

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072018\
 Data File : BE097019.D
 Acq On : 20 Jul 2018 7:51
 Operator : SJ/JU
 Sample : J4014-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE122D2-071218

Quant Time: Jul 20 08:44:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 15:02:56 2018
 Response via : Initial Calibration

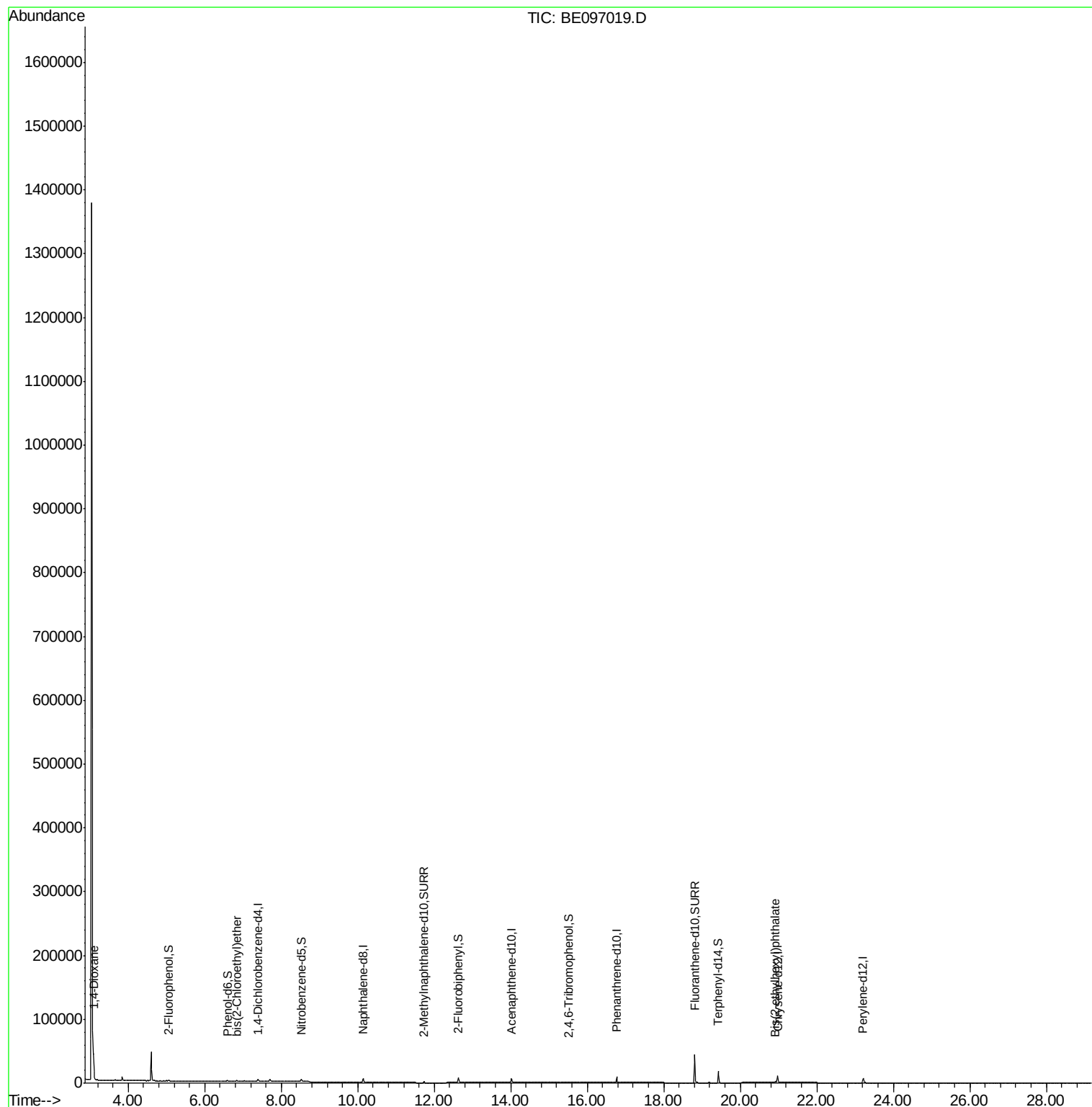
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1363	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6265	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3795	0.40	ng	-0.01
19) Phenanthrene-d10	16.77	188	11290	0.40	ng	-0.01
27) Chrysene-d12	20.98	240	11134	0.40	ng	0.00
34) Perylene-d12	23.21	264	10187	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	636	0.20	ng	0.00
5) Phenol-d6	6.59	99	537	0.11	ng	0.00
8) Nitrobenzene-d5	8.53	82	2169	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3794	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	439	0.51	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	7263	0.51	ng	-0.01
25) Fluoranthene-d10	18.81	212	56686	0.58	ng	0.00
29) Terphenyl-d14	19.43	244	15239	0.71	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.09	88	13286	6.810	ng	94
6) bis(2-Chloroethyl)ether	6.84	93	340	0.070	ng	87
32) Bis(2-ethylhexyl)phthalate	20.92	149	1543	0.058	ng	# 99

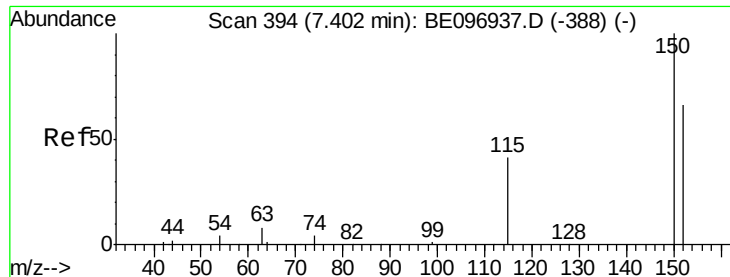
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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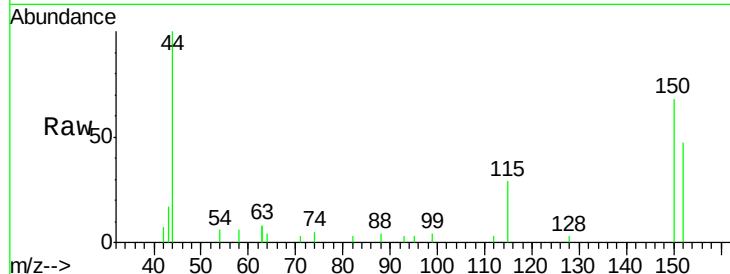


