

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100518\
 Data File : BE097761.D
 Acq On : 5 Oct 2018 18:51
 Operator : SJ/JU
 Sample : J5189-04DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-131D2-20180927DL

Quant Time: Oct 06 04:19:45 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

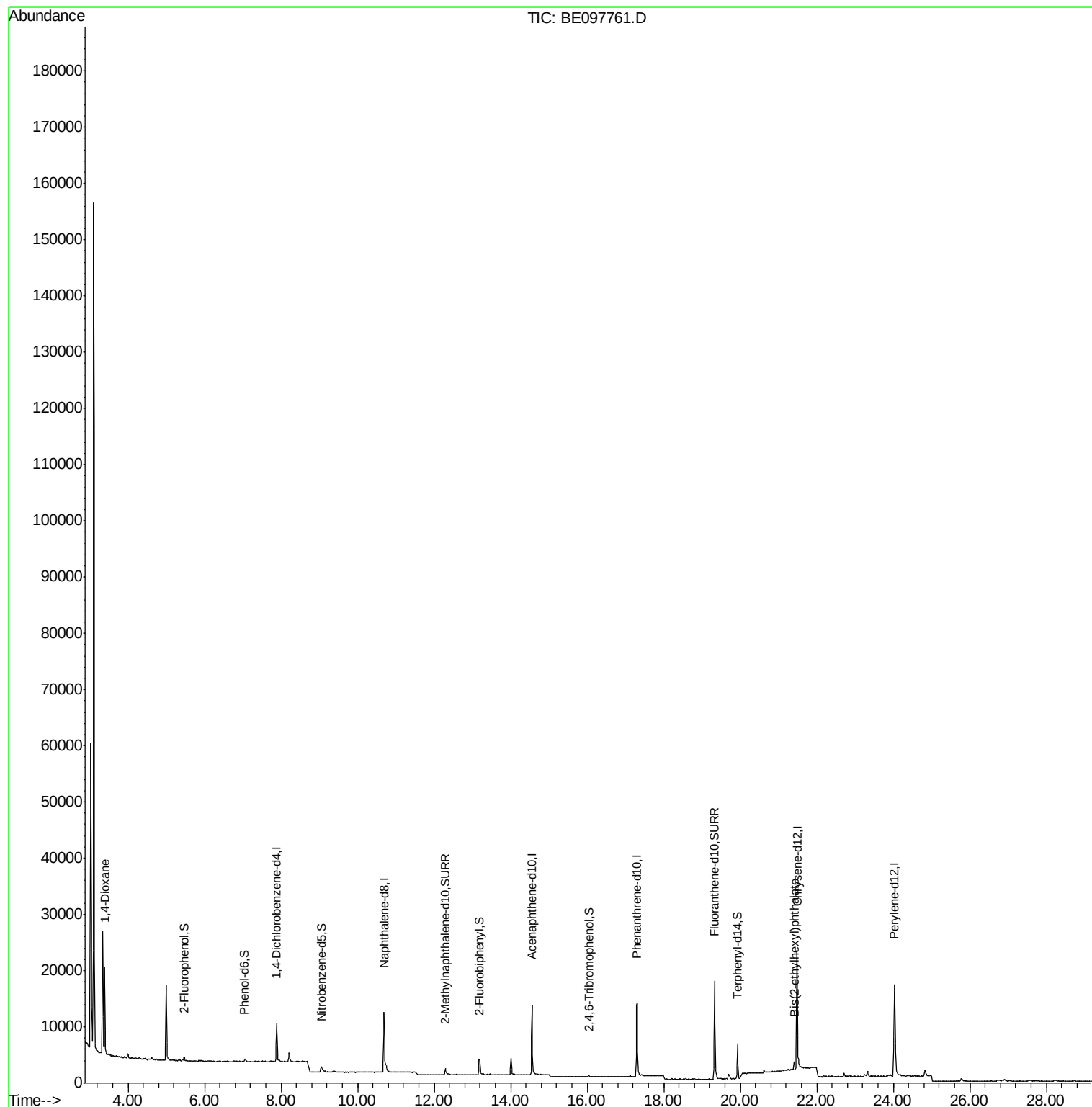
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3474	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	13414	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	7994	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	22631	0.40	ng	0.00
27) Chrysene-d12	21.49	240	25970	0.40	ng	0.00
34) Perylene-d12	24.03	264	26085	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	408	0.05	ng	0.00
5) Phenol-d6	7.04	99	413	0.03	ng	0.00
8) Nitrobenzene-d5	9.06	82	667	0.15	ng	0.01
11) 2-Methylnaphthalene-d10	12.29	152	2069	0.10	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	182	0.13	ng	0.00
15) 2-Fluorobiphenyl	13.19	172	3752	0.11	ng	0.00
25) Fluoranthene-d10	19.33	212	25998	0.09	ng	0.00
29) Terphenyl-d14	19.93	244	5780	0.11	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.39	88	9282	1.341	ng	98
32) Bis(2-ethylhexyl)phthalate	21.41	149	2035	0.040	ng	# 94

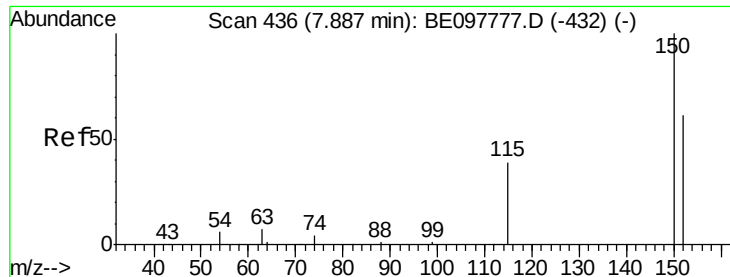
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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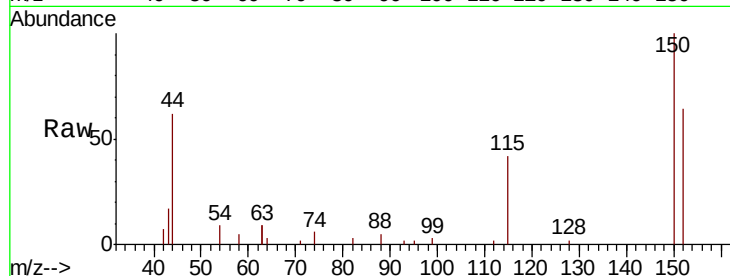


