

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
 Data File : BE097093.D
 Acq On : 25 Jul 2018 5:06
 Operator : SJ/JU
 Sample : J4073-16DL 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE108D1-071718DL

Quant Time: Jul 25 07:40:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 24 13:24:10 2018
 Response via : Initial Calibration

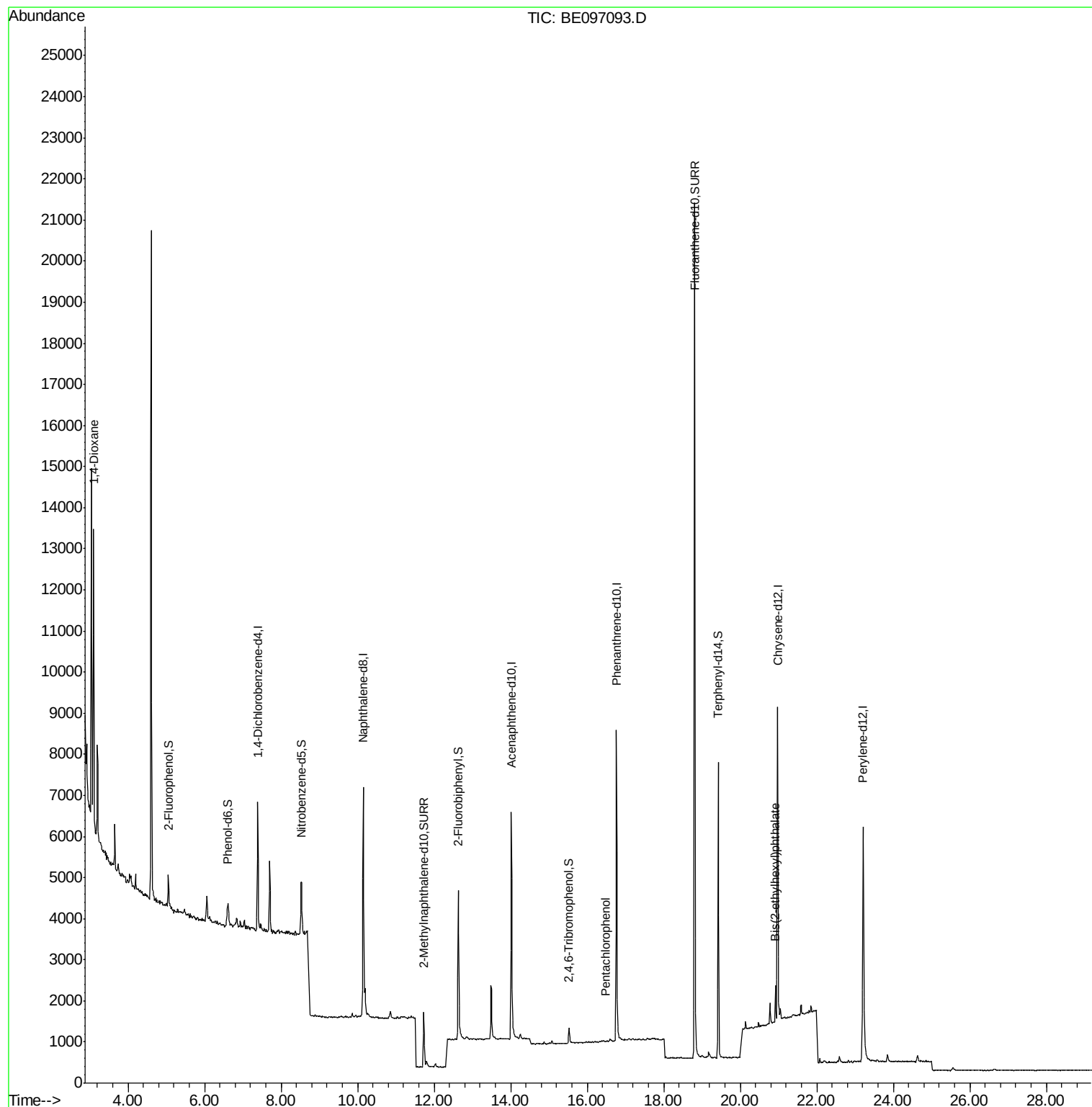
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1362	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6163	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3485	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	10302	0.40	ng	0.00
27) Chrysene-d12	20.98	240	9498	0.40	ng	0.00
34) Perylene-d12	23.21	264	8990	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	400	0.10	ng	0.00
5) Phenol-d6	6.60	99	328	0.06	ng	0.00
8) Nitrobenzene-d5	8.53	82	1420	0.27	ng	0.01
11) 2-Methylnaphthalene-d10	11.73	152	2167	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	272	0.24	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	3849	0.32	ng	0.00
25) Fluoranthene-d10	18.81	212	28583	0.28	ng	0.00
29) Terphenyl-d14	19.42	244	6089	0.33	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.10	88	4170	1.927	ng	90
22) Pentachlorophenol	16.47	266	5	0.038	ng	95
32) Bis(2-ethylhexyl)phthalate	20.92	149	951	0.027	ng	99

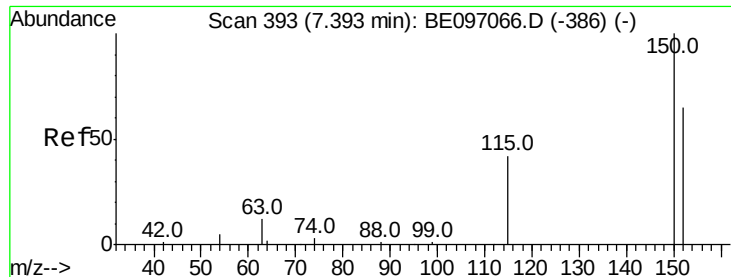
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
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QLast Update : Tue Jul 24 13:24:10 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 393

Delta R.T. -0.00 min

Lab File: BE097093.D

Acq: 25 Jul 2018 5:06

Instrument :

BNA_E

ClientSampleId :

