

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072018\
 Data File : BE097022.D
 Acq On : 20 Jul 2018 9:41
 Operator : SJ/JU
 Sample : J4014-01DL 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE103D1-071218DL

Quant Time: Jul 20 11:41:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 11:34:20 2018
 Response via : Initial Calibration

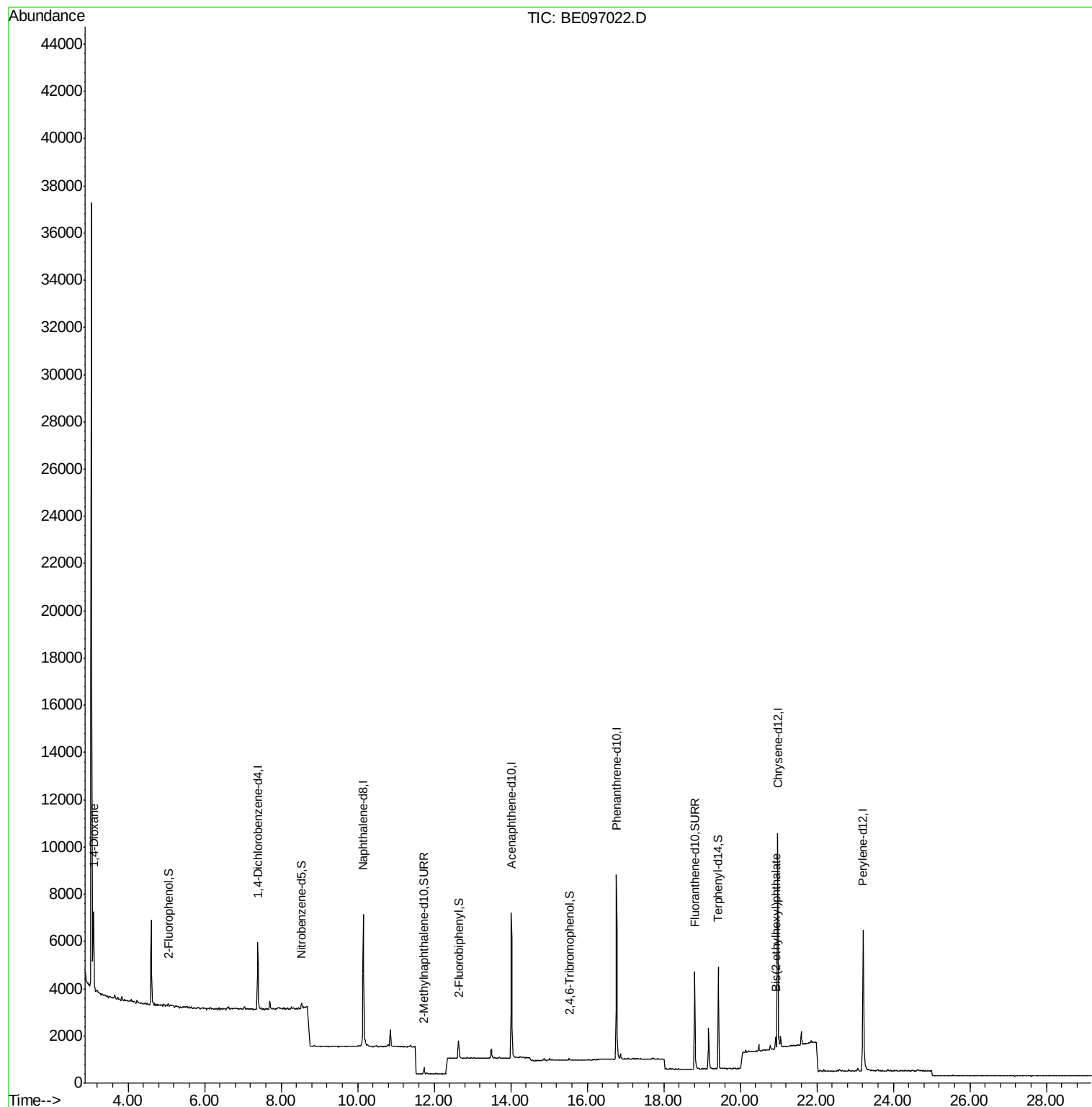
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1236	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6076	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3805	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	10629	0.40	ng	0.00
27) Chrysene-d12	20.98	240	9761	0.40	ng	0.00
34) Perylene-d12	23.21	264	8590	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	88	0.03	ng	0.00
5) Phenol-d6	6.60	99	69	0.02	ng	0.00
8) Nitrobenzene-d5	8.53	82	232	0.05	ng	0.01
11) 2-Methylnaphthalene-d10	11.73	152	436	0.05	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	51	0.11	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	770	0.05	ng	0.01
25) Fluoranthene-d10	18.81	212	5659	0.06	ng	0.00
29) Terphenyl-d14	19.43	244	3660	0.19	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.10	88	1868	1.056	ng	94
32) Bis(2-ethylhexyl)phthalate	20.93	149	922	0.040	ng	# 98

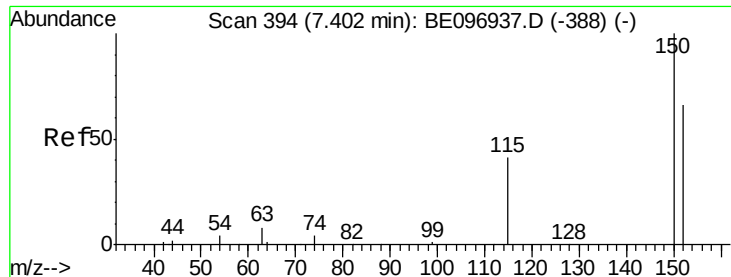
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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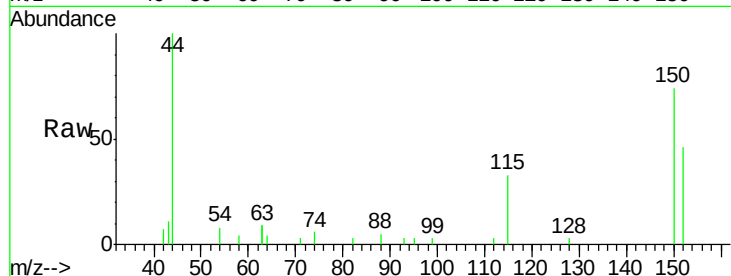


