

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101718\
 Data File : BE097955.D
 Acq On : 17 Oct 2018 20:07
 Operator : SJ/JU
 Sample : J5317-13DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-109D3-20181005DL

Quant Time: Oct 18 10:47:02 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

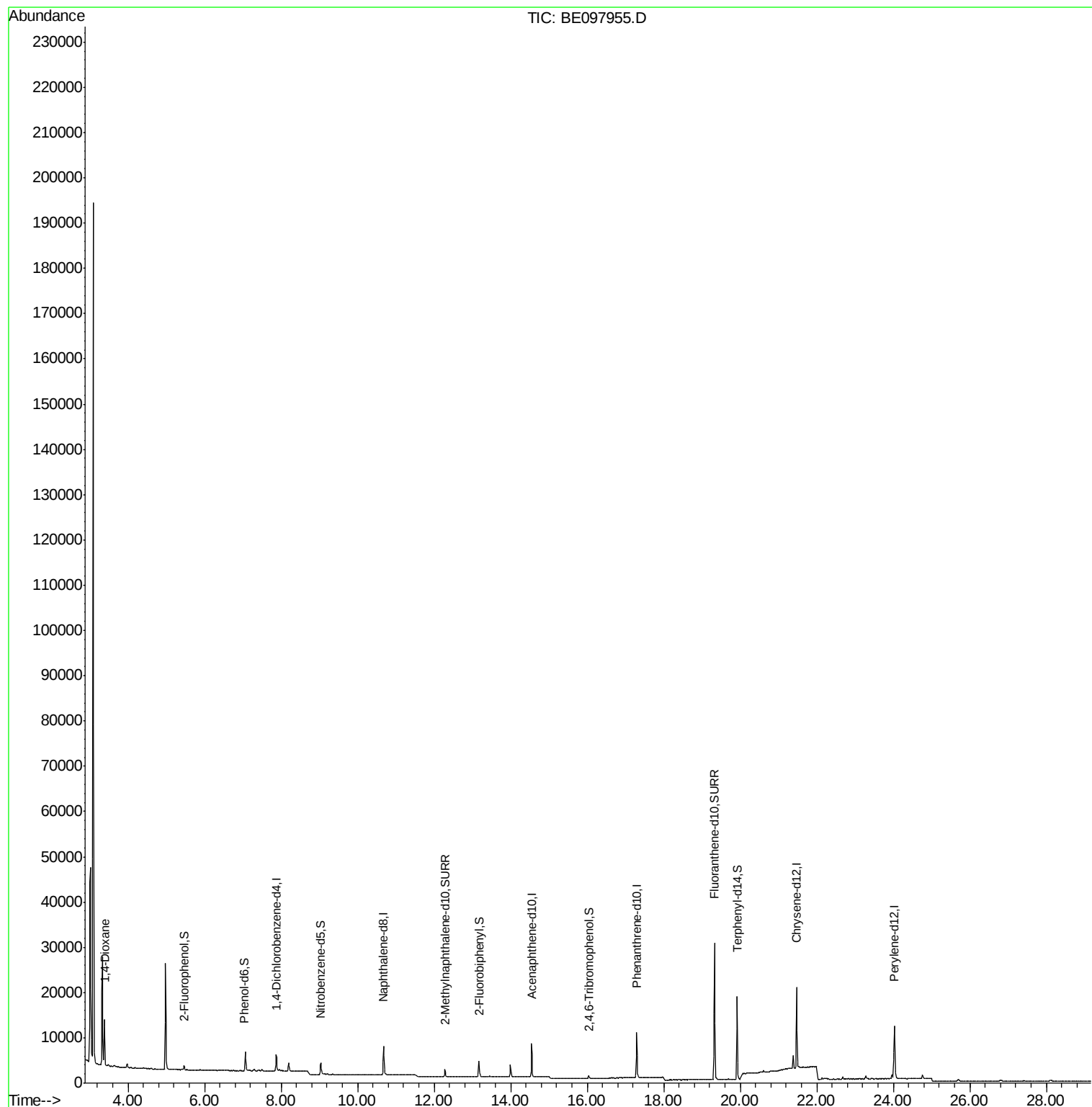
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1759	0.40	ng	-0.01
7) Naphthalene-d8	10.68	136	7297	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	4644	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	13693	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	17626	0.40	ng	-0.01
34) Perylene-d12	24.03	264	17923	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	530	0.10	ng	-0.01
5) Phenol-d6	7.05	99	448	0.05	ng	-0.01
8) Nitrobenzene-d5	9.04	82	1413	0.20	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	2466	0.20	ng	-0.01
14) 2,4,6-Tribromophenol	16.05	330	487	0.19	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	4358	0.23	ng	0.00
25) Fluoranthene-d10	19.33	212	40200	0.22	ng	0.00
29) Terphenyl-d14	19.92	244	16012	0.40	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.38	88	6256	2.040	ng	Qvalue 94

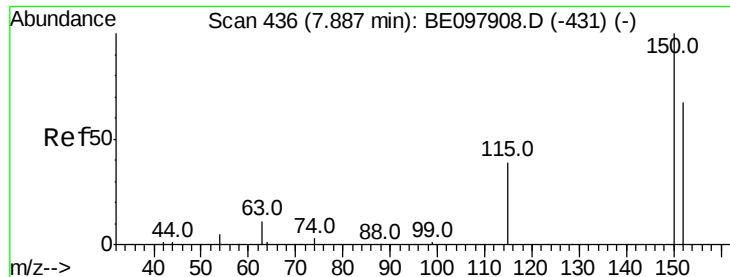
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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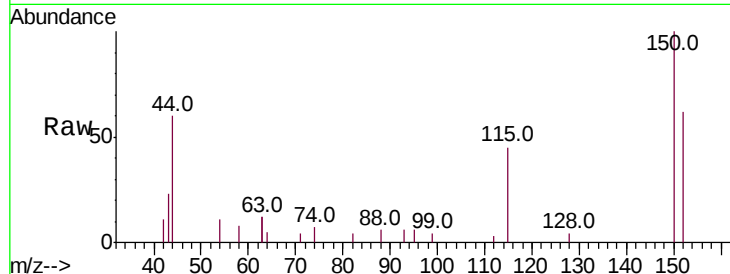