RE108D1-071718DL

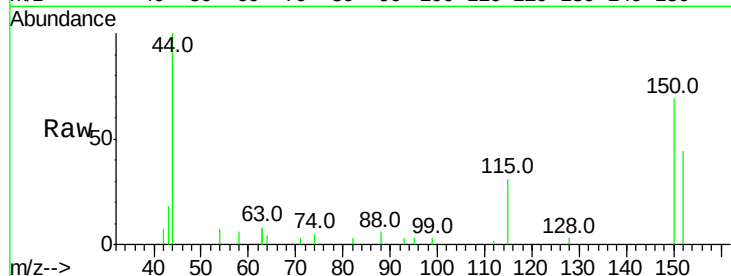
Tot Ion:152 Resp: 1362

Ion Ratio Lower Upper

152 100

150 156.7 117.2 175.8

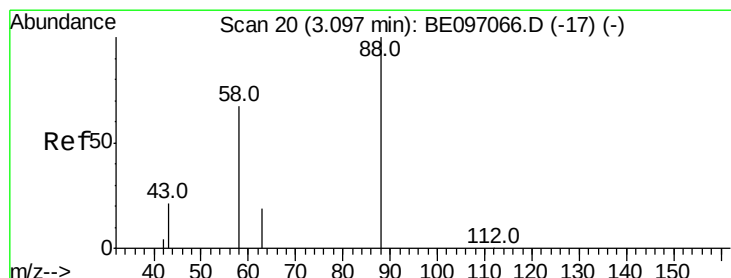
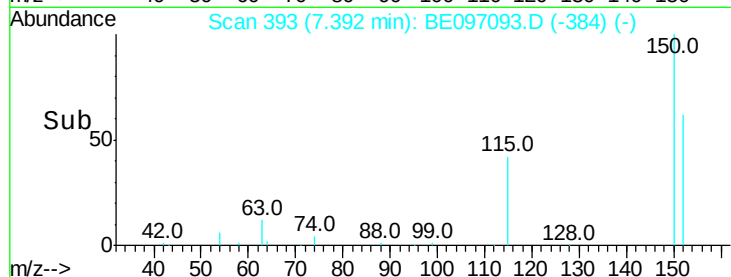
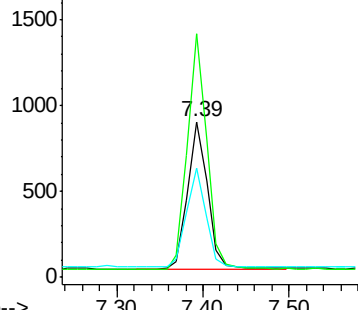
115 70.2 57.0 85.6



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



#2

1,4-Dioxane

Concen: 1.927 ng

RT: 3.10 min Scan# 20

Delta R.T. -0.00 min

Lab File: BE097093.D

Acq: 25 Jul 2018 5:06

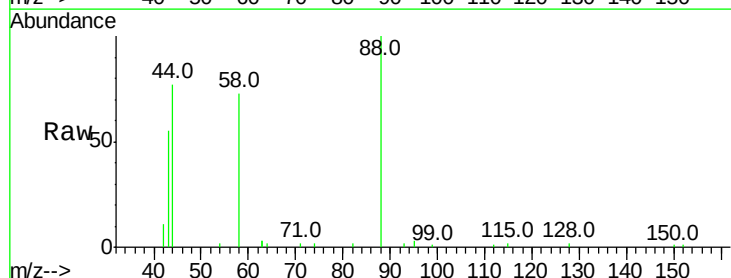
Tgt Ion: 88 Resp: 4170

Ion Ratio Lower Upper

88 100

58 84.5 63.2 94.8

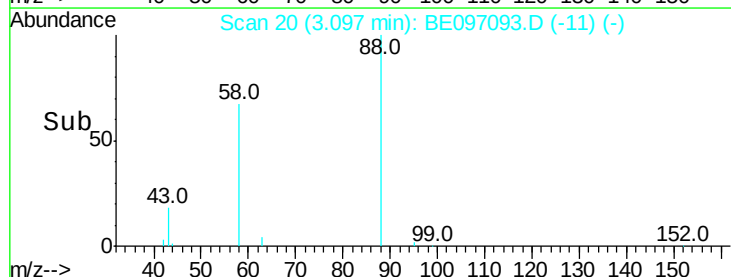
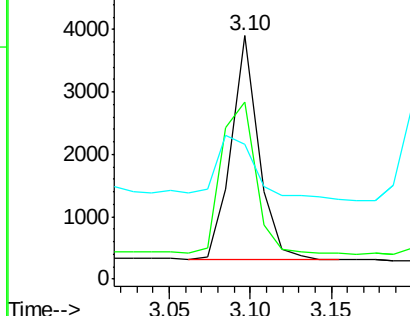
43 40.3 41.2 61.8#

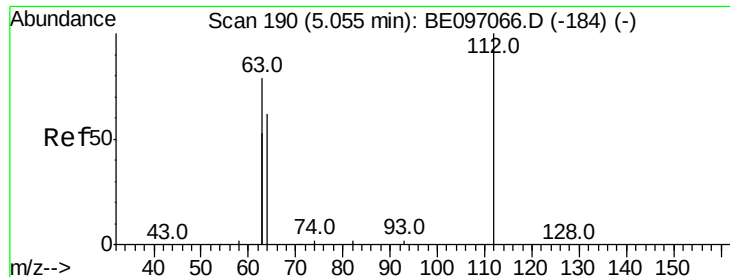


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.104 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097093.D

Acq: 25 Jul 2018 5:06

Instrument :

BNA_E

ClientSampleId :

RE108D1-071718DL

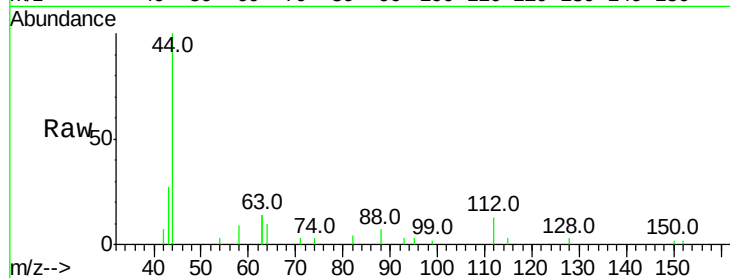
Tot Ion:112 Resp: 400

Ion Ratio Lower Upper

112 100

64 75.8 60.1 90.1

63 139.5 116.8 175.2



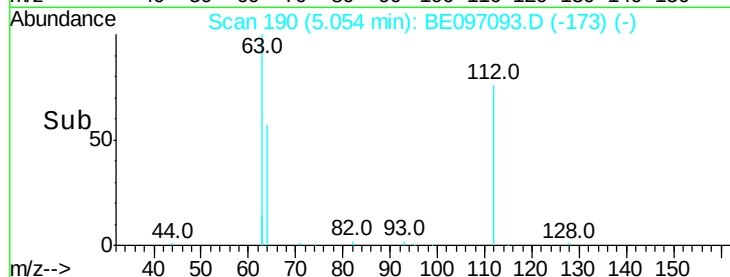
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

