

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
 Data File : BE097092.D
 Acq On : 25 Jul 2018 4:27
 Operator : SJ/JU
 Sample : J4073-15DL 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE126D2-071718DL

Quant Time: Jul 25 07:40:00 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

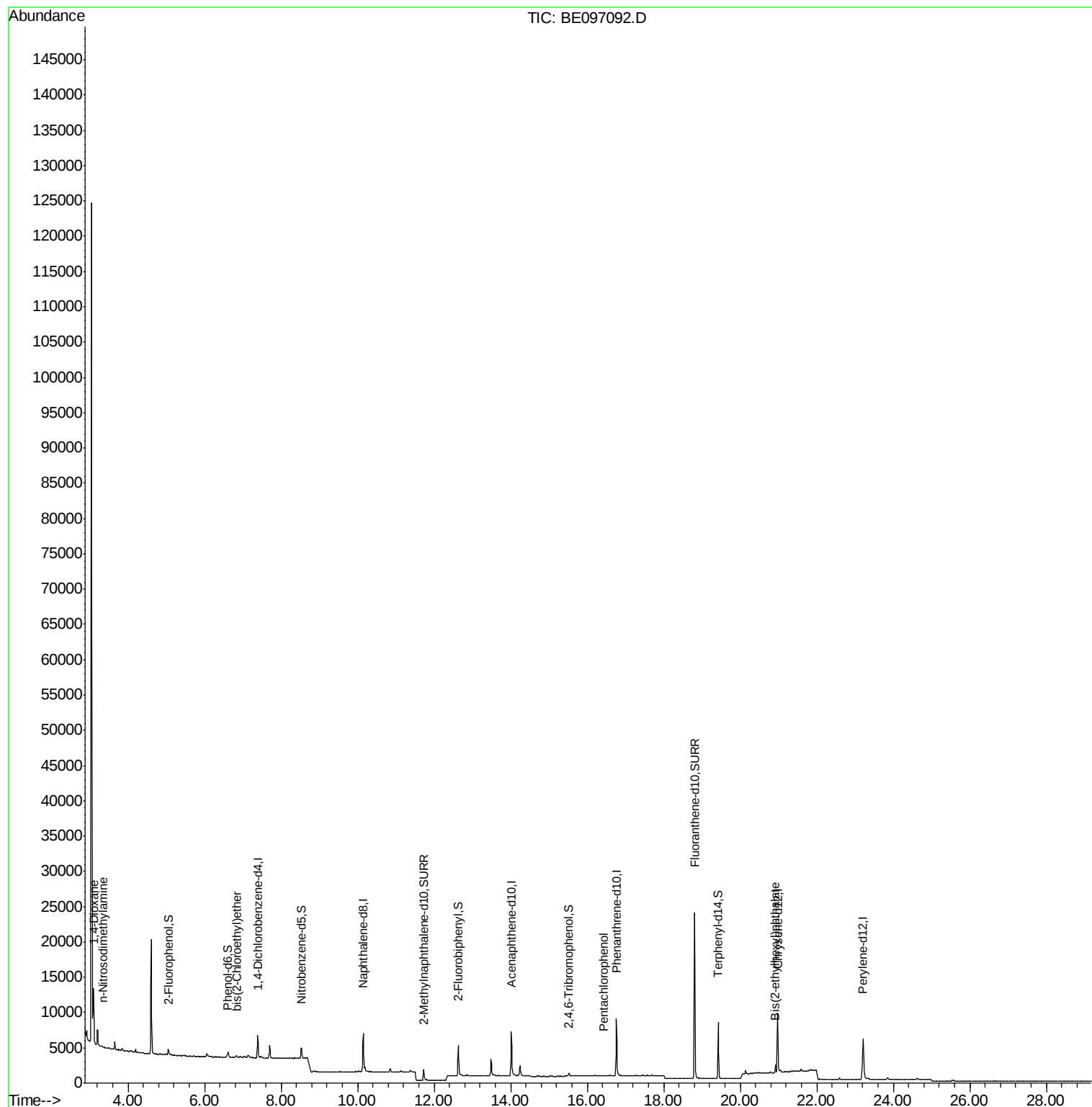
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1393	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6340	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3756	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	11116	0.40	ng	0.00
27) Chrysene-d12	20.98	240	10128	0.40	ng	0.00
34) Perylene-d12	23.21	264	9517	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	440	0.11	ng	0.00
5) Phenol-d6	6.60	99	367	0.06	ng	0.00
8) Nitrobenzene-d5	8.52	82	1517	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	2333	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	283	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	4270	0.33	ng	0.00
25) Fluoranthene-d10	18.81	212	31427	0.28	ng	0.00
29) Terphenyl-d14	19.42	244	6749	0.35	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.10	88	4031	1.821	ng	# 89
3) n-Nitrosodimethylamine	3.35	42	68	0.027	ng	# 1
6) bis(2-Chloroethyl)ether	6.84	93	116	0.022	ng	75
22) Pentachlorophenol	16.43	266	15	0.046	ng	94
32) Bis(2-ethylhexyl)phthalate	20.92	149	1459	0.045	ng	# 98

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

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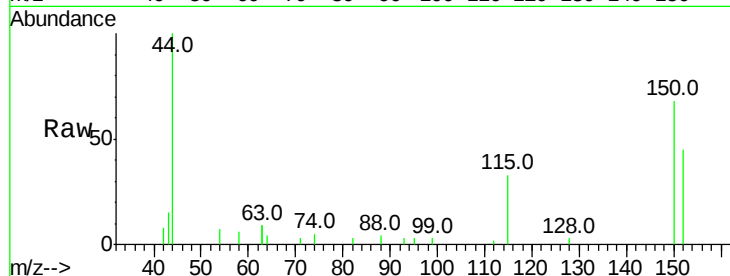


#1

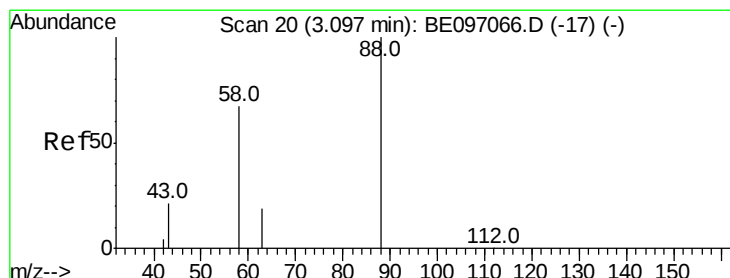
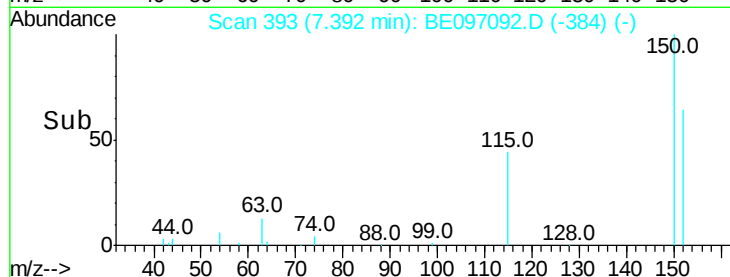
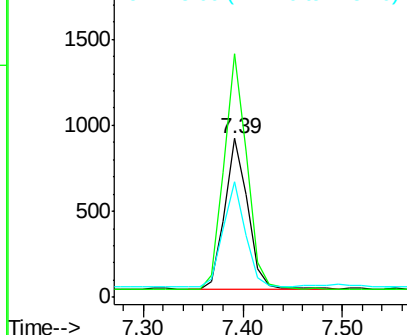
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097092.D
Acq: 25 Jul 2018 4:27

