

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101718\
 Data File : BE097953.D
 Acq On : 17 Oct 2018 18:53
 Operator : SJ/JU
 Sample : J5317-11DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-108D1-20181004DL

Quant Time: Oct 18 10:45:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 15:36:44 2018
 Response via : Initial Calibration

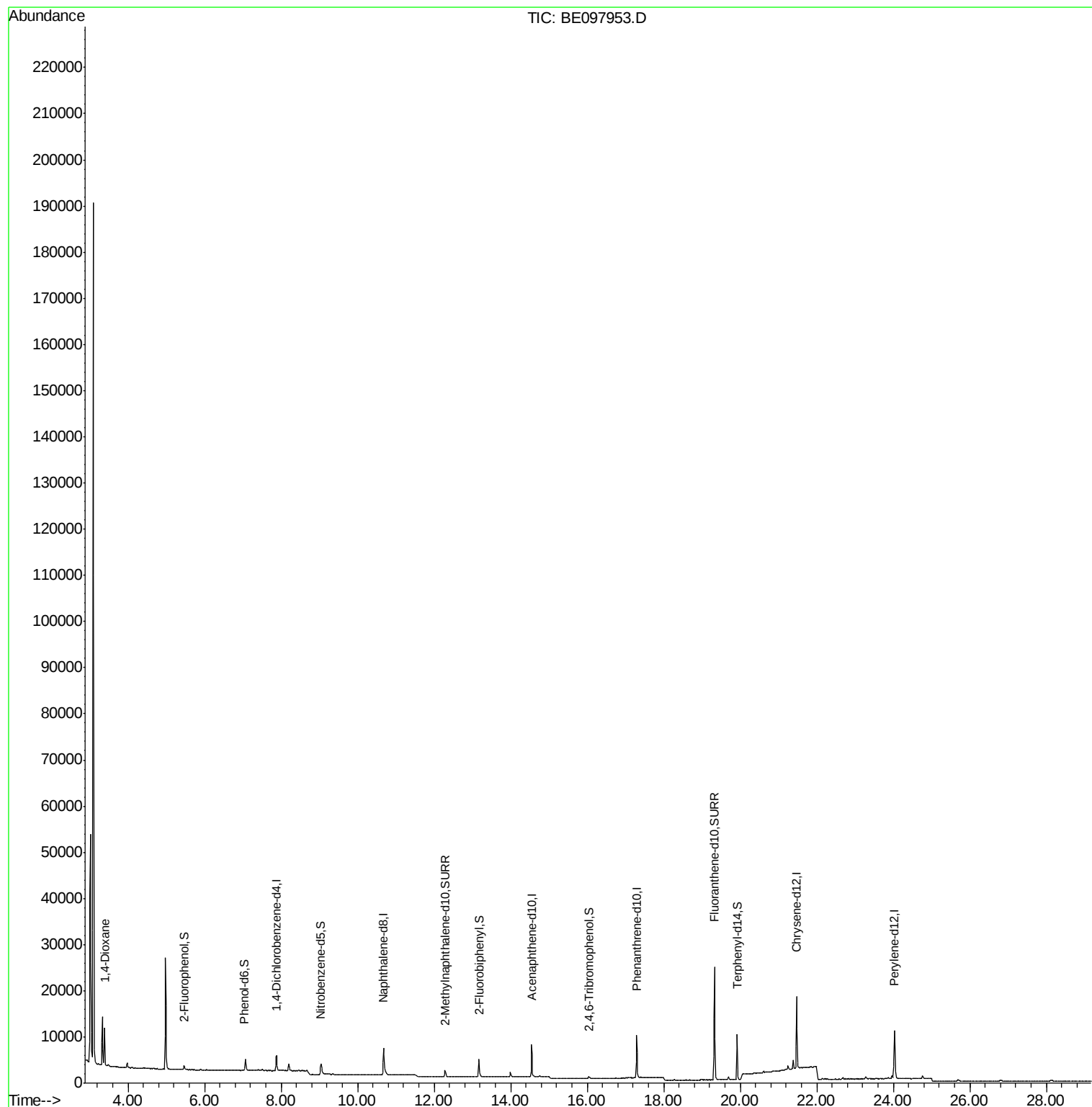
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1678	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	7117	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	4535	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	12601	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	16060	0.40	ng	-0.01
34) Perylene-d12	24.03	264	16368	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	493	0.09	ng	0.00
5) Phenol-d6	7.04	99	435	0.06	ng	-0.01
8) Nitrobenzene-d5	9.04	82	1262	0.19	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	2246	0.19	ng	-0.01
14) 2,4,6-Tribromophenol	16.04	330	296	0.12	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	4399	0.24	ng	0.00
25) Fluoranthene-d10	19.33	212	33336	0.20	ng	0.00
29) Terphenyl-d14	19.92	244	8992	0.24	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.38	88	5290	1.808	ng	Qvalue 94