#1

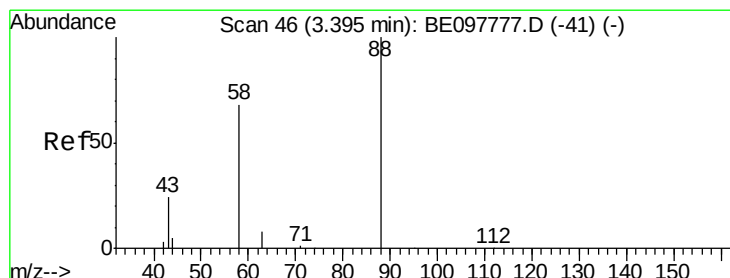
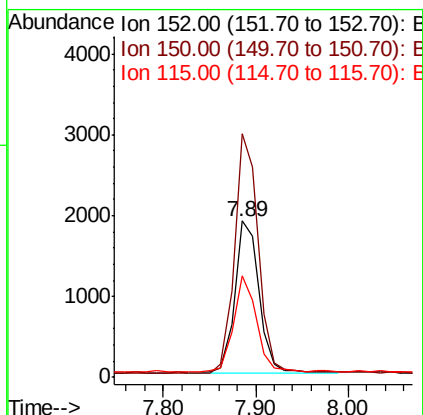
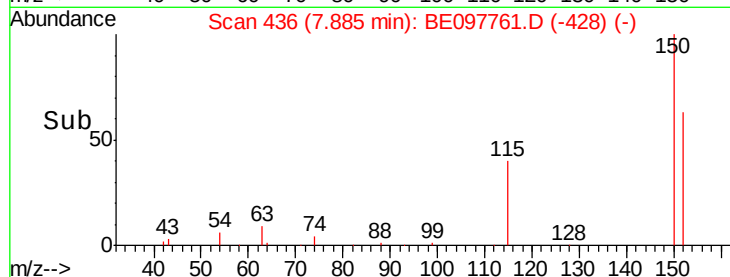
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.01 min
Lab File: BE097761.D
Acq: 5 Oct 2018 18:51

Instrument :
BNA_E
ClientSampleId :
RE-131D2-20180927DL

Tot Ion:152 Resp: 3474
Ion Ratio Lower Upper
152 100
150 156.1 120.9 181.3
115 64.9 46.6 69.8



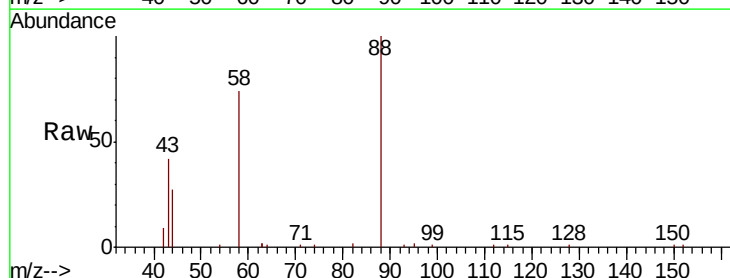
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



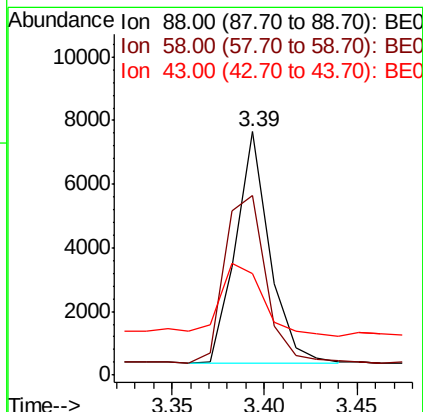
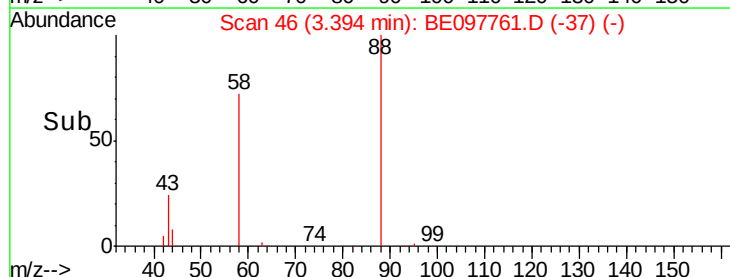
#2

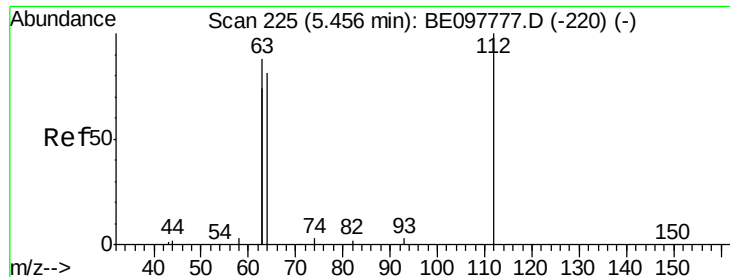
1,4-Dioxane
Concen: 1.341 ng
RT: 3.39 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE097761.D
Acq: 5 Oct 2018 18:51

Tgt Ion: 88 Resp: 9282
Ion Ratio Lower Upper
88 100
58 87.7 70.8 106.2
43 43.7 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: 0.050 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097761.D

Acq: 5 Oct 2018 18:51

Instrument :

BNA_E

ClientSampleId :

