

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
 Data File : BE097084.D
 Acq On : 24 Jul 2018 22:50
 Operator : SJ/JU
 Sample : J4073-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE126D2-071718

Quant Time: Jul 25 01:11:53 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

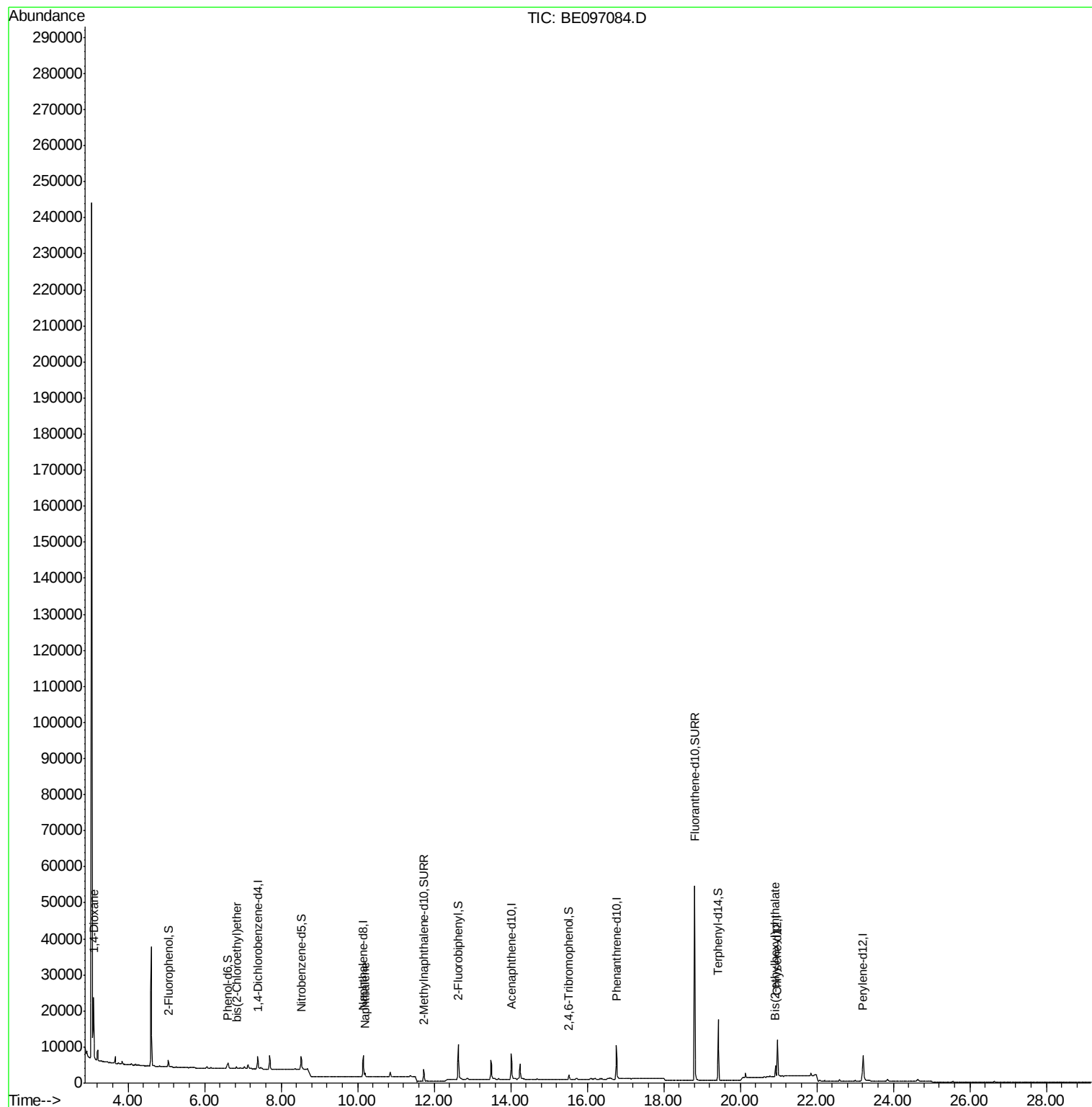
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1410	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6675	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	4164	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	12288	0.40	ng	0.00
27) Chrysene-d12	20.97	240	11542	0.40	ng	-0.01
34) Perylene-d12	23.21	264	10770	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	937	0.24	ng	0.00
5) Phenol-d6	6.60	99	798	0.14	ng	0.00
8) Nitrobenzene-d5	8.52	82	3179	0.55	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	5014	0.50	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	756	0.55	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	9026	0.63	ng	0.00
25) Fluoranthene-d10	18.81	212	71822	0.58	ng	0.00
29) Terphenyl-d14	19.42	244	14898	0.67	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.10	88	8093	3.612	ng	Qvalue # 89
6) bis(2-Chloroethyl)ether	6.84	93	159	0.030	ng	81
9) Naphthalene	10.20	128	1564	0.026	ng	# 88
32) Bis(2-ethylhexyl)phthalate	20.92	149	3821	0.123	ng	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
Data File : BE097084.D
Acq On : 24 Jul 2018 22:50
Operator : SJ/JU
Sample : J4073-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE126D2-071718

Quant Time: Jul 25 01:11:53 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



