

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121518\
 Data File : BE098501.D
 Acq On : 16 Dec 2018 10:29
 Operator : SJ/JU
 Sample : J6405-02DL 2X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TT101D1-20181212DL

Quant Time: Dec 17 03:01:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

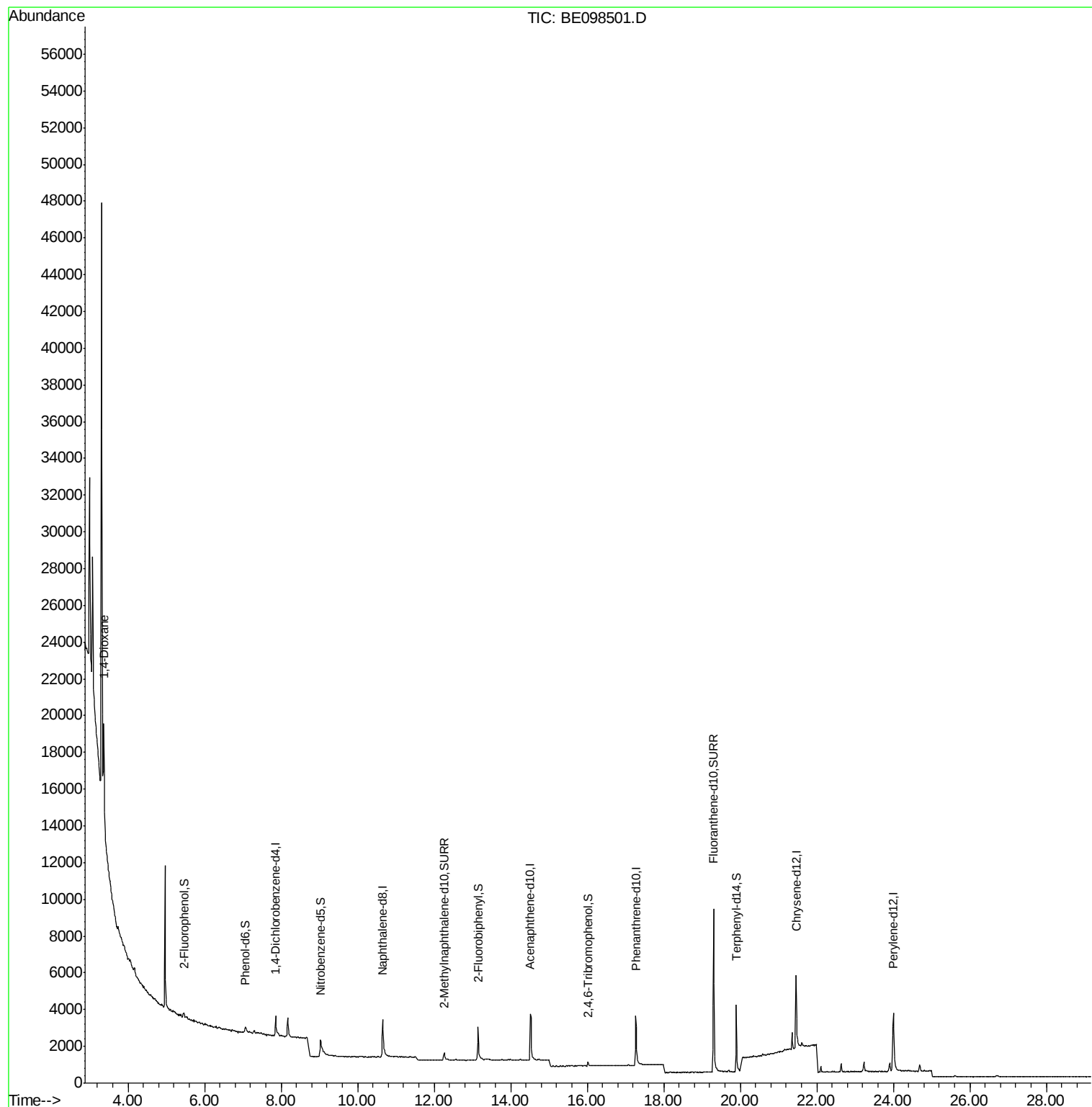
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	732	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	3035	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	1967	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	5186	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	6022	0.40	ng	0.00
34) Perylene-d12	24.00	264	5872	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	223	0.13	ng	0.01
5) Phenol-d6	7.05	99	196	0.08	ng	0.00
8) Nitrobenzene-d5	9.03	82	828	0.30	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	936	0.19	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	175	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	2544	0.31	ng	0.00
25) Fluoranthene-d10	19.30	212	13799	0.21	ng	0.00
29) Terphenyl-d14	19.90	244	3843	0.26	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.36	88	2535	2.002	ng	Qvalue # 87

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

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QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration



