

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100418\
 Data File : BE097736.D
 Acq On : 4 Oct 2018 21:41
 Operator : SJ/JU
 Sample : J5189-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-105D2-20180927

Quant Time: Oct 05 06:52:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 03 12:17:19 2018
 Response via : Initial Calibration

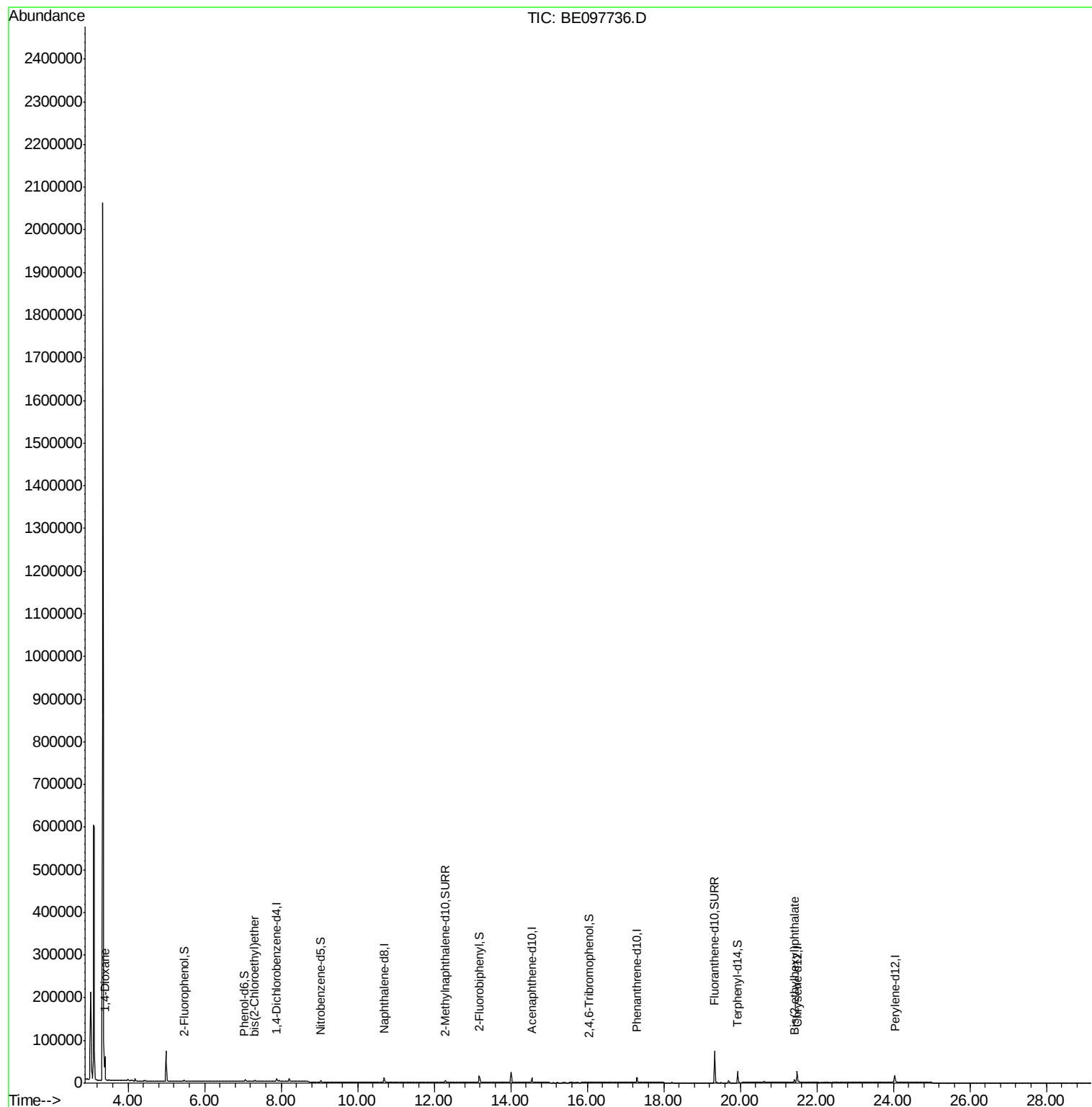
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3015	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	11774	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	6612	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	19256	0.40	ng	0.00
27) Chrysene-d12	21.49	240	26432	0.40	ng	0.00
34) Perylene-d12	24.04	264	24891	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1338	0.19	ng	0.00
5) Phenol-d6	7.05	99	1130	0.10	ng	0.00
8) Nitrobenzene-d5	9.04	82	2462	0.64	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	6893	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.05	330	526	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	17501	0.60	ng	-0.02
25) Fluoranthene-d10	19.33	212	103555	0.42	ng	0.00
29) Terphenyl-d14	19.93	244	24361	0.45	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.40	88	31237	5.200	ng	Qvalue 97
6) bis(2-Chloroethyl)ether	7.31	93	565	0.050	ng	98
32) Bis(2-ethylhexyl)phthalate	21.41	149	6828	0.131	ng	# 100

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

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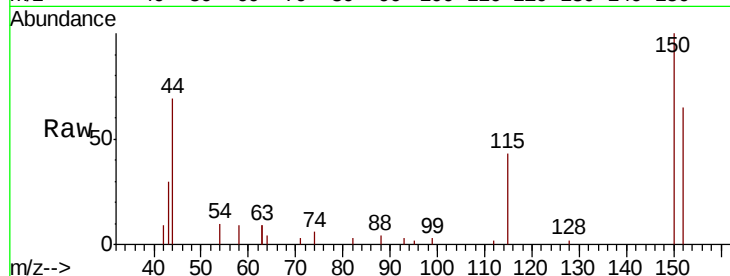