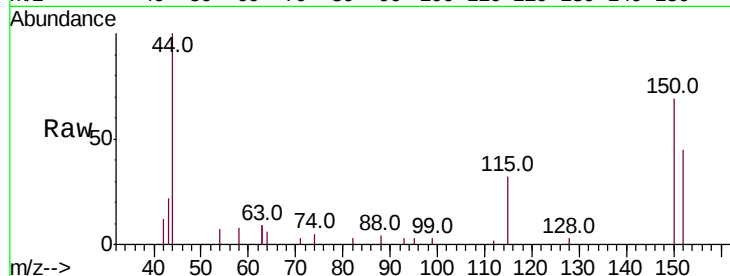


#1

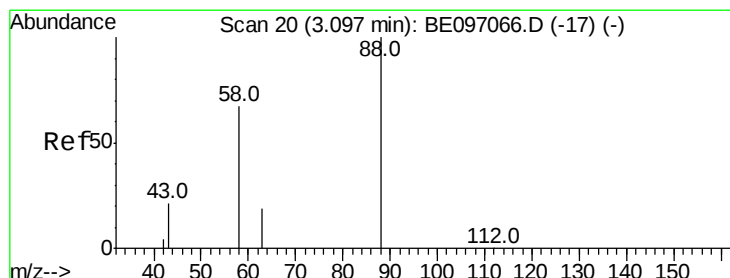
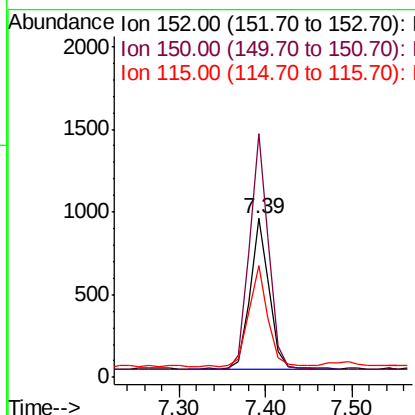
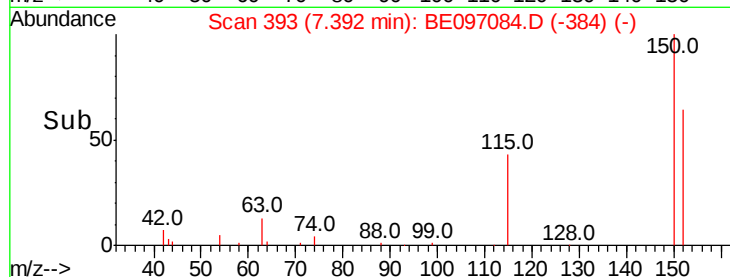
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Instrument :
BNA_E
ClientSampleId :
RE126D2-071718

Tot Ion:152 Resp: 1410
Ion Ratio Lower Upper
152 100
150 153.2 117.2 175.8
115 70.1 57.0 85.6



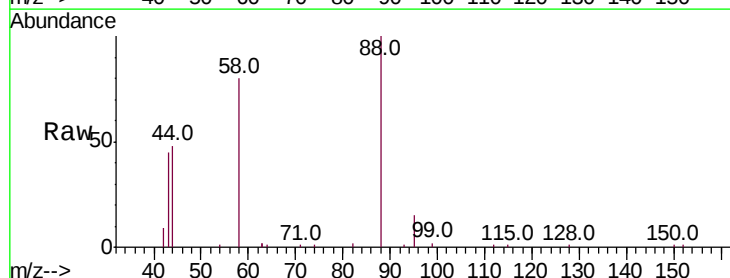
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



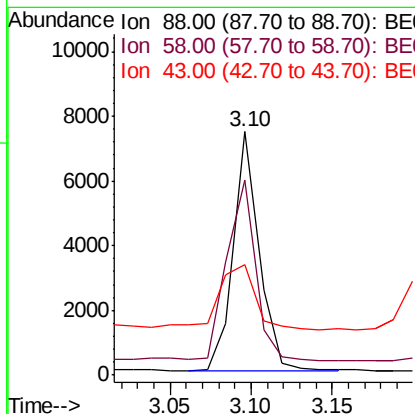
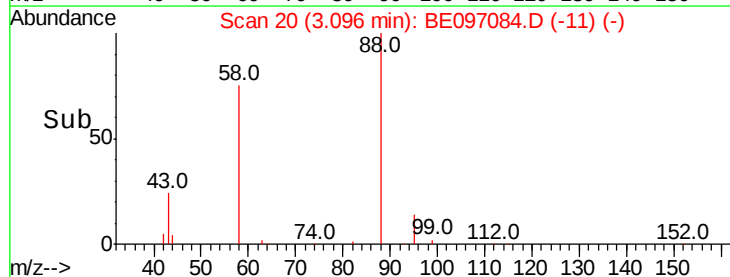
#2

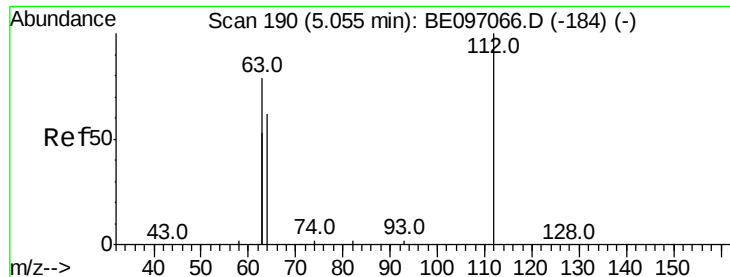
1,4-Dioxane
Concen: 3.612 ng
RT: 3.10 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Tgt Ion: 88 Resp: 8093
Ion Ratio Lower Upper
88 100
58 83.8 63.2 94.8
43 38.6 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: 0.236 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097084.D

Acq: 24 Jul 2018 22:50

Instrument :

BNA_E

ClientSampleId :

RE126D2-071718

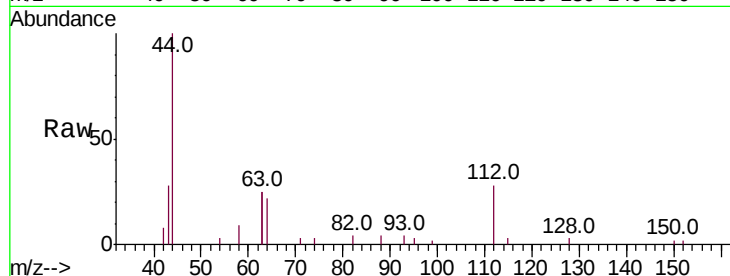
Tot Ion:112 Resp: 937

Ion Ratio Lower Upper

112 100

64 70.4 60.1 90.1

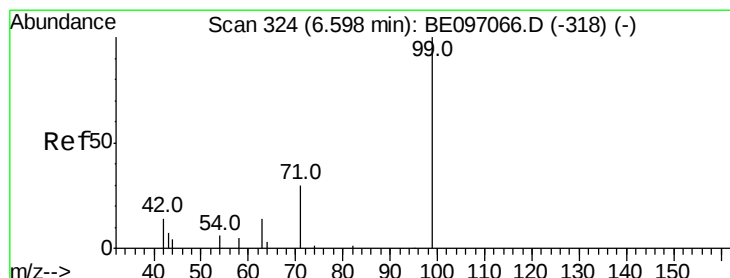
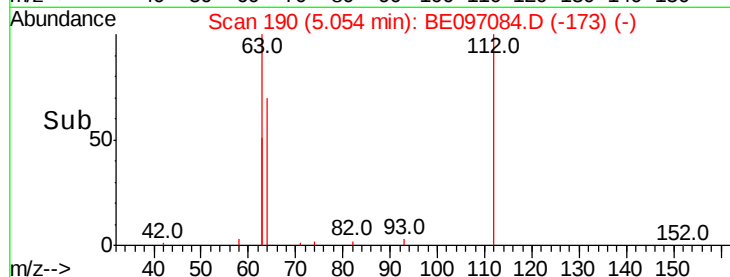
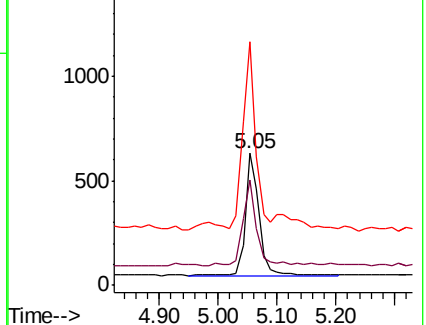
63 142.6 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): BE097066.D (-184) (-)

