

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100418\
 Data File : BE097742.D
 Acq On : 5 Oct 2018 1:22
 Operator : SJ/JU
 Sample : J5189-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-131D3-20180927

Quant Time: Oct 05 06:53:26 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

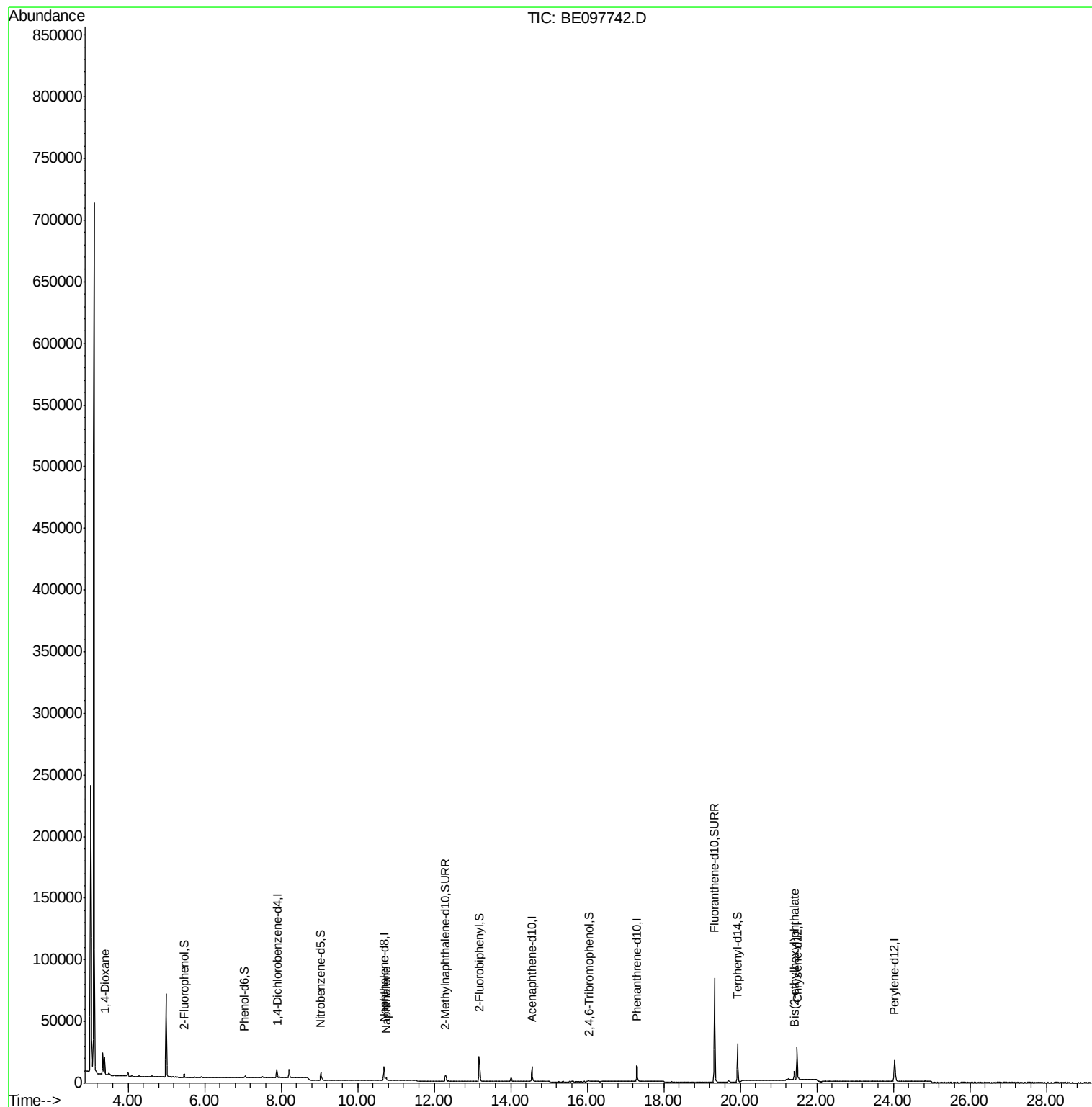
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	3286	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	13151	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	7112	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	20721	0.40	ng	0.00
27) Chrysene-d12	21.49	240	28477	0.40	ng	0.00
34) Perylene-d12	24.03	264	27912	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1504	0.19	ng	0.00
5) Phenol-d6	7.04	99	1261	0.11	ng	0.00
8) Nitrobenzene-d5	9.04	82	2833	0.66	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	7755	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	655	0.51	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	20810	0.66	ng	-0.02
25) Fluoranthene-d10	19.33	212	113890	0.43	ng	0.00
29) Terphenyl-d14	19.93	244	26864	0.46	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.39	88	7463	1.140	ng	Qvalue 98
9) Naphthalene	10.74	128	3497	0.026	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.41	149	7653	0.137	ng	# 100

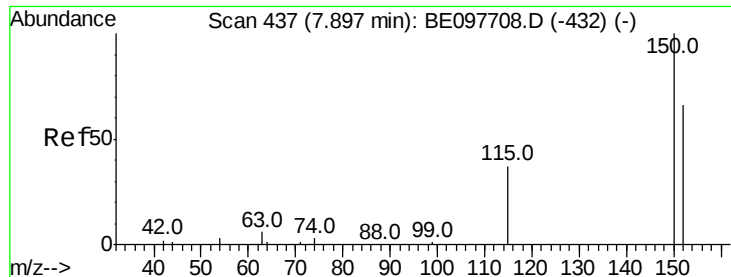
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.90 min Scan# 437

Delta R.T. -0.00 min

Lab File: BE097742.D

Acq: 5 Oct 2018 1:22

Instrument :

BNA_E

ClientSampleId :

