

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072318\
 Data File : BE097061.D
 Acq On : 24 Jul 2018 6:58
 Operator : SJ/JU
 Sample : J4073-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE109D2-071618

Quant Time: Jul 24 08:05:22 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

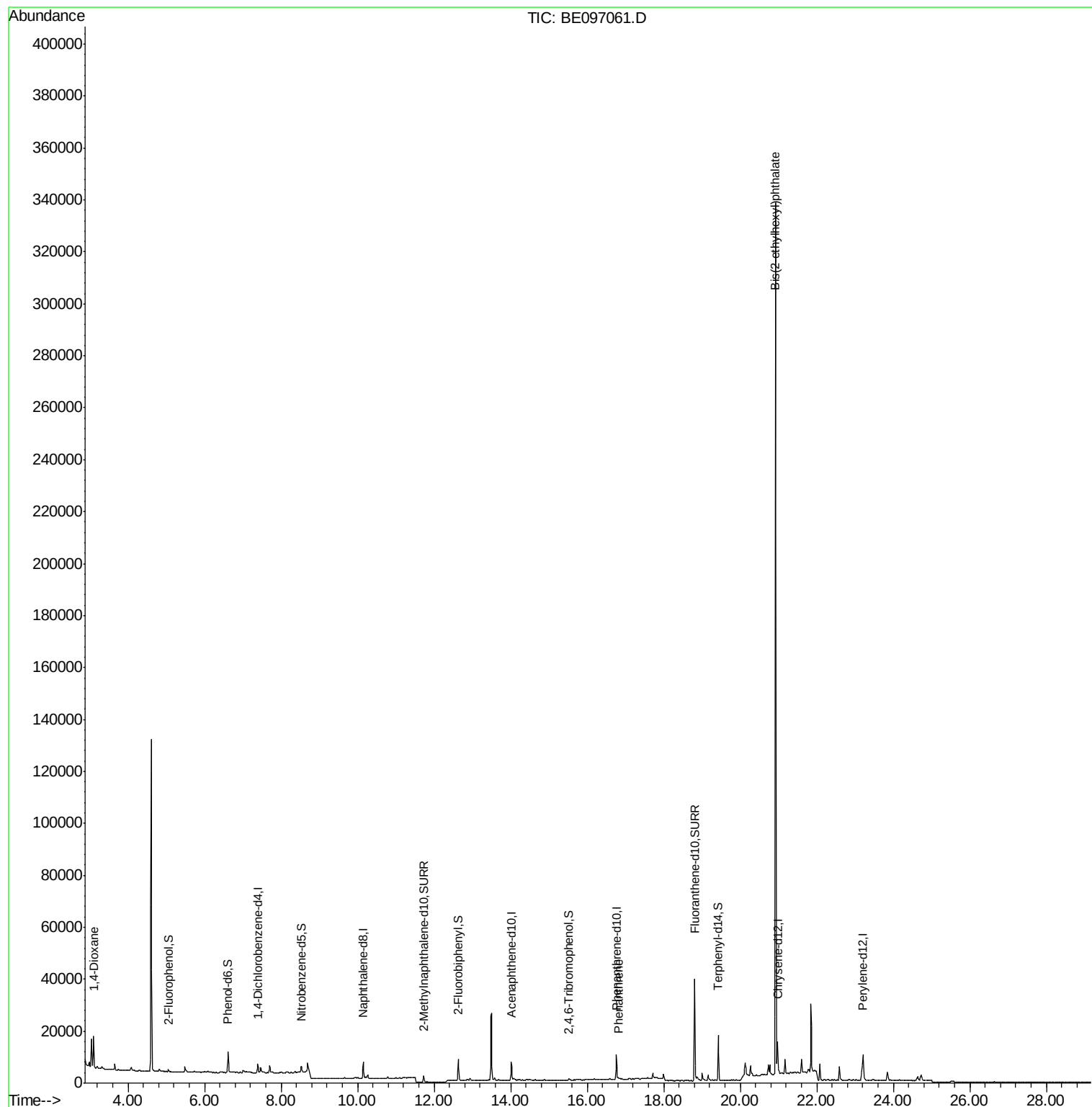
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1361	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6679	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	4019	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	12208	0.40	ng	0.00
27) Chrysene-d12	20.98	240	13914	0.40	ng	0.00
34) Perylene-d12	23.21	264	13647	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	386	0.12	ng	0.00
5) Phenol-d6	6.60	99	373	0.08	ng	0.00
8) Nitrobenzene-d5	8.52	82	2136	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3417	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	369	0.42	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	6720	0.45	ng	0.00
25) Fluoranthene-d10	18.81	212	52971	0.50	ng	0.00
29) Terphenyl-d14	19.43	244	14950	0.56	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.10	88	6591	3.383	ng	# 90
23) Phenanthrene	16.81	178	696	0.024	ng	# 81
32) Bis(2-ethylhexyl)phthalate	20.92	149	398279	12.042	ng	100

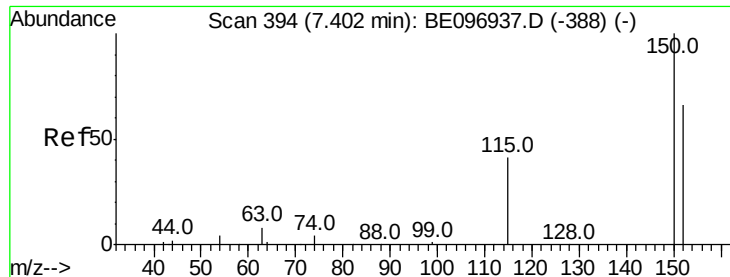
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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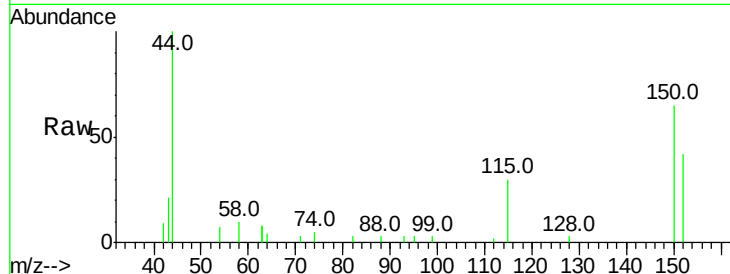