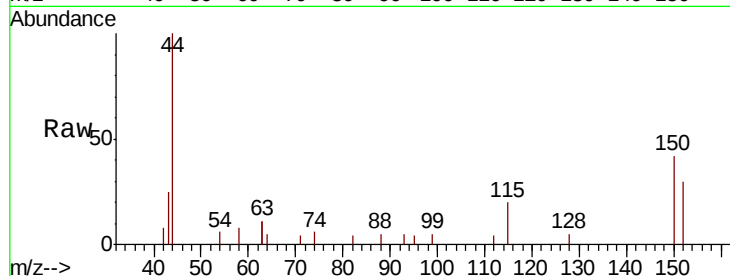


#1

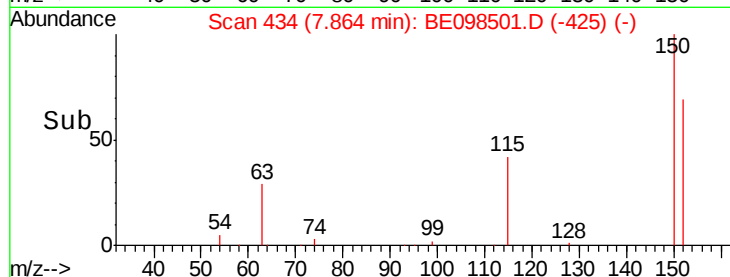
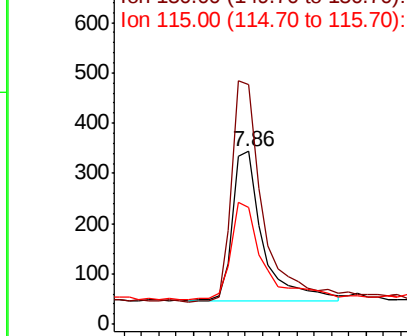
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098501.D
Acq: 16 Dec 2018 10:29

Instrument :
BNA_E
ClientSampleId :
TT101D1-20181212DL

Tot Ion:152 Resp: 732
Ion Ratio Lower Upper
152 100
150 139.0 124.2 186.4
115 67.2 53.9 80.9



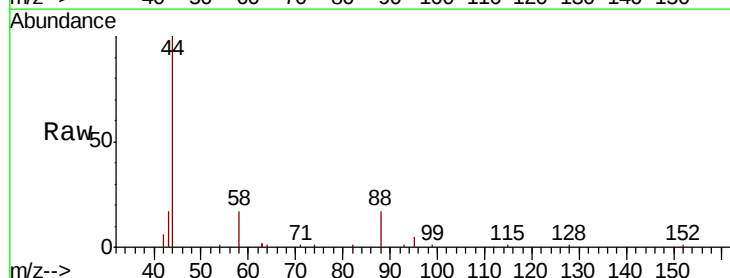
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



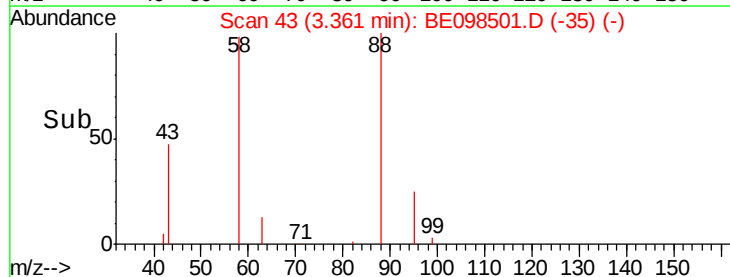
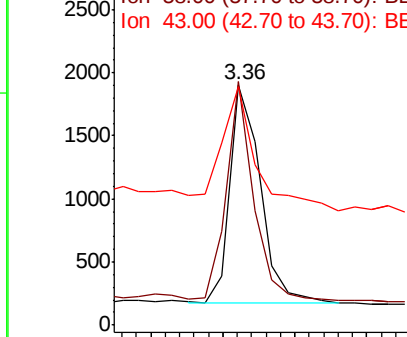
#2

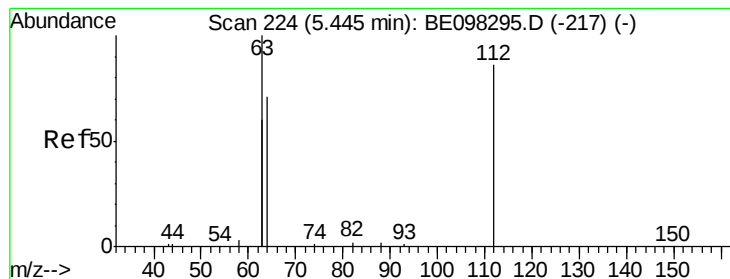
1,4-Dioxane
Concen: 2.002 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098501.D
Acq: 16 Dec 2018 10:29

Tgt Ion: 88 Resp: 2535
Ion Ratio Lower Upper
88 100
58 88.2 75.0 112.6
43 66.0 38.3 57.5#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.130 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098501.D

Acq: 16 Dec 2018 10:29

Instrument :

BNA_E

ClientSampleId :

