

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
 Data File : BE097085.D
 Acq On : 24 Jul 2018 23:29
 Operator : SJ/JU
 Sample : J4073-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE108D1-071718

Quant Time: Jul 25 01:12:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 24 13:24:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1319	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6170	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3786	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	11424	0.40	ng	0.00
27) Chrysene-d12	20.98	240	11037	0.40	ng	0.00
34) Perylene-d12	23.21	264	10243	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	829	0.22	ng	0.00
5) Phenol-d6	6.60	99	710	0.13	ng	0.00
8) Nitrobenzene-d5	8.52	82	2862	0.53	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	4547	0.49	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	656	0.53	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	8095	0.62	ng	0.00
25) Fluoranthene-d10	18.80	212	65747	0.58	ng	0.00
29) Terphenyl-d14	19.42	244	13632	0.64	ng	0.00

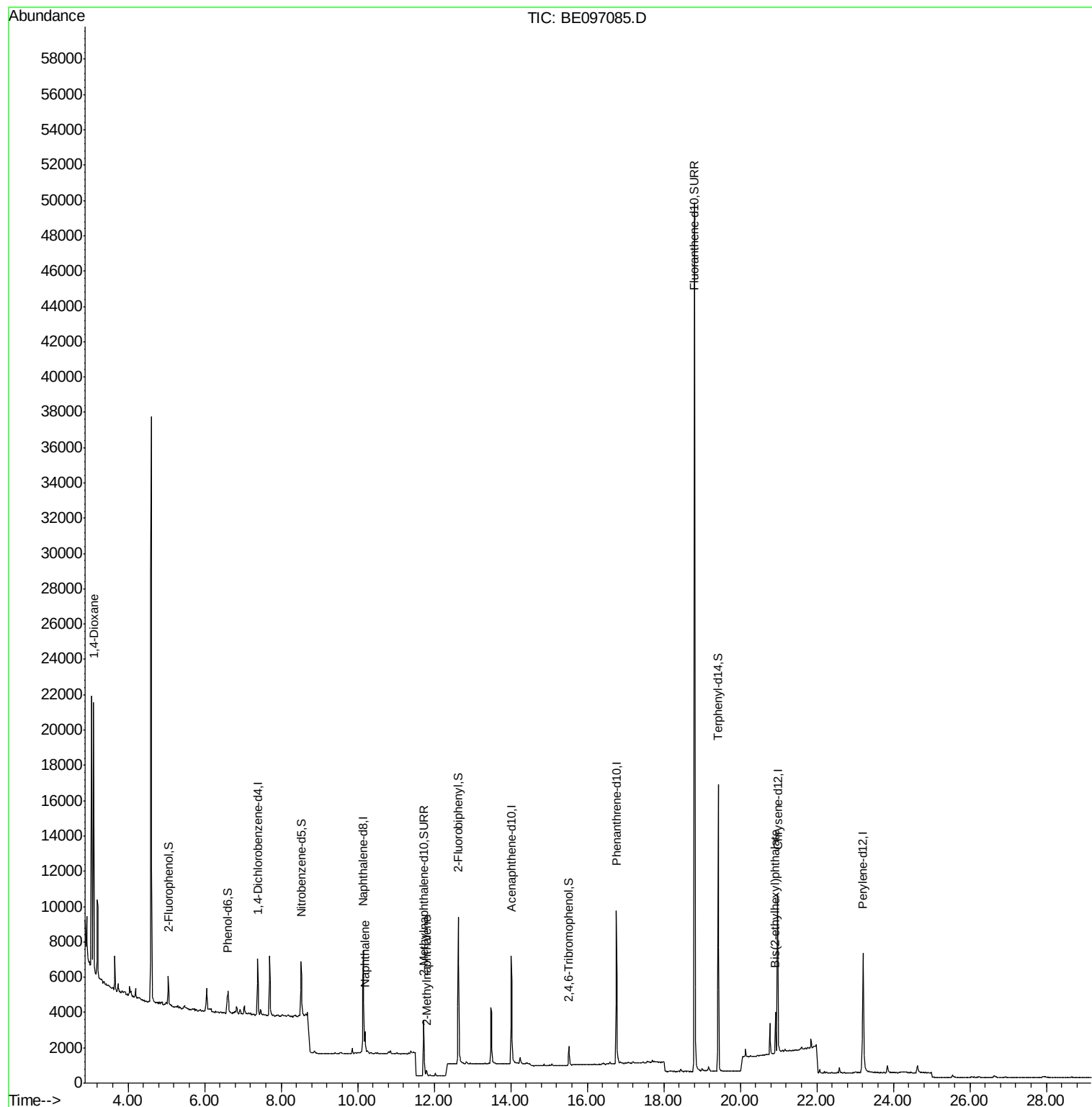
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.10	88	8303	3.961	ng	# 87
9) Naphthalene	10.20	128	2123	0.038	ng	# 91
12) 2-Methylnaphthalene	11.80	142	212	0.022	ng	# 84
32) Bis(2-ethylhexyl)phthalate	20.92	149	2930	0.096	ng	# 99

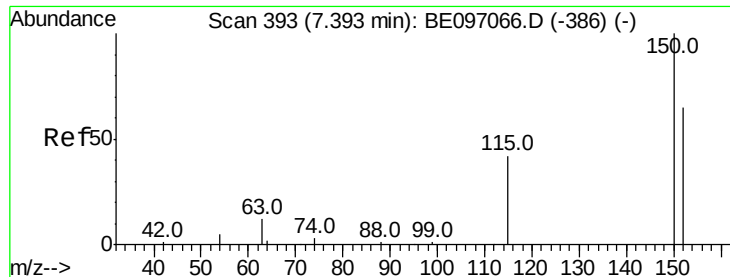
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
Data File : BE097085.D
Acq On : 24 Jul 2018 23:29
Operator : SJ/JU
Sample : J4073-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE108D1-071718

Quant Time: Jul 25 01:12:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 24 13:24:10 2018
Response via : Initial Calibration