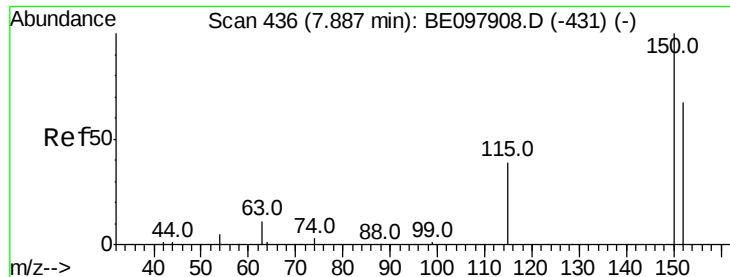
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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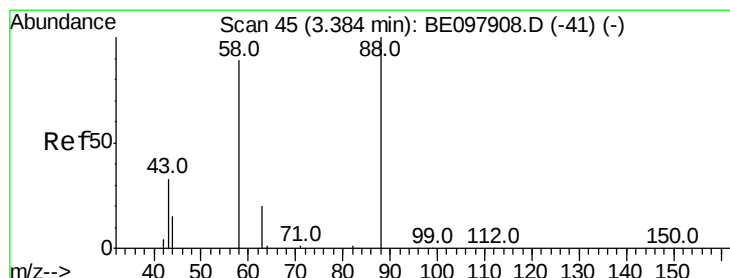
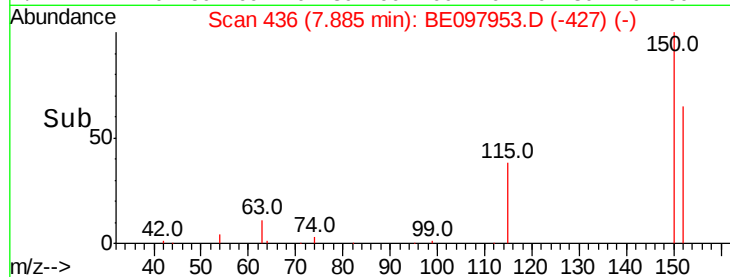
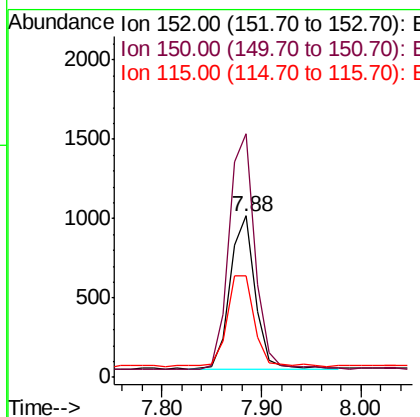
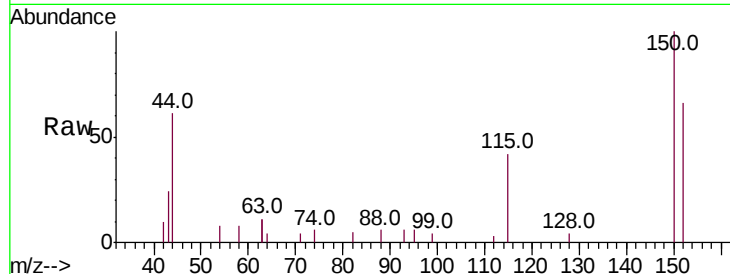




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.88 min Scan# 436
 Delta R.T. -0.00 min
 Lab File: BE097953.D
 Acq: 17 Oct 2018 18:53

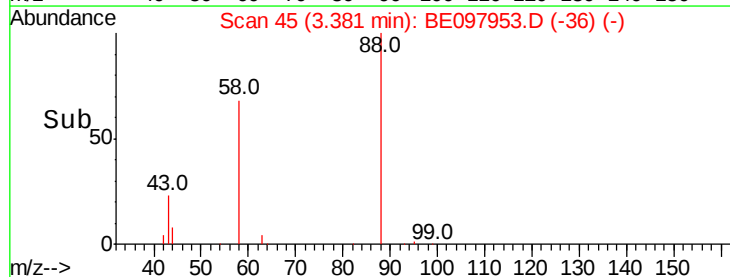
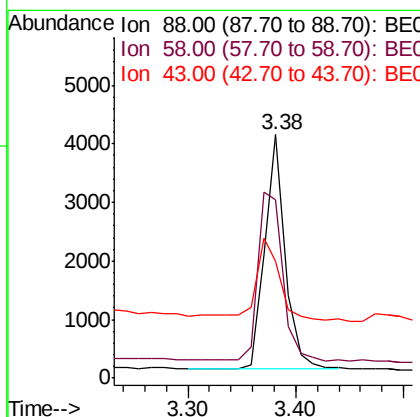
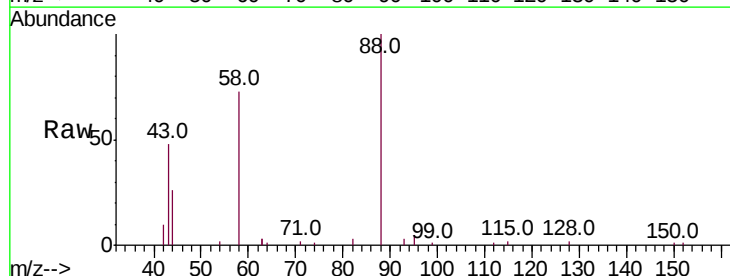
Instrument :
 BNA_E
 ClientSampleId :
 RE-108D1-20181004DL

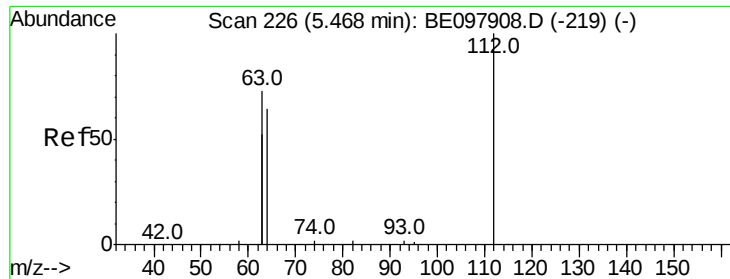
Tot Ion:152 Resp: 1678
 Ion Ratio Lower Upper
 152 100
 150 150.8 118.2 177.4
 115 63.1 50.9 76.3



#2
 1,4-Dioxane
 Concen: 1.808 ng
 RT: 3.38 min Scan# 45
 Delta R.T. -0.00 min
 Lab File: BE097953.D
 Acq: 17 Oct 2018 18:53

Tgt Ion: 88 Resp: 5290
 Ion Ratio Lower Upper
 88 100
 58 87.1 73.2 109.8
 43 40.5 36.9 55.3