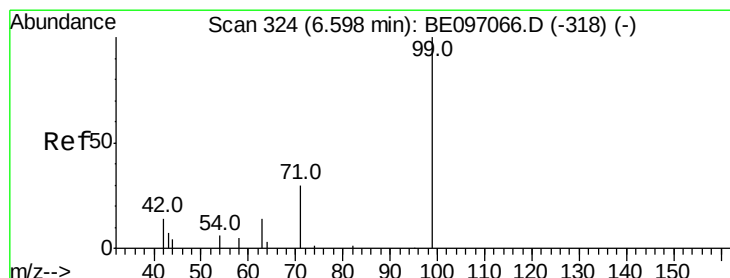
Ion 63.00 (62.70 to 63.70): BE0

5.05

Time-->



Time-->



#5

Phenol-d6

Concen: 0.058 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097093.D

Acq: 25 Jul 2018 5:06

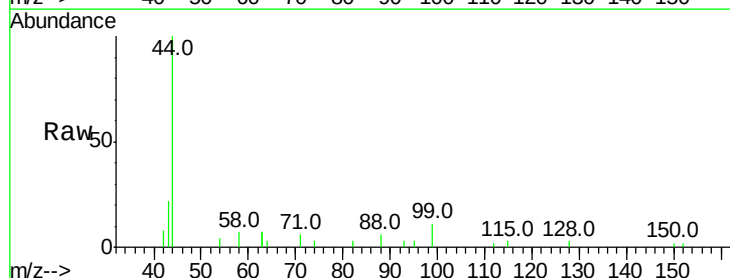
Tgt Ion: 99 Resp: 328

Ion Ratio Lower Upper

99 100

42 35.1 20.2 30.2#

71 43.9 28.4 42.6#



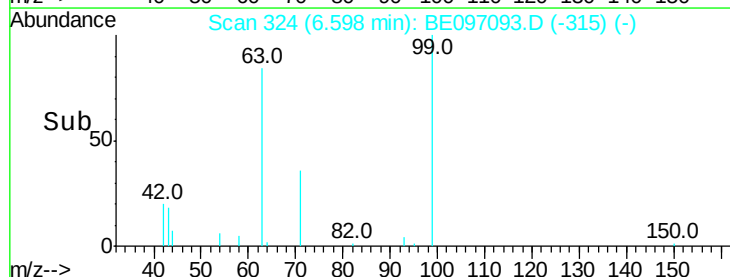
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

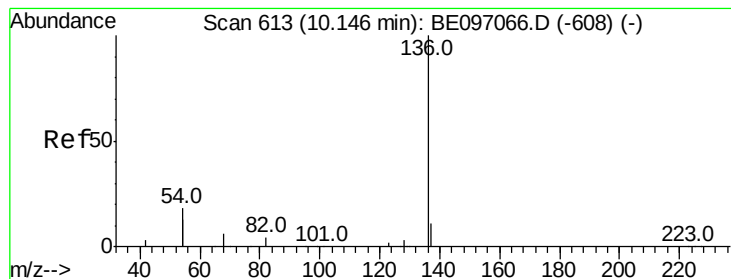
Ion 71.00 (70.70 to 71.70): BE0

6.60

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097093.D

Acq: 25 Jul 2018 5:06

Instrument :

BNA_E

ClientSampleId :

RE108D1-071718DL

Tot Ion:136 Resp: 6163

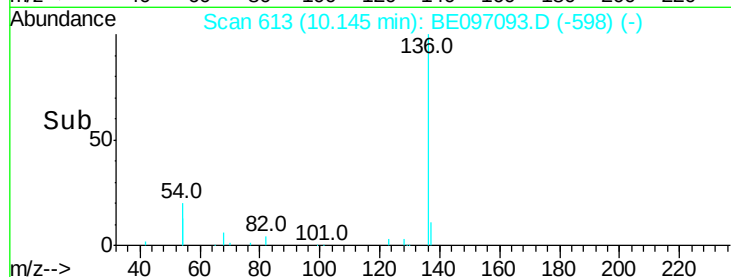
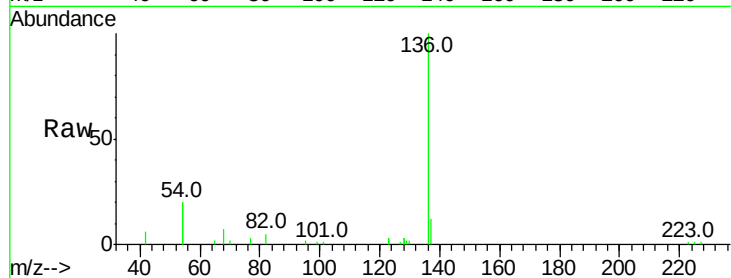
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 39.3 29.1 43.7

68 7.5 6.2 9.2



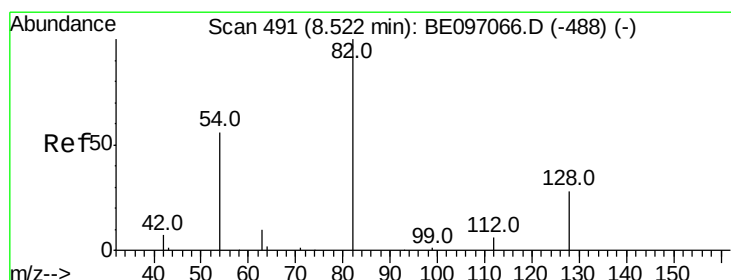
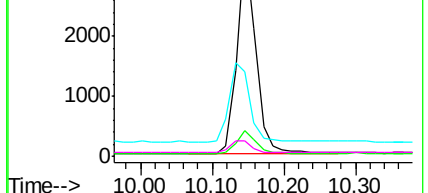
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.265 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097093.D

