

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091018\
 Data File : BE097442.D
 Acq On : 10 Sep 2018 10:47
 Operator : SJ/JU
 Sample : PB112668BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB112668BL

Quant Time: Sep 10 13:30:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 18:07:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	986	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4275	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	2182	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	5534	0.40	ng	0.00
27) Chrysene-d12	20.97	240	7609	0.40	ng	0.00
34) Perylene-d12	23.20	264	8127	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	1374	0.47	ng	0.00
5) Phenol-d6	6.60	99	1569	0.40	ng	0.00
8) Nitrobenzene-d5	8.52	82	1316	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2627	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	259	0.35	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	3673	0.46	ng	0.01
25) Fluoranthene-d10	18.80	212	30626	0.48	ng	0.00
29) Terphenyl-d14	19.42	244	5297	0.38	ng	0.00

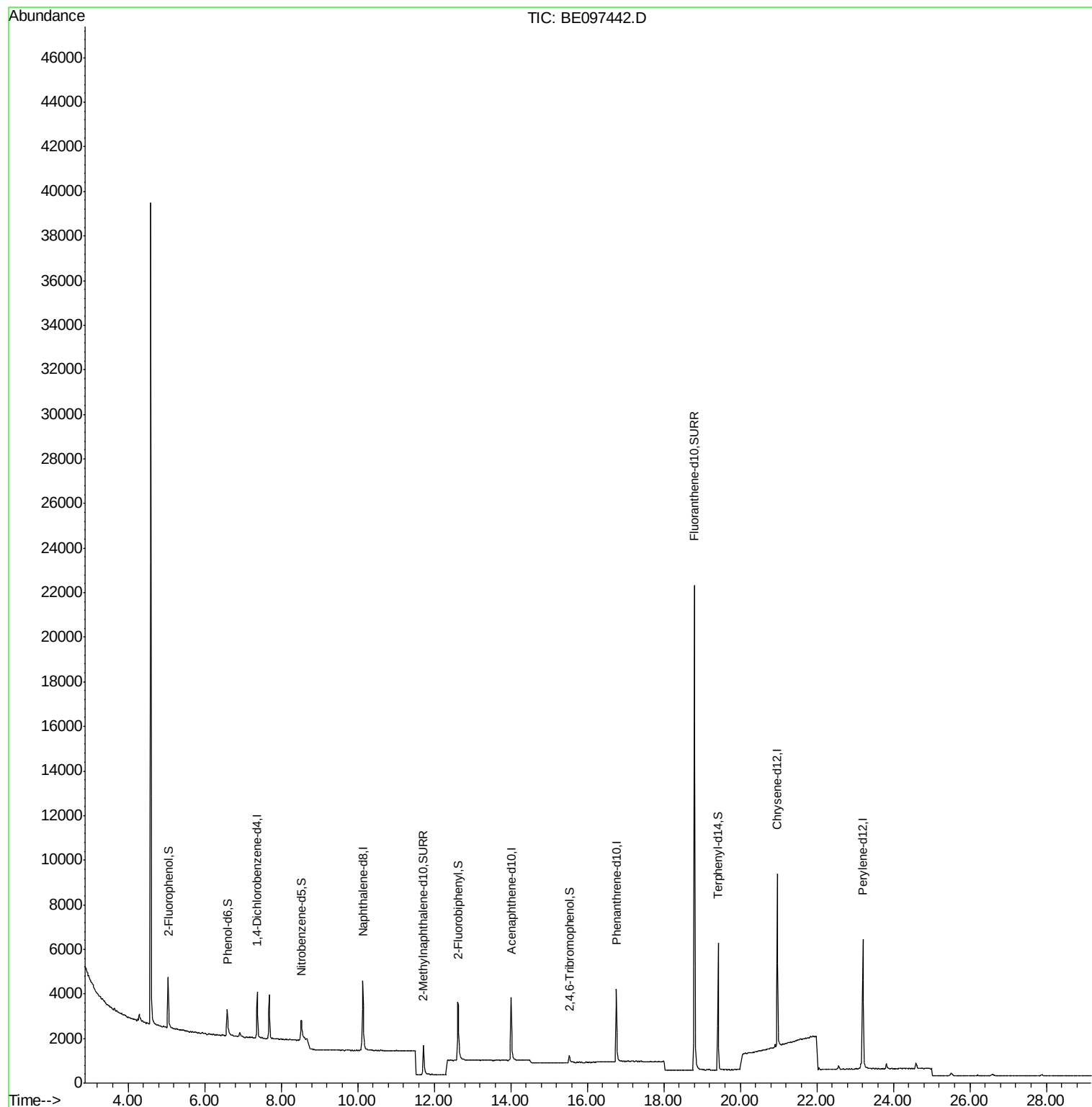
Target Compounds	Qvalue
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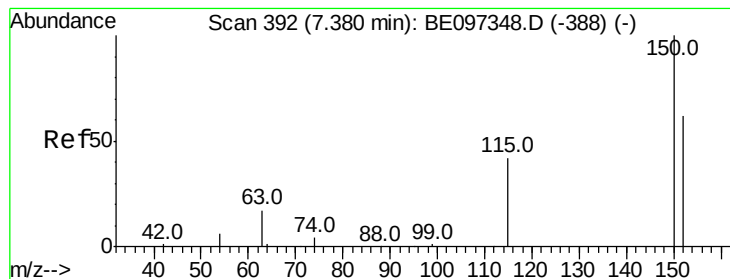
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.38 min Scan# 392

