

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
 Data File : BE097073.D
 Acq On : 24 Jul 2018 15:58
 Operator : SJ/JU
 Sample : PB111338BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB111338BS

Quant Time: Jul 25 00:37:19 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	65837	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	345755	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	217986	0.40	ng	0.01
19) Phenanthrene-d10	16.78	188	557128	0.40	ng	0.01
27) Chrysene-d12	20.98	240	646184	0.40	ng	0.00
34) Perylene-d12	23.21	264	601369	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	356045	1.92	ng	0.00
5) Phenol-d6	6.60	99	575597	2.12	ng	0.00
8) Nitrobenzene-d5	8.53	82	631876	2.10	ng	0.00
11) 2-Methylnaphthalene-d10	11.71	152	599	0.00	ng	-0.02
14) 2,4,6-Tribromophenol	15.53	330	217812	3.04	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	1315749	1.75	ng	0.01
25) Fluoranthene-d10	18.81	212	55	0.00	ng	0.00
29) Terphenyl-d14	19.44	244	2178073	1.75	ng	0.00

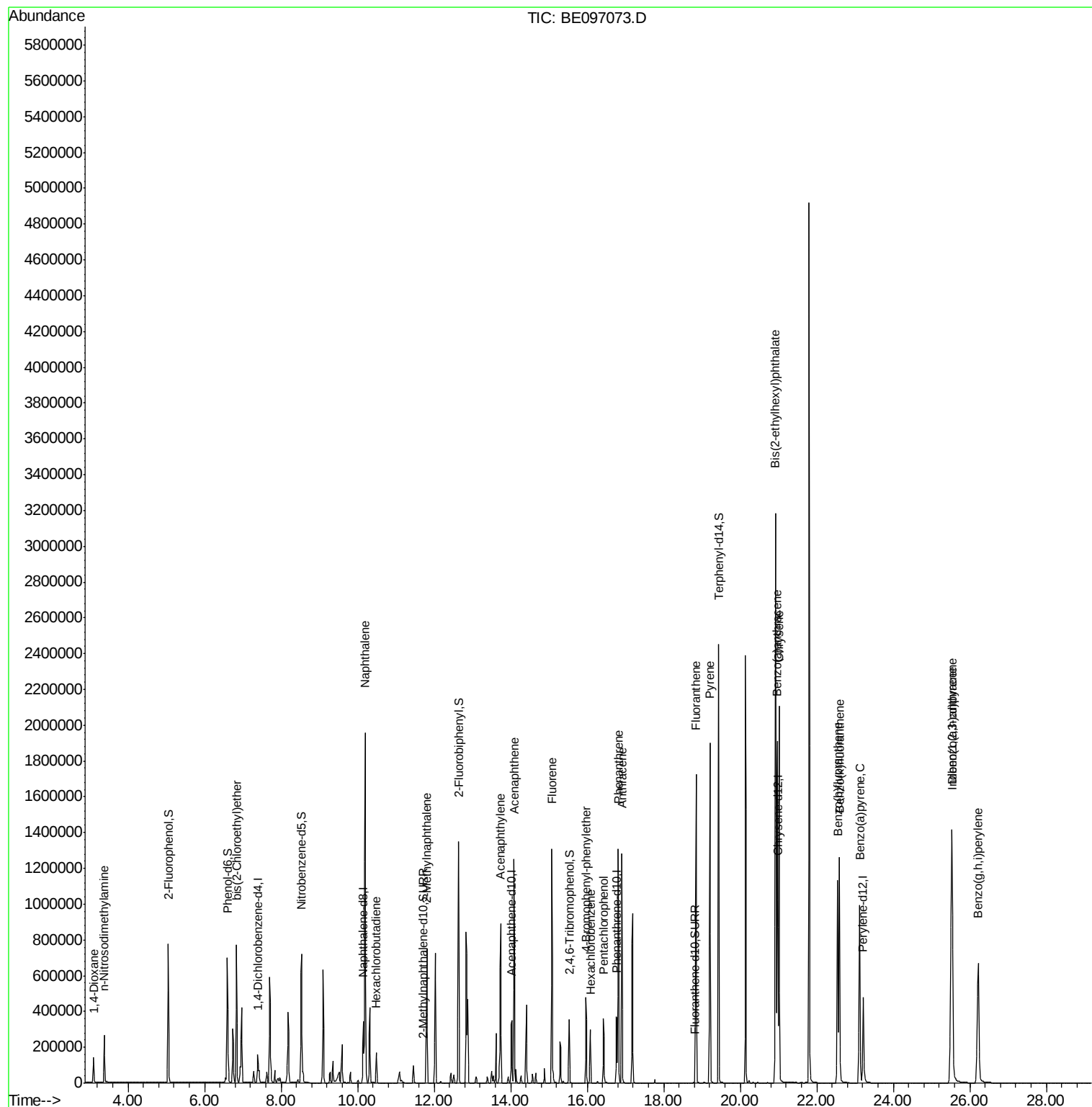
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	85425	0.817	ng	# 87
3) n-Nitrosodimethylamine	3.37	42	135765	1.161	ng	# 94
6) bis(2-Chloroethyl)ether	6.84	93	228464	0.922	ng	98
9) Naphthalene	10.20	128	2961073	0.954	ng	99
10) Hexachlorobutadiene	10.48	225	119345	0.858	ng	97
12) 2-Methylnaphthalene	11.81	142	519424	0.975	ng	99
16) Acenaphthylene	13.74	152	945457	0.966	ng	99
17) Acenaphthene	14.08	154	572818	1.007	ng	97
18) Fluorene	15.07	166	738681	0.983	ng	# 79
20) 4-Bromophenyl-phenylether	15.97	248	242211	0.895	ng	# 80
21) Hexachlorobenzene	16.09	284	250347	0.862	ng	# 84
22) Pentachlorophenol	16.43	266	170160	1.793	ng	# 71
23) Phenanthrene	16.81	178	1272616	0.958	ng	98
24) Anthracene	16.90	178	1279490	1.077	ng	# 96
26) Fluoranthene	18.84	202	1522423	1.022	ng	98
28) Pyrene	19.21	202	1636864	0.923	ng	98
30) Benzo(a)anthracene	20.97	228	1700157	1.058	ng	97
31) Chrysene	21.02	228	1553606	0.901	ng	97
32) Bis(2-ethylhexyl)phthalate	20.92	149	3774865	1.795	ng	100
33) Indeno(1,2,3-cd)pyrene	25.52	276	1877359	1.203	ng	# 93
35) Benzo(b)fluoranthene	22.54	252	1525828	1.000	ng	# 87
36) Benzo(k)fluoranthene	22.59	252	1621495	0.910	ng	96
37) Benzo(a)pyrene	23.12	252	1432135	0.998	ng	# 92
38) Dibenzo(a,h)anthracene	25.54	278	1628278	1.136	ng	# 93
39) Benzo(g,h,i)perylene	26.22	276	1490635	0.980	ng	# 89

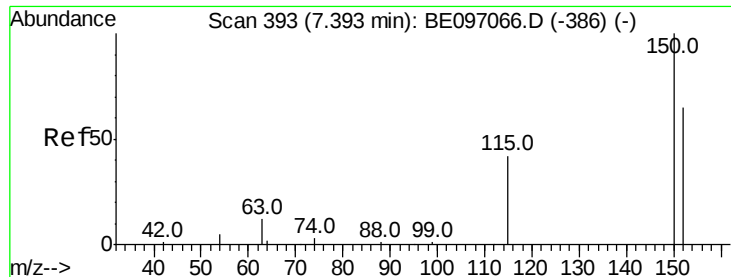
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
Data File : BE097073.D
Acq On : 24 Jul 2018 15:58
Operator : SJ/JU
Sample : PB111338BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB111338BS

Quant Time: Jul 25 00:37:19 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: BE097073.D

Acq: 24 Jul 2018 15:58

Instrument :

BNA_E

ClientSampleId :

PB111338BS

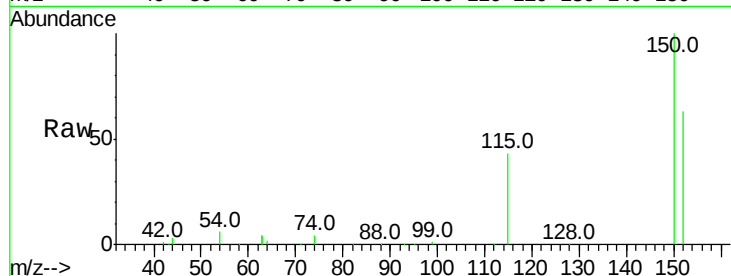
Tot Ion:152 Resp: 65837

Ion Ratio Lower Upper

152 100

150 158.5 117.2 175.8

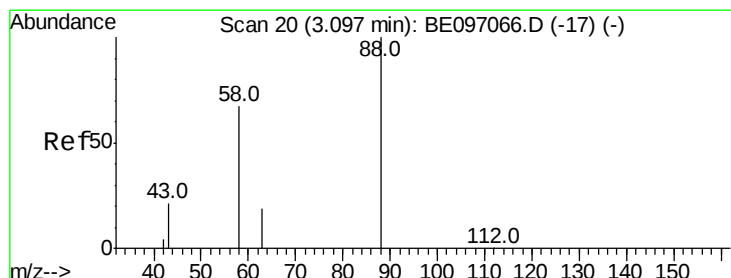
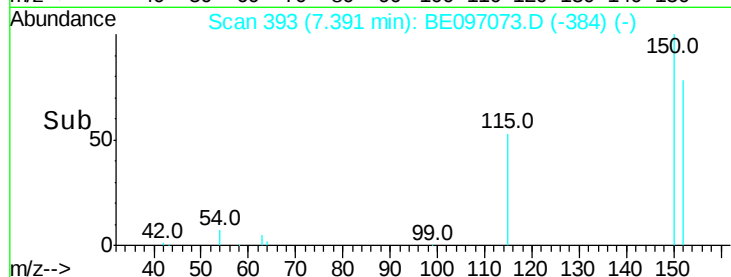
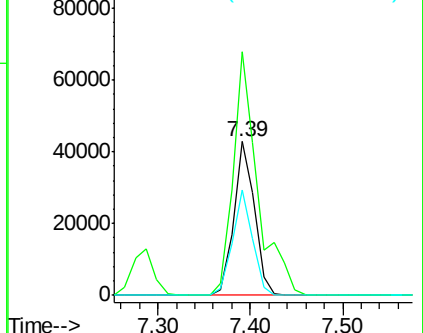
115 68.5 57.0 85.6



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: 0.817 ng

RT: 3.10 min Scan# 20

Delta R.T. -0.00 min

Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

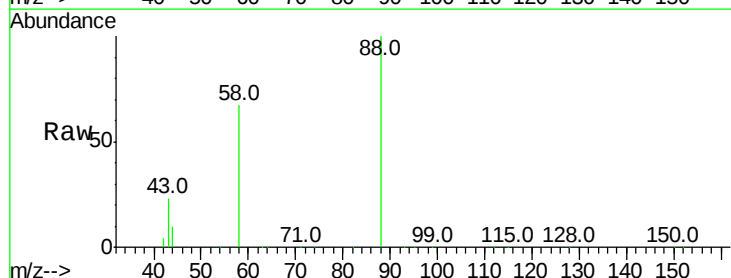
Tgt Ion: 88 Resp: 85425

Ion Ratio Lower Upper

88 100

58 83.2 63.2 94.8

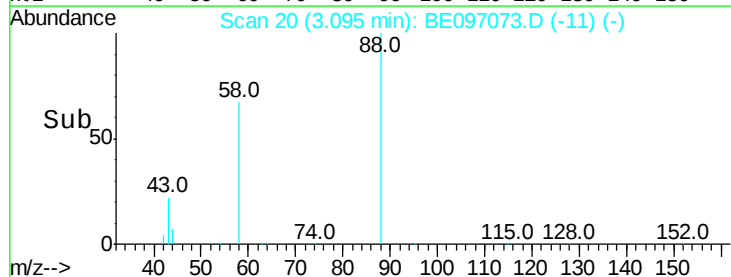
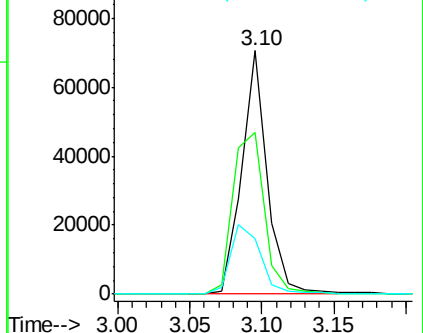
43 33.1 41.2 61.8#

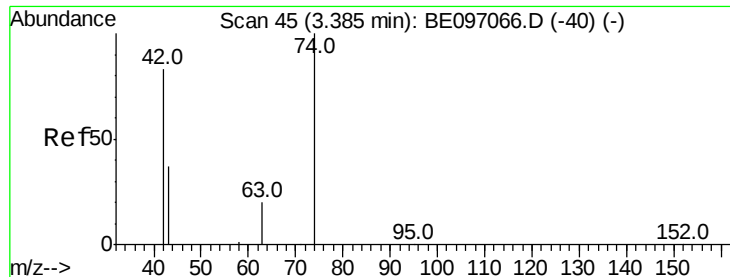


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.161 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.01 min

Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

Instrument :

BNA_E

ClientSampleId :