#1

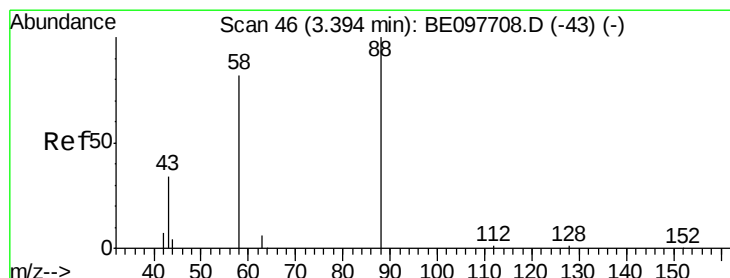
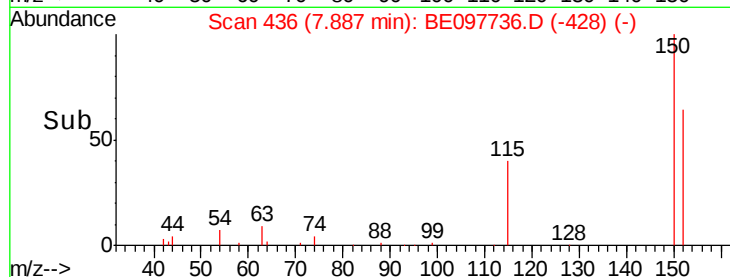
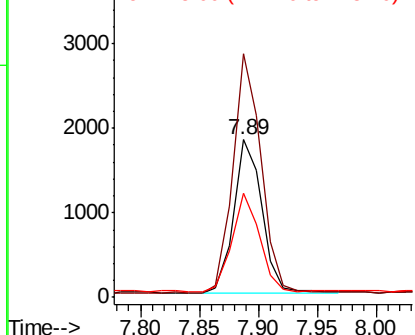
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.01 min
Lab File: BE097736.D
Acq: 4 Oct 2018 21:41

Instrument :
BNA_E
ClientSampleId :
RE-105D2-20180927

Tgt Ion:152 Resp: 3015
Ion Ratio Lower Upper
152 100
150 154.5 120.9 181.3
115 65.7 46.6 69.8



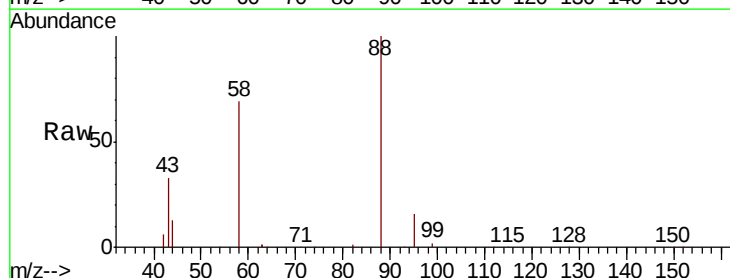
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



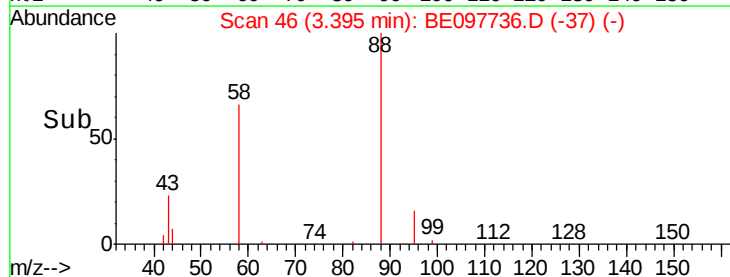
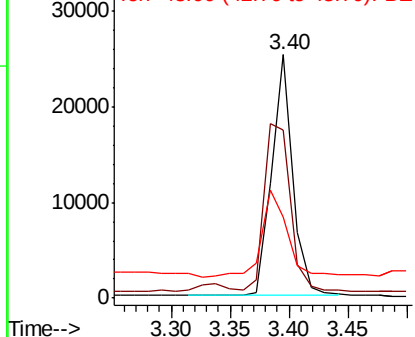
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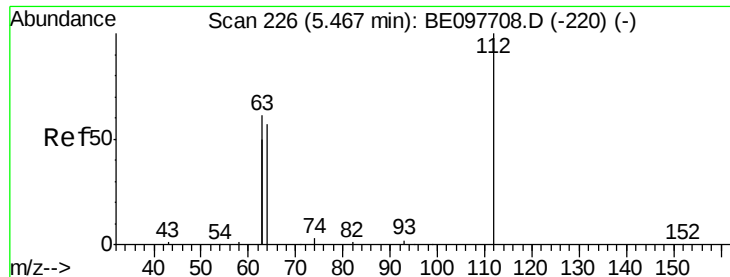
1,4-Dioxane
Concen: 5.200 ng
RT: 3.40 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE097736.D
Acq: 4 Oct 2018 21:41

Tgt Ion: 88 Resp: 31237
Ion Ratio Lower Upper
88 100
58 85.2 70.8 106.2
43 43.8 33.3 49.9



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: 0.188 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.00 min

Lab File: BE097736.D

Acq: 4 Oct 2018 21:41

Instrument :

BNA_E

ClientSampleId :

RE-105D2-20180927

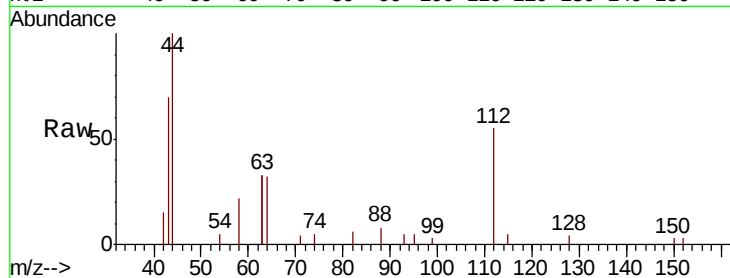
Tgt Ion: 112 Resp: 1338

Ion Ratio Lower Upper

112 100

64 70.9 56.6 84.8

63 139.5 119.4 179.0



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

2000

1500

1000

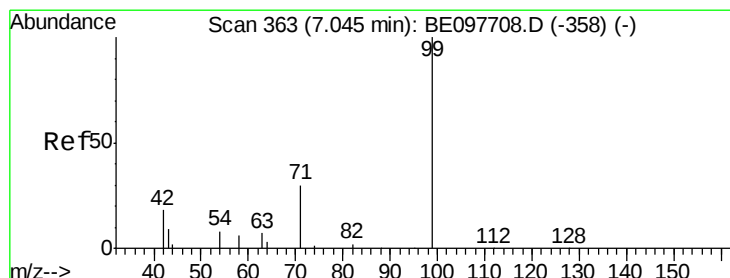
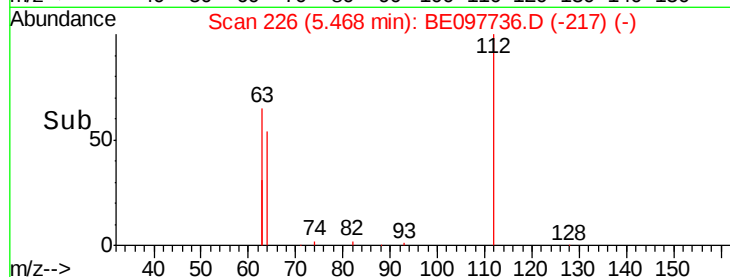
500