#4

2-Fluorophenol

Concen: 0.093 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097953.D

Acq: 17 Oct 2018 18:53

Instrument :

BNA_E

ClientSampleId :

RE-108D1-20181004DL

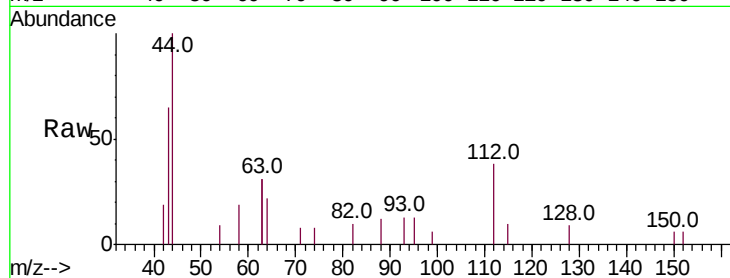
Tot Ion: 112 Resp: 493

Ion Ratio Lower Upper

112 100

64 64.7 58.9 88.3

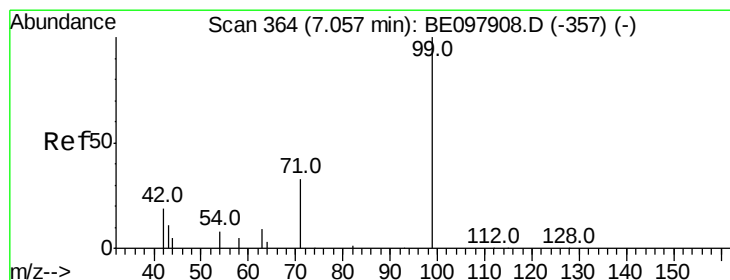
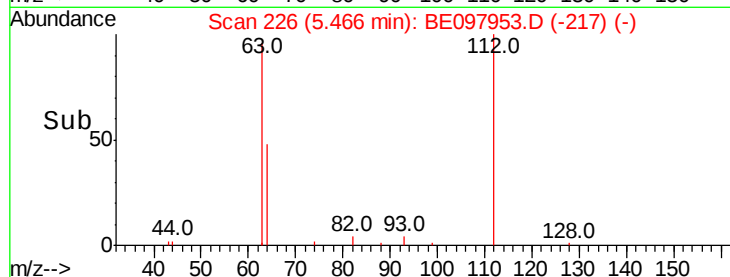
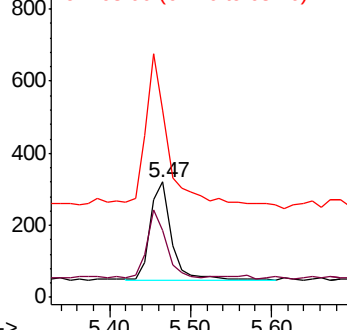
63 178.9 120.3 180.5



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: 0.056 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.01 min

Lab File: BE097953.D

Acq: 17 Oct 2018 18:53

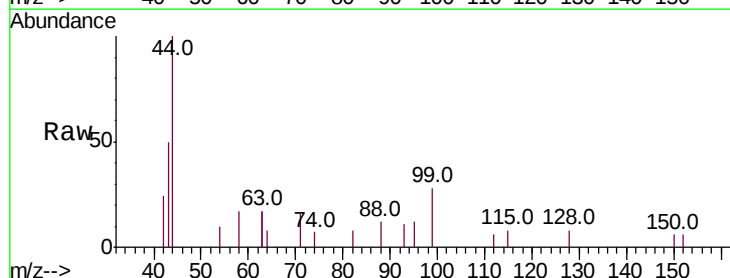
Tgt Ion: 99 Resp: 435

Ion Ratio Lower Upper

99 100

42 56.8 19.9 29.9#

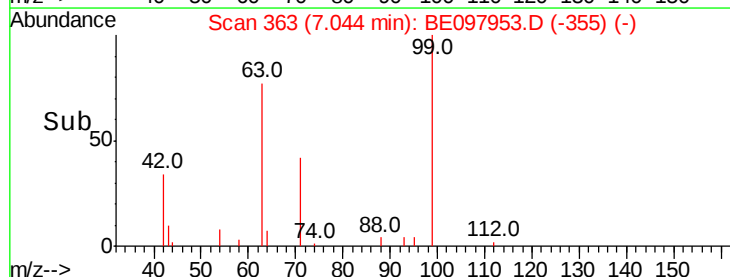
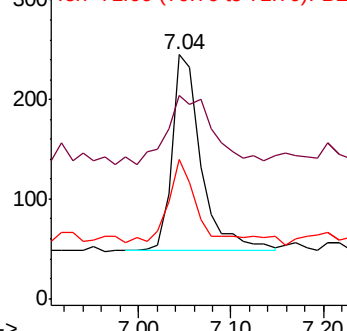
71 40.2 27.8 41.8

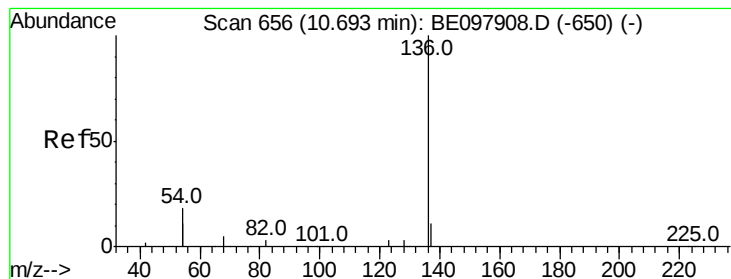


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.68 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE097953.D

Acq: 17 Oct 2018 18:53

Instrument :

BNA_E

ClientSampleId :