Delta R.T. 0.00 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:47

Instrument :

BNA_E

ClientSampleId :

PB112668BL

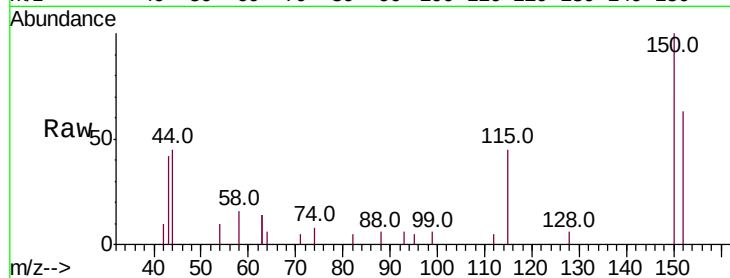
Tot Ion:152 Resp: 986

Ion Ratio Lower Upper

152 100

150 157.9 117.2 175.8

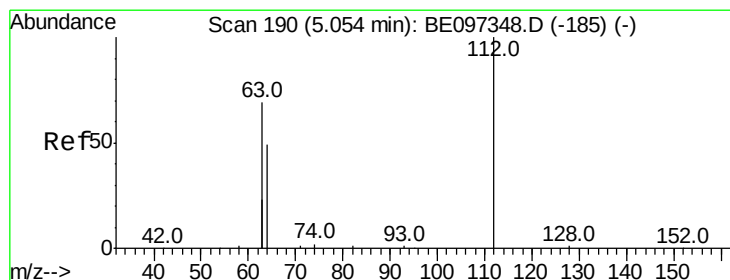
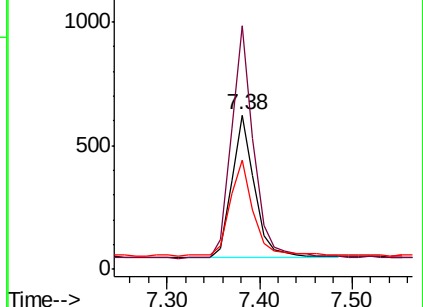
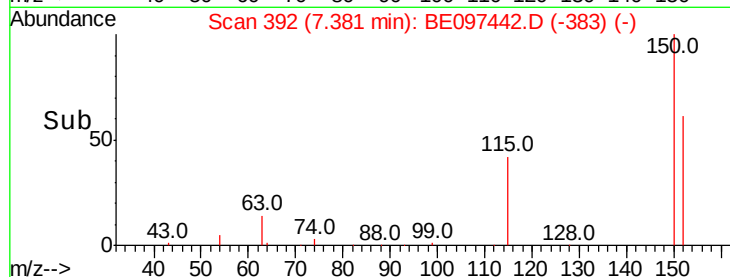
115 71.2 57.0 85.6



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: 0.471 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:47

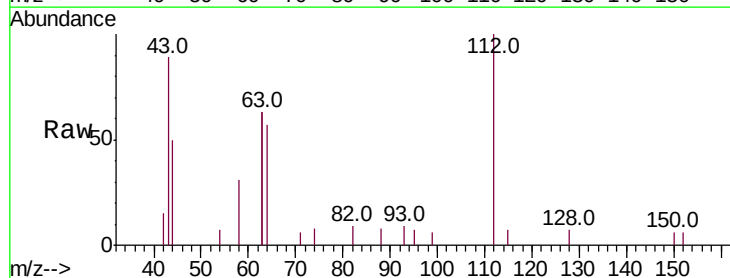
Tgt Ion:112 Resp: 1374

Ion Ratio Lower Upper

112 100

64 70.6 60.1 90.1

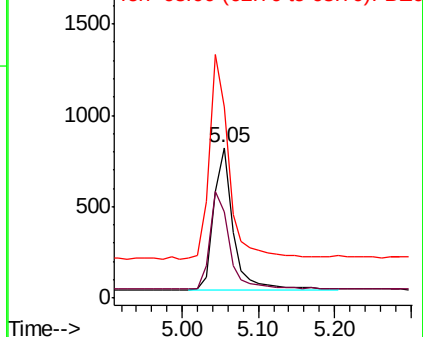
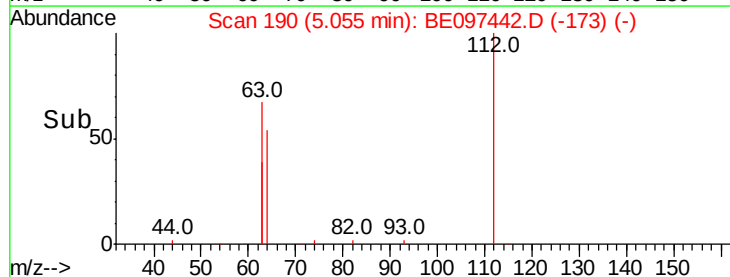
63 144.5 116.8 175.2

