

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100418\
 Data File : BE097730.D
 Acq On : 4 Oct 2018 18:00
 Operator : SJ/JU
 Sample : PB113508TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB113508TB

Quant Time: Oct 05 07:38:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 03 12:17:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	3695	0.40	ng	0.00
7) Naphthalene-d8	10.70	136	13683	0.40	ng	0.01
13) Acenaphthene-d10	14.56	164	6266	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	14962	0.40	ng	0.00
27) Chrysene-d12	21.49	240	15083	0.40	ng	0.00
34) Perylene-d12	24.04	264	15486	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	2961	0.34	ng	0.00
5) Phenol-d6	7.04	99	4012	0.30	ng	0.00
8) Nitrobenzene-d5	9.06	82	2230	0.50	ng	0.01
11) 2-Methylnaphthalene-d10	12.30	152	7126	0.33	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	348	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.19	172	11051	0.40	ng	0.00
25) Fluoranthene-d10	19.33	212	59823	0.32	ng	0.00
29) Terphenyl-d14	19.93	244	10610	0.34	ng	0.00

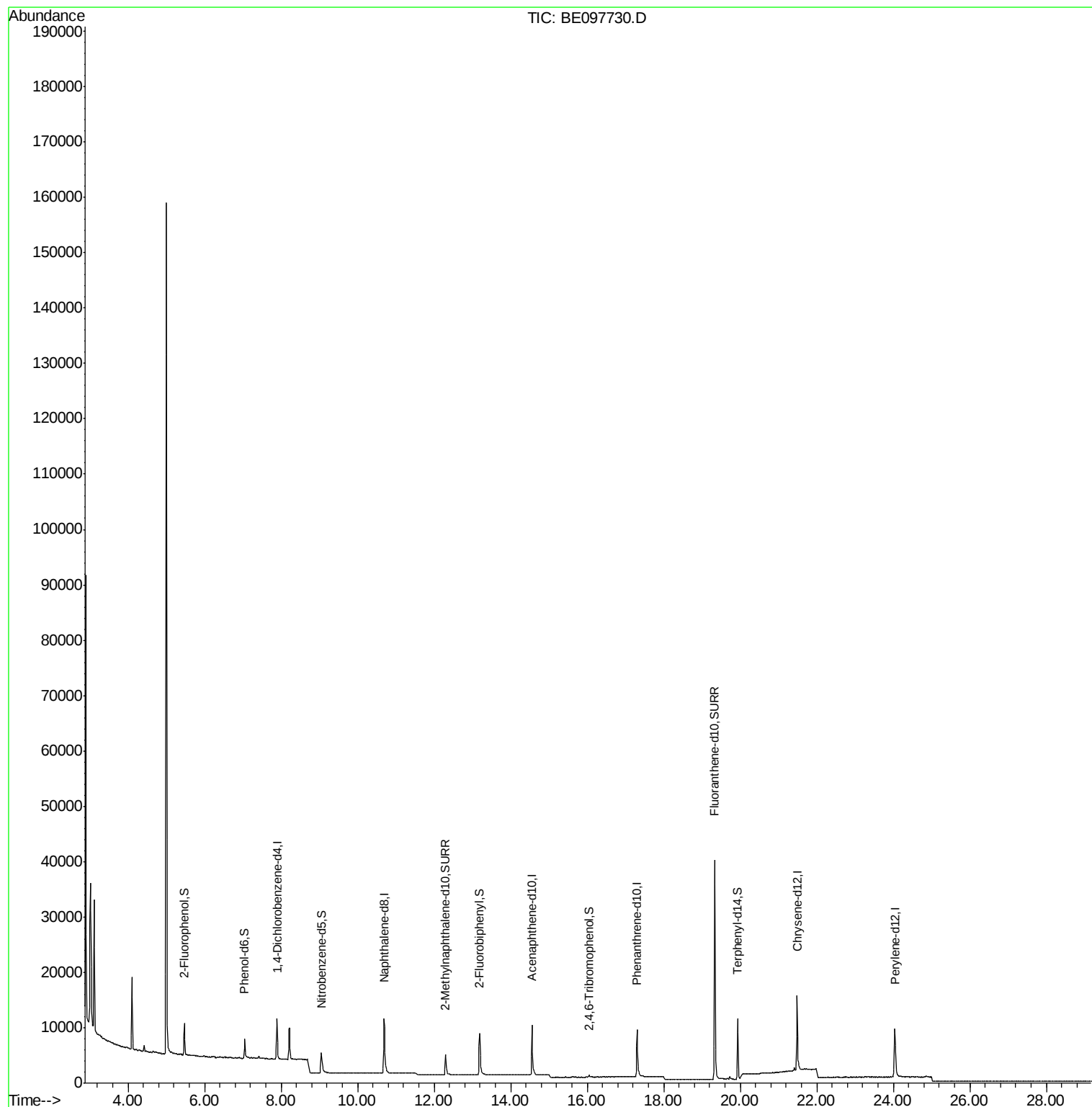
Target Compounds	Qvalue
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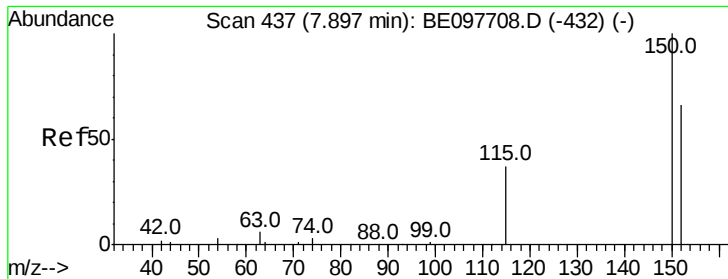
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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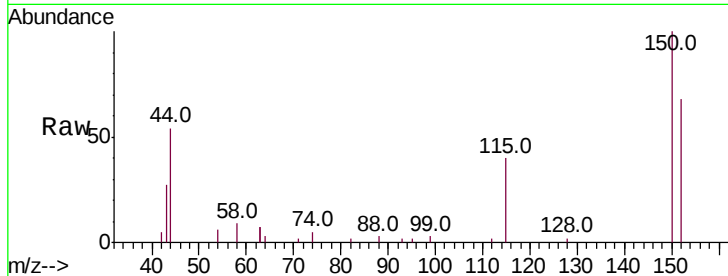


