

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092418\
 Data File : BE097649.D
 Acq On : 24 Sep 2018 17:34
 Operator : SJ/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 24 18:14:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 16:35:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	775	0.40	ng	-0.01
7) Naphthalene-d8	10.12	136	3862	0.40	ng	-0.01
13) Acenaphthene-d10	13.99	164	2626	0.40	ng	-0.01
19) Phenanthrene-d10	16.74	188	7965	0.40	ng	-0.01
27) Chrysene-d12	20.95	240	9770	0.40	ng	-0.01
34) Perylene-d12	23.20	264	8133	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	6915	2.98	ng	-0.01
5) Phenol-d6	6.58	99	10161	3.42	ng	-0.04
8) Nitrobenzene-d5	8.51	82	9393	3.15	ng	-0.04
11) 2-Methylnaphthalene-d10	11.70	152	18268	3.43	ng	-0.02
14) 2,4,6-Tribromophenol	15.51	330	4625	4.24	ng	-0.02
15) 2-Fluorobiphenyl	12.61	172	27274	2.94	ng	-0.02
25) Fluoranthene-d10	18.79	212	295052	2.89	ng	-0.01
29) Terphenyl-d14	19.41	244	59736	3.34	ng	-0.01

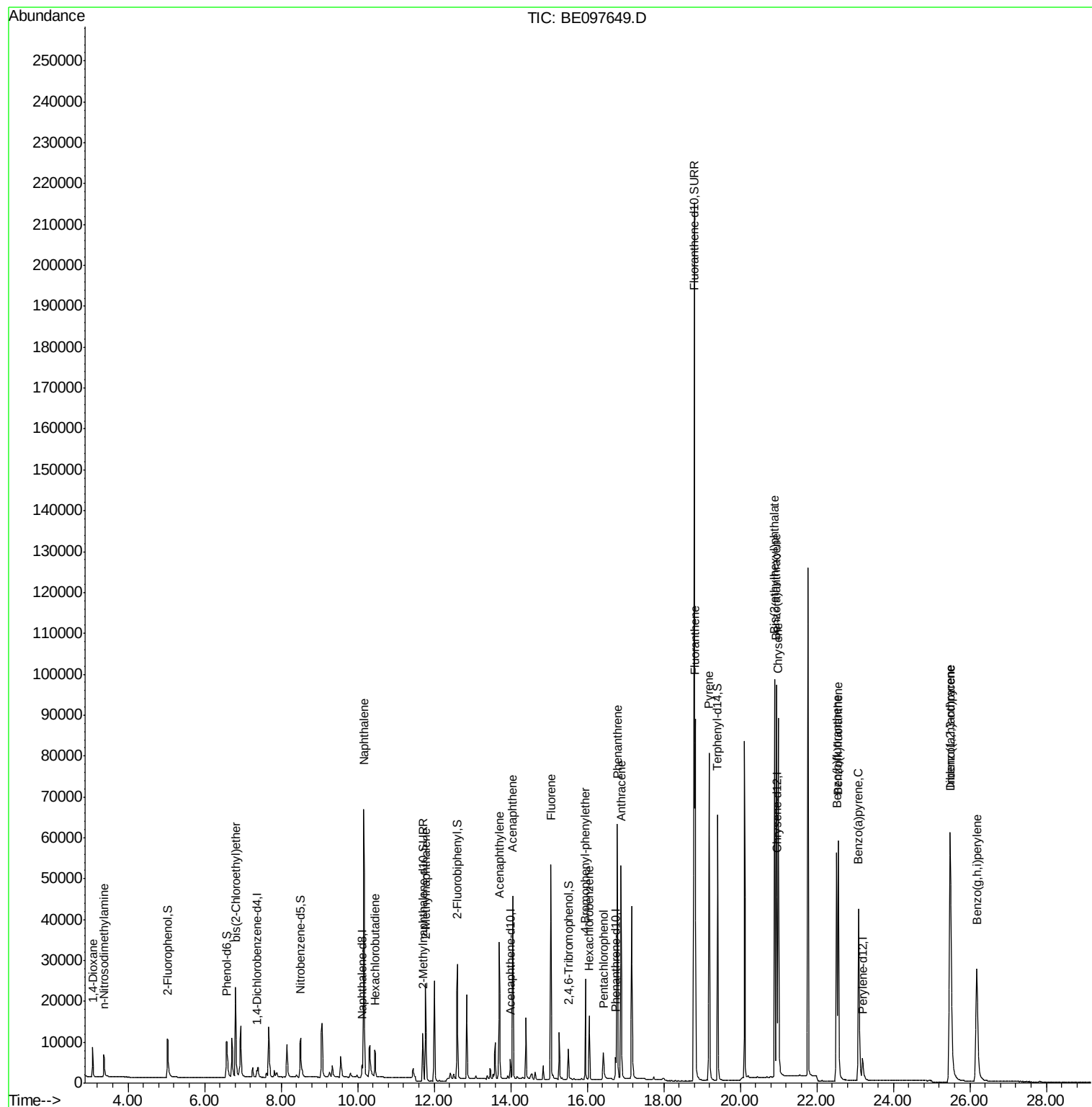
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.07	88	3950	2.882	ng	# 87
3) n-Nitrosodimethylamine	3.36	42	3625	2.997	ng	# 87
6) bis(2-Chloroethyl)ether	6.81	93	9091	3.301	ng	83
9) Naphthalene	10.16	128	110481	3.177	ng	99
10) Hexachlorobutadiene	10.45	225	4914	3.065	ng	97
12) 2-Methylnaphthalene	11.78	142	19018	3.504	ng	98
16) Acenaphthylene	13.70	152	36186	3.486	ng	100
17) Acenaphthene	14.05	154	22788	3.274	ng	97
18) Fluorene	15.05	166	31654	3.489	ng	# 80
20) 4-Bromophenyl-phenylether	15.95	248	11892	3.312	ng	# 86
21) Hexachlorobenzene	16.05	284	12716	3.221	ng	# 84
22) Pentachlorophenol	16.43	266	4824	3.491	ng	# 72
23) Phenanthrene	16.79	178	61750	3.266	ng	99
24) Anthracene	16.88	178	57425	3.436	ng	96
26) Fluoranthene	18.82	202	78850	3.005	ng	99
28) Pyrene	19.19	202	79659	3.582	ng	99
30) Benzo(a)anthracene	20.94	228	78555	3.194	ng	96
31) Chrysene	20.99	228	82983	3.145	ng	99
32) Bis(2-ethylhexyl)phthalate	20.89	149	113945	2.325	ng	100
33) Indeno(1,2,3-cd)pyrene	25.48	276	89468	2.816	ng	# 93
35) Benzo(b)fluoranthene	22.52	252	70841	3.397	ng	# 86
36) Benzo(k)fluoranthene	22.56	252	83489	3.506	ng	97
37) Benzo(a)pyrene	23.09	252	69470	3.245	ng	# 93
38) Dibenzo(a,h)anthracene	25.50	278	75576	3.457	ng	# 93
39) Benzo(g,h,i)perylene	26.18	276	73185	3.443	ng	# 89