TT101D1-20181212DL

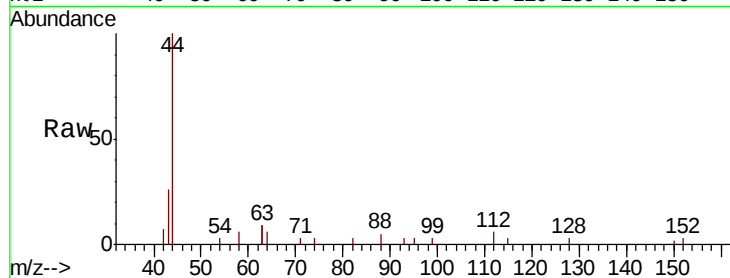
Tot Ion: 112 Resp: 223

Ion Ratio Lower Upper

112 100

64 80.7 59.8 89.8

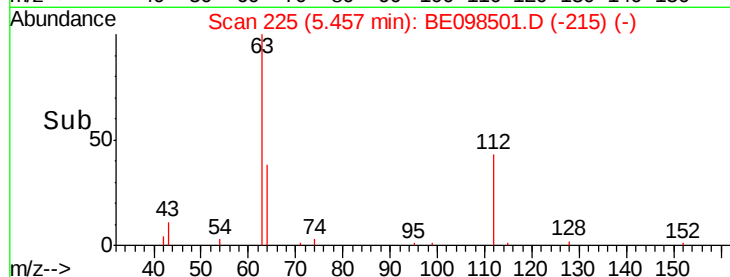
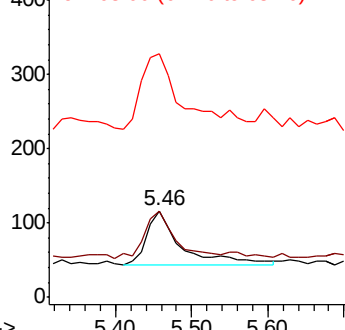
63 174.9 133.7 200.5



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.081 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098501.D

Acq: 16 Dec 2018 10:29

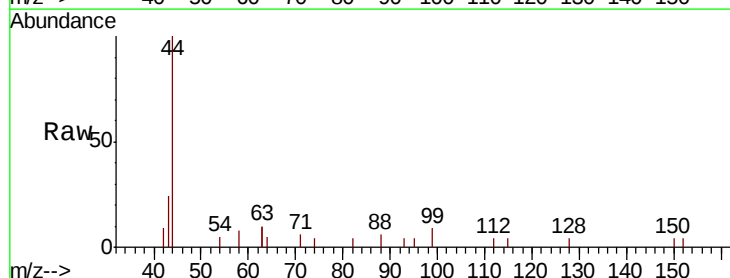
Tgt Ion: 99 Resp: 196

Ion Ratio Lower Upper

99 100

42 78.1 26.3 39.5#

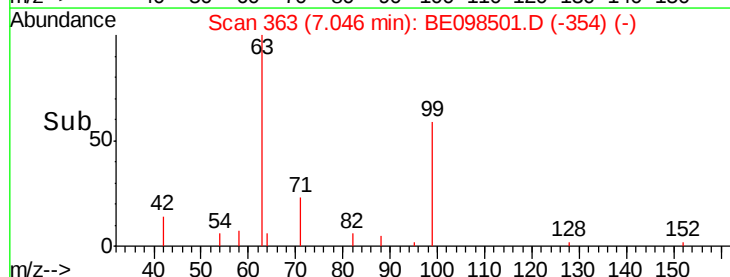
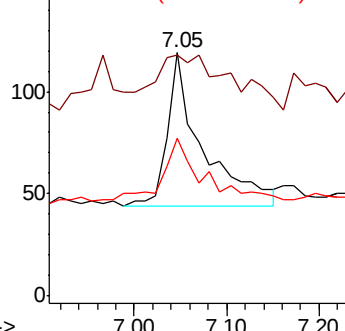
71 43.4 33.6 50.4



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: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098501.D

Acq: 16 Dec 2018 10:29

Instrument :

BNA_E

ClientSampleId :

TT101D1-20181212DL

Tot Ion:136 Resp: 3035

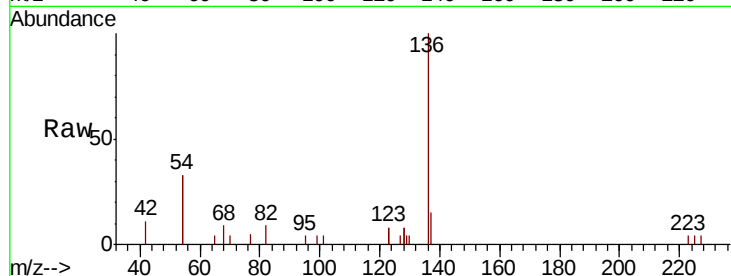
Ion Ratio Lower Upper

136 100

137 15.5 9.2 13.8#

54 66.8 28.4 42.6#

68 9.1 5.4 8.0#

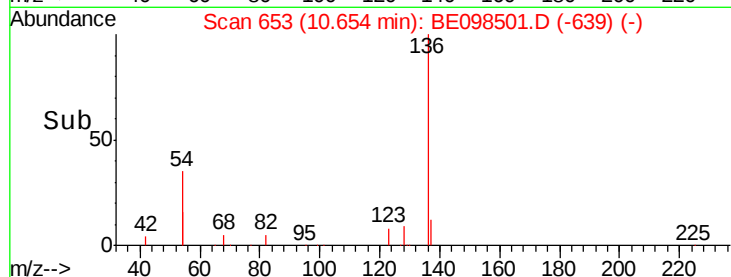
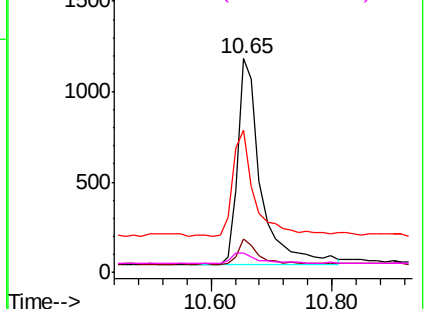


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.300 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098501.D

