

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072318\
 Data File : BE097034.D
 Acq On : 23 Jul 2018 12:49
 Operator : SJ/JU
 Sample : PB111327BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB111327BL

Quant Time: Jul 23 14:29:23 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

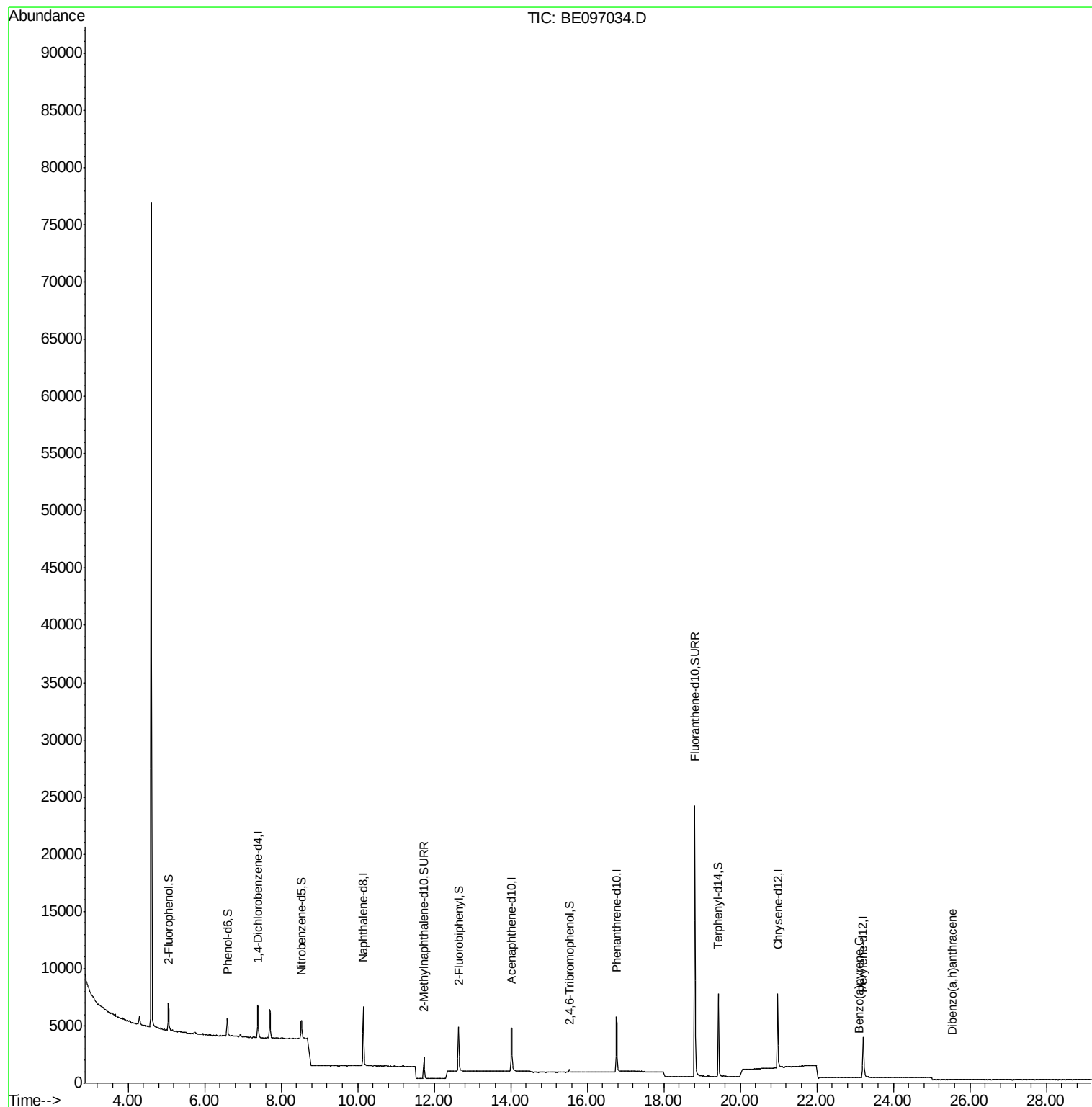
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1385	0.40	ng	0.01
7) Naphthalene-d8	10.15	136	5875	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	2742	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	7895	0.40	ng	0.00
27) Chrysene-d12	20.98	240	7140	0.40	ng	0.00
34) Perylene-d12	23.21	264	5625	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	1258	0.38	ng	0.01
5) Phenol-d6	6.60	99	1530	0.30	ng	0.00
8) Nitrobenzene-d5	8.53	82	1739	0.41	ng	0.01
11) 2-Methylnaphthalene-d10	11.73	152	3036	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	194	0.34	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	4442	0.44	ng	0.01
25) Fluoranthene-d10	18.81	212	33305	0.48	ng	0.00
29) Terphenyl-d14	19.43	244	6511	0.47	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.45	266	6	Below Cal		96
37) Benzo(a)pyrene	23.11	252	2	0.101 ng	#	1
38) Dibenzo(a,h)anthracene	25.54	278	4	0.118 ng	#	1

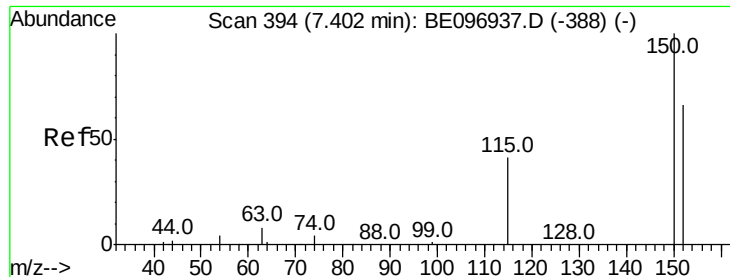
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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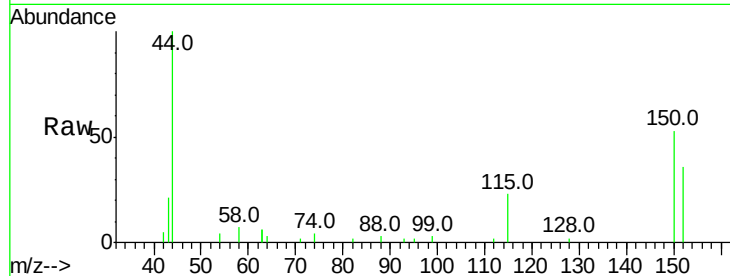