Instrument :
BNA_E
ClientSampleId :
RE126D2-071718DL

Tot Ion:152 Resp: 1393
Ion Ratio Lower Upper
152 100
150 153.2 117.2 175.8
115 72.8 57.0 85.6



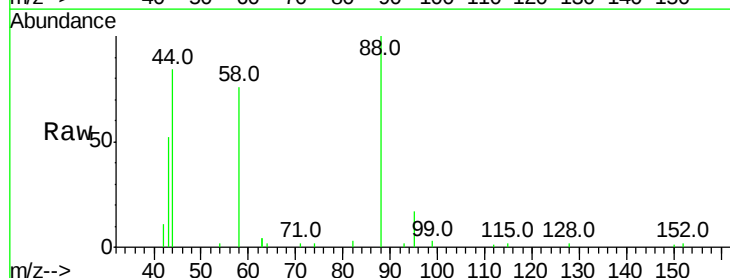
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



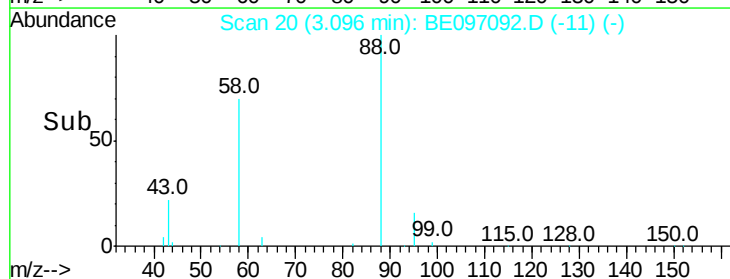
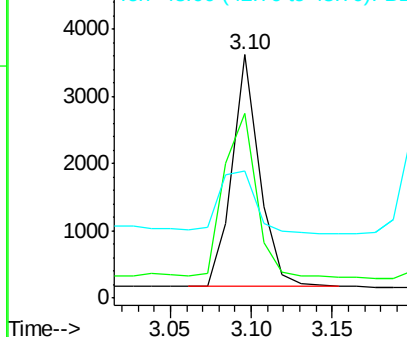
#2

1,4-Dioxane
Concen: 1.821 ng
RT: 3.10 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097092.D
Acq: 25 Jul 2018 4:27

Tgt Ion: 88 Resp: 4031
Ion Ratio Lower Upper
88 100
58 83.0 63.2 94.8
43 37.1 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





#3

n-Nitrosodimethylamine

Concen: 0.027 ng

RT: 3.35 min Scan# 42

Delta R.T. -0.04 min

Lab File: BE097092.D

Acq: 25 Jul 2018 4:27

Instrument :

BNA_E

ClientSampleId :

RE126D2-071718DL

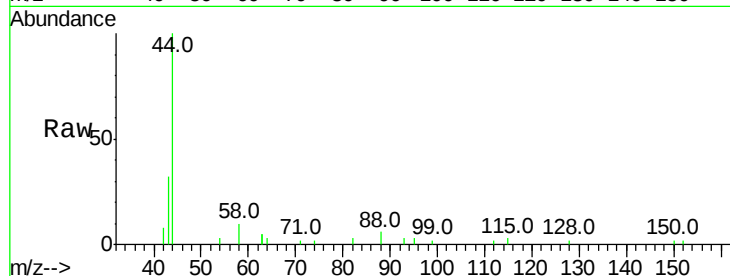
Tot Ion: 42 Resp: 68

Ion Ratio Lower Upper

42 100

74 0.0 96.0 144.0#

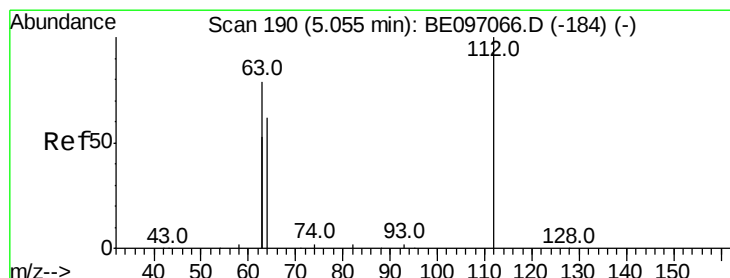
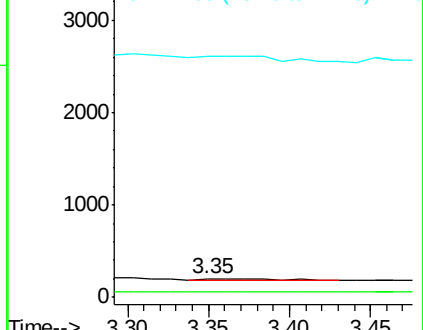
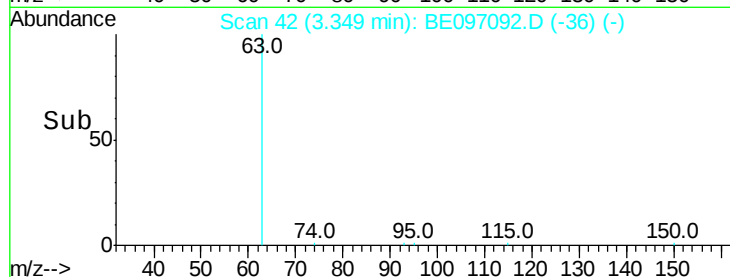
44 0.0 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.112 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097092.D