RE-108D1-20181004DL

Tot Ion:136 Resp: 7117

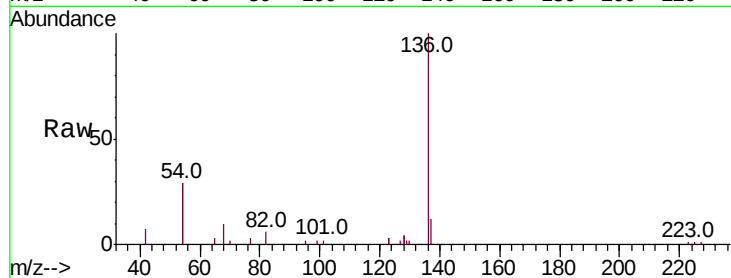
Ion Ratio Lower Upper

136 100

137 12.2 9.6 14.4

54 57.7 27.7 41.5#

68 10.4 5.3 7.9#

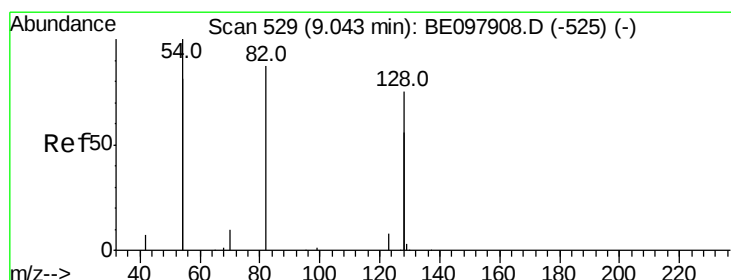
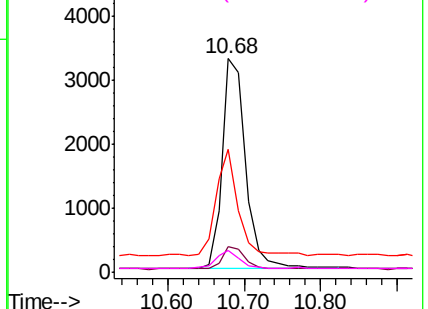
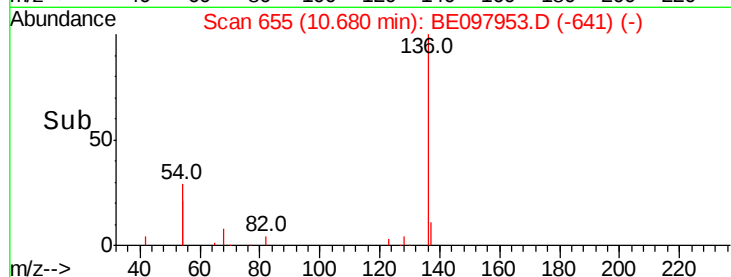


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.187 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097953.D

Acq: 17 Oct 2018 18:53

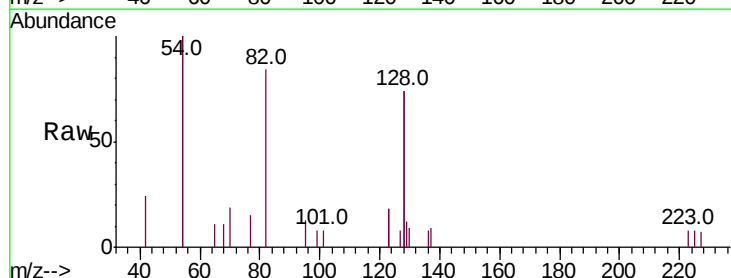
Tgt Ion: 82 Resp: 1262

Ion Ratio Lower Upper

82 100

128 176.0 129.9 194.9

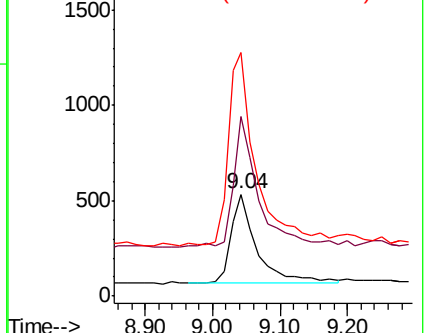
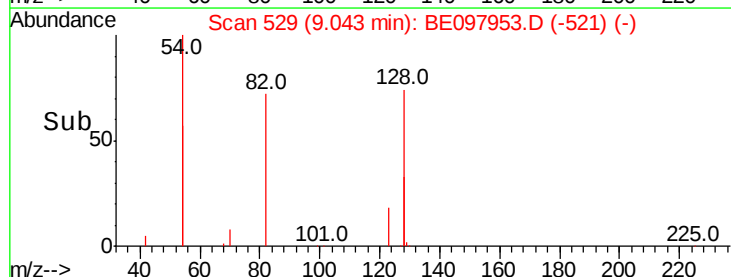
54 239.4 174.0 261.0