#1

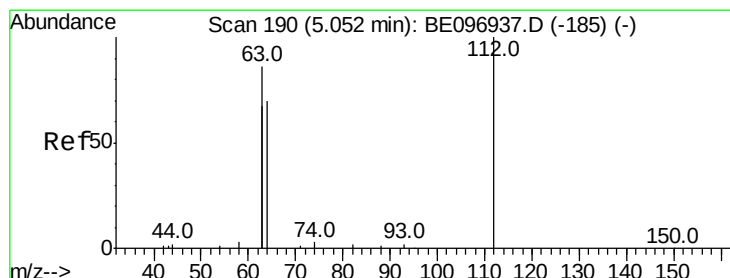
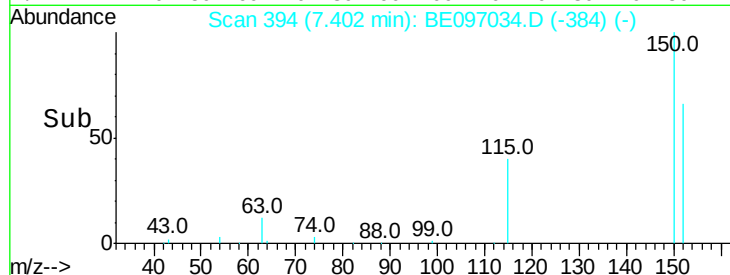
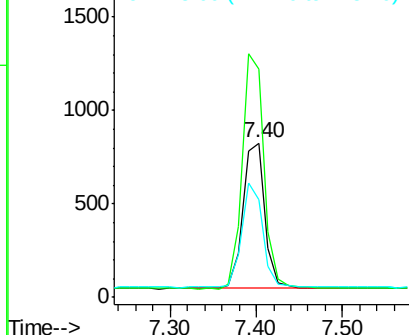
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.01 min
Lab File: BE097034.D
Acq: 23 Jul 2018 12:49

Instrument :
BNA_E
ClientSampleId :
PB111327BL

Tot Ion:152 Resp: 1385
Ion Ratio Lower Upper
152 100
150 148.0 117.2 175.8
115 63.5 57.0 85.6



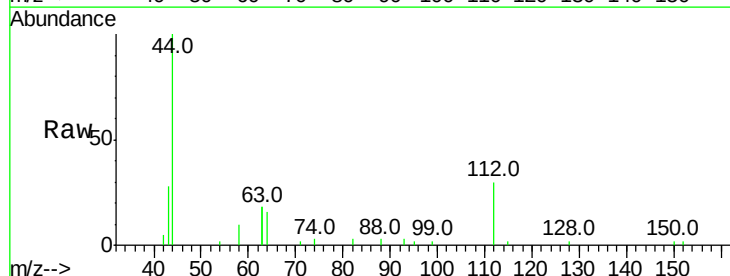
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



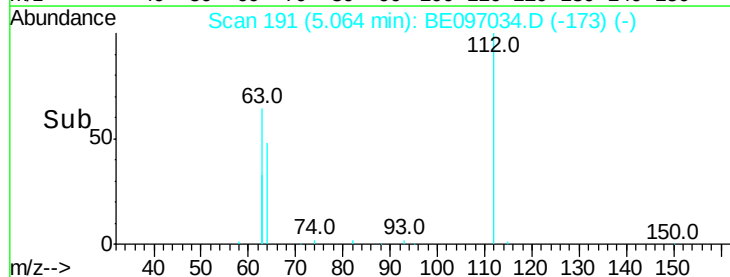
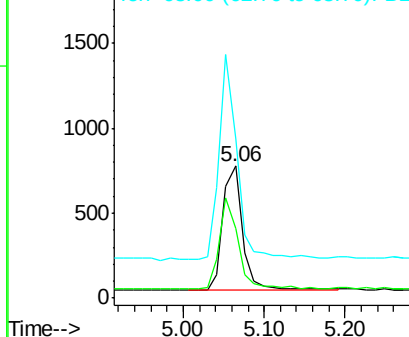
#4

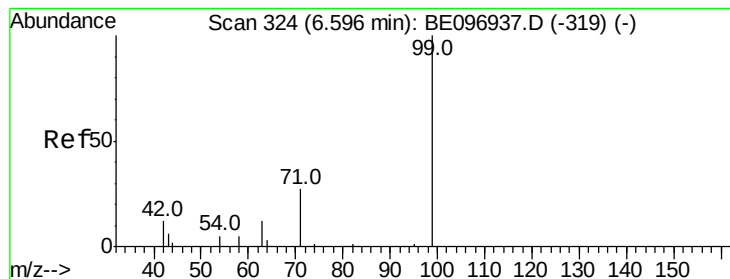
2-Fluorophenol
Concen: 0.380 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097034.D
Acq: 23 Jul 2018 12:49

Tgt Ion:112 Resp: 1258
Ion Ratio Lower Upper
112 100
64 70.3 60.1 90.1
63 147.9 116.8 175.2



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: 0.303 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097034.D

Acq: 23 Jul 2018 12:49

Instrument :

BNA_E

ClientSampleId :

PB111327BL

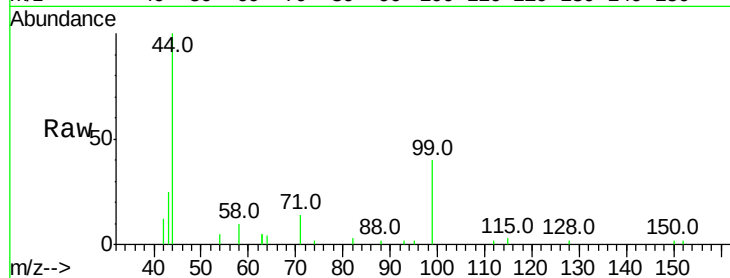
Tot Ion: 99 Resp: 1530

Ion Ratio Lower Upper

99 100

42 22.2 20.2 30.2

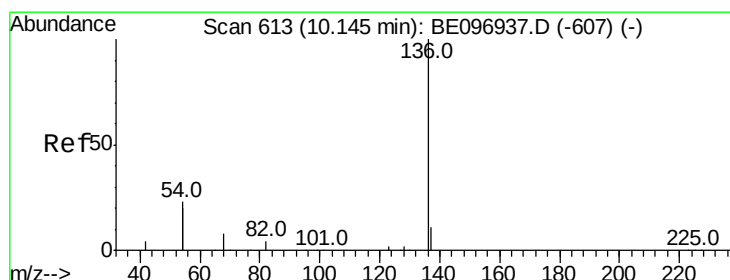
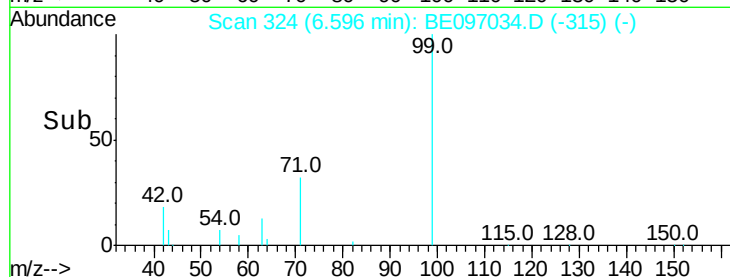
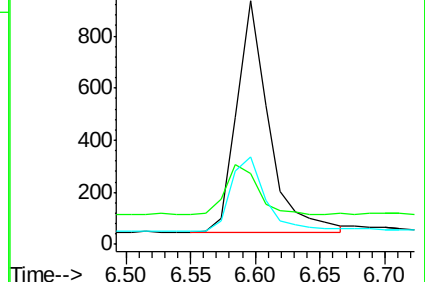
71 34.7 28.4 42.6