Acq: 25 Jul 2018 4:27

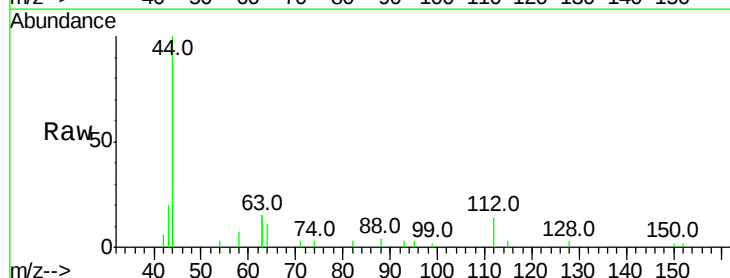
Tgt Ion: 112 Resp: 440

Ion Ratio Lower Upper

112 100

64 68.6 60.1 90.1

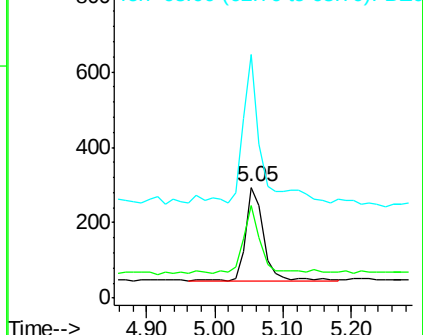
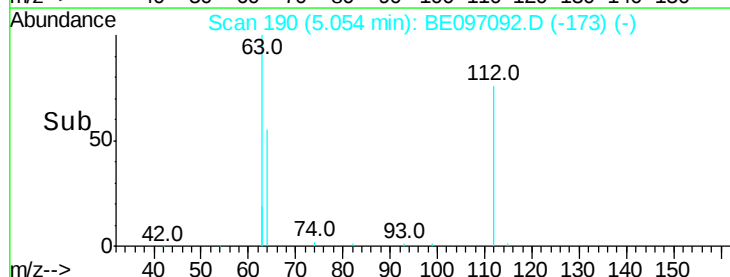
63 140.7 116.8 175.2

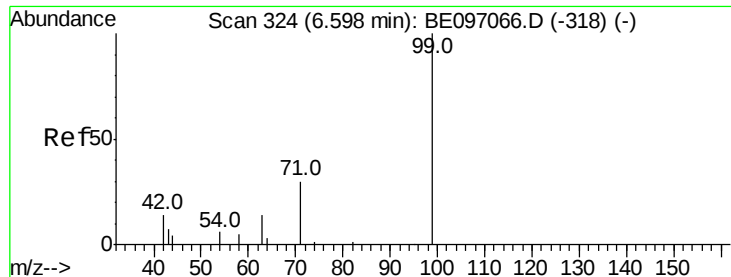


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.064 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097092.D

Acq: 25 Jul 2018 4:27

Instrument :

BNA_E

ClientSampleId :

RE126D2-071718DL

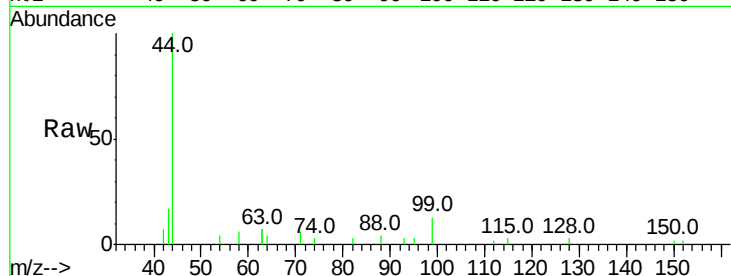
Tot Ion: 99 Resp: 367

Ion Ratio Lower Upper

99 100

42 35.1 20.2 30.2#

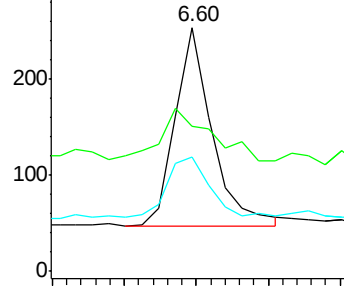
71 34.9 28.4 42.6



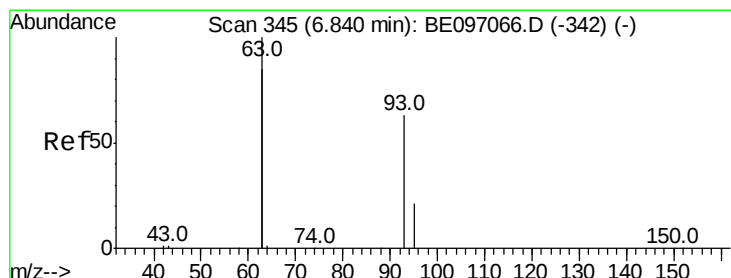
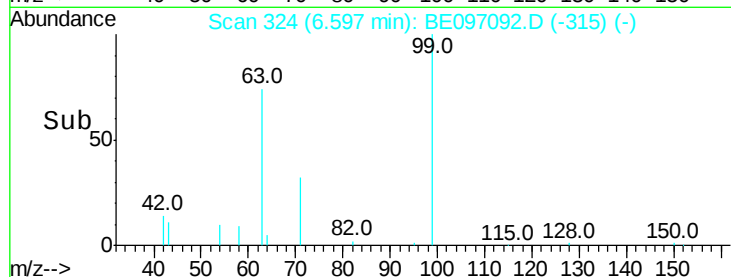
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.50 6.55 6.60 6.65



#6

bis(2-Chloroethyl)ether

Concen: 0.022 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097092.D

Acq: 25 Jul 2018 4:27

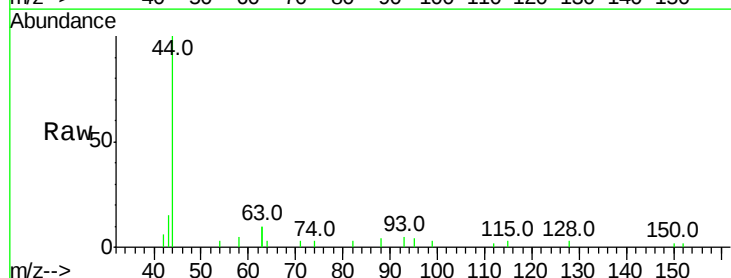
Tgt Ion: 93 Resp: 116

Ion Ratio Lower Upper

93 100

63 287.1 275.3 412.9

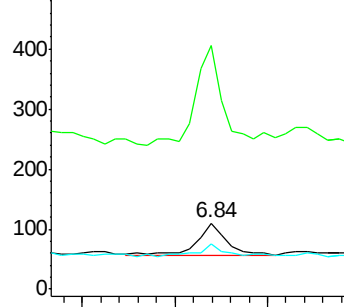
95 30.2 25.2 37.8



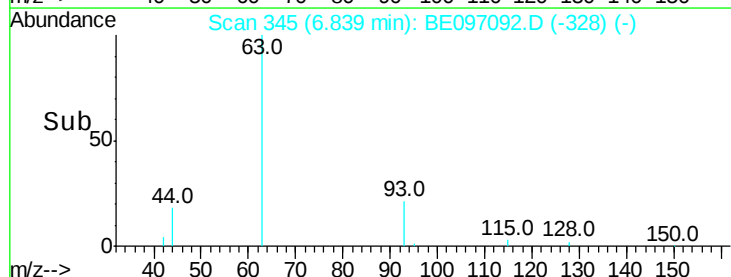
Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time--> 6.70 6.80 6.90