Ion 64.00 (63.70 to 64.70): BE097066.D (-184) (-)

Ion 63.00 (62.70 to 63.70): BE097066.D (-184) (-)



#5

Phenol-d6

Concen: 0.137 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097084.D

Acq: 24 Jul 2018 22:50

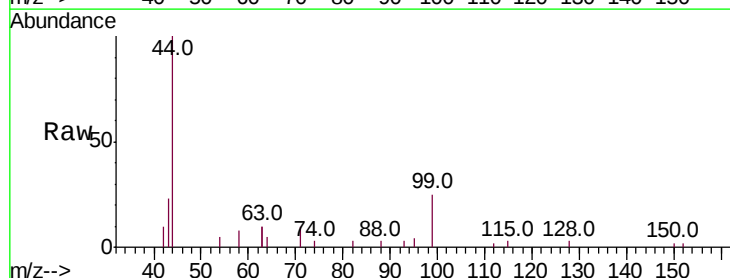
Tgt Ion: 99 Resp: 798

Ion Ratio Lower Upper

99 100

42 34.8 20.2 30.2#

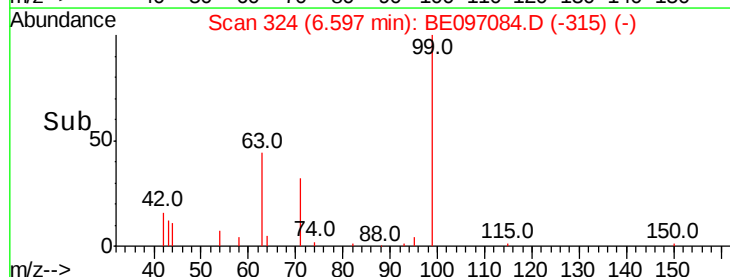
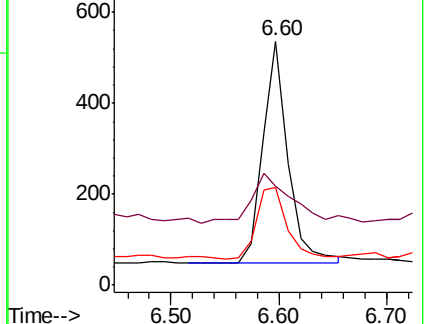
71 38.8 28.4 42.6

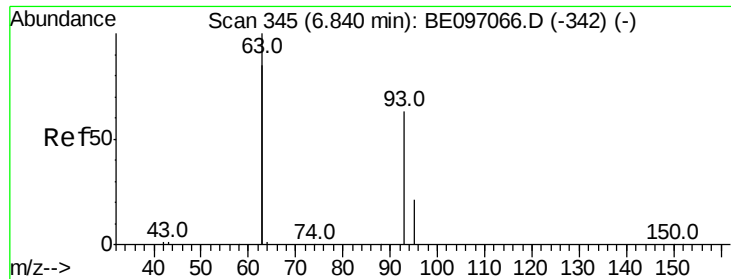


Abundance Ion 99.00 (98.70 to 99.70): BE097066.D (-318) (-)

Ion 42.00 (41.70 to 42.70): BE097066.D (-318) (-)

Ion 71.00 (70.70 to 71.70): BE097066.D (-318) (-)





#6

bis(2-Chloroethyl)ether

Concen: 0.030 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097084.D

Acq: 24 Jul 2018 22:50

Instrument :

BNA_E

ClientSampleId :

RE126D2-071718

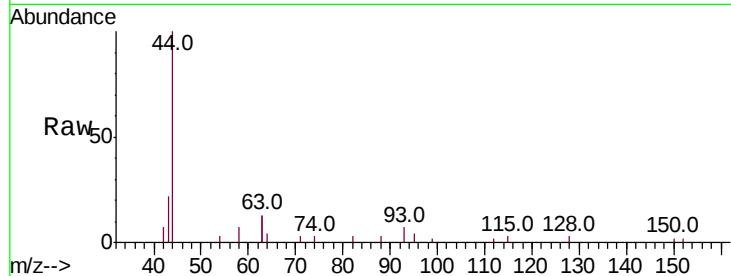
Tot Ion: 93 Resp: 159

Ion Ratio Lower Upper

93 100

63 302.5 275.3 412.9

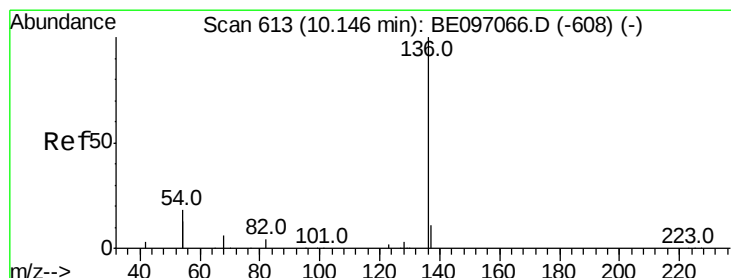
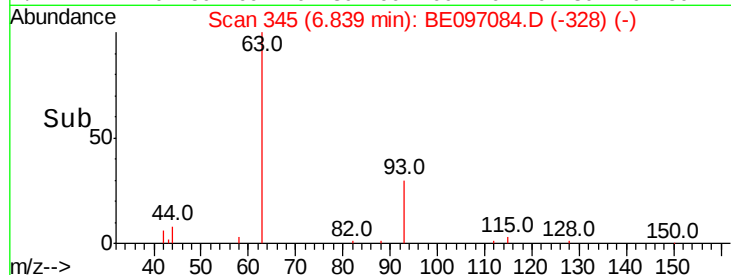
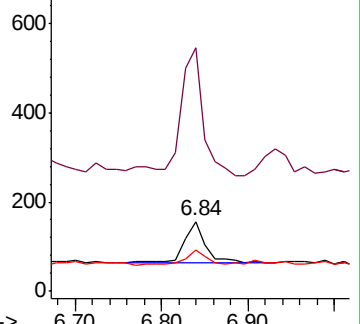
95 37.1 25.2 37.8



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# 613

Delta R.T. 0.00 min

Lab File: BE097084.D

Acq: 24 Jul 2018 22:50

Tgt Ion:136 Resp: 6675

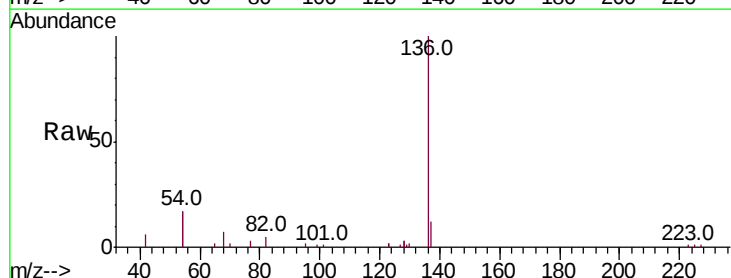
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 34.3 29.1 43.7