RE-131D3-20180927

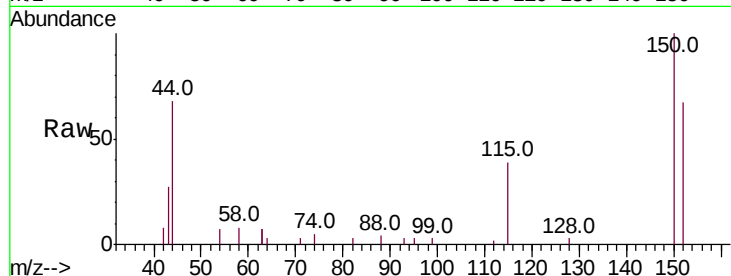
Tot Ion:152 Resp: 3286

Ion Ratio Lower Upper

152 100

150 150.0 120.9 181.3

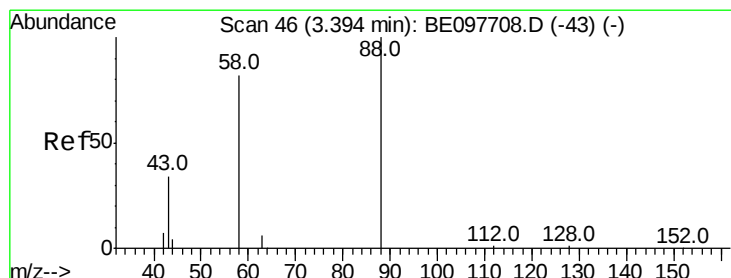
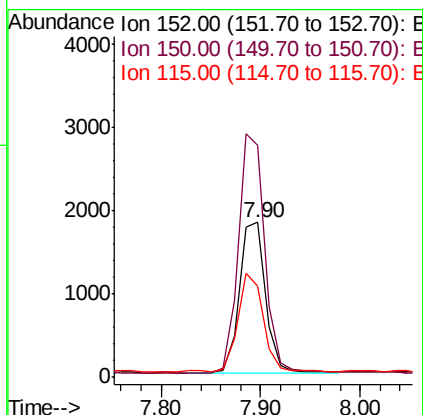
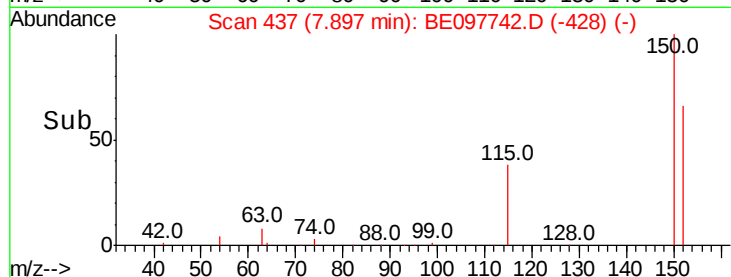
115 59.2 46.6 69.8



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



#2

1,4-Dioxane

Concen: 1.140 ng

RT: 3.39 min Scan# 46

Delta R.T. -0.00 min

Lab File: BE097742.D

Acq: 5 Oct 2018 1:22

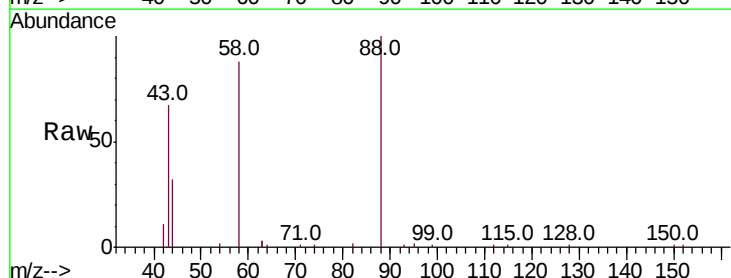
Tgt Ion: 88 Resp: 7463

Ion Ratio Lower Upper

88 100

58 88.9 70.8 106.2

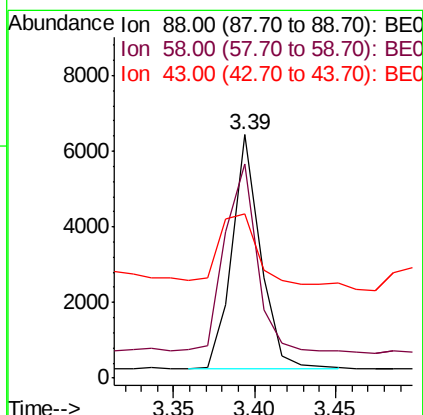
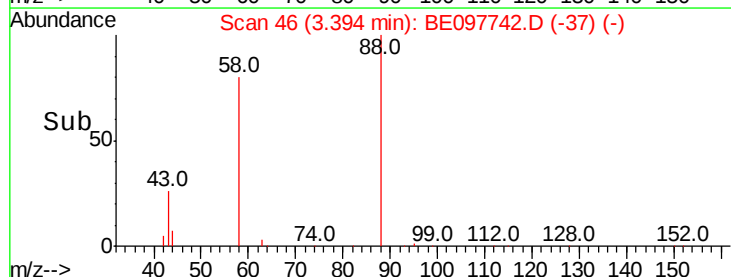
43 39.0 33.3 49.9

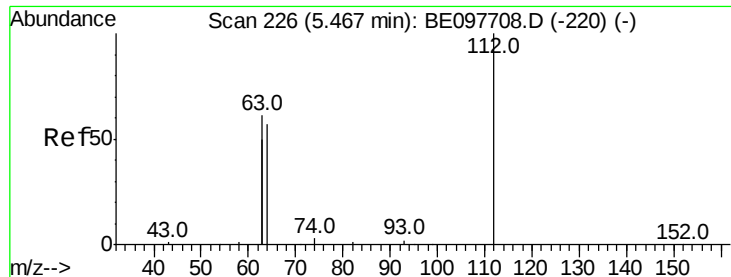


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.193 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097742.D

Acq: 5 Oct 2018 1:22

Instrument :

BNA_E

ClientSampleId :