0

5.47

5.40 5.50 5.60

Time-->



#5

Phenol-d6

Concen: 0.103 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE097736.D

Acq: 4 Oct 2018 21:41

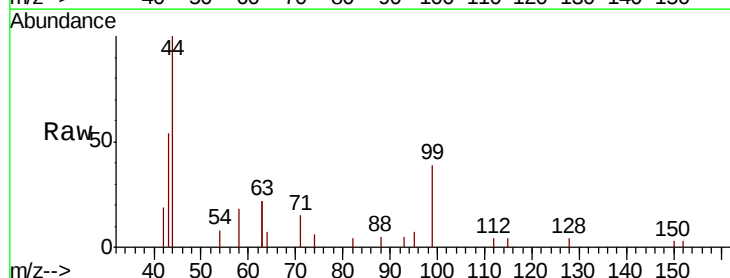
Tgt Ion: 99 Resp: 1130

Ion Ratio Lower Upper

99 100

42 43.3 19.9 29.9#

71 39.6 25.4 38.2#



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

800

600

400

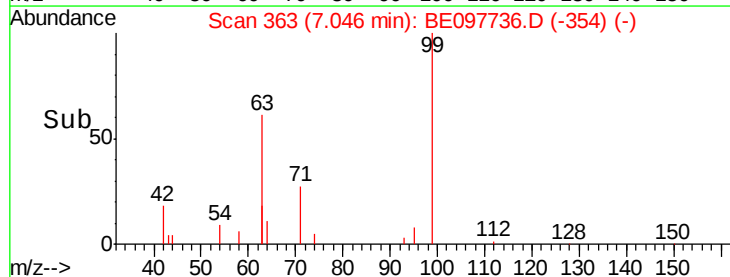
200

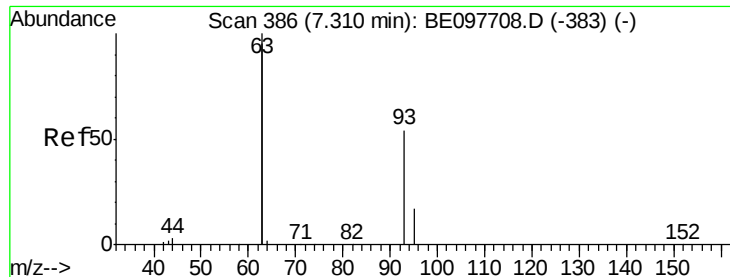
0

7.05

6.90 7.00 7.10 7.20

Time-->





#6

bis(2-Chloroethyl)ether

Concen: 0.050 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE097736.D

Acq: 4 Oct 2018 21:41

Instrument :

BNA_E

ClientSampleId :

RE-105D2-20180927

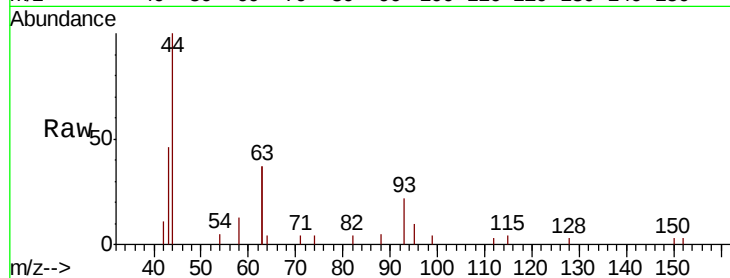
Tgt Ion: 93 Resp: 565

Ion Ratio Lower Upper

93 100

63 331.2 266.9 400.3

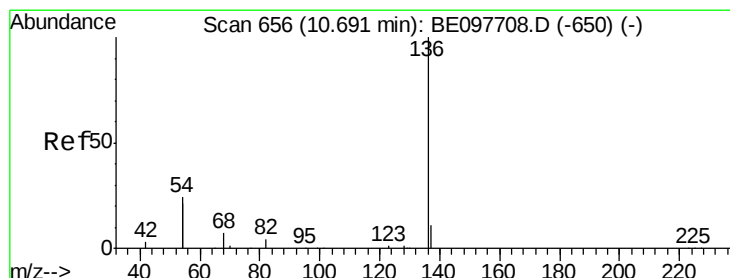
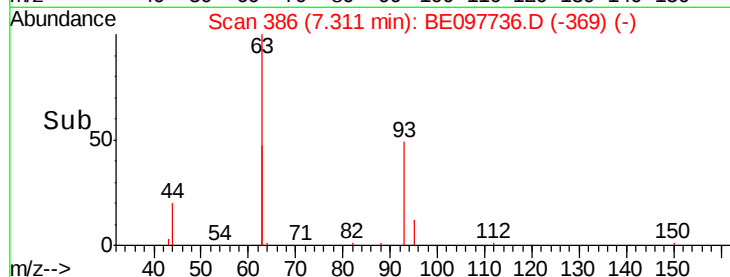
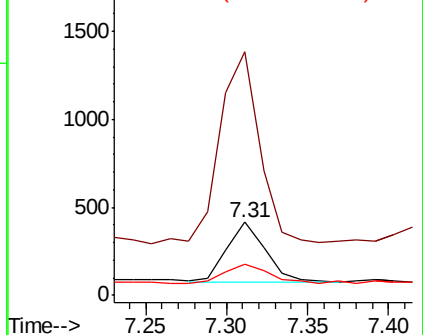
95 36.6 26.2 39.2



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097736.D

Acq: 4 Oct 2018 21:41

Tgt Ion: 136 Resp: 11774

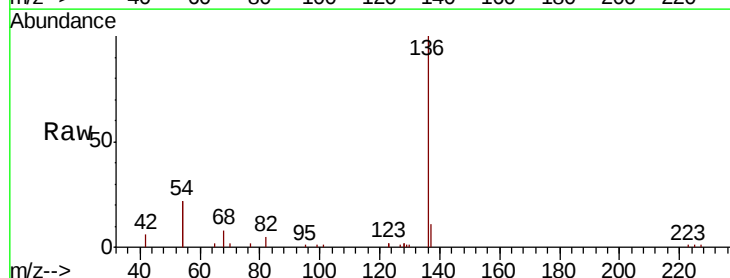
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 44.1 37.8 56.6