68 7.1 6.2 9.2

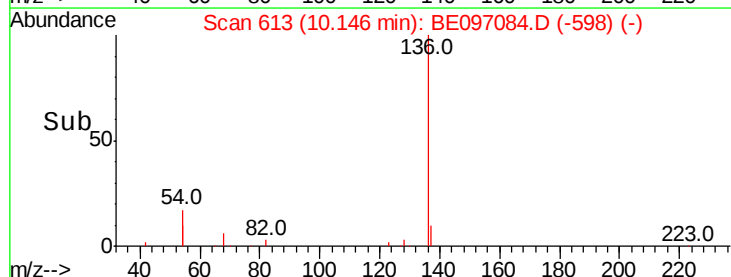
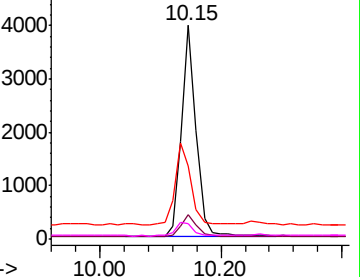


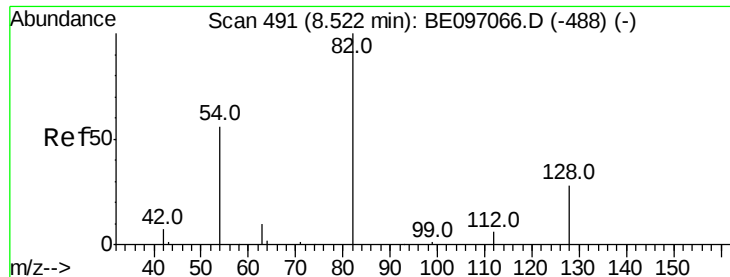
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.548 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097084.D

Acq: 24 Jul 2018 22:50

Instrument :

BNA_E

ClientSampleId :

RE126D2-071718

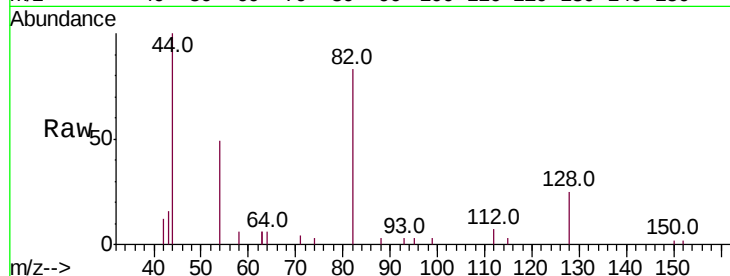
Tot Ion: 82 Resp: 3179

Ion Ratio Lower Upper

82 100

128 29.8 24.0 36.0

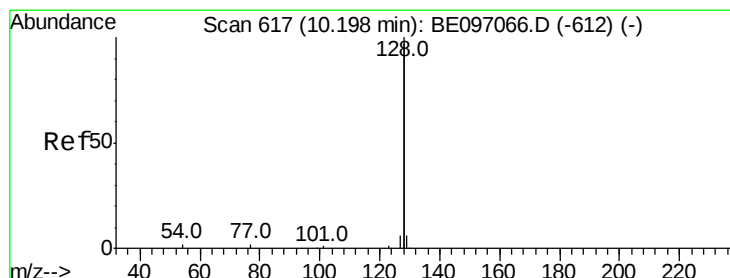
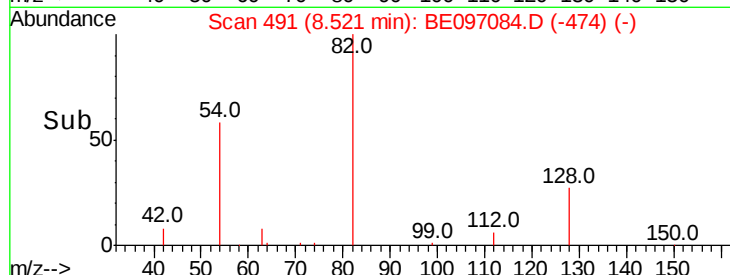
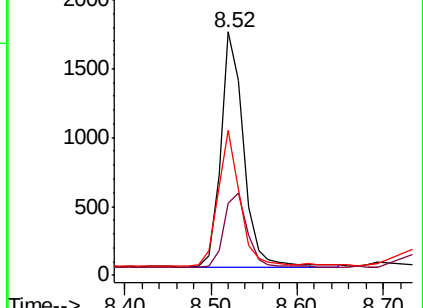
54 59.4 40.0 60.0



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



#9

Naphthalene

Concen: 0.026 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE097084.D

Acq: 24 Jul 2018 22:50

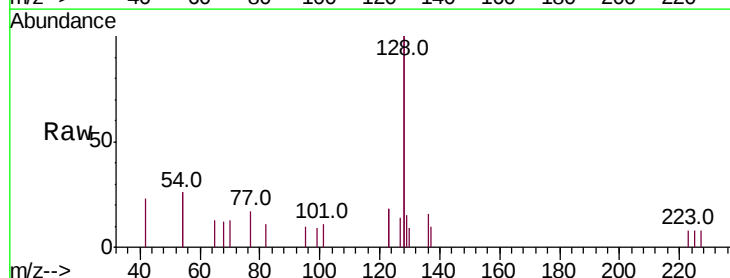
Tgt Ion:128 Resp: 1564

Ion Ratio Lower Upper

128 100

129 7.6 2.6 3.8#

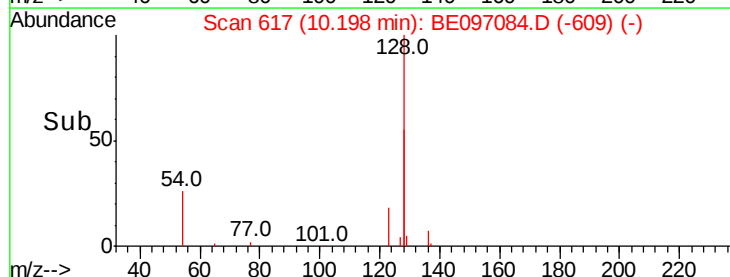
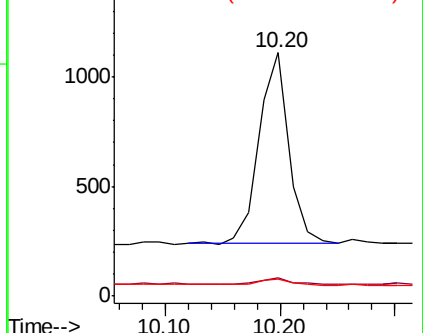
127 6.8 2.8 4.2#