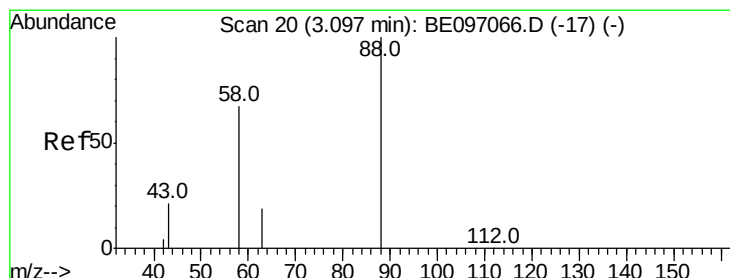
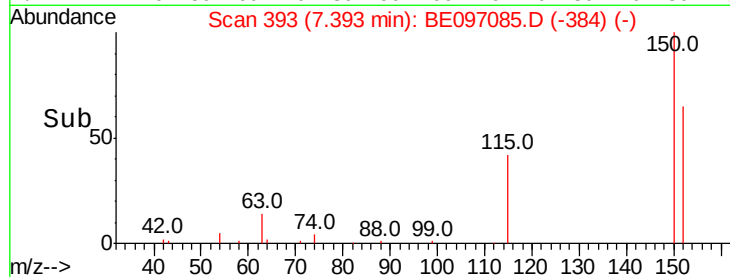
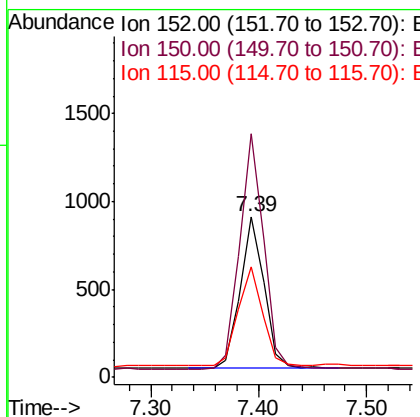
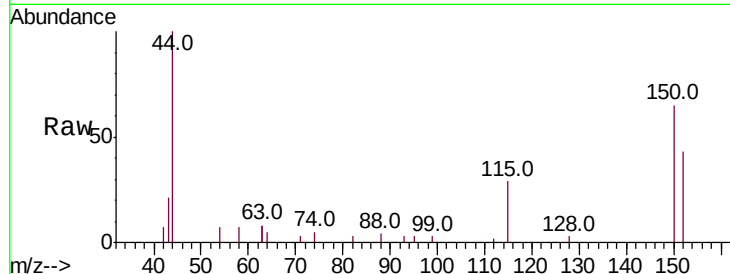




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.39 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: BE097085.D
 Acq: 24 Jul 2018 23:29

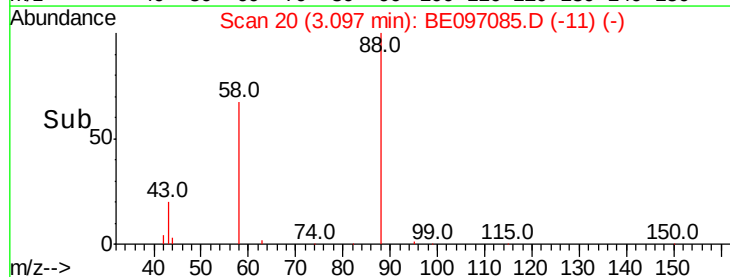
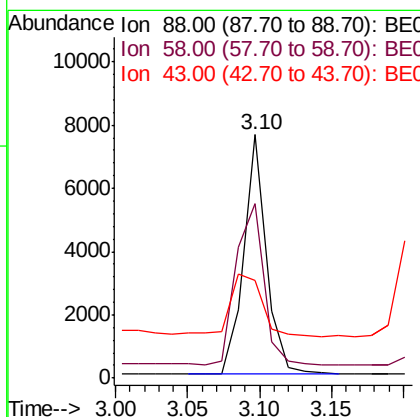
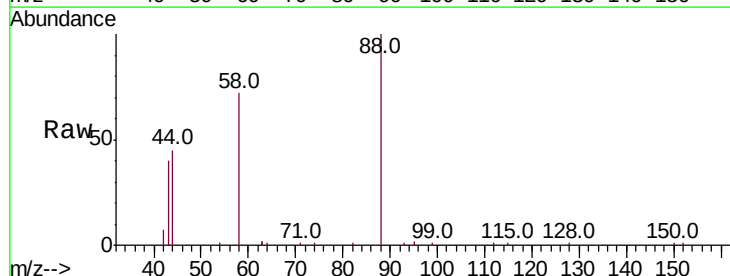
Instrument :
 BNA_E
 ClientSampleId :
 RE108D1-071718

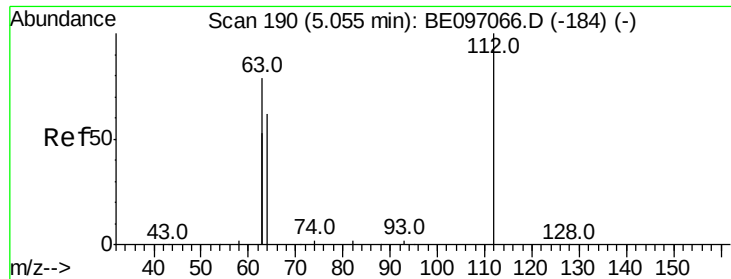
Tot Ion:152 Resp: 1319
 Ion Ratio Lower Upper
 152 100
 150 151.5 117.2 175.8
 115 69.0 57.0 85.6



#2
 1,4-Dioxane
 Concen: 3.961 ng
 RT: 3.10 min Scan# 20
 Delta R.T. -0.00 min
 Lab File: BE097085.D
 Acq: 24 Jul 2018 23:29

Tgt Ion: 88 Resp: 8303
 Ion Ratio Lower Upper
 88 100
 58 83.6 63.2 94.8
 43 34.9 41.2 61.8#





#4

2-Fluorophenol

Concen: 0.224 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

Instrument :

BNA_E

ClientSampleId :