#1

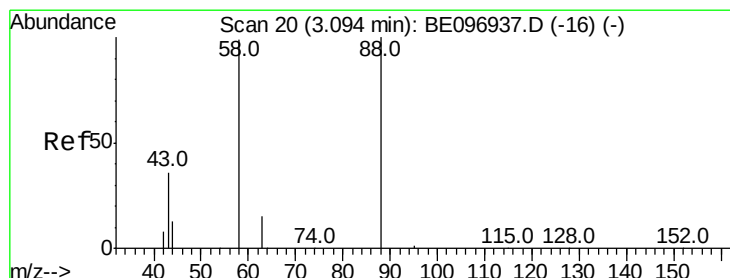
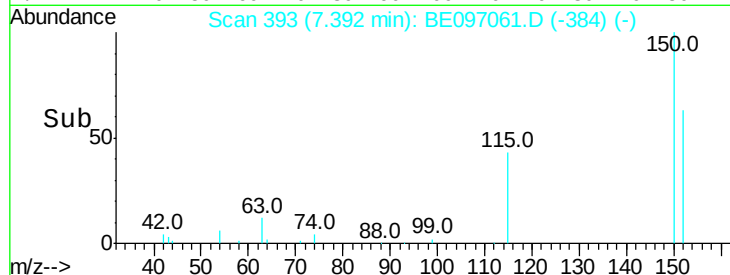
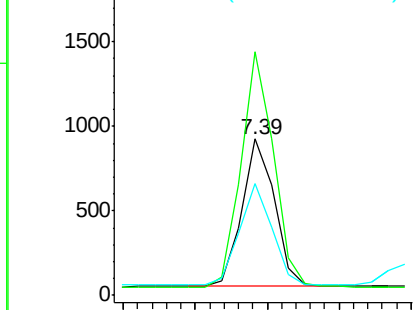
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097061.D
Acq: 24 Jul 2018 6:58

Instrument :
BNA_E
ClientSampleId :
RE109D2-071618

Tot Ion:152 Resp: 1361
Ion Ratio Lower Upper
152 100
150 156.1 117.2 175.8
115 71.5 57.0 85.6



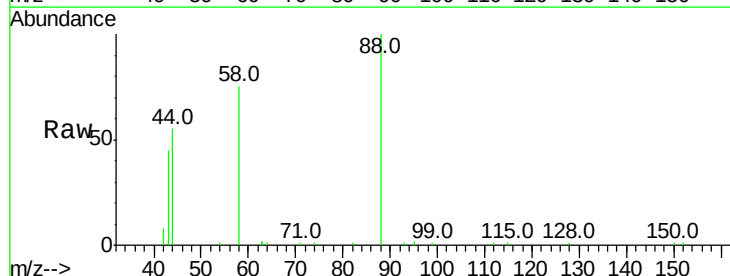
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



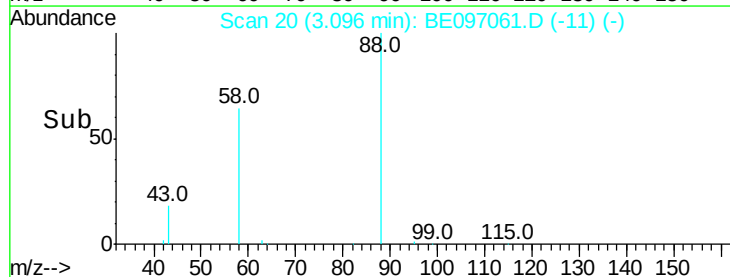
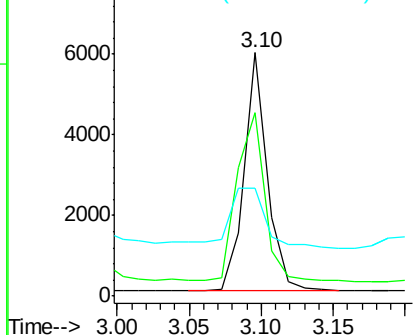
#2

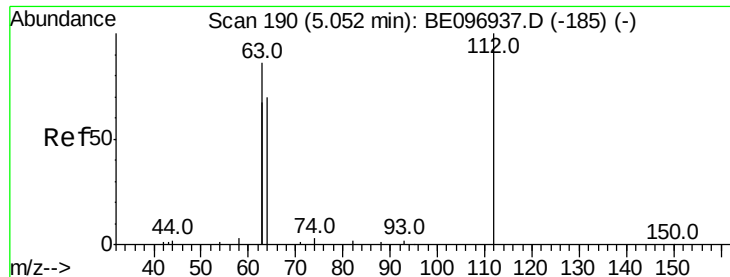
1,4-Dioxane
Concen: 3.383 ng
RT: 3.10 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097061.D
Acq: 24 Jul 2018 6:58

Tgt Ion: 88 Resp: 6591
Ion Ratio Lower Upper
88 100
58 83.0 63.2 94.8
43 39.5 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: 0.119 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097061.D

Acq: 24 Jul 2018 6:58

Instrument :

BNA_E

ClientSampleId :

RE109D2-071618

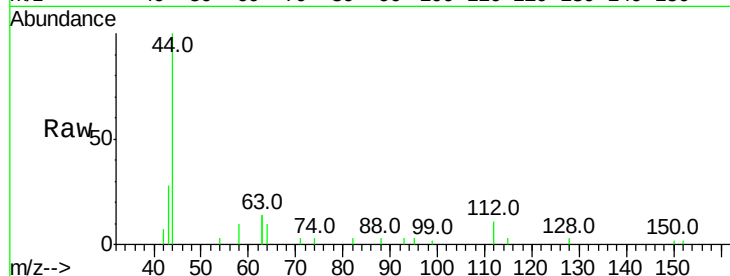
Tot Ion: 112 Resp: 386

Ion Ratio Lower Upper

112 100

64 67.6 60.1 90.1

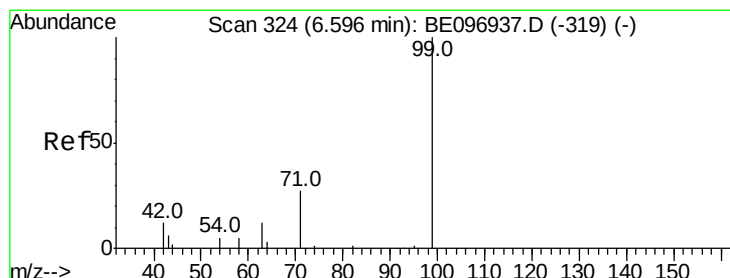
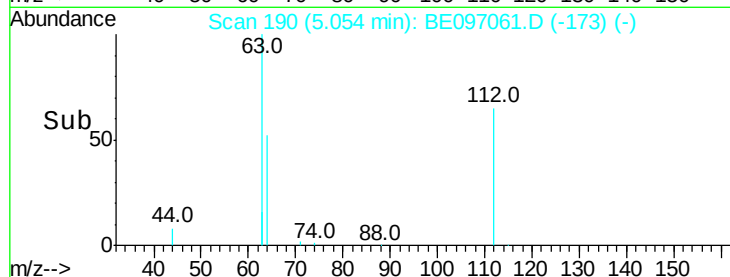
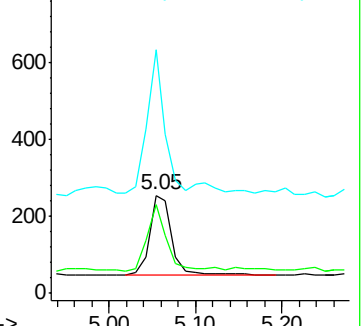
63 134.2 116.8 175.2