#1

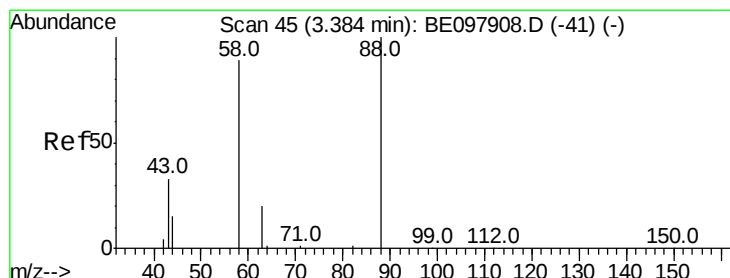
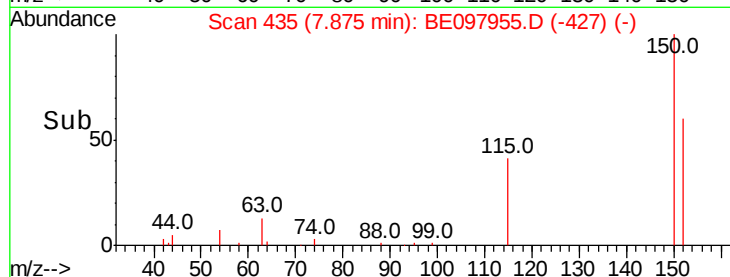
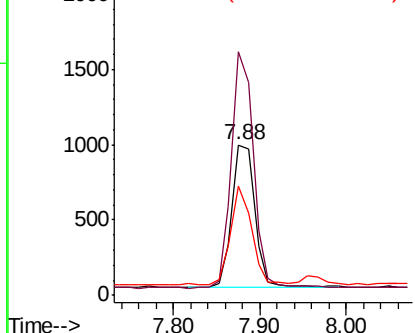
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.88 min Scan# 435
 Delta R.T. -0.01 min
 Lab File: BE097955.D
 Acq: 17 Oct 2018 20:07

Instrument :
 BNA_E
 ClientSampleId :
 RE-109D3-20181005DL

Tot Ion:152 Resp: 1759
 Ion Ratio Lower Upper
 152 100
 150 162.0 118.2 177.4
 115 72.4 50.9 76.3



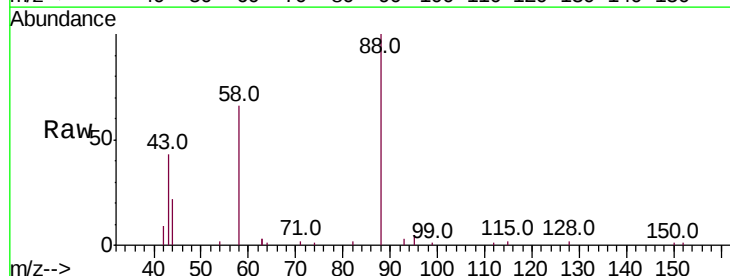
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



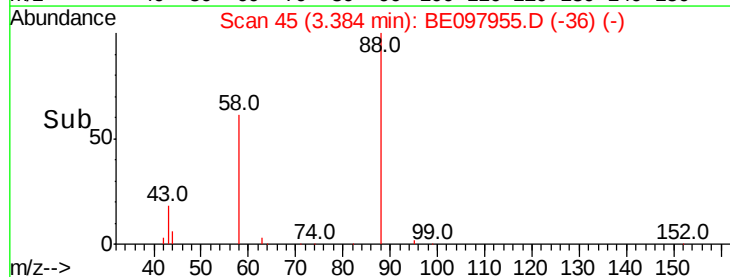
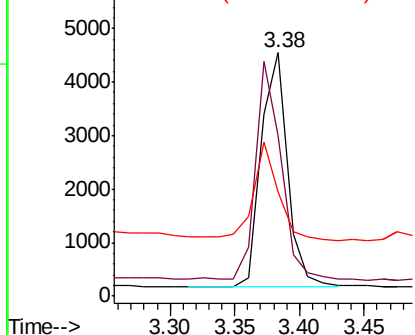
#2

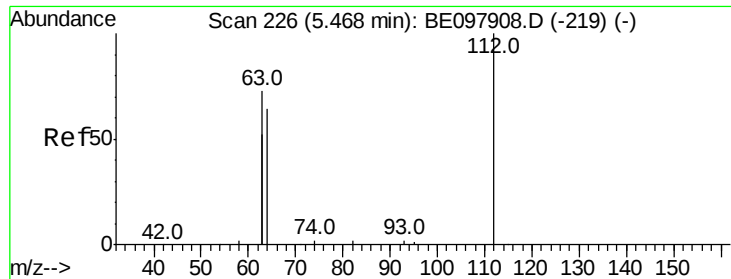
1,4-Dioxane
 Concen: 2.040 ng
 RT: 3.38 min Scan# 45
 Delta R.T. 0.00 min
 Lab File: BE097955.D
 Acq: 17 Oct 2018 20:07

Tgt Ion: 88 Resp: 6256
 Ion Ratio Lower Upper
 88 100
 58 87.9 73.2 109.8
 43 39.7 36.9 55.3



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: 0.096 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.01 min

Lab File: BE097955.D

Acq: 17 Oct 2018 20:07

Instrument :

BNA_E

ClientSampleId :