PB111338BS

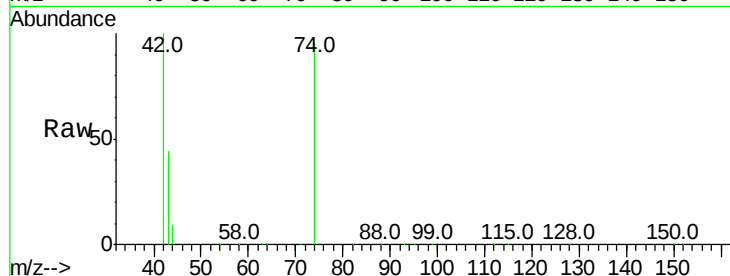
Tot Ion: 42 Resp: 135765

Ion Ratio Lower Upper

42 100

74 115.8 96.0 144.0

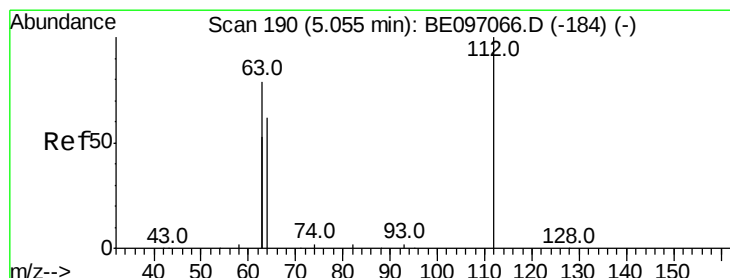
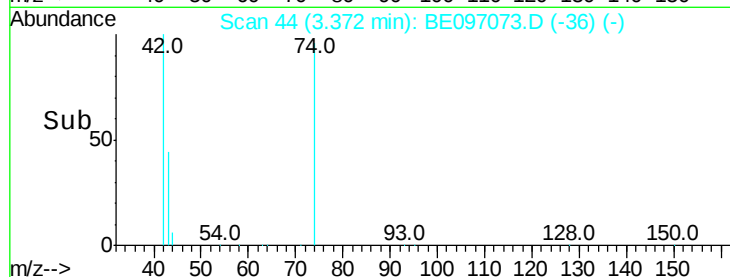
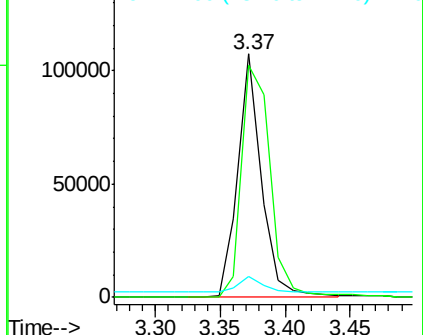
44 6.2 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 1.924 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

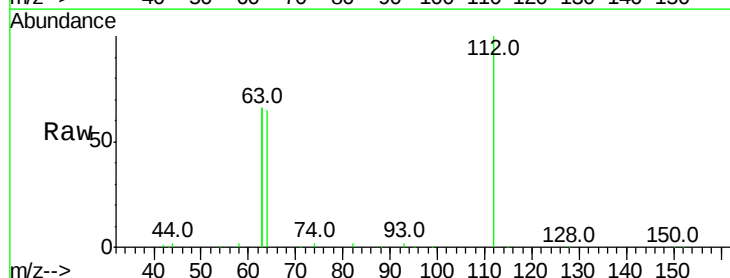
Tgt Ion: 112 Resp: 356045

Ion Ratio Lower Upper

112 100

64 69.0 60.1 90.1

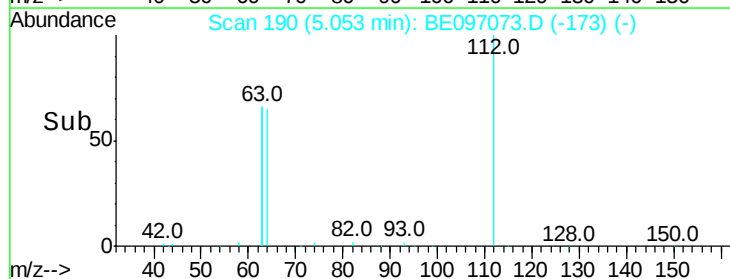
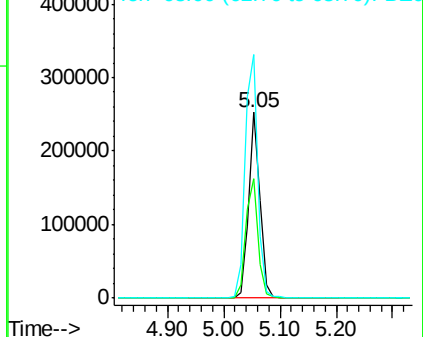
63 146.2 116.8 175.2

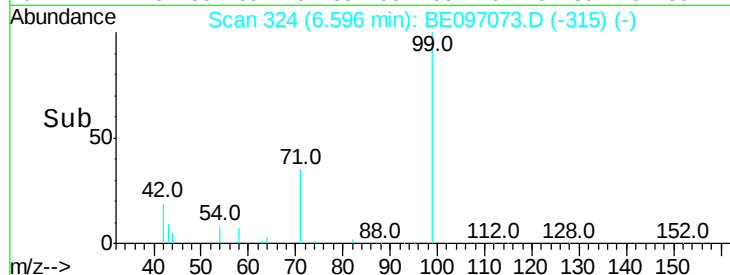
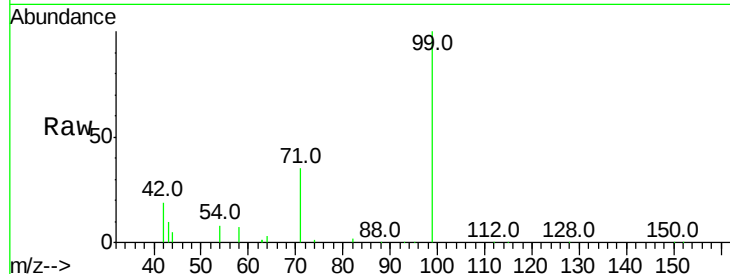
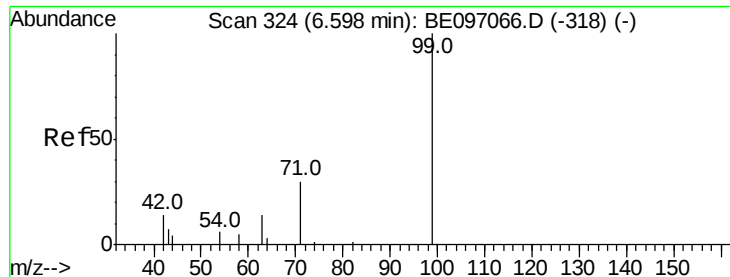


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.120 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

Instrument :

BNA_E

ClientSampleId :

PB111338BS

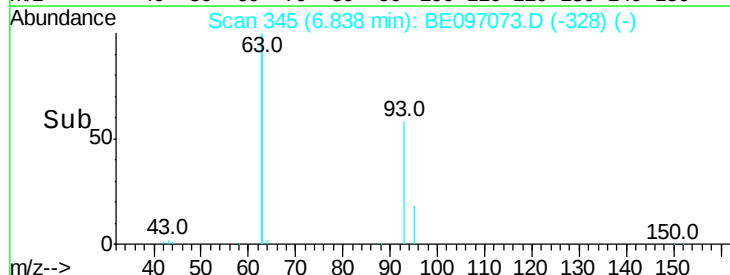
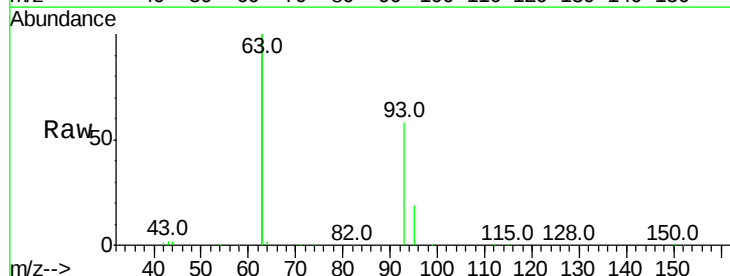
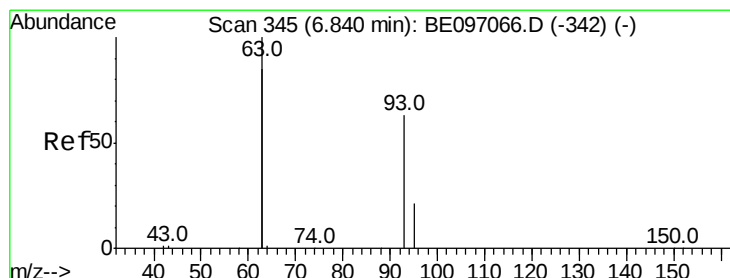
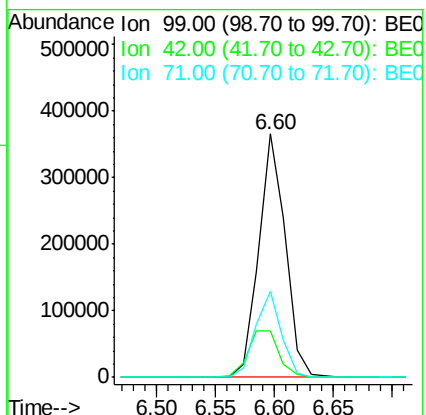
Tot Ion: 99 Resp: 575597

Ion Ratio Lower Upper

99 100

42 22.5 20.2 30.2

71 34.7 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.922 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

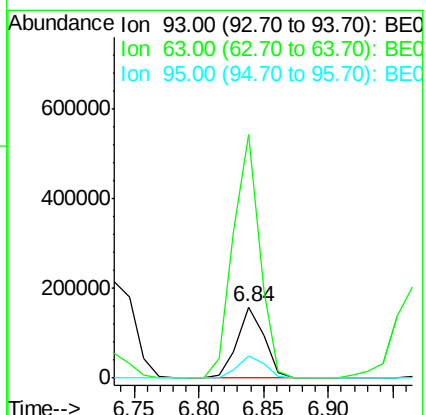
Tgt Ion: 93 Resp: 228464

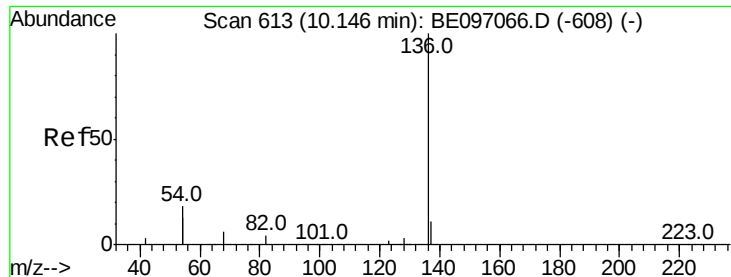
Ion Ratio Lower Upper

93 100

63 339.0 275.3 412.9

95 32.3 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

Instrument :

BNA_E

ClientSampleId :

PB111338BS

Tot Ion:136 Resp: 345755

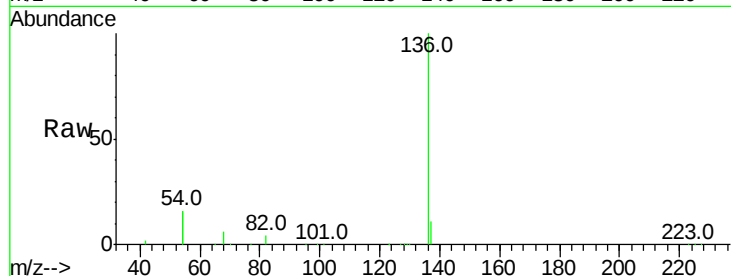
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 32.5 29.1 43.7

68 6.3 6.2 9.2

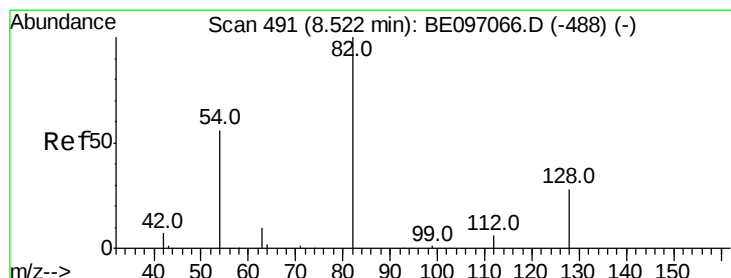
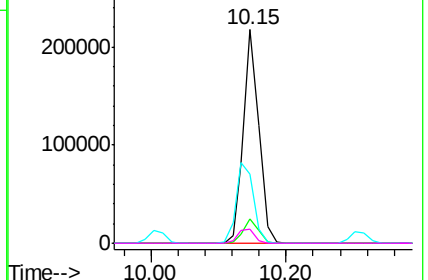
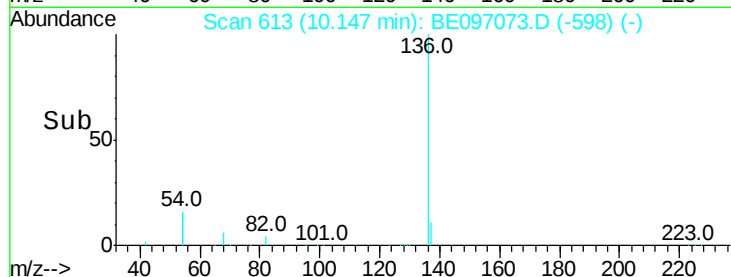


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.104 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

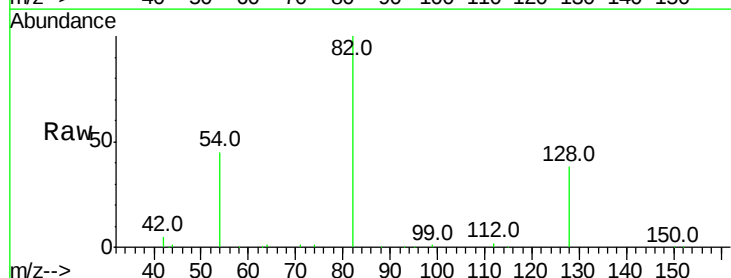
Tgt Ion: 82 Resp: 631876

Ion Ratio Lower Upper

82 100

128 38.0 24.0 36.0#

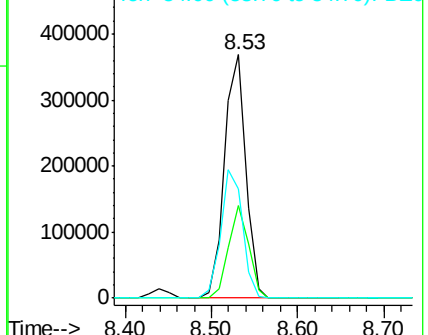
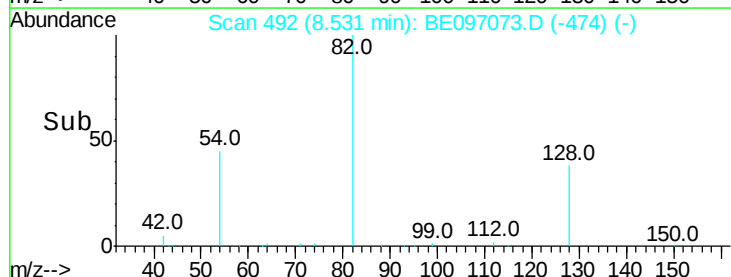
54 44.8 40.0 60.0