RE-131D3-20180927

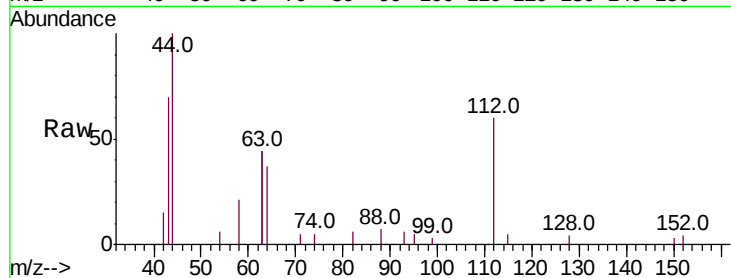
Tot Ion:112 Resp: 1504

Ion Ratio Lower Upper

112 100

64 74.0 56.6 84.8

63 155.7 119.4 179.0



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

2000

1500

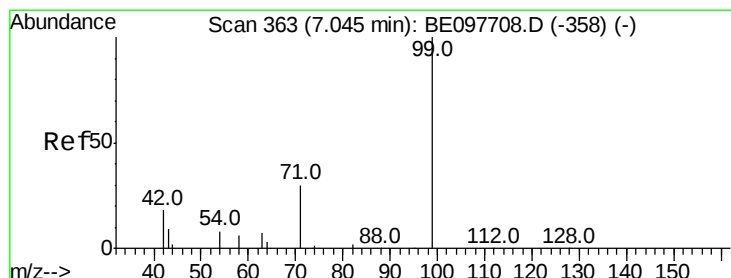
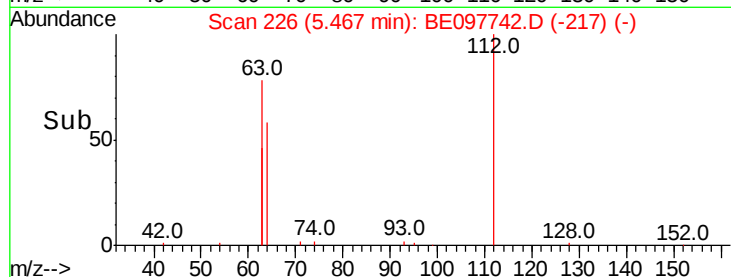
1000

500

0

5.40 5.47 5.50 5.60

Time-->



#5

Phenol-d6

Concen: 0.106 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097742.D

Acq: 5 Oct 2018 1:22

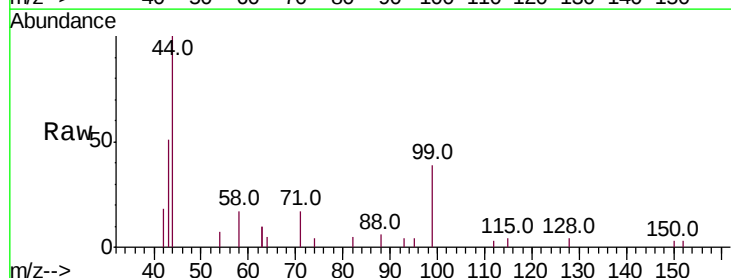
Tgt Ion: 99 Resp: 1261

Ion Ratio Lower Upper

99 100

42 31.9 19.9 29.9#

71 38.1 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

1000

800

600

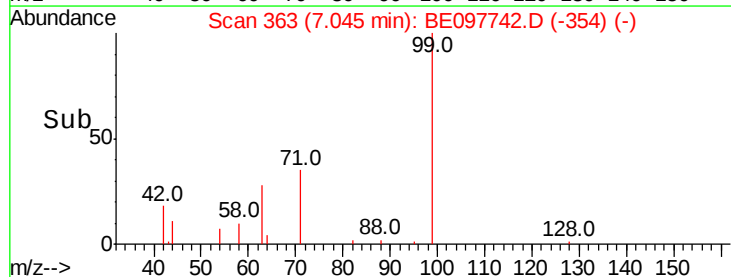
400

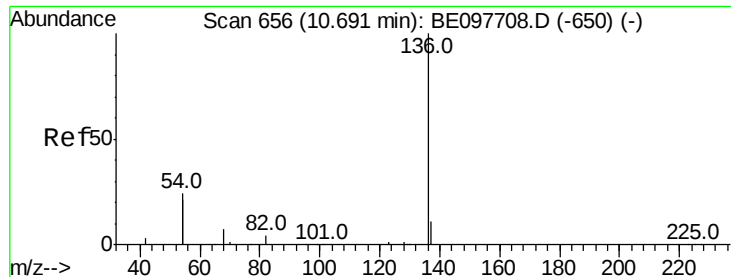
200

0

6.90 7.00 7.04 7.10 7.20

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097742.D

Acq: 5 Oct 2018 1:22

Instrument :

BNA_E

ClientSampleId :

RE-131D3-20180927

Tot Ion:136 Resp: 13151

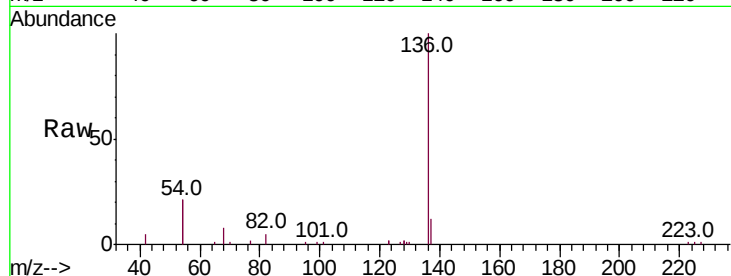
Ion Ratio Lower Upper

136 100

137 11.7 9.0 13.4

54 42.4 37.8 56.6

68 7.6 6.4 9.6

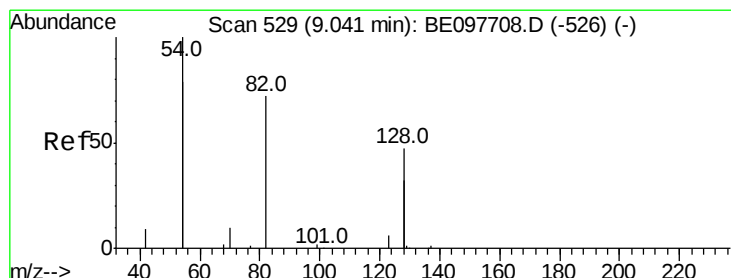
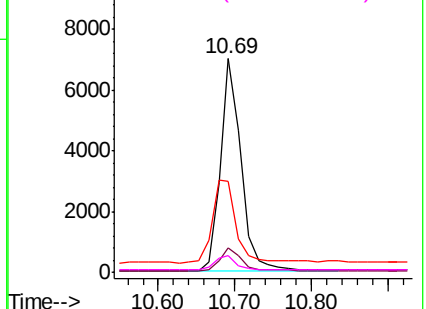
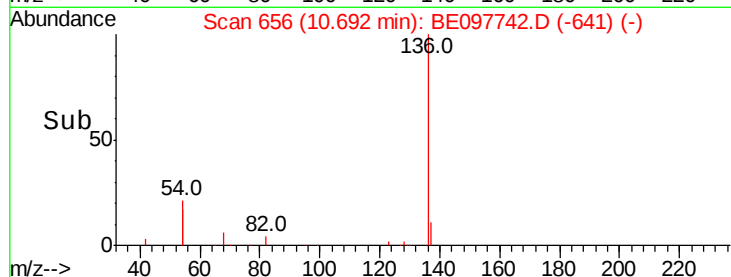


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.664 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097742.D