Acq: 25 Jul 2018 5:06

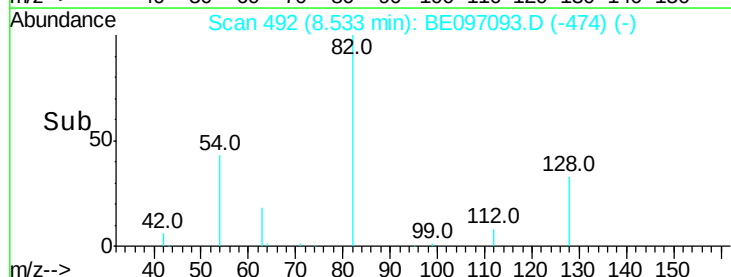
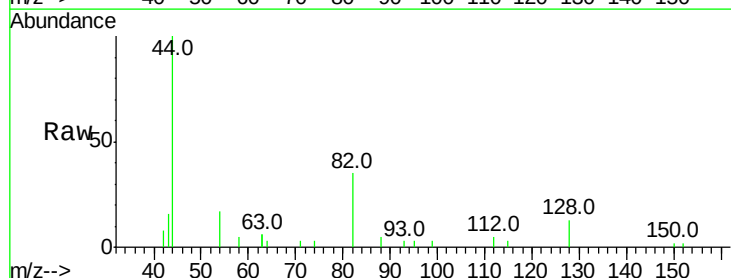
Tgt Ion: 82 Resp: 1420

Ion Ratio Lower Upper

82 100

128 37.6 24.0 36.0#

54 48.0 40.0 60.0

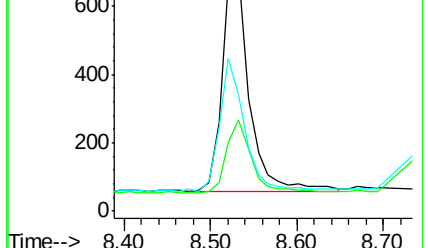


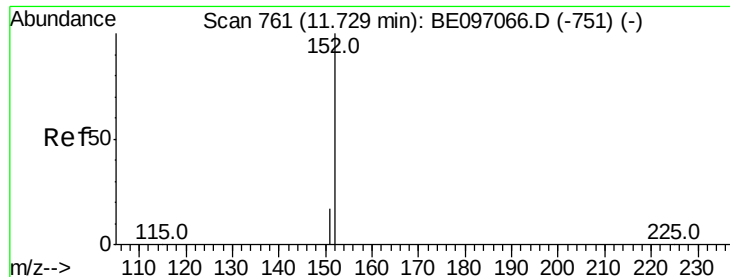
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

Time-->

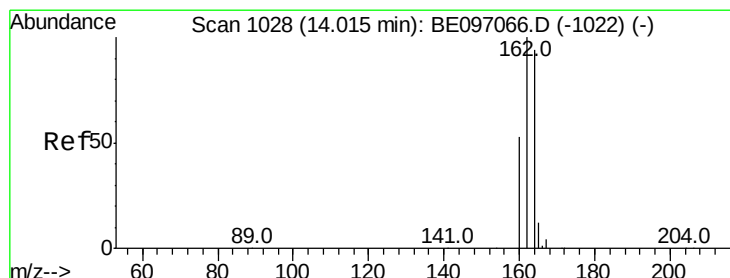
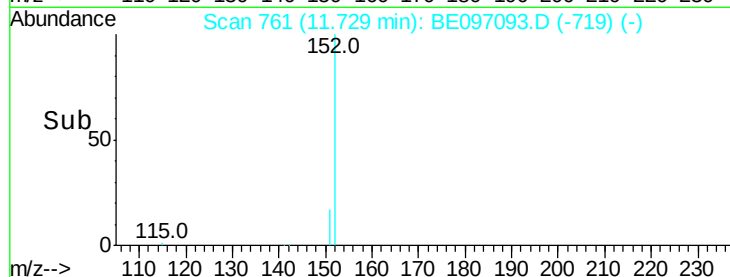
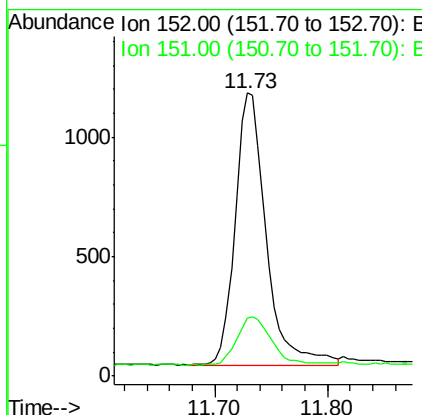
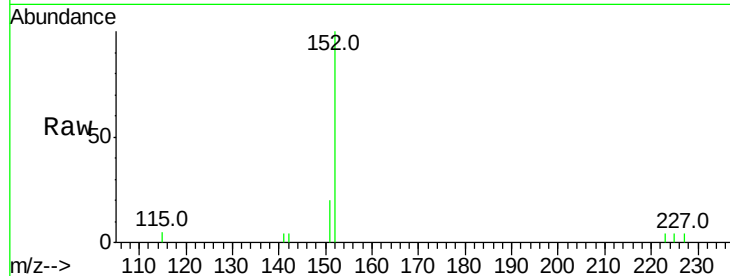




#11
2-Methylnaphthalene-d10
Concen: 0.235 ng
RT: 11.73 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE097093.D
Acq: 25 Jul 2018 5:06

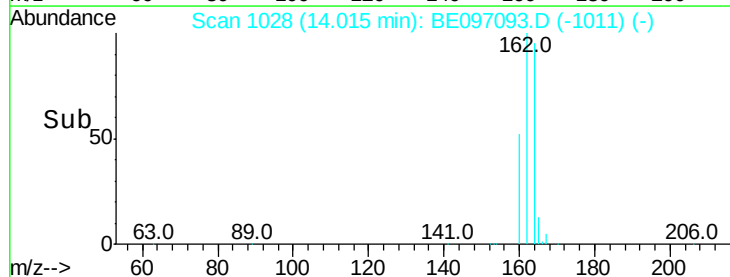
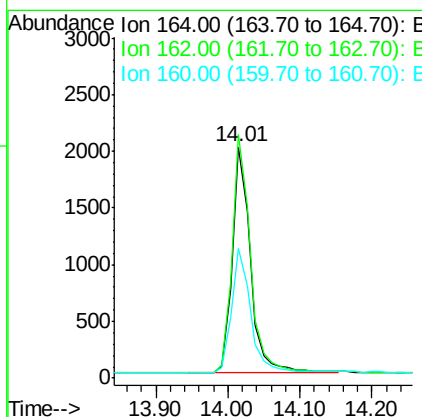
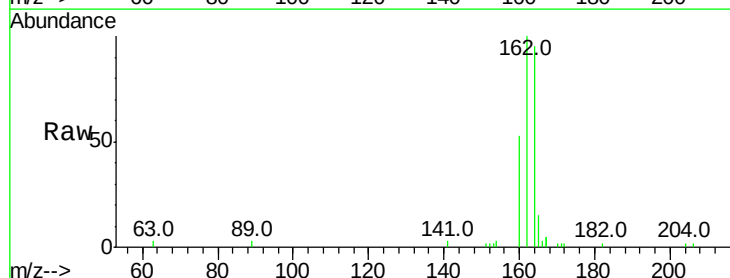
Instrument :
BNA_E
ClientSampleId :
RE108D1-071718DL