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: 0.075 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097061.D

Acq: 24 Jul 2018 6:58

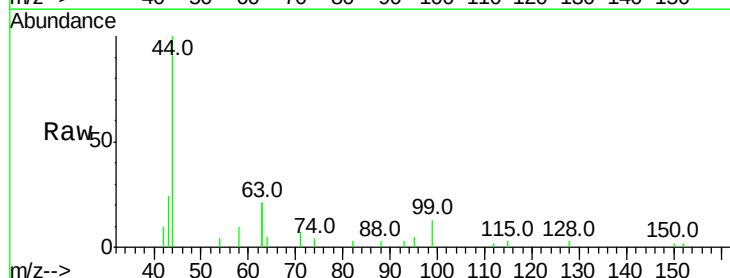
Tgt Ion: 99 Resp: 373

Ion Ratio Lower Upper

99 100

42 109.4 20.2 30.2#

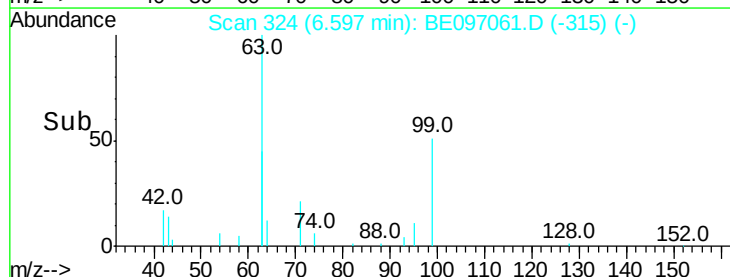
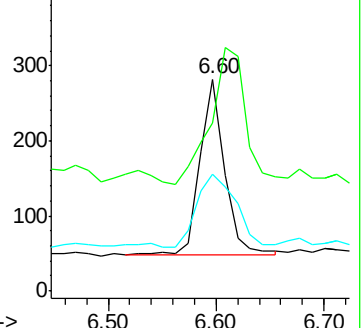
71 66.2 28.4 42.6#

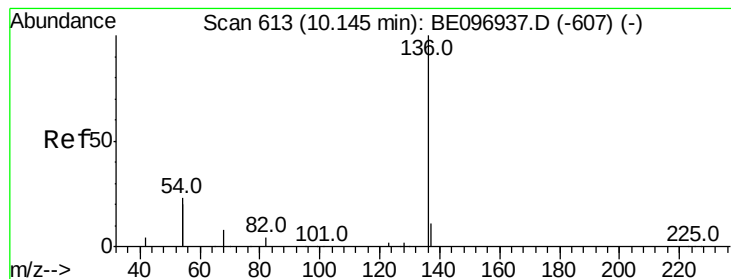


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE097061.D

Acq: 24 Jul 2018 6:58

Instrument :

BNA_E

ClientSampleId :

RE109D2-071618

Tot Ion:136 Resp: 6679

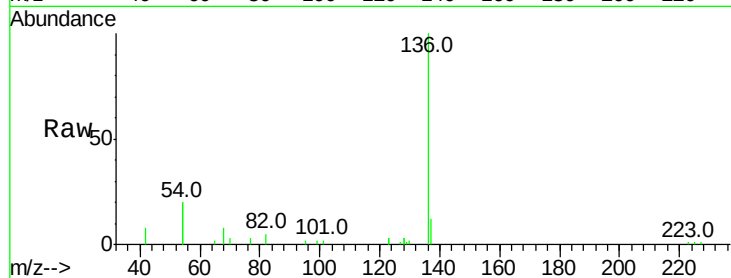
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 39.4 29.1 43.7

68 7.9 6.2 9.2

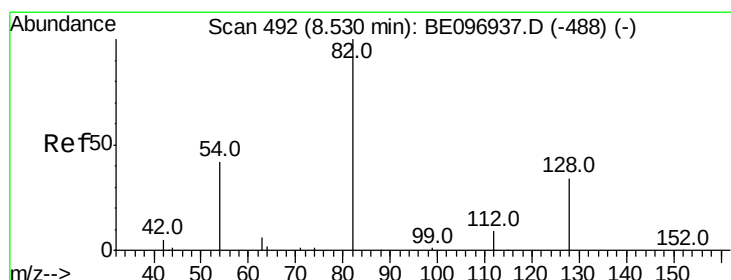
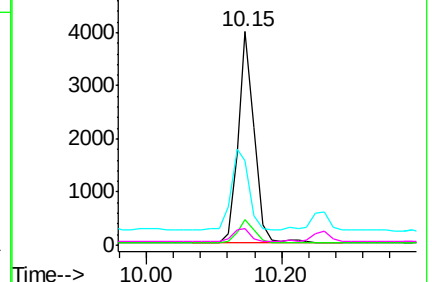
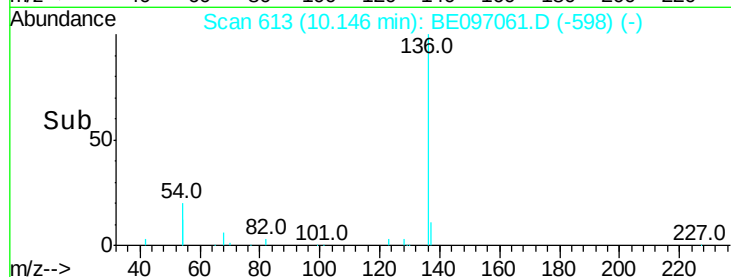


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.438 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097061.D