#1

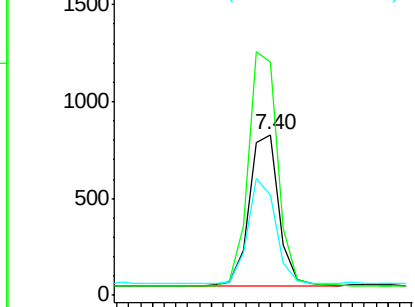
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. -0.00 min
Lab File: BE097019.D
Acq: 20 Jul 2018 7:51

Instrument :
BNA_E
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RE122D2-071218

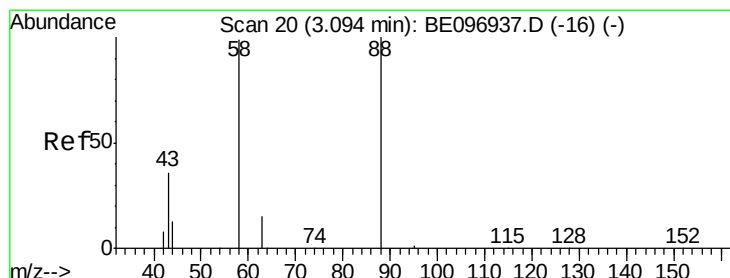
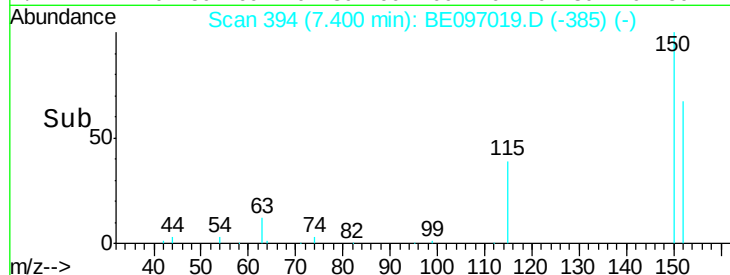
Tgt Ion:152 Resp: 1363
Ion Ratio Lower Upper
152 100
150 145.3 117.2 175.8
115 62.2 57.0 85.6



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



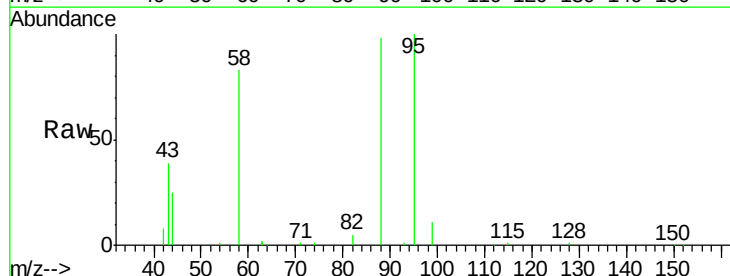
Time-->



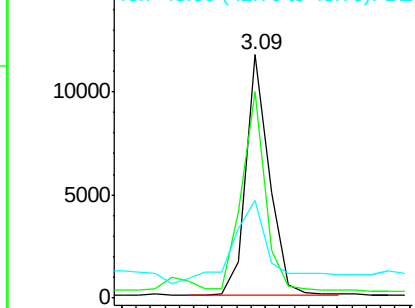
#2

1,4-Dioxane
Concen: 6.810 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097019.D
Acq: 20 Jul 2018 7:51

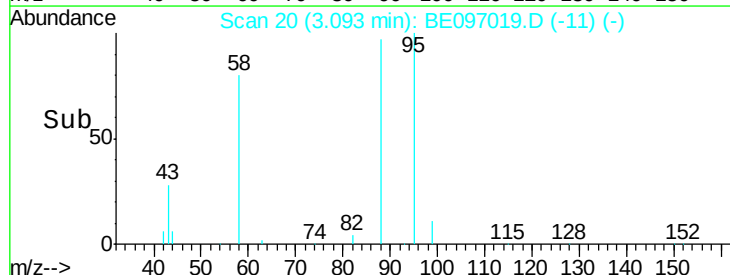
Tgt Ion: 88 Resp: 13286
Ion Ratio Lower Upper
88 100
58 82.6 63.2 94.8
43 57.7 41.2 61.8

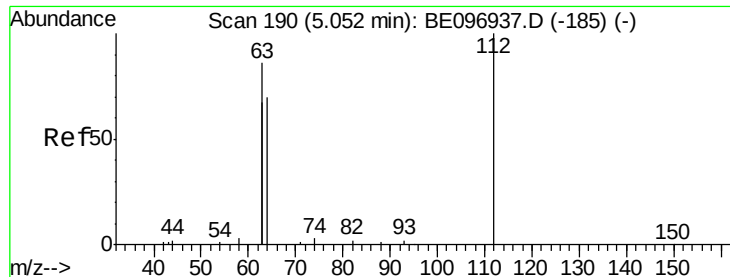


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#4

2-Fluorophenol

Concen: 0.195 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097019.D

Acq: 20 Jul 2018 7:51

Instrument :

BNA_E

ClientSampleId :

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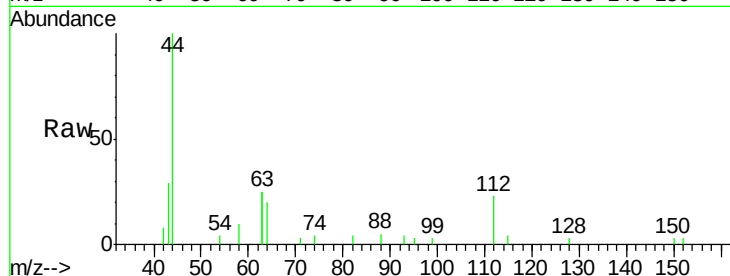
Tgt Ion: 112 Resp: 636