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097092.D

Acq: 25 Jul 2018 4:27

Instrument :

BNA_E

ClientSampleId :

RE126D2-071718DL

Tot Ion:136 Resp: 6340

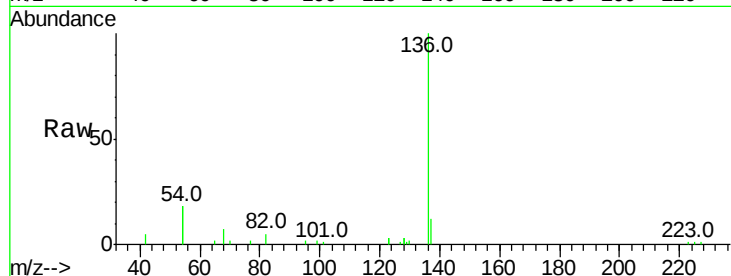
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 36.5 29.1 43.7

68 7.1 6.2 9.2

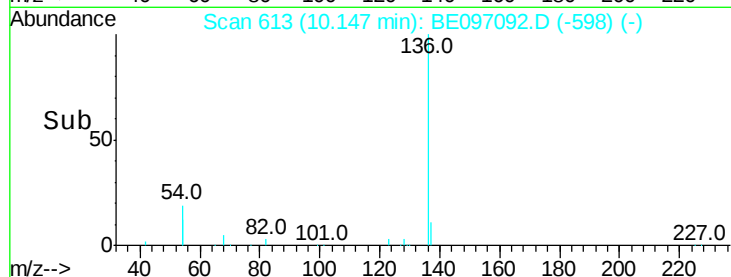


Abundance Ion 136.00 (135.70 to 136.70): E

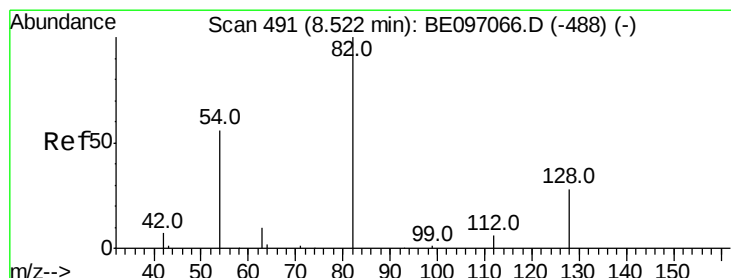
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 10.00 10.10 10.20 10.30



#8

Nitrobenzene-d5

Concen: 0.275 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097092.D

Acq: 25 Jul 2018 4:27

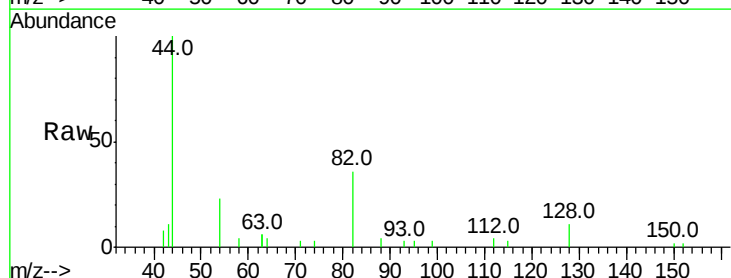
Tgt Ion: 82 Resp: 1517

Ion Ratio Lower Upper

82 100

128 30.5 24.0 36.0

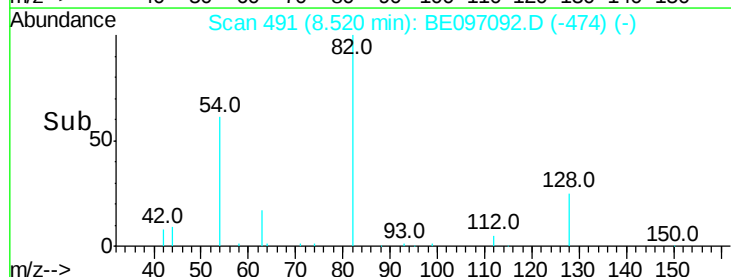
54 65.2 40.0 60.0#



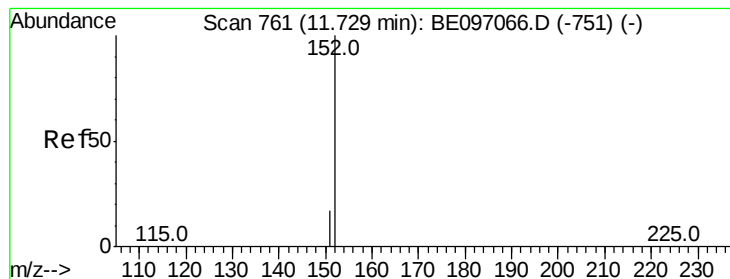
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time--> 8.40 8.50 8.60 8.70



#11

2-Methylnaphthalene-d10

Concen: 0.246 ng

RT: 11.73 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE097092.D

Acq: 25 Jul 2018 4:27

Instrument :

BNA_E

ClientSampleId :

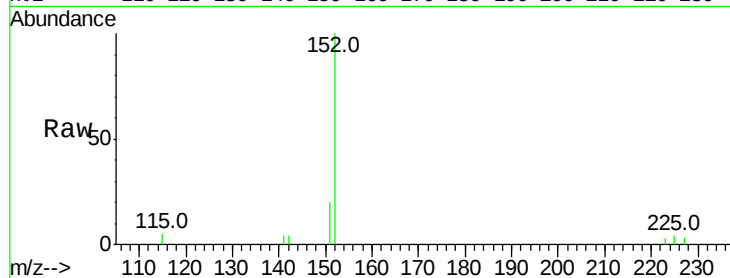
RE126D2-071718DL

Tot Ion:152 Resp: 2333

Ion Ratio Lower Upper

152 100

151 18.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.73

1500

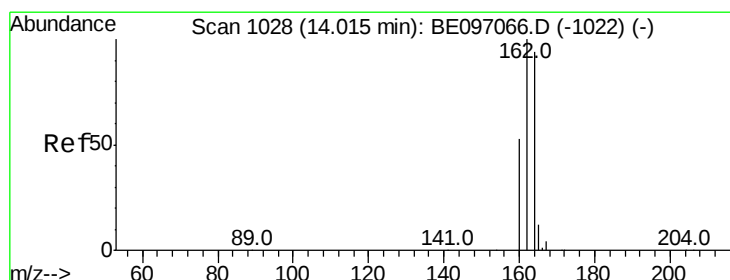
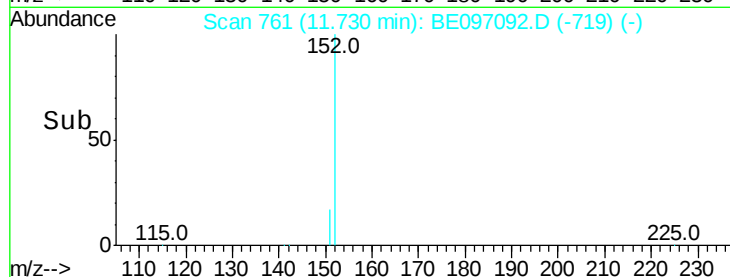
1000