Acq: 5 Oct 2018 1:22

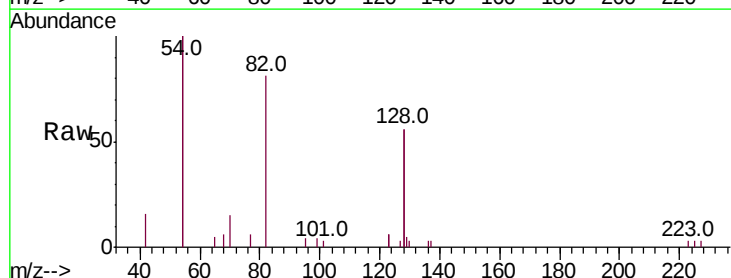
Tgt Ion: 82 Resp: 2833

Ion Ratio Lower Upper

82 100

128 138.3 97.0 145.4

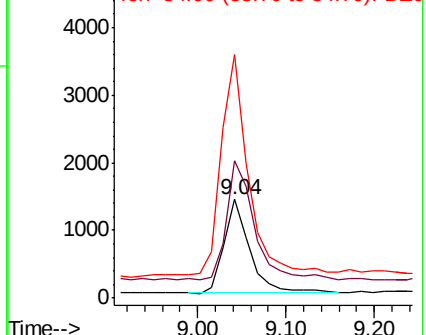
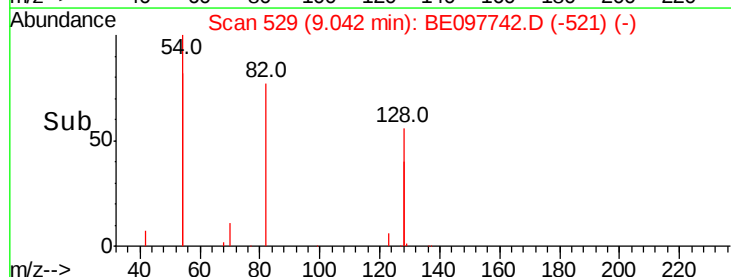
54 246.2 206.9 310.3

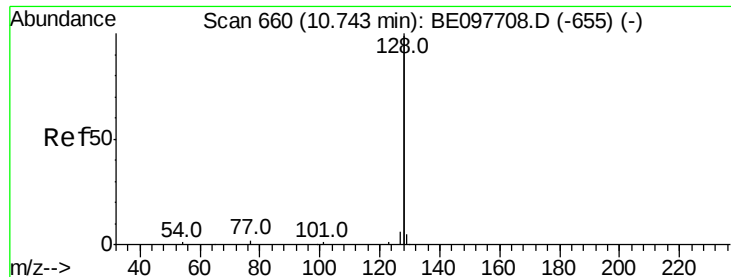


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.026 ng

RT: 10.74 min Scan# 660

Delta R.T. 0.00 min

Lab File: BE097742.D

Acq: 5 Oct 2018 1:22

Instrument :

BNA_E

ClientSampleId :

RE-131D3-20180927

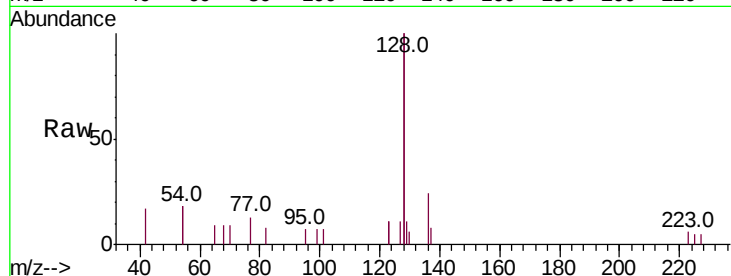
Tot Ion:128 Resp: 3497

Ion Ratio Lower Upper

128 100

129 5.4 2.2 3.2#

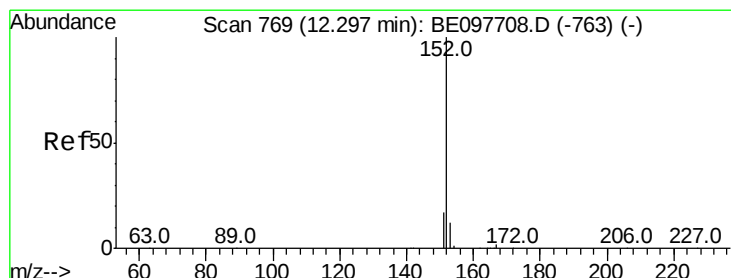
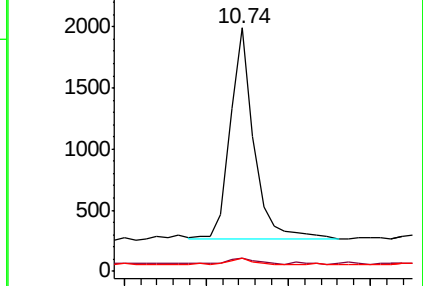
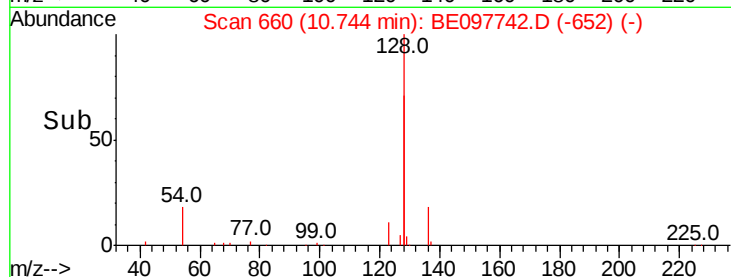
127 5.4 2.7 4.1#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.371 ng