Acq: 24 Jul 2018 6:58

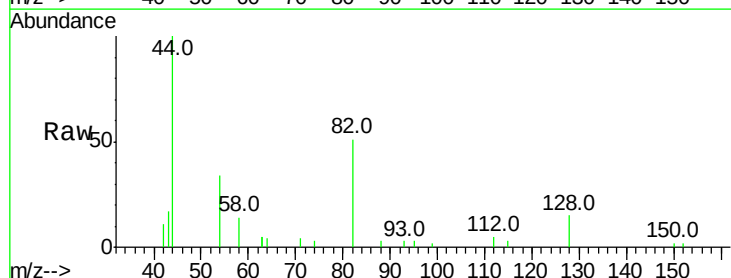
Tgt Ion: 82 Resp: 2136

Ion Ratio Lower Upper

82 100

128 29.3 24.0 36.0

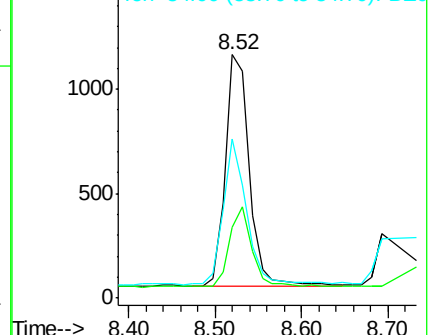
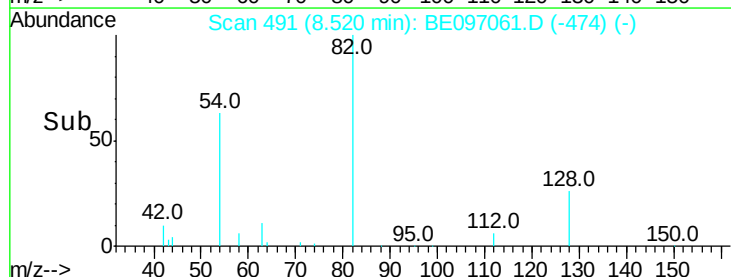
54 65.4 40.0 60.0#

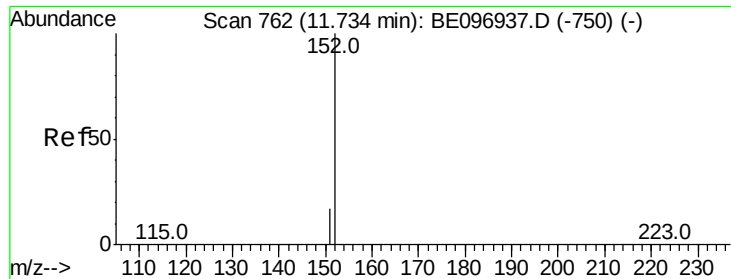


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

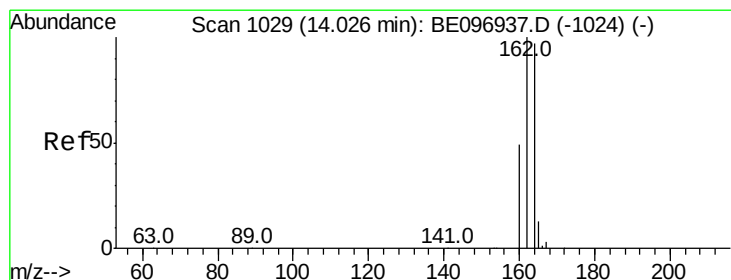
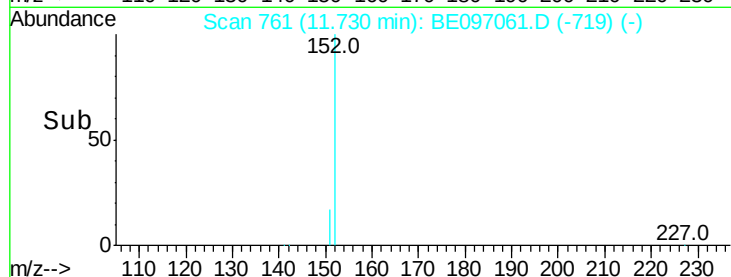
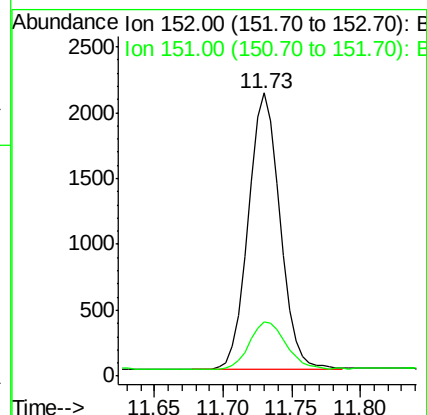
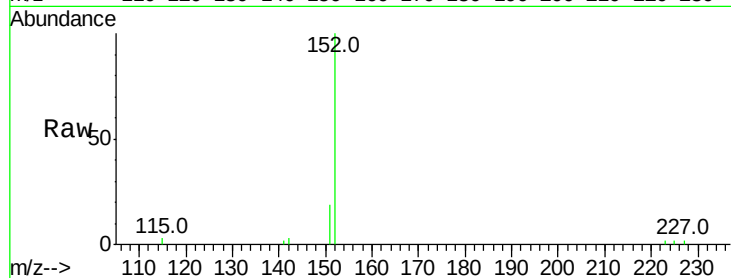




#11
2-Methylnaphthalene-d10
Concen: 0.351 ng
RT: 11.73 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE097061.D
Acq: 24 Jul 2018 6:58