500

0

Time-->

11.70 11.80



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BE097092.D

Acq: 25 Jul 2018 4:27

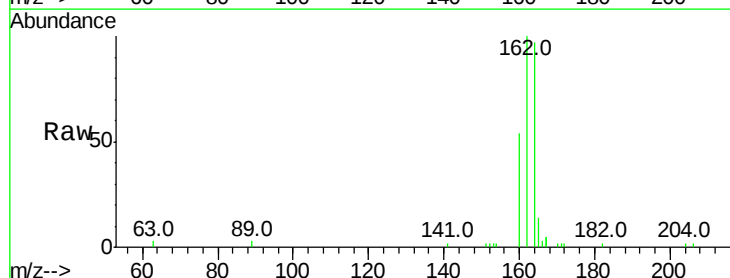
Tgt Ion:164 Resp: 3756

Ion Ratio Lower Upper

164 100

162 102.8 83.1 124.7

160 55.4 37.1 55.7



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

14.01

3000

2500

2000

1500

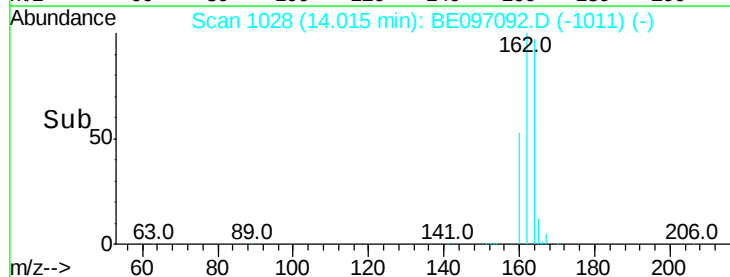
1000

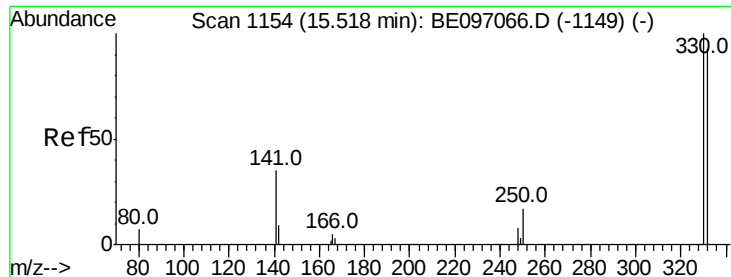
500

0

Time-->

14.00 14.20

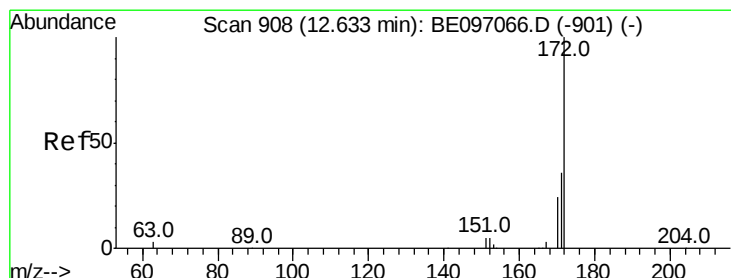
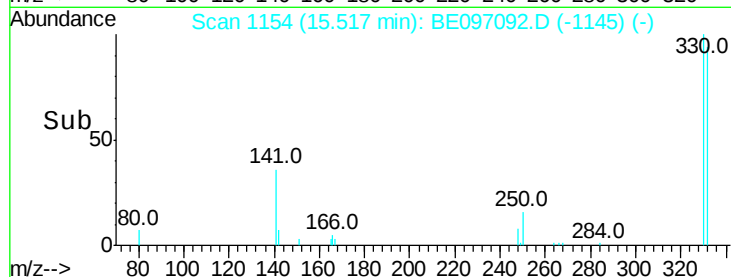
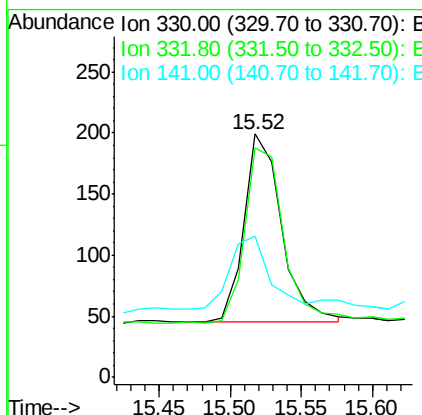
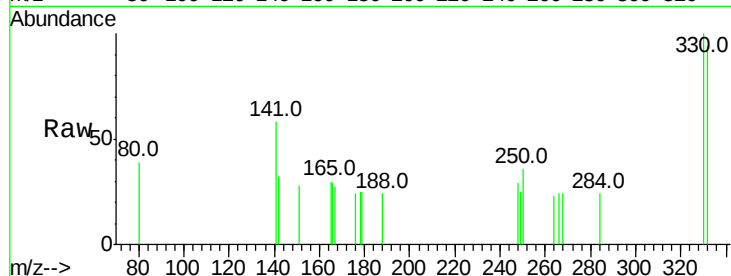




#14
 2,4,6-Tribromophenol
 Concen: 0.229 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BE097092.D
 Acq: 25 Jul 2018 4:27