Ion Ratio Lower Upper

112 100

64 68.2 60.1 90.1

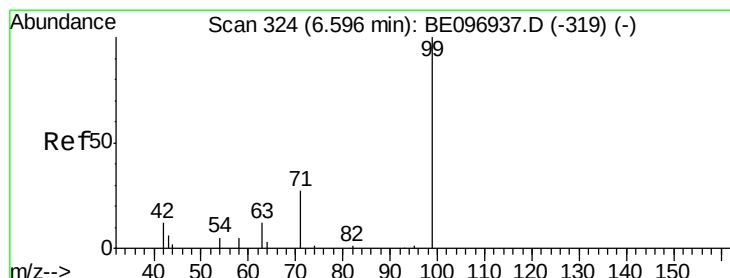
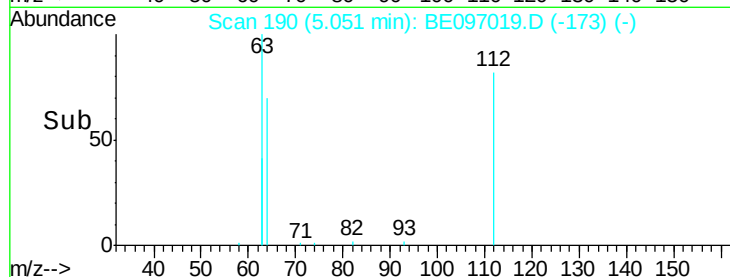
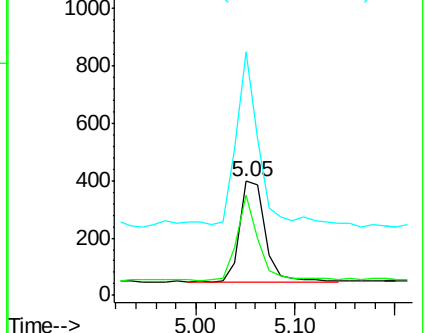
63 155.8 116.8 175.2



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: 0.108 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097019.D

Acq: 20 Jul 2018 7:51

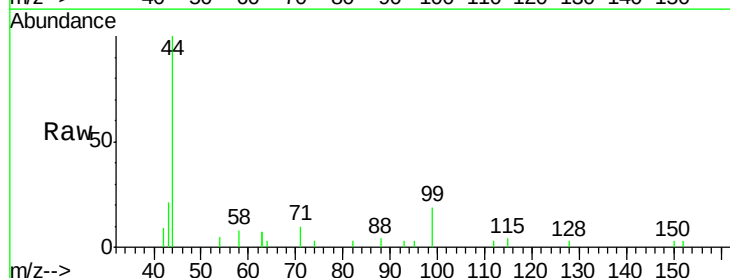
Tgt Ion: 99 Resp: 537

Ion Ratio Lower Upper

99 100

42 23.5 20.2 30.2

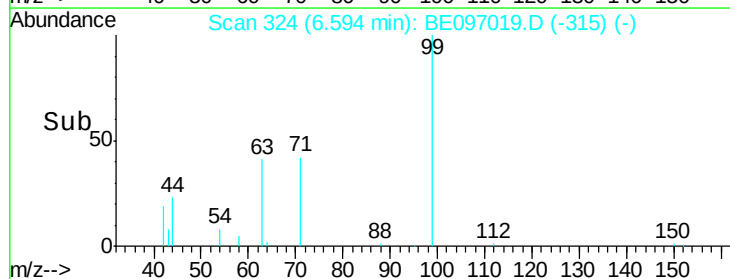
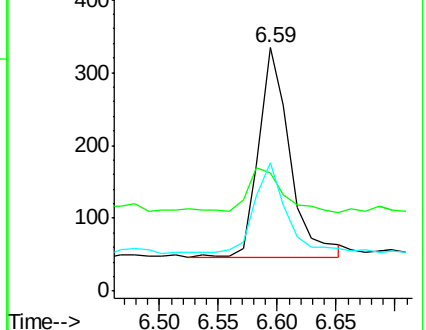
71 41.9 28.4 42.6

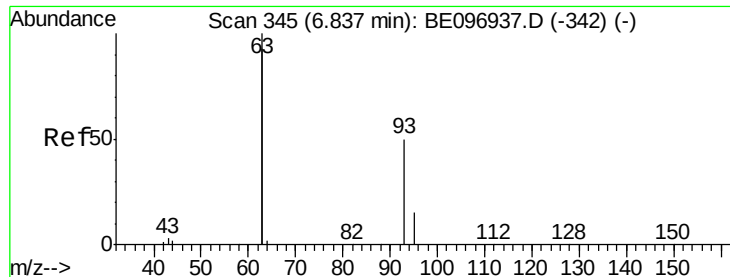


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.070 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097019.D

Acq: 20 Jul 2018 7:51

Instrument :

BNA_E

ClientSampleId :

RE122D2-071218

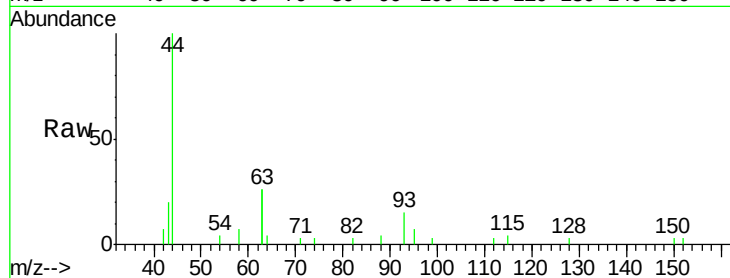
Tgt Ion: 93 Resp: 340

Ion Ratio Lower Upper

93 100

63 313.5 275.3 412.9

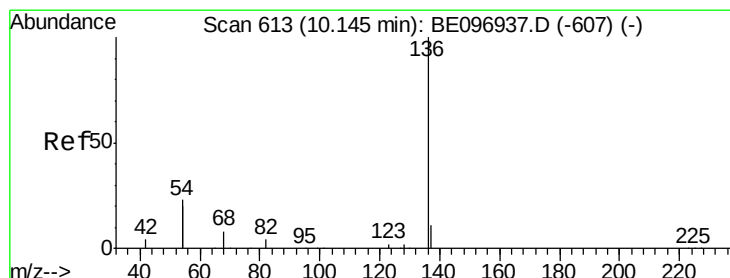
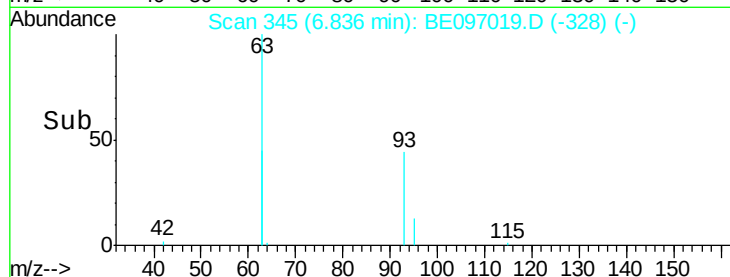
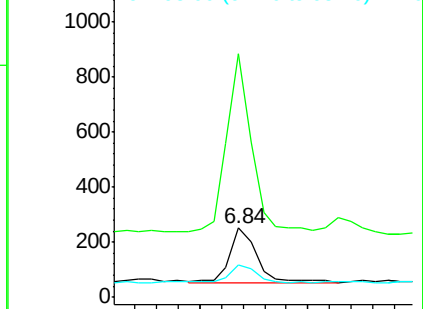
95 32.1 25.2 37.8