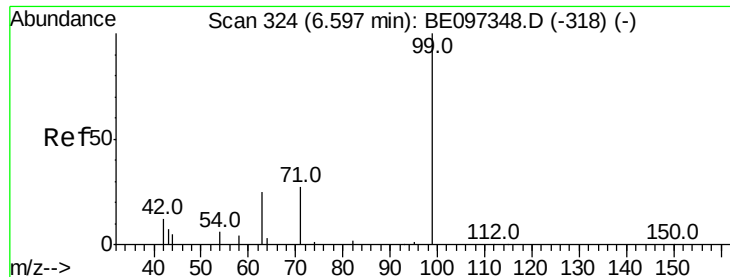


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.403 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:47

Instrument :

BNA_E

ClientSampleId :

PB112668BL

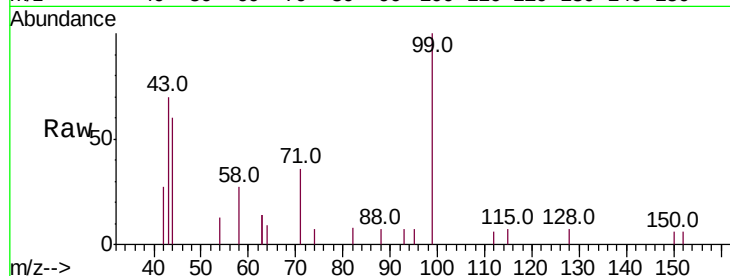
Tot Ion: 99 Resp: 1569

Ion Ratio Lower Upper

99 100

42 20.5 20.2 30.2

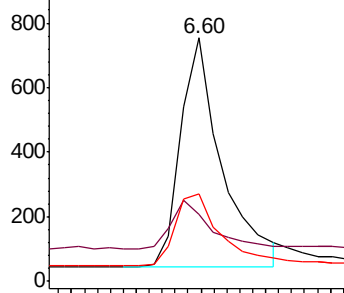
71 34.8 28.4 42.6



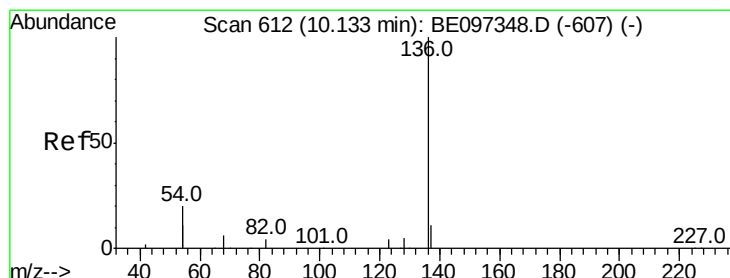
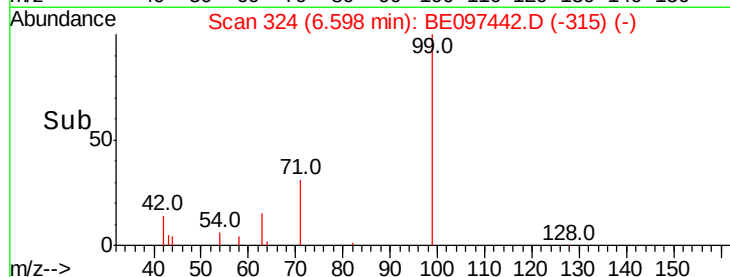
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. -0.00 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:47

Tgt Ion: 136 Resp: 4275

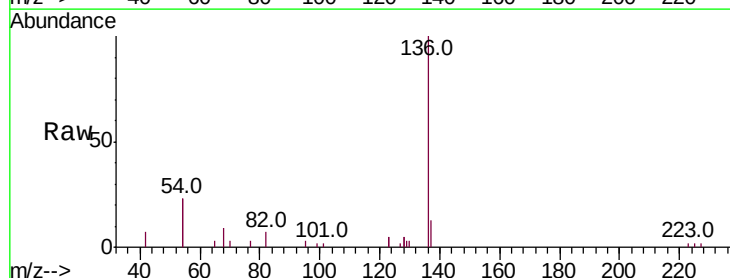
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 46.0 29.1 43.7#

68 8.9 6.2 9.2

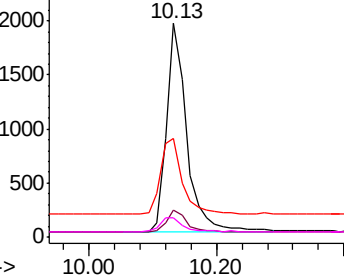


Abundance Ion 136.00 (135.70 to 136.70): E

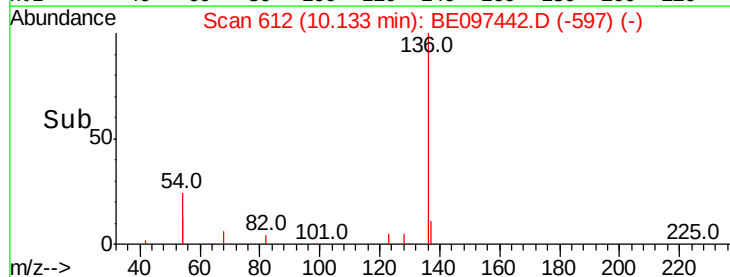
Ion 137.00 (136.70 to 137.70): E

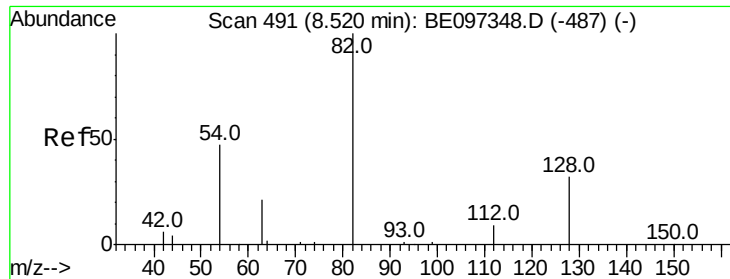
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->