#1

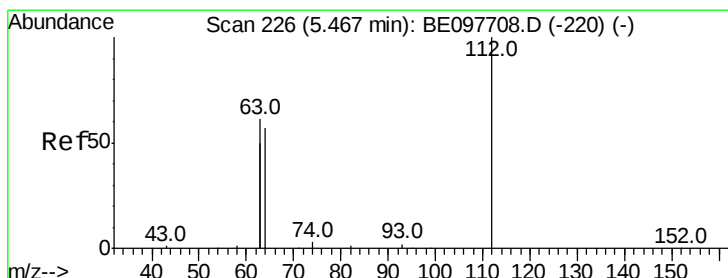
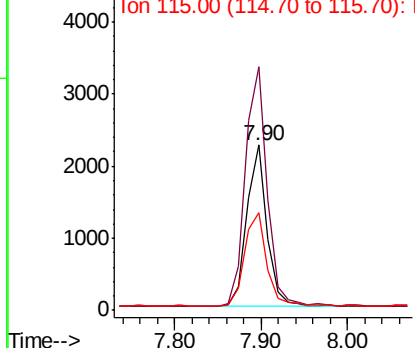
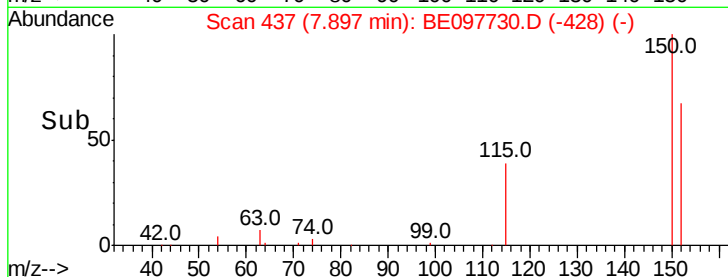
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. -0.00 min
Lab File: BE097730.D
Acq: 4 Oct 2018 18:00

Instrument :
BNA_E
ClientSampleId :
PB113508TB

Tot Ion:152 Resp: 3695
Ion Ratio Lower Upper
152 100
150 147.3 120.9 181.3
115 59.2 46.6 69.8



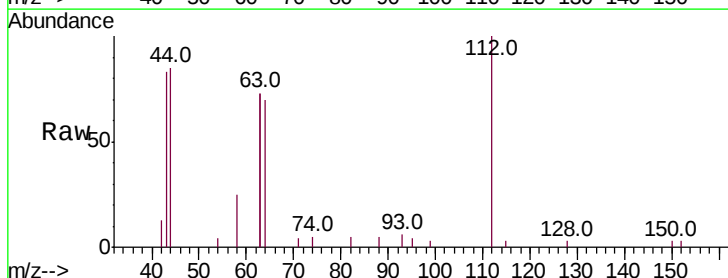
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



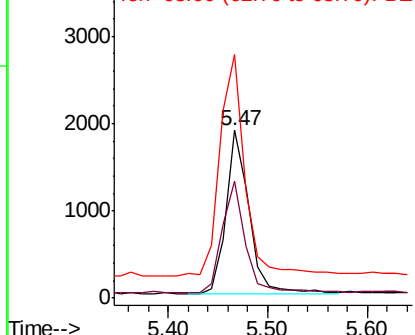
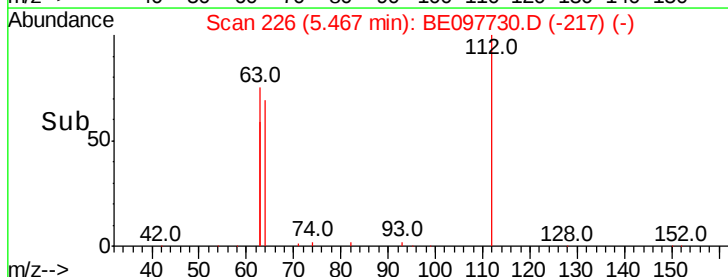
#4

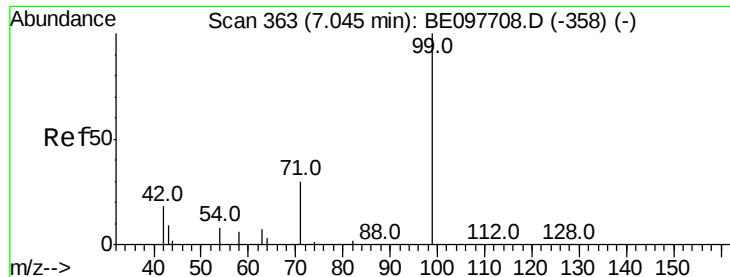
2-Fluorophenol
Concen: 0.339 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE097730.D
Acq: 4 Oct 2018 18:00