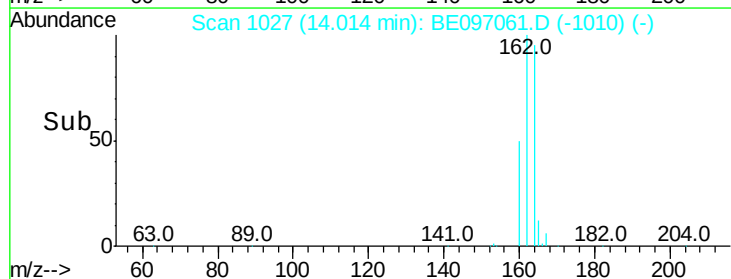
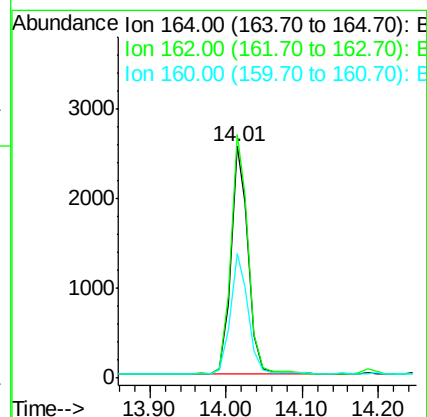
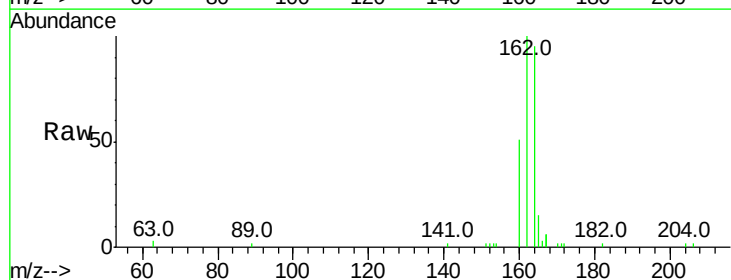
Instrument :
BNA_E
ClientSampleId :
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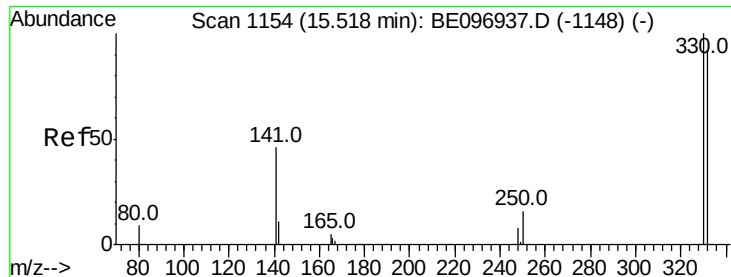
Tot Ion:152 Resp: 3417
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE097061.D
Acq: 24 Jul 2018 6:58

Tgt Ion:164 Resp: 4019
Ion Ratio Lower Upper
164 100
162 105.1 83.1 124.7
160 53.8 37.1 55.7

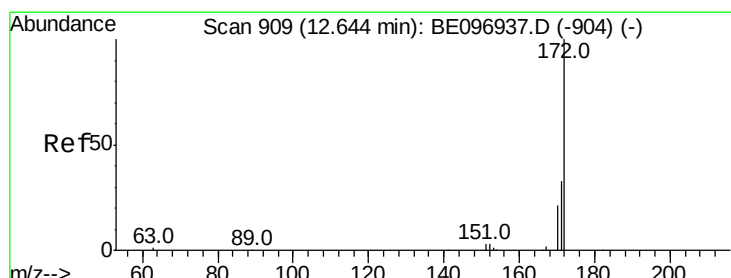
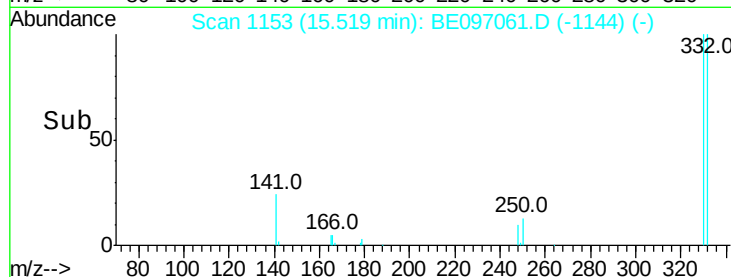
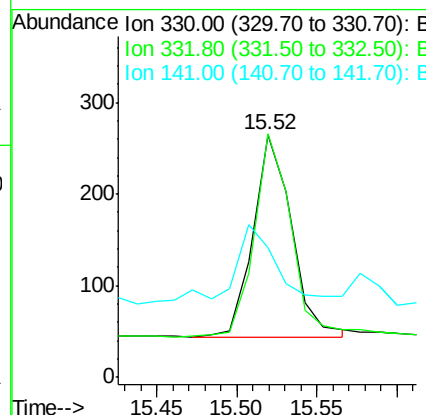
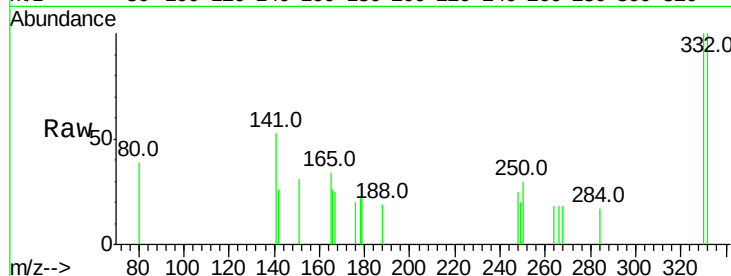




#14
 2,4,6-Tribromophenol
 Concen: 0.419 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BE097061.D
 Acq: 24 Jul 2018 6:58

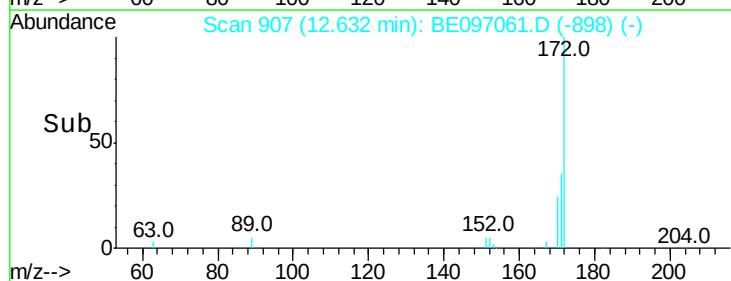
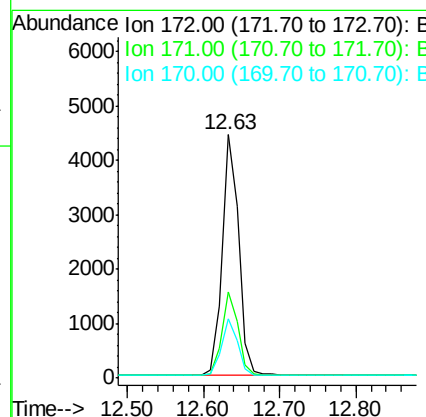
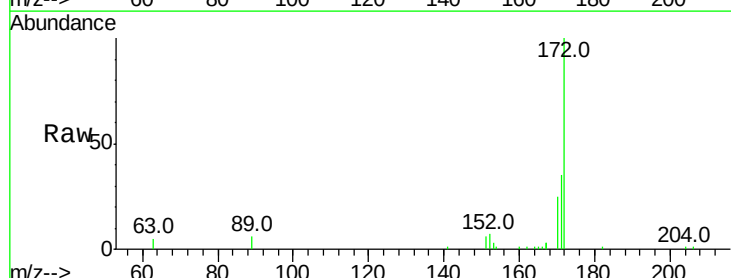
Instrument :
 BNA_E
 ClientSampleId :
 RE109D2-071618