RE108D1-071718

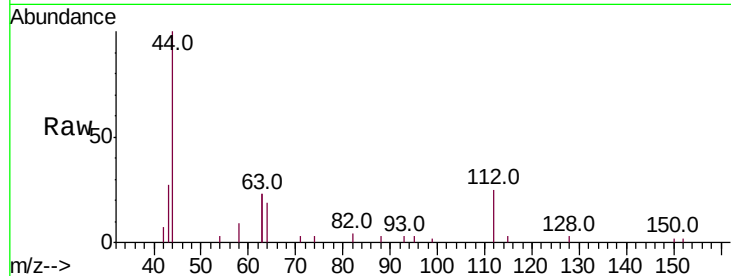
Tot Ion:112 Resp: 829

Ion Ratio Lower Upper

112 100

64 65.5 60.1 90.1

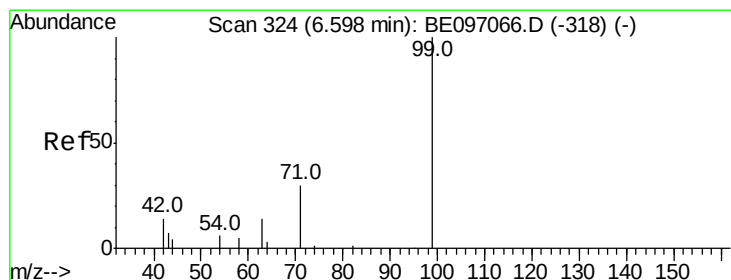
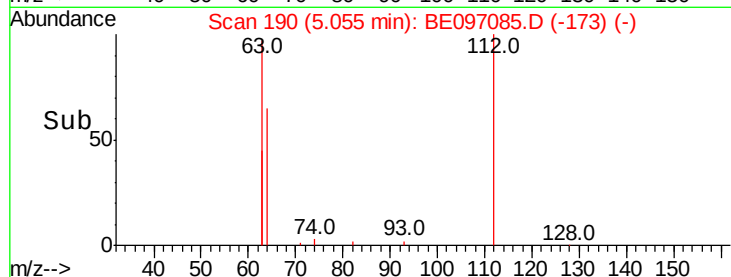
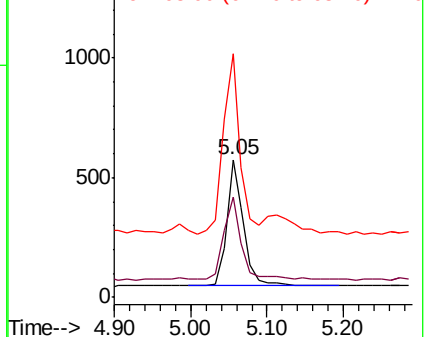
63 139.2 116.8 175.2



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



#5

Phenol-d6

Concen: 0.131 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

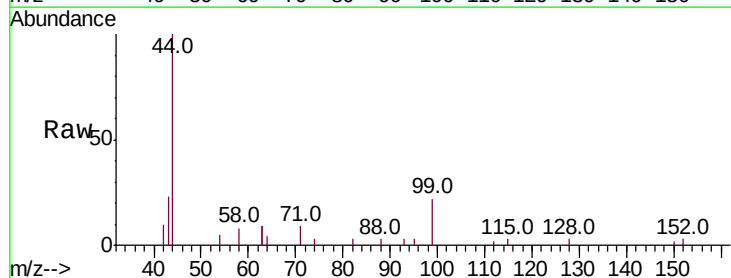
Tgt Ion: 99 Resp: 710

Ion Ratio Lower Upper

99 100

42 33.8 20.2 30.2#

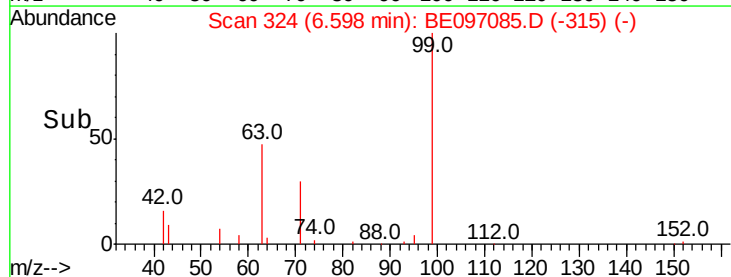
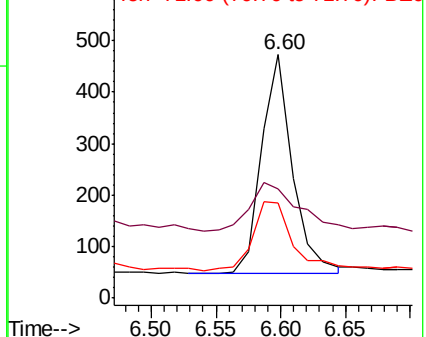
71 40.6 28.4 42.6

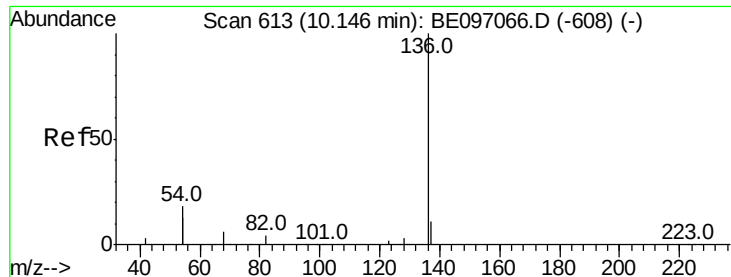


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE097085.D

Acq: 24 Jul 2018 23:29

Instrument :

BNA_E

ClientSampleId :

RE108D1-071718

Tot Ion:136 Resp: 6170

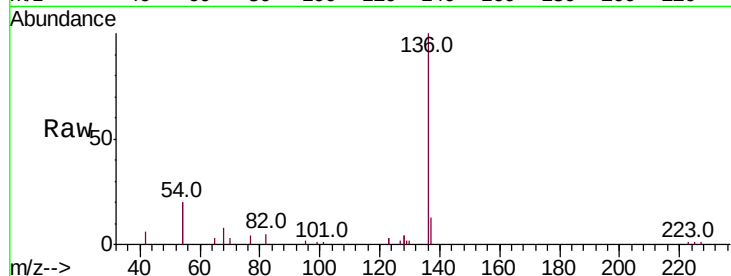
Ion Ratio Lower Upper

136 100

137 13.1 9.5 14.3

54 40.9 29.1 43.7

68 8.3 6.2 9.2

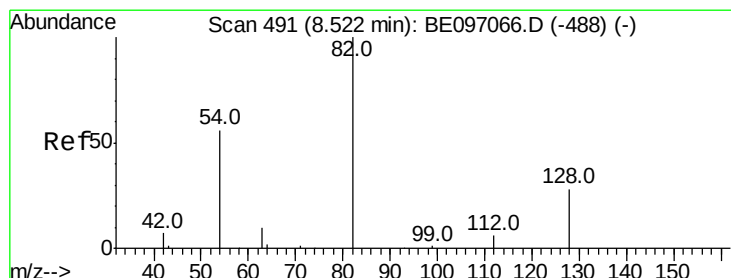
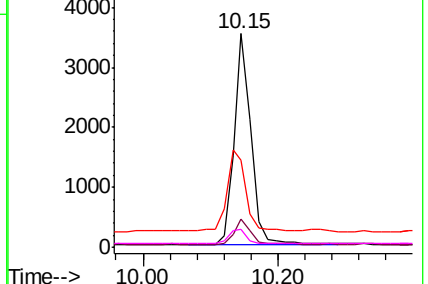
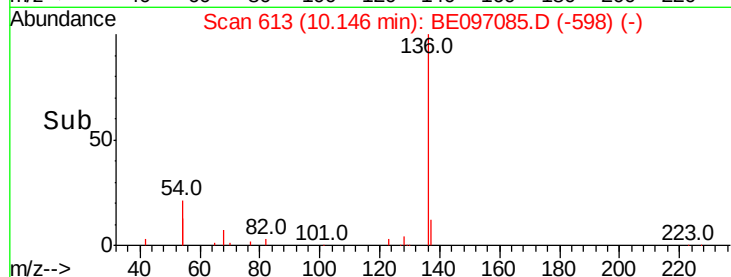