68 7.9 6.4 9.6

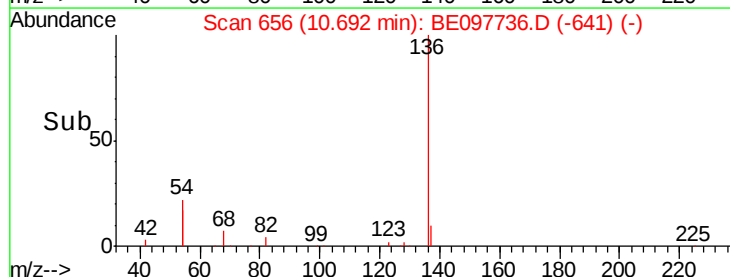
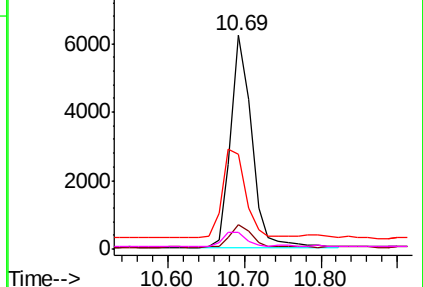


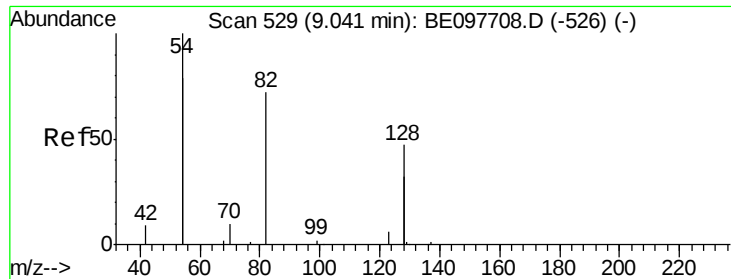
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.644 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097736.D

Acq: 4 Oct 2018 21:41

Instrument :

BNA_E

ClientSampleId :

RE-105D2-20180927

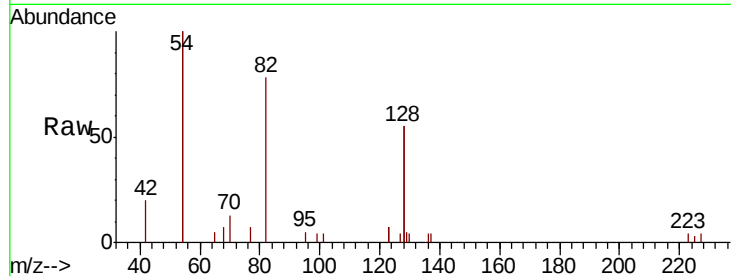
Tgt Ion: 82 Resp: 2462

Ion Ratio Lower Upper

82 100

128 141.2 97.0 145.4

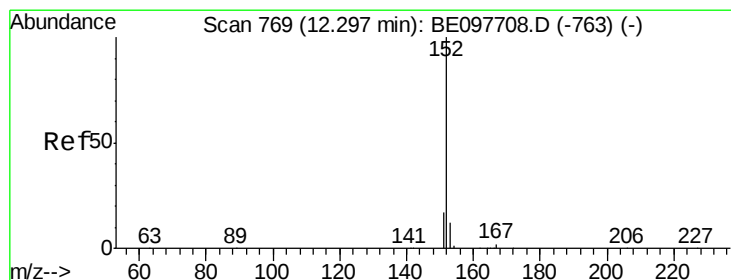
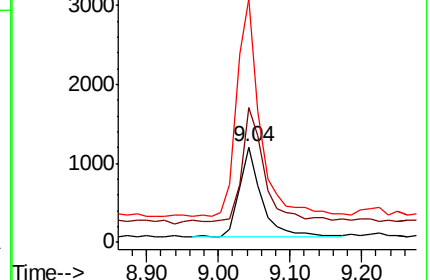
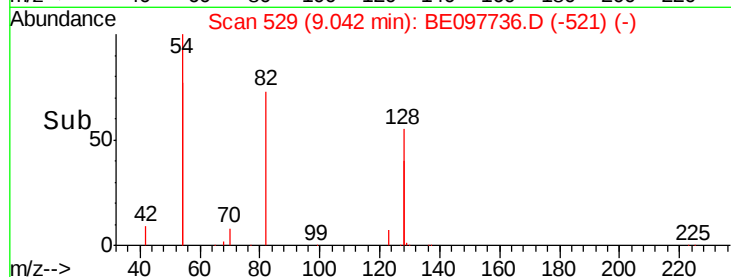
54 255.8 206.9 310.3



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.368 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097736.D

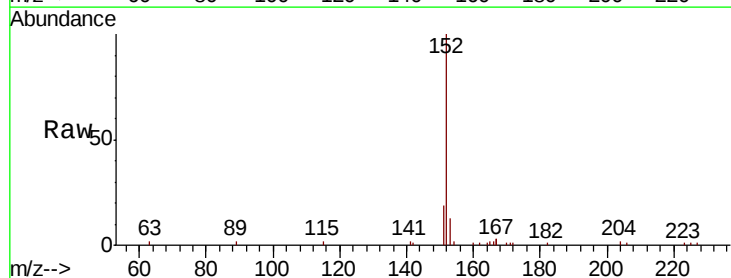
Acq: 4 Oct 2018 21:41

Tgt Ion: 152 Resp: 6893

Ion Ratio Lower Upper

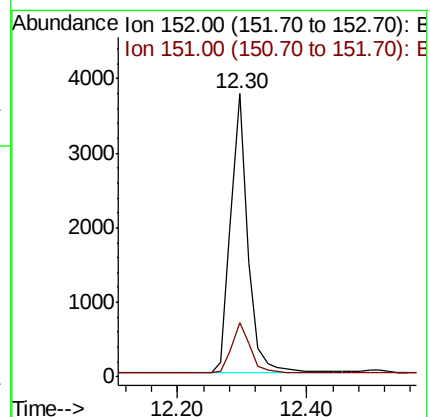
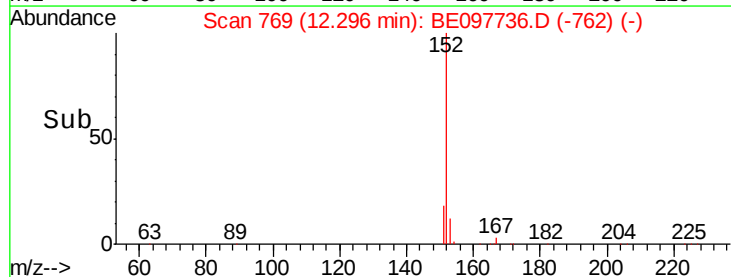
152 100