RE-131D2-20180927DL

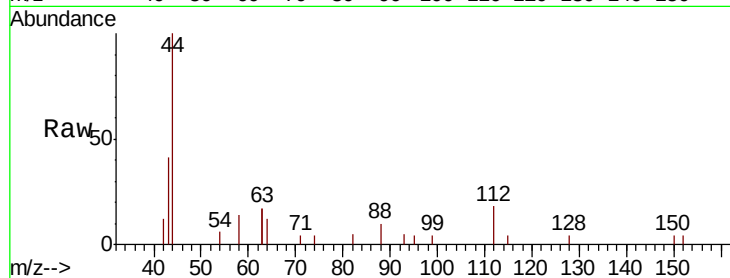
Tot Ion: 112 Resp: 408

Ion Ratio Lower Upper

112 100

64 63.0 56.6 84.8

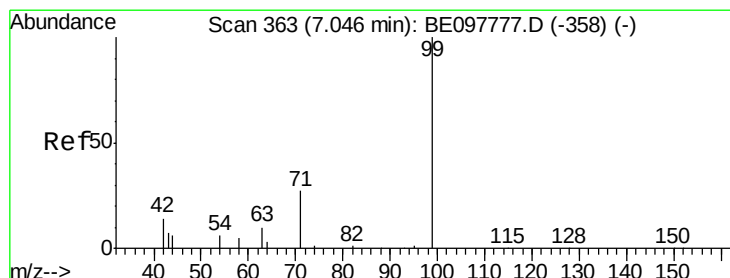
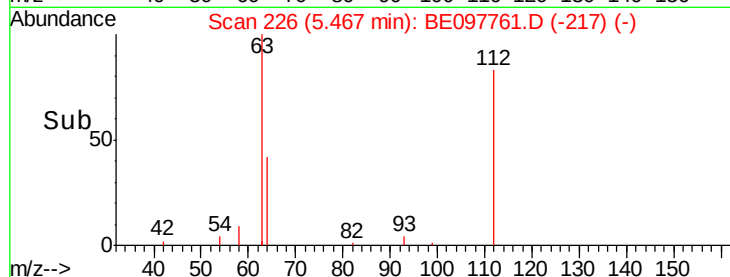
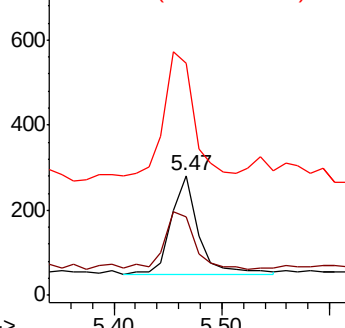
63 130.1 119.4 179.0



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



#5

Phenol-d6

Concen: 0.033 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097761.D

Acq: 5 Oct 2018 18:51

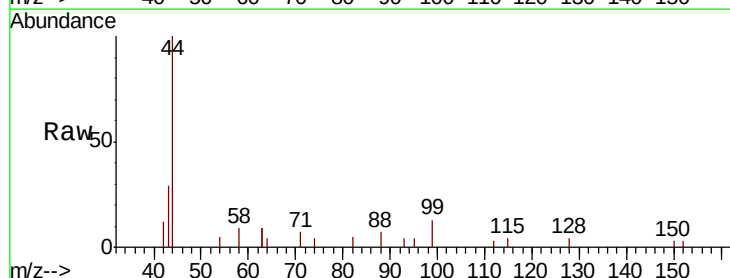
Tgt Ion: 99 Resp: 413

Ion Ratio Lower Upper

99 100

42 50.1 19.9 29.9#

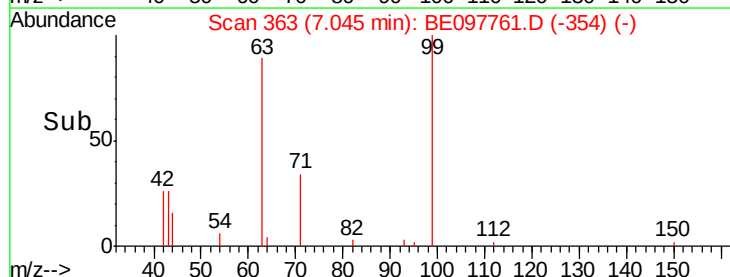
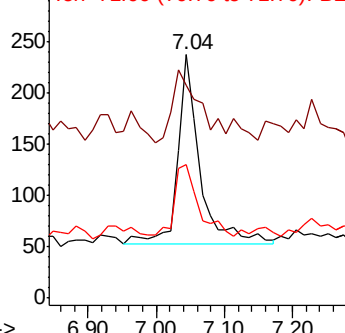
71 41.9 25.4 38.2#

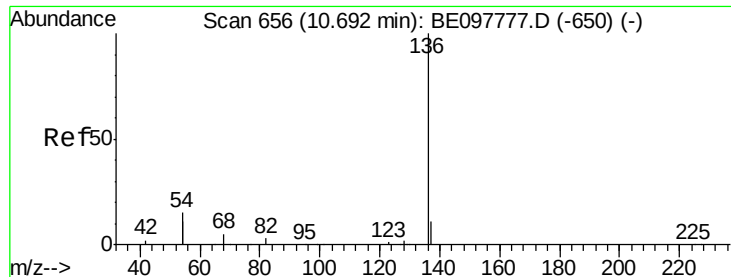


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097761.D

Acq: 5 Oct 2018 18:51

Instrument :

BNA_E

ClientSampleId :