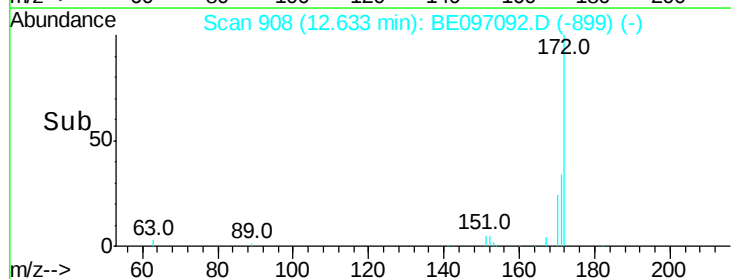
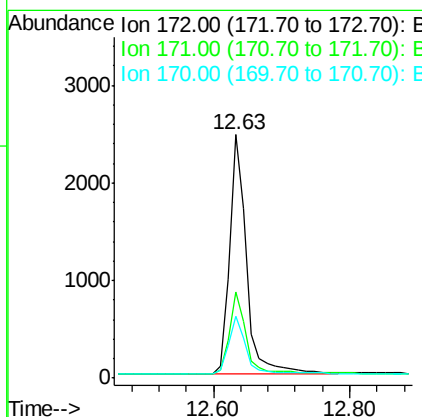
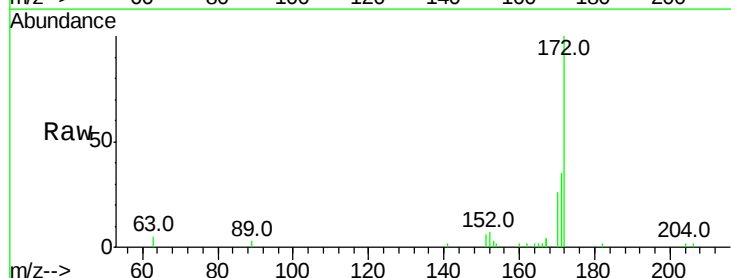
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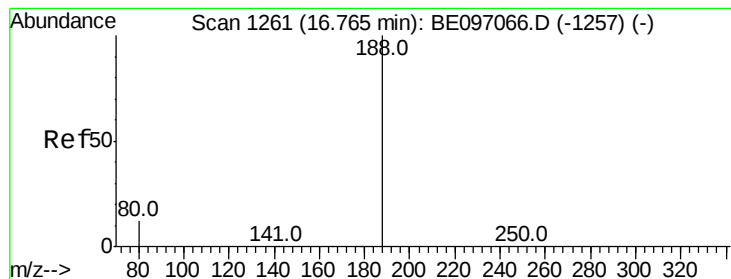
Tot Ion:330 Resp: 283
 Ion Ratio Lower Upper
 330 100
 332 98.2 152.7 229.1#
 141 42.4 33.7 50.5



#15
 2-Fluorobiphenyl
 Concen: 0.329 ng
 RT: 12.63 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BE097092.D
 Acq: 25 Jul 2018 4:27

Tgt Ion:172 Resp: 4270
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.9 44.9
 170 25.5 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.76 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BE097092.D

Acq: 25 Jul 2018 4:27

Instrument :

BNA_E

ClientSampleId :

RE126D2-071718DL

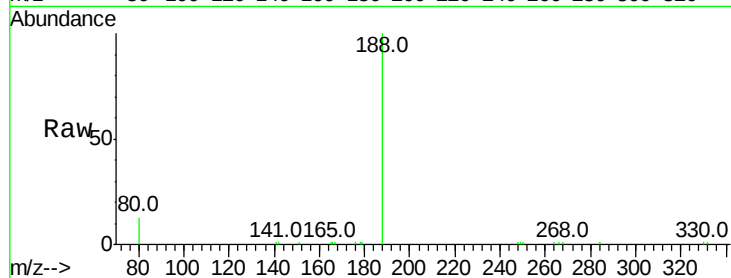
Tot Ion:188 Resp: 11116

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

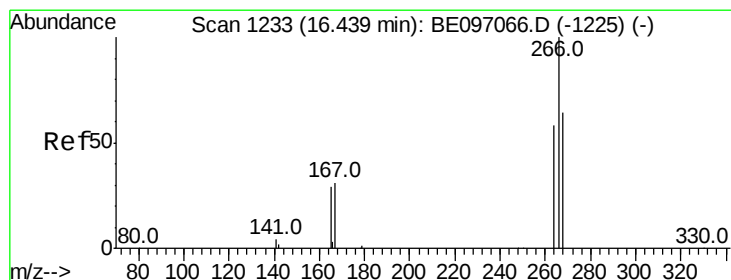
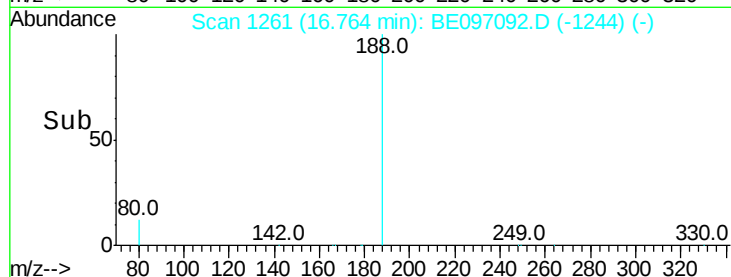
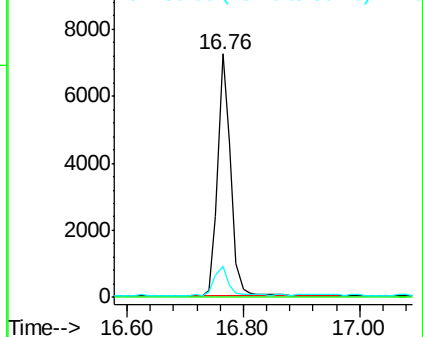
80 13.0 3.6 5.4#



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: 0.046 ng

RT: 16.43 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BE097092.D

Acq: 25 Jul 2018 4:27

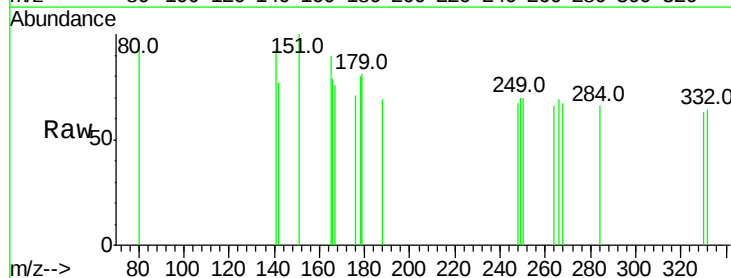
Tgt Ion:266 Resp: 15

Ion Ratio Lower Upper

266 100

264 95.8 72.5 108.7

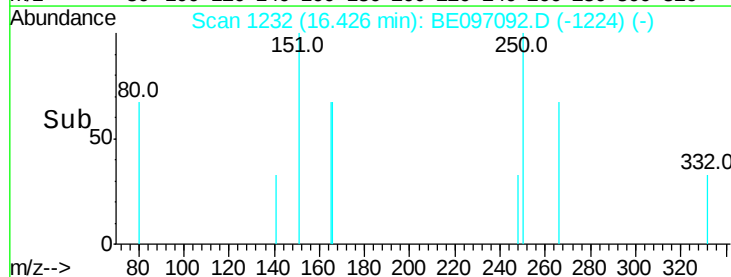
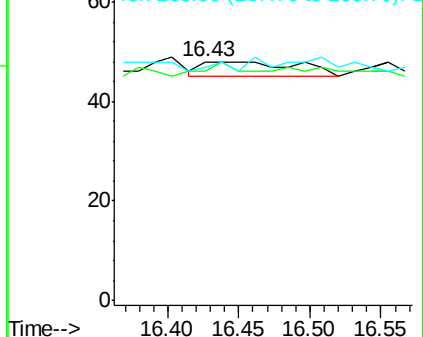
268 97.9 73.8 110.6