#1

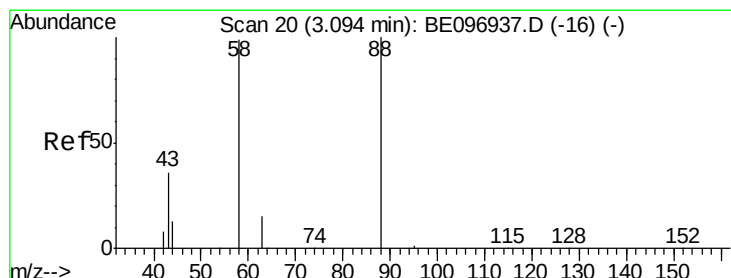
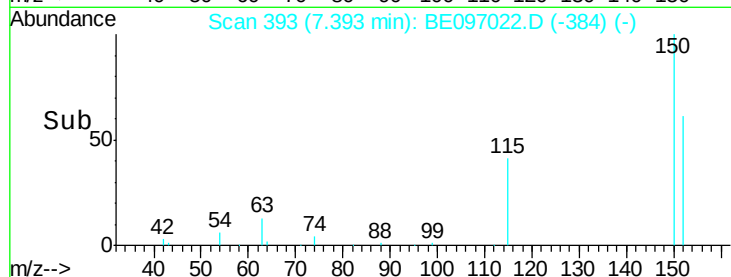
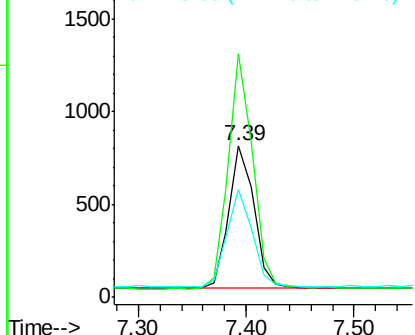
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. 0.00 min
Lab File: BE097022.D
Acq: 20 Jul 2018 9:41

Instrument :
BNA_E
ClientSampleId :
RE103D1-071218DL

Tgt Ion: 152 Resp: 1236
Ion Ratio Lower Upper
152 100
150 160.3 117.2 175.8
115 70.7 57.0 85.6



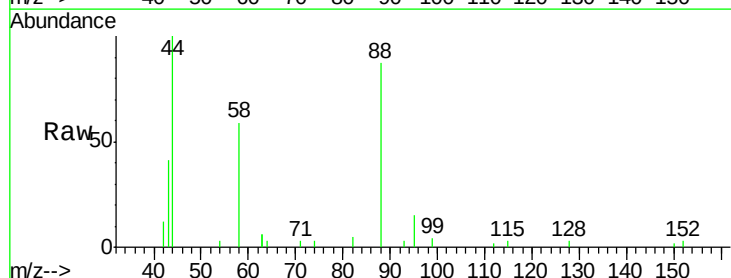
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



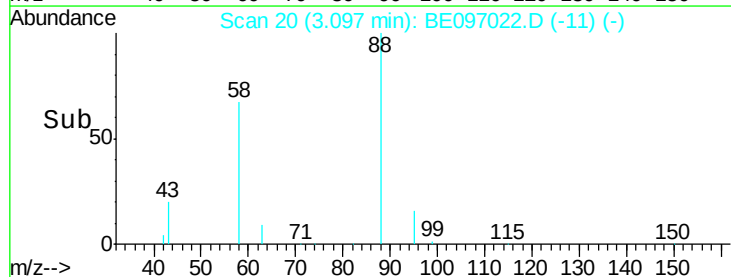
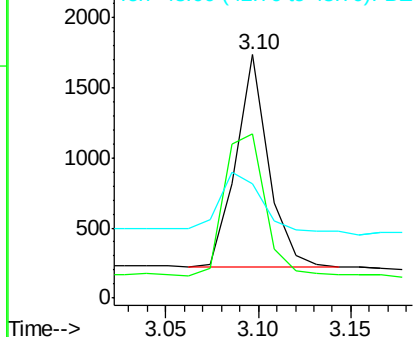
#2

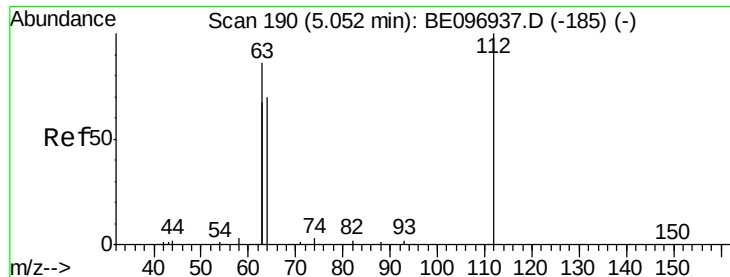
1,4-Dioxane
Concen: 1.056 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE097022.D
Acq: 20 Jul 2018 9:41

Tgt Ion: 88 Resp: 1868
Ion Ratio Lower Upper
88 100
58 82.3 63.2 94.8
43 44.3 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: 0.030 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097022.D

Acq: 20 Jul 2018 9:41

Instrument :

BNA_E

ClientSampleId :