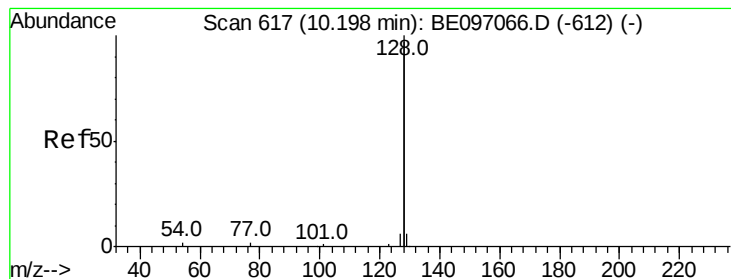


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.954 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

Instrument :

BNA_E

ClientSampleId :

PB111338BS

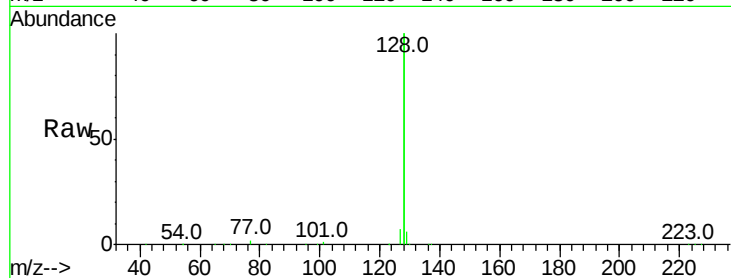
Tot Ion:128 Resp: 2961073

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

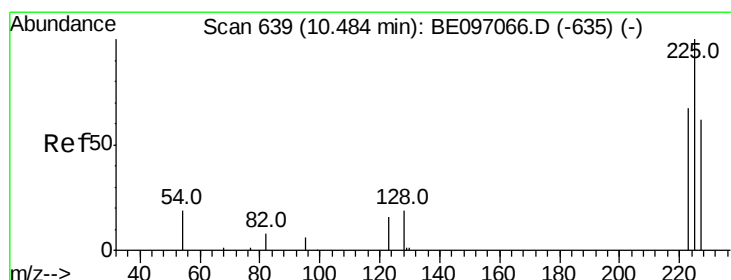
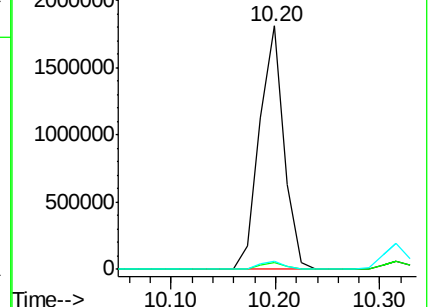
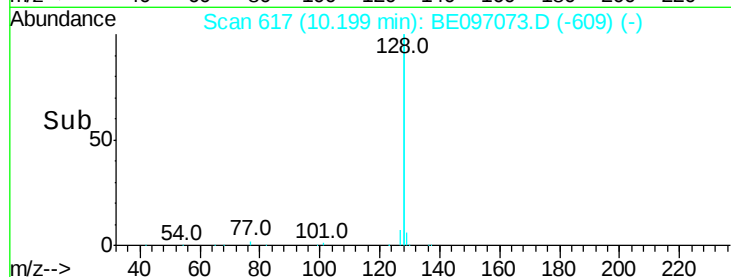
127 3.3 2.8 4.2



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



#10

Hexachlorobutadiene

Concen: 0.858 ng

RT: 10.48 min Scan# 639

Delta R.T. 0.00 min

Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

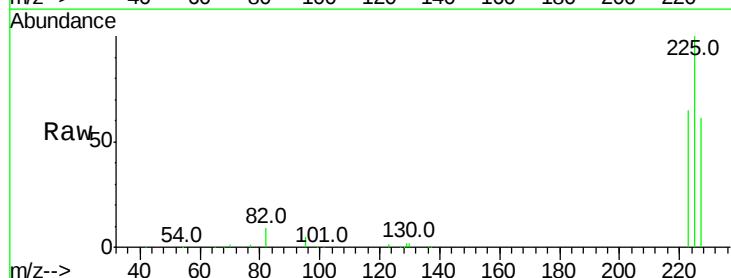
Tgt Ion:225 Resp: 119345

Ion Ratio Lower Upper

225 100

223 62.7 53.0 79.6

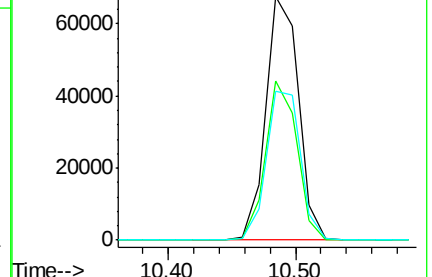
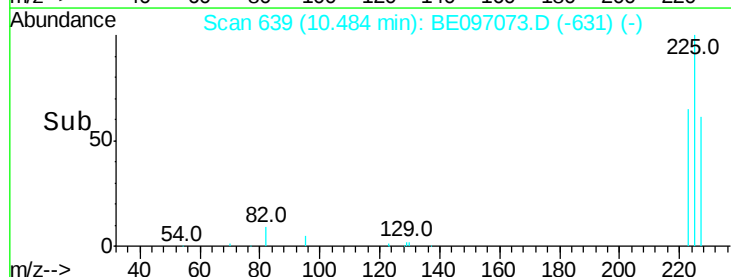
227 63.9 51.4 77.2

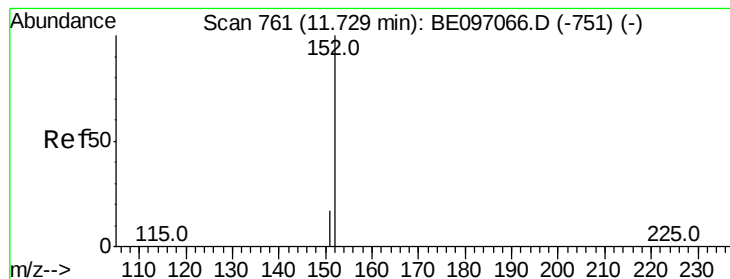


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.001 ng

RT: 11.71 min Scan# 756

Delta R.T. -0.02 min

Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

Instrument :

BNA_E

ClientSampleId :

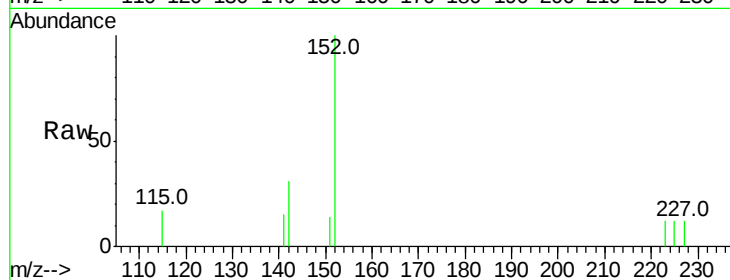
PB111338BS

Tot Ion:152 Resp: 599

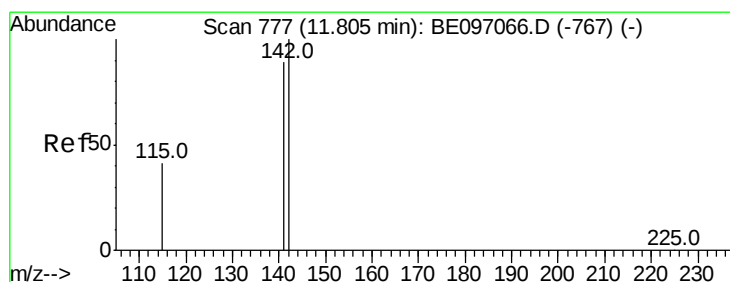
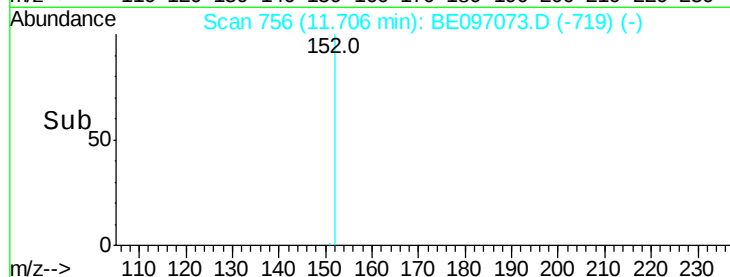
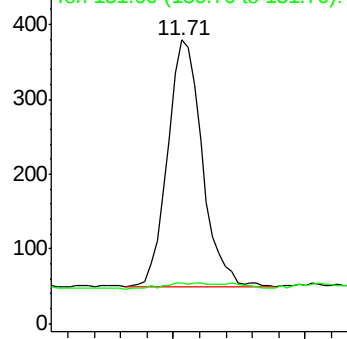
Ion Ratio Lower Upper

152 100

151 2.0 15.4 23.0#



Abundance Ion 152.00 (151.70 to 152.70): E



#12

2-Methylnaphthalene

Concen: 0.975 ng

RT: 11.81 min Scan# 777

Delta R.T. 0.00 min

Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

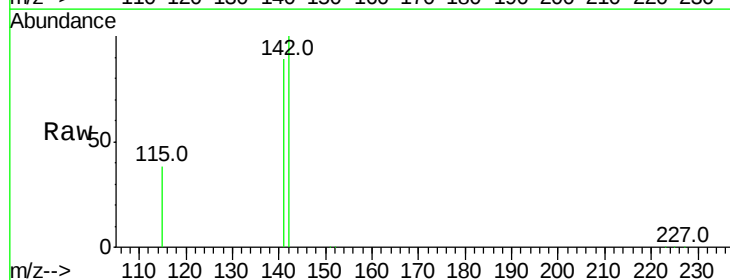
Tgt Ion:142 Resp: 519424

Ion Ratio Lower Upper

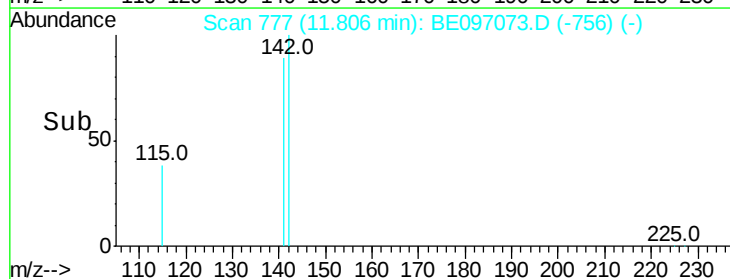
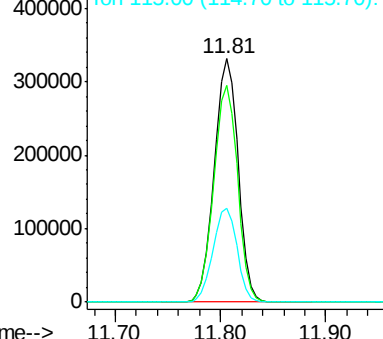
142 100

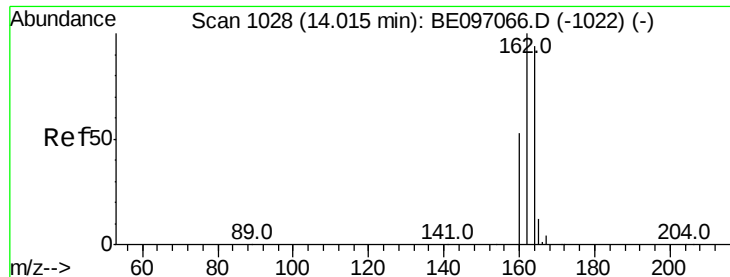
141 89.1 70.4 105.6

115 38.5 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

Instrument :

BNA_E

ClientSampleId :

PB111338BS

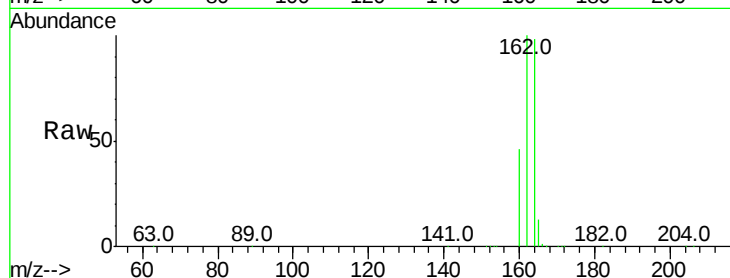
Tot Ion:164 Resp: 217986

Ion Ratio Lower Upper

164 100

162 101.6 83.1 124.7

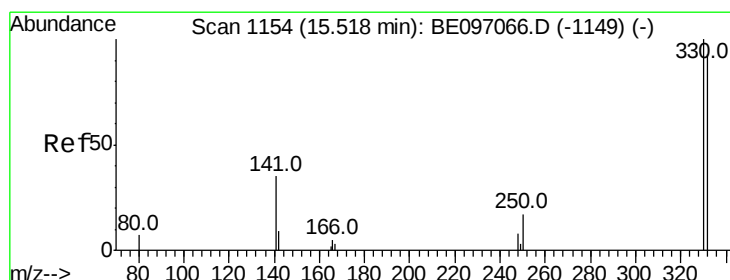
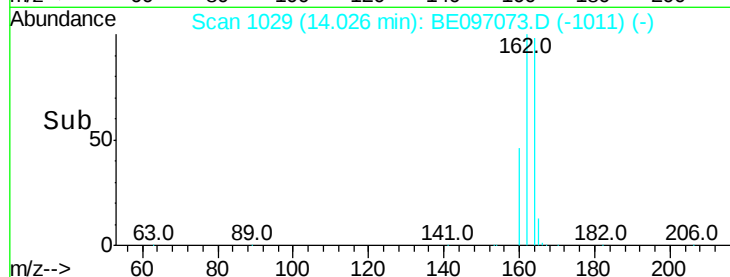
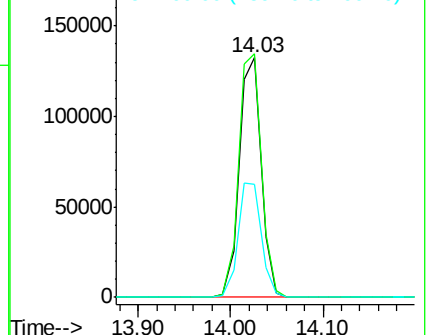
160 47.2 37.1 55.7