RT: 12.29 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097742.D

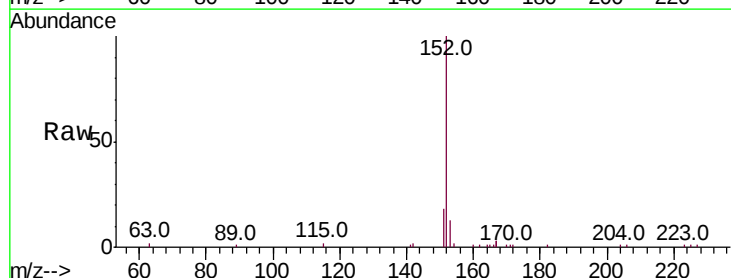
Acq: 5 Oct 2018 1:22

Tgt Ion:152 Resp: 7755

Ion Ratio Lower Upper

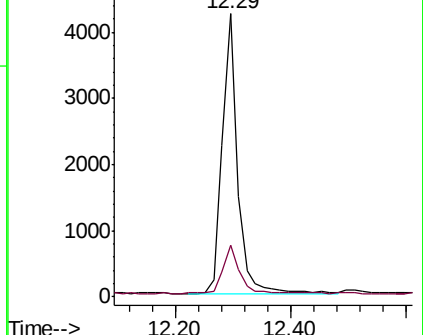
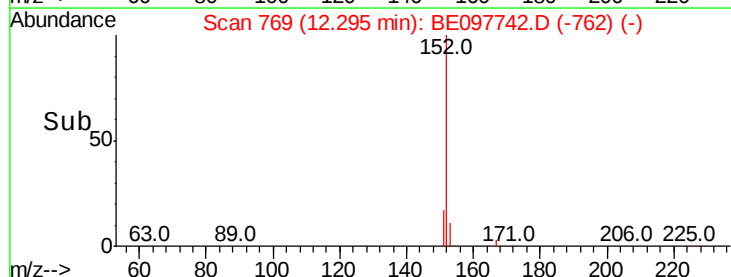
152 100

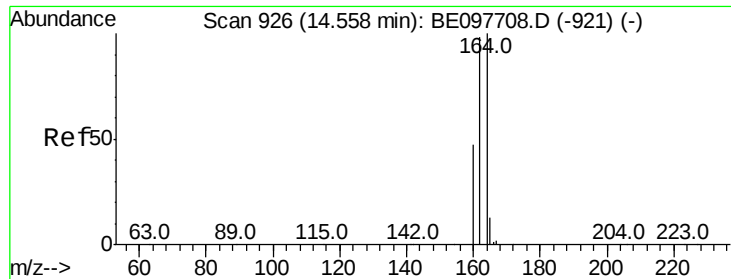
151 17.7 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

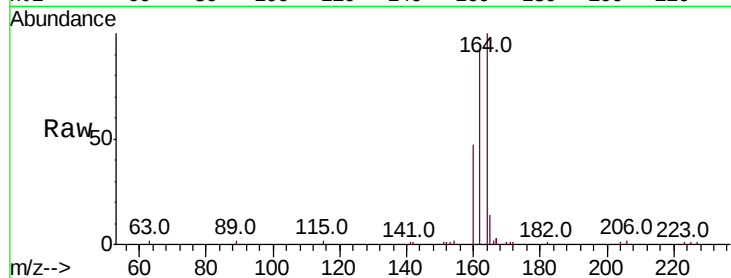




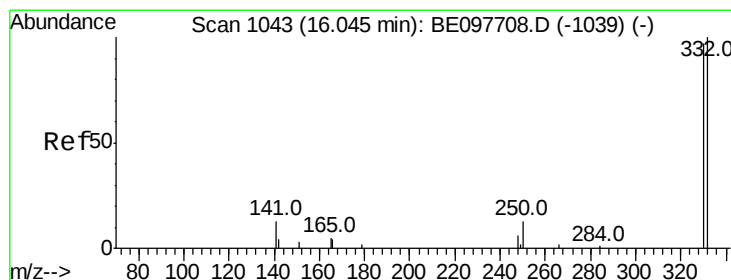
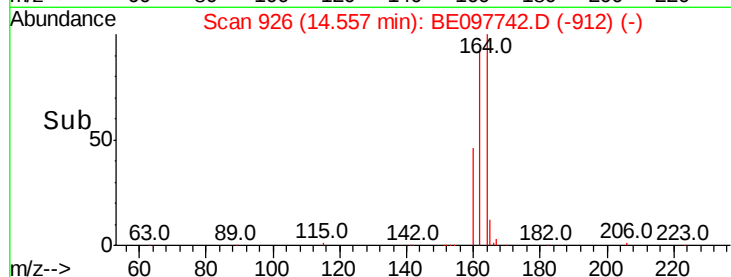
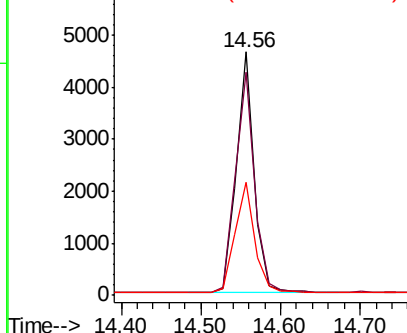
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.56 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BE097742.D
 Acq: 5 Oct 2018 1:22

Instrument :
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 ClientSampleId :
 RE-131D3-20180927

Tot Ion:164 Resp: 7112
 Ion Ratio Lower Upper
 164 100
 162 91.6 78.6 117.8
 160 46.7 37.8 56.6

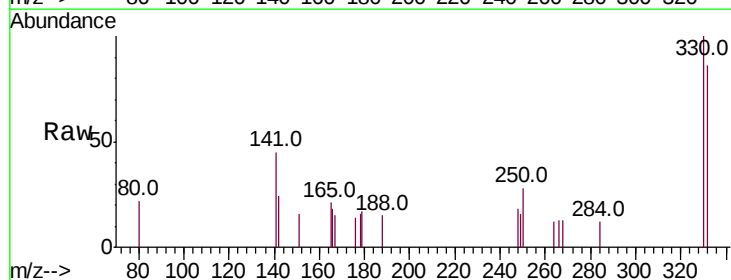


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

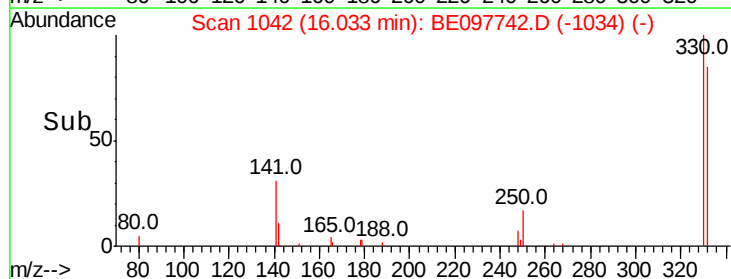
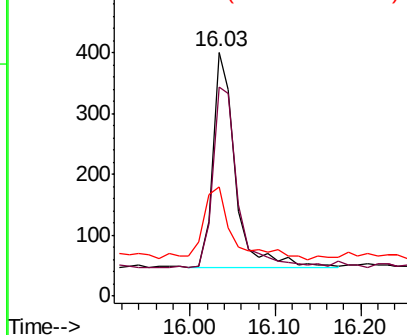