RE-109D3-20181005DL

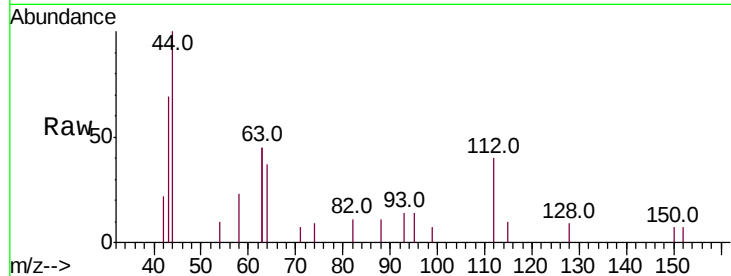
Tot Ion:112 Resp: 530

Ion Ratio Lower Upper

112 100

64 73.4 58.9 88.3

63 138.5 120.3 180.5



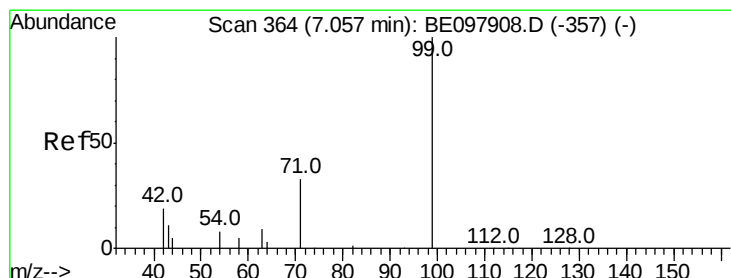
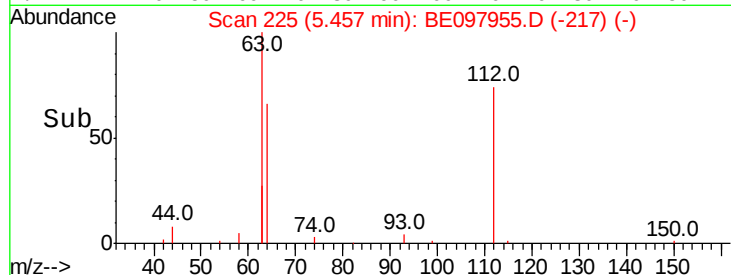
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

5.46

Time-->



#5

Phenol-d6

Concen: 0.055 ng

RT: 7.05 min Scan# 363

Delta R.T. -0.01 min

Lab File: BE097955.D

Acq: 17 Oct 2018 20:07

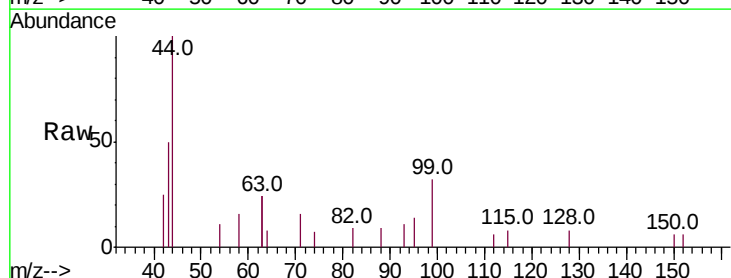
Tgt Ion: 99 Resp: 448

Ion Ratio Lower Upper

99 100

42 0.0 19.9 29.9#

71 40.6 27.8 41.8



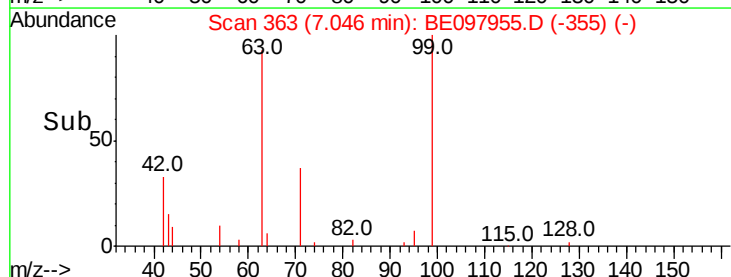
Abundance Ion 99.00 (98.70 to 99.70): BE0

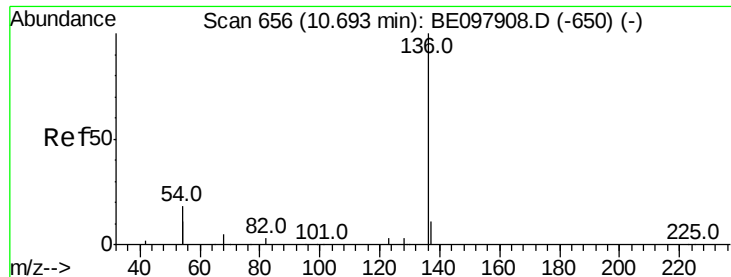
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

7.05

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE097955.D

Acq: 17 Oct 2018 20:07

Instrument :

BNA_E

ClientSampleId :