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.534 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

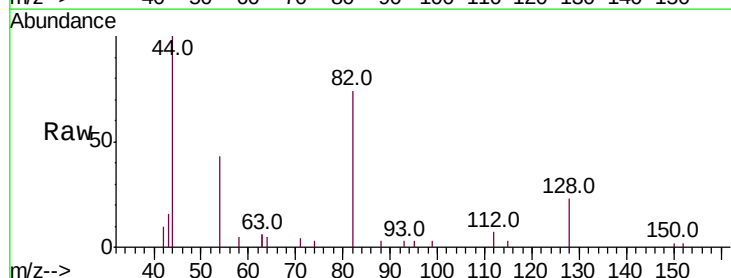
Tgt Ion: 82 Resp: 2862

Ion Ratio Lower Upper

82 100

128 31.3 24.0 36.0

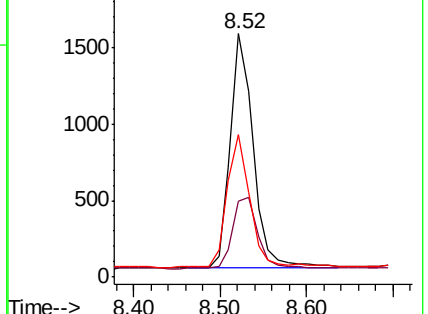
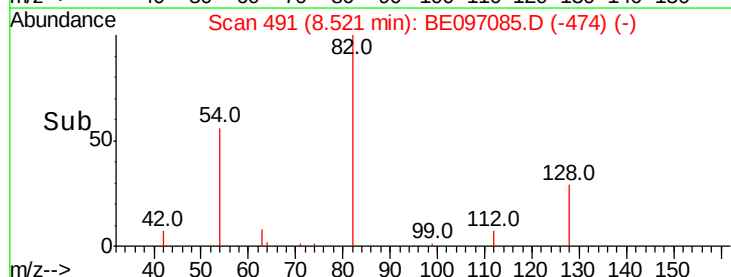
54 58.4 40.0 60.0

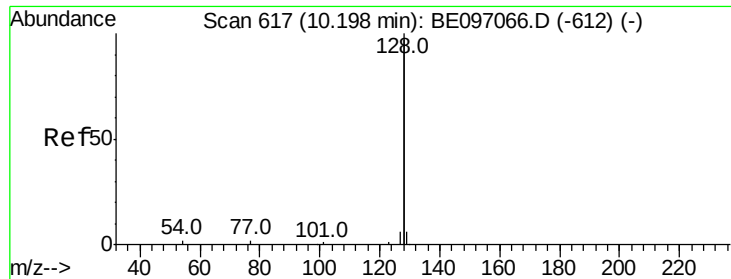


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.038 ng

RT: 10.20 min Scan# 617

Delta R.T. -0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

Instrument :

BNA_E

ClientSampleId :

RE108D1-071718

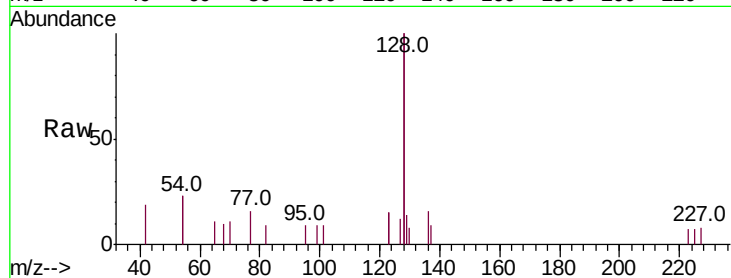
Tot Ion:128 Resp: 2123

Ion Ratio Lower Upper

128 100

129 6.8 2.6 3.8#

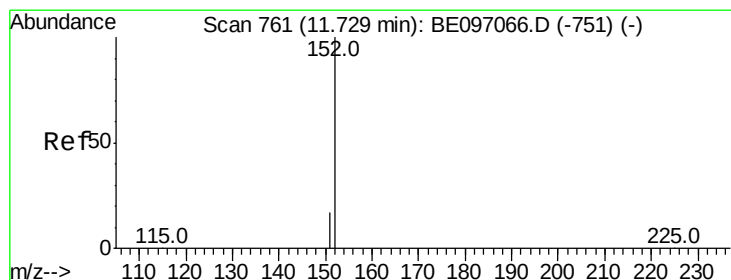
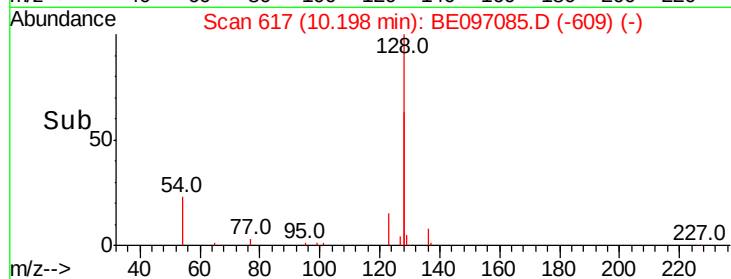
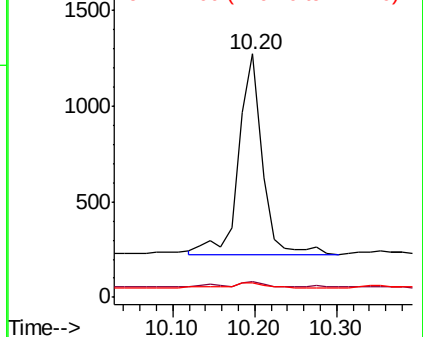
127 6.2 2.8 4.2#