RE103D1-071218DL

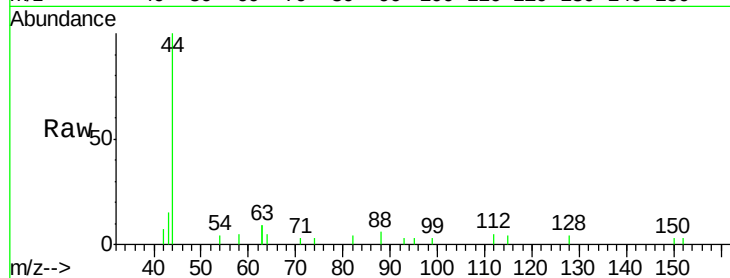
Tgt Ion: 112 Resp: 88

Ion Ratio Lower Upper

112 100

64 95.5 60.1 90.1#

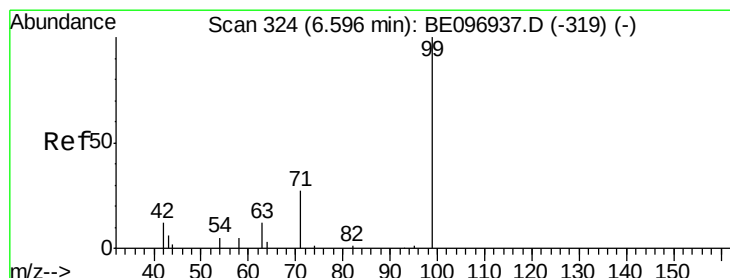
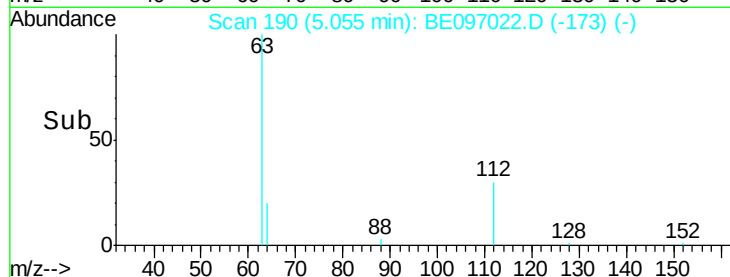
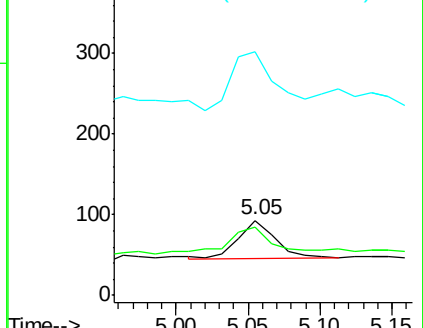
63 173.9 116.8 175.2



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: 0.015 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE097022.D

Acq: 20 Jul 2018 9:41

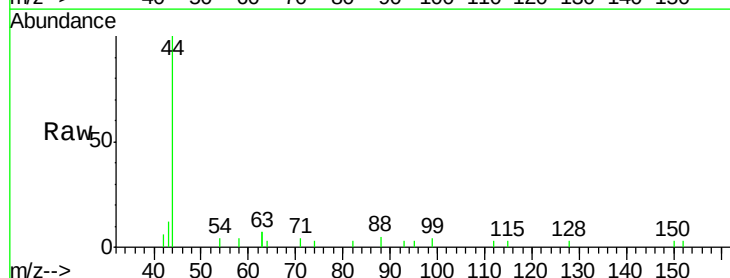
Tgt Ion: 99 Resp: 69

Ion Ratio Lower Upper

99 100

42 40.6 20.2 30.2#

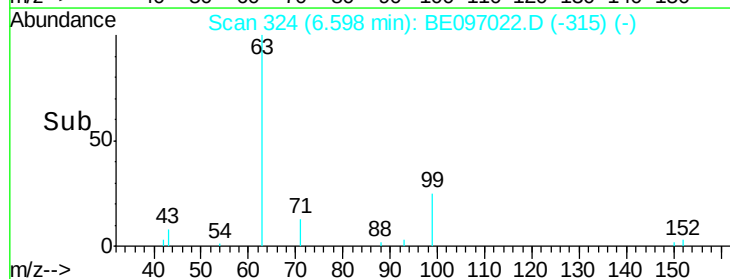
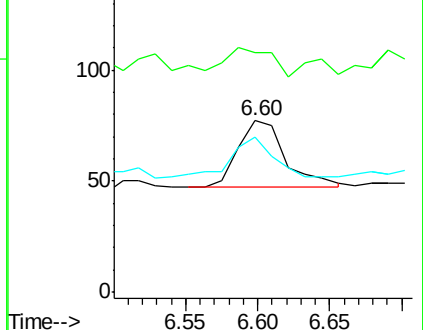
71 49.3 28.4 42.6#

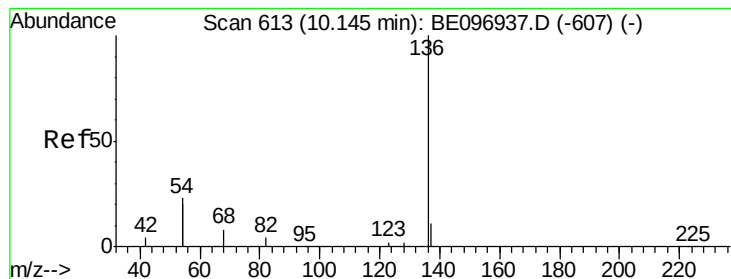


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097022.D

Acq: 20 Jul 2018 9:41

Instrument :

BNA_E

ClientSampleId :