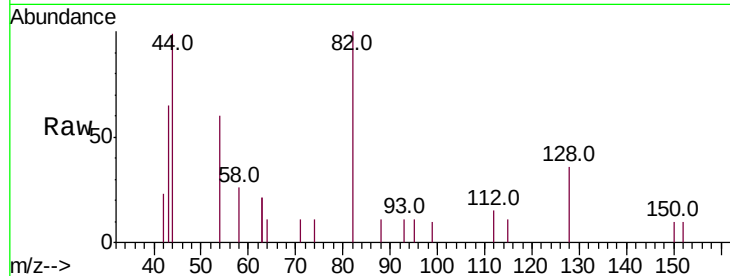




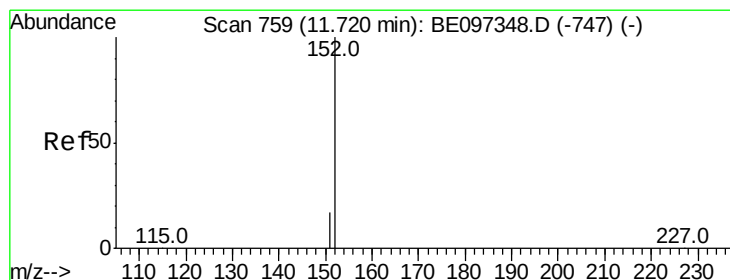
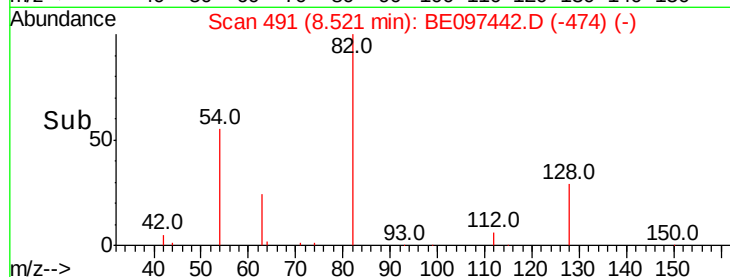
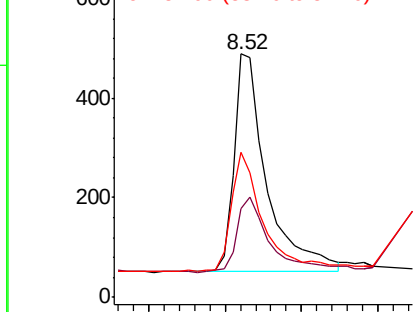
#8
 Nitrobenzene-d5
 Concen: 0.430 ng
 RT: 8.52 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BE097442.D
 Acq: 10 Sep 2018 10:47

Instrument :
 BNA_E
 ClientSampleId :
 PB112668BL

Tot Ion	82	Resp	1316
Ion Ratio	Lower	Upper	
82	100		
128	36.2	24.0	36.0#
54	59.7	40.0	60.0

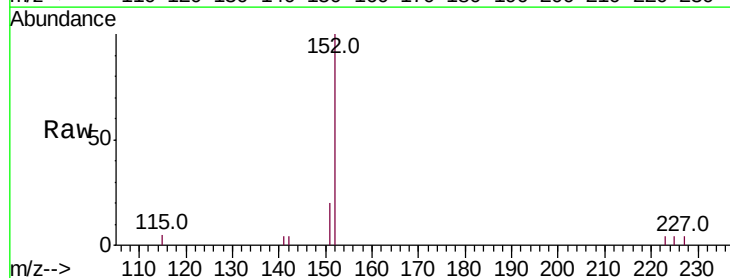


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

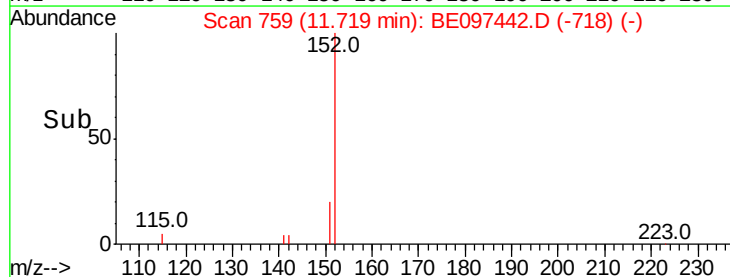
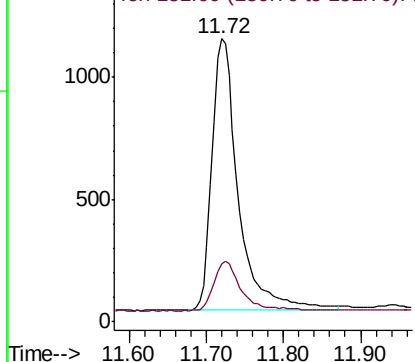