RE-109D3-20181005DL

Tot Ion:136 Resp: 7297

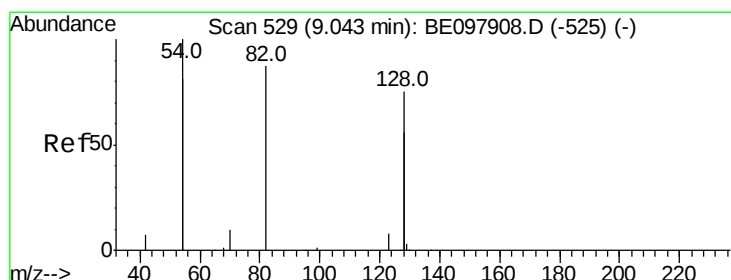
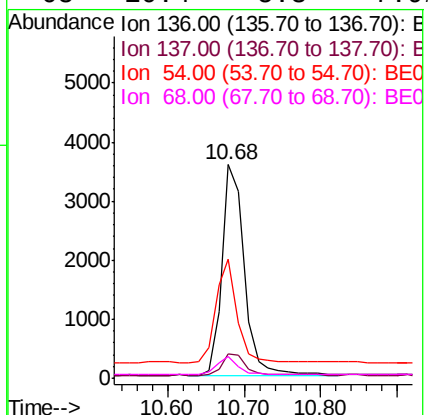
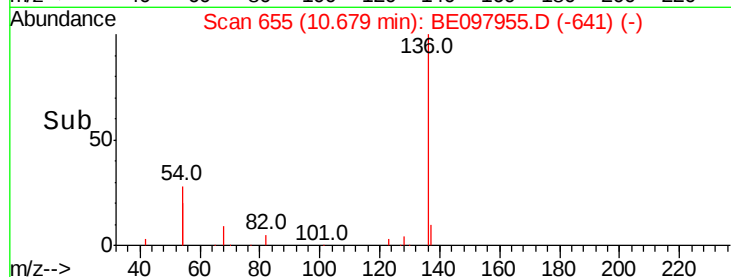
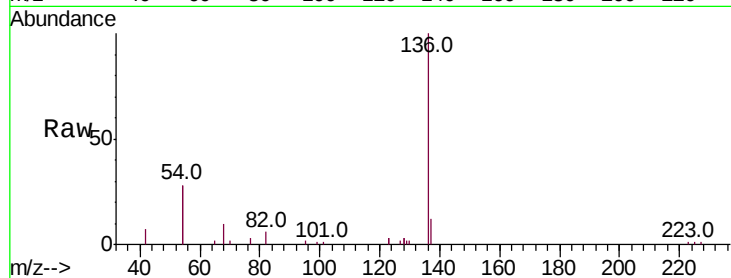
Ion Ratio Lower Upper

136 100

137 11.6 9.6 14.4

54 55.7 27.7 41.5#

68 10.4 5.3 7.9#



#8

Nitrobenzene-d5

Concen: 0.204 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097955.D

Acq: 17 Oct 2018 20:07

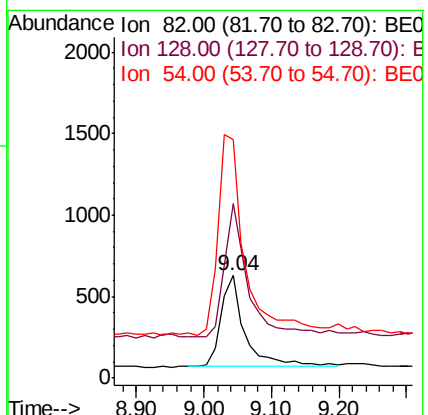
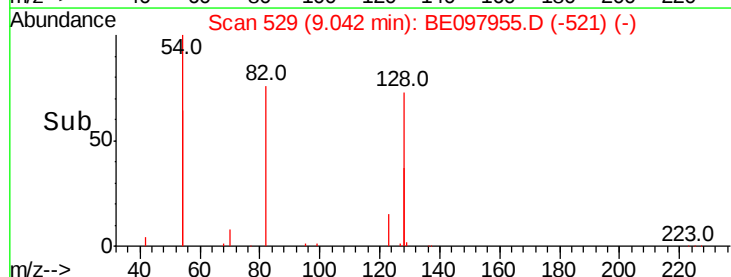
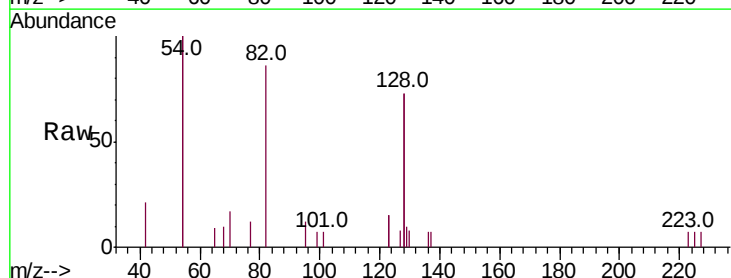
Tgt Ion: 82 Resp: 1413