RE-131D2-20180927DL

Tot Ion:136 Resp: 13414

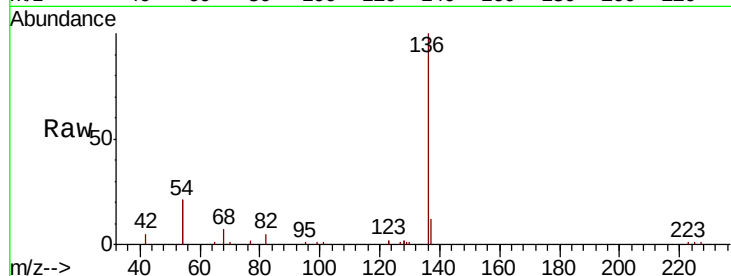
Ion Ratio Lower Upper

136 100

137 11.9 9.0 13.4

54 41.2 37.8 56.6

68 7.4 6.4 9.6

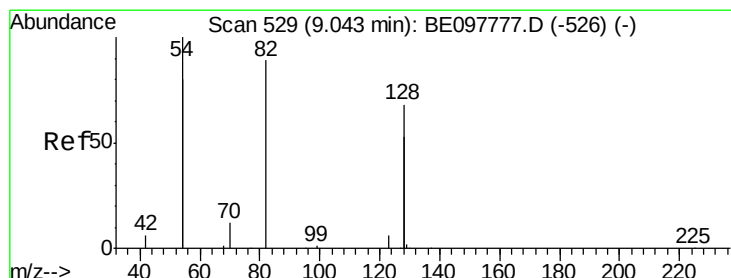
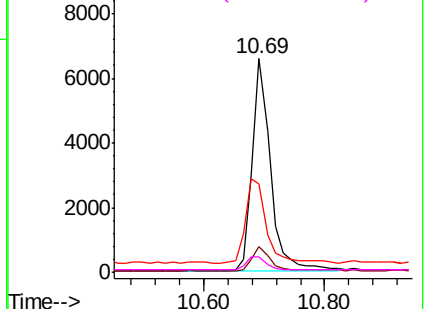
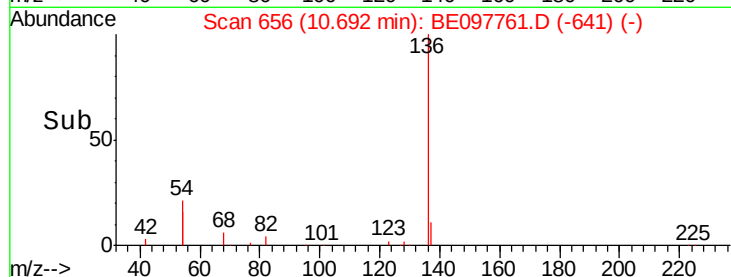


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.153 ng

RT: 9.06 min Scan# 530

Delta R.T. 0.01 min

Lab File: BE097761.D

Acq: 5 Oct 2018 18:51

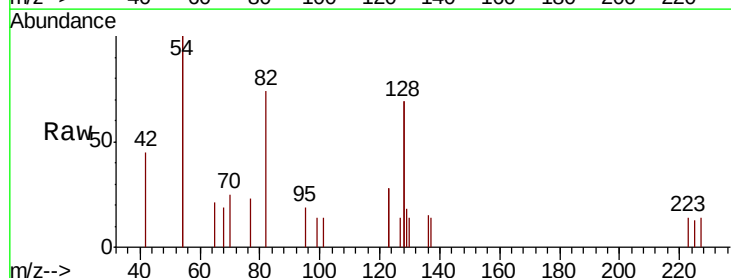
Tgt Ion: 82 Resp: 667

Ion Ratio Lower Upper

82 100

128 186.3 97.0 145.4#

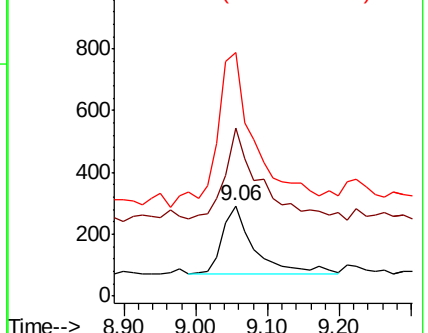
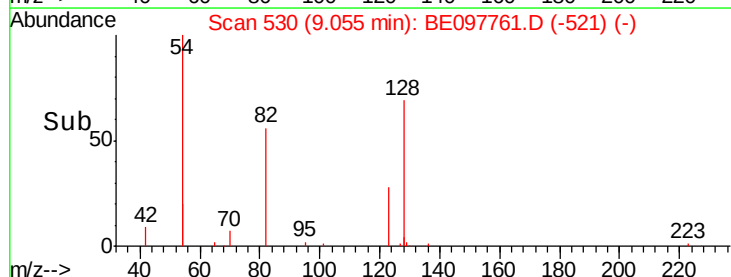
54 269.9 206.9 310.3

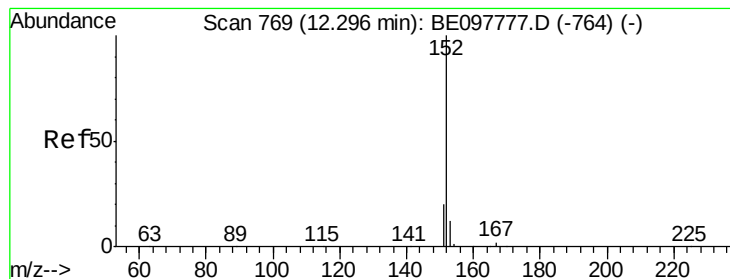


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

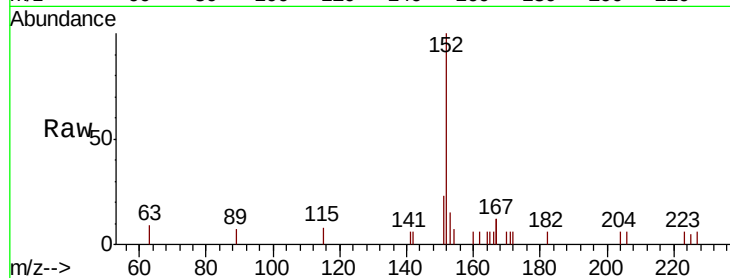




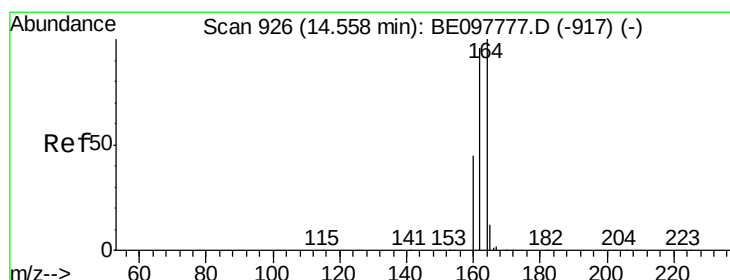
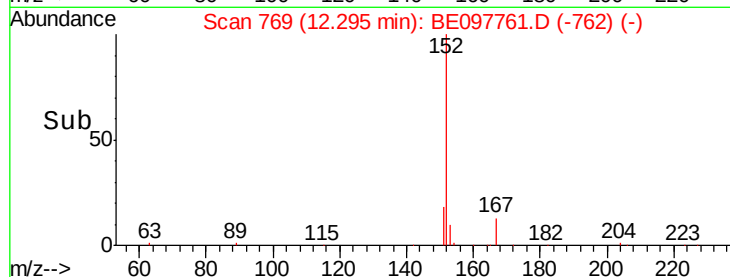
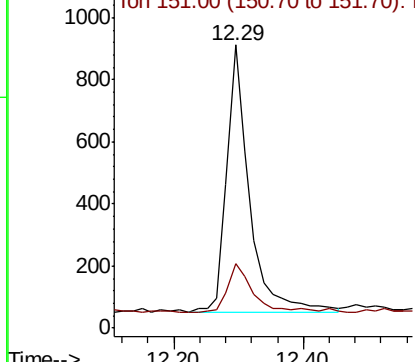
#11
 2-Methylnaphthalene-d10
 Concen: 0.097 ng
 RT: 12.29 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE097761.D
 Acq: 5 Oct 2018 18:51