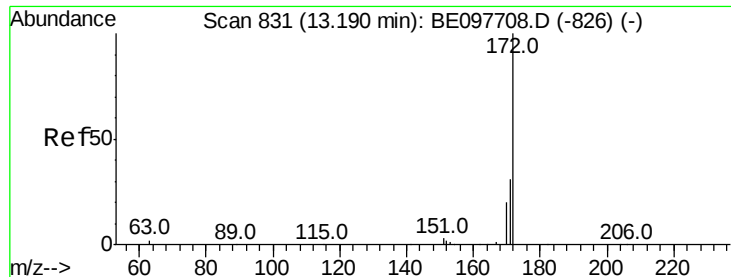
#14
 2,4,6-Tribromophenol
 Concen: 0.508 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BE097742.D
 Acq: 5 Oct 2018 1:22

Tgt Ion:330 Resp: 655
 Ion Ratio Lower Upper
 330 100
 332 91.3 83.5 125.3
 141 46.3 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

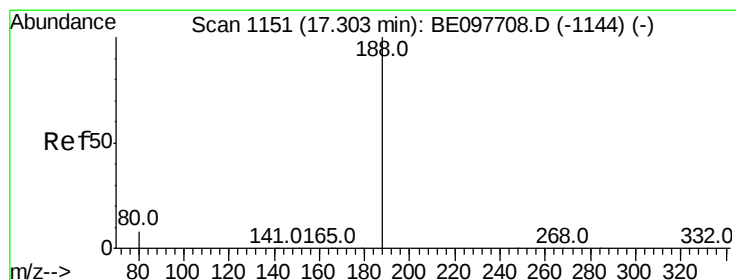
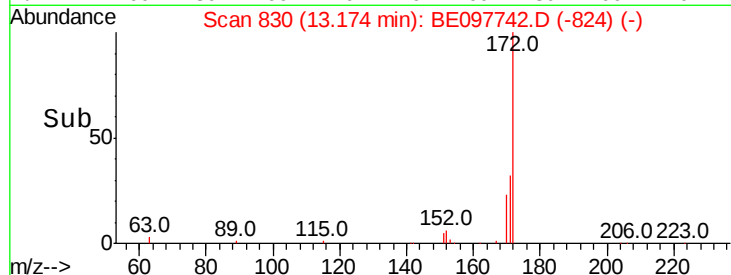
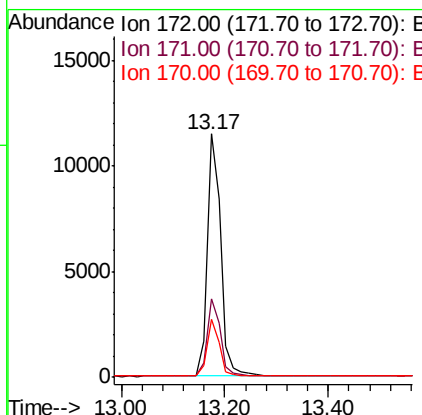
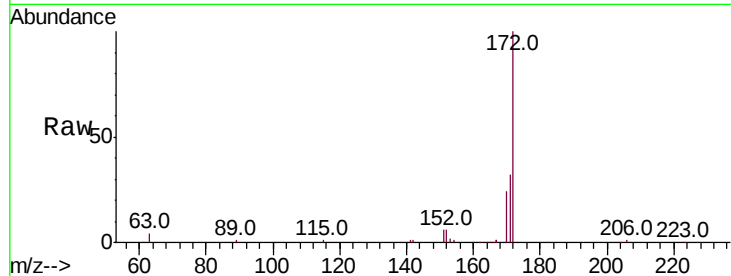




#15
2-Fluorobiphenyl
Concen: 0.665 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.02 min
Lab File: BE097742.D
Acq: 5 Oct 2018 1:22

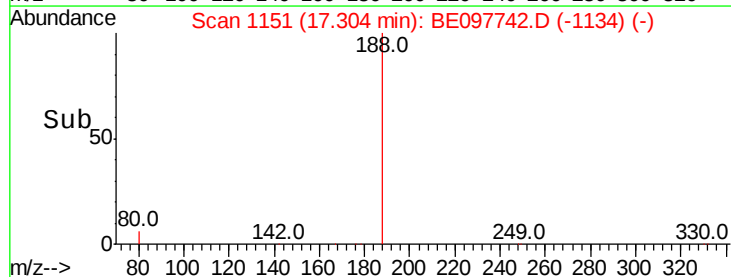
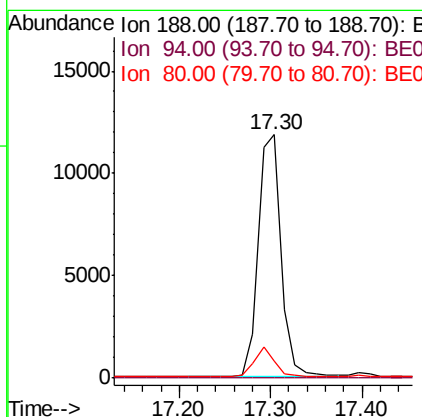
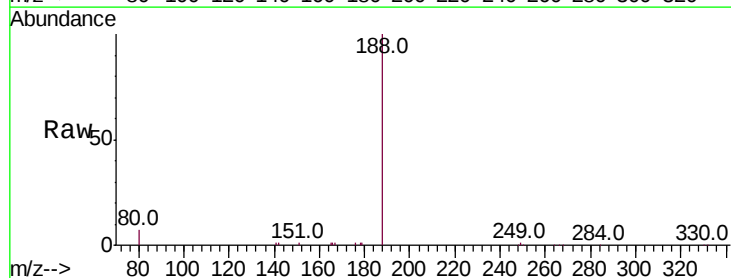
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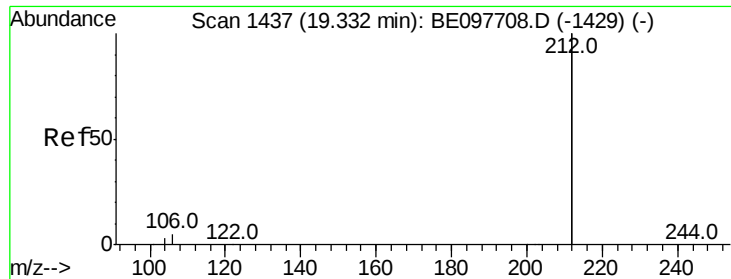
Tot Ion:172 Resp: 20810
Ion Ratio Lower Upper
172 100
171 32.3 25.2 37.8
170 23.7 16.2 24.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE097742.D
Acq: 5 Oct 2018 1:22