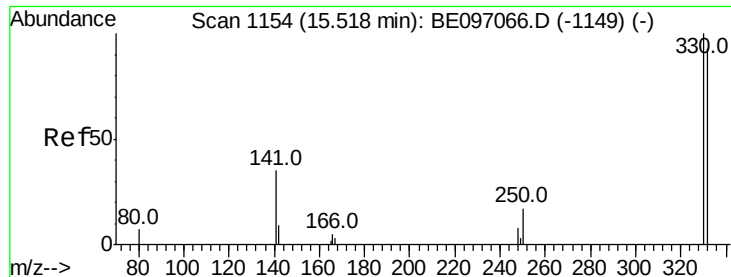
Tot Ion:152 Resp: 2167
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE097093.D
Acq: 25 Jul 2018 5:06

Tgt Ion:164 Resp: 3485
Ion Ratio Lower Upper
164 100
162 105.3 83.1 124.7
160 55.9 37.1 55.7#

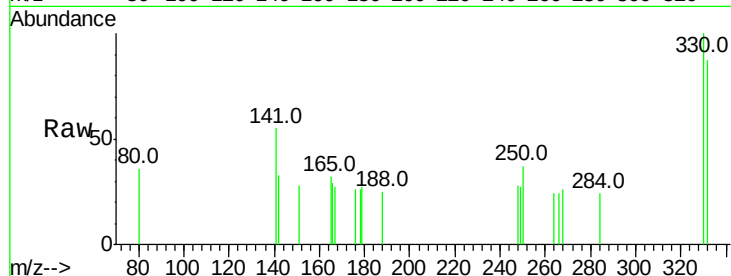




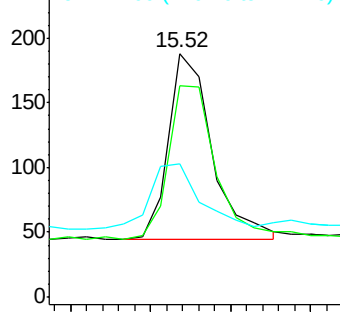
#14
 2,4,6-Tribromophenol
 Concen: 0.237 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BE097093.D
 Acq: 25 Jul 2018 5:06

Instrument :
 BNA_E
 ClientSampleId :
 RE108D1-071718DL

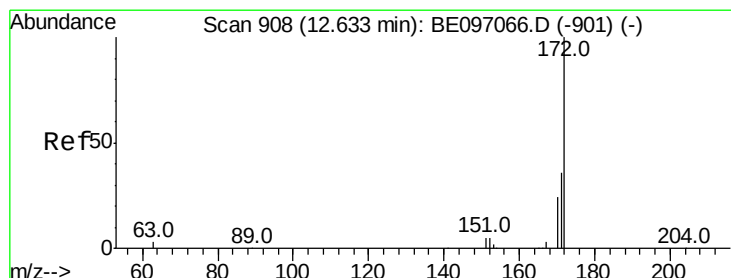
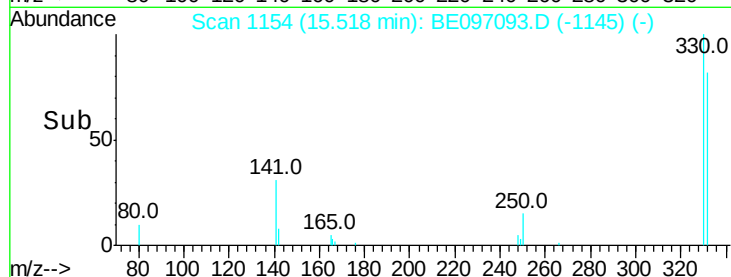
Tot Ion:330 Resp: 272
 Ion Ratio Lower Upper
 330 100
 332 89.7 152.7 229.1#
 141 41.2 33.7 50.5



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

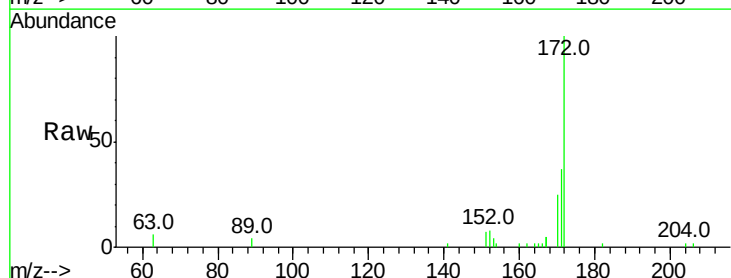


Time--> 15.45 15.50 15.55 15.60

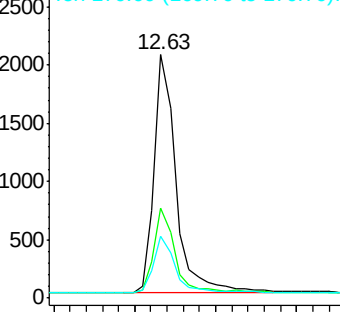


#15
 2-Fluorobiphenyl
 Concen: 0.320 ng
 RT: 12.63 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BE097093.D
 Acq: 25 Jul 2018 5:06

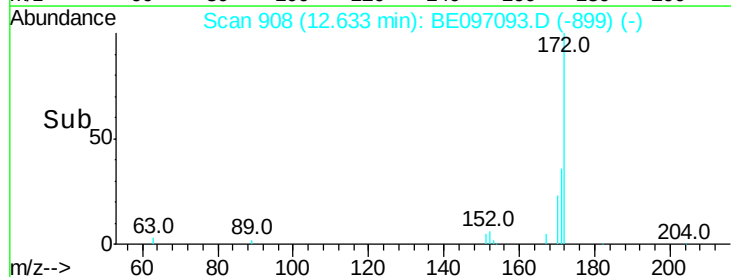
Tgt Ion:172 Resp: 3849
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.9 44.9
 170 25.2 21.8 32.8