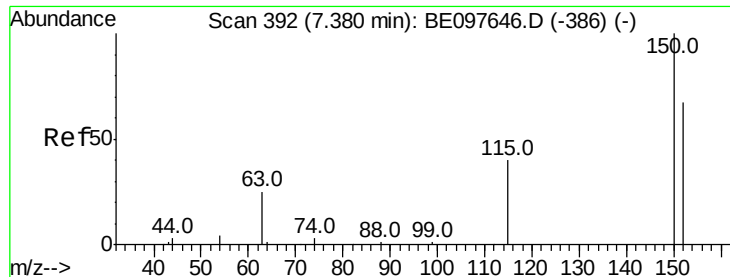
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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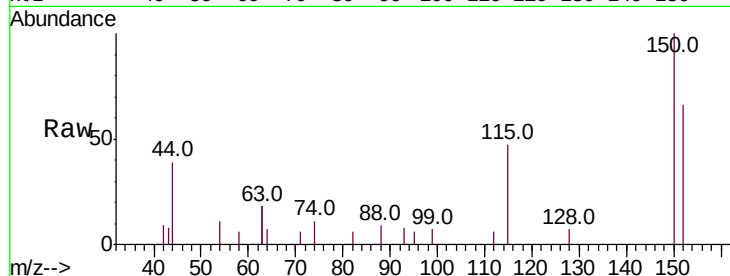