RE103D1-071218DL

Tgt Ion: 136 Resp: 6076

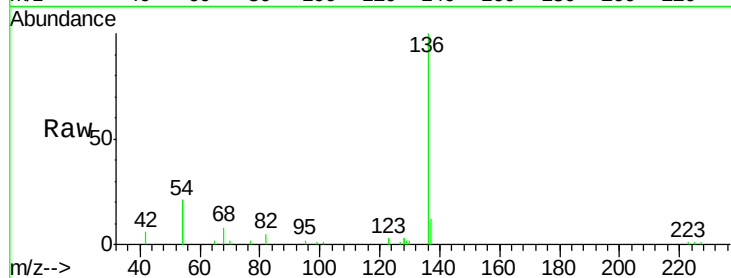
Ion Ratio Lower Upper

136 100

137 12.4 9.5 14.3

54 42.0 29.1 43.7

68 8.0 6.2 9.2

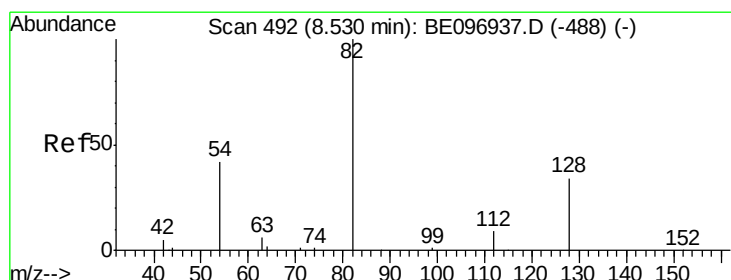
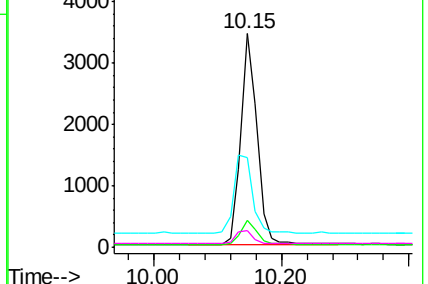
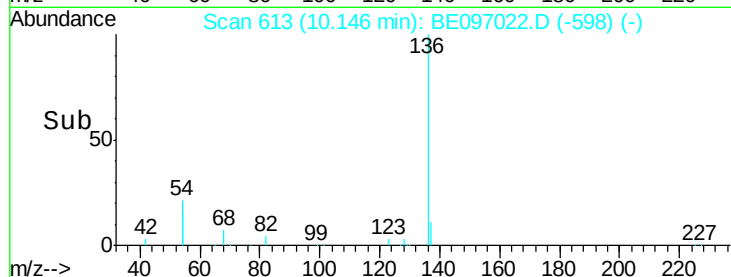


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.052 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097022.D

Acq: 20 Jul 2018 9:41

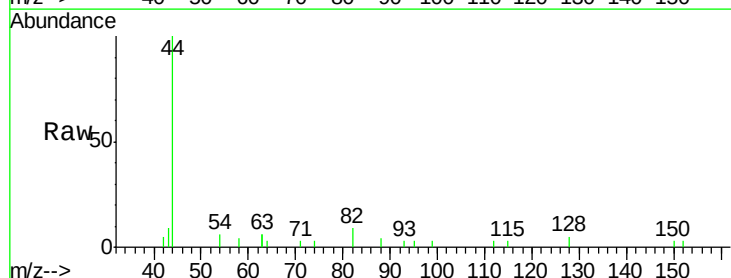
Tgt Ion: 82 Resp: 232

Ion Ratio Lower Upper

82 100

128 53.6 24.0 36.0#

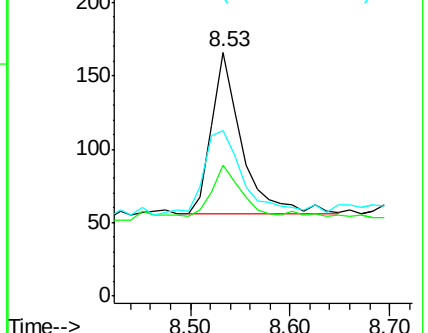
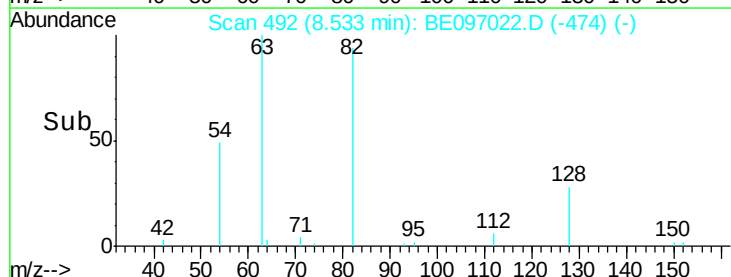
54 68.1 40.0 60.0#

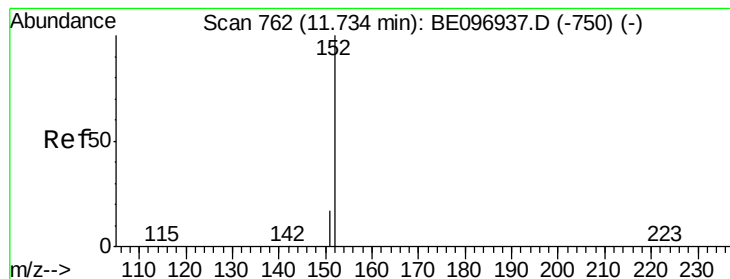


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.049 ng

RT: 11.73 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE097022.D

Acq: 20 Jul 2018 9:41

Instrument :

BNA_E

ClientSampleId :

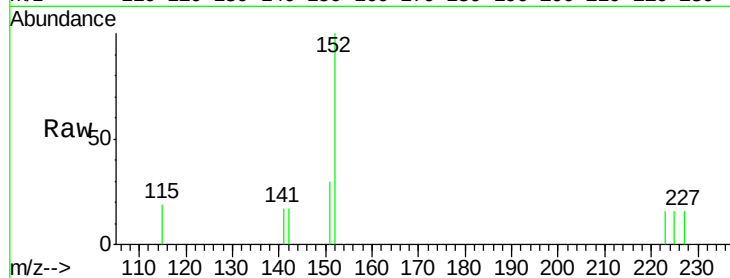
RE103D1-071218DL

Tgt Ion:152 Resp: 436

Ion Ratio Lower Upper

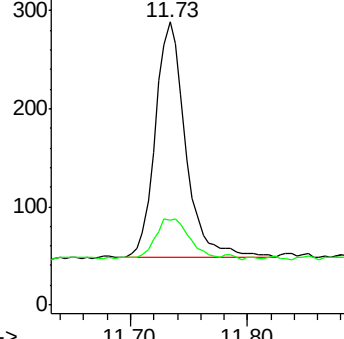
152 100

151 20.9 15.4 23.0

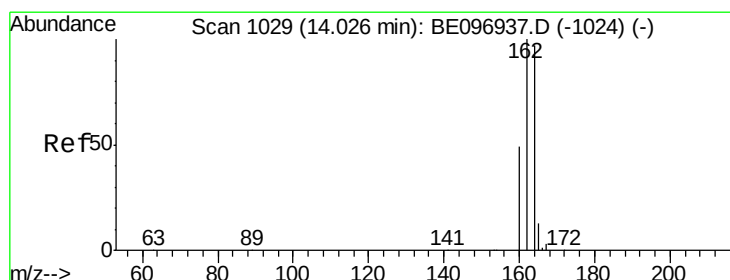
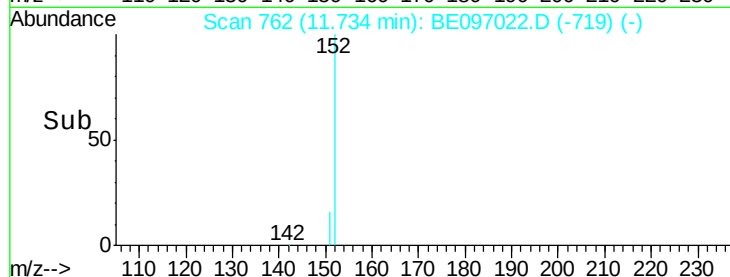