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: 3.036 ng

RT: 15.53 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

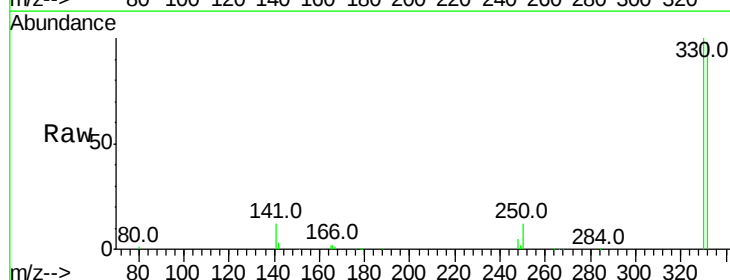
Tgt Ion:330 Resp: 217812

Ion Ratio Lower Upper

330 100

332 95.9 152.7 229.1#

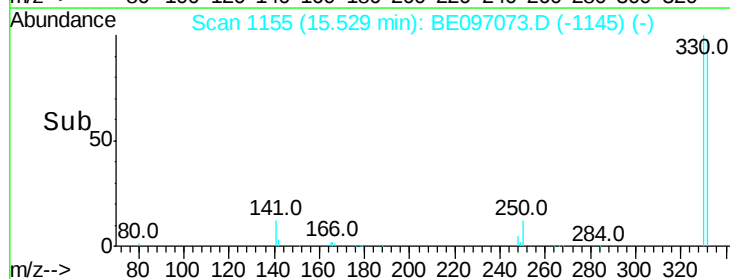
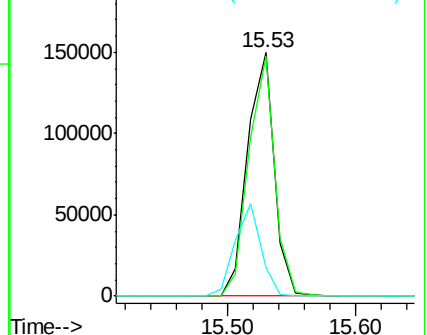
141 36.7 33.7 50.5

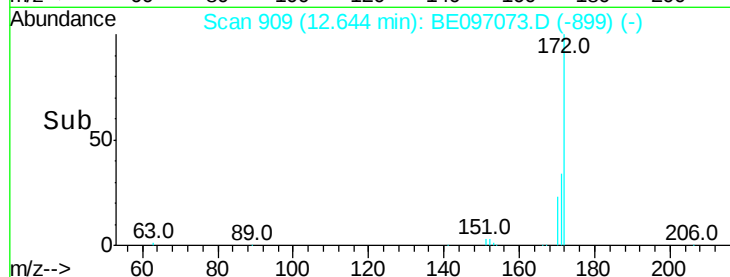
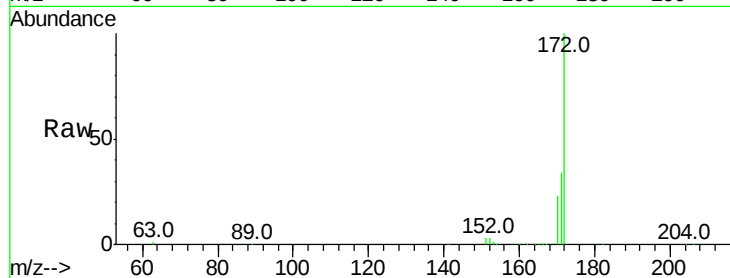
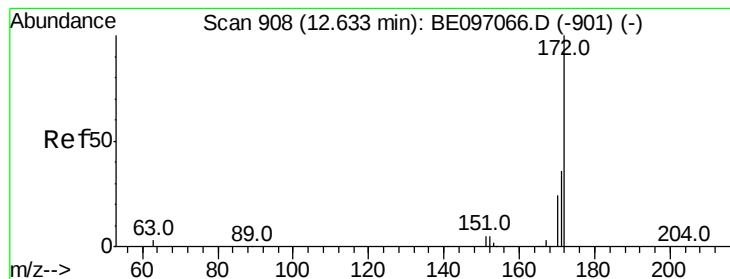


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 1.748 ng

RT: 12.64 min Scan# 909

Delta R.T. 0.01 min

Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

Instrument :

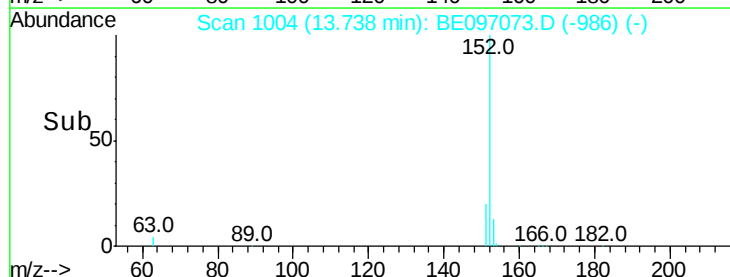
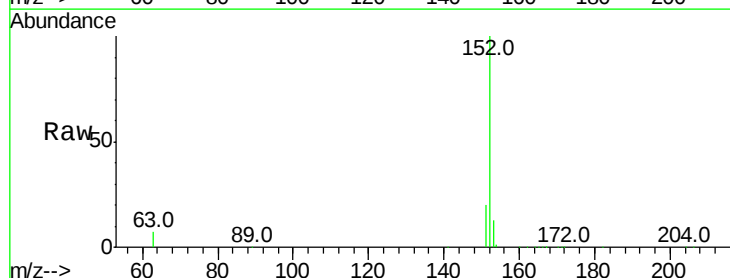
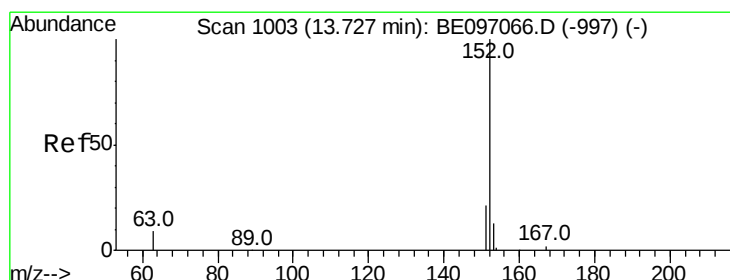
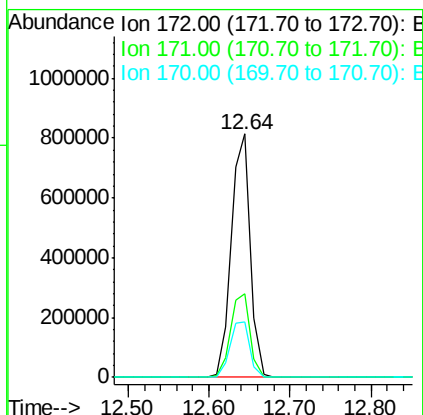
BNA_E

ClientSampleId :

PB111338BS

Tot Ion:172 Resp: 1315749

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.9	44.9
170	22.7	21.8	32.8



#16

Acenaphthylene

Concen: 0.966 ng

RT: 13.74 min Scan# 1004

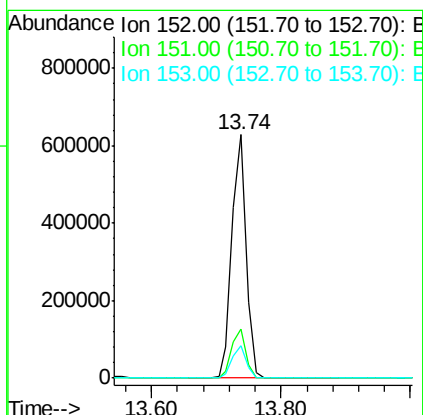
Delta R.T. 0.01 min

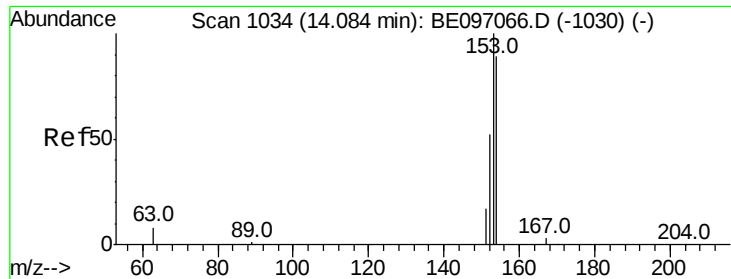
Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

Tgt Ion:152 Resp: 945457

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.7	23.5
153	13.3	10.5	15.7





#17

Acenaphthene

Concen: 1.007 ng

RT: 14.08 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

Instrument :

BNA_E

ClientSampleId :

PB111338BS

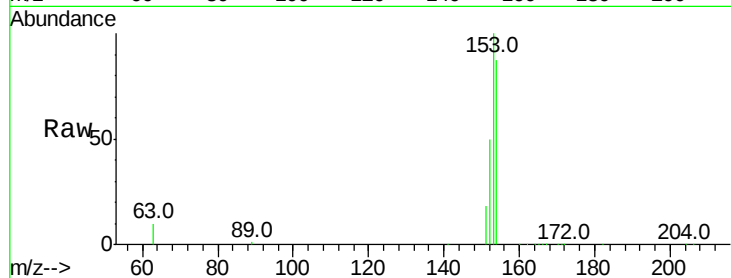
Tot Ion:154 Resp: 572818

Ion Ratio Lower Upper

154 100

153 113.7 89.2 133.8

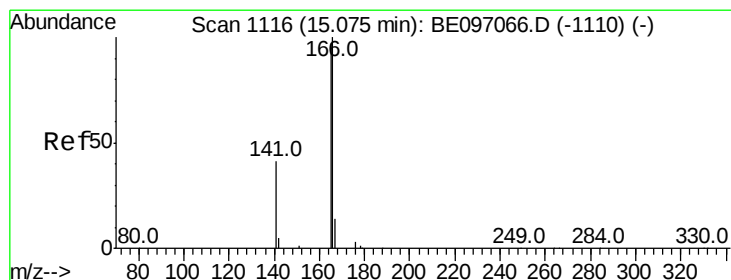
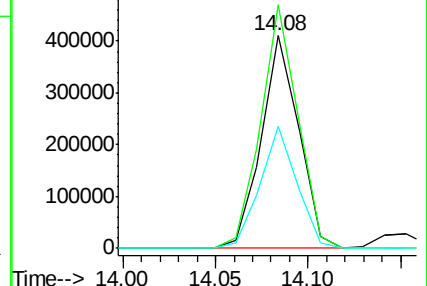
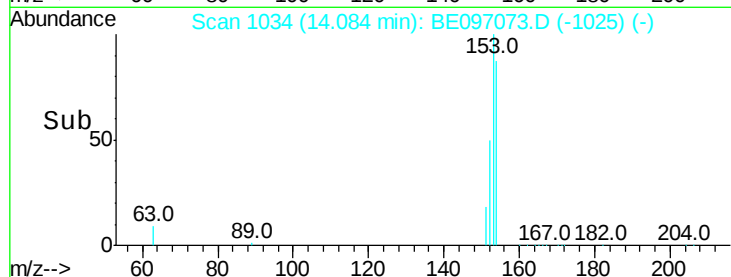
152 56.8 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.983 ng

RT: 15.07 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

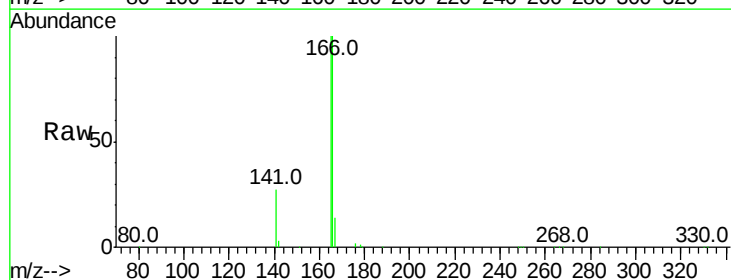
Tgt Ion:166 Resp: 738681

Ion Ratio Lower Upper

166 100

165 99.4 77.8 116.6

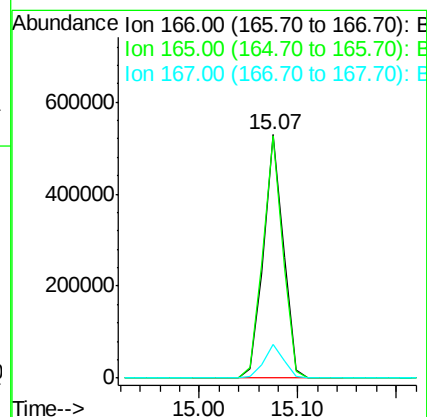
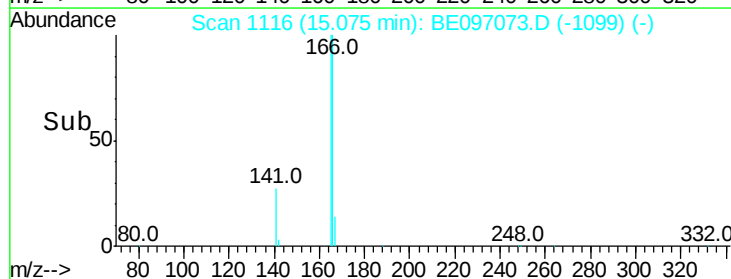
167 13.7 42.4 63.6#

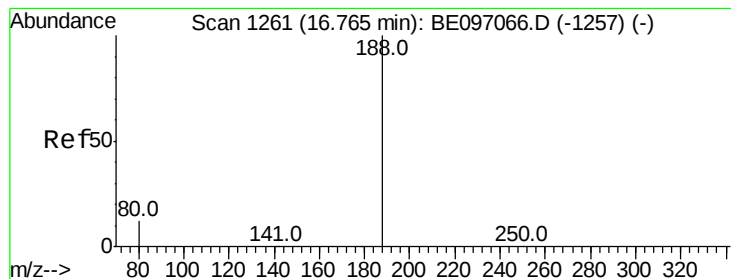


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.78 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

Instrument :

BNA_E

ClientSampleId :