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: 0.492 ng

RT: 11.73 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE097085.D

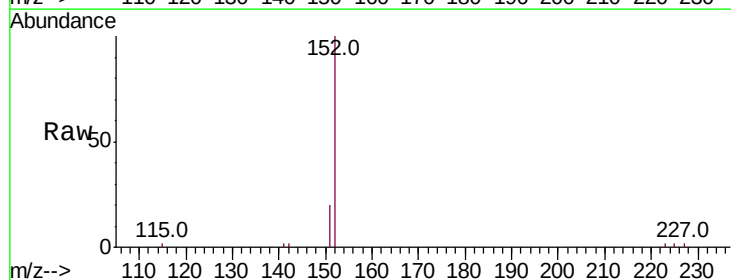
Acq: 24 Jul 2018 23:29

Tgt Ion:152 Resp: 4547

Ion Ratio Lower Upper

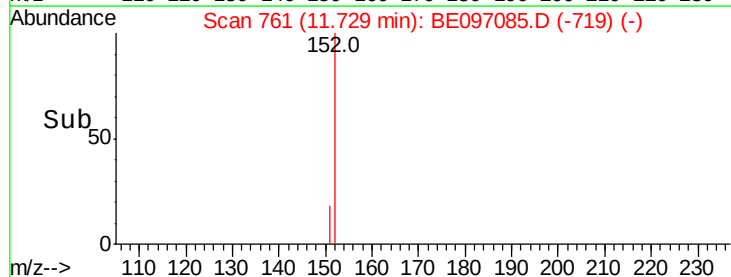
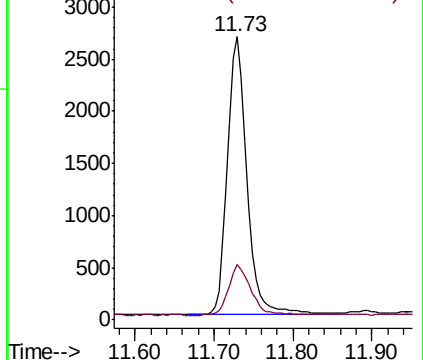
152 100

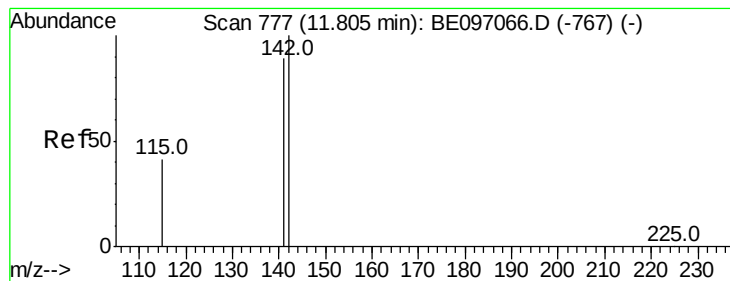
151 20.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.022 ng

RT: 11.80 min Scan# 777

Delta R.T. 0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

Instrument :

BNA_E

ClientSampleId :

RE108D1-071718

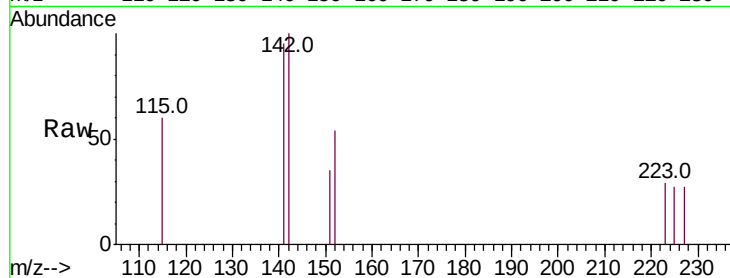
Tot Ion:142 Resp: 212

Ion Ratio Lower Upper

142 100

141 95.3 70.4 105.6

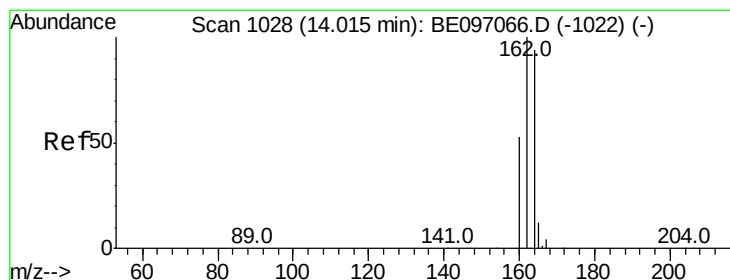
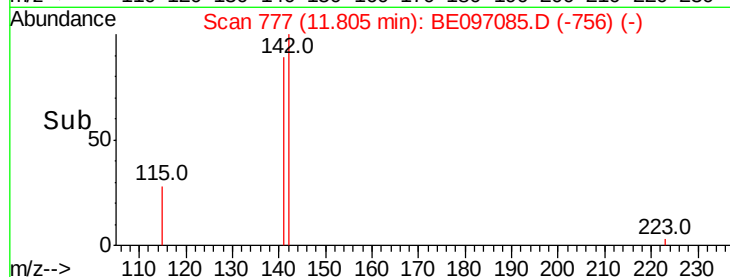
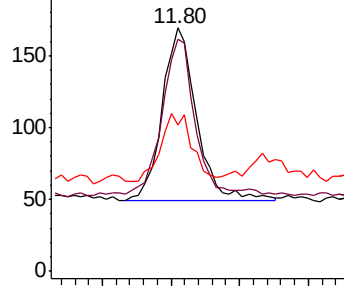
115 60.4 31.7 47.5#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

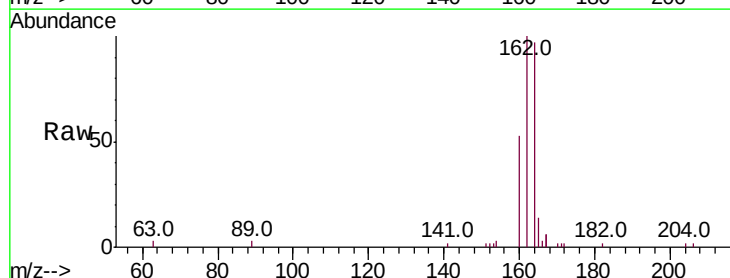
Tgt Ion:164 Resp: 3786

Ion Ratio Lower Upper

164 100

162 103.4 83.1 124.7

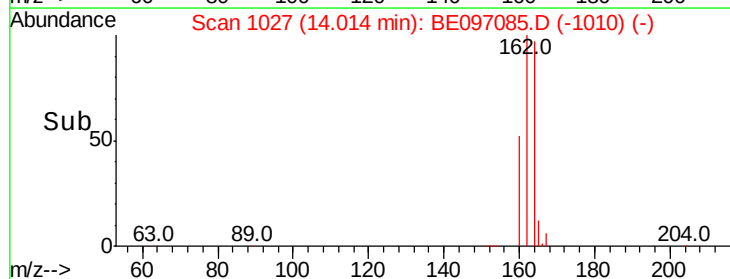
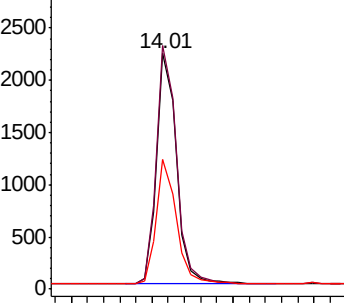
160 55.3 37.1 55.7