Tgt Ion:188 Resp: 20721
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.0 6.6 9.8





#25

Fluoranthene-d10

Concen: 0.434 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097742.D

Acq: 5 Oct 2018 1:22

Instrument :

BNA_E

ClientSampleId :

RE-131D3-20180927

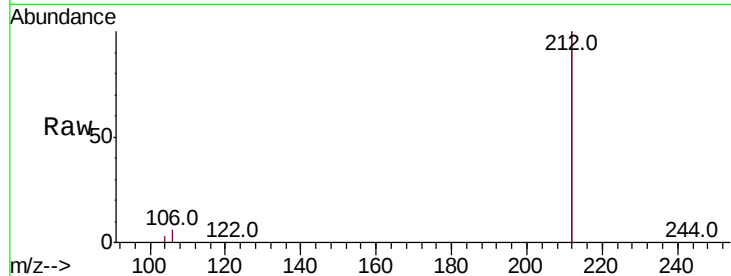
Tot Ion:212 Resp: 113890

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

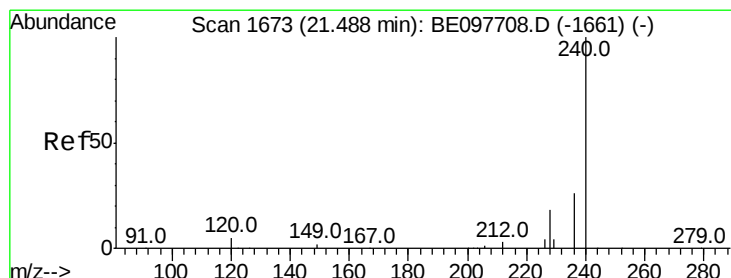
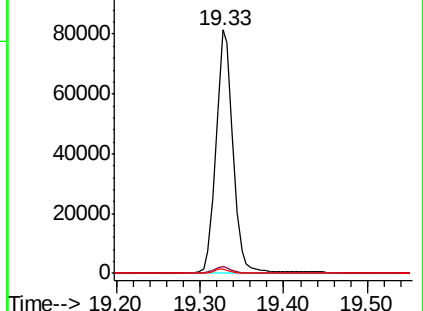
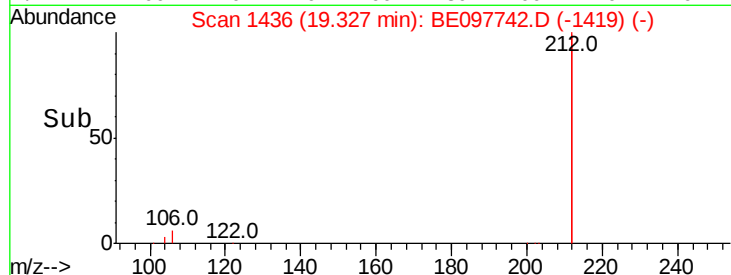
104 1.5 1.2 1.8



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: BE097742.D

Acq: 5 Oct 2018 1:22

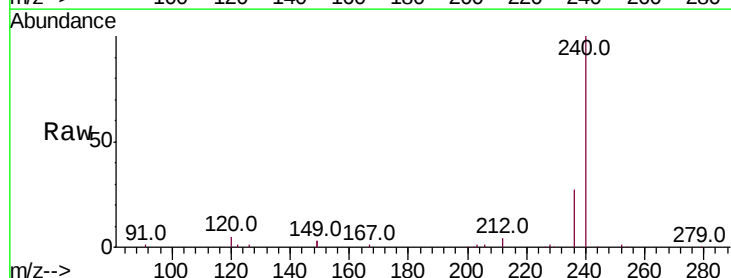
Tgt Ion:240 Resp: 28477

Ion Ratio Lower Upper

240 100

120 5.4 4.7 7.1

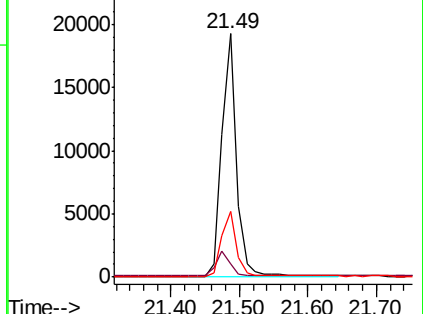
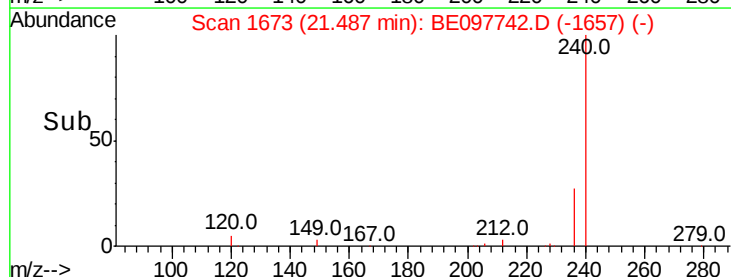
236 26.9 20.8 31.2

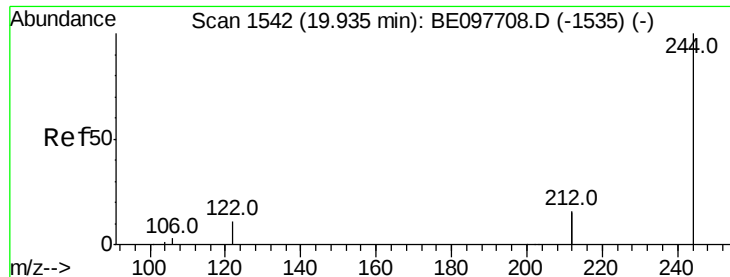


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.462 ng

RT: 19.93 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BE097742.D

Acq: 5 Oct 2018 1:22

Instrument :

BNA_E

ClientSampleId :