Tgt Ion:112 Resp: 2961
Ion Ratio Lower Upper
112 100
64 71.0 56.6 84.8
63 153.1 119.4 179.0



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: 0.299 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097730.D

Acq: 4 Oct 2018 18:00

Instrument :

BNA_E

ClientSampleId :

PB113508TB

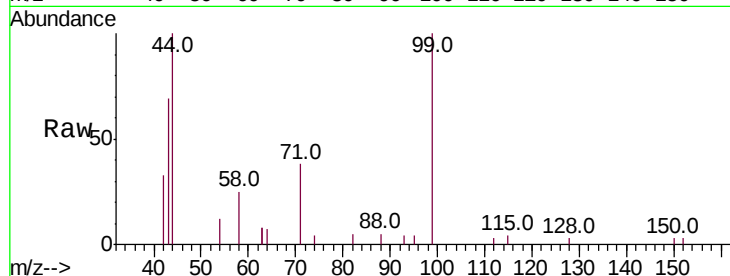
Tot Ion: 99 Resp: 4012

Ion Ratio Lower Upper

99 100

42 25.8 19.9 29.9

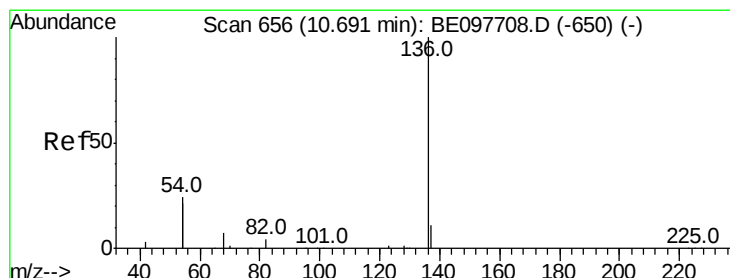
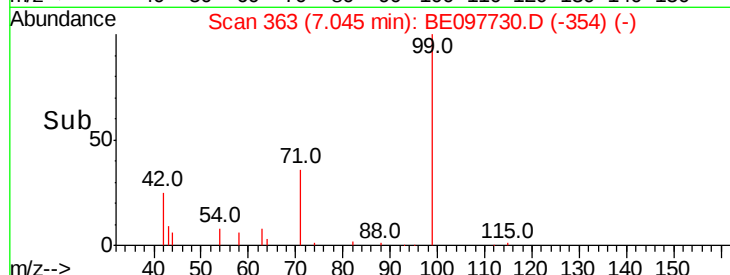
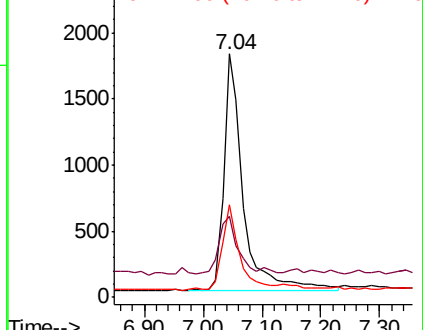
71 37.8 25.4 38.2



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: 10.70 min Scan# 657

Delta R.T. 0.01 min

Lab File: BE097730.D

Acq: 4 Oct 2018 18:00

Tgt Ion:136 Resp: 13683

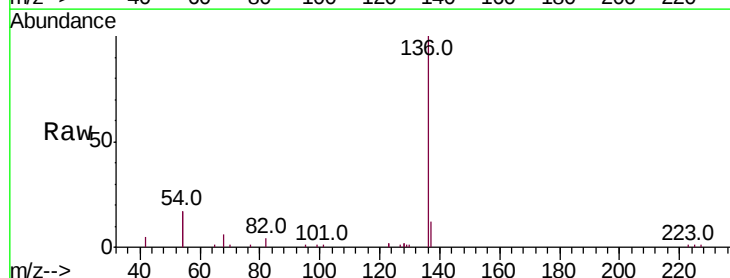
Ion Ratio Lower Upper

136 100

137 12.0 9.0 13.4

54 34.1 37.8 56.6#

68 5.7 6.4 9.6#

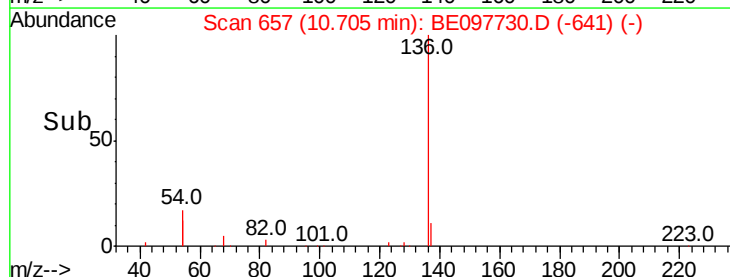
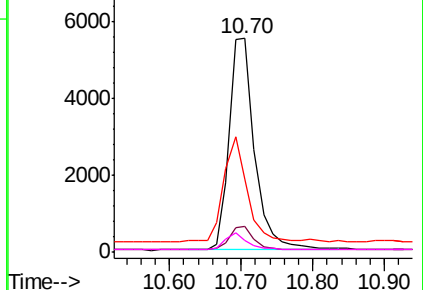