Acq: 16 Dec 2018 10:29

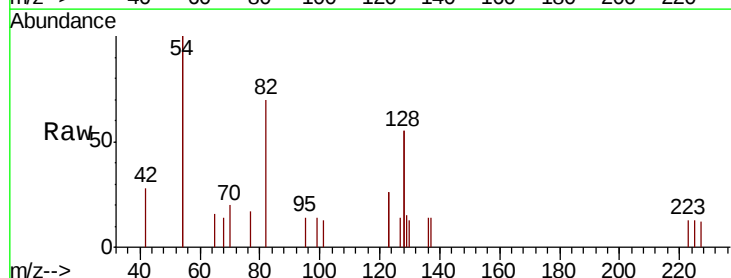
Tgt Ion: 82 Resp: 828

Ion Ratio Lower Upper

82 100

128 158.7 102.4 153.6#

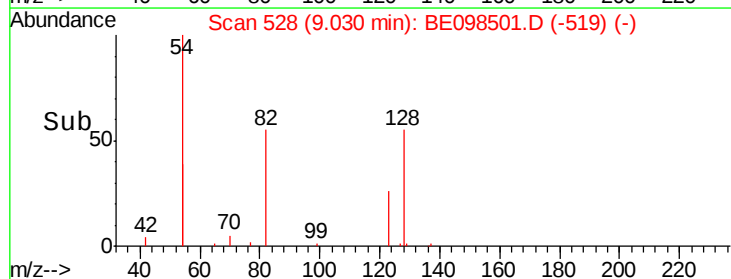
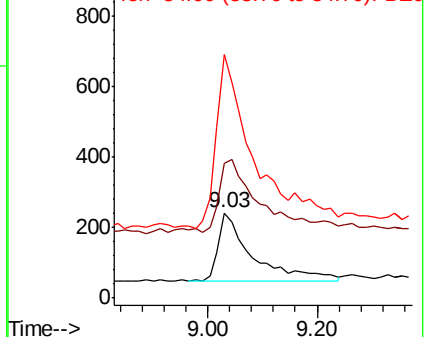
54 286.0 221.8 332.8

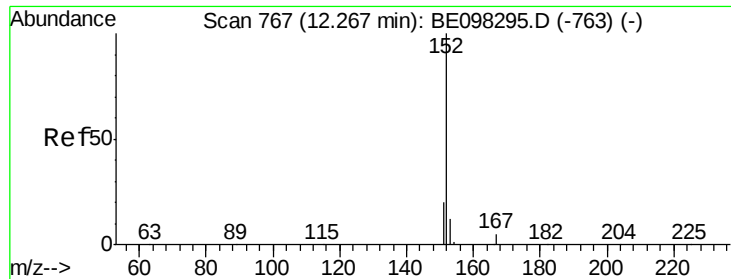


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

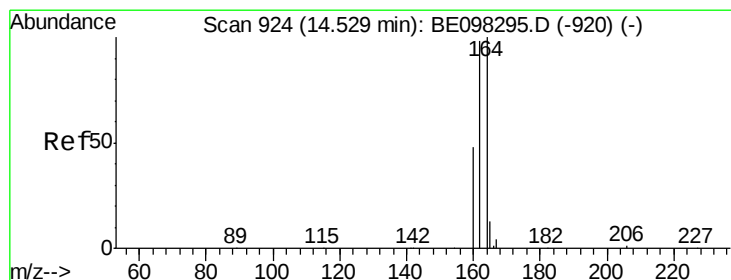
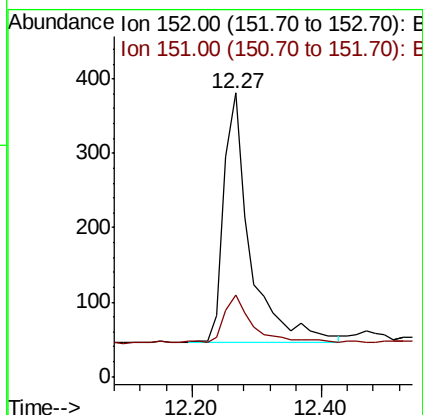
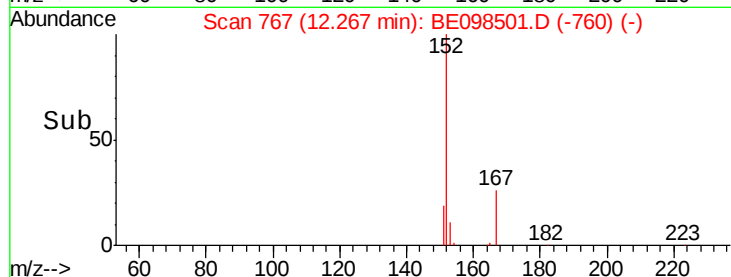
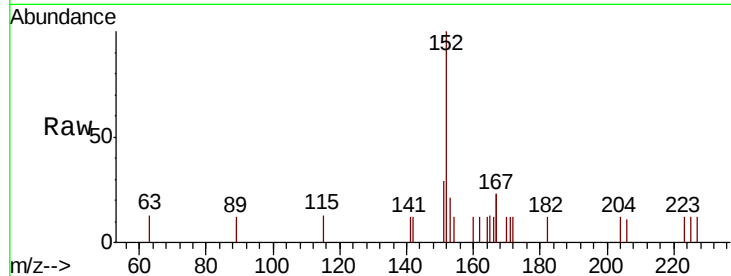