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 614

Delta R.T. 0.00 min

Lab File: BE097019.D

Acq: 20 Jul 2018 7:51

Tgt Ion: 136 Resp: 6265

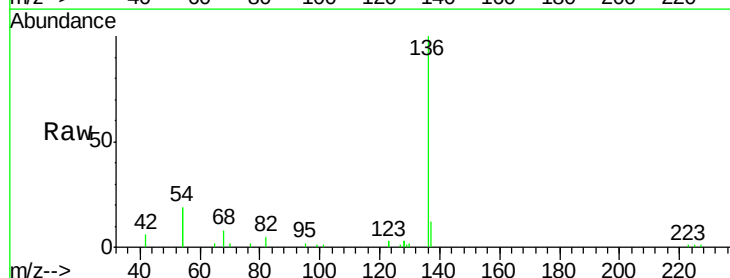
Ion Ratio Lower Upper

136 100

137 12.2 9.5 14.3

54 38.9 29.1 43.7

68 7.7 6.2 9.2

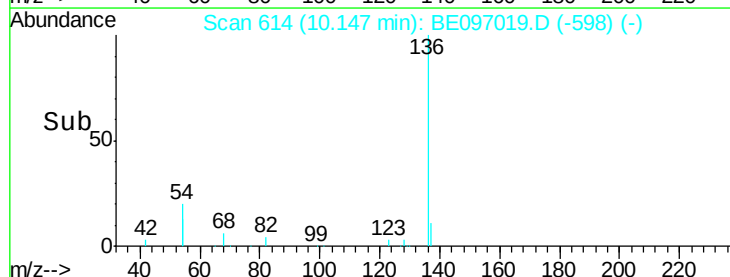
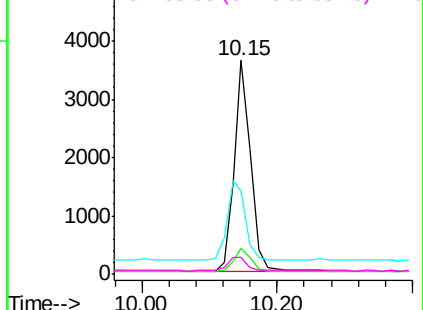


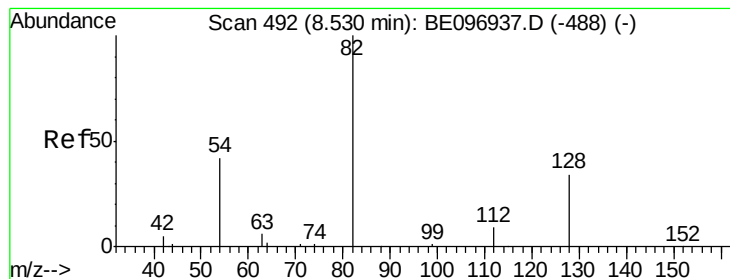
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.475 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.00 min

Lab File: BE097019.D

Acq: 20 Jul 2018 7:51

Instrument :

BNA_E

ClientSampleId :

RE122D2-071218

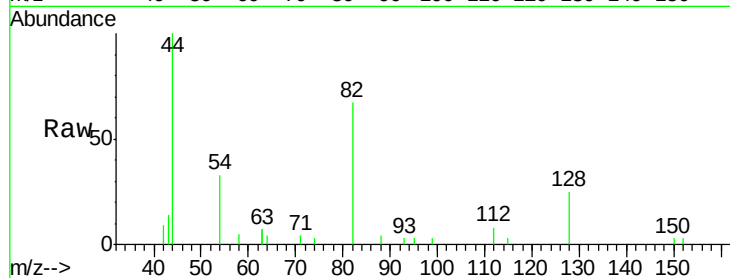
Tgt Ion: 82 Resp: 2169

Ion Ratio Lower Upper

82 100

128 36.8 24.0 36.0#

54 49.3 40.0 60.0



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

8.53

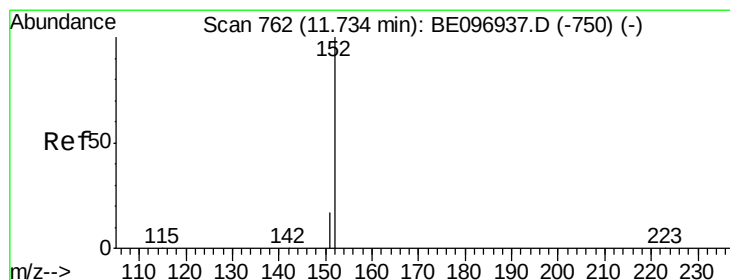
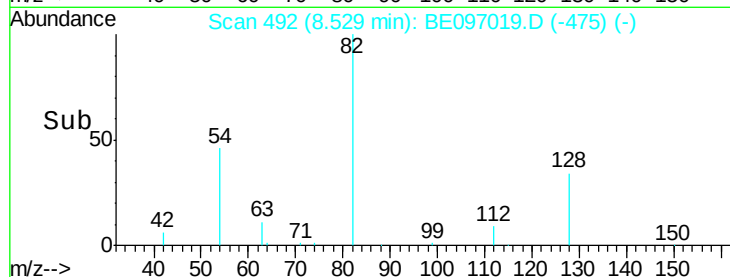
1000