Instrument :
 BNA_E
 ClientSampleId :
 RE-131D2-20180927DL

Tot Ion:152 Resp: 2069
 Ion Ratio Lower Upper
 152 100
 151 20.1 15.4 23.2

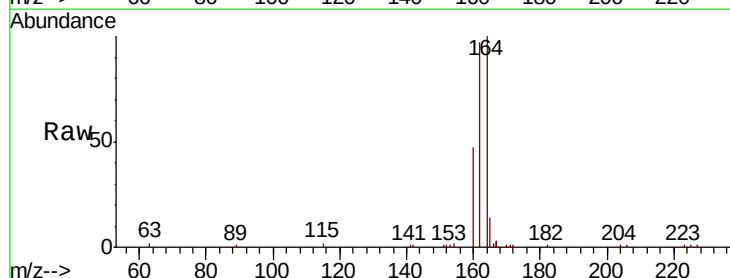


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

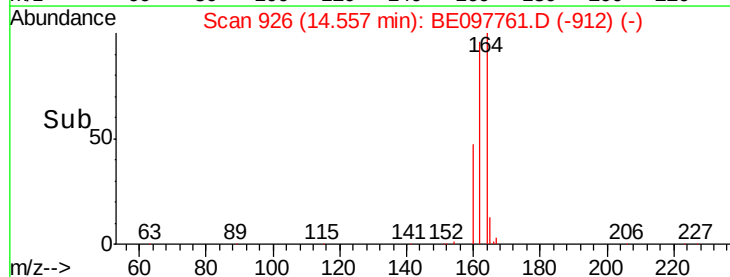
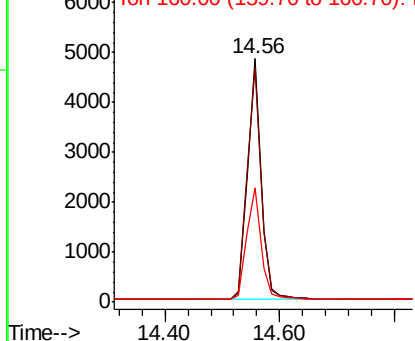


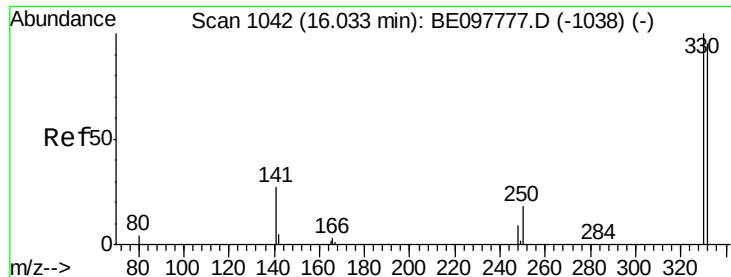
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.56 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BE097761.D
 Acq: 5 Oct 2018 18:51

Tgt Ion:164 Resp: 7994
 Ion Ratio Lower Upper
 164 100
 162 96.6 78.6 117.8
 160 47.0 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: 0.126 ng

RT: 16.04 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BE097761.D

Acq: 5 Oct 2018 18:51

Instrument :

BNA_E

ClientSampleId :

RE-131D2-20180927DL

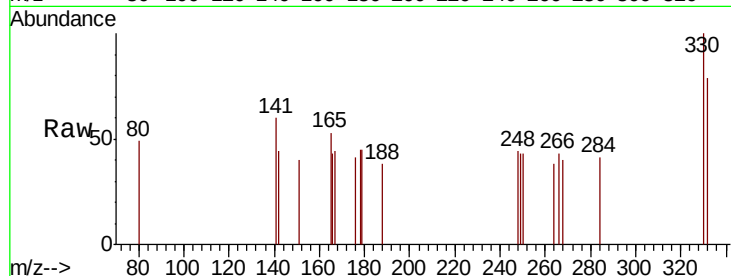
Tot Ion:330 Resp: 182

Ion Ratio Lower Upper

330 100

332 75.8 83.5 125.3#

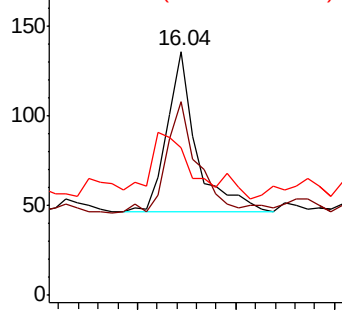
141 0.0 34.9 52.3#



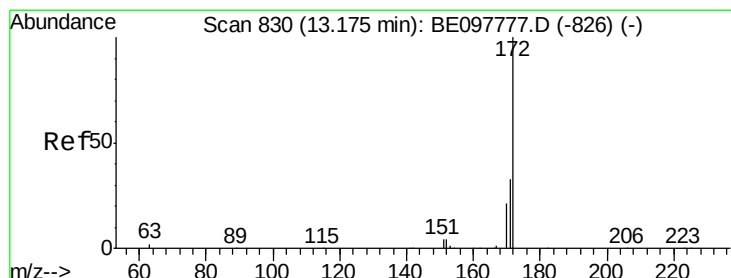
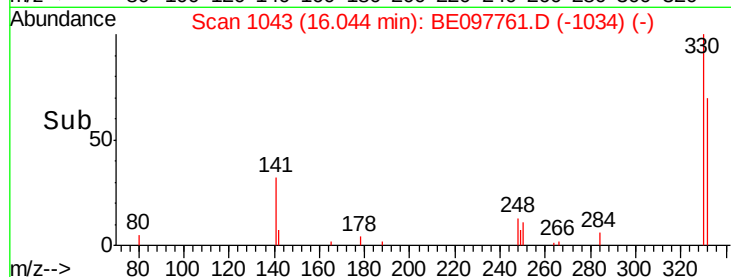
Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#15