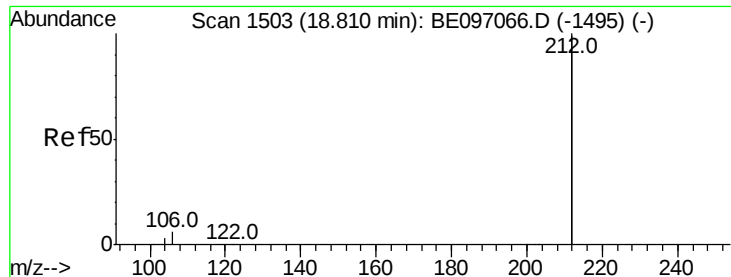


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.282 ng

RT: 18.81 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BE097092.D

Acq: 25 Jul 2018 4:27

Instrument :

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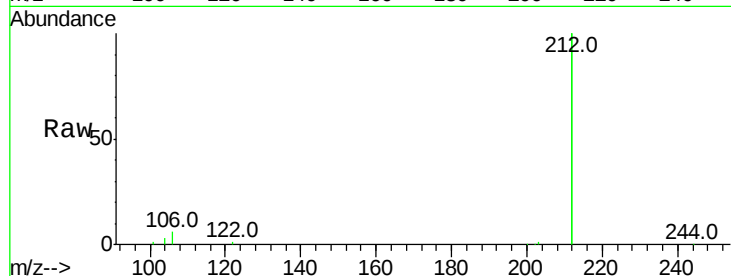
Tot Ion:212 Resp: 31427

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

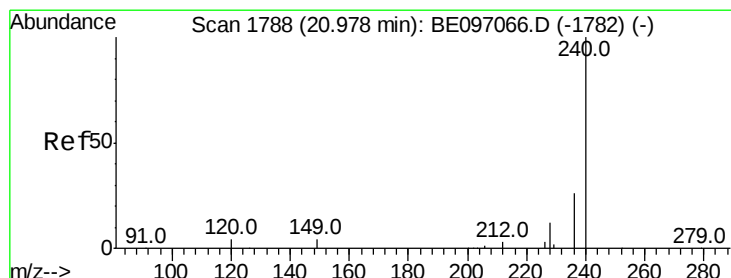
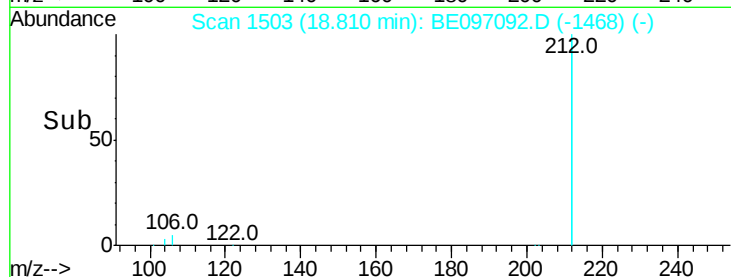
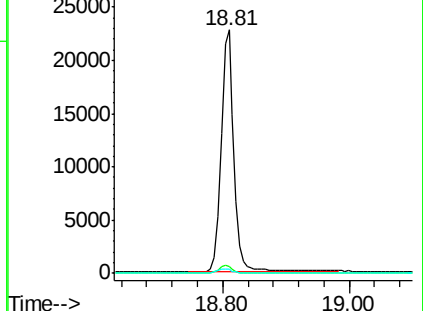
104 1.7 1.6 2.4



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: BE097092.D

Acq: 25 Jul 2018 4:27

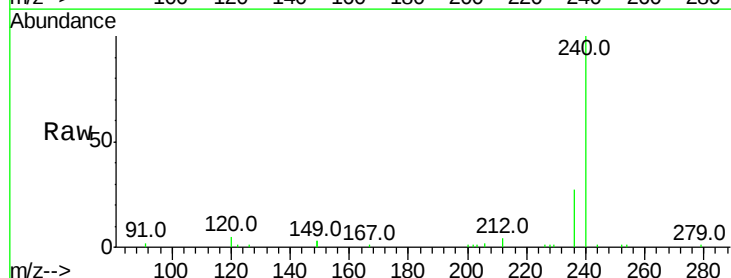
Tgt Ion:240 Resp: 10128

Ion Ratio Lower Upper

240 100

120 4.8 5.5 8.3#

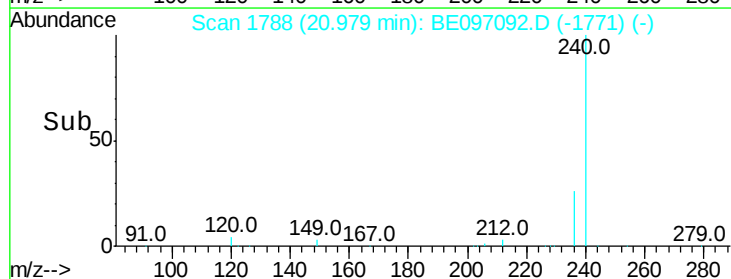
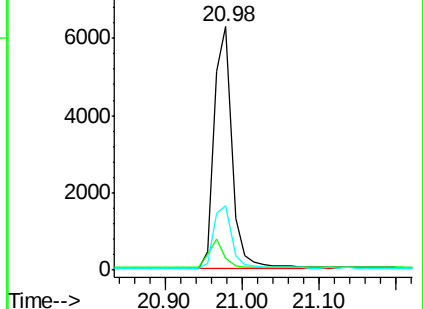
236 26.6 20.7 31.1

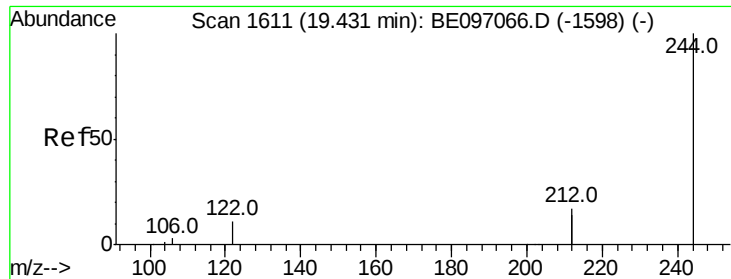


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.347 ng

RT: 19.42 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BE097092.D

Acq: 25 Jul 2018 4:27

Instrument :

BNA_E

ClientSampleId :