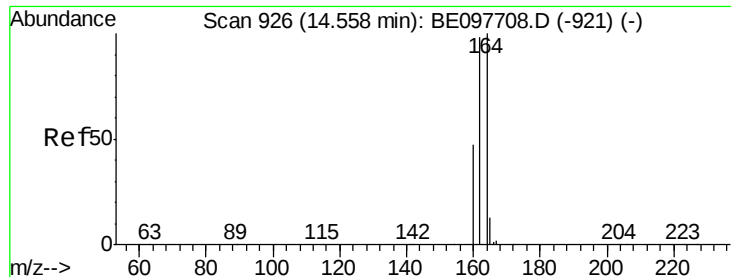
151 19.3 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

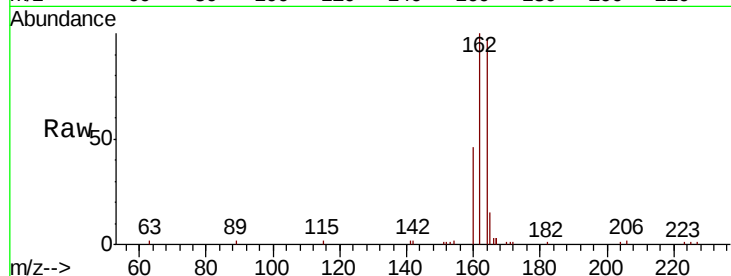




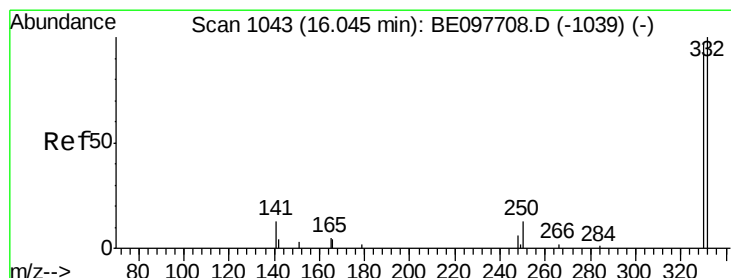
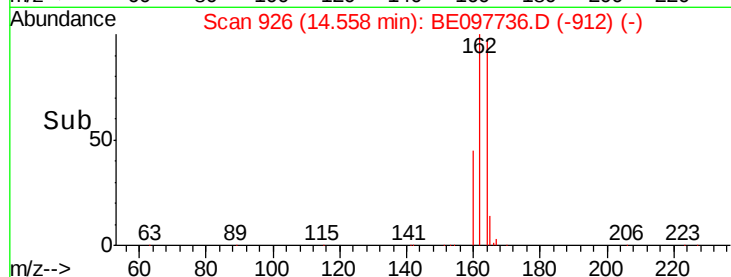
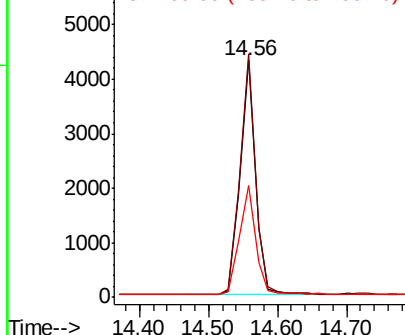
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097736.D
Acq: 4 Oct 2018 21:41

Instrument :
BNA_E
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RE-105D2-20180927

Tgt Ion:164 Resp: 6612
Ion Ratio Lower Upper
164 100
162 102.7 78.6 117.8
160 47.2 37.8 56.6

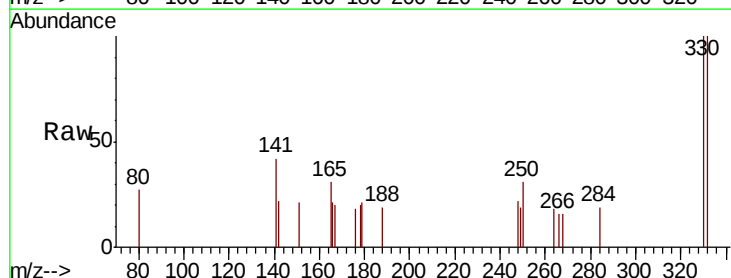


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

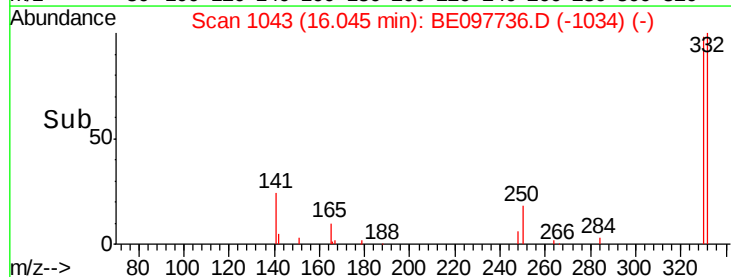
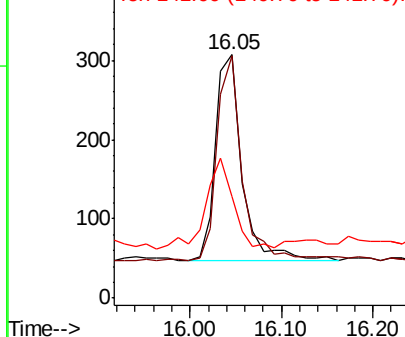


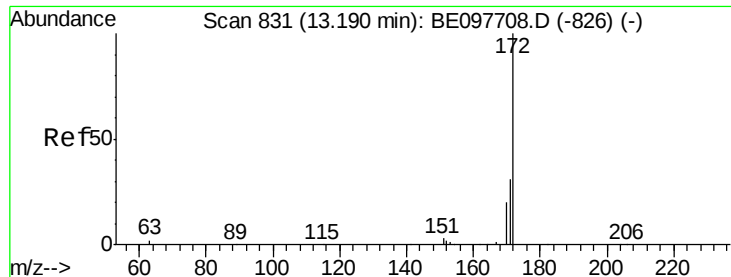
#14
2,4,6-Tribromophenol
Concen: 0.439 ng
RT: 16.05 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BE097736.D
Acq: 4 Oct 2018 21:41