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BE097022.D

Acq: 20 Jul 2018 9:41

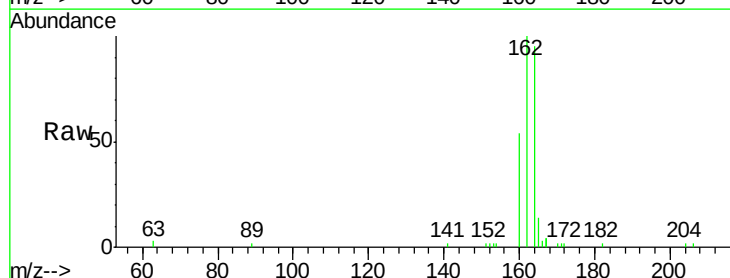
Tgt Ion:164 Resp: 3805

Ion Ratio Lower Upper

164 100

162 104.7 83.1 124.7

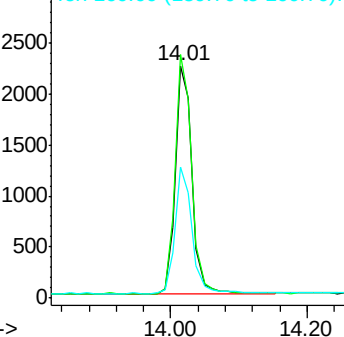
160 56.6 37.1 55.7#



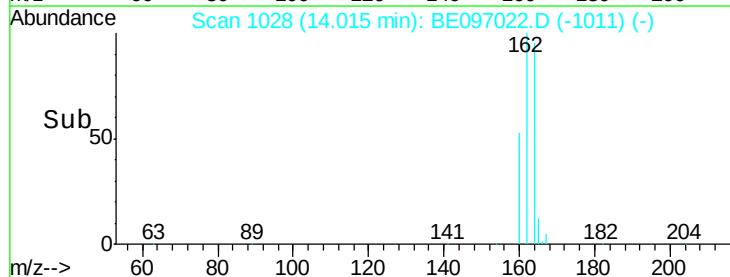
Abundance Ion 164.00 (163.70 to 164.70): E

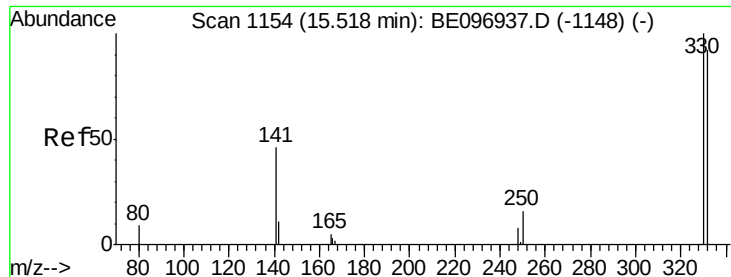
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->

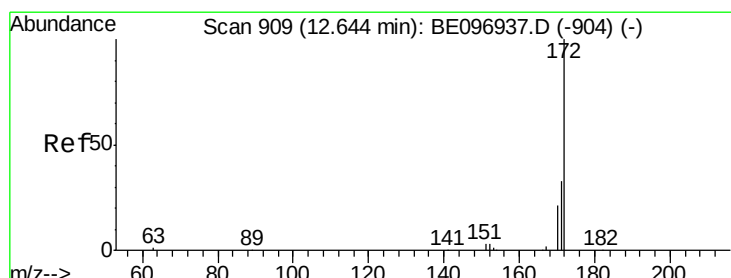
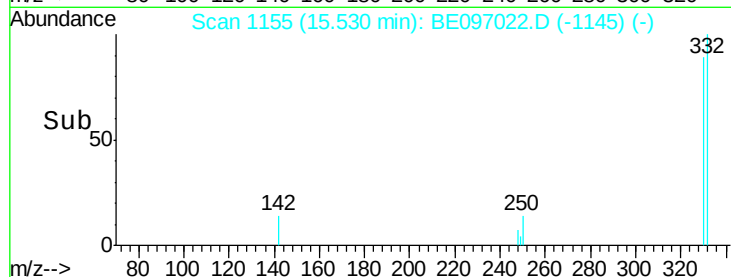
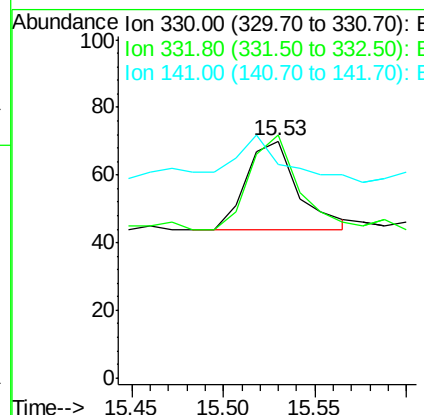
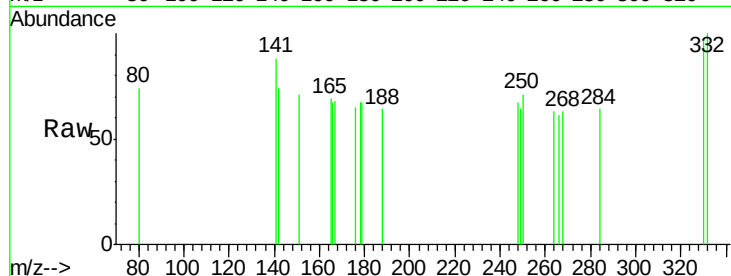