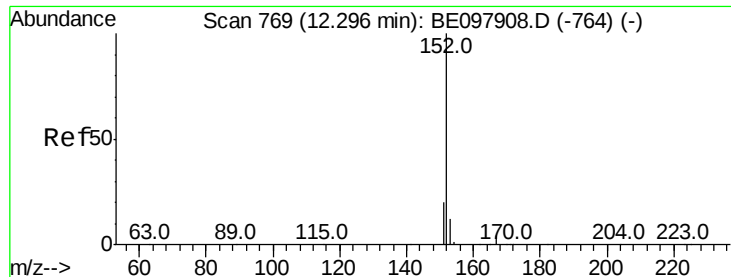


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

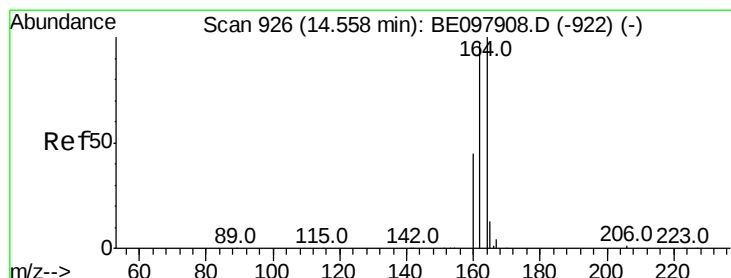
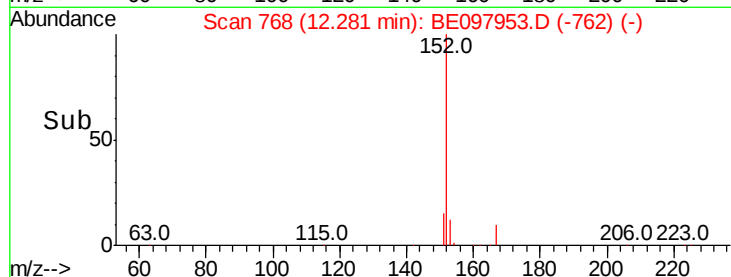
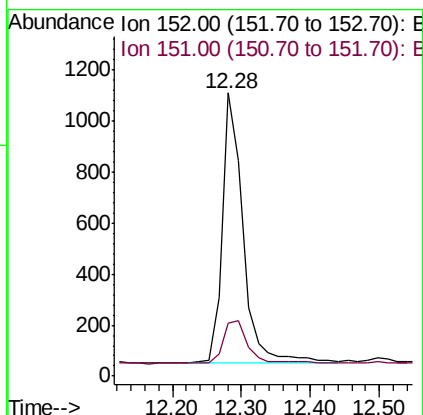
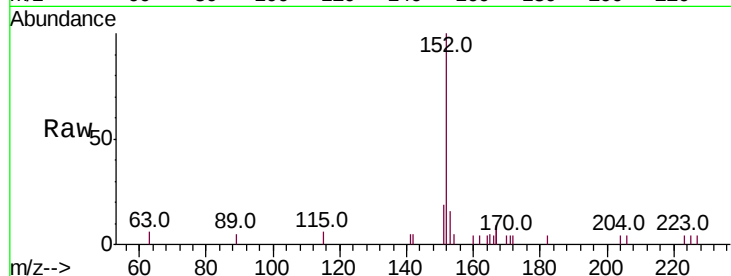




#11
 2-Methylnaphthalene-d10
 Concen: 0.190 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BE097953.D
 Acq: 17 Oct 2018 18:53

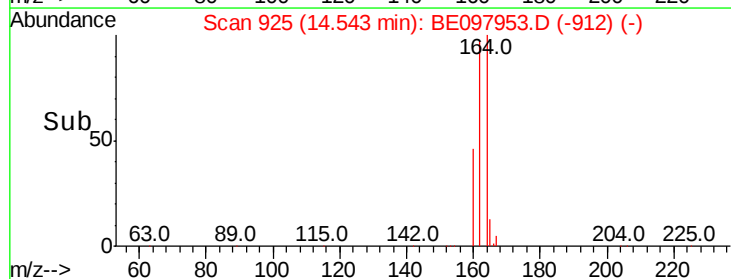
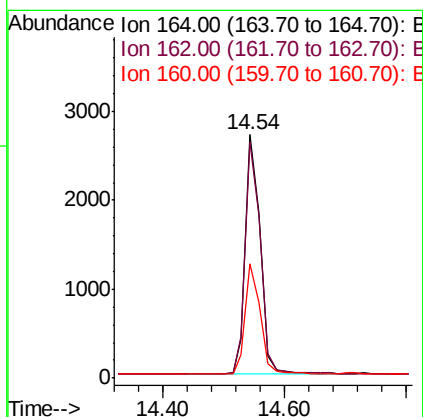
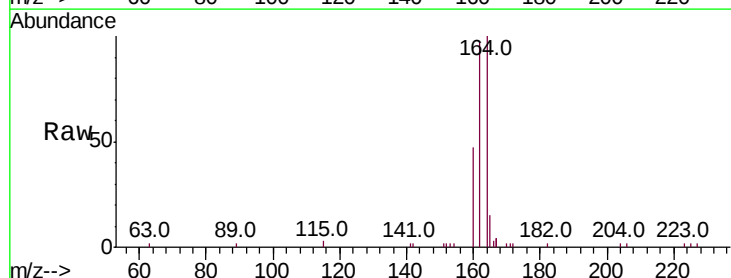
Instrument :
 BNA_E
 ClientSampleId :
 RE-108D1-20181004DL

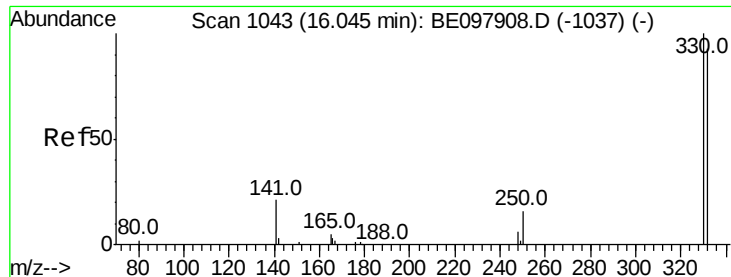
Tot Ion:152 Resp: 2246
 Ion Ratio Lower Upper
 152 100
 151 17.9 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BE097953.D
 Acq: 17 Oct 2018 18:53

Tgt Ion:164 Resp: 4535
 Ion Ratio Lower Upper
 164 100
 162 96.8 77.4 116.2
 160 46.8 36.5 54.7





#14

2,4,6-Tribromophenol

Concen: 0.121 ng

RT: 16.04 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BE097953.D

Acq: 17 Oct 2018 18:53

Instrument :

BNA_E

ClientSampleId :