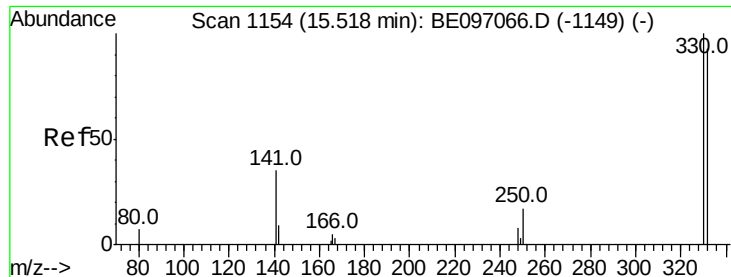


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

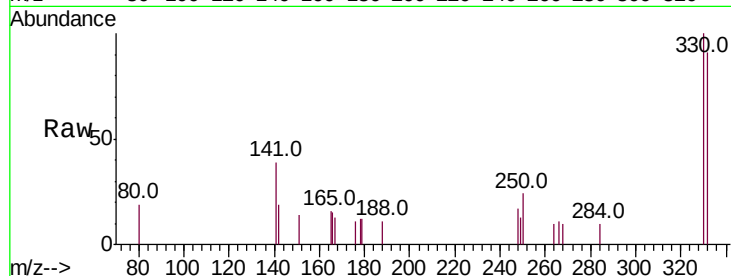




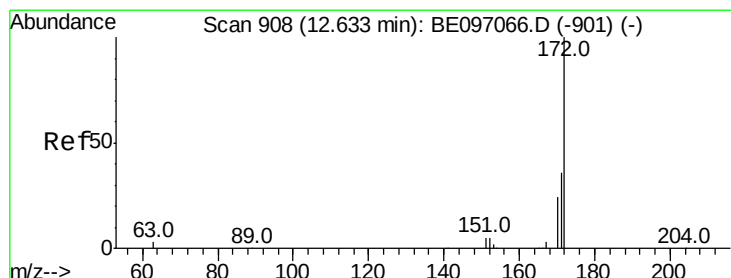
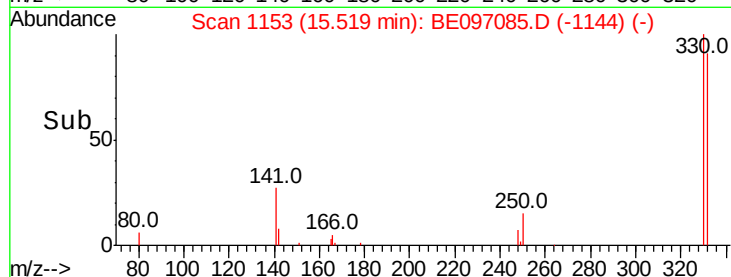
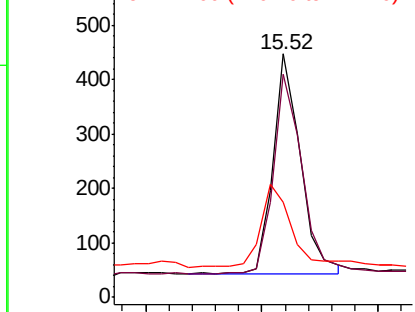
#14
 2,4,6-Tribromophenol
 Concen: 0.526 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BE097085.D
 Acq: 24 Jul 2018 23:29

Instrument :
 BNA_E
 ClientSampleId :
 RE108D1-071718

Tot Ion:330 Resp: 656
 Ion Ratio Lower Upper
 330 100
 332 94.1 152.7 229.1#
 141 40.5 33.7 50.5

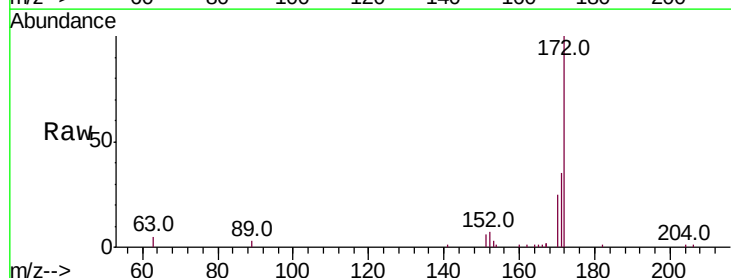


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

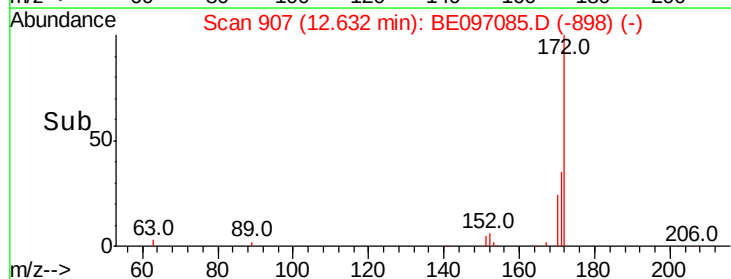
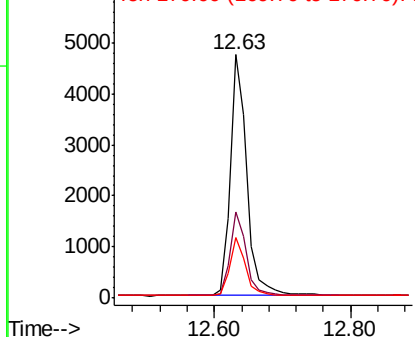


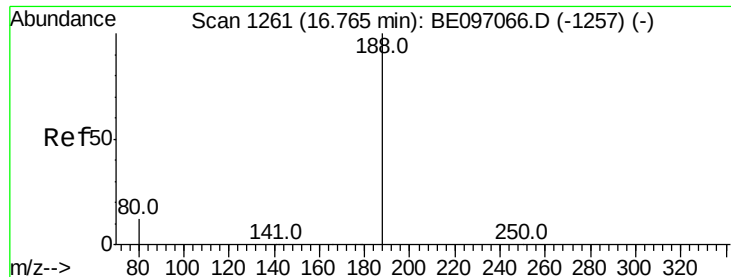
#15
 2-Fluorobiphenyl
 Concen: 0.619 ng
 RT: 12.63 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BE097085.D
 Acq: 24 Jul 2018 23:29

Tgt Ion:172 Resp: 8095
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.9 44.9
 170 24.6 21.8 32.8



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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

Instrument :

BNA_E

ClientSampleId :