500

0

8.40 8.50 8.60

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.416 ng

RT: 11.73 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE097019.D

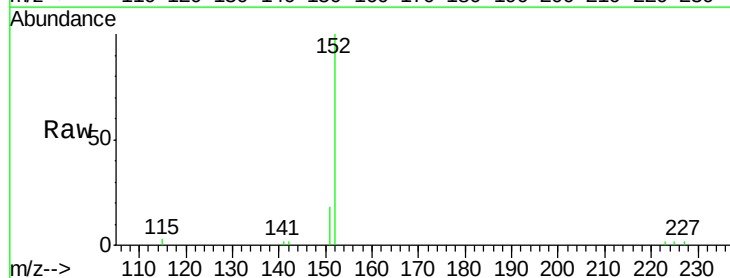
Acq: 20 Jul 2018 7:51

Tgt Ion: 152 Resp: 3794

Ion Ratio Lower Upper

152 100

151 19.1 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

2500

2000

1500

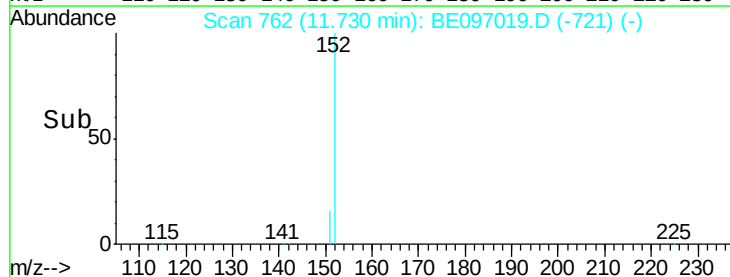
1000

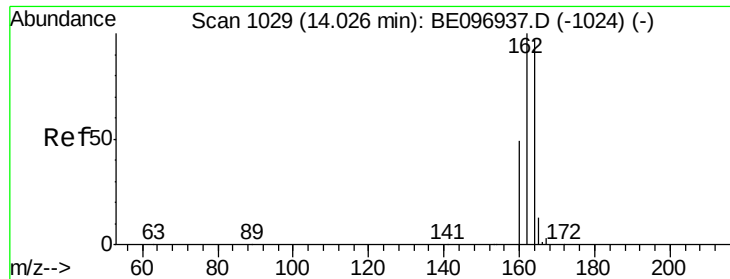
500

0

11.70 11.80

Time-->

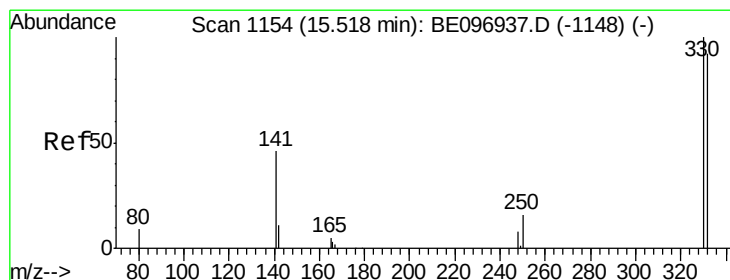
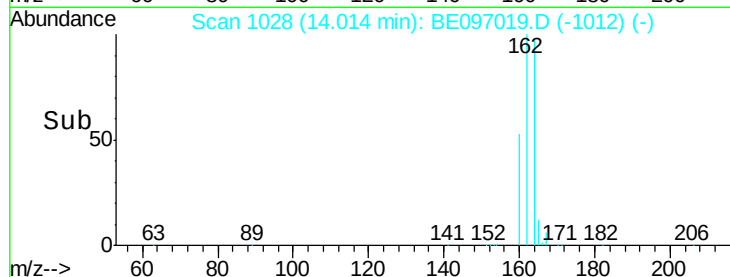
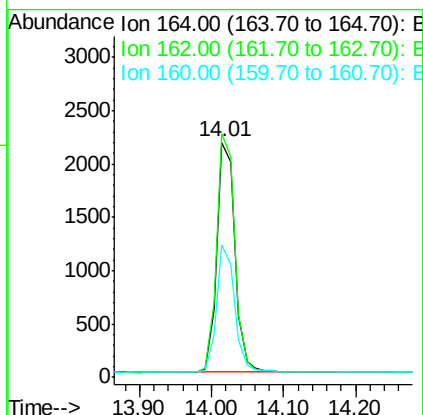
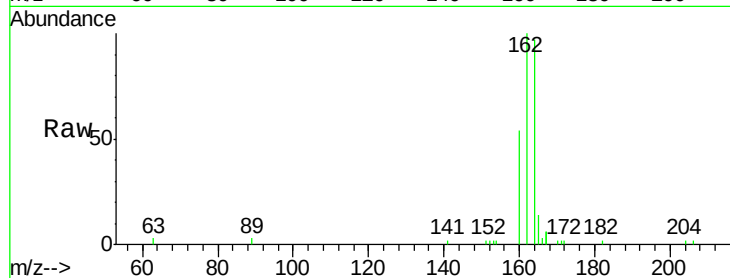




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.01 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BE097019.D
 Acq: 20 Jul 2018 7:51

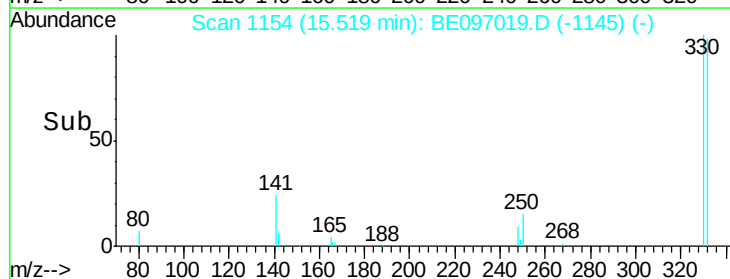
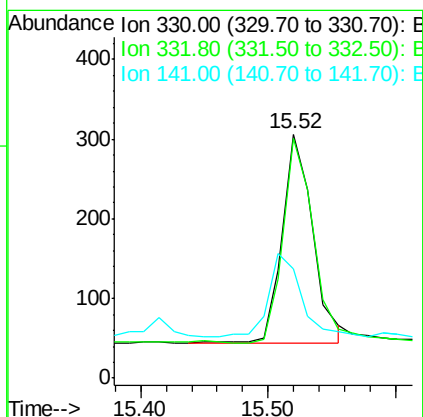
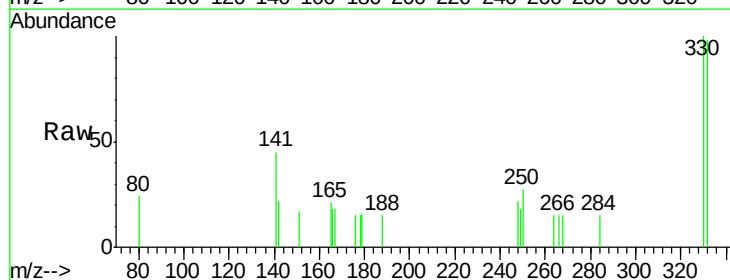
Instrument :
 BNA_E
 ClientSampleId :
 RE122D2-071218