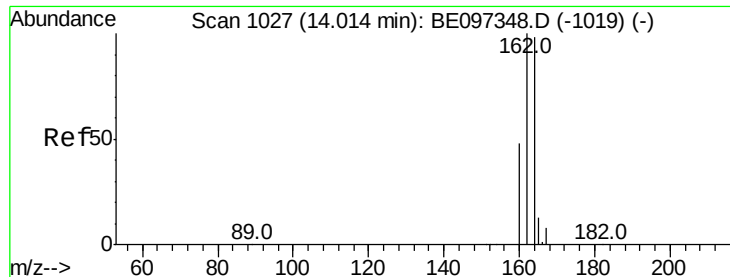
#11
 2-Methylnaphthalene-d10
 Concen: 0.441 ng
 RT: 11.72 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BE097442.D
 Acq: 10 Sep 2018 10:47

Tgt Ion	152	Resp	2627
Ion Ratio	Lower	Upper	
152	100		
151	17.7	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: 14.01 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:47

Instrument :

BNA_E

ClientSampleId :

PB112668BL

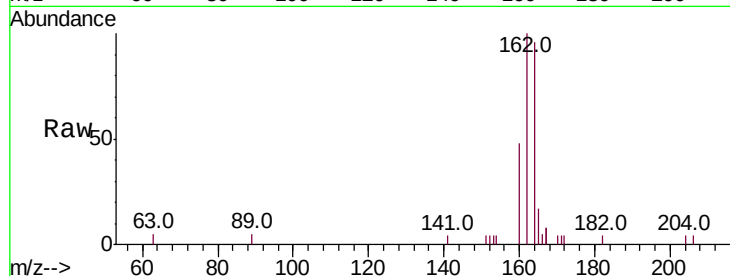
Tot Ion:164 Resp: 2182

Ion Ratio Lower Upper

164 100

162 103.9 83.1 124.7

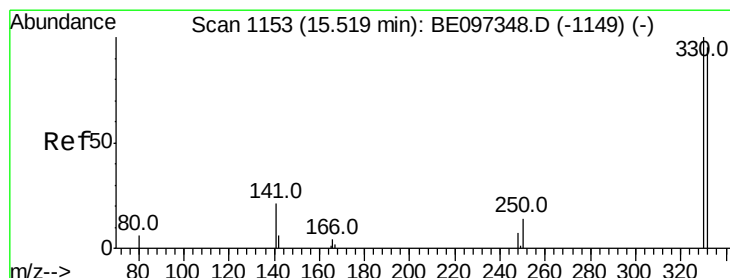
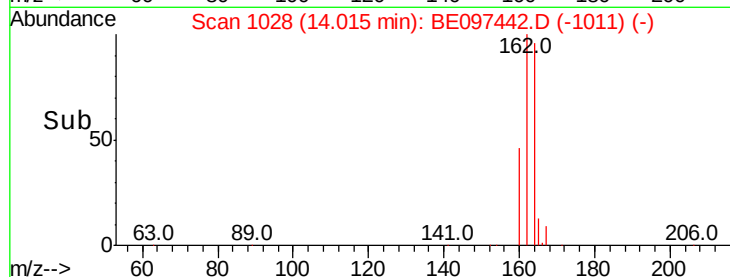
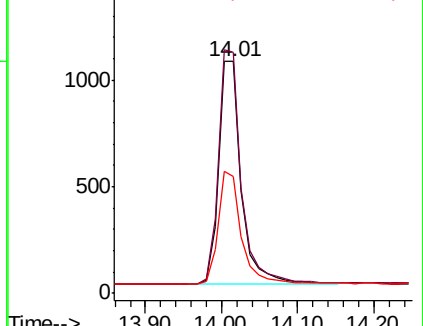
160 50.4 37.1 55.7



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: 0.351 ng

RT: 15.53 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:47

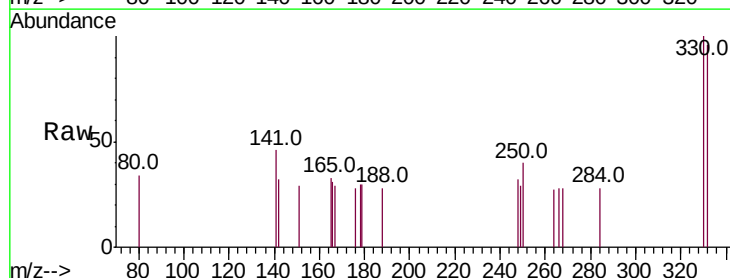
Tgt Ion:330 Resp: 259

Ion Ratio Lower Upper

330 100

332 96.5 152.7 229.1#

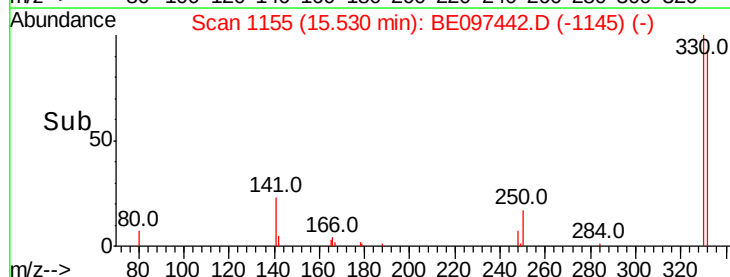
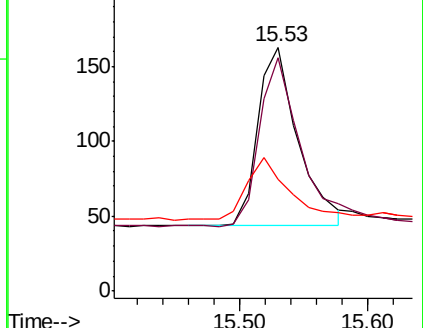
141 35.5 33.7 50.5