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: BE097034.D

Acq: 23 Jul 2018 12:49

Tgt Ion: 136 Resp: 5875

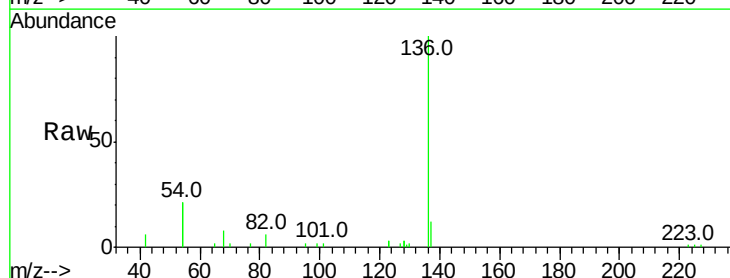
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 42.4 29.1 43.7

68 7.9 6.2 9.2

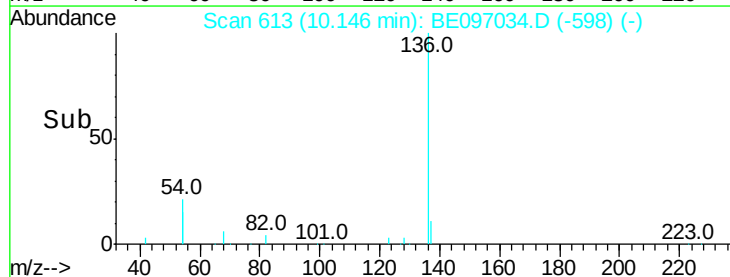
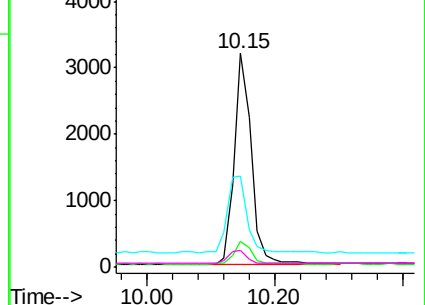


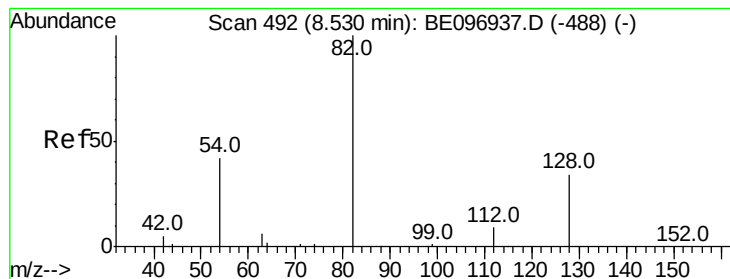
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.406 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097034.D

Acq: 23 Jul 2018 12:49

Instrument :

BNA_E

ClientSampleId :

PB111327BL

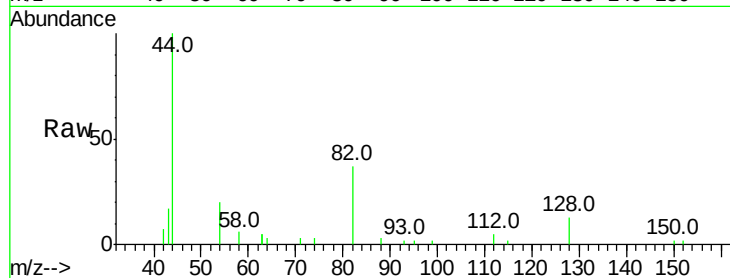
Tot Ion: 82 Resp: 1739

Ion Ratio Lower Upper

82 100

128 36.5 24.0 36.0#

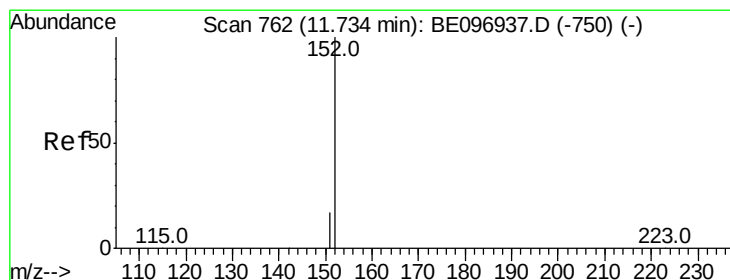
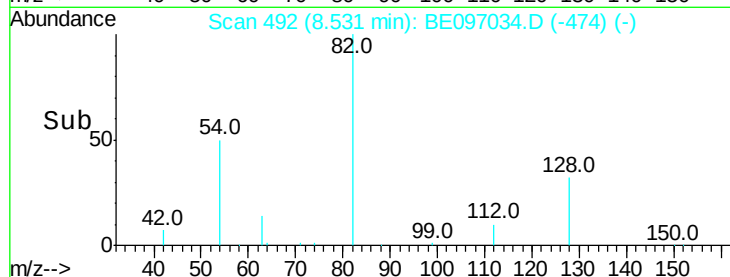
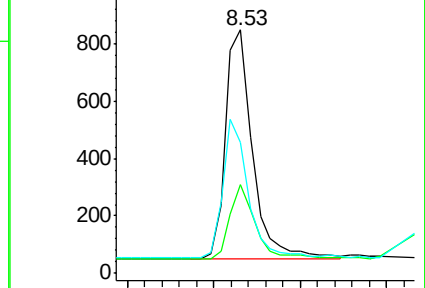
54 53.6 40.0 60.0