RE126D2-071718DL

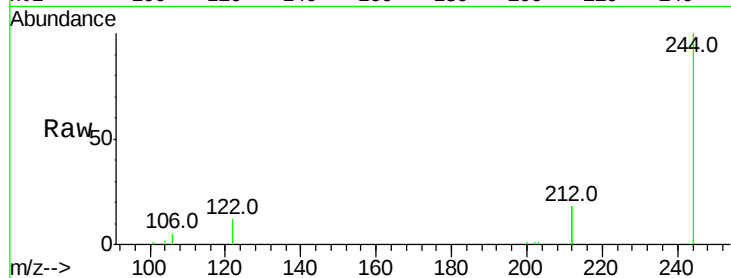
Tot Ion:244 Resp: 6749

Ion Ratio Lower Upper

244 100

212 35.6 25.4 38.0

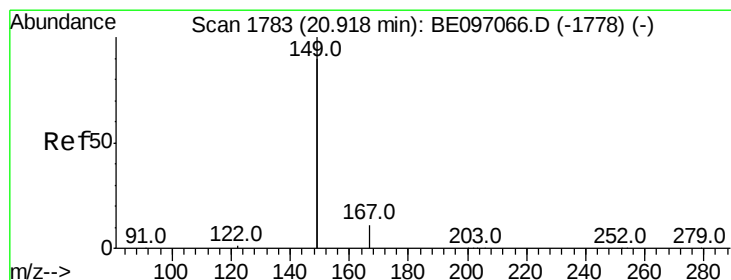
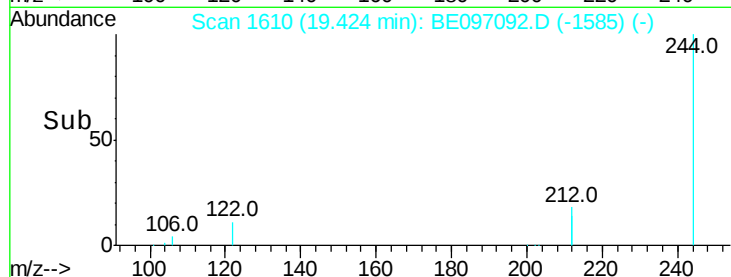
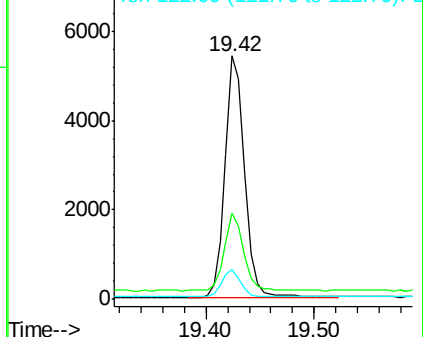
122 12.2 8.1 12.1#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.045 ng

RT: 20.92 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BE097092.D

Acq: 25 Jul 2018 4:27

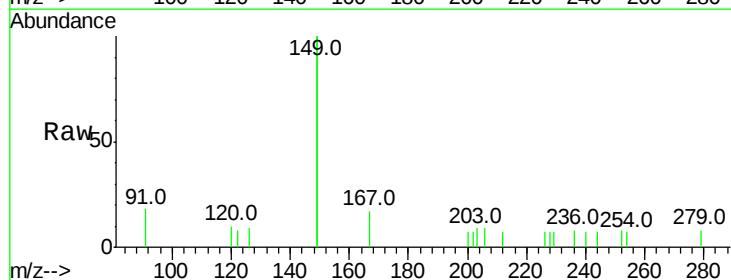
Tgt Ion:149 Resp: 1459

Ion Ratio Lower Upper

149 100

167 5.8 5.4 8.0

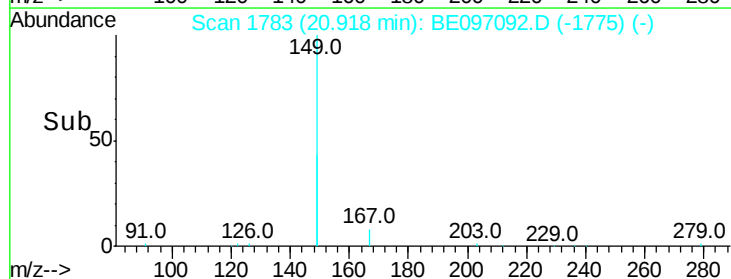
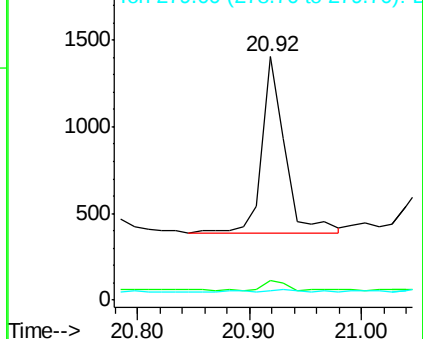
279 1.1 0.7 1.1#

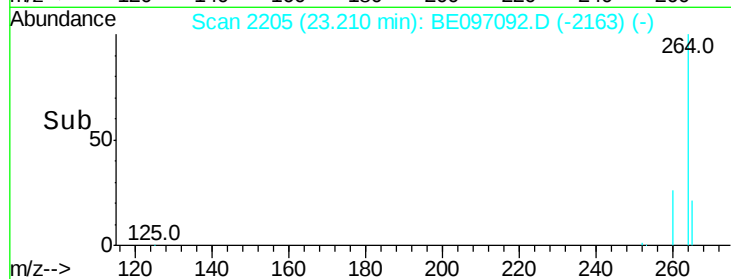
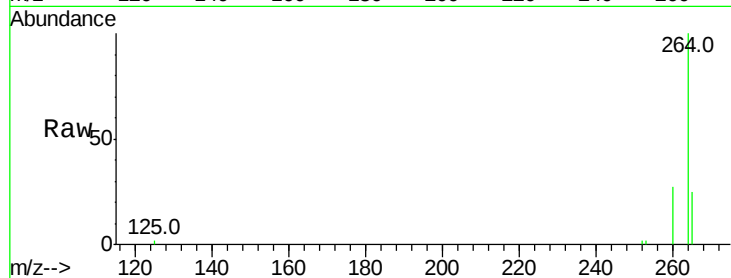
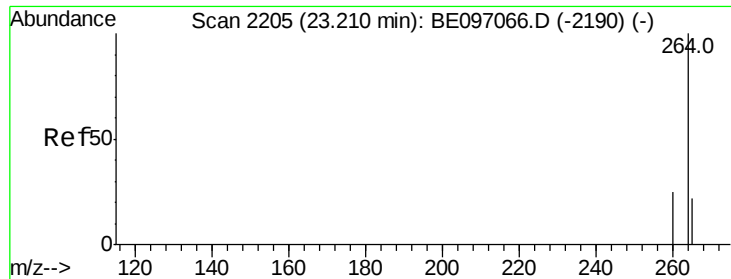


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlone-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BE097092.D

Acq: 25 Jul 2018 4:27

Instrument :

BNA_E

ClientSampleId :

RE126D2-071718DL

Tot Ion:264 Resp: 9517

Ion Ratio Lower Upper

264 100

260 26.8 20.5 30.7

265 25.4 22.8 34.2