#11
 2-Methylnaphthalene-d10
 Concen: 0.190 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE098501.D
 Acq: 16 Dec 2018 10:29

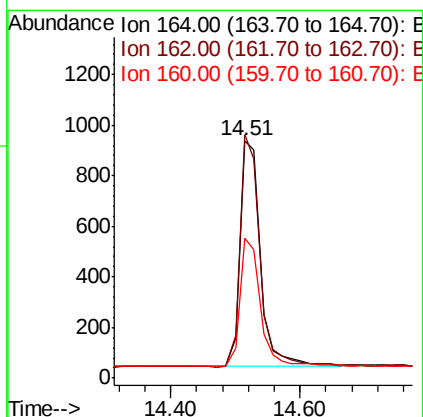
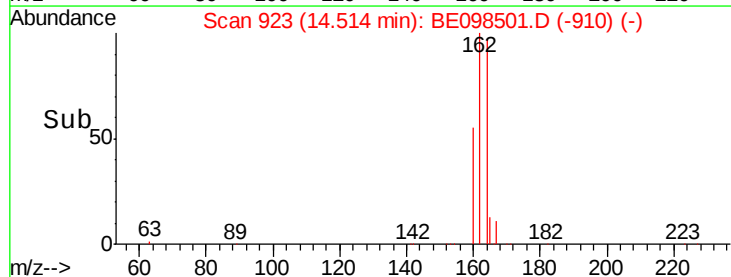
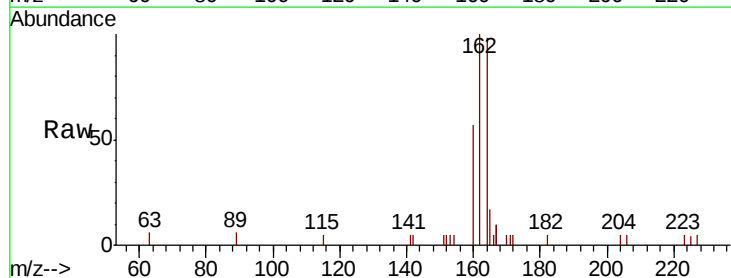
Instrument :
 BNA_E
 ClientSampleId :
 TT101D1-20181212DL

Tot Ion:152 Resp: 936
 Ion Ratio Lower Upper
 152 100
 151 21.3 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BE098501.D
 Acq: 16 Dec 2018 10:29

Tgt Ion:164 Resp: 1967
 Ion Ratio Lower Upper
 164 100
 162 102.4 77.6 116.4
 160 58.7 36.0 54.0#





#14

2,4,6-Tribromophenol

Concen: 0.242 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BE098501.D

Acq: 16 Dec 2018 10:29

Instrument :

BNA_E

ClientSampleId :

TT101D1-20181212DL

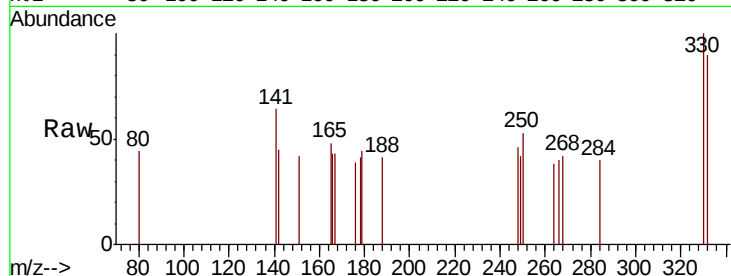
Tot Ion:330 Resp: 175

Ion Ratio Lower Upper

330 100

332 95.4 76.2 114.4

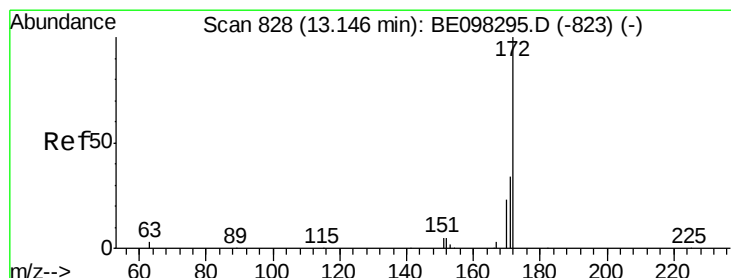
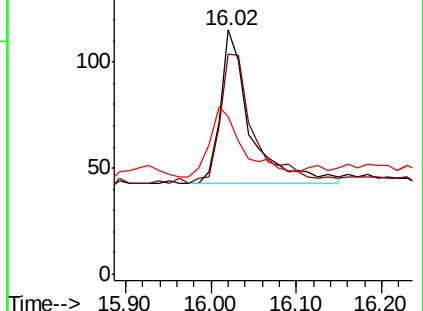
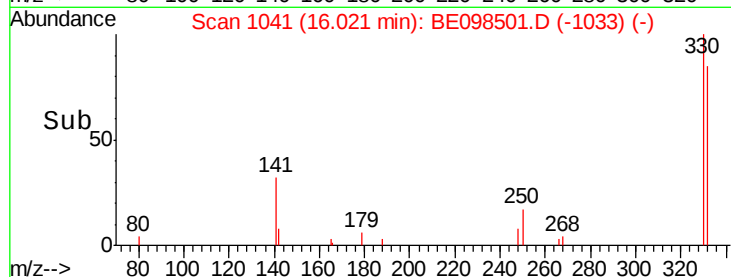
141 51.4 39.0 58.4