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



#11

2-Methylnaphthalene-d10

Concen: 0.355 ng

RT: 11.73 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE097034.D

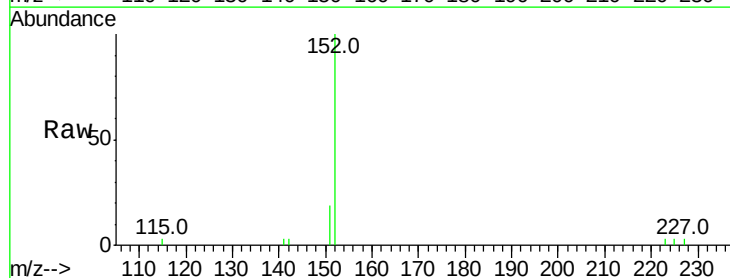
Acq: 23 Jul 2018 12:49

Tgt Ion: 152 Resp: 3036

Ion Ratio Lower Upper

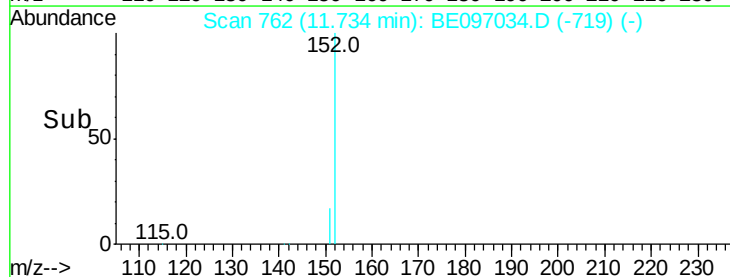
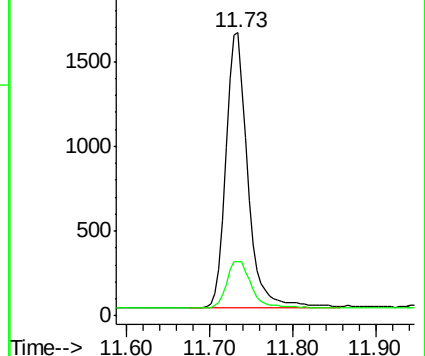
152 100

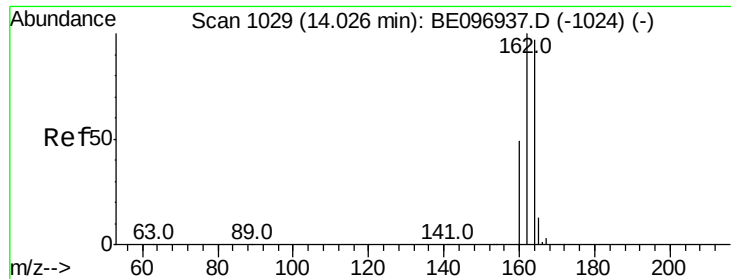
151 18.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

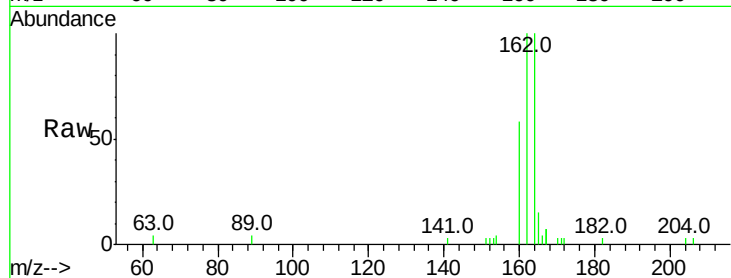




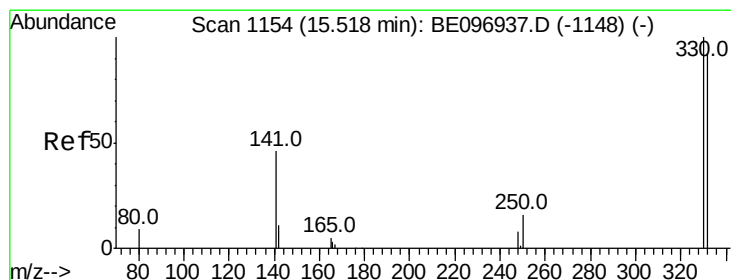
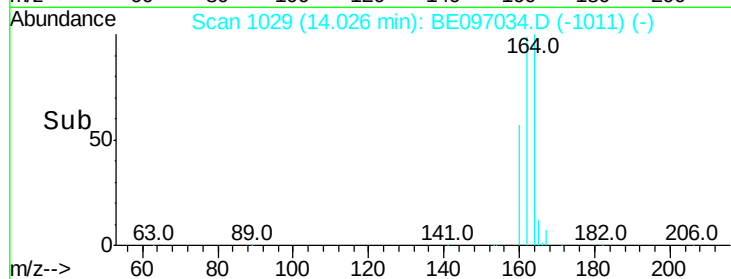
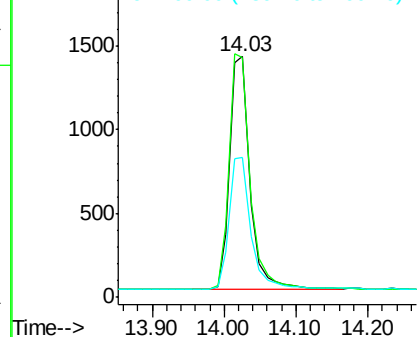
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.03 min Scan# 1029
 Delta R.T. 0.01 min
 Lab File: BE097034.D
 Acq: 23 Jul 2018 12:49

Instrument :
 BNA_E
 ClientSampleId :
 PB111327BL

Tot Ion:164 Resp: 2742
 Ion Ratio Lower Upper
 164 100
 162 99.5 83.1 124.7
 160 58.1 37.1 55.7#

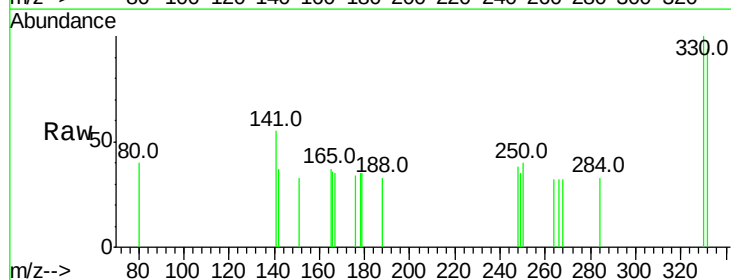


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

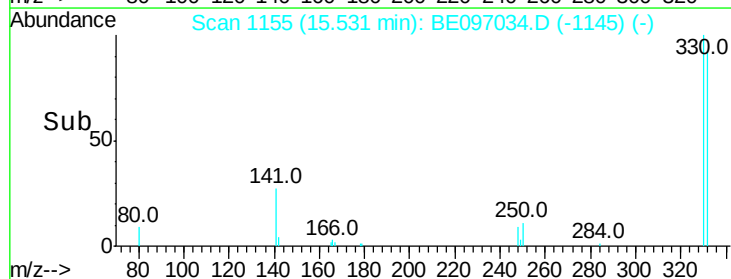
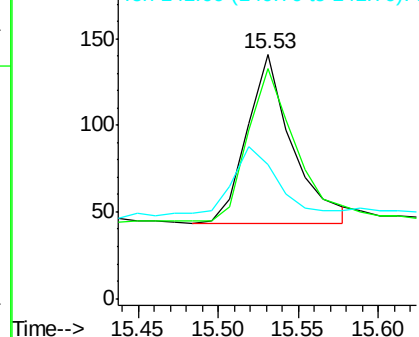