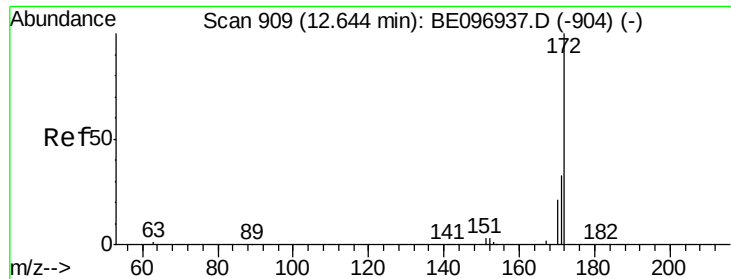
Tgt Ion:164 Resp: 3795
 Ion Ratio Lower Upper
 164 100
 162 103.5 83.1 124.7
 160 56.3 37.1 55.7#



#14
 2,4,6-Tribromophenol
 Concen: 0.507 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BE097019.D
 Acq: 20 Jul 2018 7:51

Tgt Ion:330 Resp: 439
 Ion Ratio Lower Upper
 330 100
 332 96.8 152.7 229.1#
 141 42.4 33.7 50.5

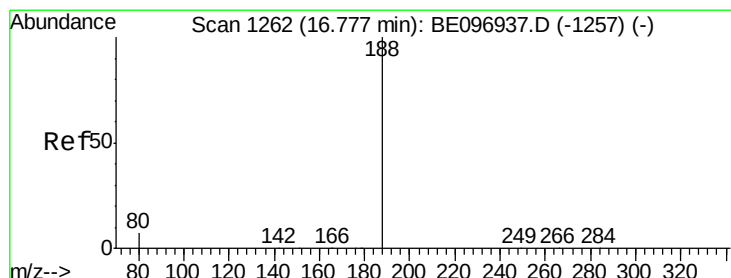
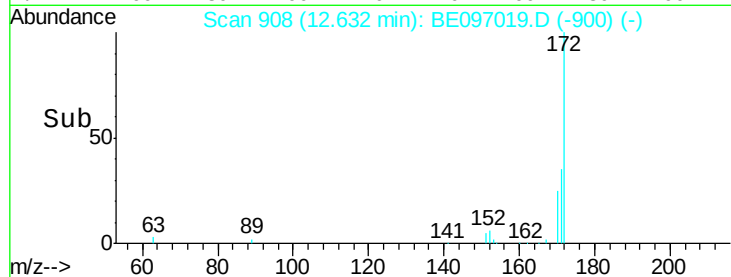
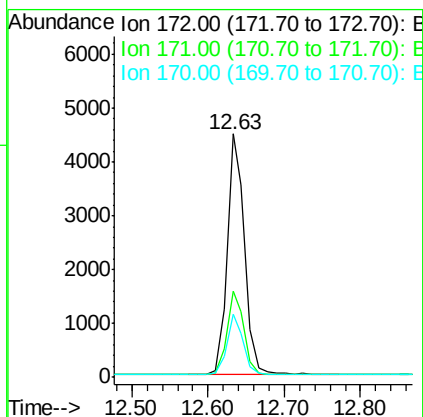
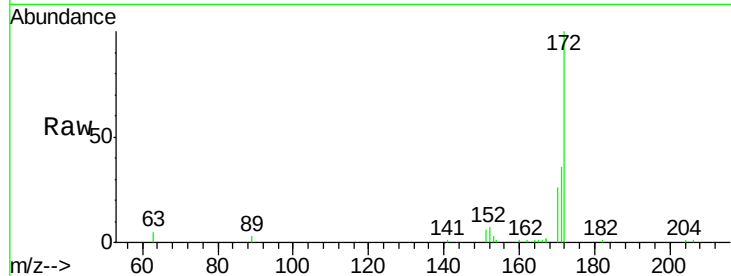




#15
2-Fluorobiphenyl
Concen: 0.515 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.01 min
Lab File: BE097019.D
Acq: 20 Jul 2018 7:51

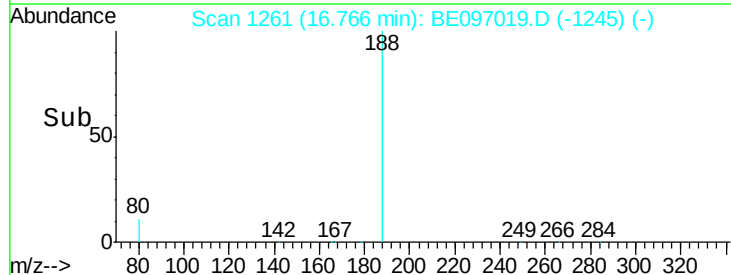
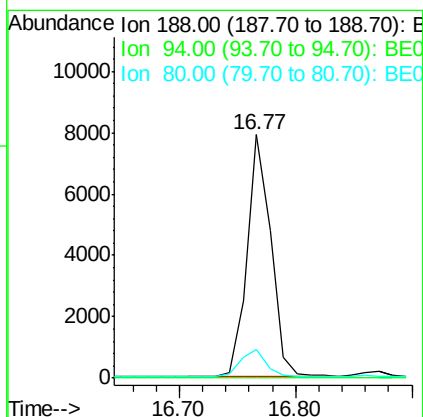
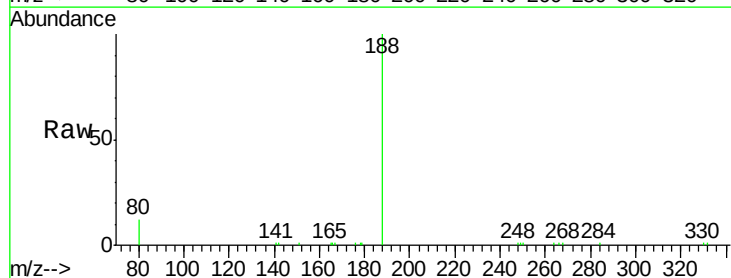
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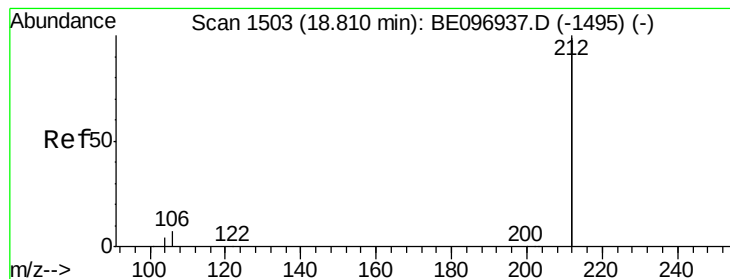
Tgt Ion:172 Resp: 7263
Ion Ratio Lower Upper
172 100
171 35.6 29.9 44.9
170 25.7 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BE097019.D
Acq: 20 Jul 2018 7:51