Tgt Ion:330 Resp: 526
Ion Ratio Lower Upper
330 100
332 94.1 83.5 125.3
141 45.8 34.9 52.3



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

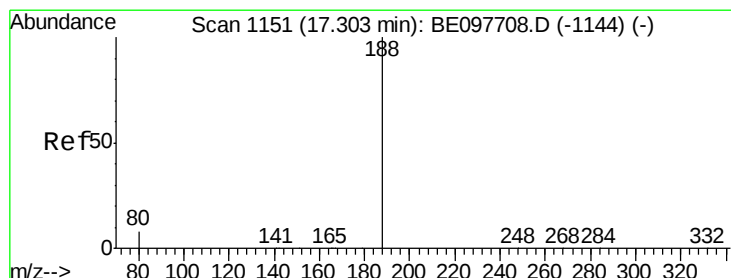
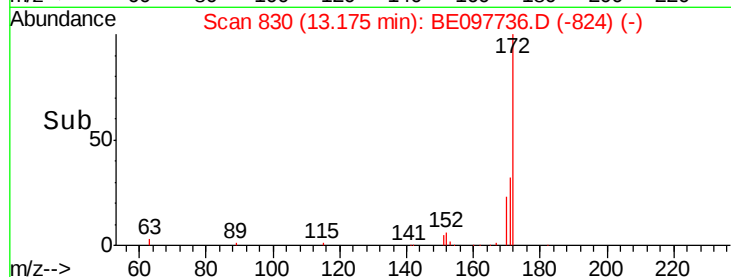
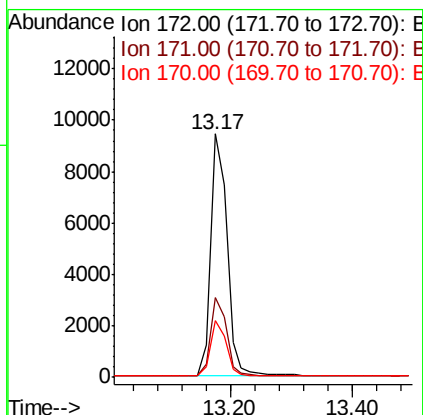
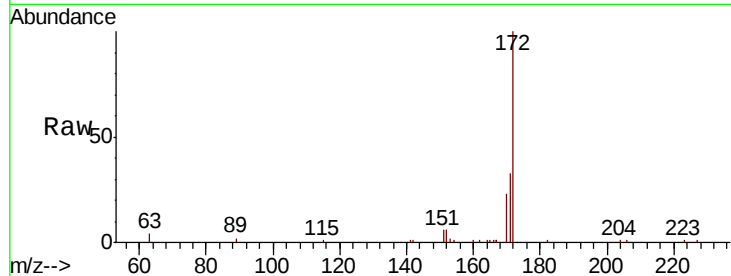




#15
2-Fluorobiphenyl
Concen: 0.601 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.02 min
Lab File: BE097736.D
Acq: 4 Oct 2018 21:41

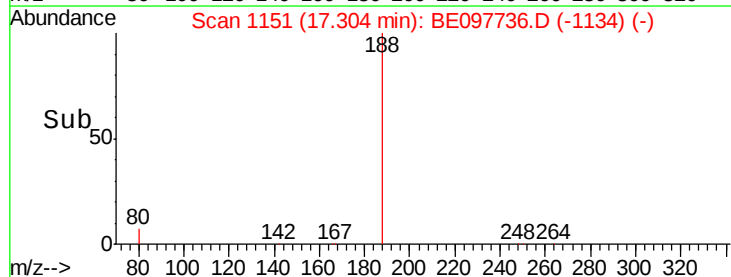
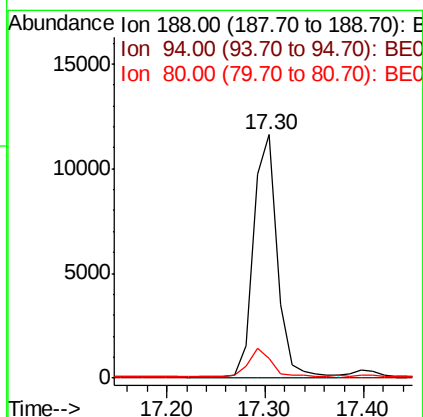
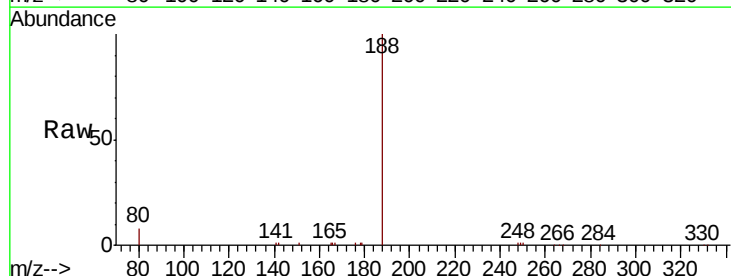
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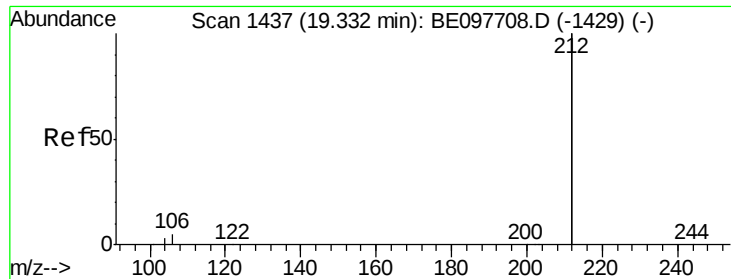
Tgt Ion:172 Resp: 17501
Ion Ratio Lower Upper
172 100
171 32.5 25.2 37.8
170 23.1 16.2 24.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE097736.D
Acq: 4 Oct 2018 21:41

Tgt Ion:188 Resp: 19256
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.9 6.6 9.8





#25

Fluoranthene-d10

Concen: 0.425 ng

RT: 19.33 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BE097736.D

Acq: 4 Oct 2018 21:41

Instrument :

BNA_E

ClientSampleId :