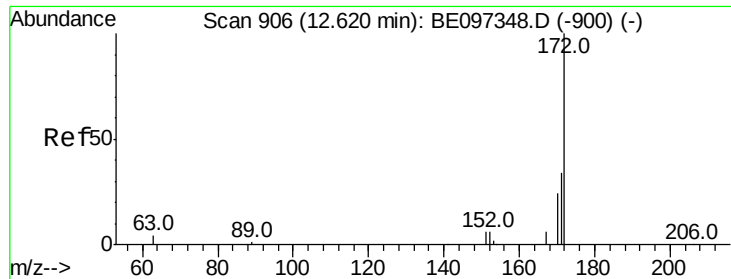


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

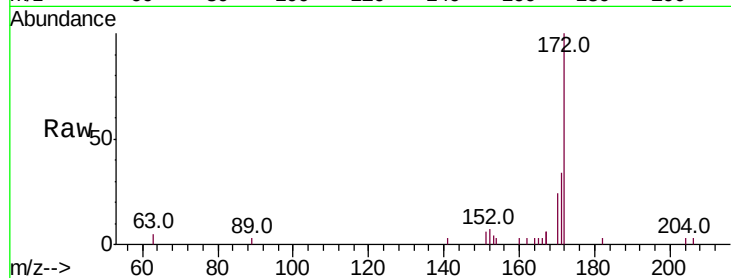




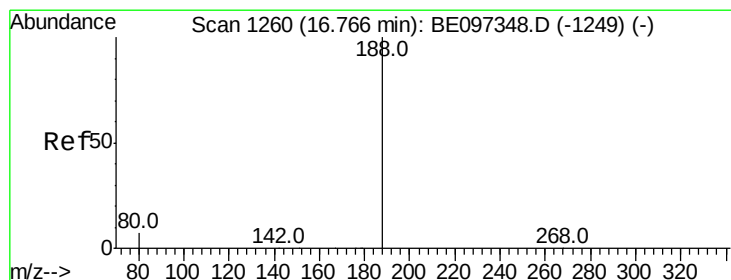
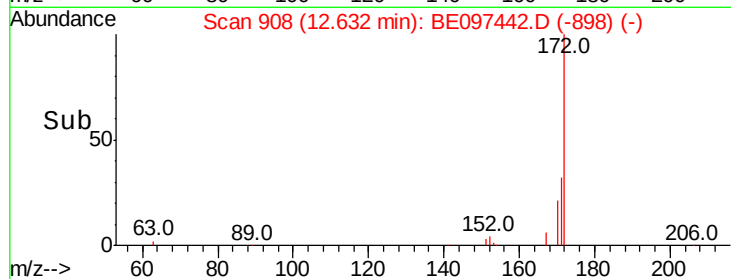
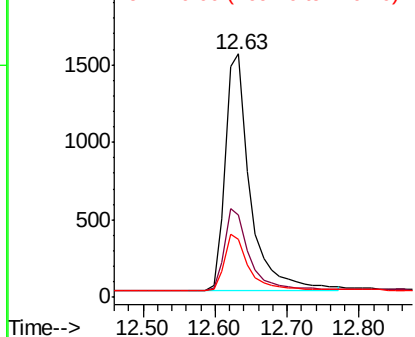
#15
2-Fluorobiphenyl
Concen: 0.459 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.01 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:47

Instrument :
BNA_E
ClientSampleId :
PB112668BL

Tot Ion:172 Resp: 3673
Ion Ratio Lower Upper
172 100
171 33.9 29.9 44.9
170 23.7 21.8 32.8

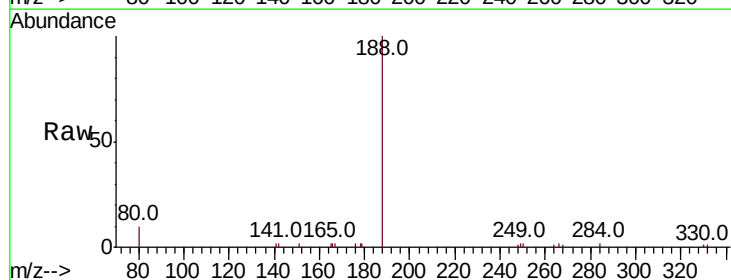


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

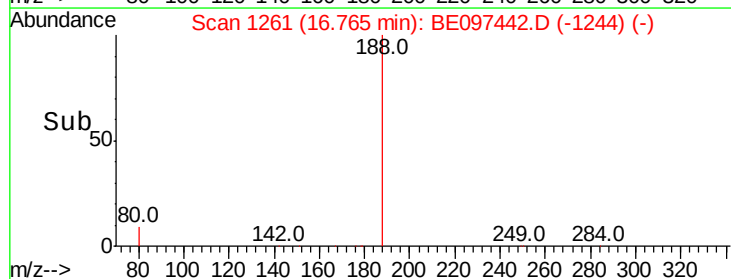
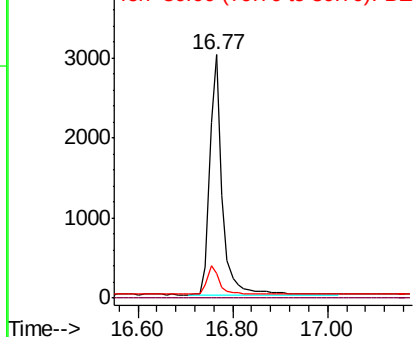