Tgt Ion:188 Resp: 11290
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 11.9 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.577 ng

RT: 18.81 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE097019.D

Acq: 20 Jul 2018 7:51

Instrument :

BNA_E

ClientSampleId :

RE122D2-071218

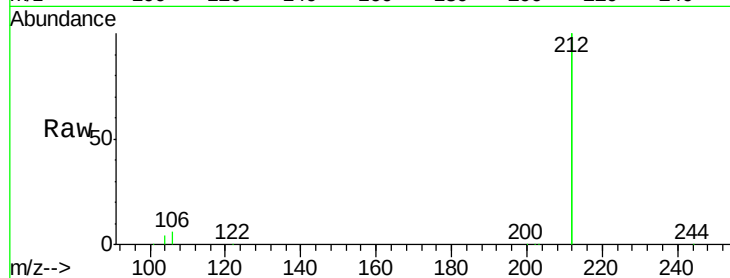
Tgt Ion:212 Resp: 56686

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

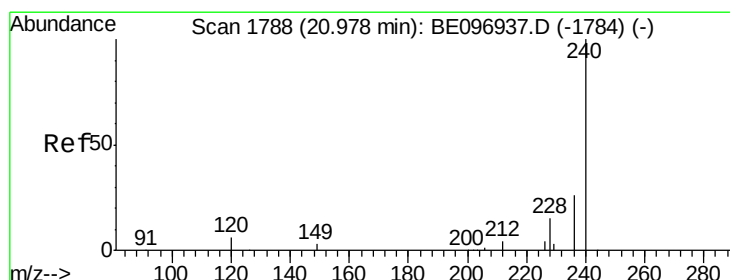
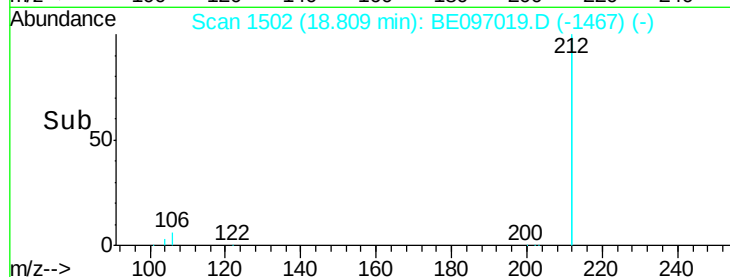
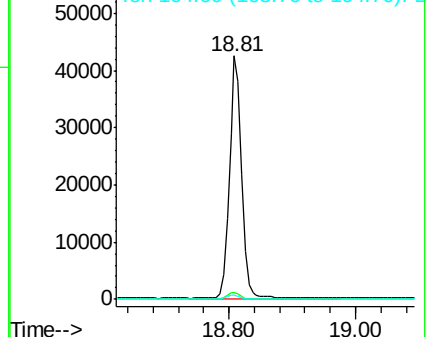
104 1.7 1.6 2.4



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# 1787

Delta R.T. 0.00 min

Lab File: BE097019.D

Acq: 20 Jul 2018 7:51

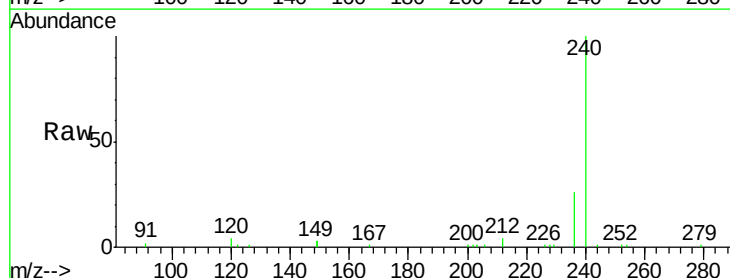
Tgt Ion:240 Resp: 11134

Ion Ratio Lower Upper

240 100

120 4.5 5.5 8.3#

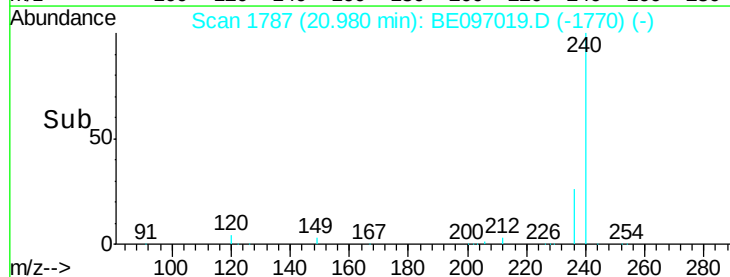
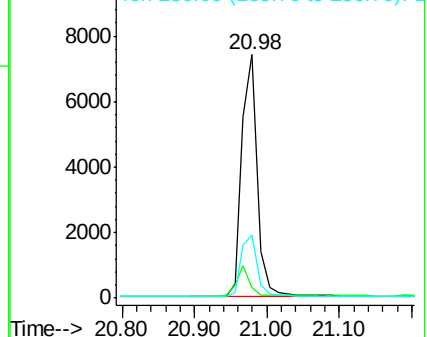
236 26.2 20.7 31.1