#14
 2,4,6-Tribromophenol
 Concen: 0.105 ng
 RT: 15.53 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: BE097022.D
 Acq: 20 Jul 2018 9:41

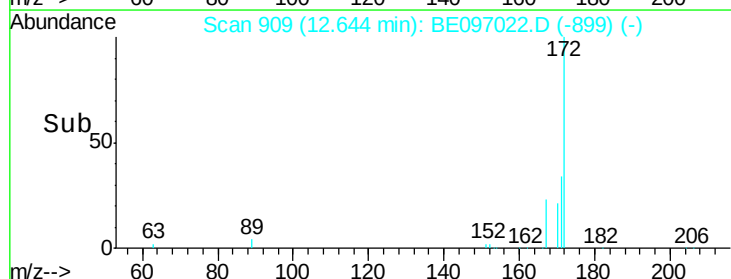
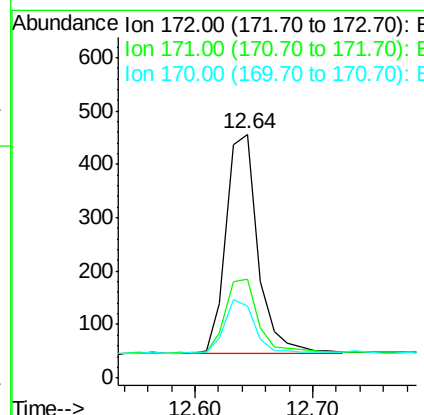
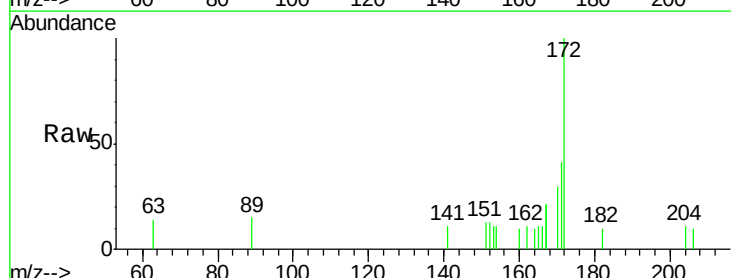
Instrument :
 BNA_E
 ClientSampleId :
 RE103D1-071218DL

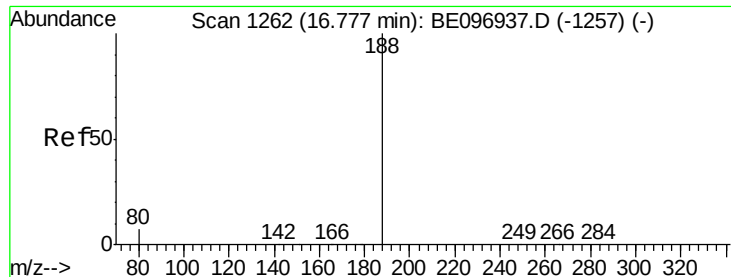
Tgt Ion: 330 Resp: 51
 Ion Ratio Lower Upper
 330 100
 332 100.0 152.7 229.1#
 141 49.0 33.7 50.5



#15
 2-Fluorobiphenyl
 Concen: 0.054 ng
 RT: 12.64 min Scan# 909
 Delta R.T. 0.01 min
 Lab File: BE097022.D
 Acq: 20 Jul 2018 9:41

Tgt Ion: 172 Resp: 770
 Ion Ratio Lower Upper
 172 100
 171 40.8 29.9 44.9
 170 29.6 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.77 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BE097022.D

Acq: 20 Jul 2018 9:41

Instrument :

BNA_E

ClientSampleId :

RE103D1-071218DL

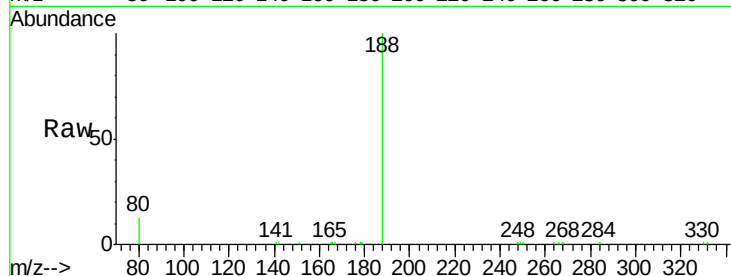
Tgt Ion:188 Resp: 10629

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

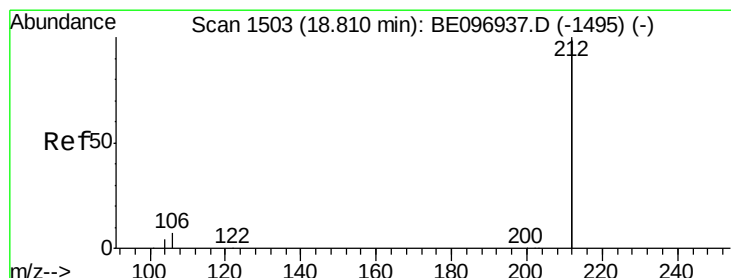
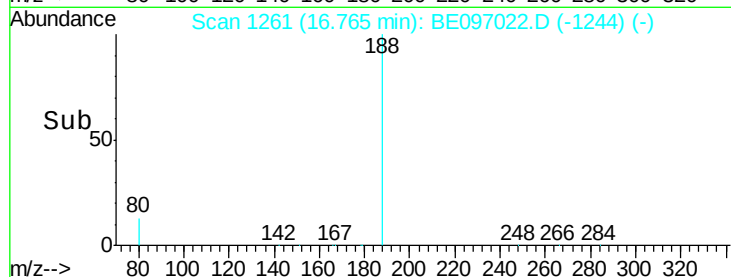
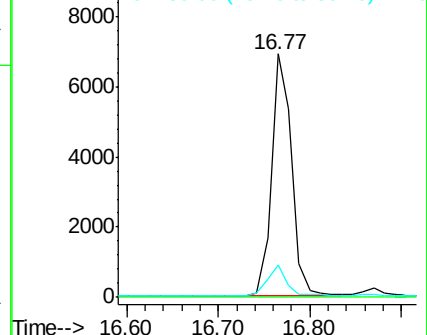
80 13.5 3.6 5.4#