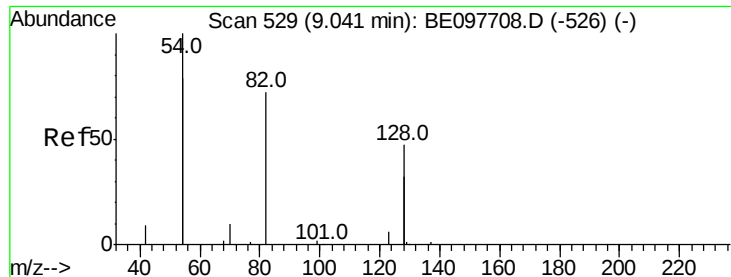
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.502 ng

RT: 9.06 min Scan# 530

Delta R.T. 0.01 min

Lab File: BE097730.D

Acq: 4 Oct 2018 18:00

Instrument :

BNA_E

ClientSampleId :

PB113508TB

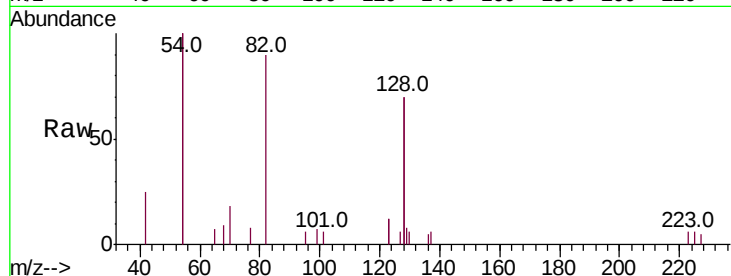
Tot Ion: 82 Resp: 2230

Ion Ratio Lower Upper

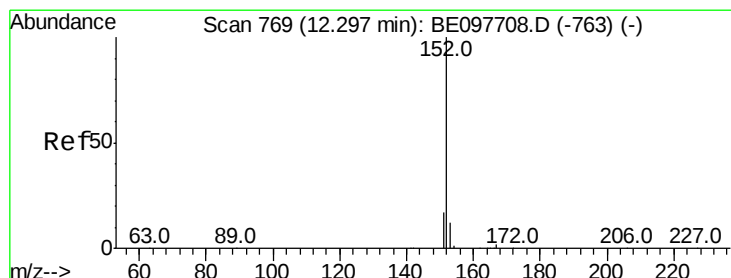
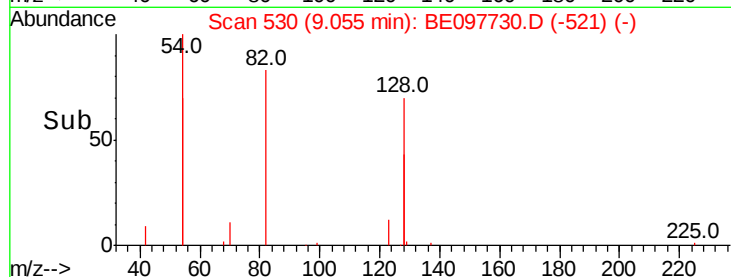
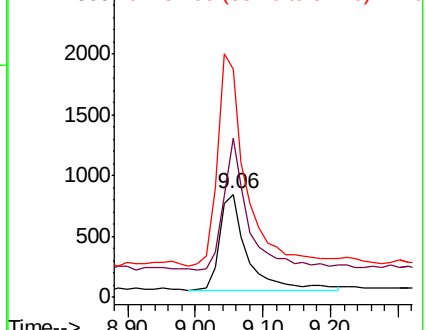
82 100

128 154.5 97.0 145.4#

54 221.9 206.9 310.3



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: 0.327 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097730.D

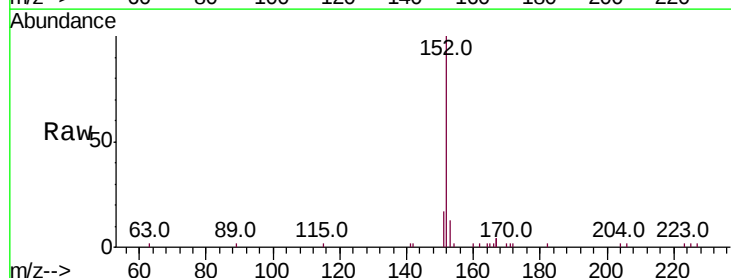
Acq: 4 Oct 2018 18:00

Tgt Ion:152 Resp: 7126

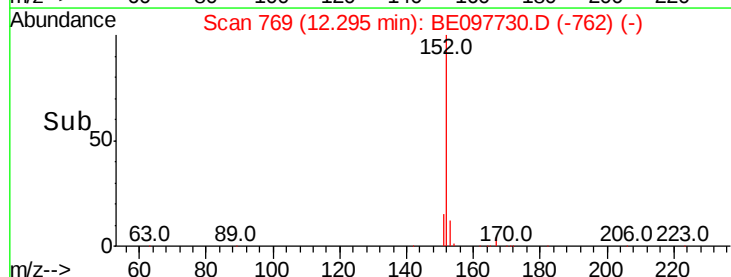
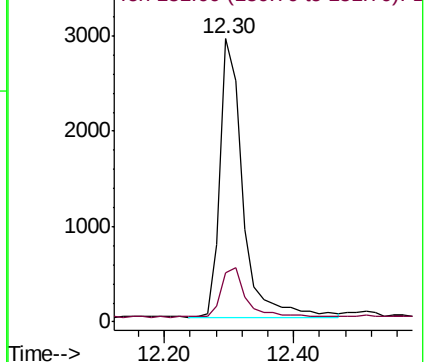
Ion Ratio Lower Upper