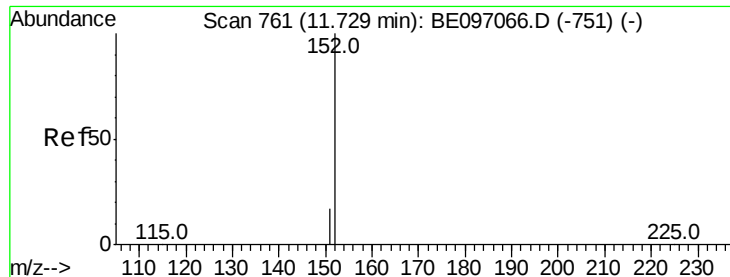


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

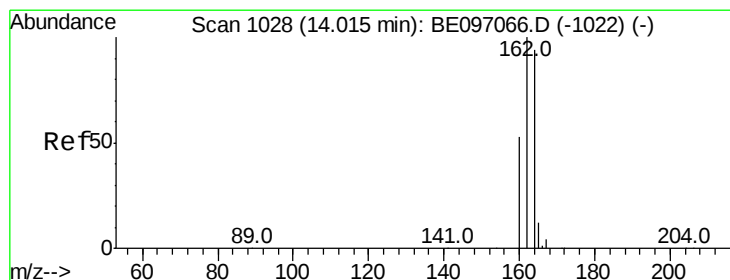
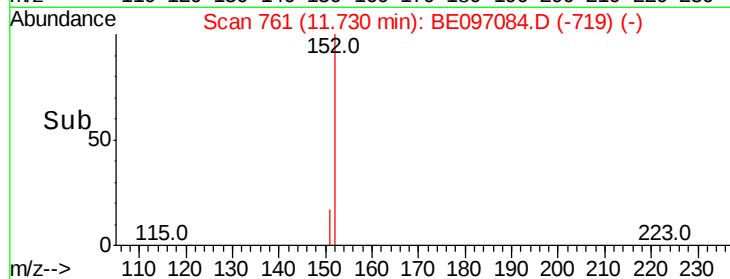
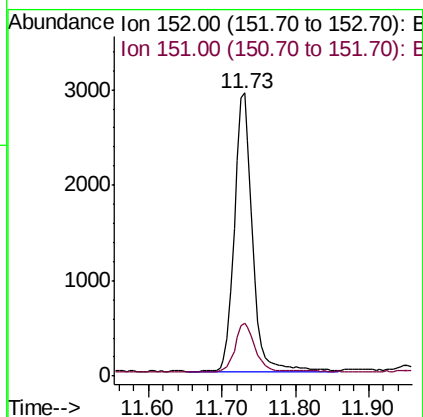
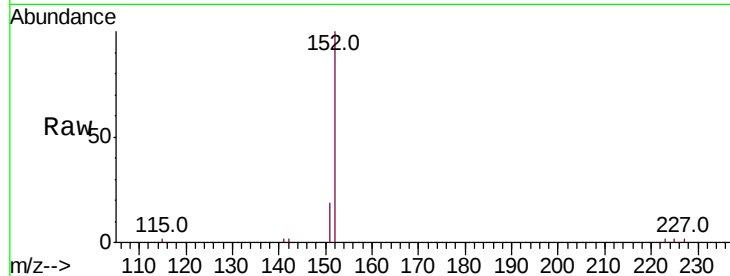




#11
2-Methylnaphthalene-d10
Concen: 0.502 ng
RT: 11.73 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

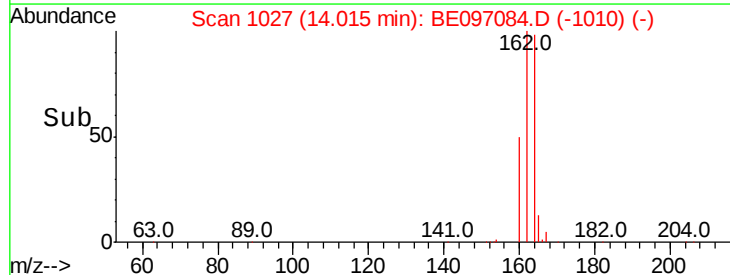
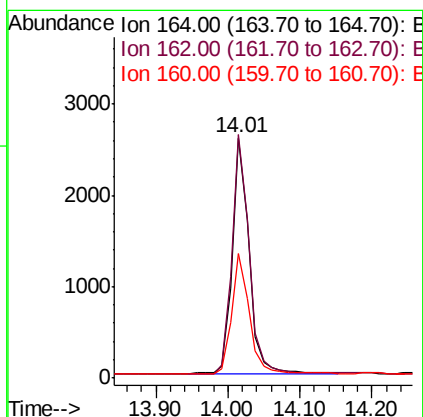
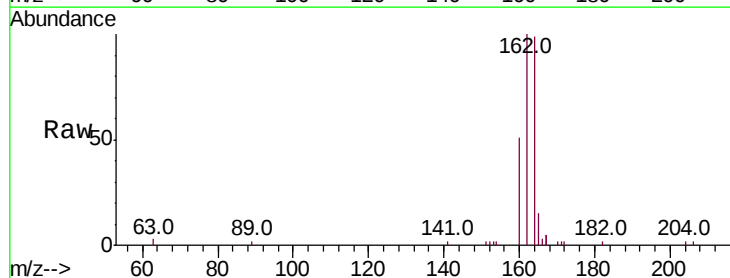
Instrument :
BNA_E
ClientSampleId :
RE126D2-071718

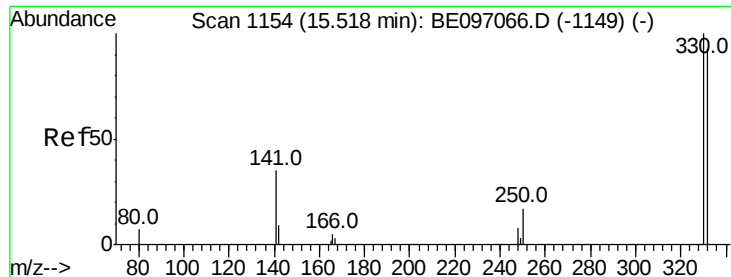
Tot Ion:152 Resp: 5014
Ion Ratio Lower Upper
152 100
151 18.6 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Tgt Ion:164 Resp: 4164
Ion Ratio Lower Upper
164 100
162 101.4 83.1 124.7
160 51.8 37.1 55.7