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



#25

Fluoranthene-d10

Concen: 0.061 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE097022.D

Acq: 20 Jul 2018 9:41

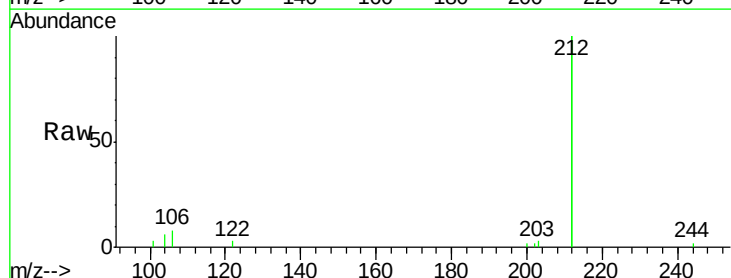
Tgt Ion:212 Resp: 5659

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

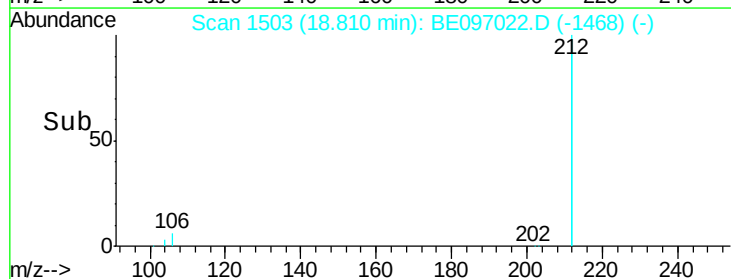
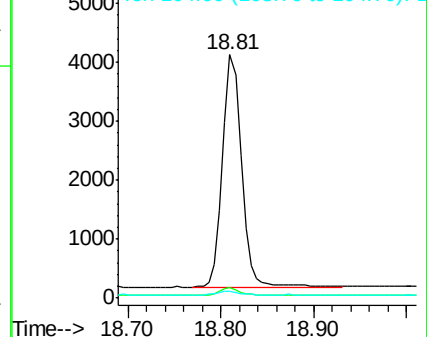
104 1.8 1.6 2.4

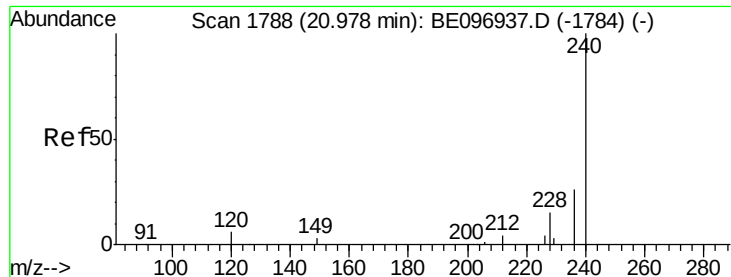


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE097022.D

Acq: 20 Jul 2018 9:41

Instrument :

BNA_E

ClientSampleId :

RE103D1-071218DL

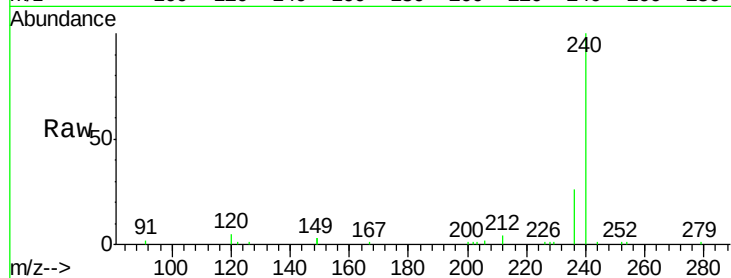
Tgt Ion:240 Resp: 9761

Ion Ratio Lower Upper

240 100

120 5.1 5.5 8.3#

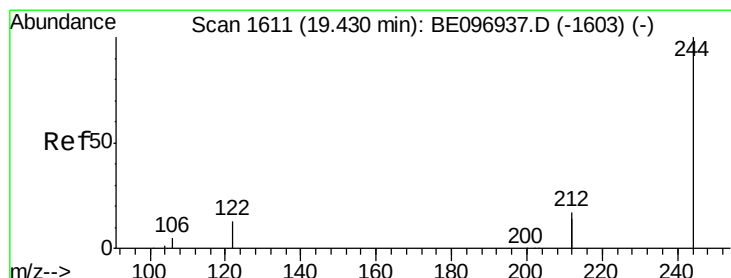
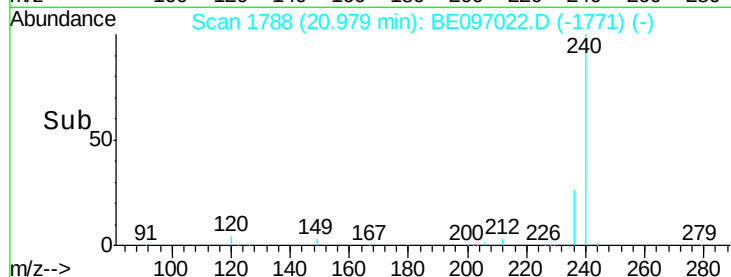
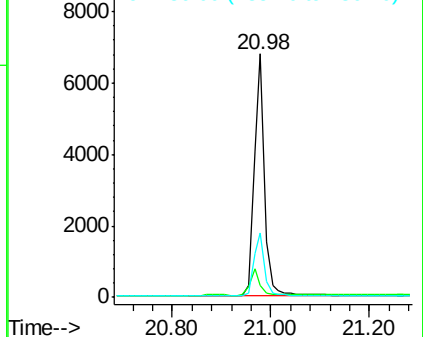
236 26.4 20.7 31.1