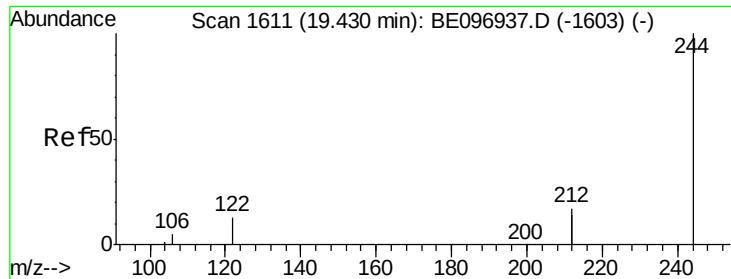


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.709 ng

RT: 19.43 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BE097019.D

Acq: 20 Jul 2018 7:51

Instrument :

BNA_E

ClientSampleId :

RE122D2-071218

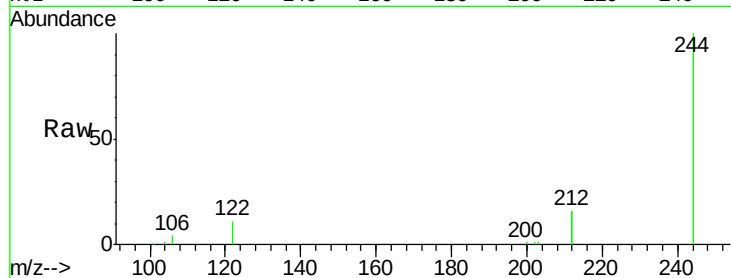
Tgt Ion:244 Resp: 15239

Ion Ratio Lower Upper

244 100

212 31.8 25.4 38.0

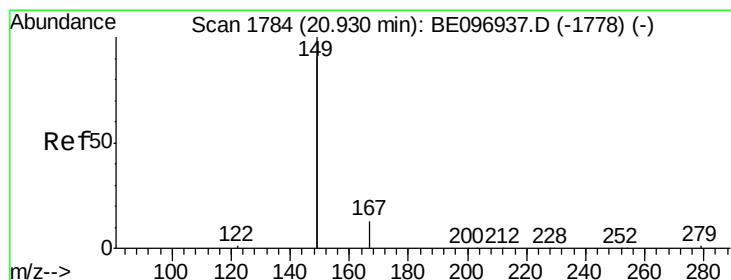
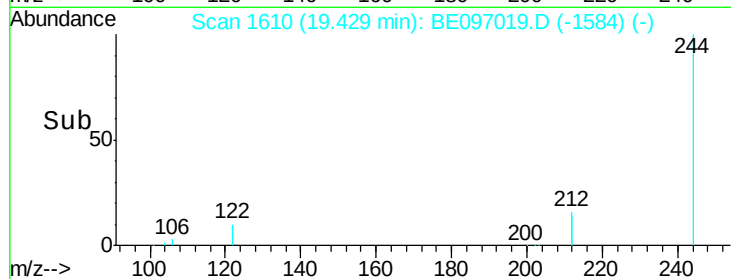
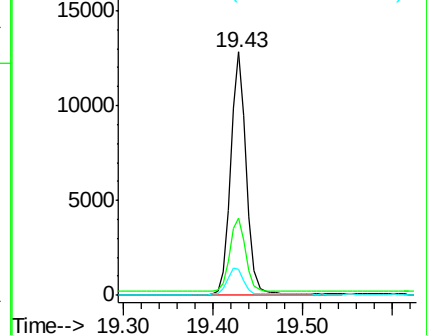
122 10.6 8.1 12.1



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: 0.058 ng

RT: 20.92 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BE097019.D

Acq: 20 Jul 2018 7:51

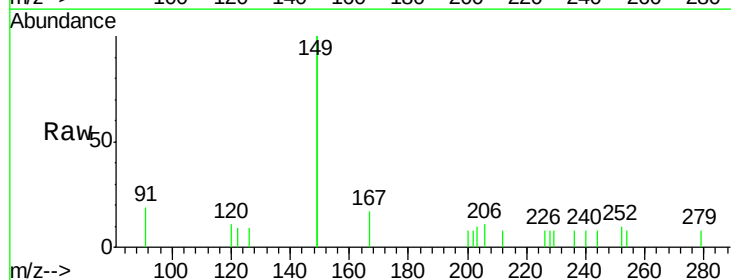
Tgt Ion:149 Resp: 1543

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

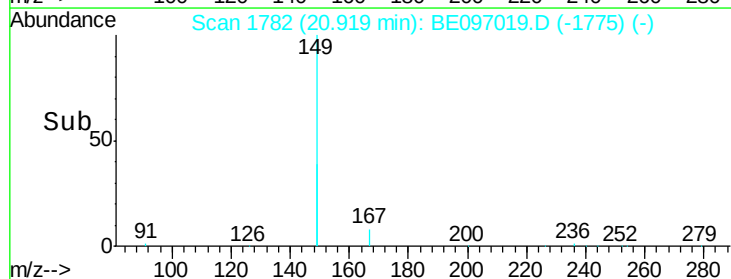
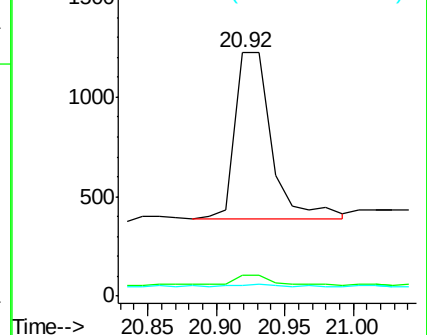
279 1.9 0.7 1.1#

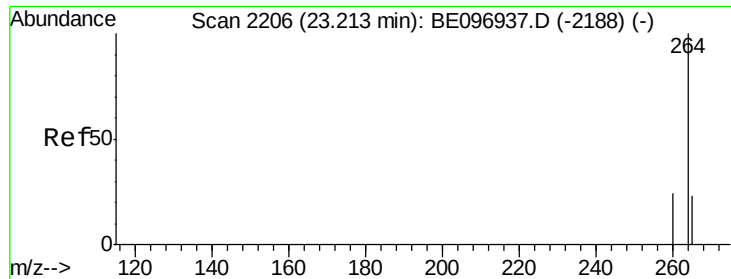


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2204
Delta R.T. -0.00 min
Lab File: BE097019.D
Acq: 20 Jul 2018 7:51

Instrument :
BNA_E
ClientSampleId :
RE122D2-071218

Tgt Ion: 264 Resp: 10187
Ion Ratio Lower Upper
264 100
260 26.1 20.5 30.7
265 25.1 22.8 34.2