#14

2,4,6-Tribromophenol

Concen: 0.552 ng

RT: 15.52 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE097084.D

Acq: 24 Jul 2018 22:50

Instrument :

BNA_E

ClientSampleId :

RE126D2-071718

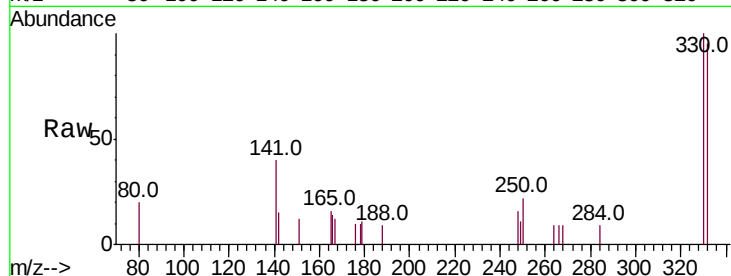
Tot Ion:330 Resp: 756

Ion Ratio Lower Upper

330 100

332 95.0 152.7 229.1#

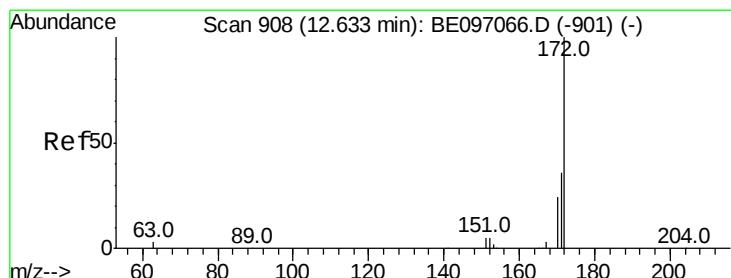
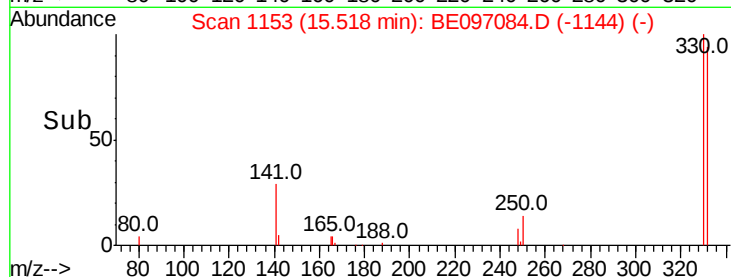
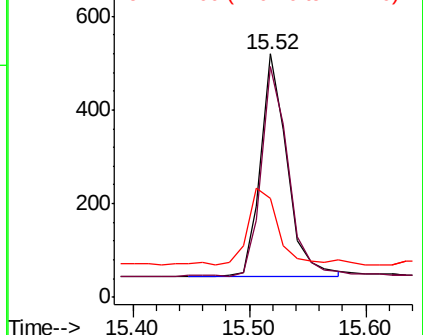
141 37.7 33.7 50.5



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: 0.628 ng

RT: 12.63 min Scan# 907

Delta R.T. -0.00 min

Lab File: BE097084.D

Acq: 24 Jul 2018 22:50

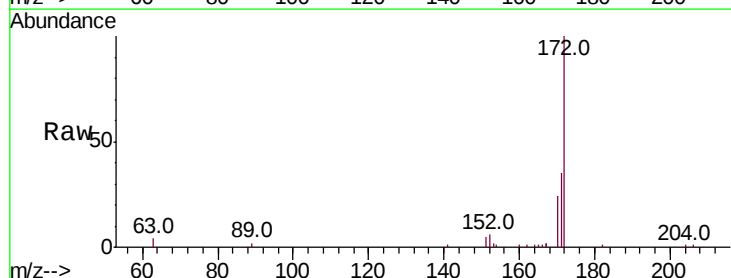
Tgt Ion:172 Resp: 9026

Ion Ratio Lower Upper

172 100

171 35.3 29.9 44.9

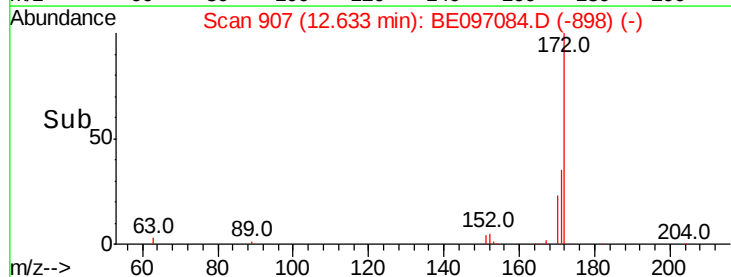
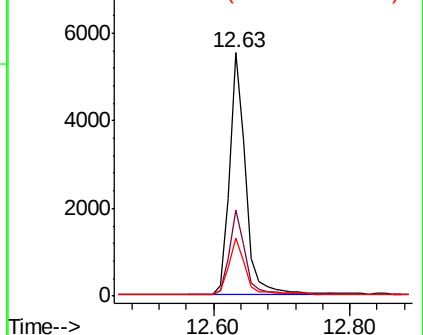
170 23.9 21.8 32.8