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: 0.194 ng

RT: 19.43 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BE097022.D

Acq: 20 Jul 2018 9:41

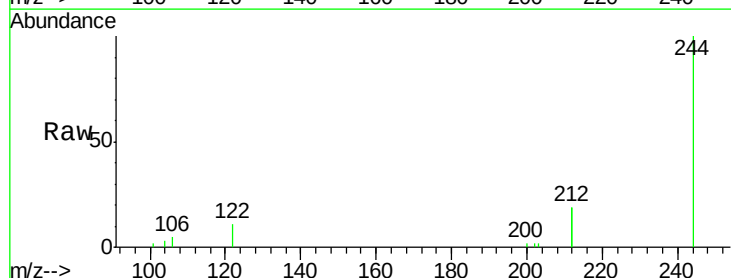
Tgt Ion:244 Resp: 3660

Ion Ratio Lower Upper

244 100

212 37.2 25.4 38.0

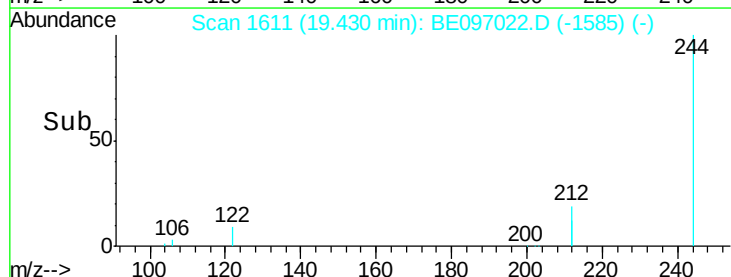
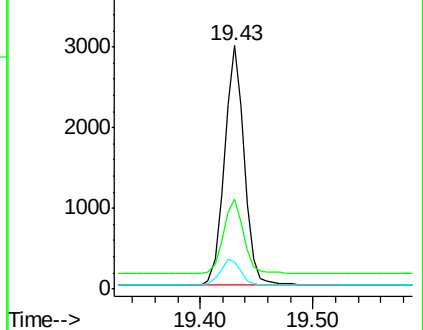
122 11.1 8.1 12.1

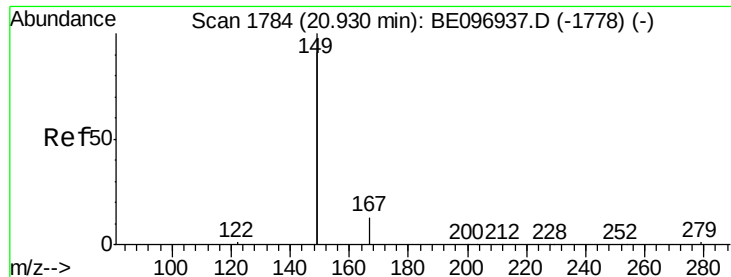


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

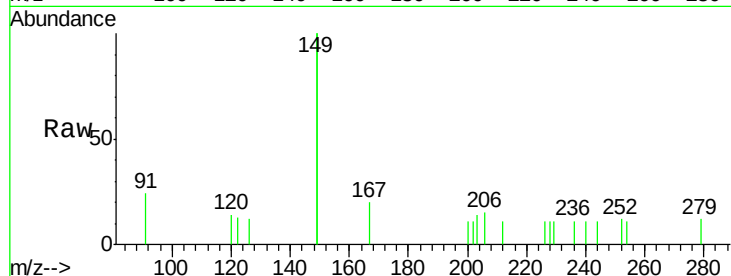




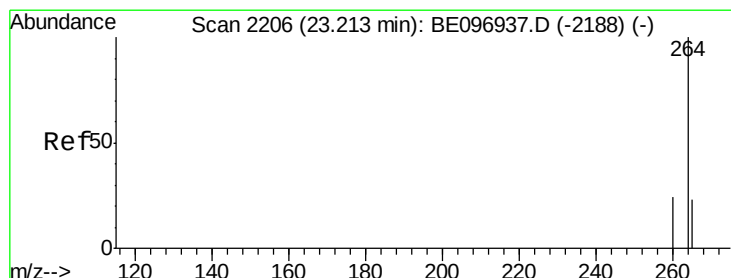
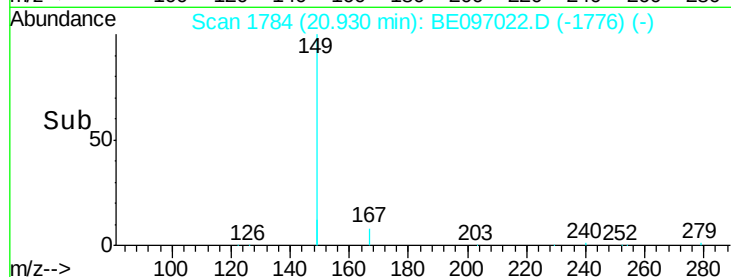
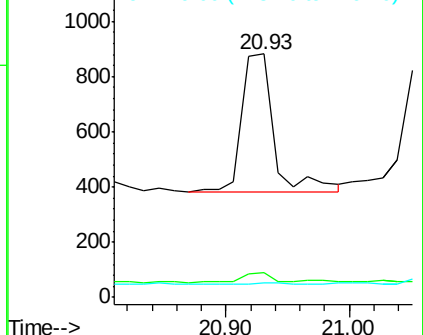
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.040 ng
 RT: 20.93 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BE097022.D
 Acq: 20 Jul 2018 9:41

Instrument :
 BNA_E
 ClientSampleId :
 RE103D1-071218DL

Tgt Ion:149 Resp: 922
 Ion Ratio Lower Upper
 149 100
 167 5.9 5.4 8.0
 279 0.7 0.7 1.1#

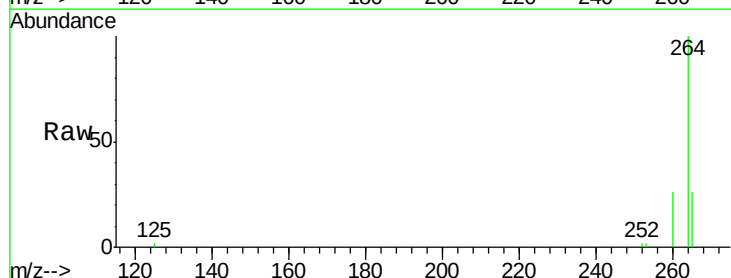


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE097022.D
 Acq: 20 Jul 2018 9:41

Tgt Ion:264 Resp: 8590
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.5 30.7
 265 25.6 22.8 34.2



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