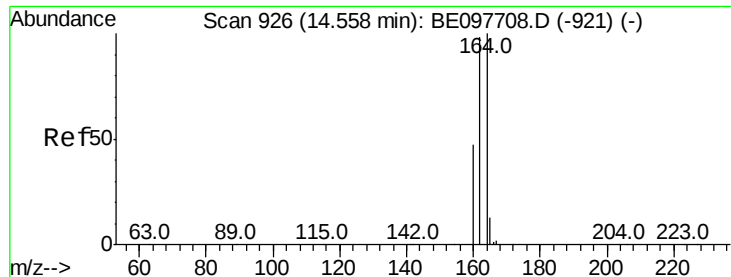
152 100

151 18.7 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

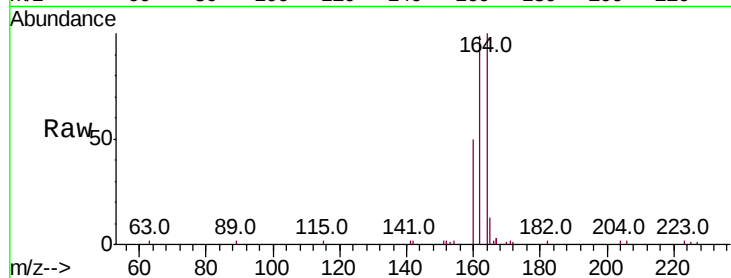




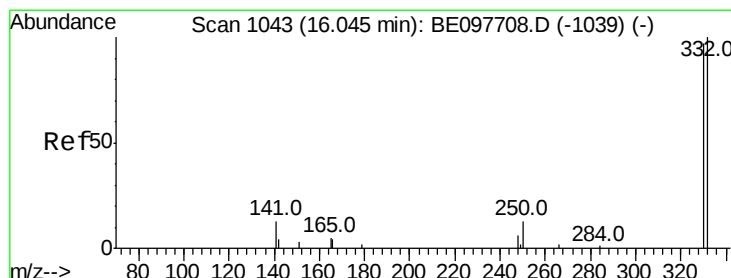
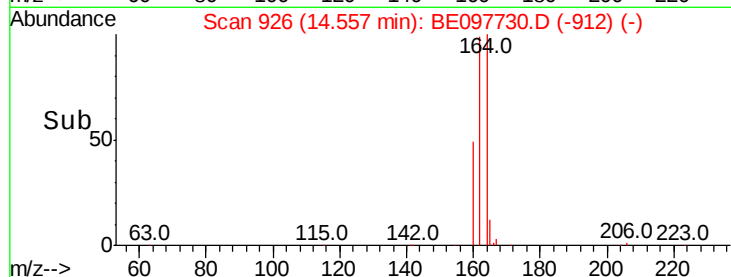
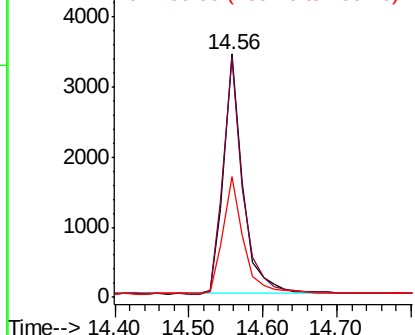
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.56 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BE097730.D
 Acq: 4 Oct 2018 18:00

Instrument :
 BNA_E
 ClientSampleId :
 PB113508TB

Tot Ion:164 Resp: 6266
 Ion Ratio Lower Upper
 164 100
 162 98.6 78.6 117.8
 160 49.6 37.8 56.6

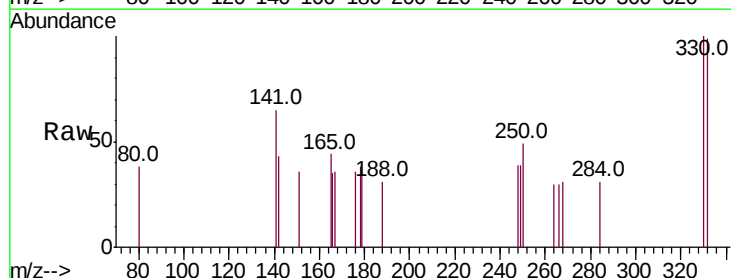


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

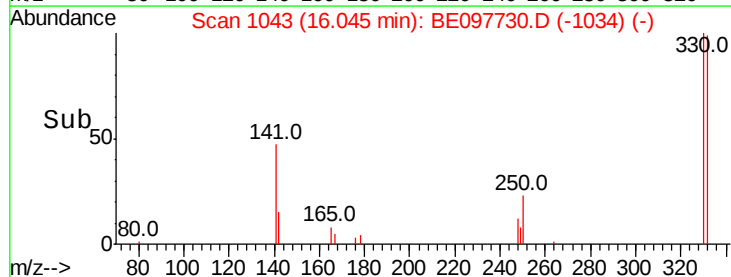
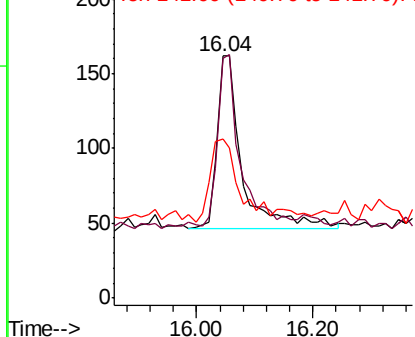