PB111338BS

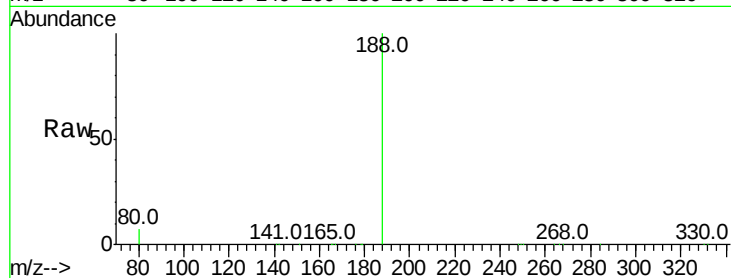
Tot Ion:188 Resp: 557128

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

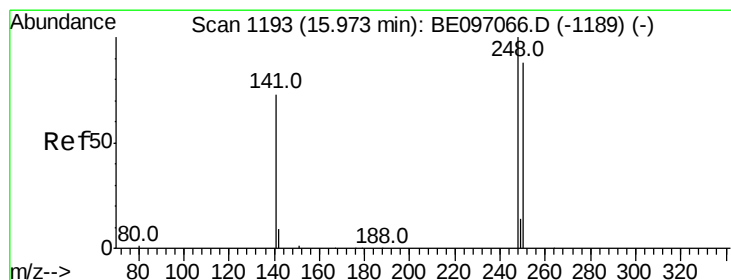
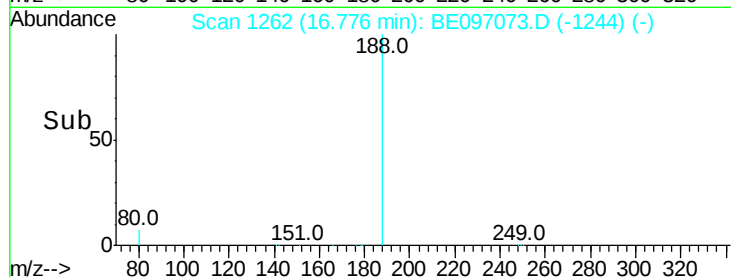
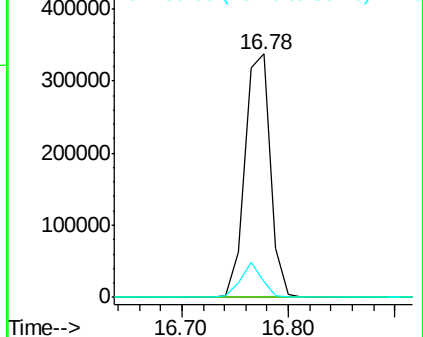
80 6.6 3.6 5.4#



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



#20

4-Bromophenyl-phenylether

Concen: 0.895 ng

RT: 15.97 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

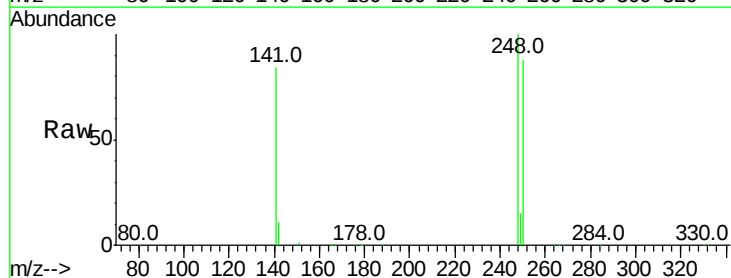
Tgt Ion:248 Resp: 242211

Ion Ratio Lower Upper

248 100

250 88.1 62.7 94.1

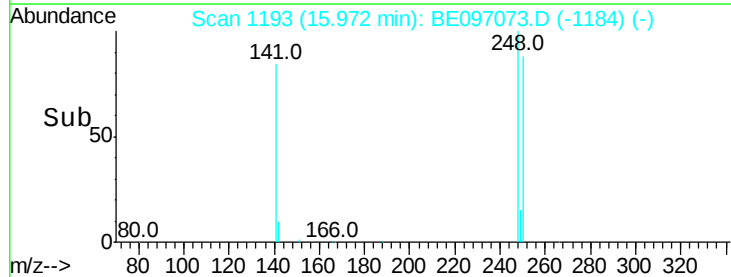
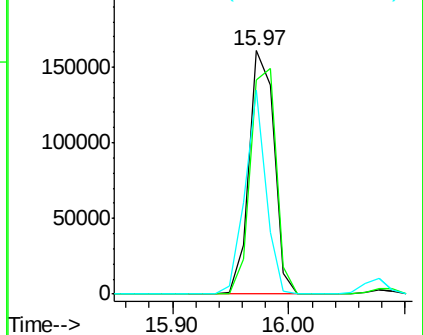
141 83.9 48.2 72.2#

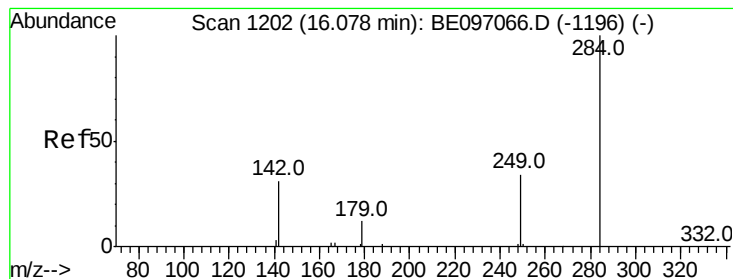


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.862 ng

RT: 16.09 min Scan# 1203

Delta R.T. 0.01 min

Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

Instrument :

BNA_E

ClientSampleId :

PB111338BS

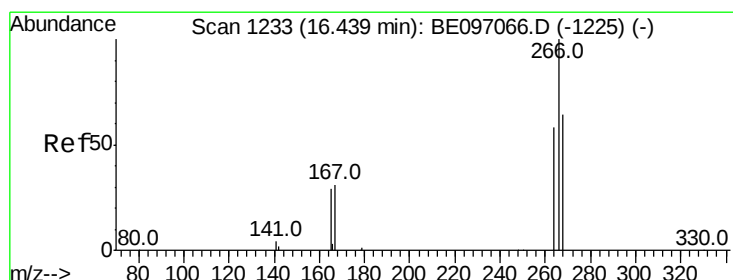
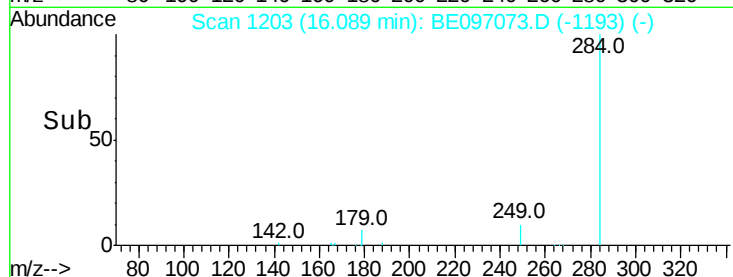
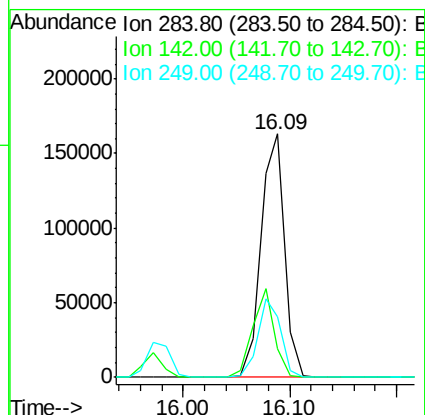
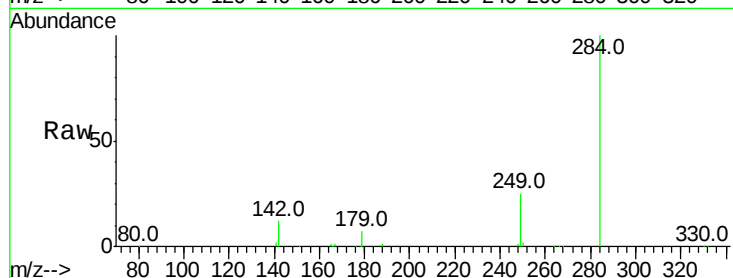
Tot Ion:284 Resp: 250347

Ion Ratio Lower Upper

284 100

142 33.2 22.1 33.1#

249 31.3 34.8 52.2#



#22

Pentachlorophenol

Concen: 1.793 ng

RT: 16.43 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

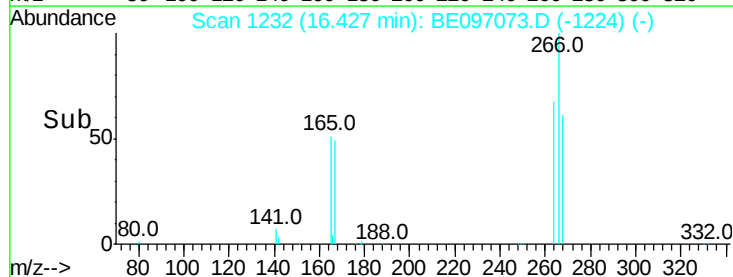
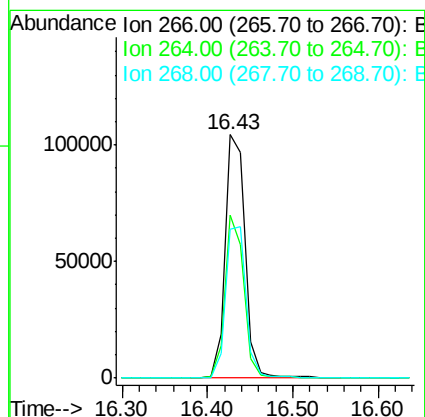
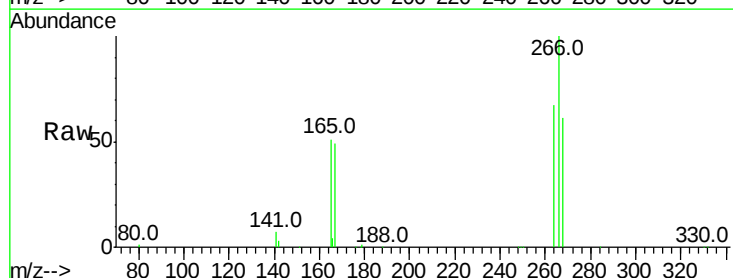
Tgt Ion:266 Resp: 170160

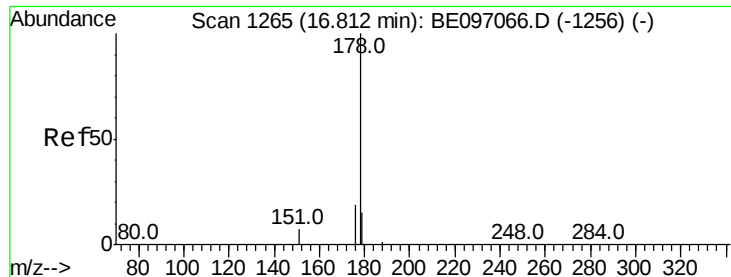
Ion Ratio Lower Upper

266 100

264 67.0 72.5 108.7#

268 61.0 73.8 110.6#





#23

Phenanthrene

Concen: 0.958 ng

RT: 16.81 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

Instrument :

BNA_E

ClientSampleId :

PB111338BS

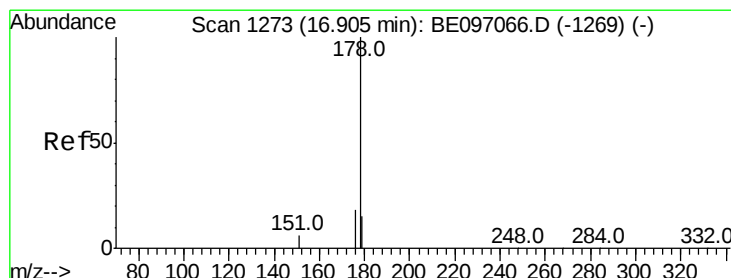
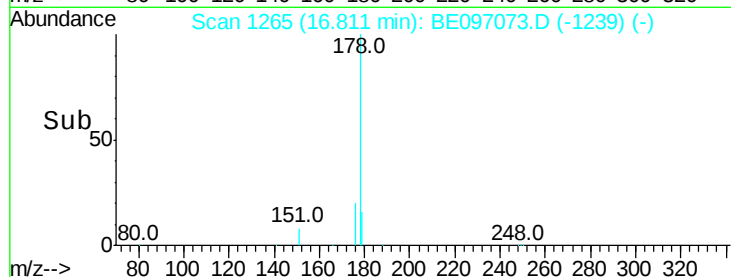
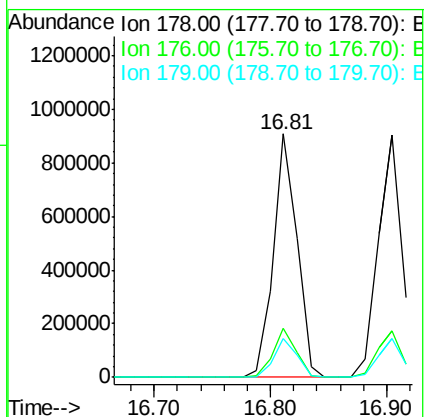
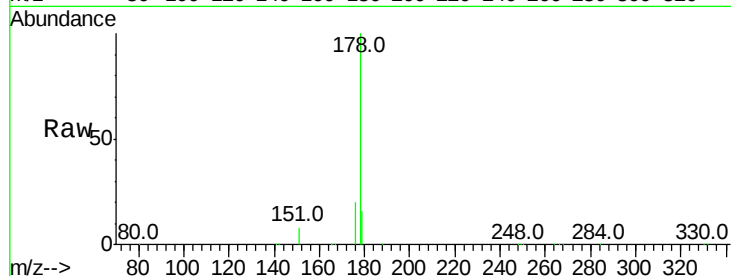
Tot Ion:178 Resp: 1272616