2-Fluorobiphenyl

Concen: 0.107 ng

RT: 13.19 min Scan# 831

Delta R.T. -0.00 min

Lab File: BE097761.D

Acq: 5 Oct 2018 18:51

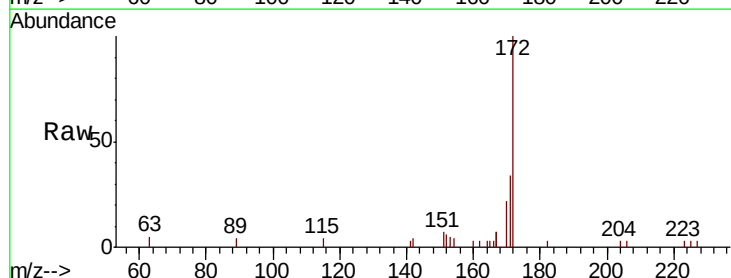
Tgt Ion:172 Resp: 3752

Ion Ratio Lower Upper

172 100

171 34.2 25.2 37.8

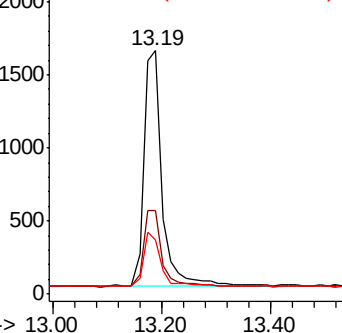
170 22.2 16.2 24.2



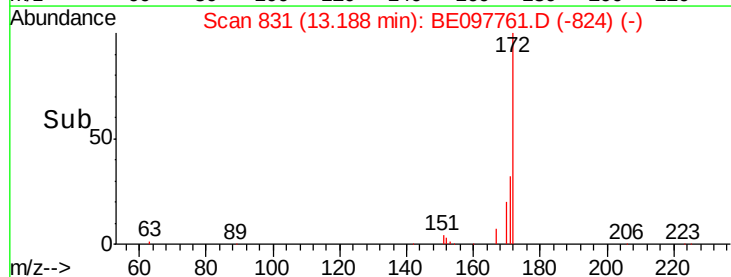
Abundance Ion 172.00 (171.70 to 172.70): E

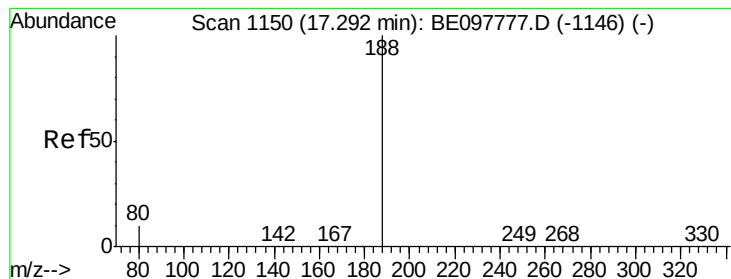
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.30 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE097761.D

Acq: 5 Oct 2018 18:51

Instrument :

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ClientSampleId :

RE-131D2-20180927DL

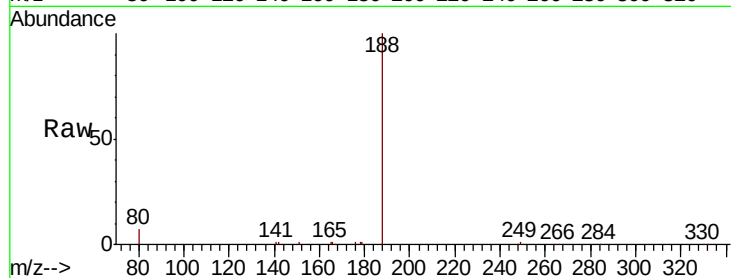
Tot Ion:188 Resp: 22631

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

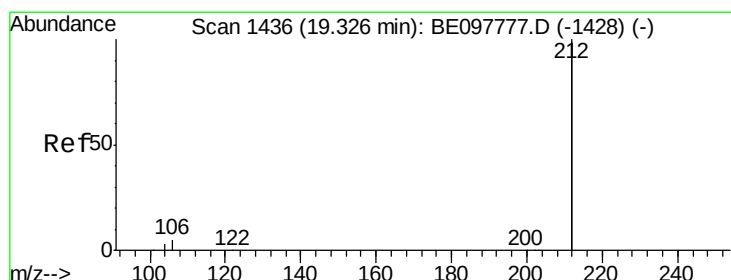
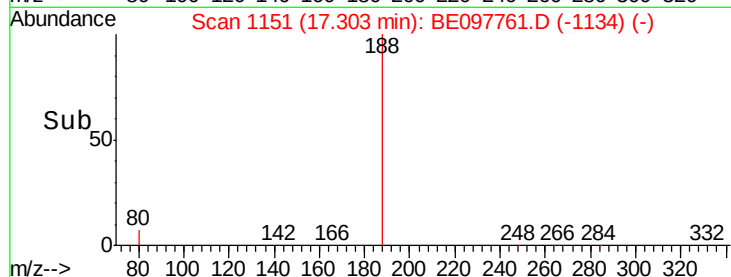
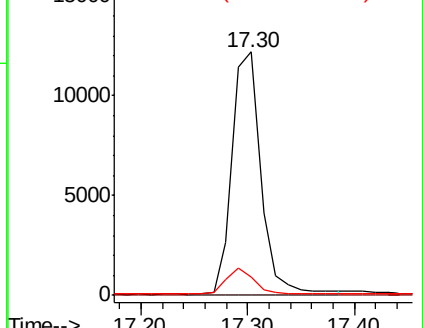
80 7.3 6.6 9.8