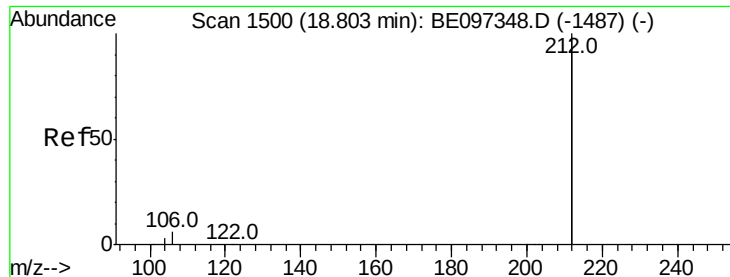
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:47

Tgt Ion:188 Resp: 5534
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 10.1 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: 0.482 ng

RT: 18.80 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:47

Instrument :

BNA_E

ClientSampled :

PB112668BL

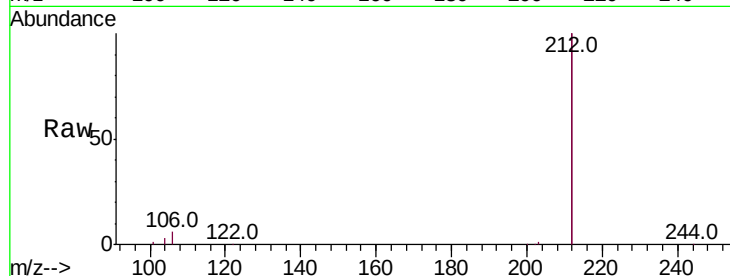
Tot Ion:212 Resp: 30626

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

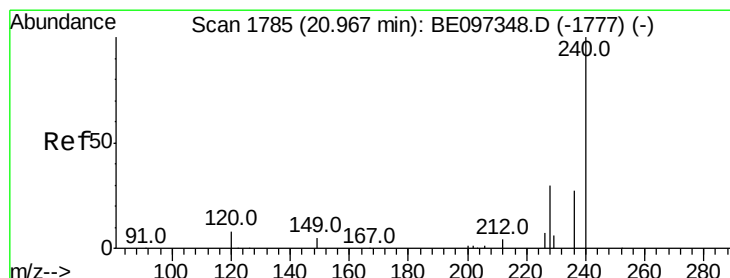
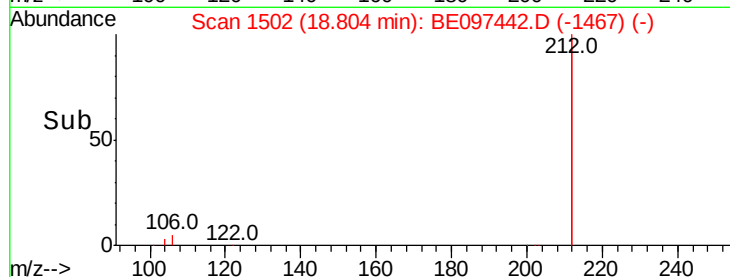
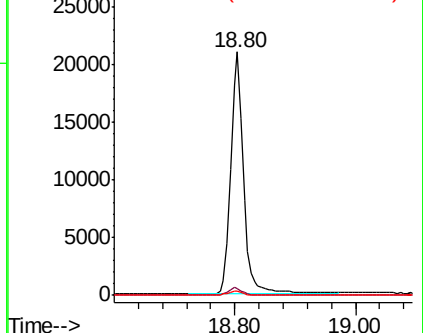
104 1.7 1.6 2.4