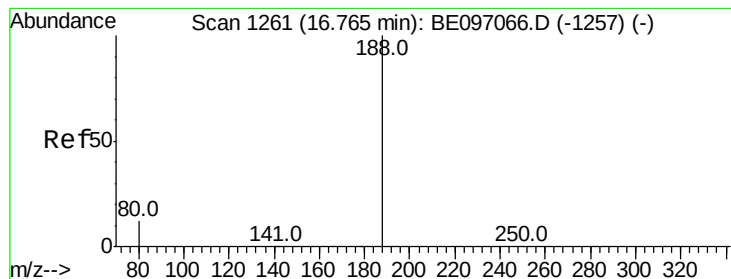


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time--> 12.50 12.60 12.70 12.80





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.77 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BE097093.D

Acq: 25 Jul 2018 5:06

Instrument :

BNA_E

ClientSampleId :

RE108D1-071718DL

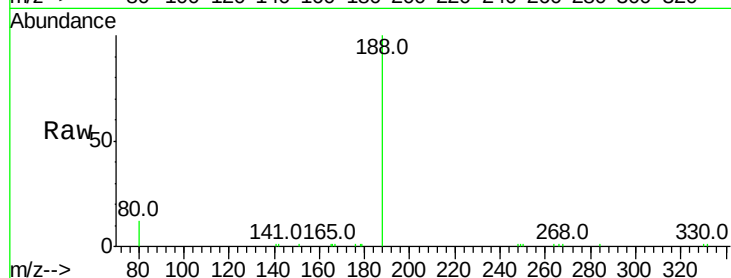
Tot Ion:188 Resp: 10302

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

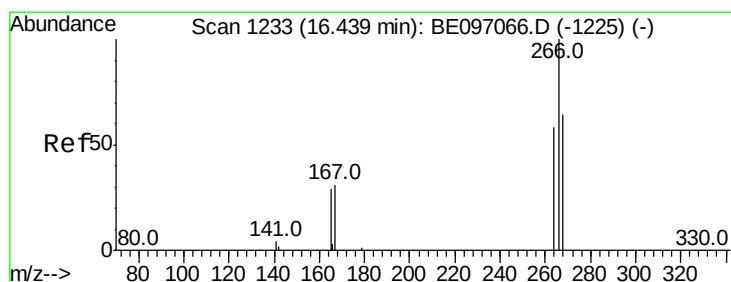
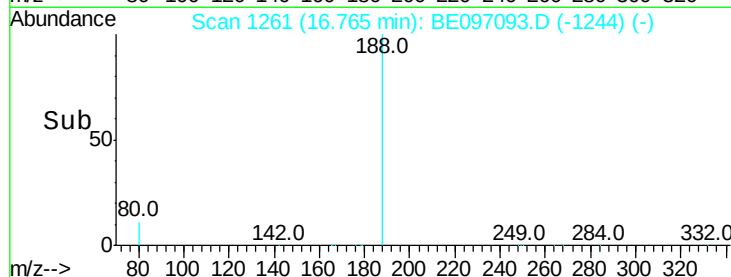
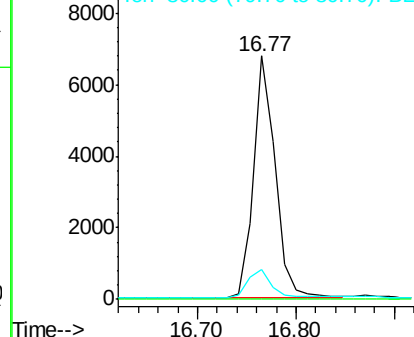
80 12.0 3.6 5.4#



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



#22

Pentachlorophenol

Concen: 0.038 ng

RT: 16.47 min Scan# 1236

Delta R.T. 0.04 min

Lab File: BE097093.D

Acq: 25 Jul 2018 5:06

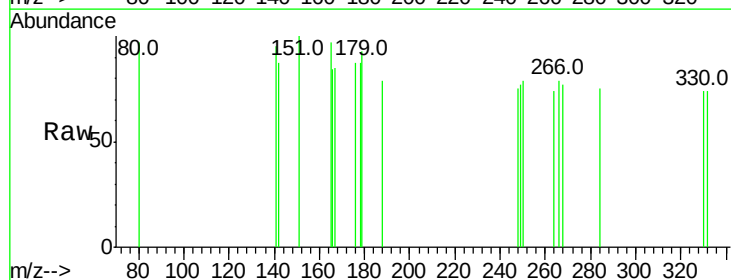
Tgt Ion:266 Resp: 5

Ion Ratio Lower Upper

266 100

264 93.8 72.5 108.7

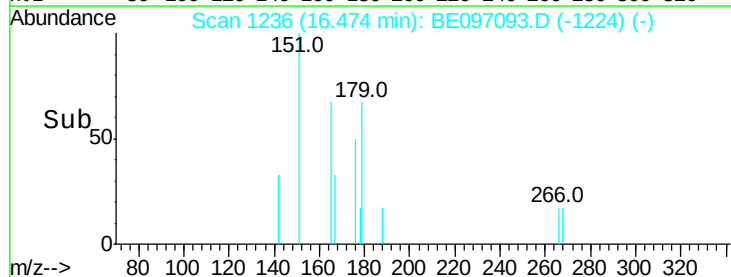
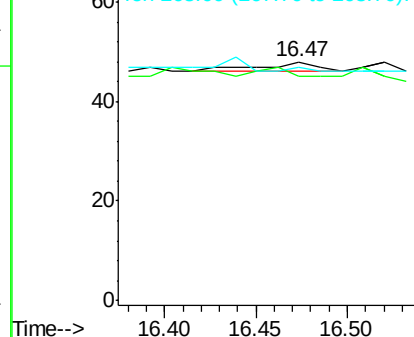
268 97.9 73.8 110.6