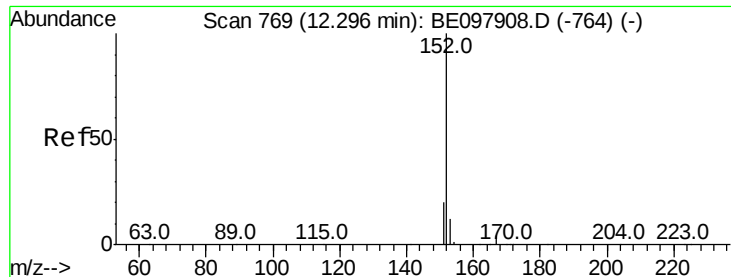
Ion Ratio Lower Upper

82 100

128 169.5 129.9 194.9

54 232.7 174.0 261.0

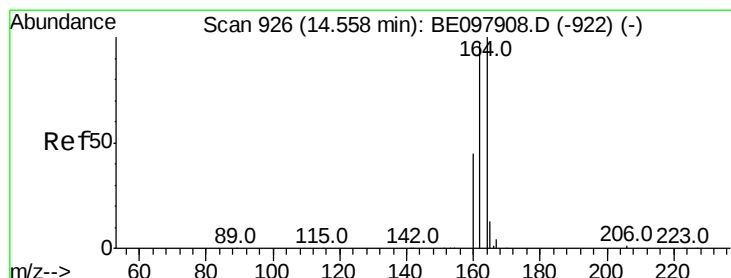
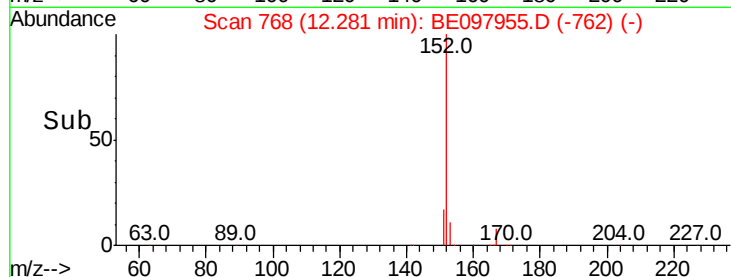
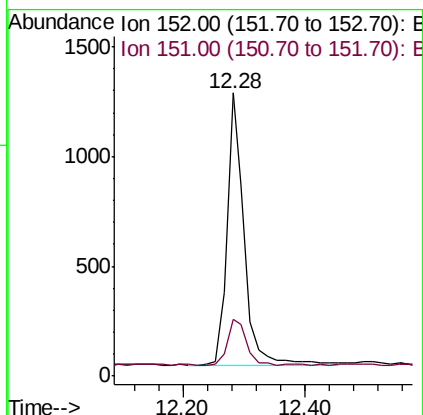
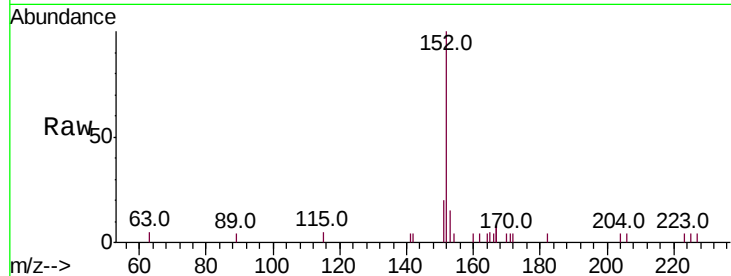




#11
 2-Methylnaphthalene-d10
 Concen: 0.203 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BE097955.D
 Acq: 17 Oct 2018 20:07

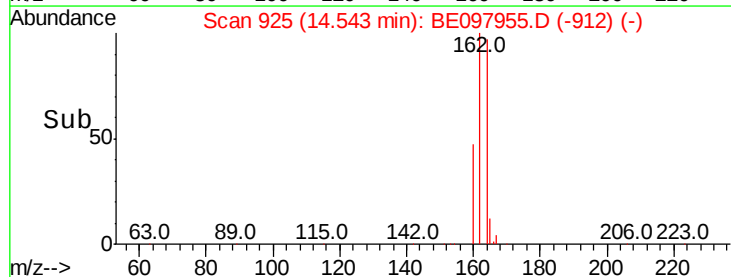
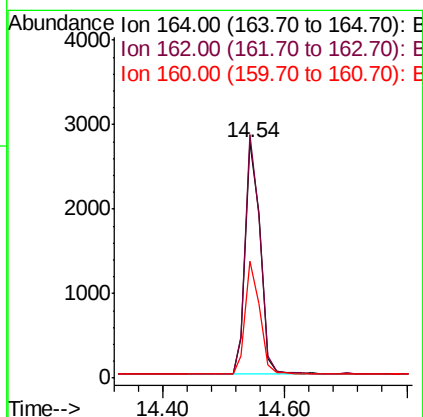
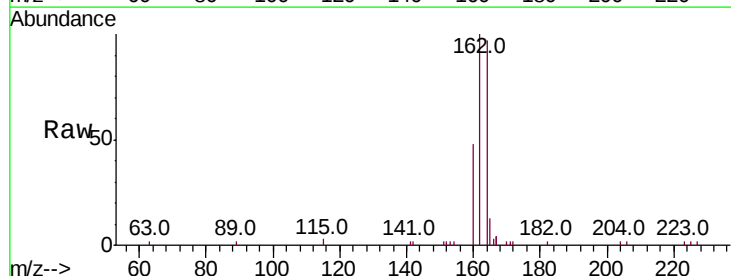
Instrument :
 BNA_E
 ClientSampleId :
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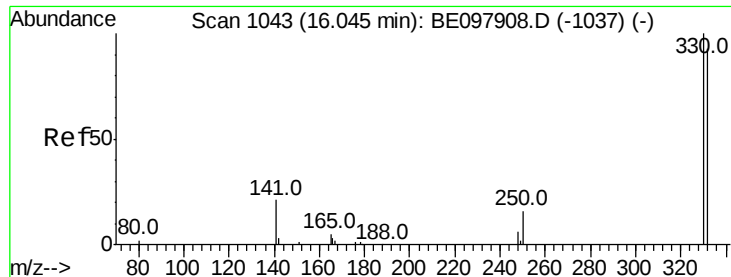
Tot Ion:152 Resp: 2466
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BE097955.D
 Acq: 17 Oct 2018 20:07

Tgt Ion:164 Resp: 4644
 Ion Ratio Lower Upper
 164 100
 162 103.2 77.4 116.2
 160 49.6 36.5 54.7