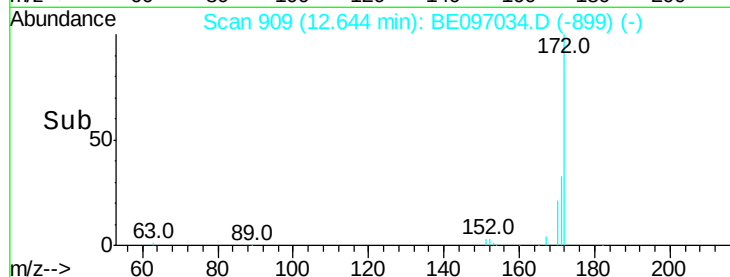
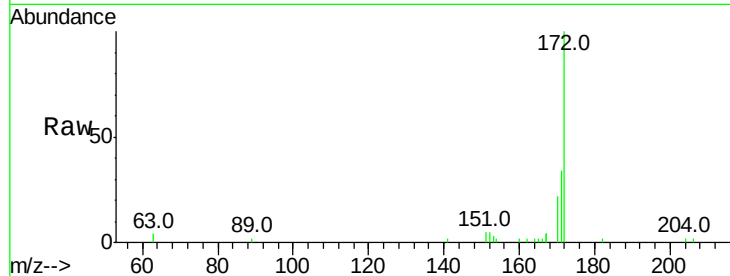
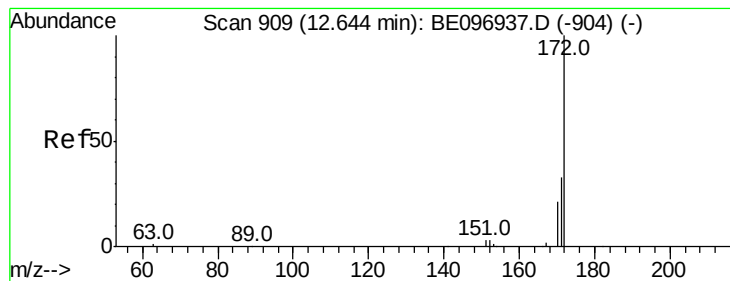
#14
 2,4,6-Tribromophenol
 Concen: 0.339 ng
 RT: 15.53 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: BE097034.D
 Acq: 23 Jul 2018 12:49

Tgt Ion:330 Resp: 194
 Ion Ratio Lower Upper
 330 100
 332 92.3 152.7 229.1#
 141 39.7 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: 0.436 ng

RT: 12.64 min Scan# 909

Delta R.T. 0.01 min

Lab File: BE097034.D

Acq: 23 Jul 2018 12:49

Instrument :

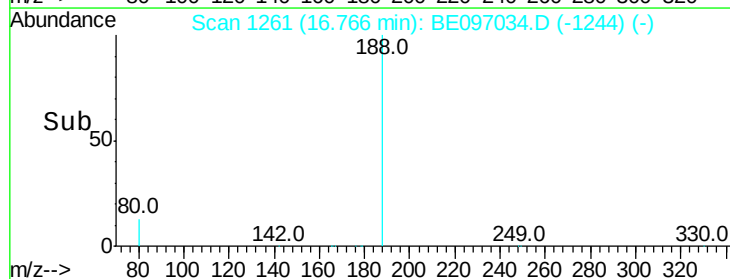
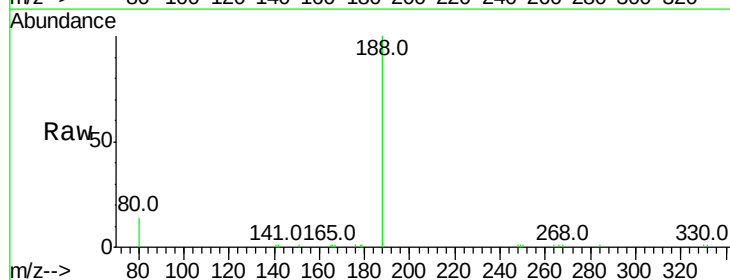
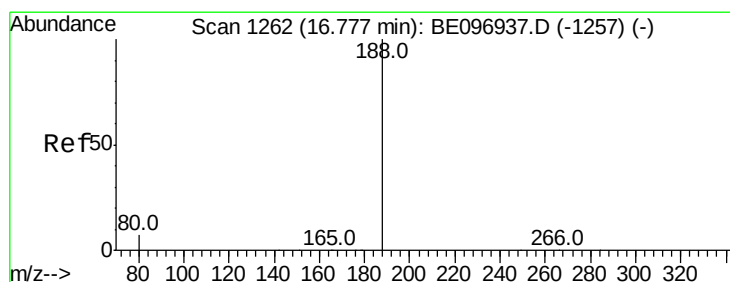
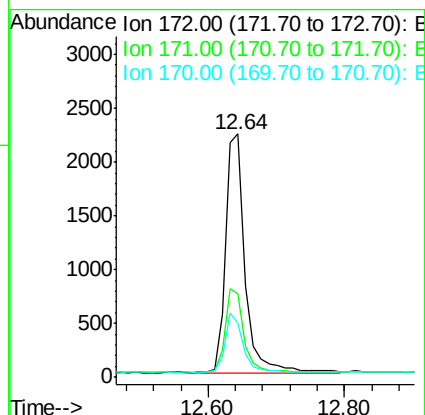
BNA_E

ClientSampleId :

PB111327BL

Tot Ion:172 Resp: 4442

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.9	44.9
170	22.2	21.8	32.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.77 min Scan# 1261