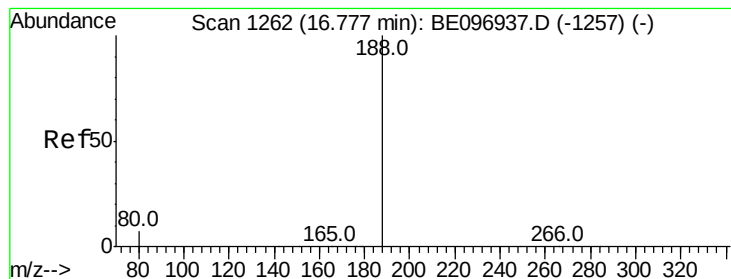
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	152.7	229.1#
141	46.3	33.7	50.5



#15
 2-Fluorobiphenyl
 Concen: 0.450 ng
 RT: 12.63 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BE097061.D
 Acq: 24 Jul 2018 6:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.9	44.9
170	24.6	21.8	32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BE097061.D

Acq: 24 Jul 2018 6:58

Instrument :

BNA_E

ClientSampleId :

RE109D2-071618

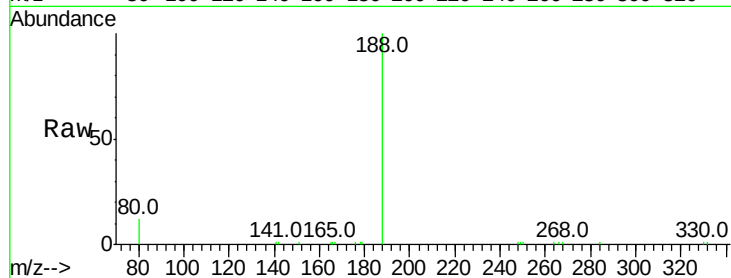
Tot Ion:188 Resp: 12208

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

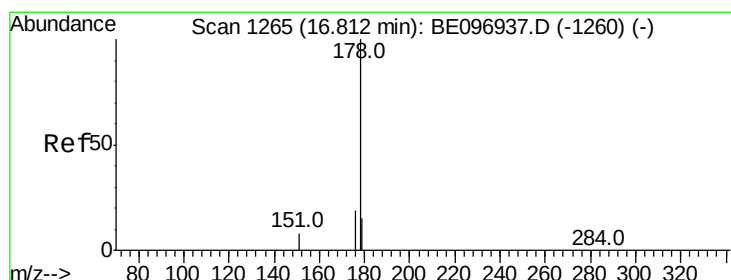
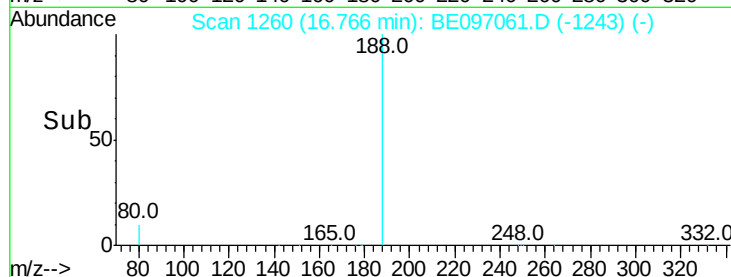
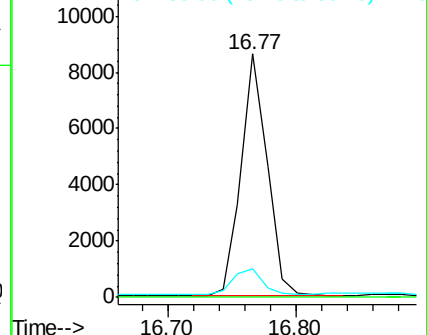
80 11.7 3.6 5.4#



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



#23

Phenanthrene

Concen: 0.024 ng

RT: 16.81 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BE097061.D

Acq: 24 Jul 2018 6:58

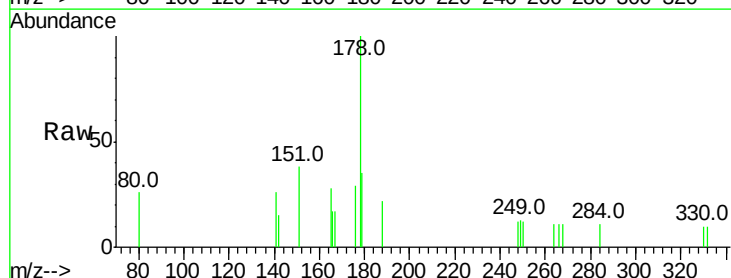
Tgt Ion:178 Resp: 696

Ion Ratio Lower Upper

178 100

176 17.0 15.1 22.7

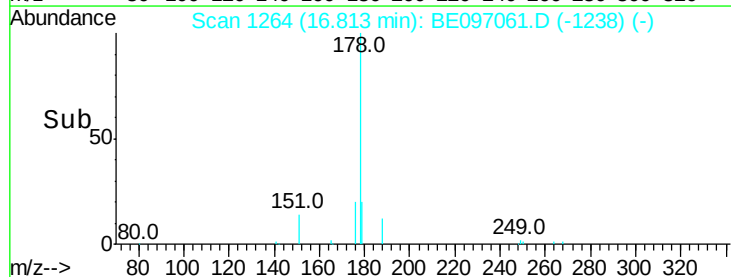
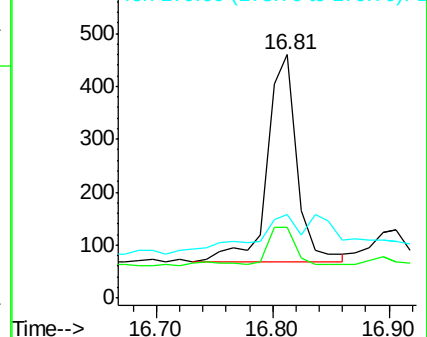
179 29.9 11.8 17.6#