Ion Ratio Lower Upper

178 100

176 19.9 15.1 22.7

179 15.8 11.8 17.6



#24

Anthracene

Concen: 1.077 ng

RT: 16.90 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

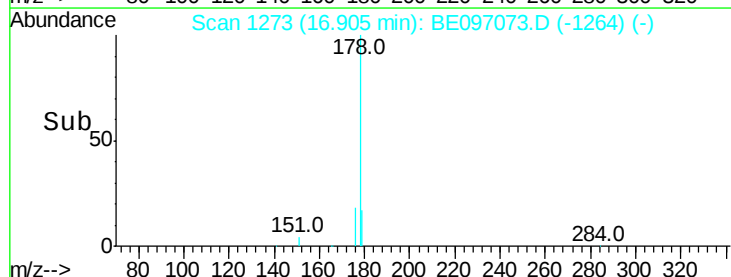
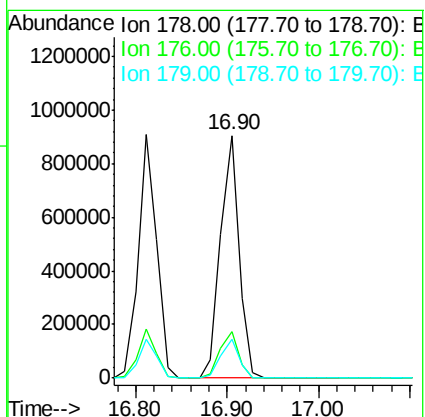
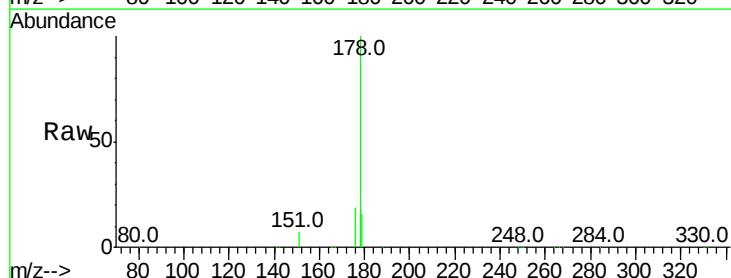
Tgt Ion:178 Resp: 1279490

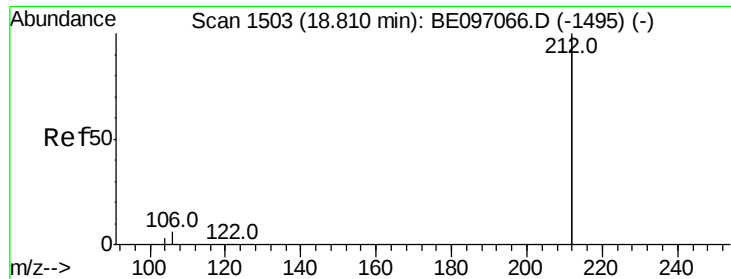
Ion Ratio Lower Upper

178 100

176 19.3 12.8 19.2#

179 15.9 13.0 19.6





#25

Fluoranthene-d10

Concen: 0.000 ng

RT: 18.81 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

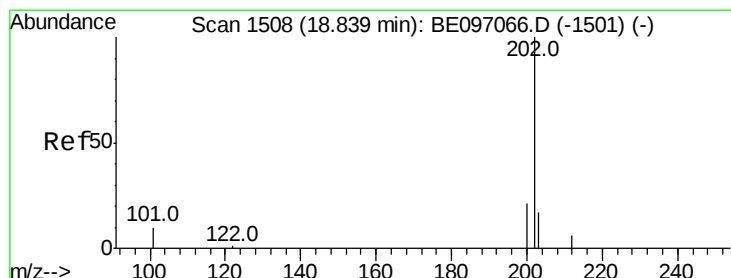
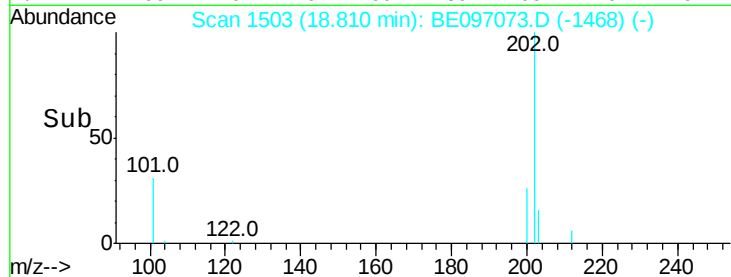
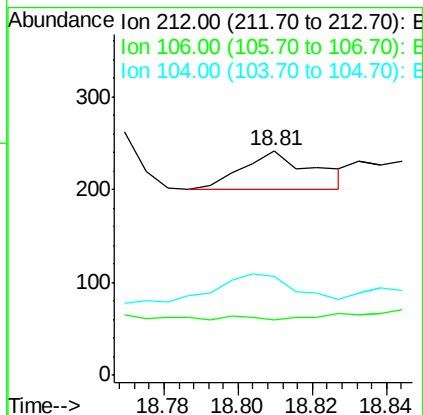
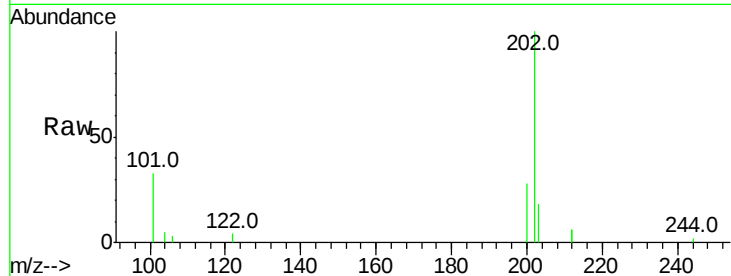
Instrument :

BNA_E

ClientSampleId :

PB111338BS

Tot Ion:	212	Resp:	55
Ion	Ratio	Lower	Upper
212	100		
106	9.1	2.8	4.2#
104	80.0	1.6	2.4#



#26

Fluoranthene

Concen: 1.022 ng

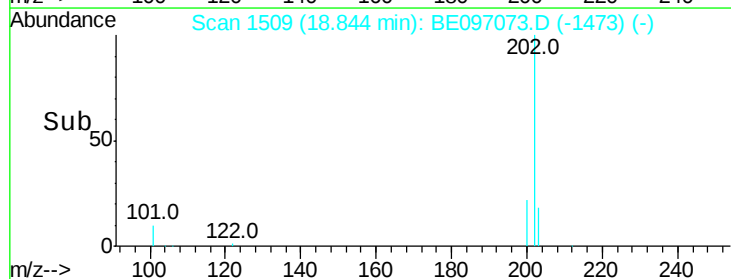
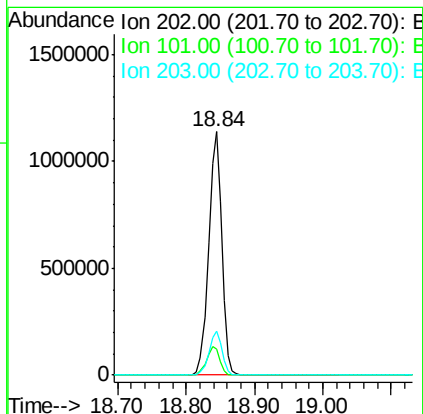
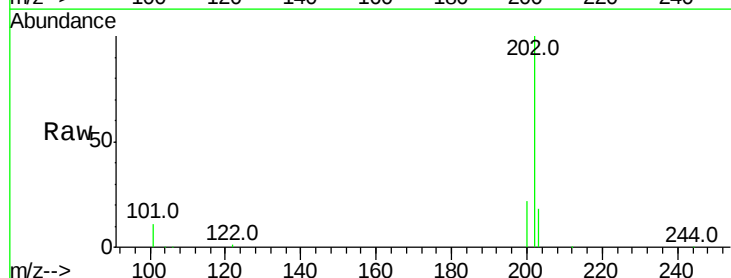
RT: 18.84 min Scan# 1509

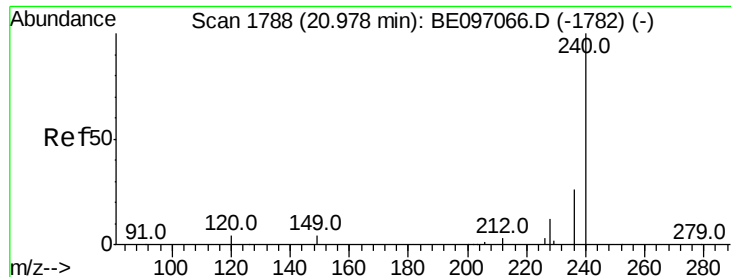
Delta R.T. 0.01 min

Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

Tgt Ion:	202	Resp:	1522423
Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.8	14.8
203	18.0	13.7	20.5

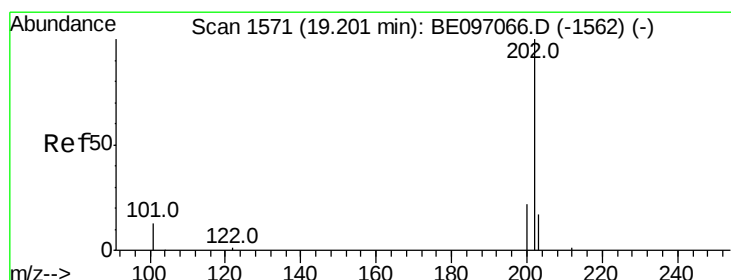
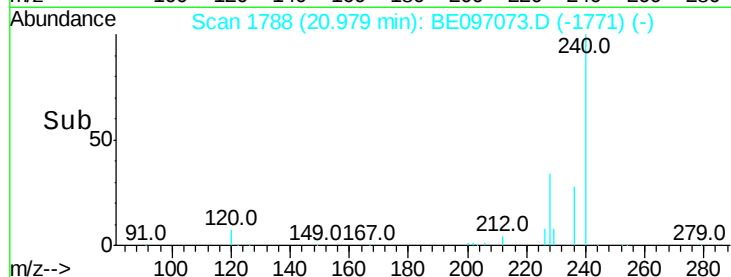
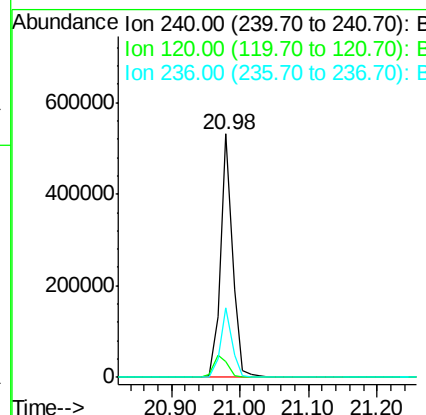
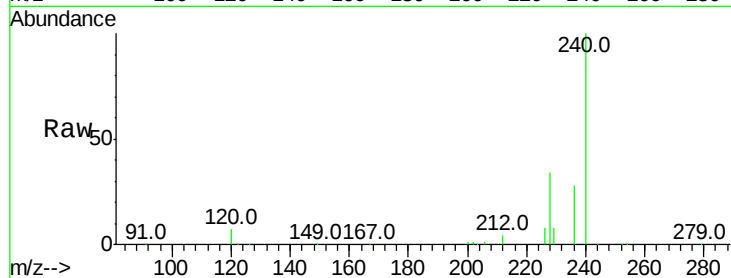




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.98 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: BE097073.D
 Acq: 24 Jul 2018 15:58

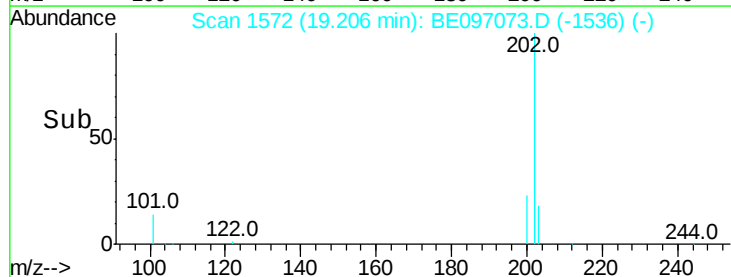
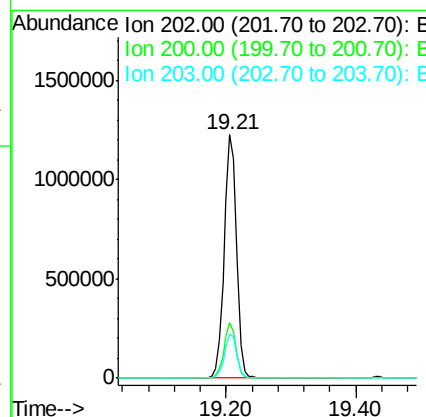
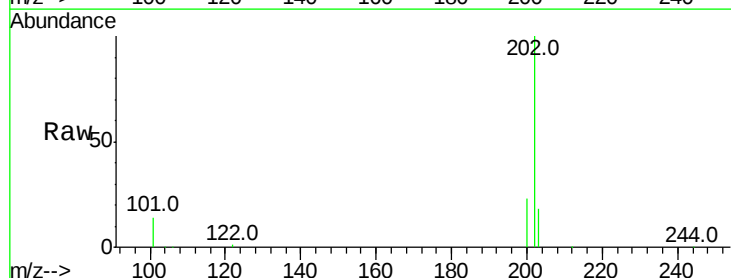
Instrument :
 BNA_E
 ClientSampleId :
 PB111338BS

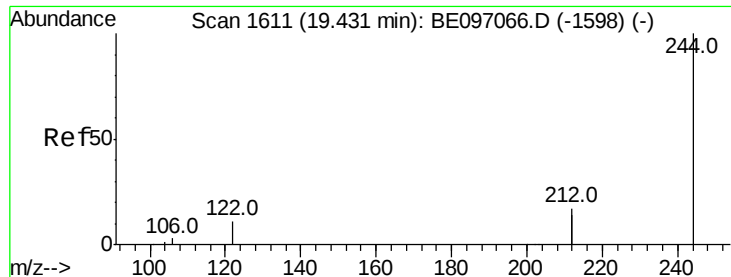
Tot Ion:240 Resp: 646184
 Ion Ratio Lower Upper
 240 100
 120 6.5 5.5 8.3
 236 28.5 20.7 31.1



#28
 Pyrene
 Concen: 0.923 ng
 RT: 19.21 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: BE097073.D
 Acq: 24 Jul 2018 15:58

Tgt Ion:202 Resp: 1636864
 Ion Ratio Lower Upper
 202 100
 200 22.0 16.6 25.0
 203 18.1 13.8 20.8





#29

Terphenyl-d14

Concen: 1.754 ng

RT: 19.44 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

Instrument :

BNA_E

ClientSampleId :