RE-108D1-20181004DL

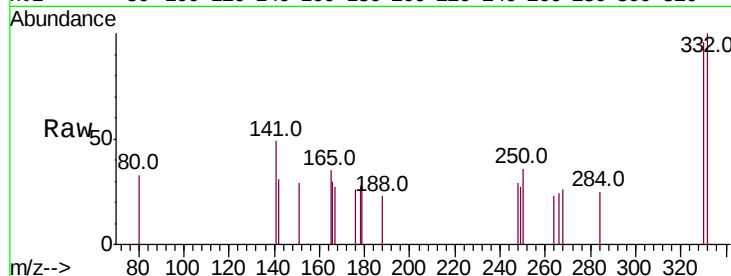
Tot Ion:330 Resp: 296

Ion Ratio Lower Upper

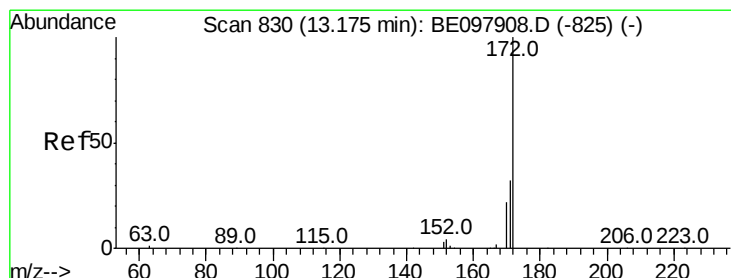
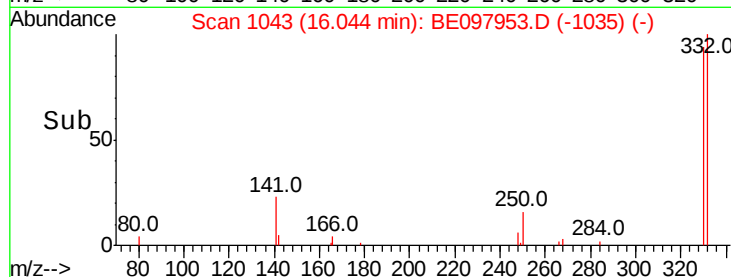
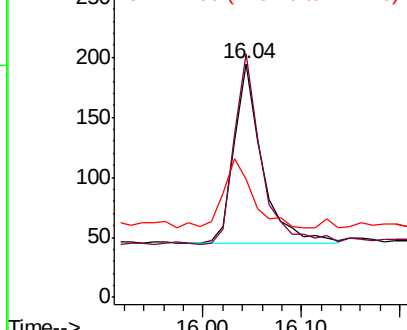
330 100

332 106.8 76.5 114.7

141 40.5 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: 0.237 ng

RT: 13.17 min Scan# 830

Delta R.T. -0.00 min

Lab File: BE097953.D

Acq: 17 Oct 2018 18:53

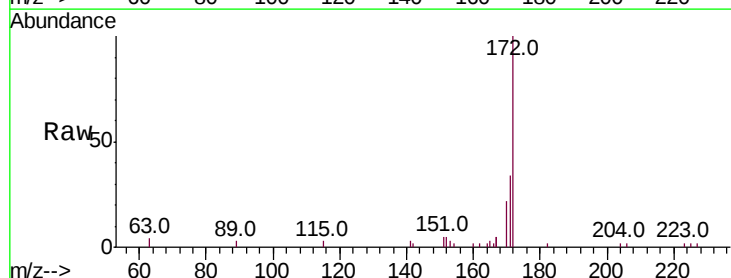
Tgt Ion:172 Resp: 4399

Ion Ratio Lower Upper

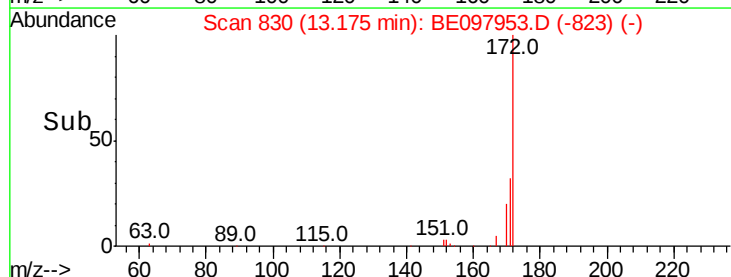
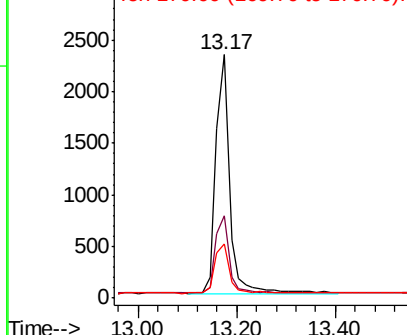
172 100

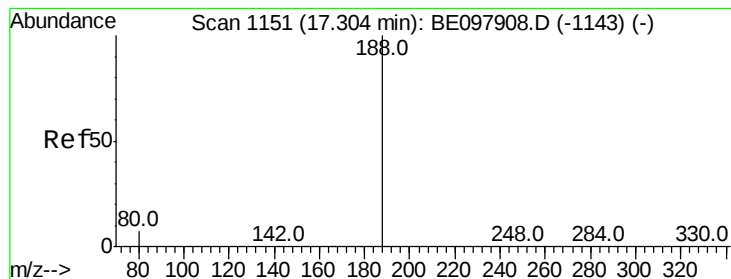
171 33.5 26.0 39.0

170 22.0 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: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097953.D

Acq: 17 Oct 2018 18:53

Instrument :

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ClientSampleId :