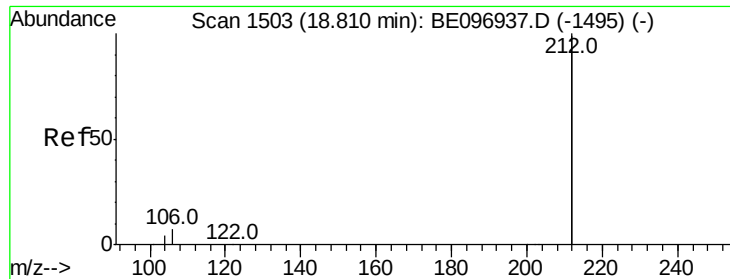


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

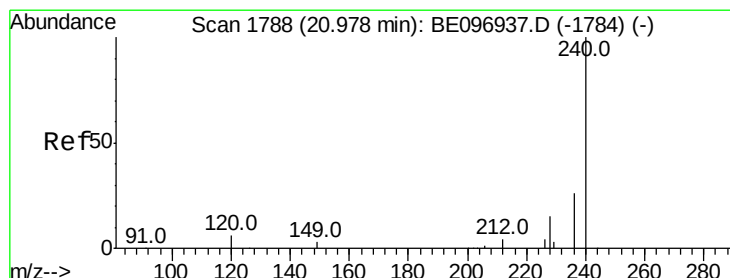
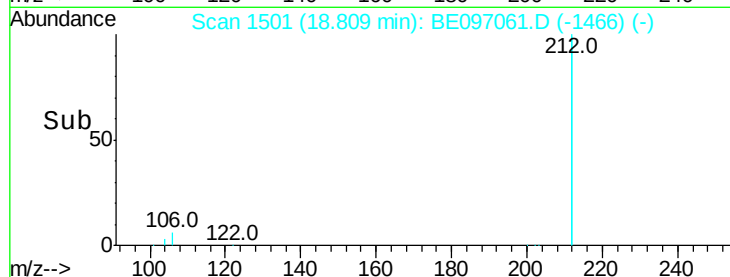
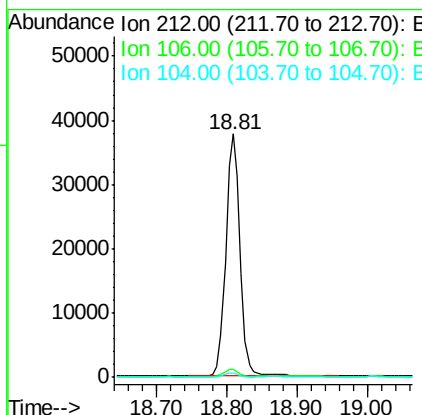
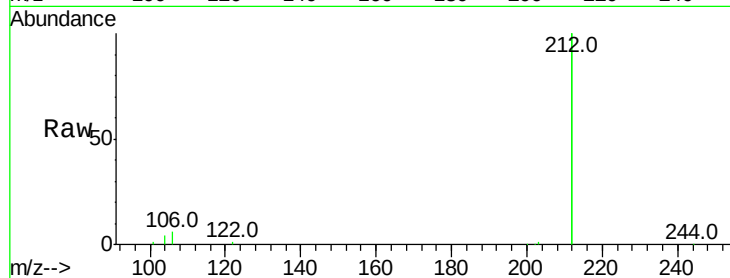




#25
 Fluoranthene-d10
 Concen: 0.499 ng
 RT: 18.81 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BE097061.D
 Acq: 24 Jul 2018 6:58

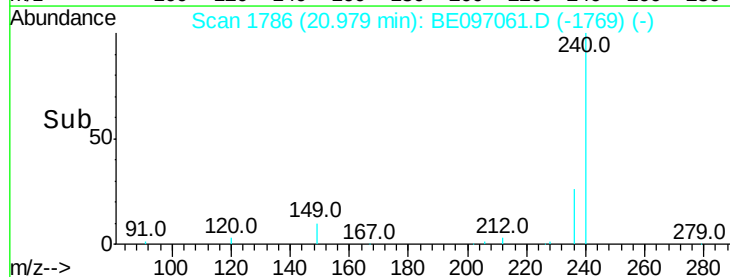
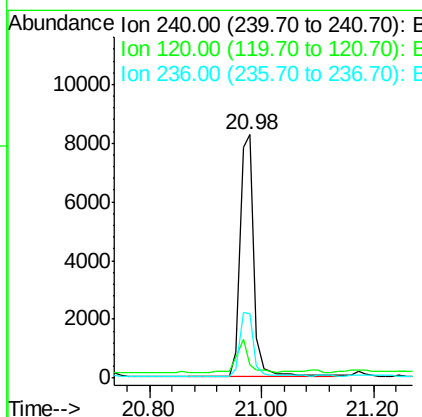
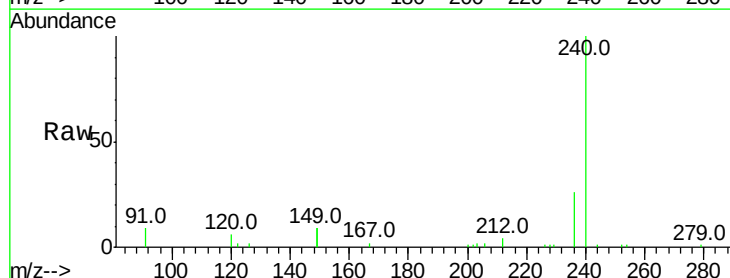
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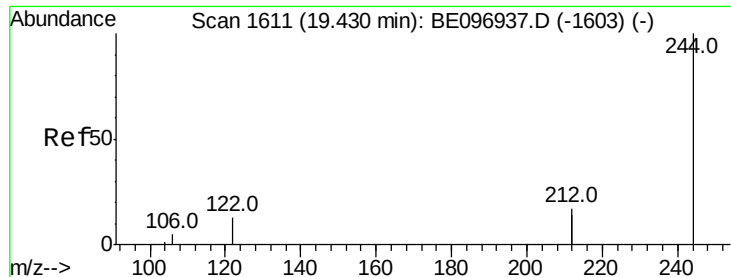
Tot Ion:212 Resp: 52971
 Ion Ratio Lower Upper
 212 100
 106 3.1 2.8 4.2
 104 1.7 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.98 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BE097061.D
 Acq: 24 Jul 2018 6:58

Tgt Ion:240 Resp: 13914
 Ion Ratio Lower Upper
 240 100
 120 5.6 5.5 8.3
 236 26.4 20.7 31.1





#29

Terphenyl-d14

Concen: 0.557 ng

RT: 19.43 min Scan# 1609

Delta R.T. -0.00 min

Lab File: BE097061.D

Acq: 24 Jul 2018 6:58

Instrument :

BNA_E

ClientSampleId :