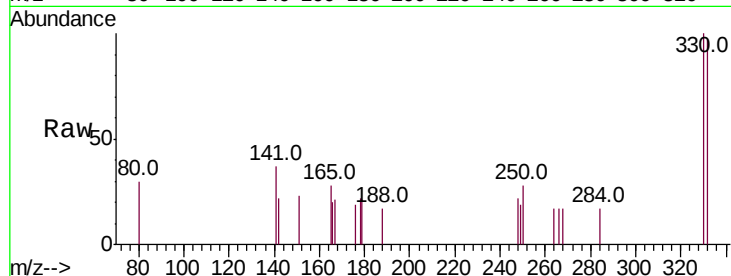




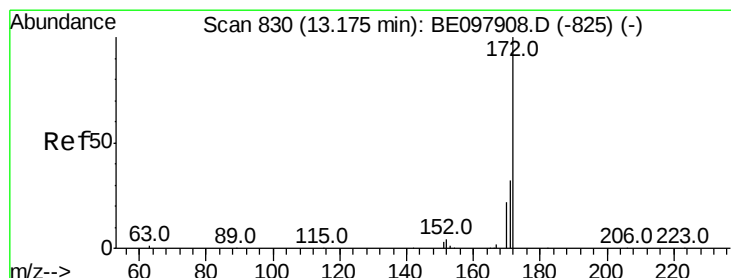
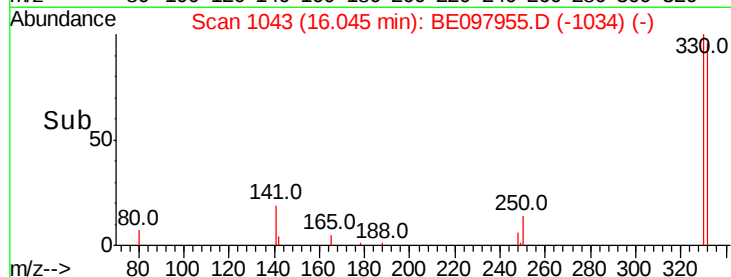
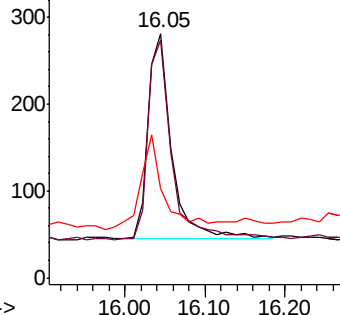
#14
 2,4,6-Tribromophenol
 Concen: 0.195 ng
 RT: 16.05 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BE097955.D
 Acq: 17 Oct 2018 20:07

Instrument :
 BNA_E
 ClientSampleId :
 RE-109D3-20181005DL

Tot Ion:330 Resp: 487
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.5 114.7
 141 47.2 31.8 47.6

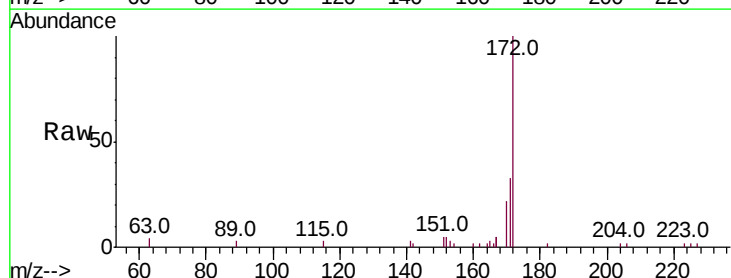


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

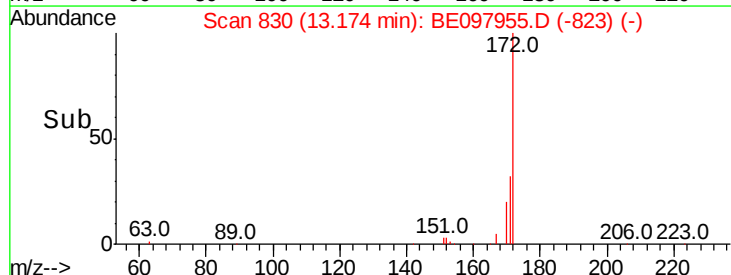
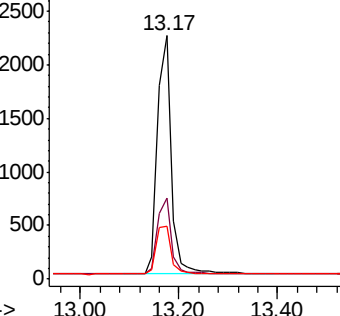


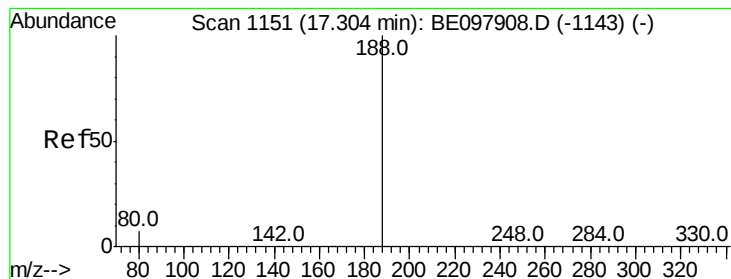
#15
 2-Fluorobiphenyl
 Concen: 0.230 ng
 RT: 13.17 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BE097955.D
 Acq: 17 Oct 2018 20:07

Tgt Ion:172 Resp: 4358
 Ion Ratio Lower Upper
 172 100
 171 33.5 26.0 39.0
 170 21.6 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: BE097955.D

Acq: 17 Oct 2018 20:07

Instrument :

BNA_E

ClientSampleId :