#1

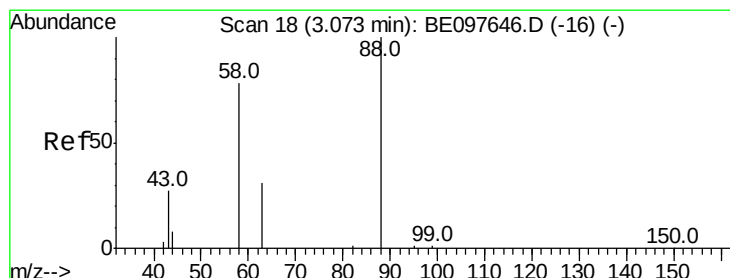
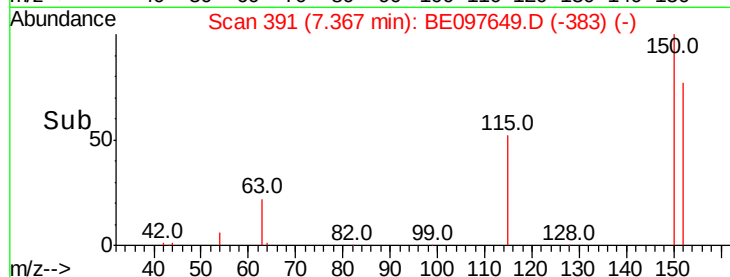
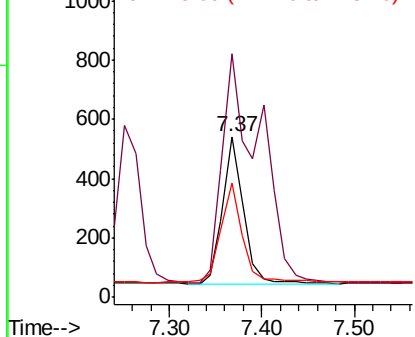
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097649.D
Acq: 24 Sep 2018 17:34

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 775
Ion Ratio Lower Upper
152 100
150 151.5 117.2 175.8
115 71.0 57.0 85.6



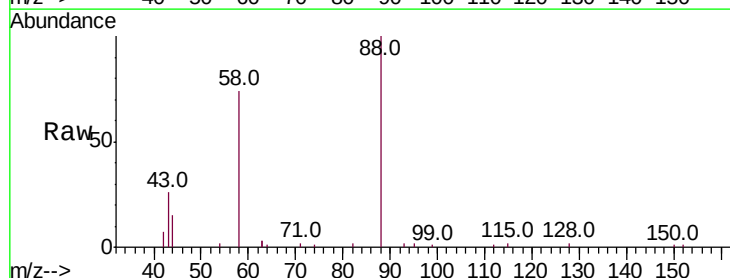
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



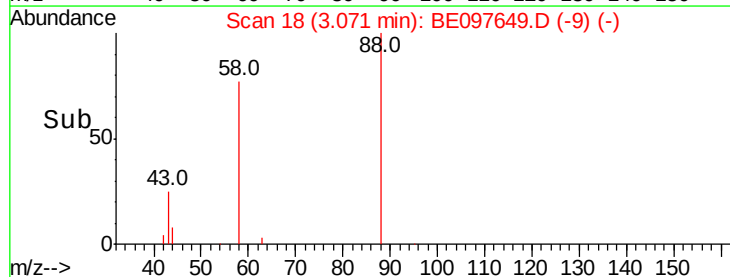
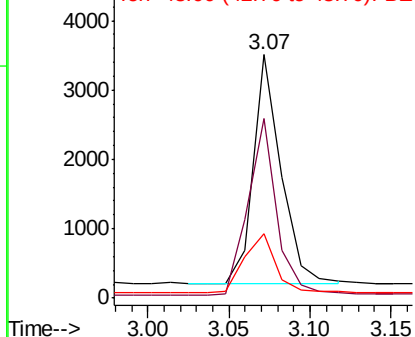
#2

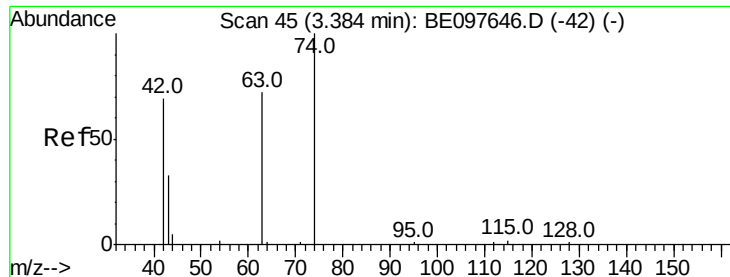
1,4-Dioxane
Concen: 2.882 ng
RT: 3.07 min Scan# 18
Delta R.T. -0.00 min
Lab File: BE097649.D
Acq: 24 Sep 2018 17:34