RE-105D2-20180927

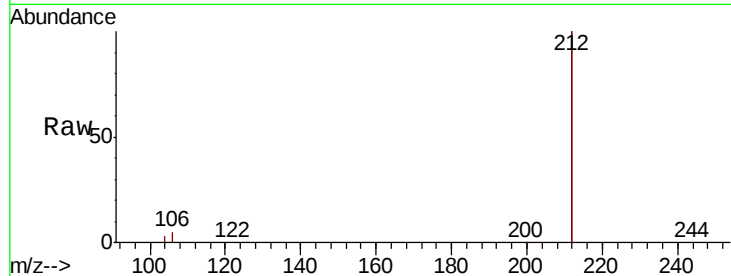
Tgt Ion:212 Resp: 103555

Ion Ratio Lower Upper

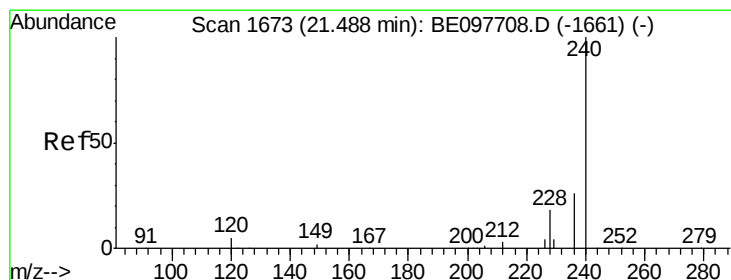
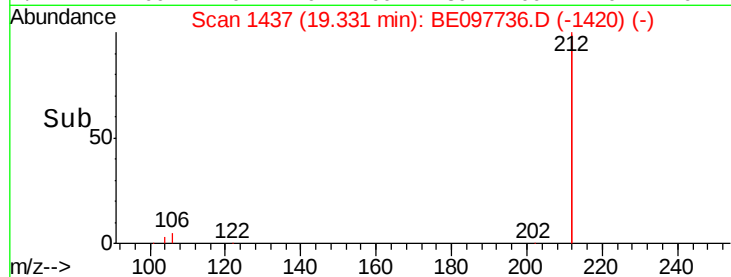
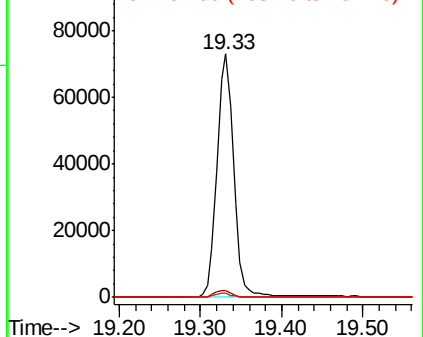
212 100

106 2.7 2.2 3.2

104 1.5 1.2 1.8



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: 21.49 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BE097736.D

Acq: 4 Oct 2018 21:41

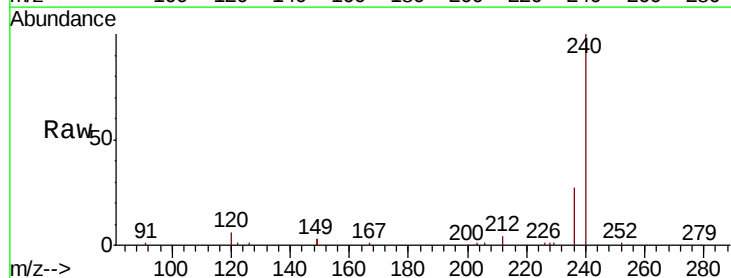
Tgt Ion:240 Resp: 26432

Ion Ratio Lower Upper

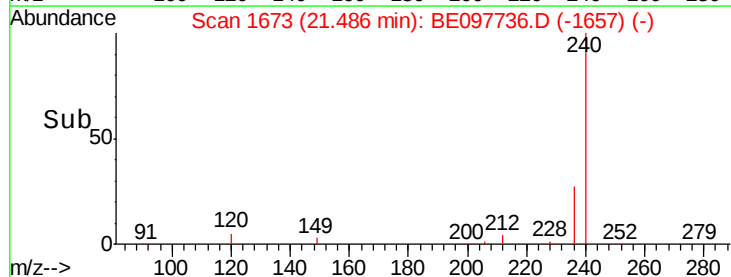
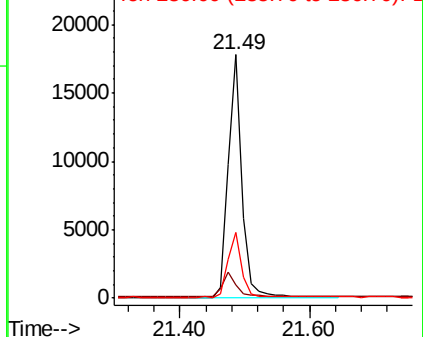
240 100

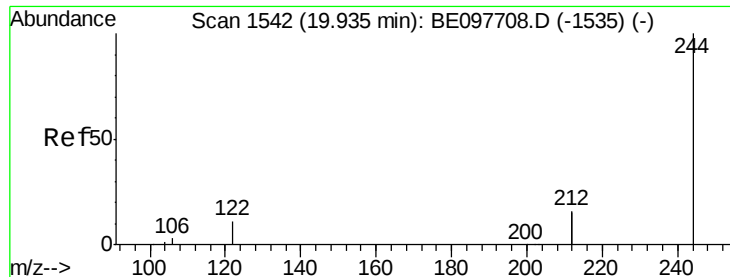
120 5.7 4.7 7.1

236 26.9 20.8 31.2



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: 0.451 ng

RT: 19.93 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BE097736.D

Acq: 4 Oct 2018 21:41

Instrument :

BNA_E

ClientSampleId :