RE-109D3-20181005DL

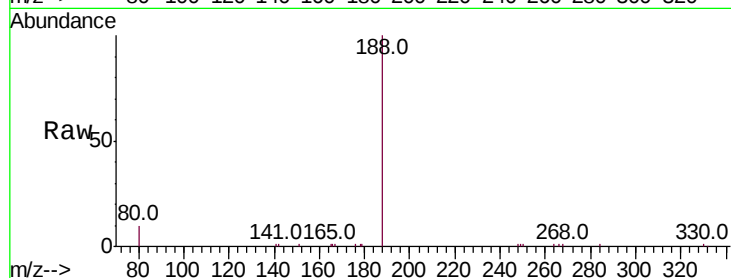
Tot Ion:188 Resp: 13693

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

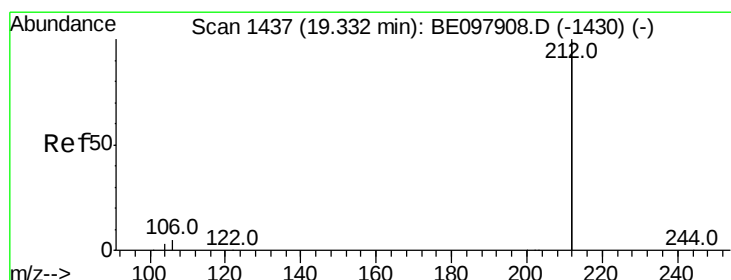
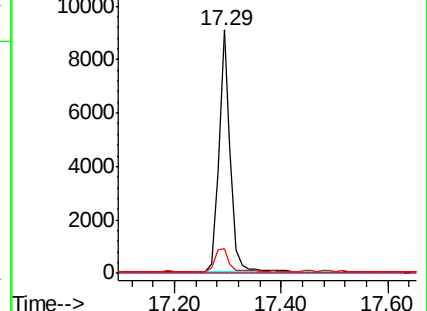
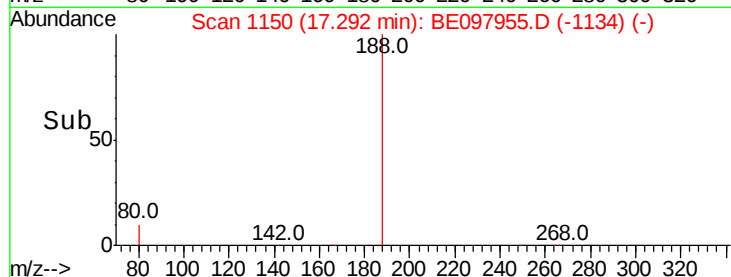
80 10.3 6.3 9.5#



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: 0.217 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097955.D

Acq: 17 Oct 2018 20:07

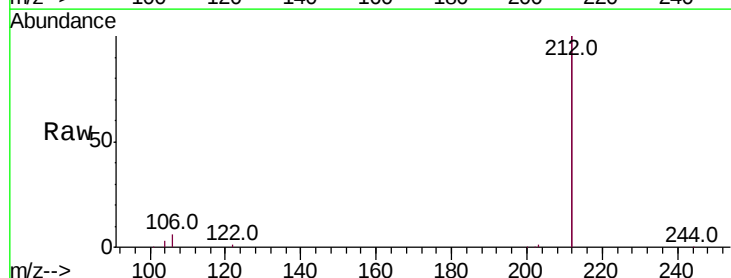
Tgt Ion:212 Resp: 40200

Ion Ratio Lower Upper

212 100

106 2.9 2.3 3.5

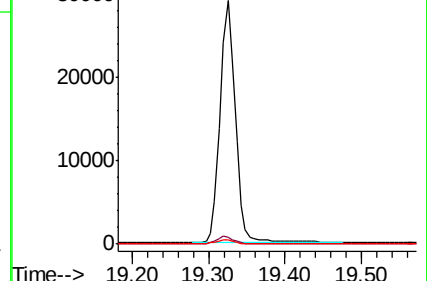
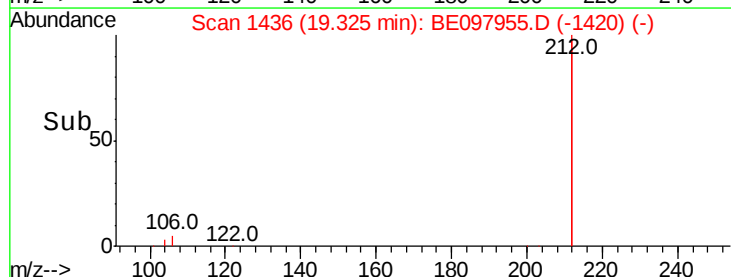
104 1.6 1.3 1.9

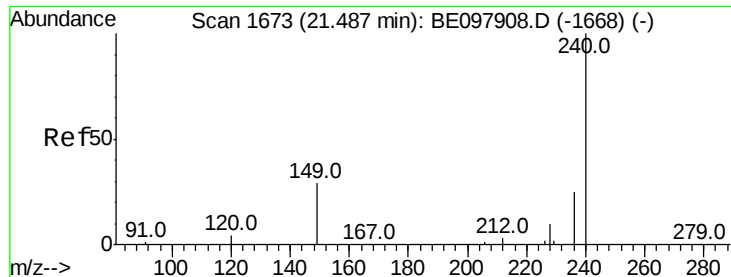


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE097955.D

Acq: 17 Oct 2018 20:07

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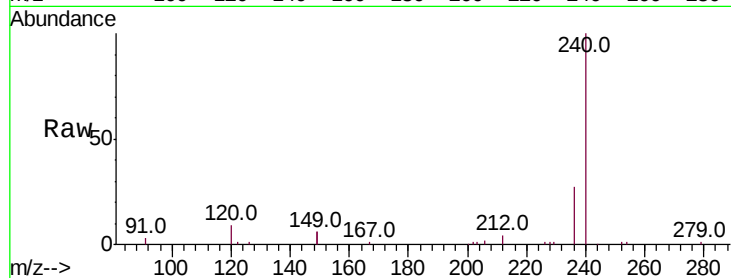
Tot Ion:240 Resp: 17626