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: 0.307 ng

RT: 13.15 min Scan# 828

Delta R.T. 0.00 min

Lab File: BE098501.D

Acq: 16 Dec 2018 10:29

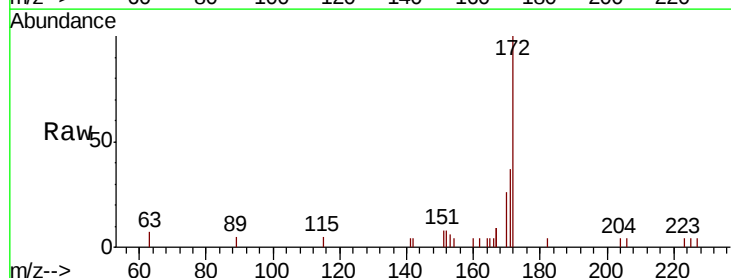
Tgt Ion:172 Resp: 2544

Ion Ratio Lower Upper

172 100

171 36.6 27.5 41.3

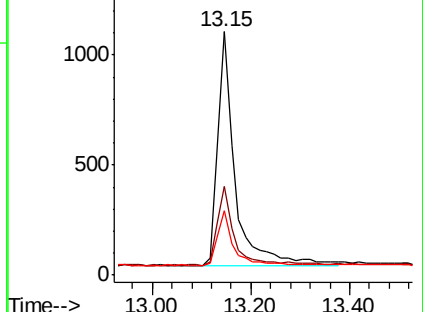
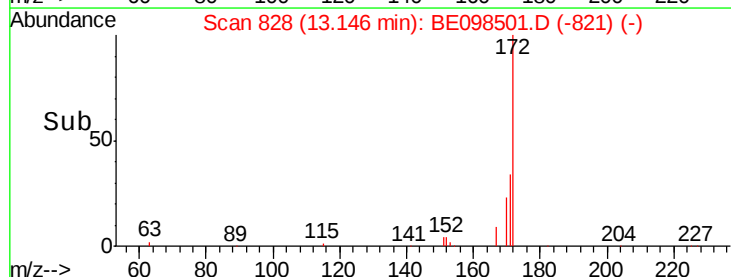
170 26.2 19.6 29.4

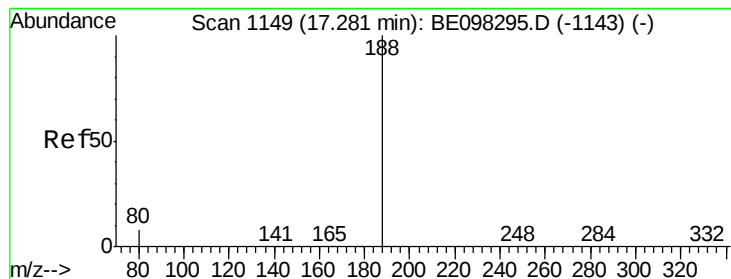


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098501.D

Acq: 16 Dec 2018 10:29

Instrument :

BNA_E

ClientSampleId :

TT101D1-20181212DL

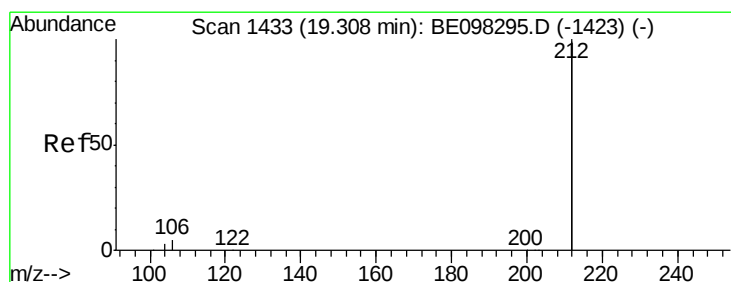
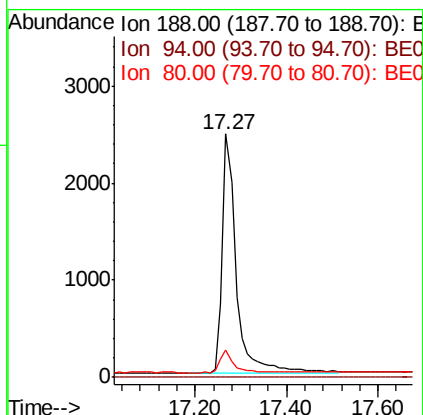
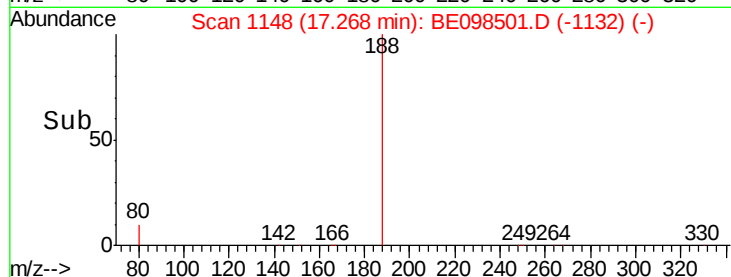
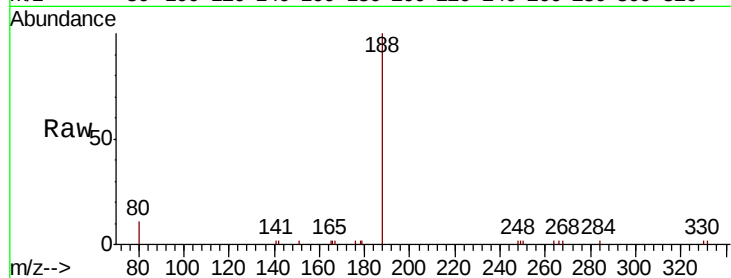
Tot Ion:188 Resp: 5186

