resp: 8347

Ion Ratio Lower Upper

244 100

212 34.6 26.2 39.2

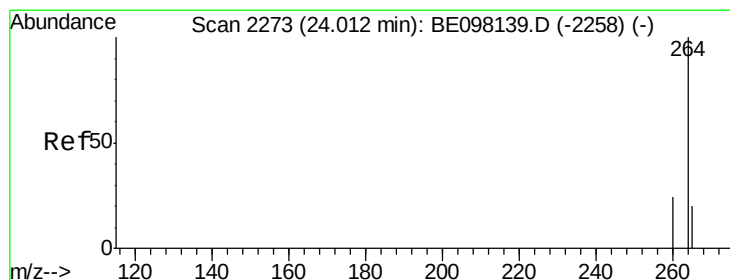
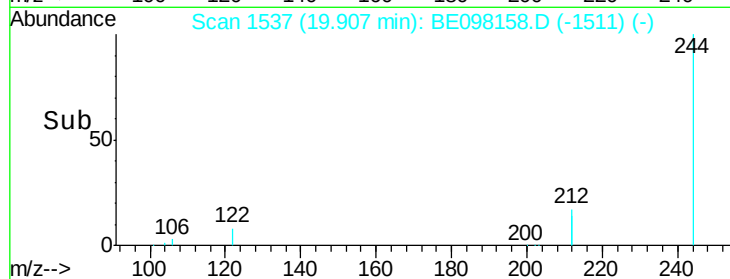
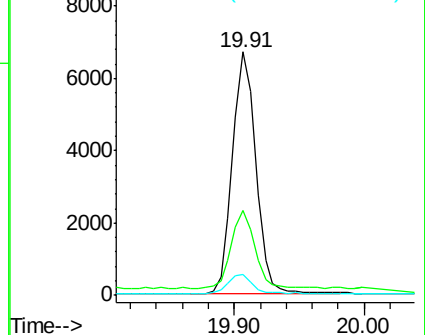
122 8.8 7.7 11.5



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: BE098158.D

Acq: 5 Nov 2018 12:52

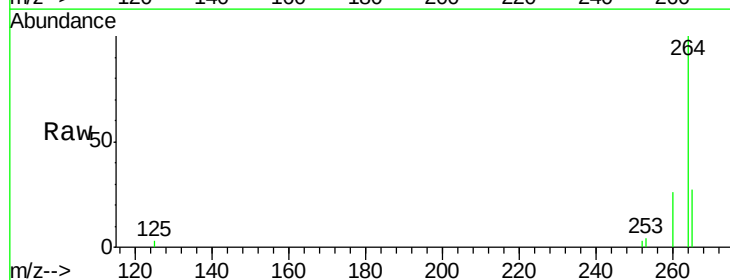
Tgt Ion:264 Resp: 8642

Ion Ratio Lower Upper

264 100

260 25.5 21.1 31.7

265 26.6 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