RE109D2-071618

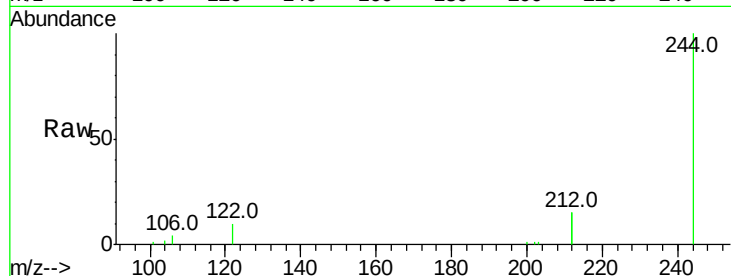
Tot Ion:244 Resp: 14950

Ion Ratio Lower Upper

244 100

212 30.9 25.4 38.0

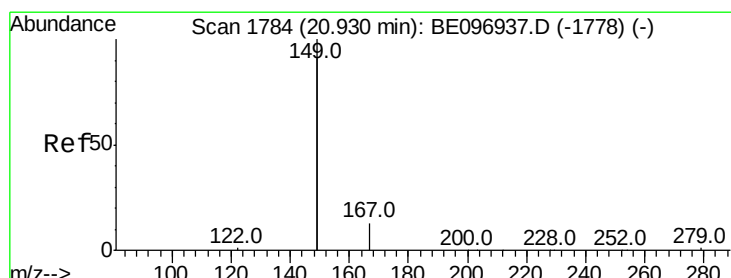
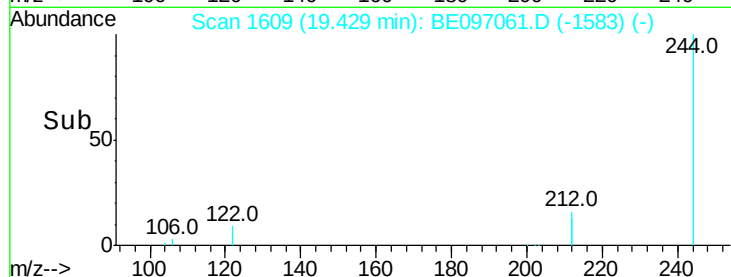
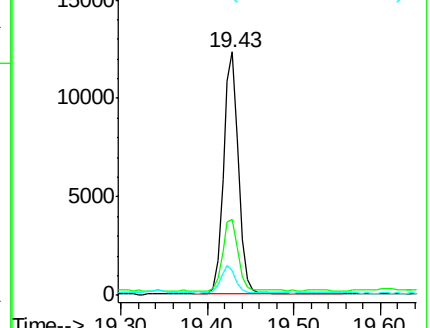
122 10.4 8.1 12.1



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: 12.042 ng

RT: 20.92 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BE097061.D

Acq: 24 Jul 2018 6:58

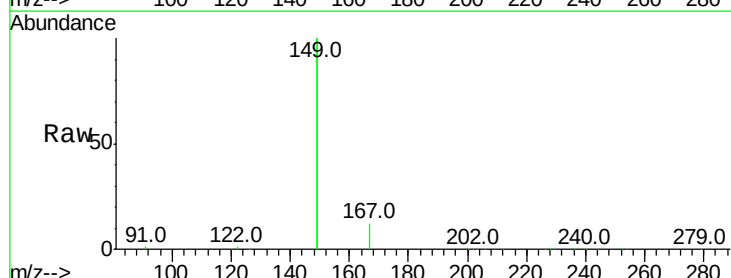
Tgt Ion:149 Resp: 398279

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

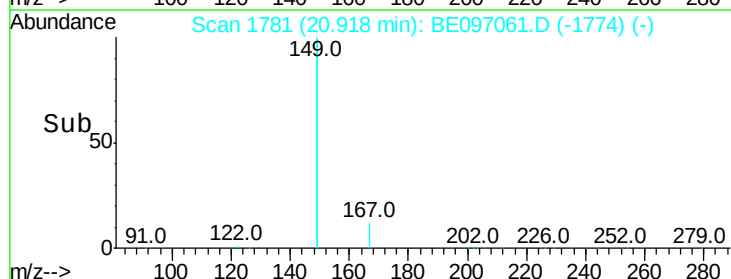
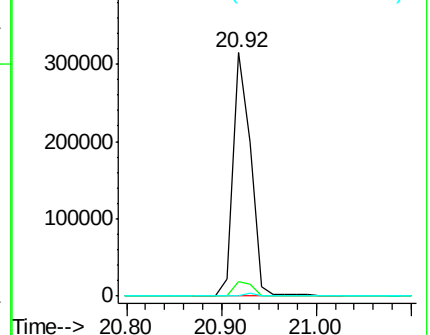
279 0.9 0.7 1.1

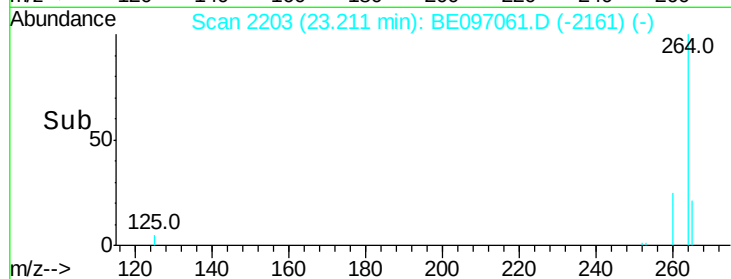
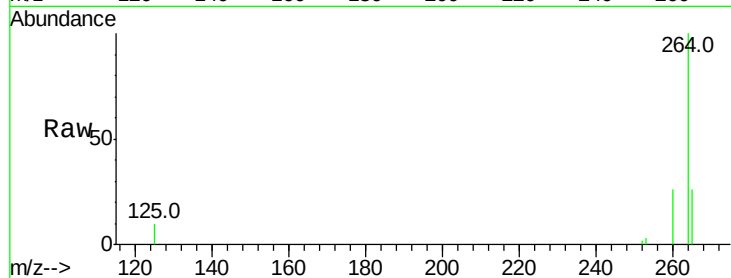
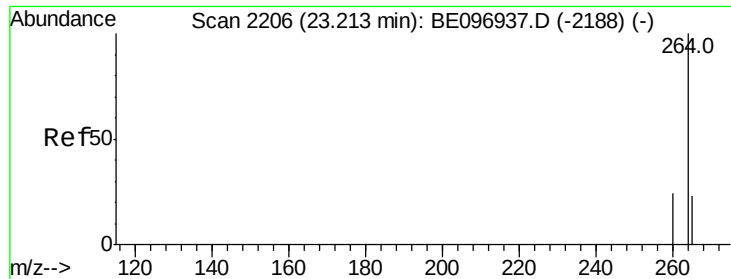


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BE097061.D

Acq: 24 Jul 2018 6:58

Instrument :

BNA_E

ClientSampleId :

RE109D2-071618

Tot Ion:264 Resp: 13647

Ion Ratio Lower Upper

264 100

260 25.9 20.5 30.7

265 25.8 22.8 34.2