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.4 7.2 10.8#



#25

Fluoranthene-d10

Concen: 0.207 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098501.D

Acq: 16 Dec 2018 10:29

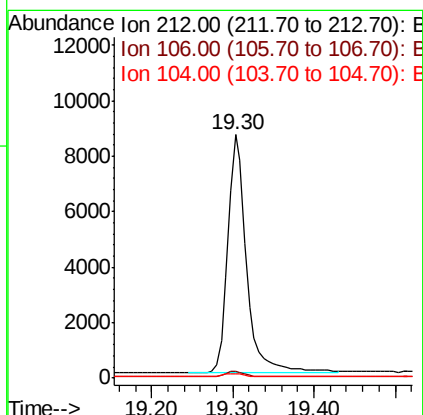
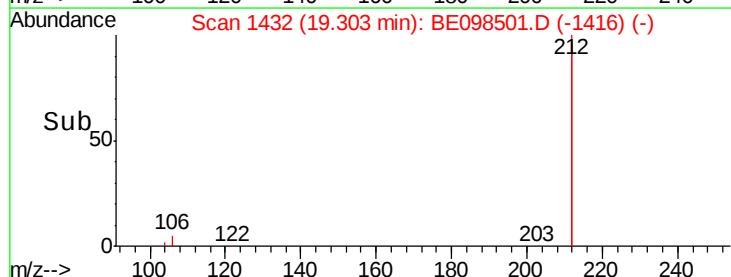
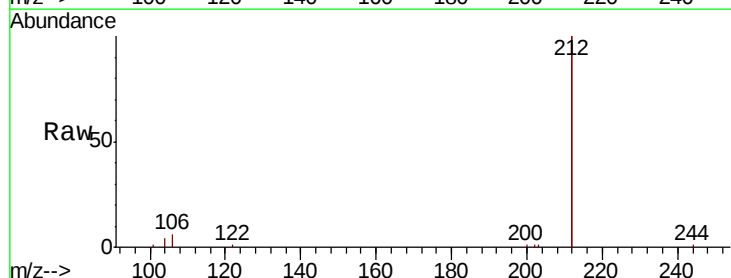
Tgt Ion:212 Resp: 13799

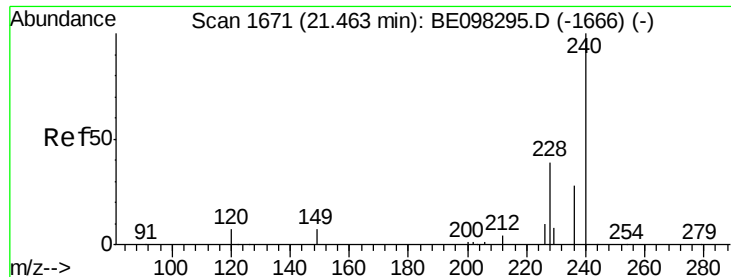
Ion Ratio Lower Upper

212 100

106 2.4 2.2 3.2

104 1.5 1.3 1.9

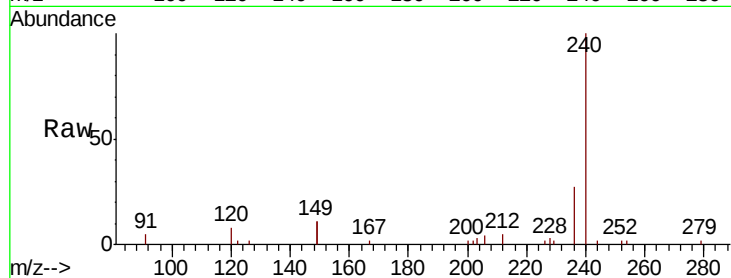




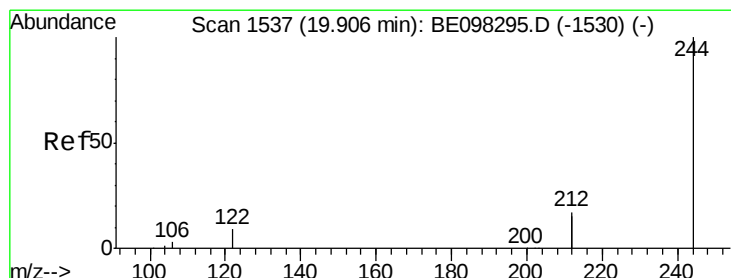
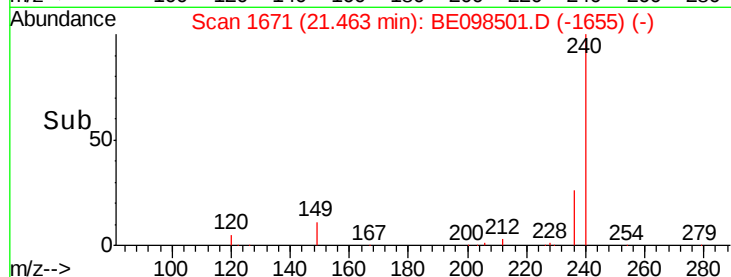
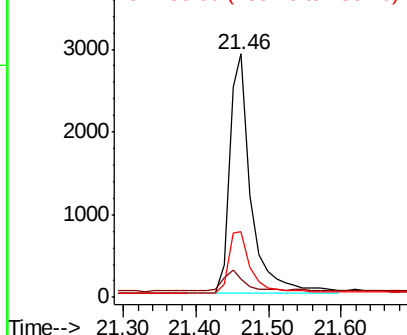
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098501.D
Acq: 16 Dec 2018 10:29