RE108D1-071718

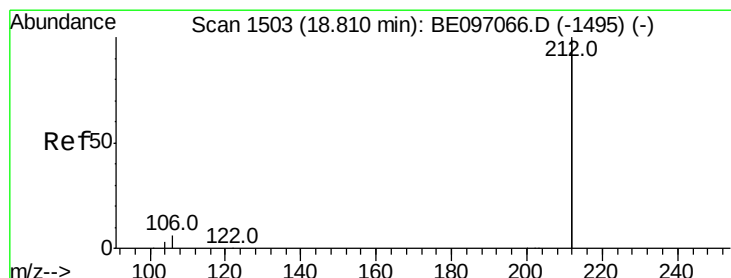
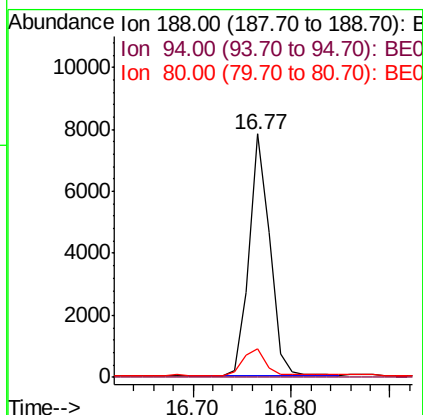
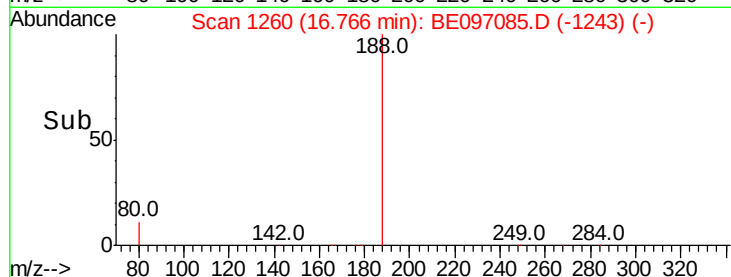
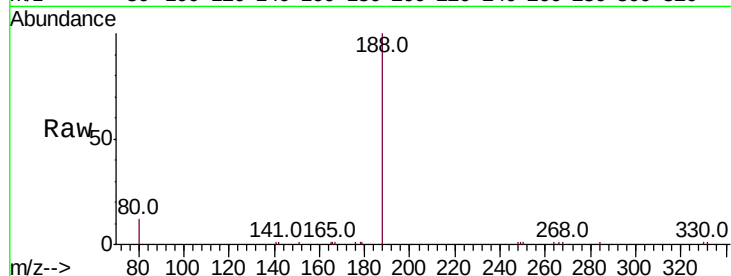
Tot Ion:188 Resp: 11424

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 11.7 3.6 5.4#



#25

Fluoranthene-d10

Concen: 0.575 ng

RT: 18.80 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

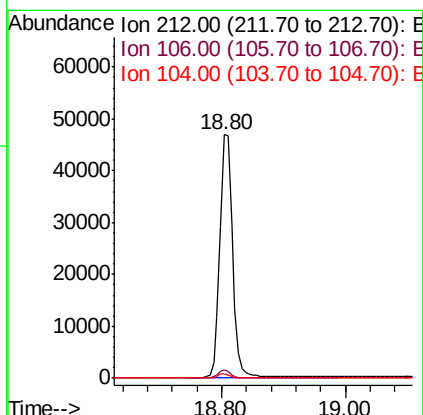
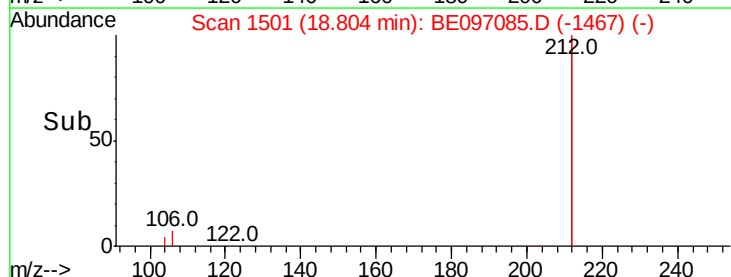
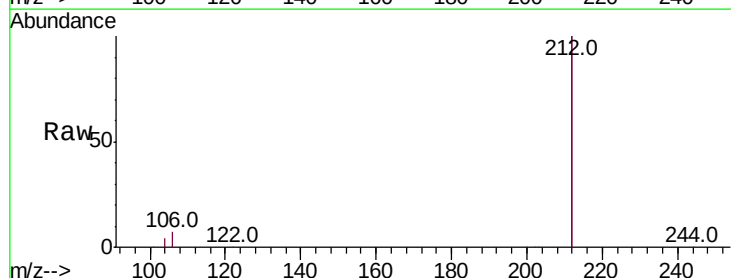
Tgt Ion:212 Resp: 65747

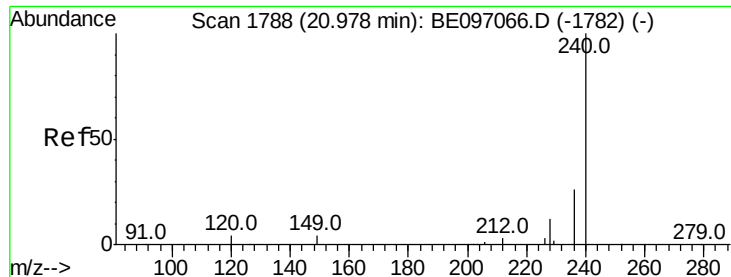
Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

104 1.7 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

Instrument :

BNA_E

ClientSampleId :

RE108D1-071718

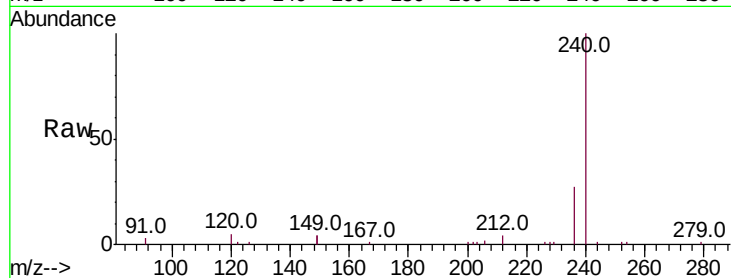
Tot Ion:240 Resp: 11037

Ion Ratio Lower Upper

240 100

120 4.8 5.5 8.3#

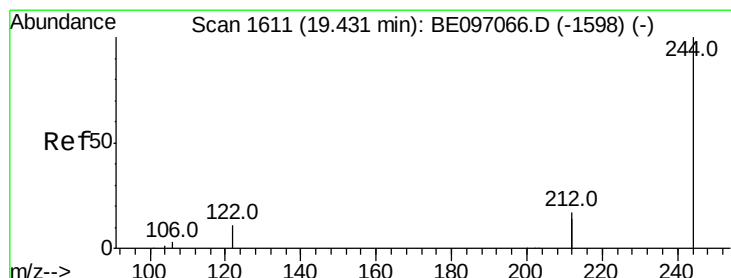
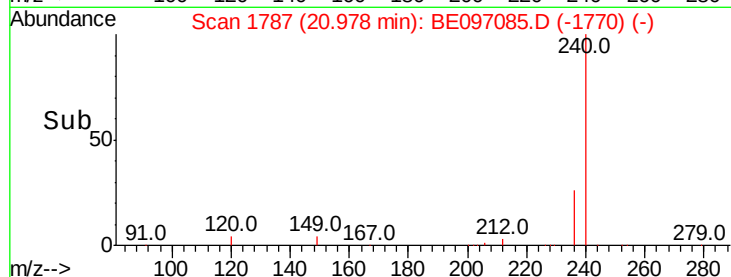
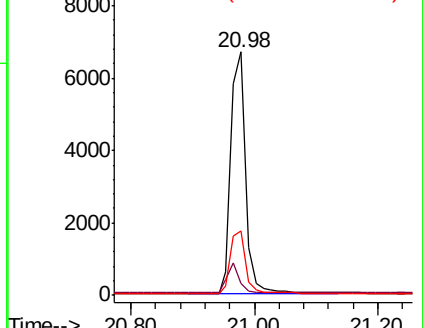
236 26.5 20.7 31.1