Ion Ratio Lower Upper

240 100

120 8.9 7.1 10.7

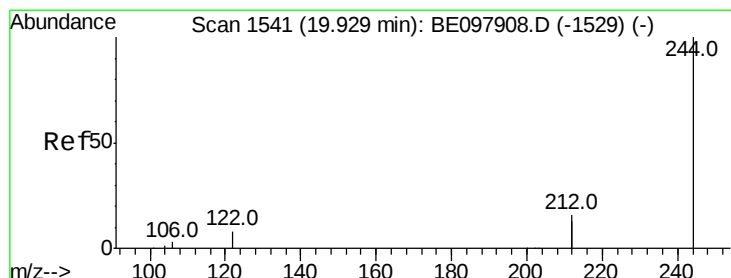
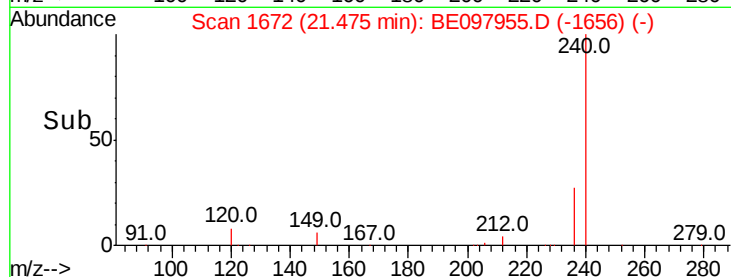
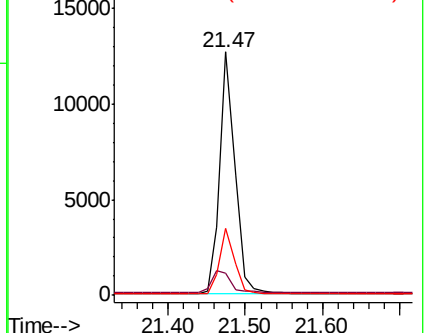
236 27.4 21.3 31.9



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: 0.396 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BE097955.D

Acq: 17 Oct 2018 20:07

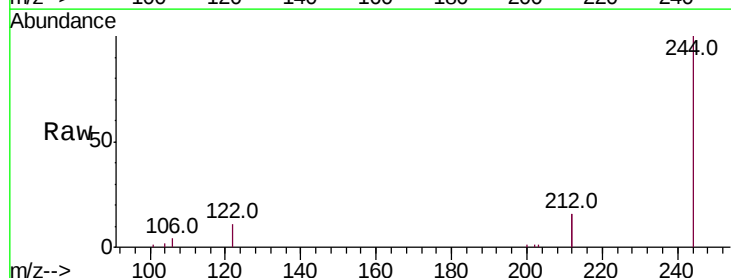
Tgt Ion:244 Resp: 16012

Ion Ratio Lower Upper

244 100

212 31.6 26.2 39.2

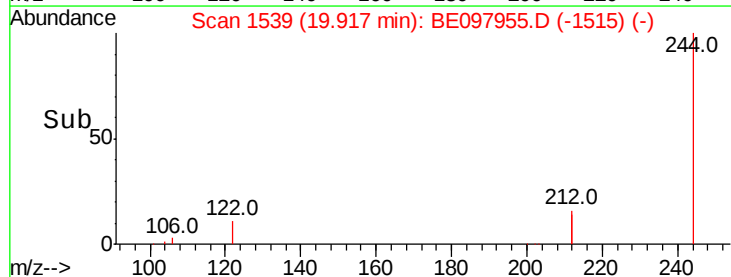
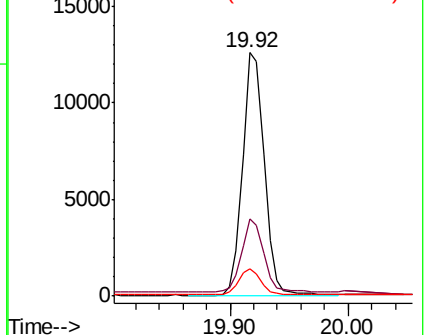
122 11.1 7.7 11.5

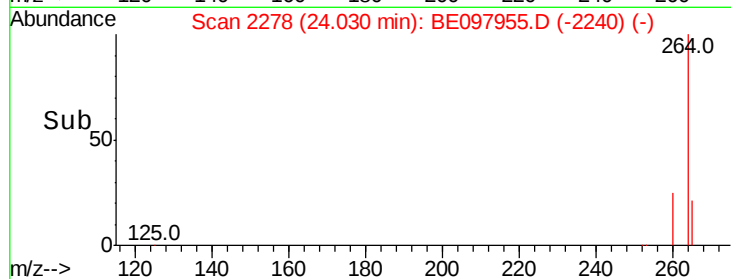
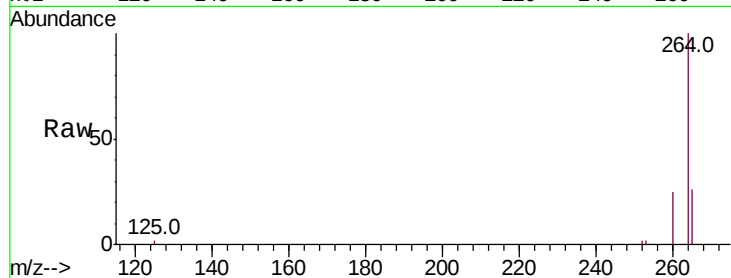
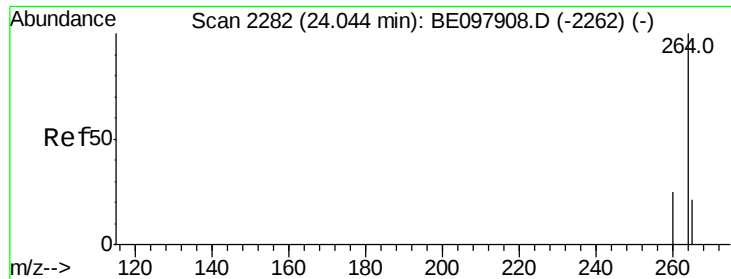


Abundance Ion 244.00 (243.70 to 244.70): E

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: BE097955.D

Acq: 17 Oct 2018 20:07

Instrument :

BNA_E

ClientSampleId :

RE-109D3-20181005DL

Tot Ion:264 Resp: 17923

Ion Ratio Lower Upper

264 100

260 25.1 21.1 31.7

265 25.7 29.2 43.8#