RE-108D1-20181004DL

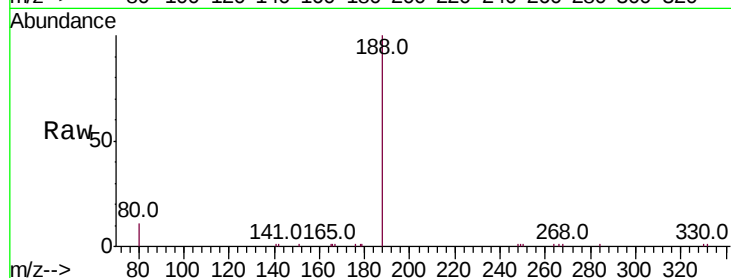
Tot Ion:188 Resp: 12601

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

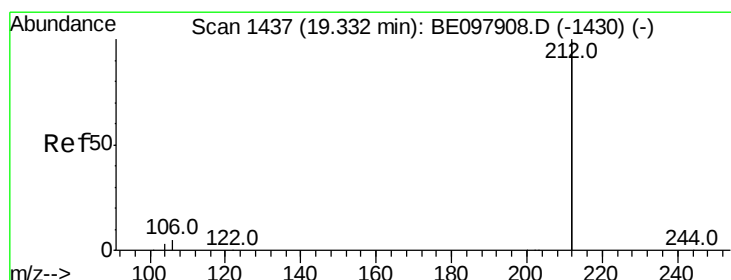
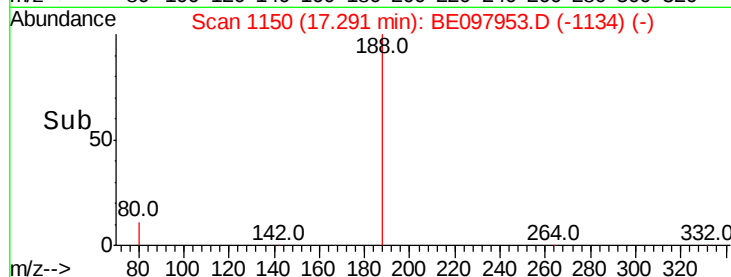
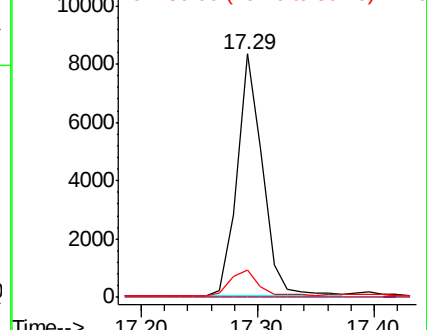
80 11.4 6.3 9.5#



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: 0.195 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097953.D

Acq: 17 Oct 2018 18:53

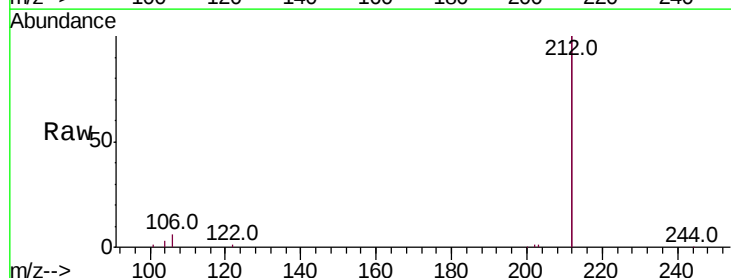
Tgt Ion:212 Resp: 33336

Ion Ratio Lower Upper

212 100

106 2.9 2.3 3.5

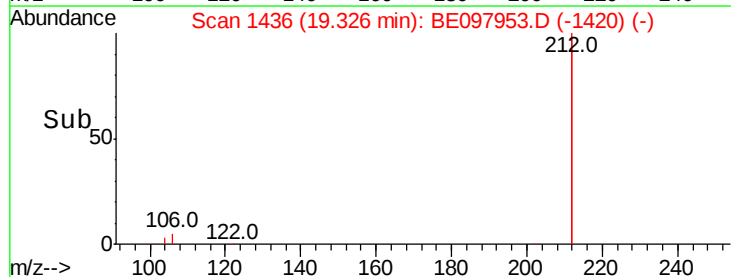
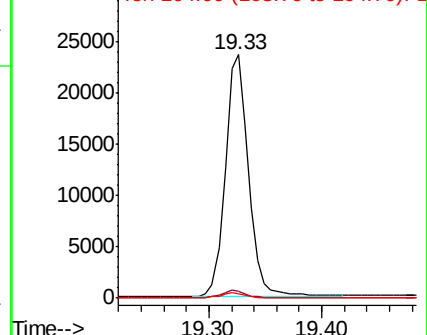
104 1.7 1.3 1.9