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: 0.091 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097761.D

Acq: 5 Oct 2018 18:51

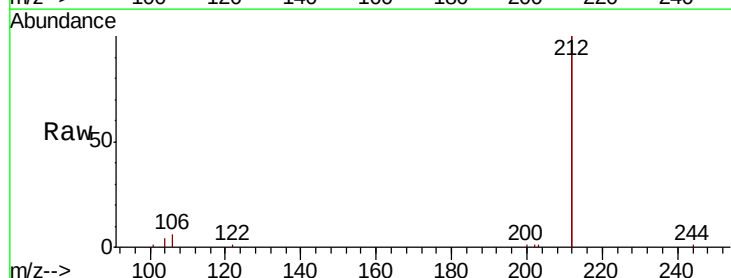
Tgt Ion:212 Resp: 25998

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.2

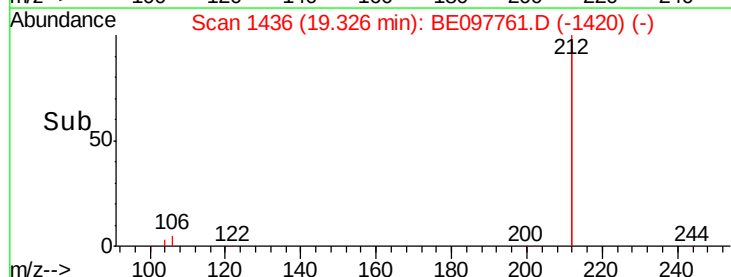
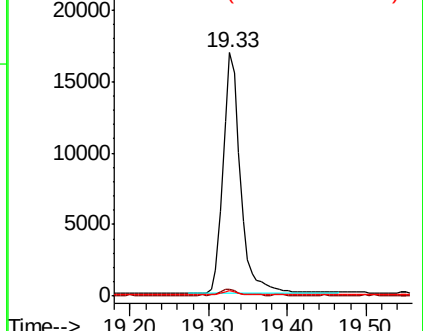
104 1.6 1.2 1.8

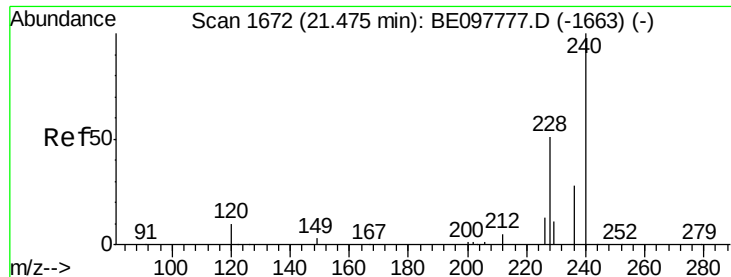


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE097761.D

Acq: 5 Oct 2018 18:51

Instrument :

BNA_E

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RE-131D2-20180927DL

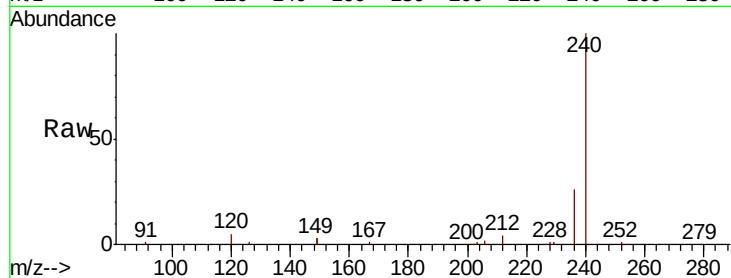
Tot Ion:240 Resp: 25970

Ion Ratio Lower Upper

240 100

120 5.2 4.7 7.1

236 26.4 20.8 31.2

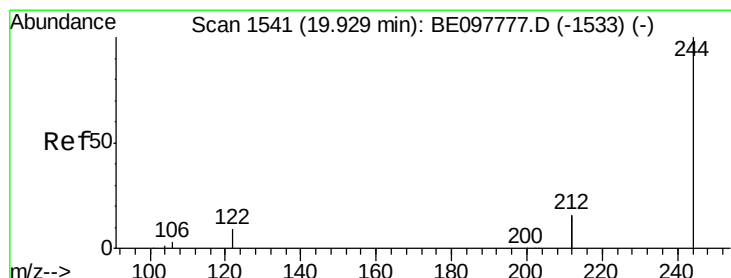
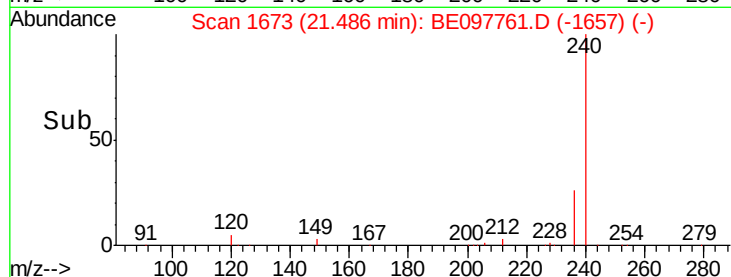
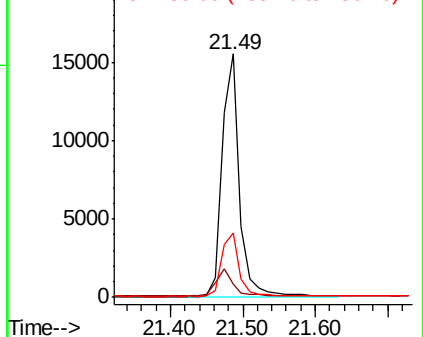