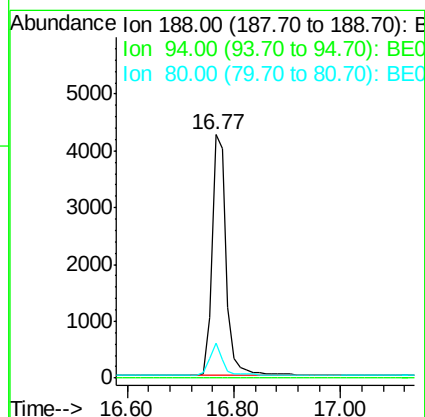
Delta R.T. 0.00 min

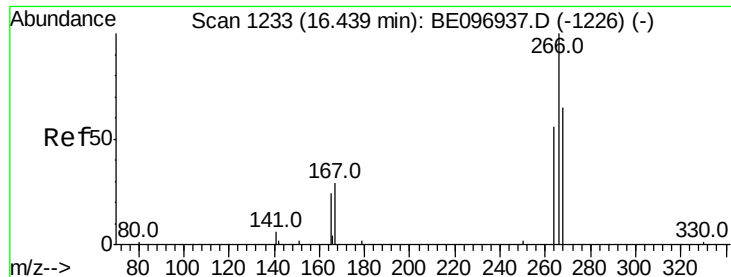
Lab File: BE097034.D

Acq: 23 Jul 2018 12:49

Tgt Ion:188 Resp: 7895

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	14.4	3.6	5.4#





#22

Pentachlorophenol

Concen: Below Cal

RT: 16.45 min Scan# 1234

Delta R.T. 0.03 min

Lab File: BE097034.D

Acq: 23 Jul 2018 12:49

Instrument :

BNA_E

ClientSampleId :

PB111327BL

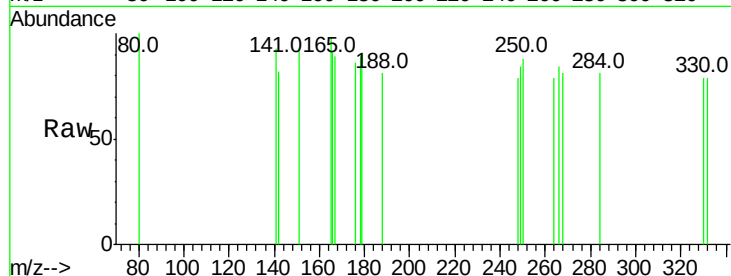
Tot Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 93.8 72.5 108.7

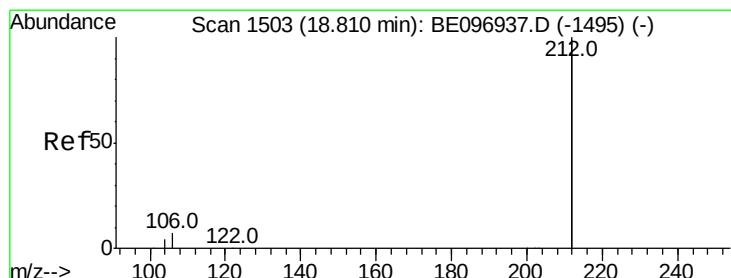
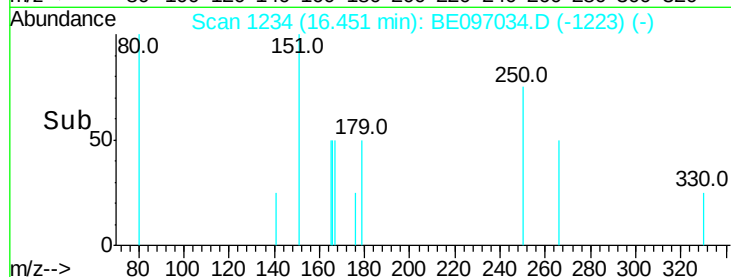
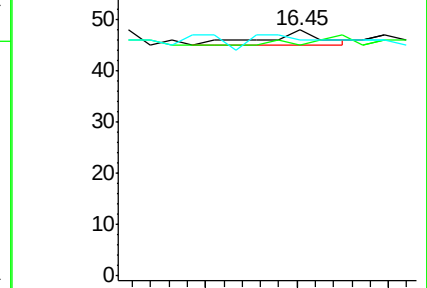
268 95.8 73.8 110.6



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#25

Fluoranthene-d10

Concen: 0.485 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE097034.D

Acq: 23 Jul 2018 12:49

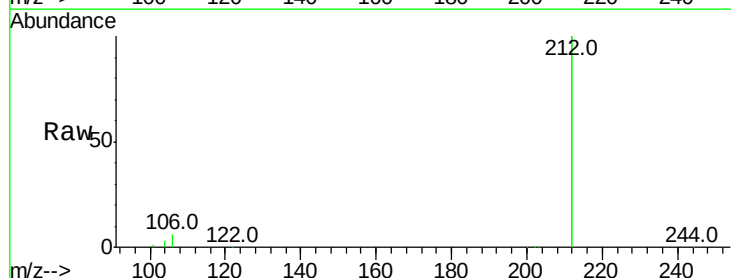
Tgt Ion:212 Resp: 33305

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

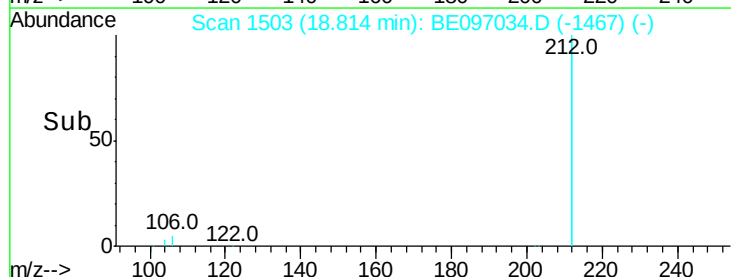
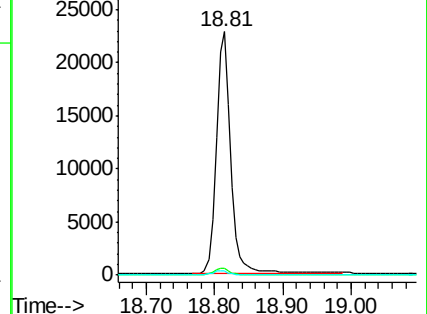
104 1.6 1.6 2.4