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: 0.643 ng

RT: 19.42 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

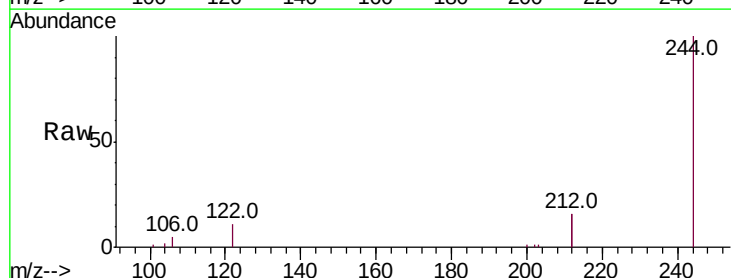
Tgt Ion:244 Resp: 13632

Ion Ratio Lower Upper

244 100

212 32.6 25.4 38.0

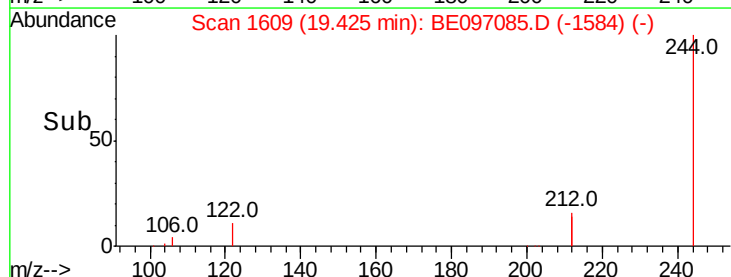
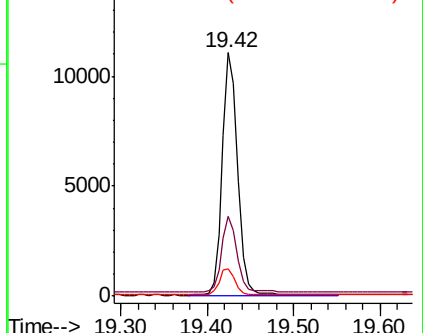
122 11.4 8.1 12.1

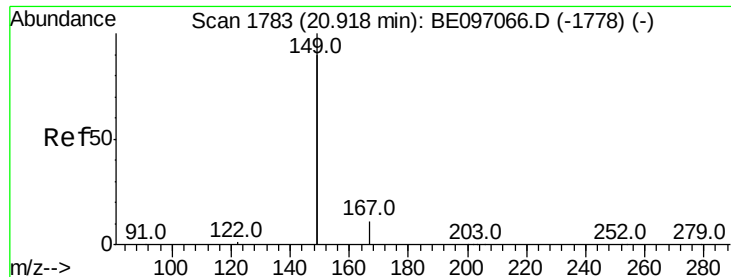


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

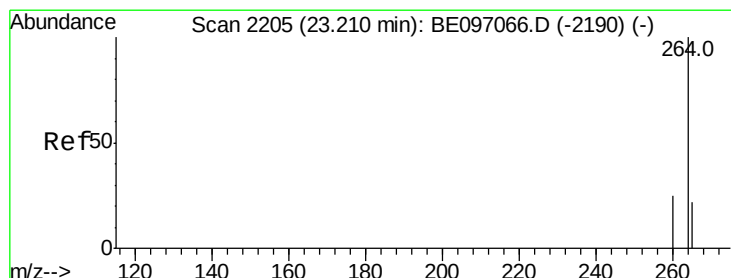
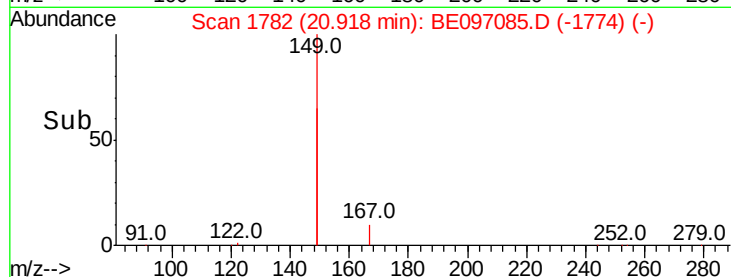
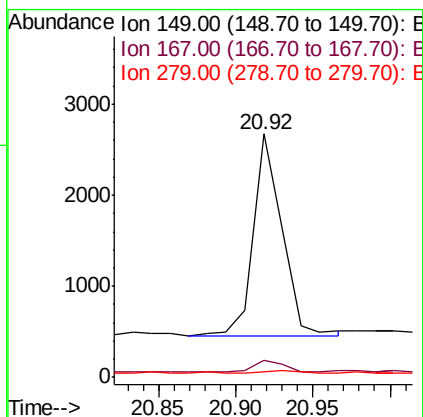
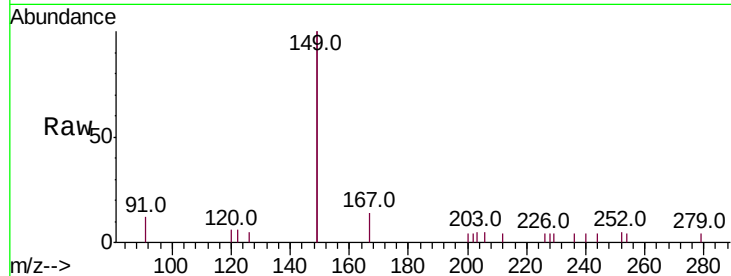




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.096 ng
 RT: 20.92 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BE097085.D
 Acq: 24 Jul 2018 23:29

Instrument :
 BNA_E
 ClientSampleId :
 RE108D1-071718

Tot Ion:149 Resp: 2930
 Ion Ratio Lower Upper
 149 100
 167 6.4 5.4 8.0
 279 1.4 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BE097085.D
 Acq: 24 Jul 2018 23:29

Tgt Ion:264 Resp: 10243
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.5 30.7
 265 24.7 22.8 34.2