PB111338BS

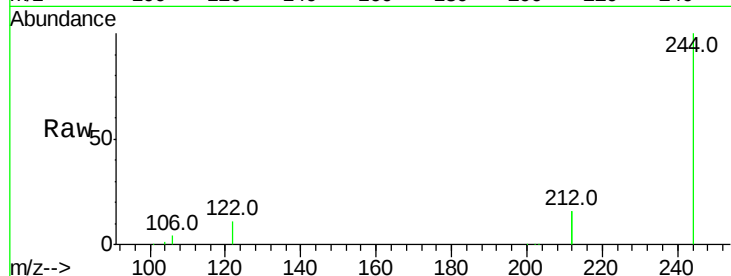
Tot Ion:244 Resp: 2178073

Ion Ratio Lower Upper

244 100

212 32.8 25.4 38.0

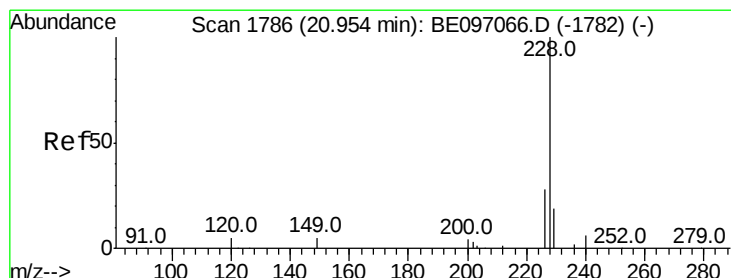
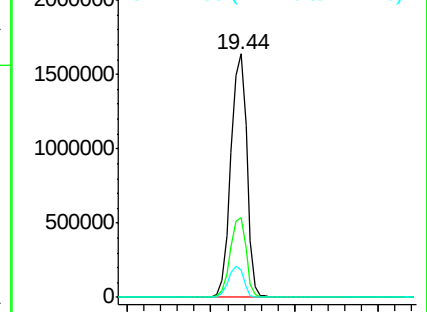
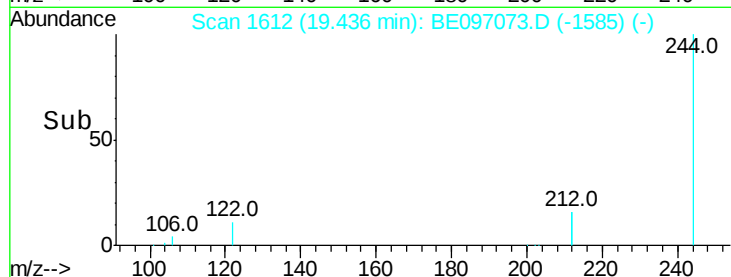
122 11.3 8.1 12.1



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



#30

Benzo(a)anthracene

Concen: 1.058 ng

RT: 20.97 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

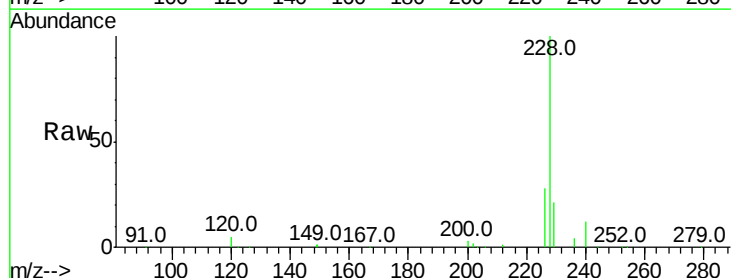
Tgt Ion:228 Resp: 1700157

Ion Ratio Lower Upper

228 100

226 27.8 24.0 36.0

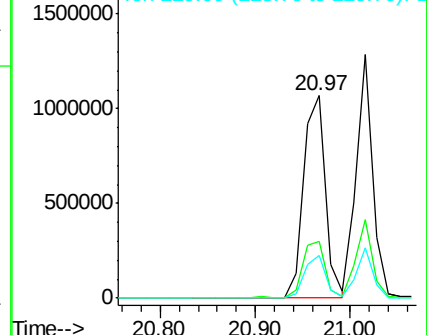
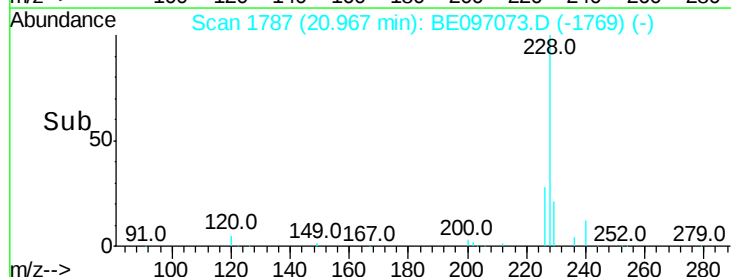
229 20.9 16.0 24.0

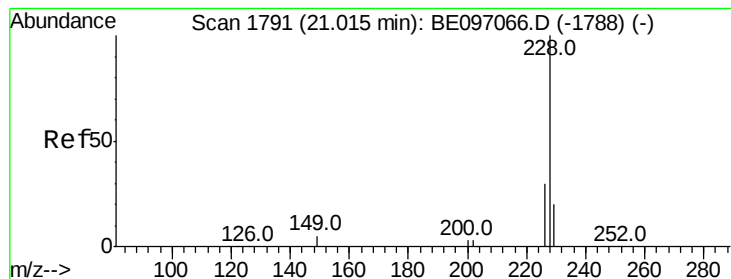


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



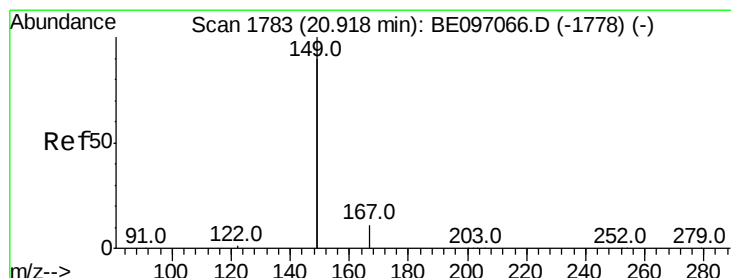
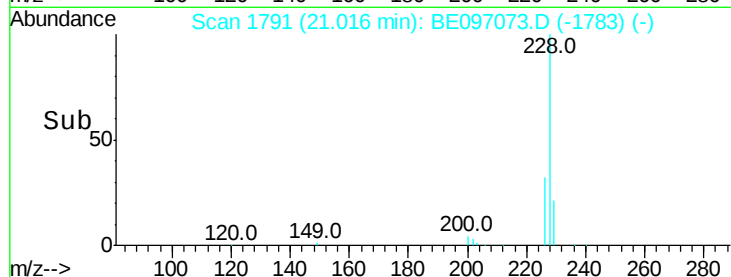
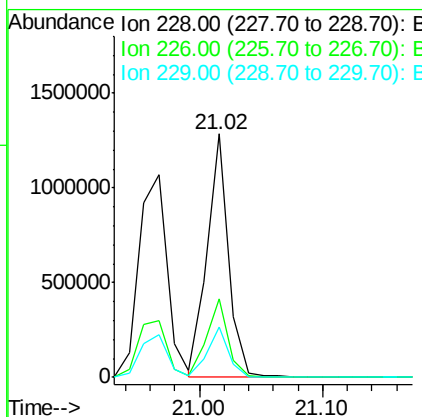
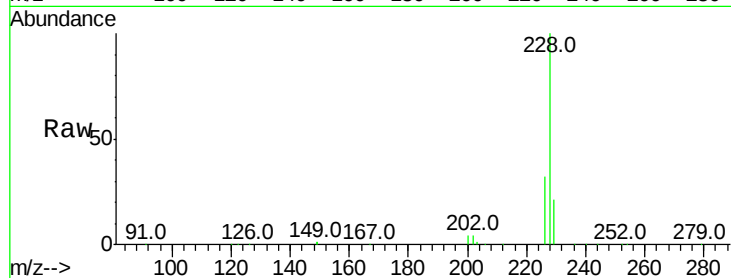


#31
 Chrysene
 Concen: 0.901 ng
 RT: 21.02 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BE097073.D
 Acq: 24 Jul 2018 15:58

Instrument :
 BNA_E
 ClientSampleId :
 PB111338BS

Tot Ion:228 Resp: 1553606

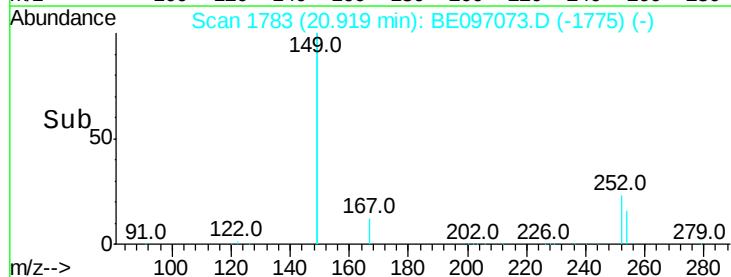
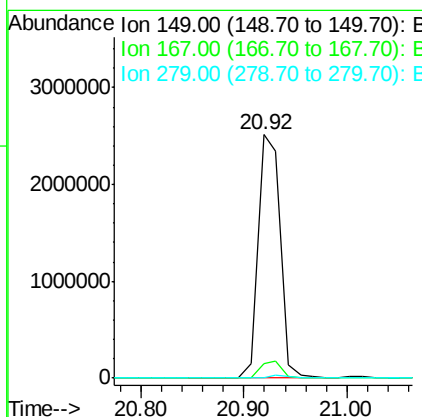
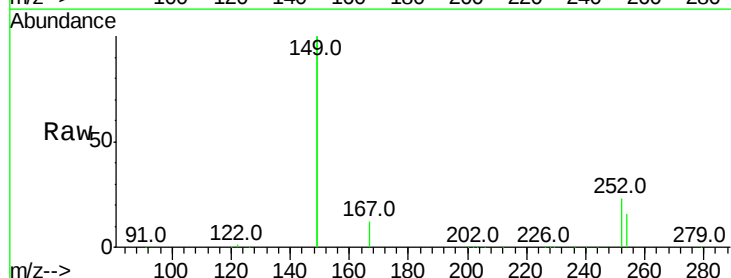
Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.0	36.0
229	20.7	16.0	24.0

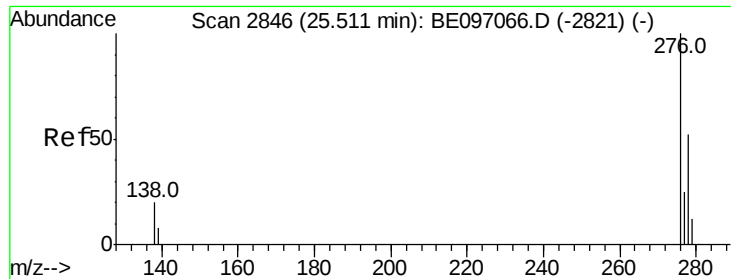


#32
 Bis(2-ethylhexyl)phthalate
 Concen: 1.795 ng
 RT: 20.92 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BE097073.D
 Acq: 24 Jul 2018 15:58

Tgt Ion:149 Resp: 3774865

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	1.0	0.7	1.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 1.203 ng

RT: 25.52 min Scan# 2849

Delta R.T. 0.01 min

Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

Instrument :

BNA_E

ClientSampleId :

PB111338BS

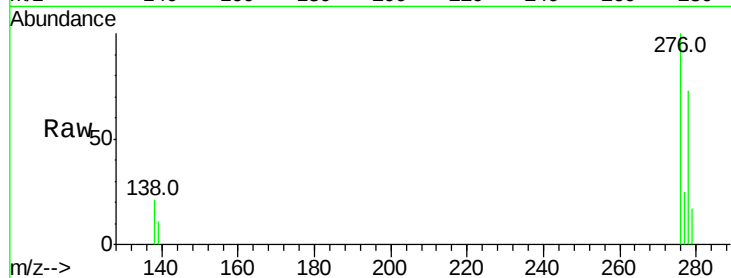
Tot Ion:276 Resp: 1877359

Ion Ratio Lower Upper

276 100

138 21.6 22.5 33.7#

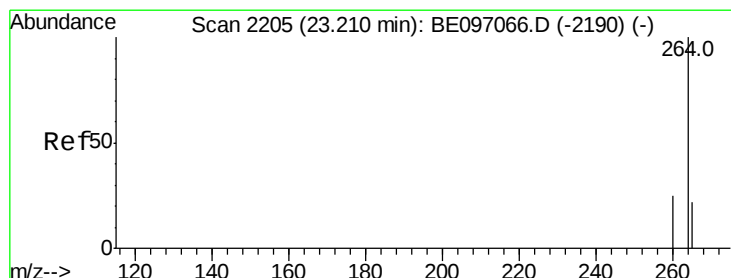
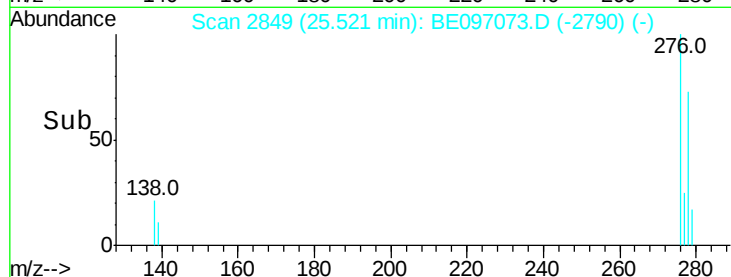
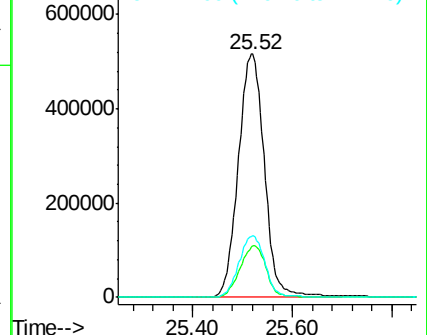
277 25.5 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