Tgt Ion: 88 Resp: 3950
Ion Ratio Lower Upper
88 100
58 78.9 63.2 94.8
43 28.2 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: 2.997 ng

RT: 3.36 min Scan# 43

Delta R.T. -0.02 min

Lab File: BE097649.D

Acq: 24 Sep 2018 17:34

Instrument :

BNA_E

ClientSampleId :

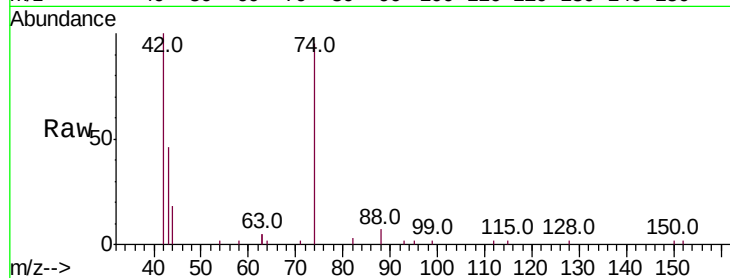
Tot Ion: 42 Resp: 3625

Ion Ratio Lower Upper

42 100

74 133.8 96.0 144.0

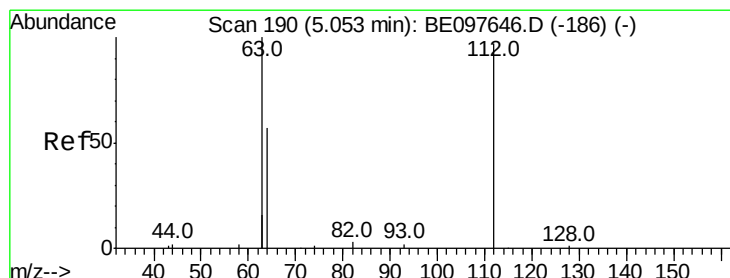
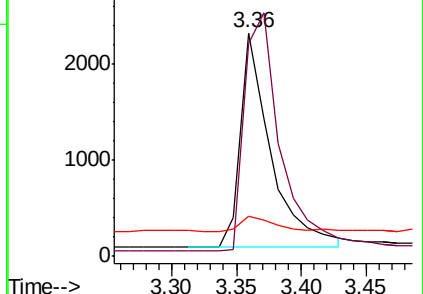
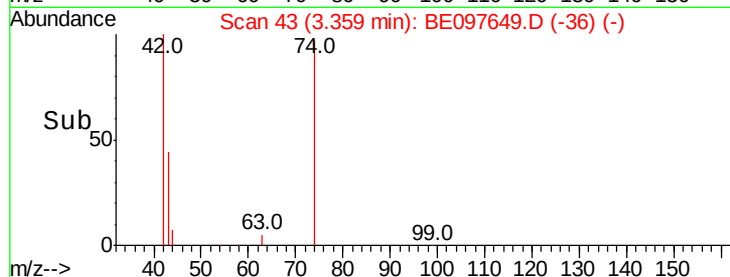
44 8.1 12.0 18.0#



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: 2.977 ng

RT: 5.04 min Scan# 189

Delta R.T. -0.01 min

Lab File: BE097649.D

Acq: 24 Sep 2018 17:34

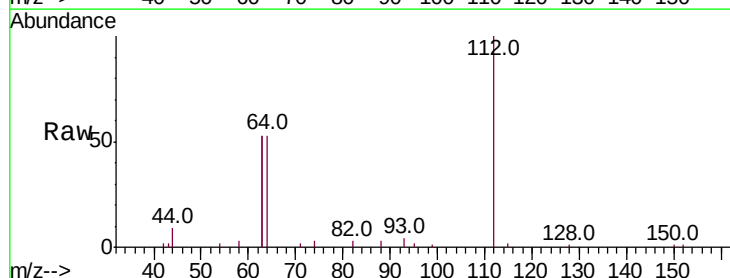
Tgt Ion: 112 Resp: 6915

Ion Ratio Lower Upper

112 100

64 66.6 60.1 90.1

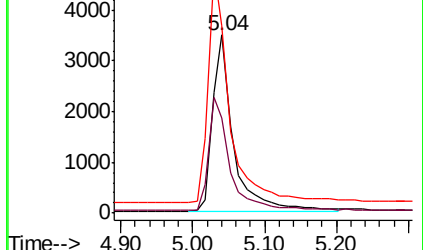
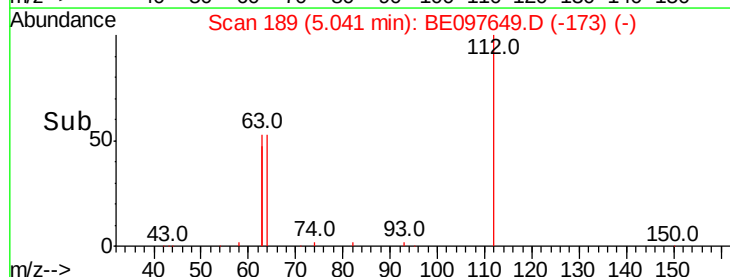
63 135.2 116.8 175.2