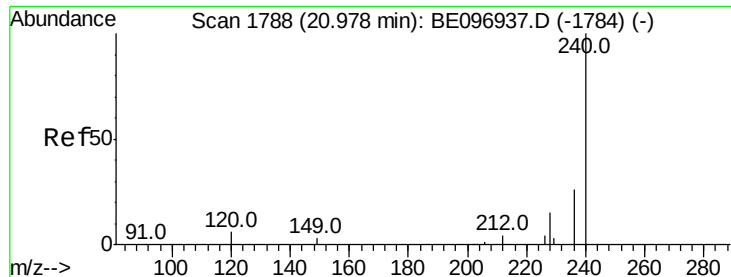


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE097034.D

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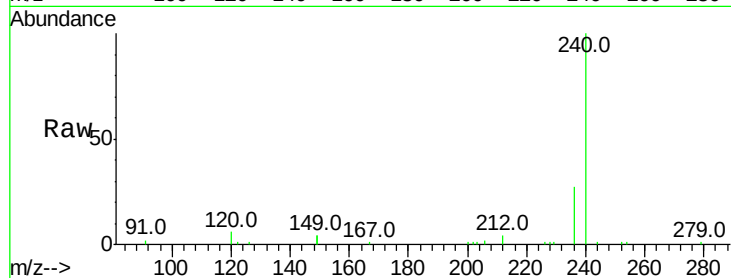
Tot Ion:240 Resp: 7140

Ion Ratio Lower Upper

240 100

120 6.1 5.5 8.3

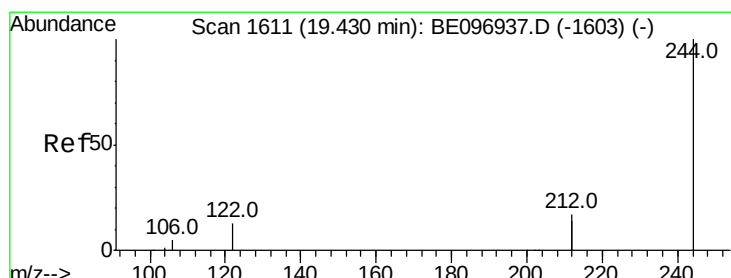
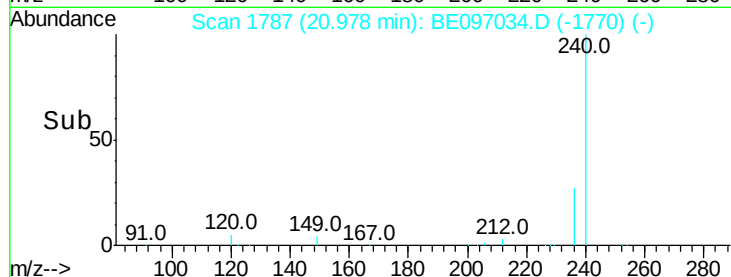
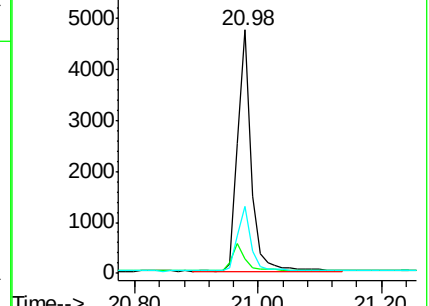
236 27.4 20.7 31.1



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: 0.473 ng

RT: 19.43 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BE097034.D

Acq: 23 Jul 2018 12:49

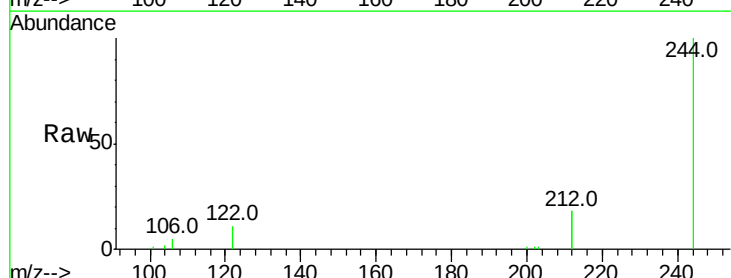
Tgt Ion:244 Resp: 6511

Ion Ratio Lower Upper

244 100

212 35.3 25.4 38.0

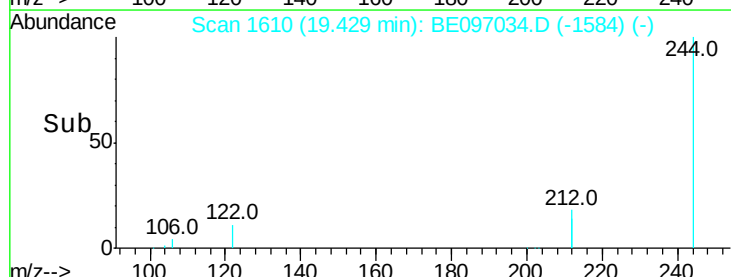
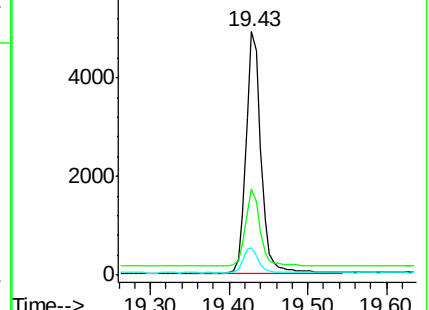
122 11.5 8.1 12.1