RE-131D3-20180927

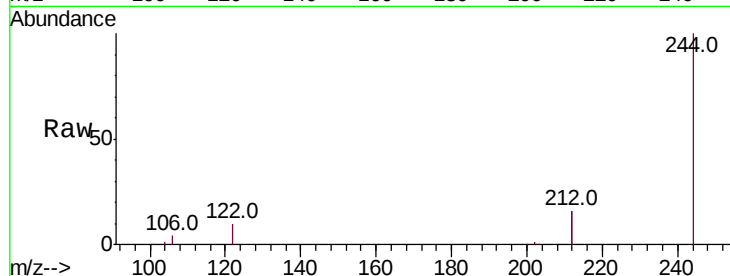
Tot Ion:244 Resp: 26864

Ion Ratio Lower Upper

244 100

212 32.2 25.8 38.8

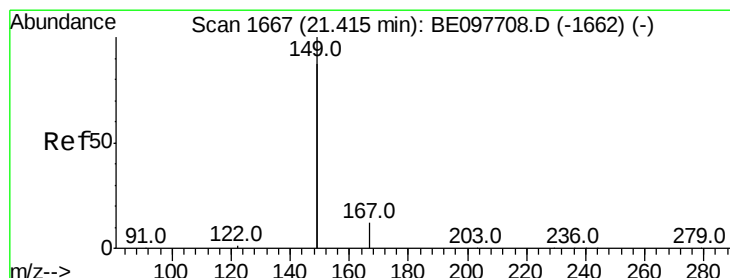
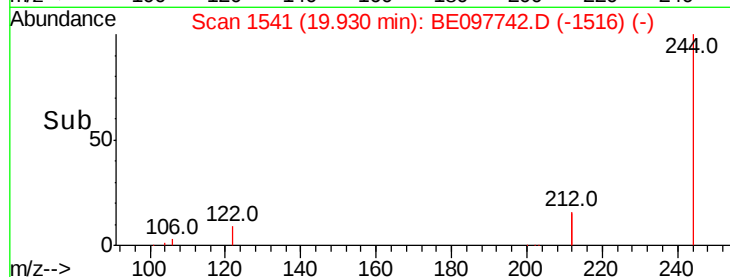
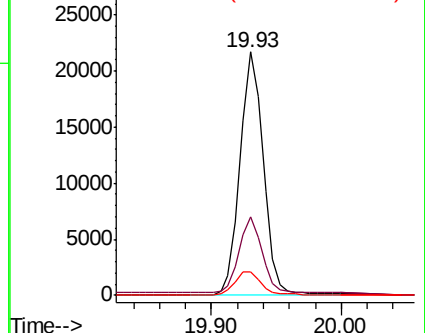
122 9.8 8.7 13.1



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: 0.137 ng

RT: 21.41 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BE097742.D

Acq: 5 Oct 2018 1:22

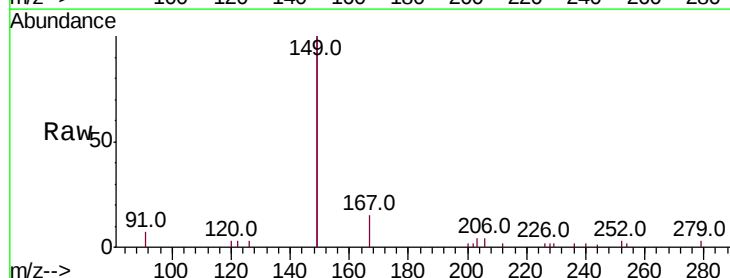
Tgt Ion:149 Resp: 7653

Ion Ratio Lower Upper

149 100

167 7.0 5.5 8.3

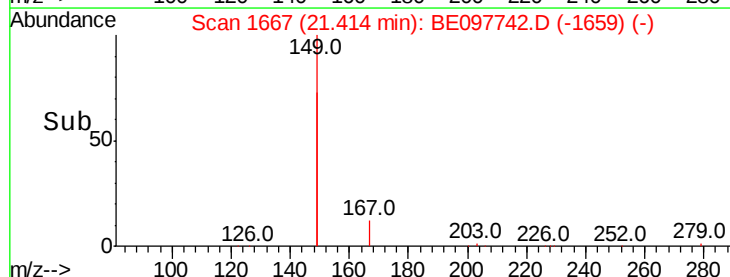
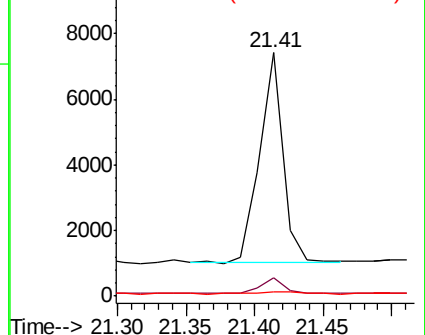
279 1.5 0.9 1.3#

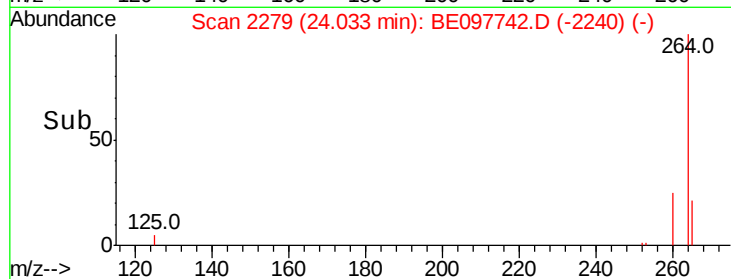
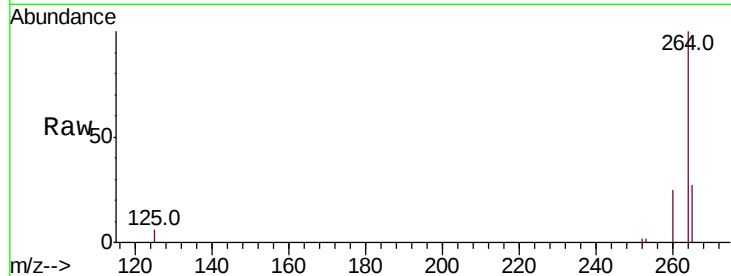
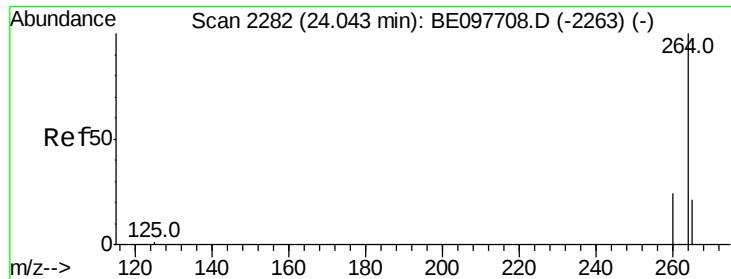


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.03 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BE097742.D

Acq: 5 Oct 2018 1:22

Instrument :

BNA_E

ClientSampleId :

RE-131D3-20180927

Tot Ion:264 Resp: 27912

Ion Ratio Lower Upper

264 100

260 25.4 19.1 28.7

265 26.7 21.9 32.9