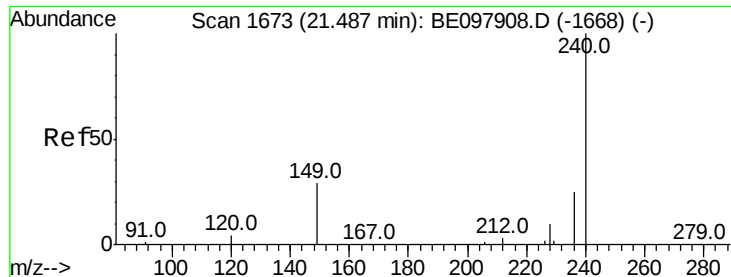


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

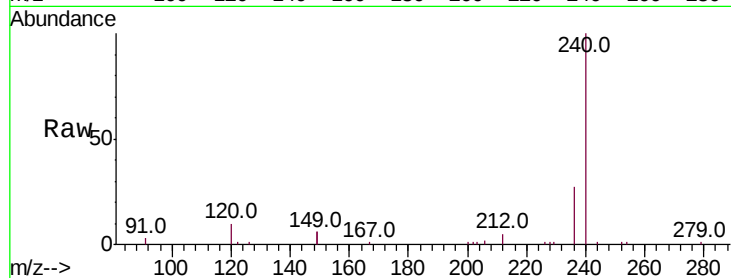




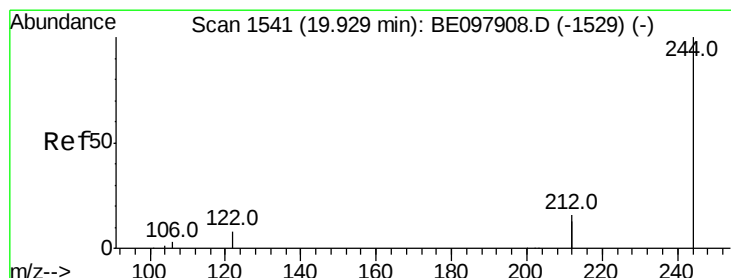
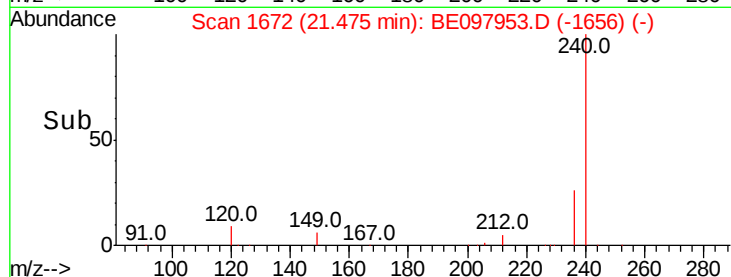
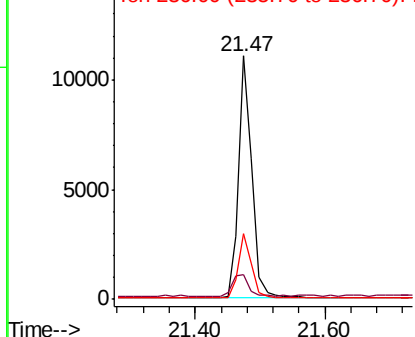
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.47 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097953.D
Acq: 17 Oct 2018 18:53

Instrument :
BNA_E
ClientSampleId :
RE-108D1-20181004DL

Tot Ion:240 Resp: 16060
Ion Ratio Lower Upper
240 100
120 10.0 7.1 10.7
236 26.9 21.3 31.9

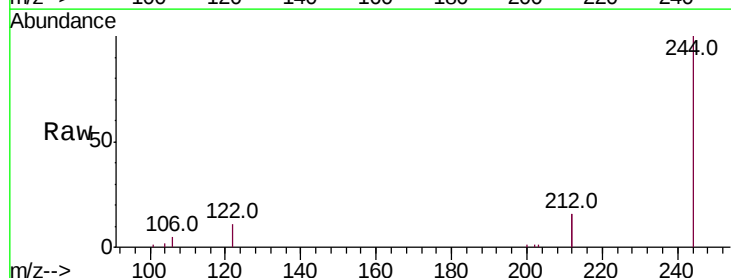


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

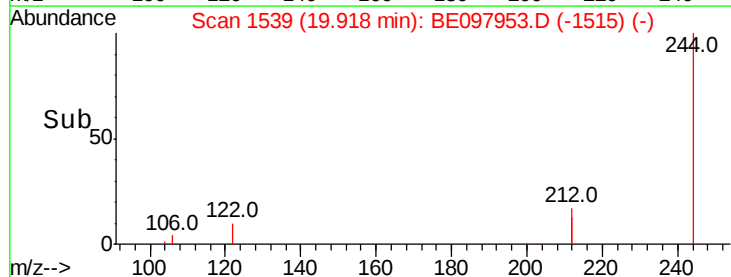
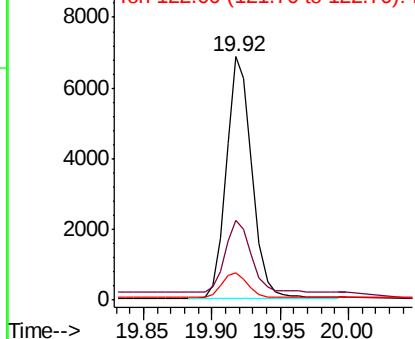


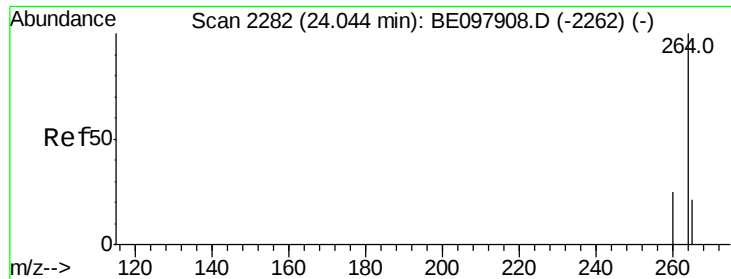
#29
Terphenyl-d14
Concen: 0.244 ng
RT: 19.92 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BE097953.D
Acq: 17 Oct 2018 18:53

Tgt Ion:244 Resp: 8992
Ion Ratio Lower Upper
244 100
212 33.0 26.2 39.2
122 11.0 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

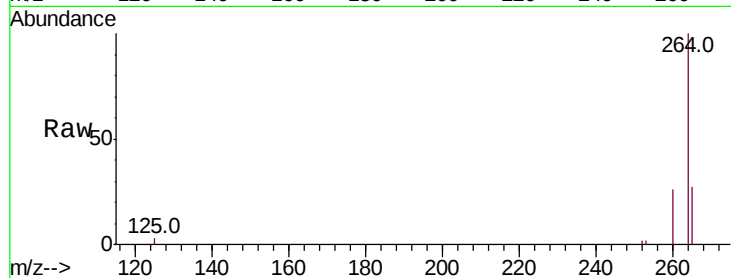




#34
Pervlene-d12
Concen: 0.400 ng
RT: 24.03 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BE097953.D
Acq: 17 Oct 2018 18:53

Instrument :
BNA_E
ClientSampleId :
RE-108D1-20181004DL

Tot Ion:264 Resp: 16368
Ion Ratio Lower Upper
264 100
260 25.6 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