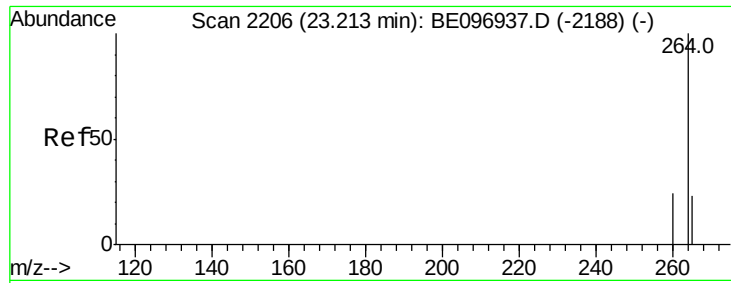


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

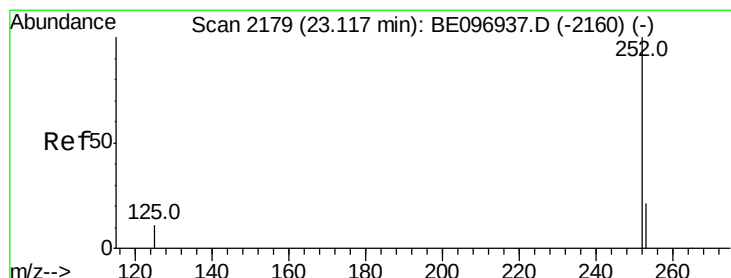
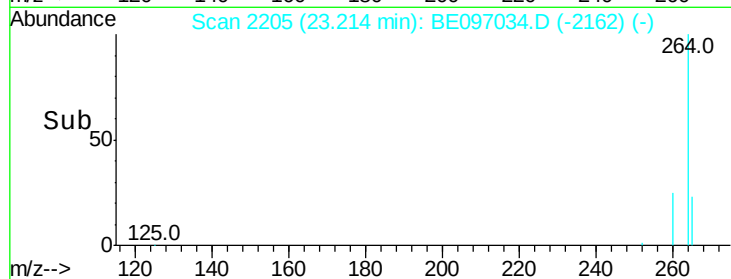
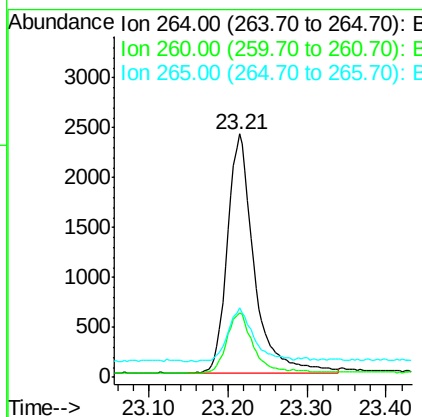
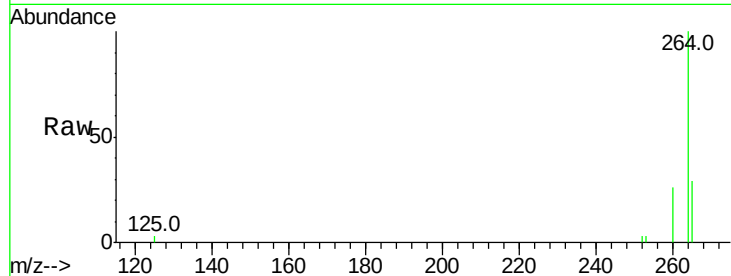




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BE097034.D
Acq: 23 Jul 2018 12:49

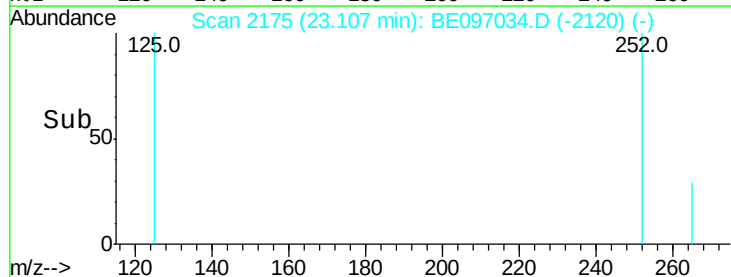
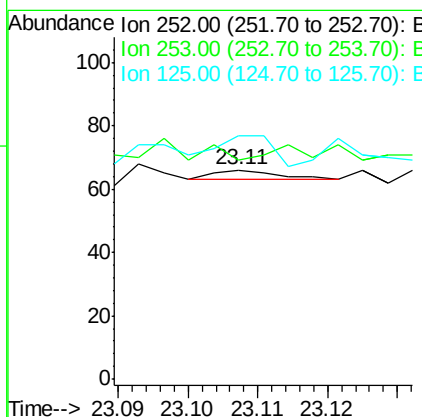
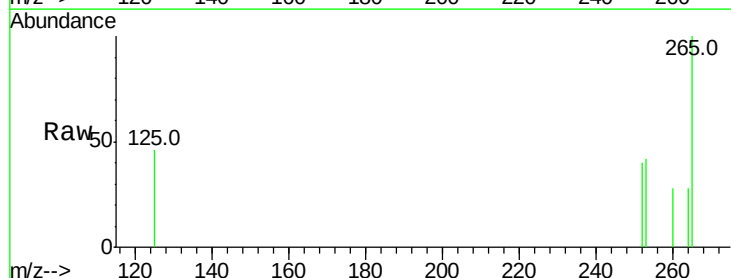
Instrument :
BNA_E
ClientSampleId :
PB111327BL

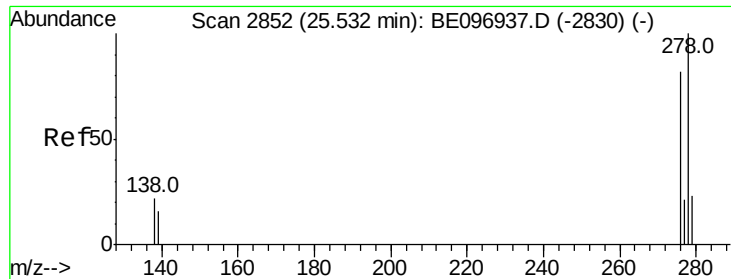
Tot Ion:264 Resp: 5625
Ion Ratio Lower Upper
264 100
260 26.3 20.5 30.7
265 28.6 22.8 34.2



#37
Benzo(a)pyrene
Concen: 0.101 ng
RT: 23.11 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BE097034.D
Acq: 23 Jul 2018 12:49

Tgt Ion:252 Resp: 2
Ion Ratio Lower Upper
252 100
253 104.5 16.0 24.0#
125 116.7 12.0 18.0#





#38

Dibenzo(a,h)anthracene

Concen: 0.118 ng

RT: 25.54 min Scan# 2852

Delta R.T. 0.01 min

Lab File: BE097034.D

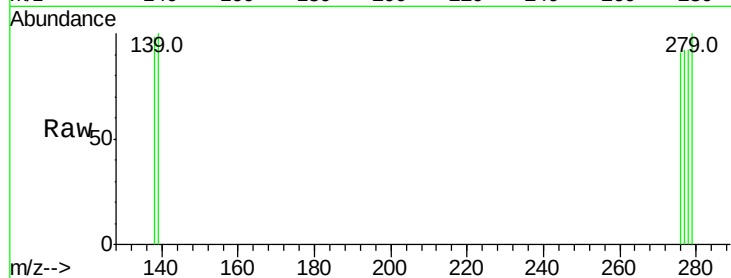
Acq: 23 Jul 2018 12:49

Instrument :

BNA_E

ClientSampleId :

PB111327BL



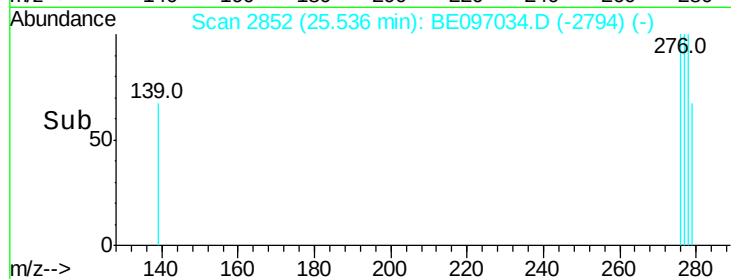
Tot Ion:278 Resp: 4

Ion Ratio Lower Upper

278 100

139 108.2 16.0 24.0#

279 108.2 20.0 30.0#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