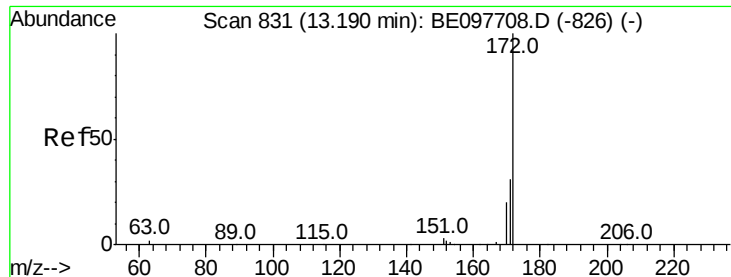
#14
 2,4,6-Tribromophenol
 Concen: 0.306 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BE097730.D
 Acq: 4 Oct 2018 18:00

Tgt Ion:330 Resp: 348
 Ion Ratio Lower Upper
 330 100
 332 87.9 83.5 125.3
 141 55.2 34.9 52.3#



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

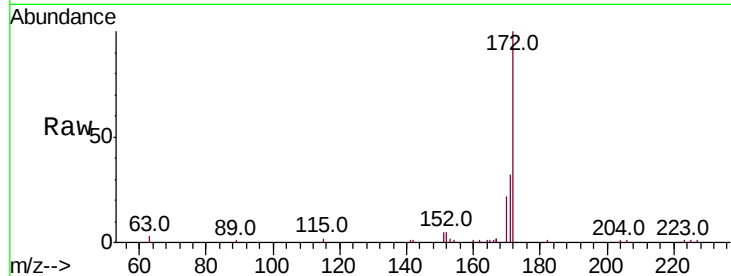




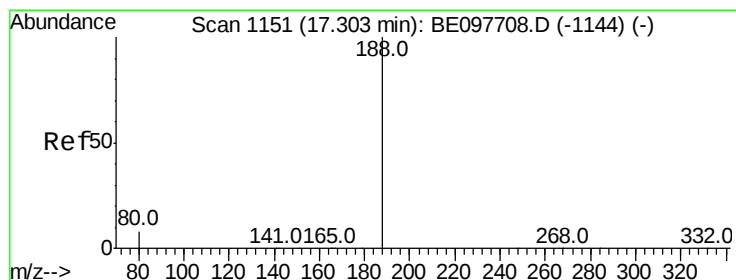
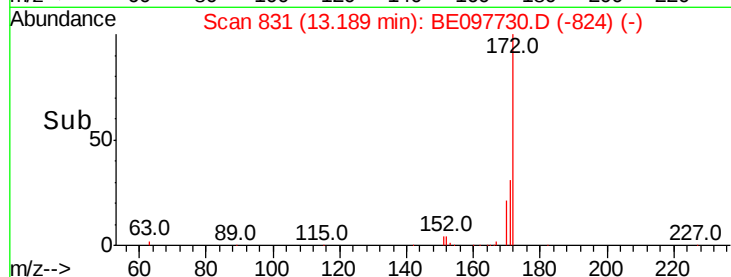
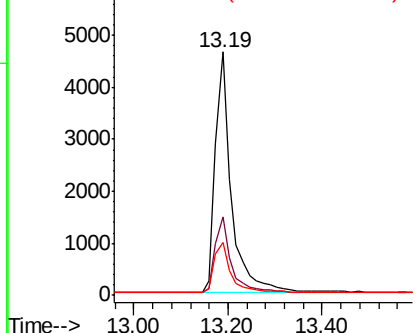
#15
2-Fluorobiphenyl
Concen: 0.401 ng
RT: 13.19 min Scan# 831
Delta R.T. -0.00 min
Lab File: BE097730.D
Acq: 4 Oct 2018 18:00

Instrument :
BNA_E
ClientSampleId :
PB113508TB

Tot Ion:172 Resp: 11051
Ion Ratio Lower Upper
172 100
171 32.2 25.2 37.8
170 21.9 16.2 24.2

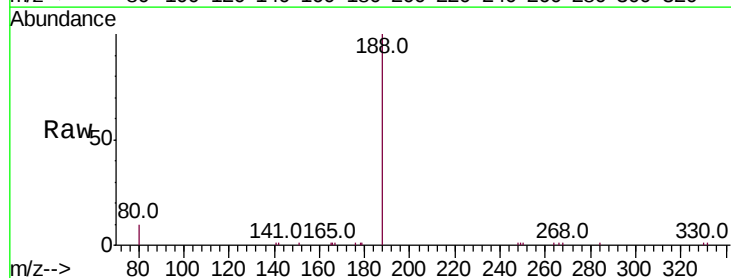


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

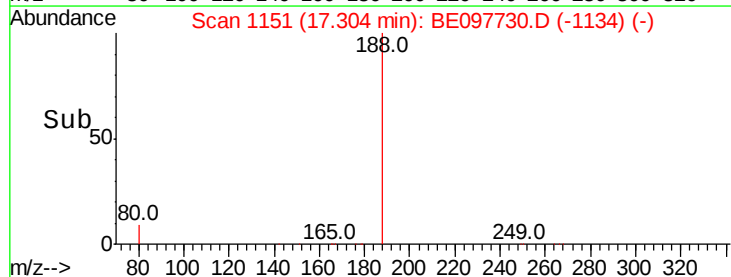
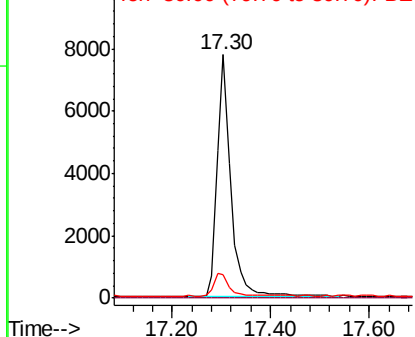