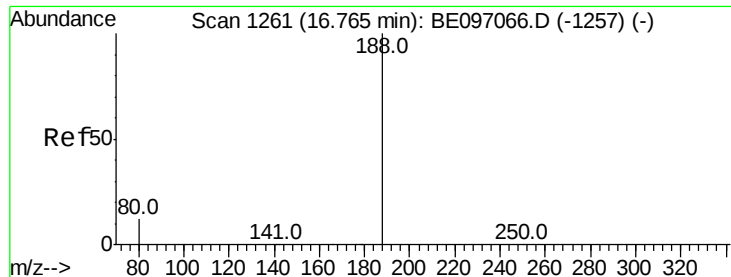


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

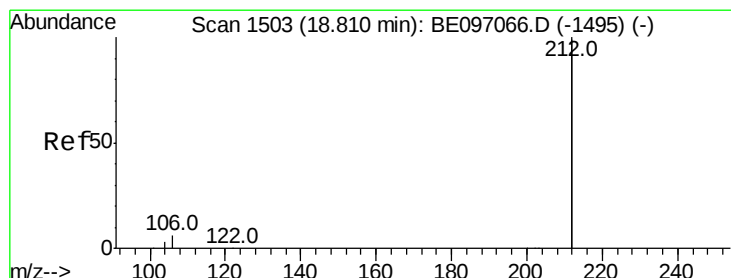
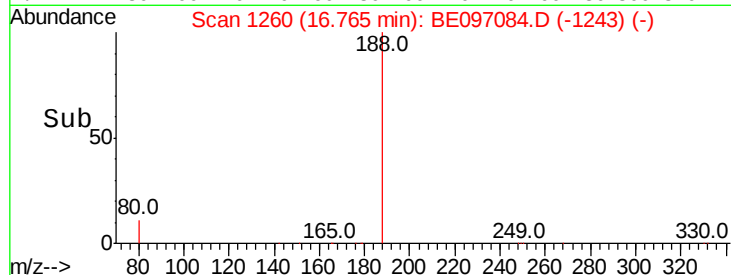
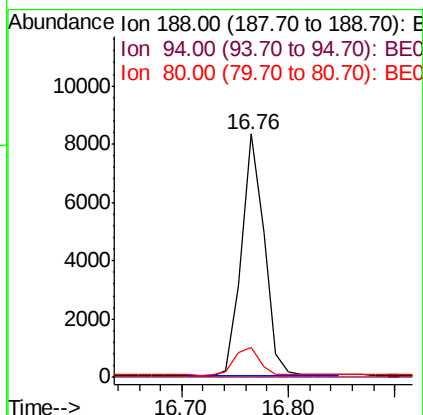
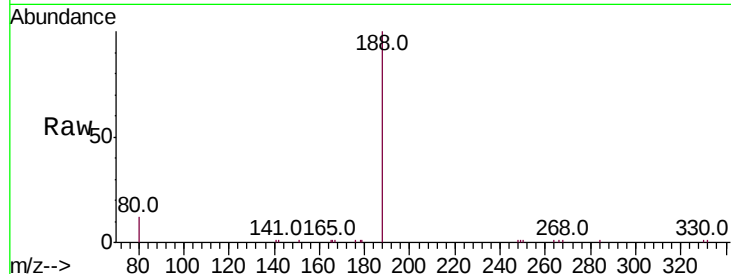




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

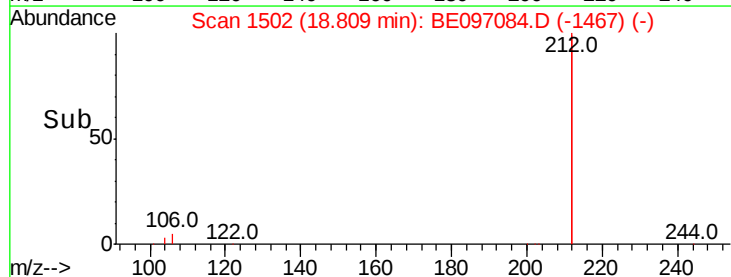
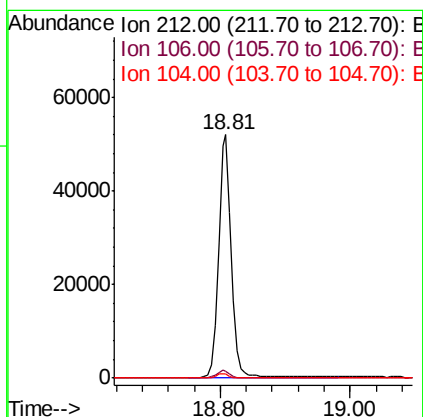
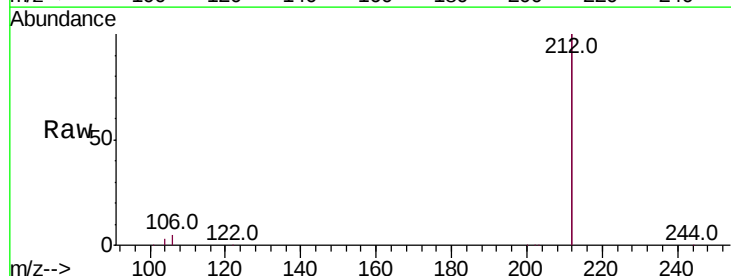
Instrument :
BNA_E
ClientSampleId :
RE126D2-071718

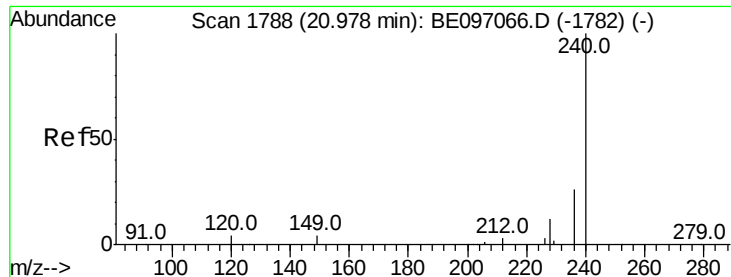
Tot Ion:188 Resp: 12288
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 12.1 3.6 5.4#



#25
Fluoranthene-d10
Concen: 0.584 ng
RT: 18.81 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Tgt Ion:212 Resp: 71822
Ion Ratio Lower Upper
212 100
106 3.0 2.8 4.2
104 1.7 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BE097084.D

Acq: 24 Jul 2018 22:50

Instrument :

BNA_E

ClientSampleId :

RE126D2-071718

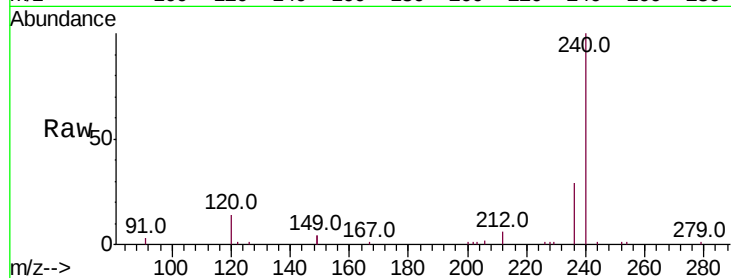
Tot Ion:240 Resp: 11542

Ion Ratio Lower Upper

240 100

120 13.9 5.5 8.3#

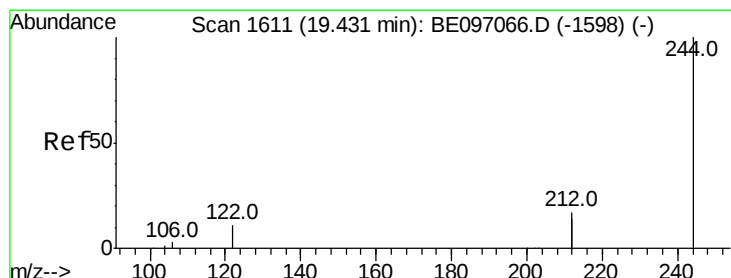
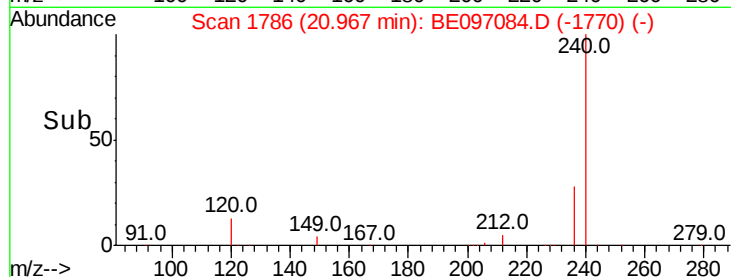
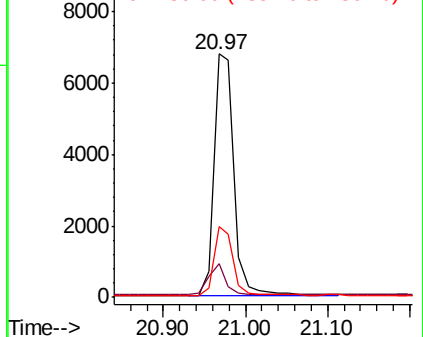
236 28.8 20.7 31.1