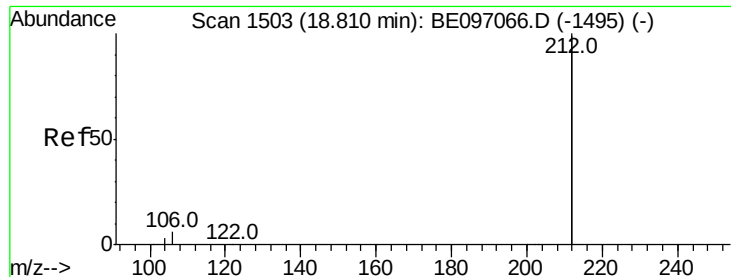


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.277 ng

RT: 18.81 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BE097093.D

Acq: 25 Jul 2018 5:06

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RE108D1-071718DL

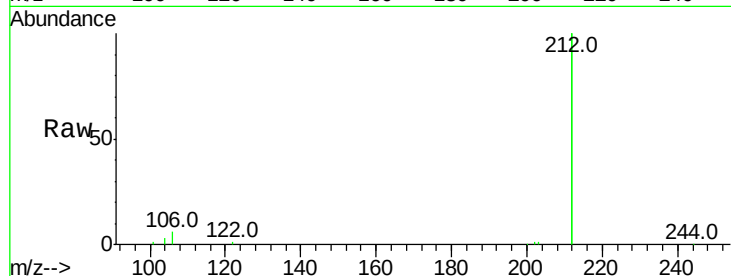
Tot Ion:212 Resp: 28583

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

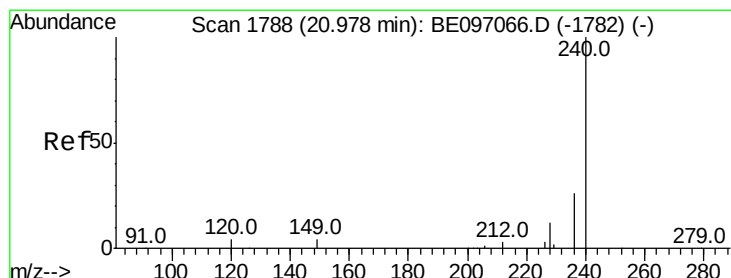
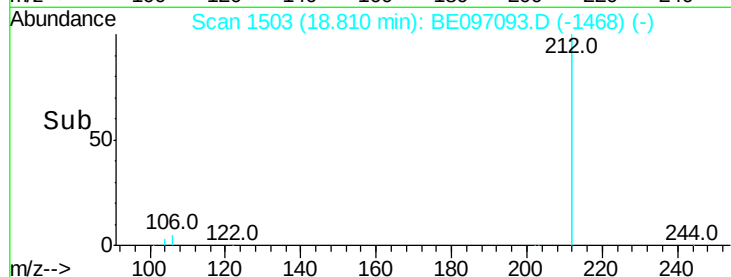
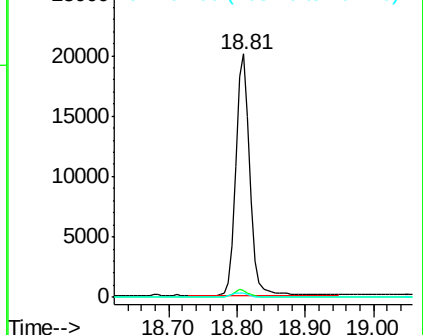
104 1.7 1.6 2.4



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: 20.98 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BE097093.D

Acq: 25 Jul 2018 5:06

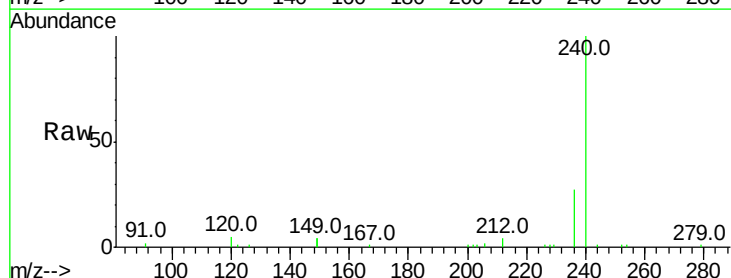
Tgt Ion:240 Resp: 9498

Ion Ratio Lower Upper

240 100

120 4.9 5.5 8.3#

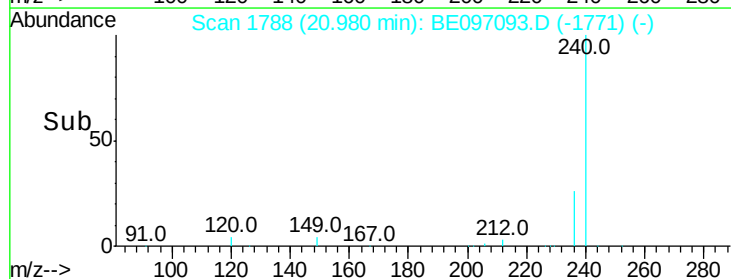
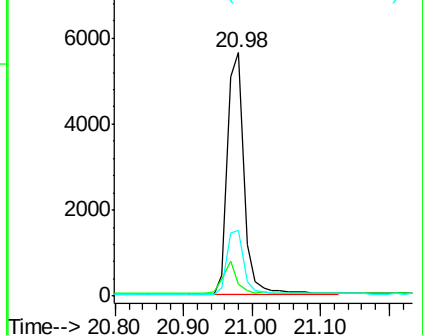
236 26.8 20.7 31.1

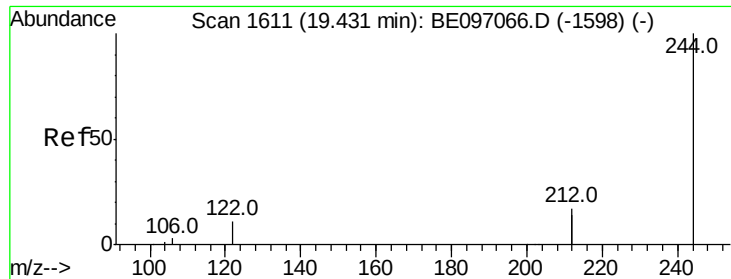


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.334 ng

RT: 19.42 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BE097093.D

Acq: 25 Jul 2018 5:06

Instrument :

BNA_E

ClientSampleId :