Abundance

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: 0.109 ng

RT: 19.93 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BE097761.D

Acq: 5 Oct 2018 18:51

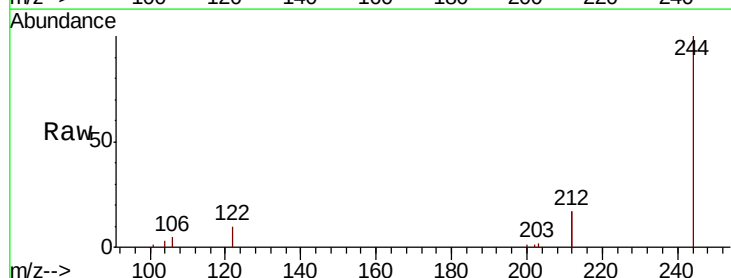
Tgt Ion:244 Resp: 5780

Ion Ratio Lower Upper

244 100

212 34.5 25.8 38.8

122 10.0 8.7 13.1

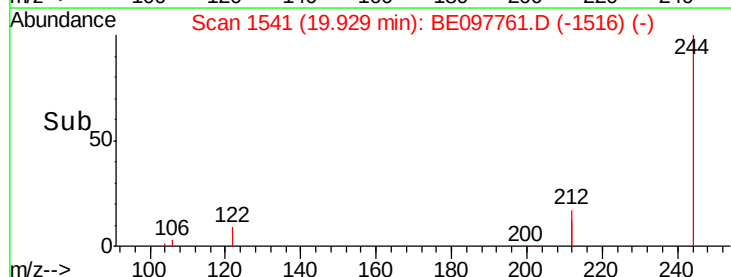
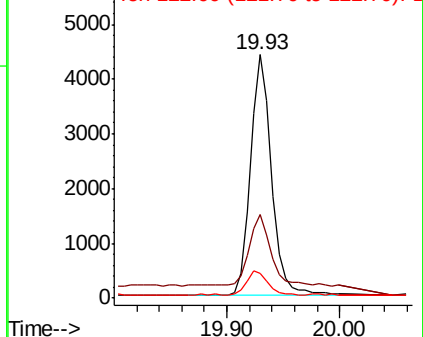


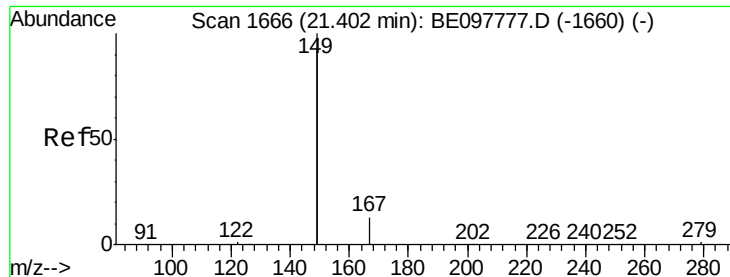
Abundance

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: 0.040 ng

RT: 21.41 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BE097761.D

Acq: 5 Oct 2018 18:51

Instrument :

BNA_E

ClientSampleId :

RE-131D2-20180927DL

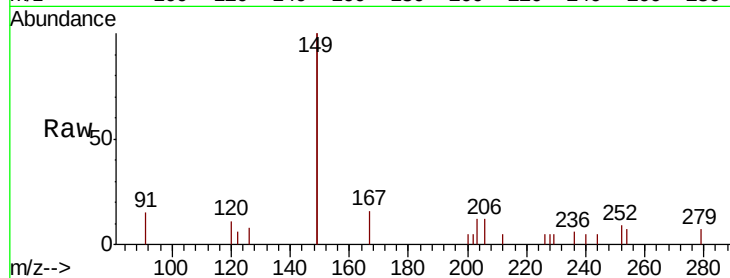
Tot Ion:149 Resp: 2035

Ion Ratio Lower Upper

149 100

167 8.6 5.5 8.3#

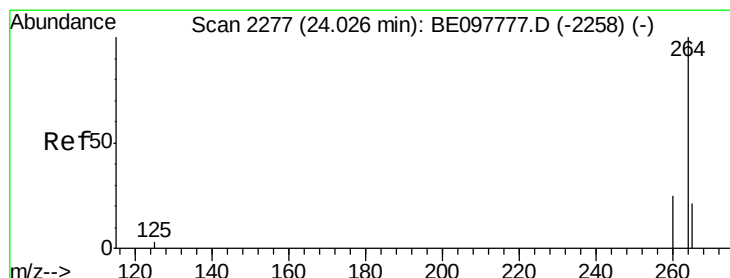
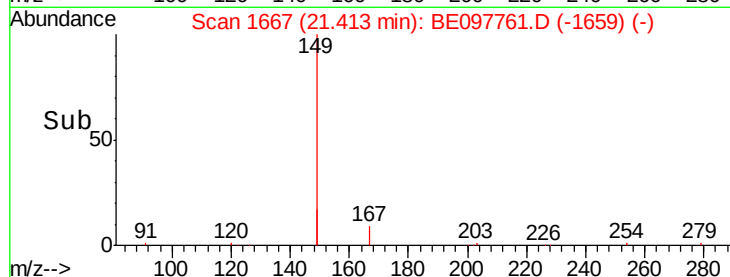
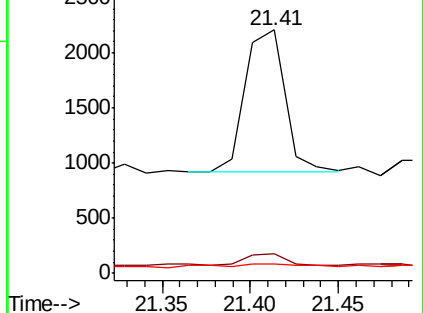
279 5.0 0.9 1.3#



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: 24.03 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BE097761.D

Acq: 5 Oct 2018 18:51

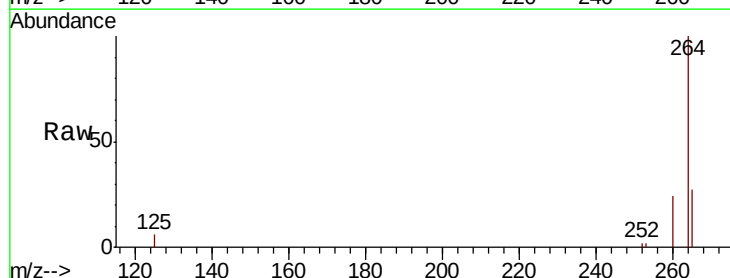
Tgt Ion:264 Resp: 26085

Ion Ratio Lower Upper

264 100

260 24.4 19.1 28.7

265 27.0 21.9 32.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