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: 0.672 ng

RT: 19.42 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BE097084.D

Acq: 24 Jul 2018 22:50

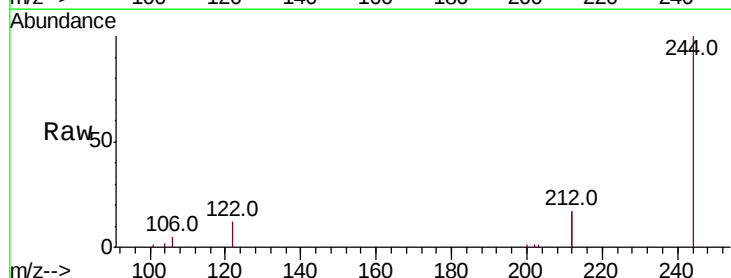
Tgt Ion:244 Resp: 14898

Ion Ratio Lower Upper

244 100

212 33.5 25.4 38.0

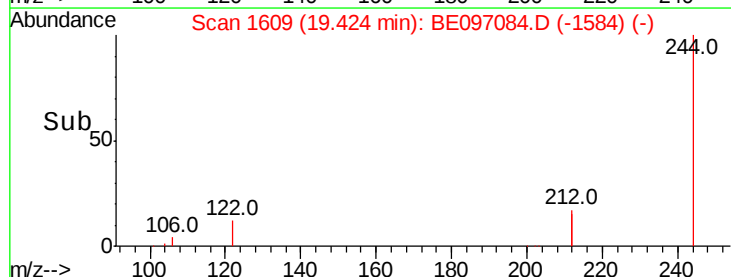
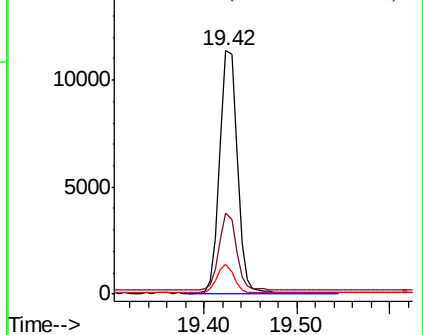
122 12.4 8.1 12.1#

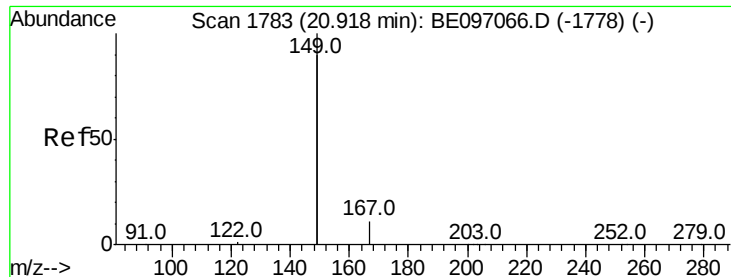


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

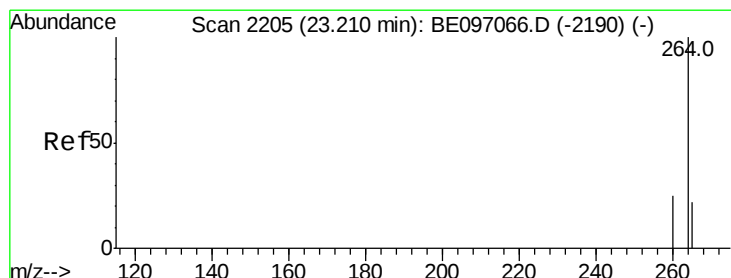
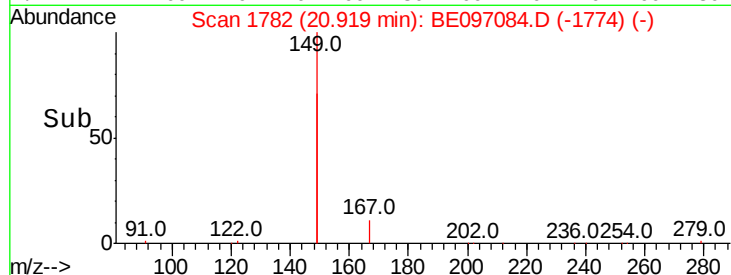
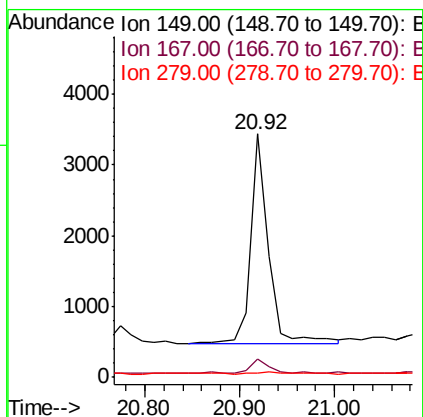
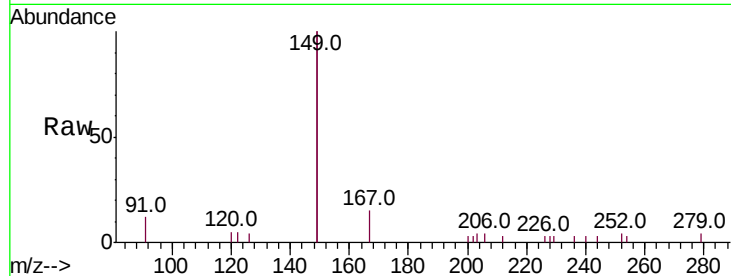




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.123 ng
 RT: 20.92 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BE097084.D
 Acq: 24 Jul 2018 22:50

Instrument :
 BNA_E
 ClientSampleId :
 RE126D2-071718

Tot Ion:149 Resp: 3821
 Ion Ratio Lower Upper
 149 100
 167 6.3 5.4 8.0
 279 1.0 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: BE097084.D
 Acq: 24 Jul 2018 22:50

Tgt Ion:264 Resp: 10770
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.5 30.7
 265 25.2 22.8 34.2