RE108D1-071718DL

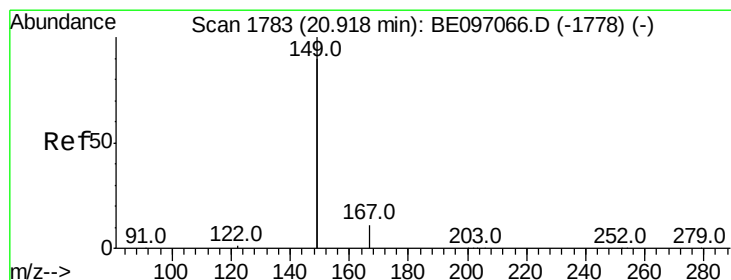
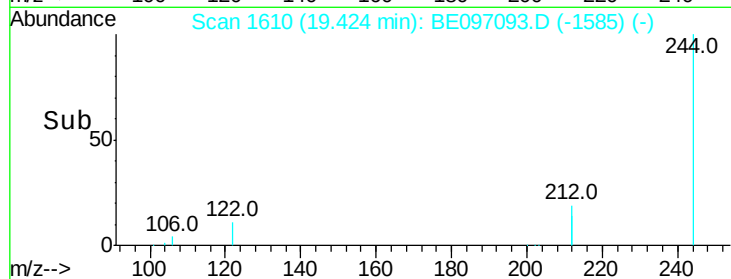
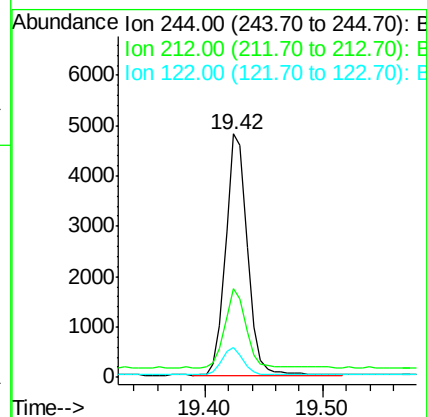
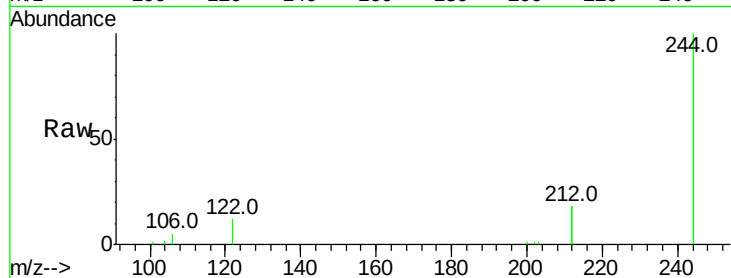
Tot Ion:244 Resp: 6089

Ion Ratio Lower Upper

244 100

212 36.6 25.4 38.0

122 12.5 8.1 12.1#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.027 ng

RT: 20.92 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BE097093.D

Acq: 25 Jul 2018 5:06

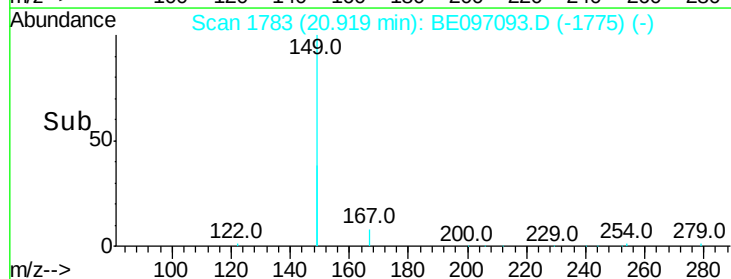
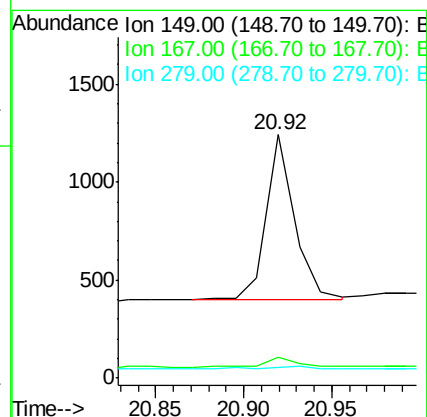
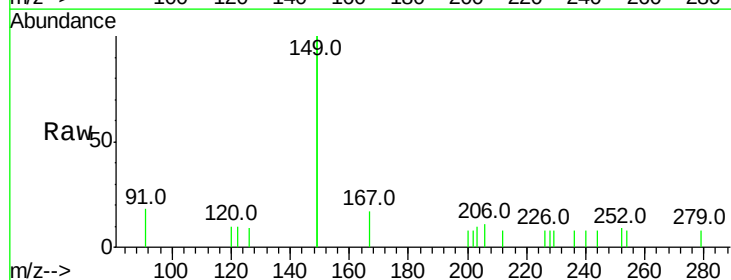
Tgt Ion:149 Resp: 951

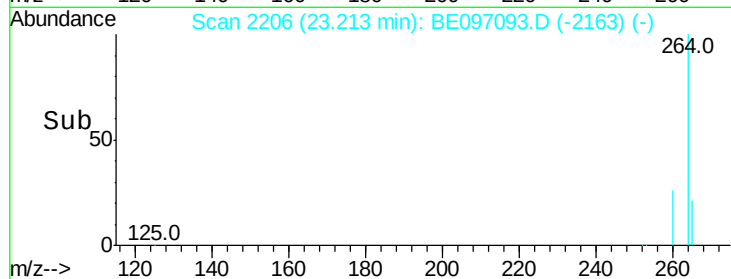
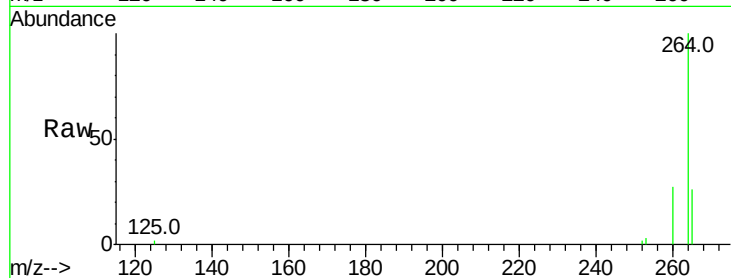
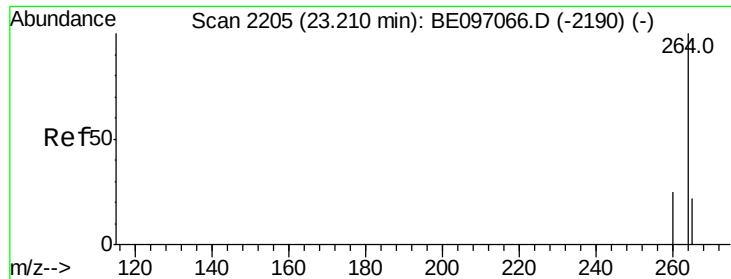
Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

279 2.1 0.7 1.1#





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BE097093.D

Acq: 25 Jul 2018 5:06

Instrument :

BNA_E

ClientSampleId :

RE108D1-071718DL

Tot Ion:264 Resp: 8990

Ion Ratio Lower Upper

264 100

260 26.8 20.5 30.7

265 25.5 22.8 34.2