Instrument :
BNA_E
ClientSampleId :
TT101D1-20181212DL

Tot Ion:240 Resp: 6022
Ion Ratio Lower Upper
240 100
120 7.6 9.5 14.3#
236 27.0 22.7 34.1

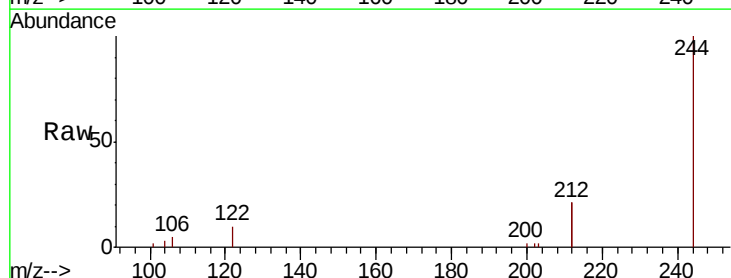


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

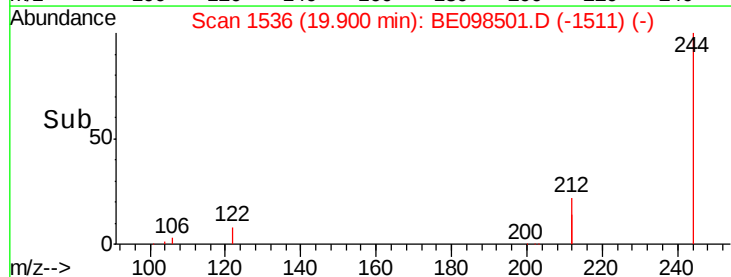
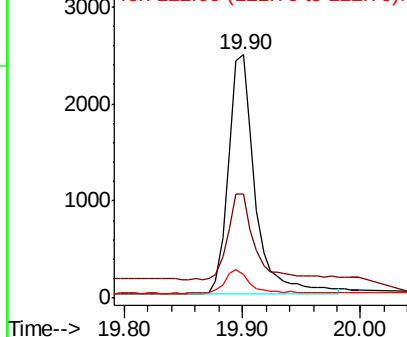


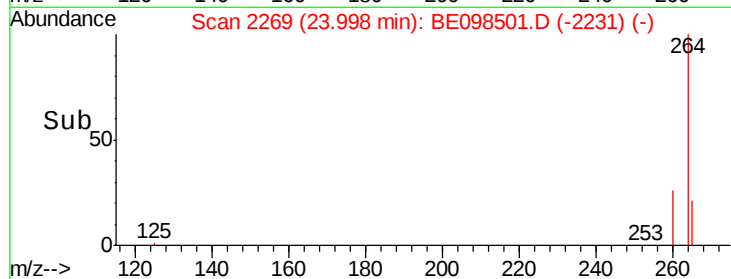
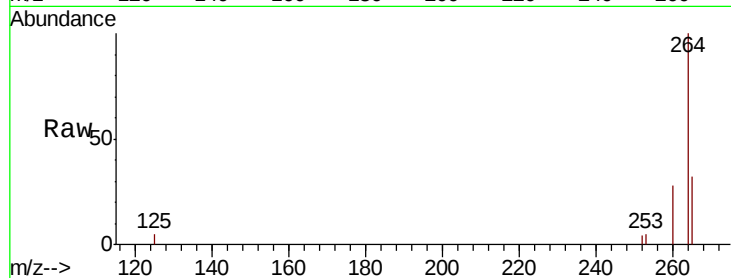
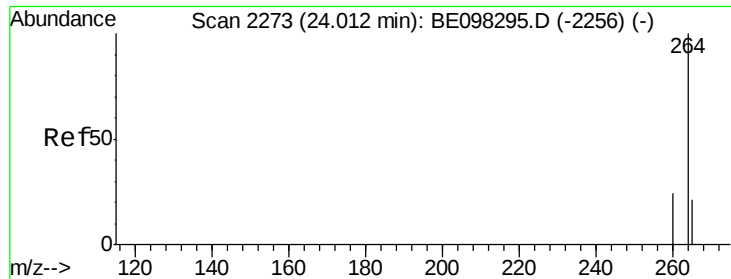
#29
Terphenyl-d14
Concen: 0.263 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BE098501.D
Acq: 16 Dec 2018 10:29

Tgt Ion:244 Resp: 3843
Ion Ratio Lower Upper
244 100
212 42.8 27.4 41.0#
122 9.9 8.3 12.5



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

Pervlene-d12

Concen: 0.400 ng

RT: 24.00 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BE098501.D

Acq: 16 Dec 2018 10:29

Instrument :

BNA_E

ClientSampleId :

TT101D1-20181212DL

Tot Ion:264 Resp: 5872

Ion Ratio Lower Upper

264 100

260 27.7 20.2 30.2

265 32.2 25.2 37.8