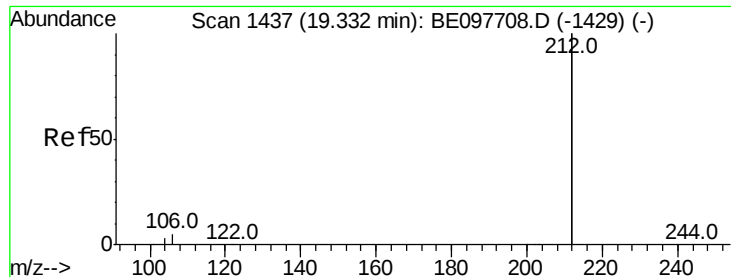
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE097730.D
Acq: 4 Oct 2018 18:00

Tgt Ion:188 Resp: 14962
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 6.6 9.8



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: 0.316 ng

RT: 19.33 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BE097730.D

Acq: 4 Oct 2018 18:00

Instrument :

BNA_E

ClientSampleId :

PB113508TB

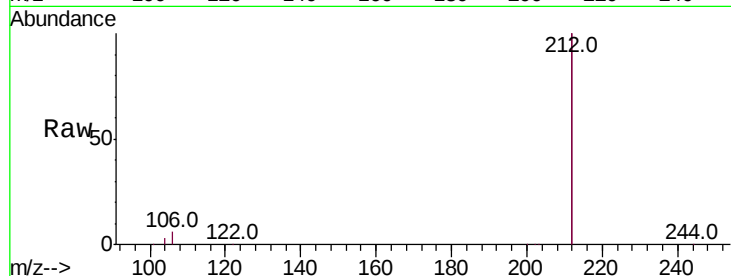
Tot Ion:212 Resp: 59823

Ion Ratio Lower Upper

212 100

106 2.8 2.2 3.2

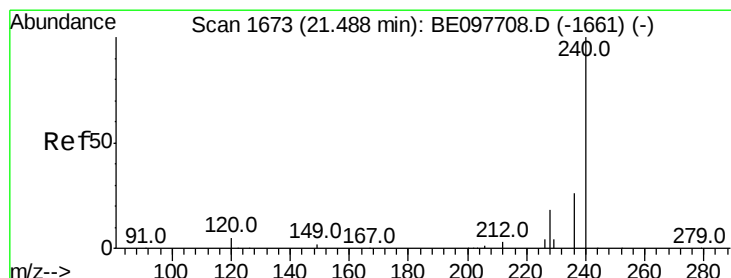
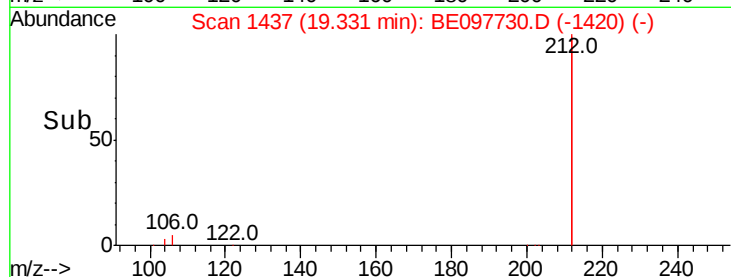
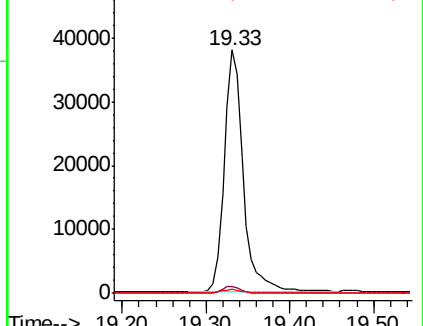
104 1.6 1.2 1.8



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: 21.49 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BE097730.D