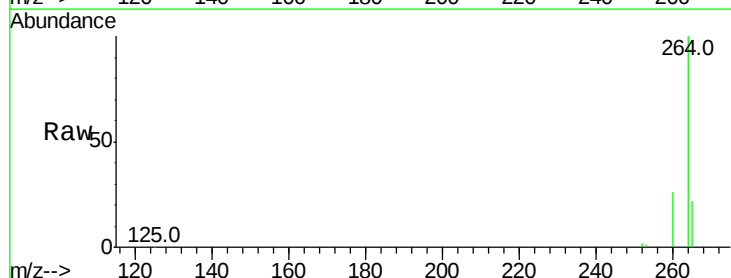
Tgt Ion:264 Resp: 601369

Ion Ratio Lower Upper

264 100

260 25.7 20.5 30.7

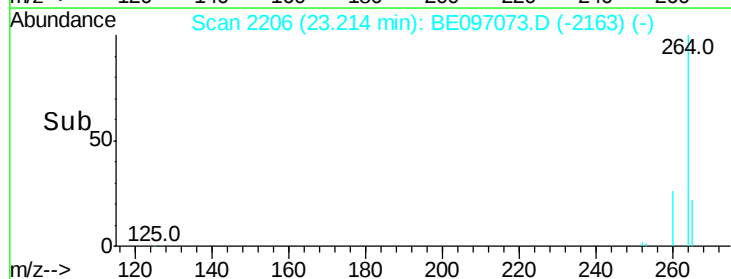
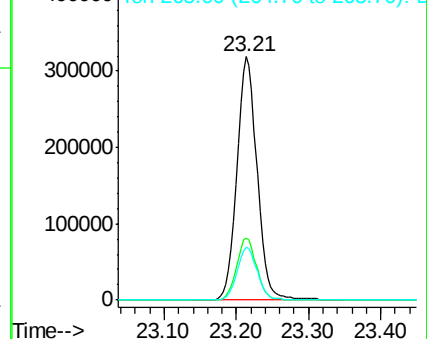
265 21.9 22.8 34.2#

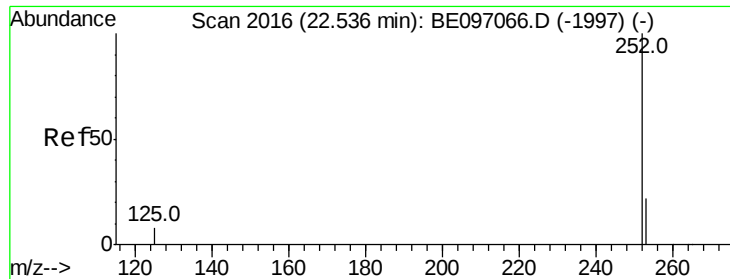


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 1.000 ng

RT: 22.54 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

Instrument :

BNA_E

ClientSampleId :

PB111338BS

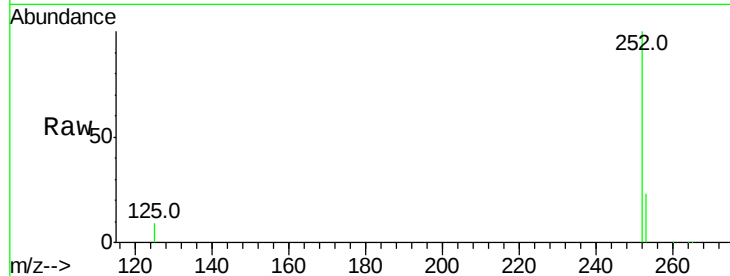
Tot Ion:252 Resp: 1525828

Ion Ratio Lower Upper

252 100

253 22.8 20.0 30.0

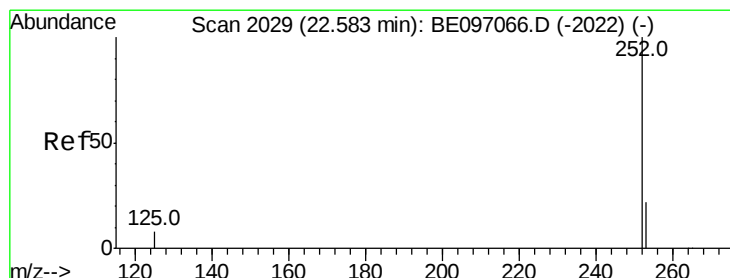
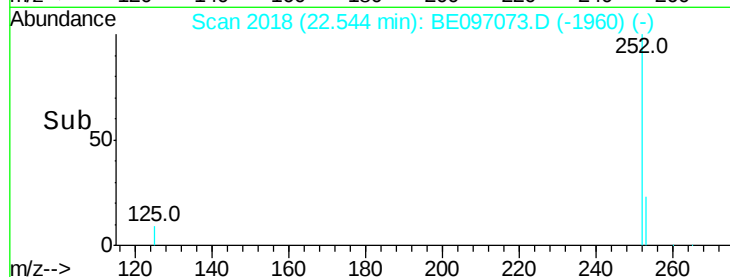
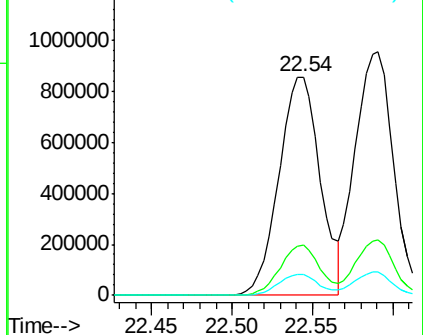
125 9.4 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.910 ng

RT: 22.59 min Scan# 2031

Delta R.T. 0.01 min

Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

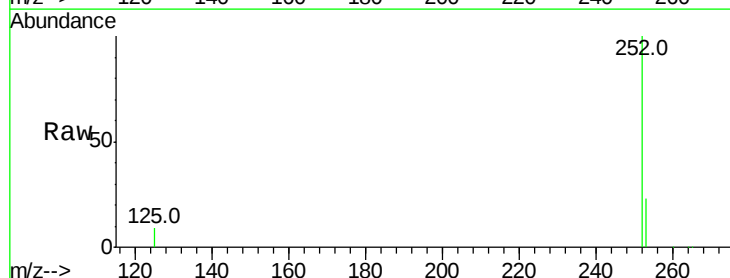
Tgt Ion:252 Resp: 1621495

Ion Ratio Lower Upper

252 100

253 22.6 16.0 24.0

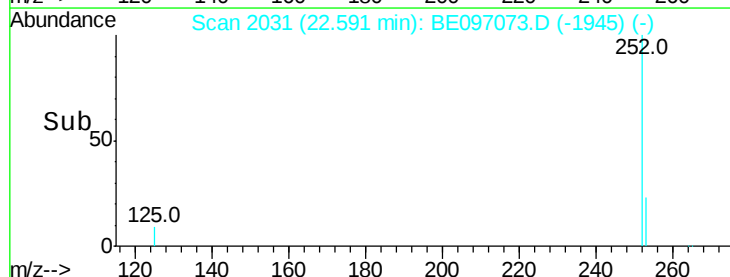
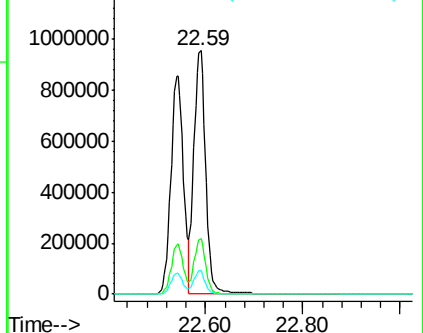
125 9.4 8.0 12.0

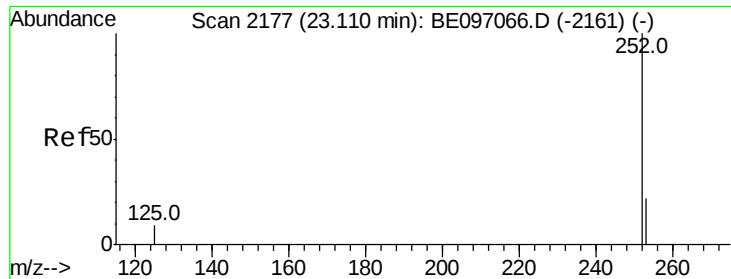


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

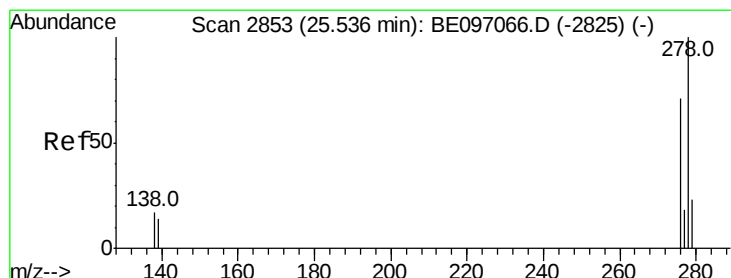
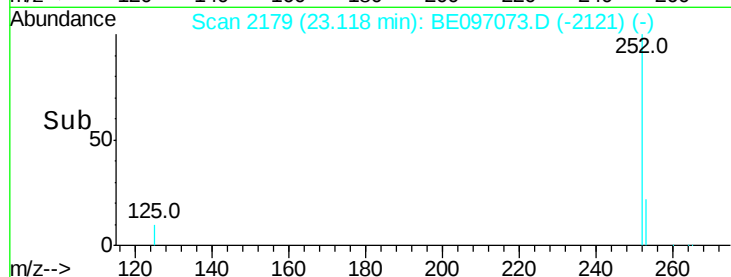
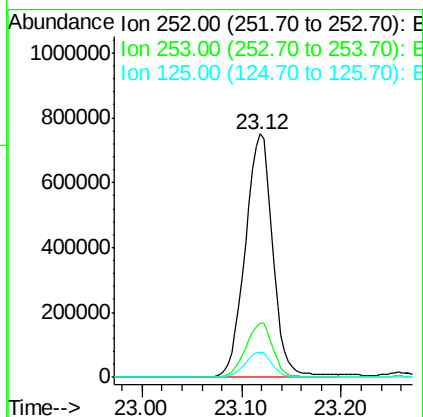
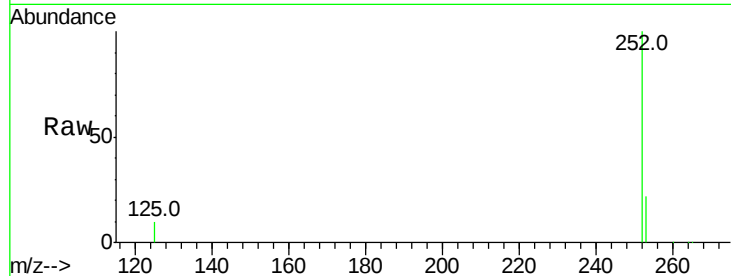




#37
Benzo(a)pyrene
Concen: 0.998 ng
RT: 23.12 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BE097073.D
Acq: 24 Jul 2018 15:58

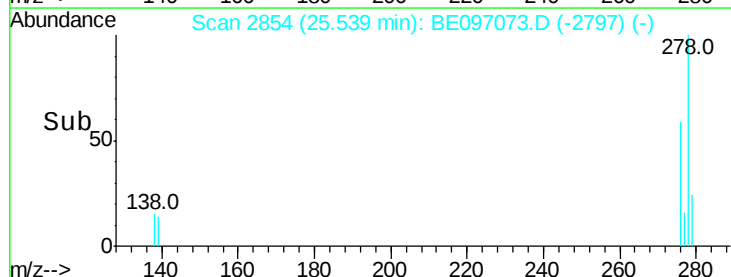
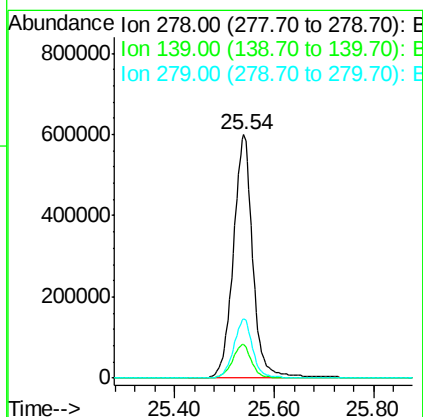
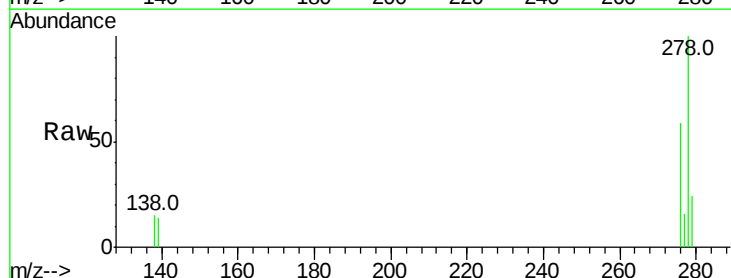
Instrument :
BNA_E
ClientSampleId :
PB111338BS

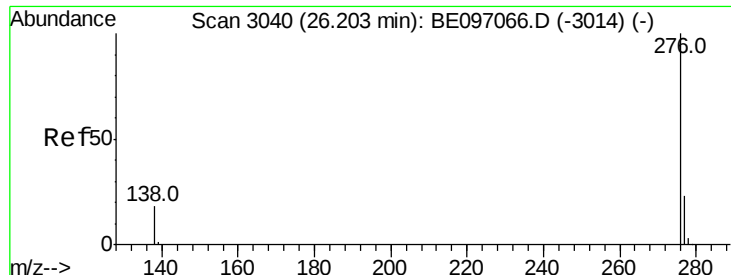
Tot Ion:252 Resp: 1432135
Ion Ratio Lower Upper
252 100
253 22.4 16.0 24.0
125 10.4 12.0 18.0#



#38
Dibenzo(a,h)anthracene
Concen: 1.136 ng
RT: 25.54 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE097073.D
Acq: 24 Jul 2018 15:58

Tgt Ion:278 Resp: 1628278
Ion Ratio Lower Upper
278 100
139 13.8 16.0 24.0#
279 24.3 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 0.980 ng

RT: 26.22 min Scan# 3045

Delta R.T. 0.02 min

Lab File: BE097073.D

Acq: 24 Jul 2018 15:58

Instrument :

BNA_E

ClientSampleId :

PB111338BS

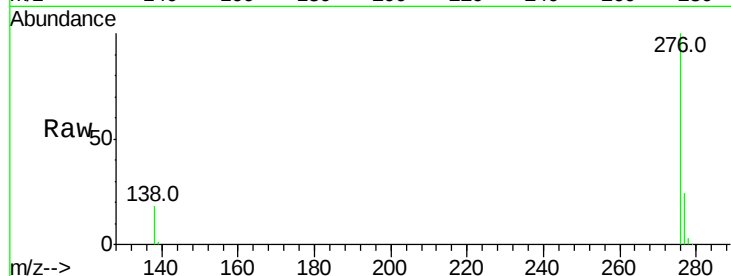
Tot Ion:276 Resp: 1490635

Ion Ratio Lower Upper

276 100

277 24.2 16.0 24.0#

138 18.5 20.0 30.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