RE-105D2-20180927

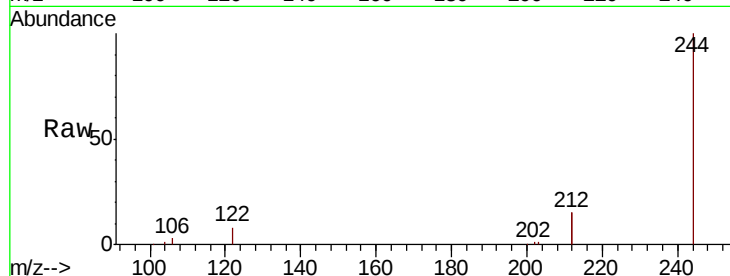
Tgt Ion:244 Resp: 24361

Ion Ratio Lower Upper

244 100

212 29.8 25.8 38.8

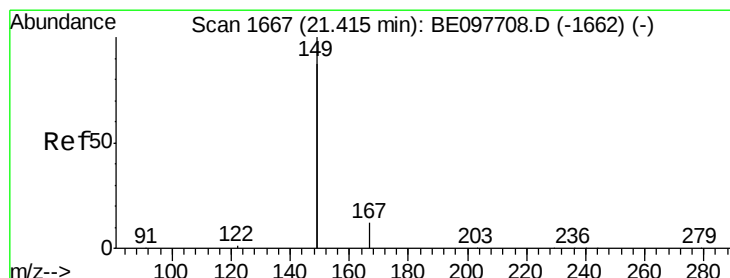
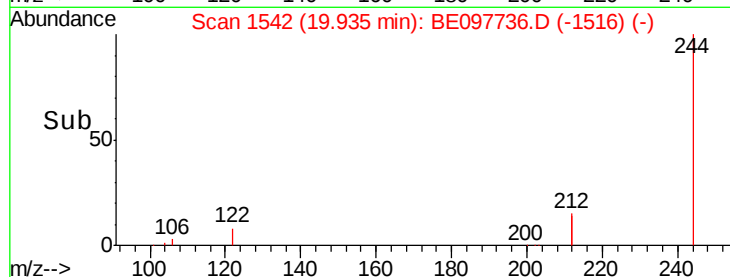
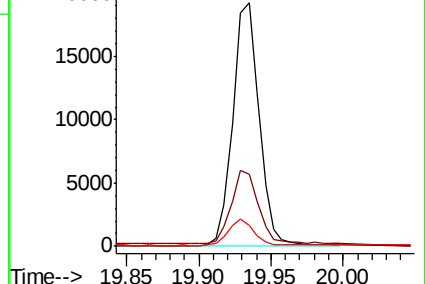
122 8.4 8.7 13.1#



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: 0.131 ng

RT: 21.41 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BE097736.D

Acq: 4 Oct 2018 21:41

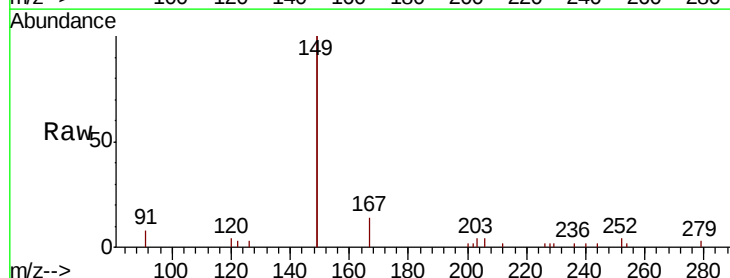
Tgt Ion:149 Resp: 6828

Ion Ratio Lower Upper

149 100

167 6.8 5.5 8.3

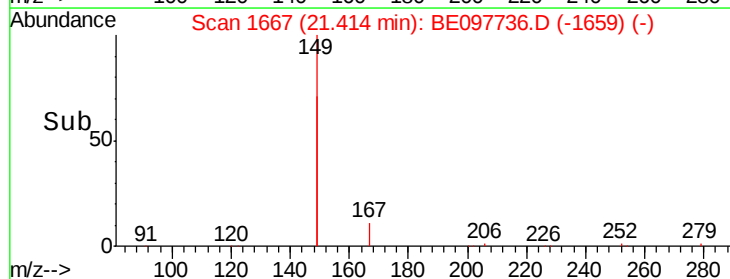
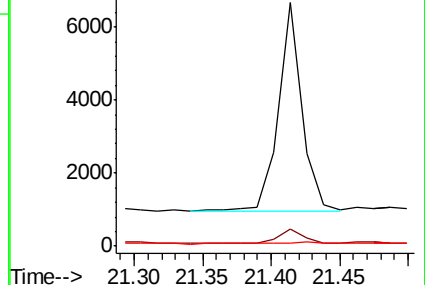
279 1.3 0.9 1.3#

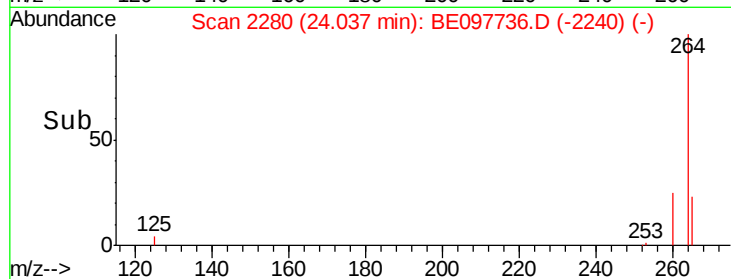
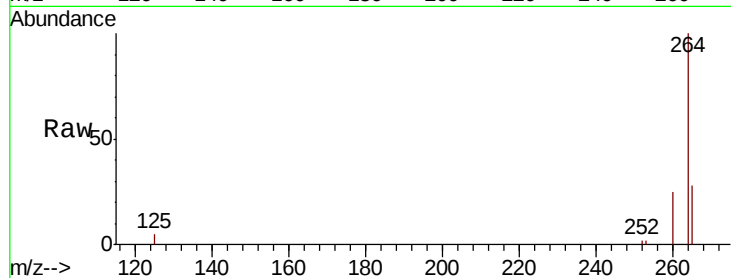
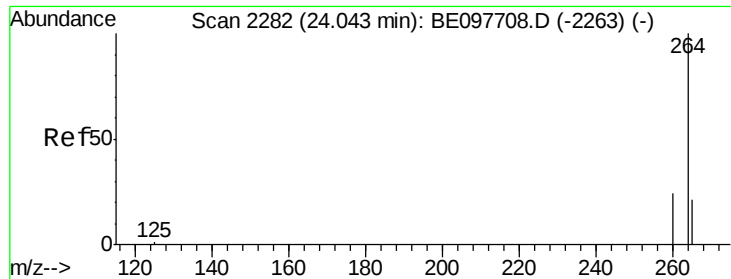


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 24.04 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BE097736.D

Acq: 4 Oct 2018 21:41

Instrument :

BNA_E

ClientSampleId :

RE-105D2-20180927

Tgt Ion: 264 Resp: 24891

Ion Ratio Lower Upper

264 100

260 25.5 19.1 28.7

265 28.4 21.9 32.9