Acq: 4 Oct 2018 18:00

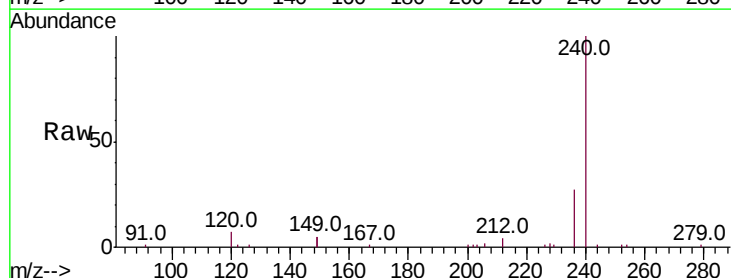
Tgt Ion:240 Resp: 15083

Ion Ratio Lower Upper

240 100

120 6.9 4.7 7.1

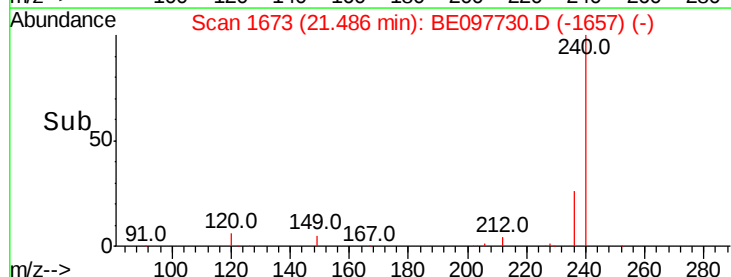
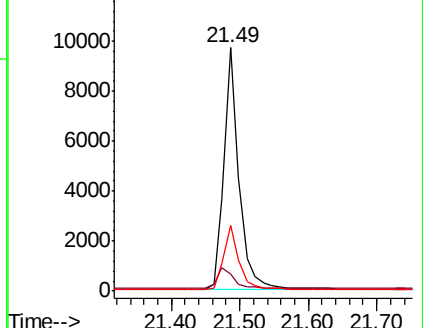
236 26.9 20.8 31.2

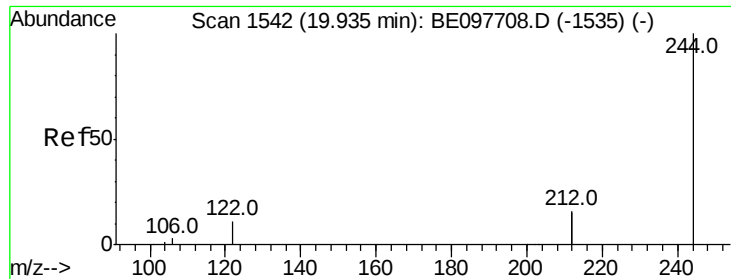


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.345 ng

RT: 19.93 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BE097730.D

Acq: 4 Oct 2018 18:00

Instrument :

BNA_E

ClientSampleId :

PB113508TB

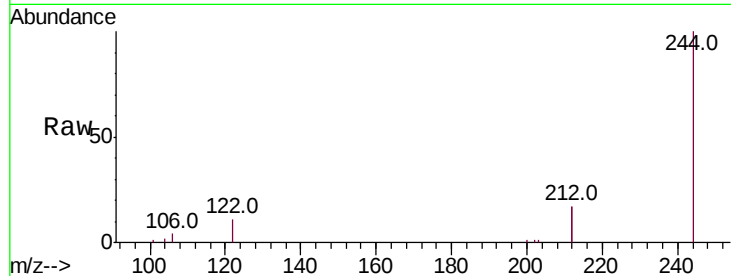
Tot Ion:244 Resp: 10610

Ion Ratio Lower Upper

244 100

212 33.8 25.8 38.8

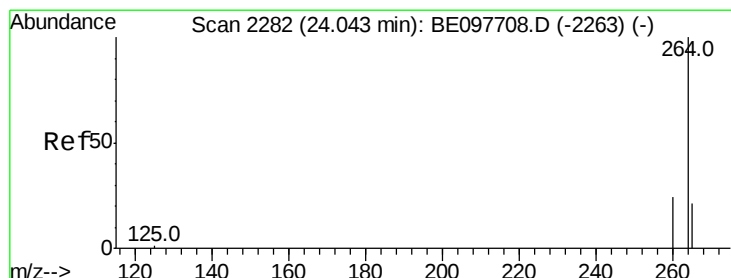
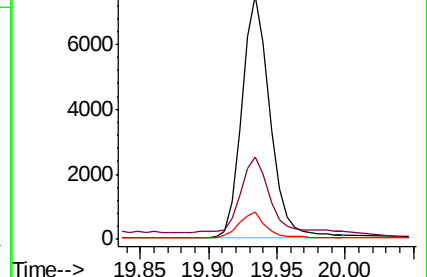
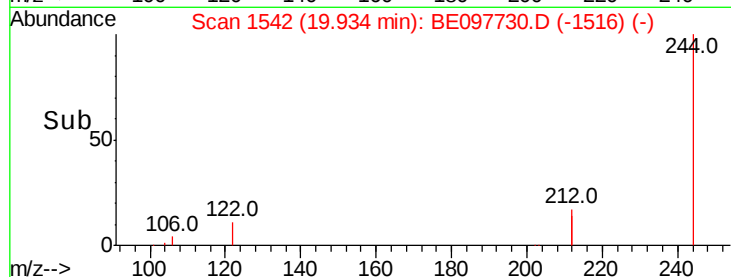
122 11.3 8.7 13.1



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: 24.04 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BE097730.D

Acq: 4 Oct 2018 18:00

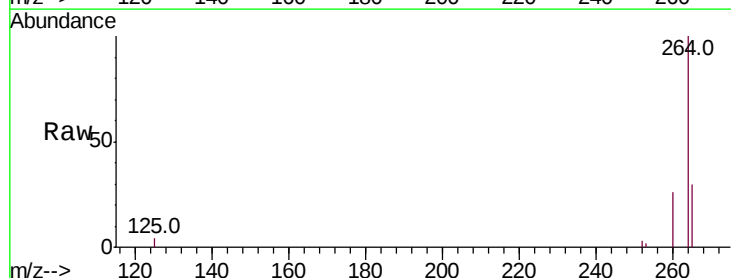
Tgt Ion:264 Resp: 15486

Ion Ratio Lower Upper

264 100

260 25.6 19.1 28.7

265 30.1 21.9 32.9



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