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:47

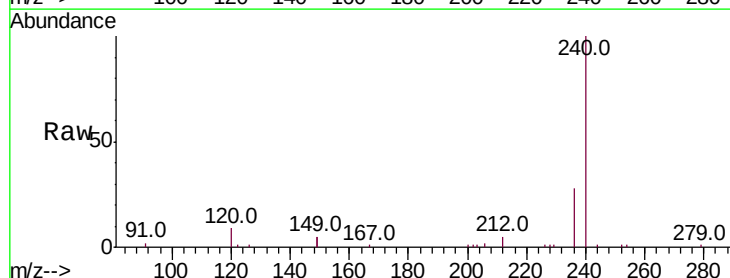
Tgt Ion:240 Resp: 7609

Ion Ratio Lower Upper

240 100

120 9.2 5.5 8.3#

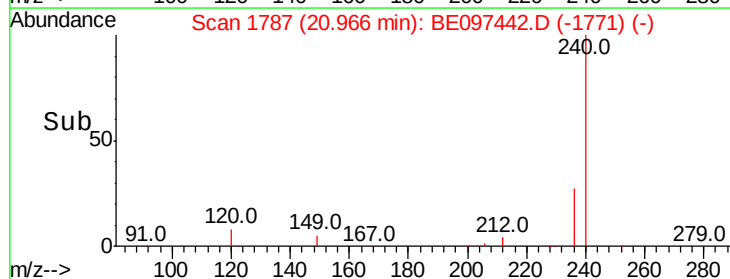
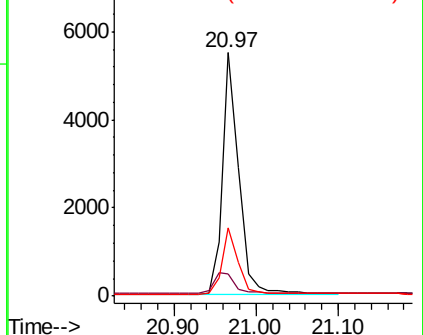
236 27.9 20.7 31.1

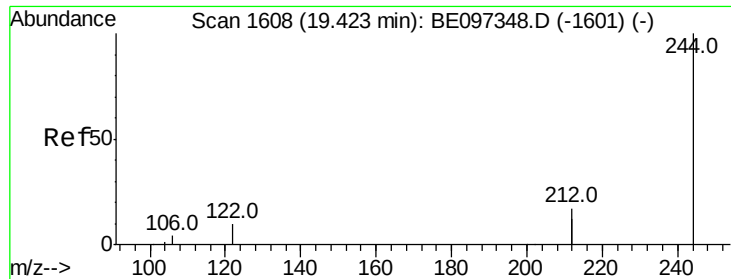


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.377 ng

RT: 19.42 min Scan# 1609

Delta R.T. -0.00 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:47

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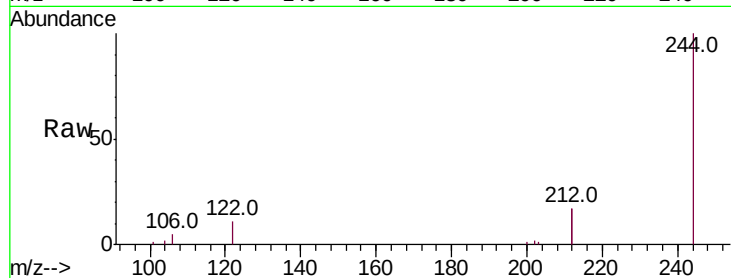
Tot Ion:244 Resp: 5297

Ion Ratio Lower Upper

244 100

212 33.4 25.4 38.0

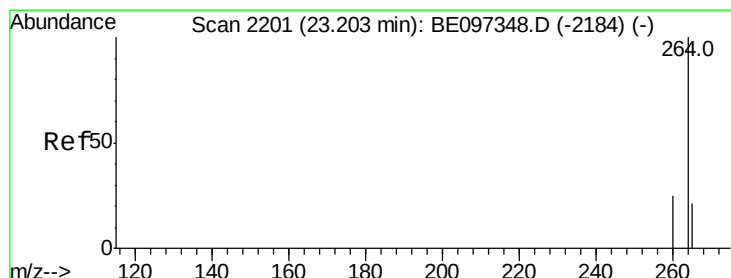
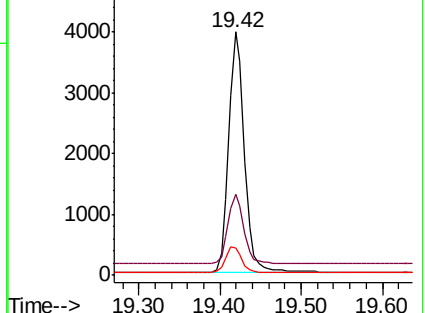
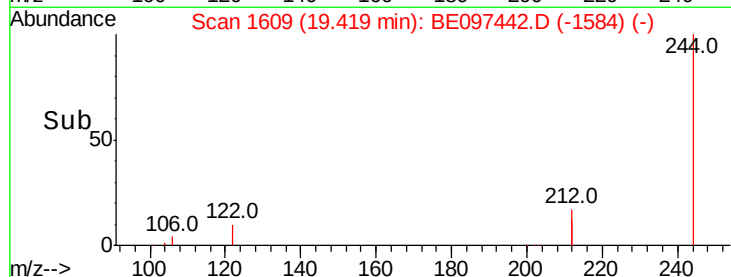
122 11.3 8.1 12.1



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: 23.20 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:47

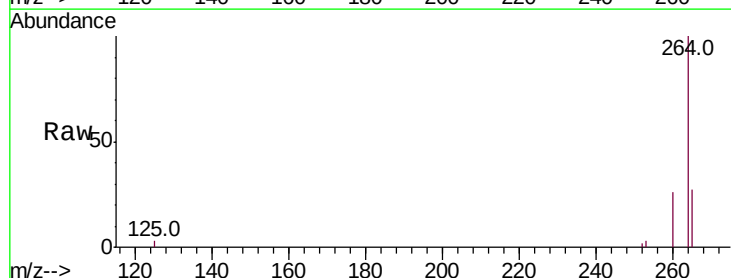
Tgt Ion:264 Resp: 8127

Ion Ratio Lower Upper

264 100

260 25.6 20.5 30.7

265 27.4 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