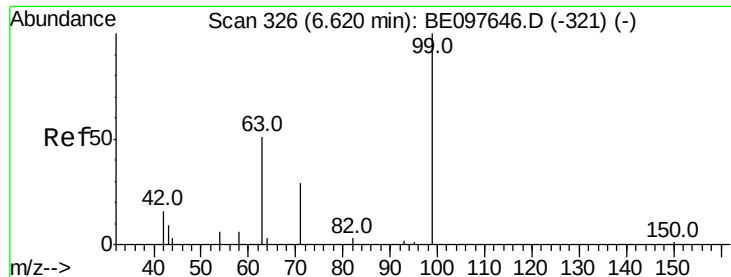


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.422 ng

RT: 6.58 min Scan# 323

Delta R.T. -0.04 min

Lab File: BE097649.D

Acq: 24 Sep 2018 17:34

Instrument :

BNA_E

ClientSampleId :

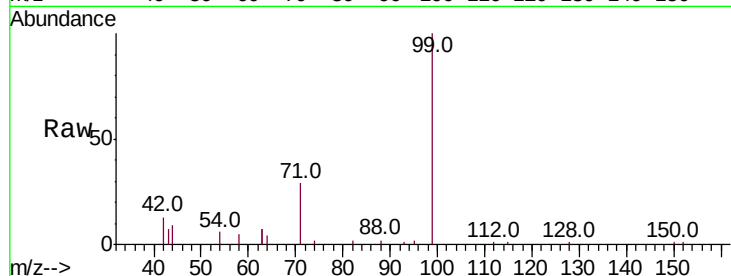
Tot Ion: 99 Resp: 10161

Ion Ratio Lower Upper

99 100

42 19.8 20.2 30.2#

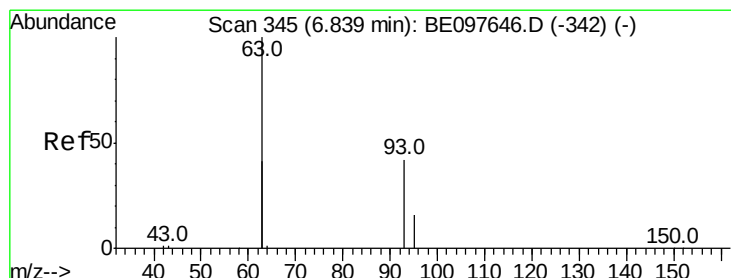
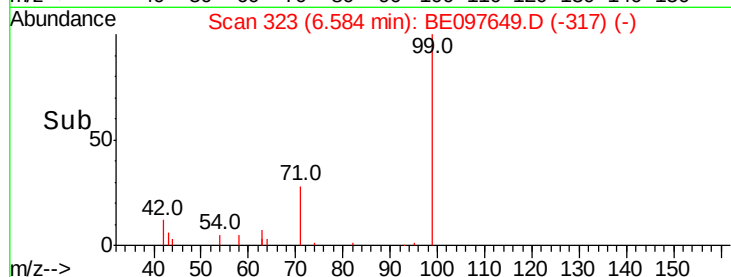
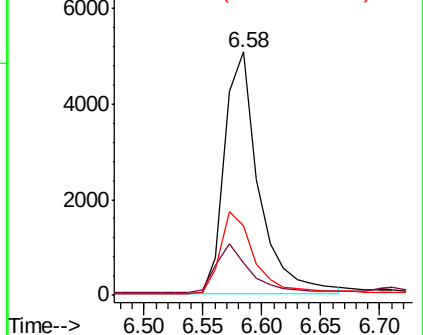
71 33.2 28.4 42.6



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



#6

bis(2-Chloroethyl)ether

Concen: 3.301 ng

RT: 6.81 min Scan# 343

Delta R.T. -0.02 min

Lab File: BE097649.D

Acq: 24 Sep 2018 17:34

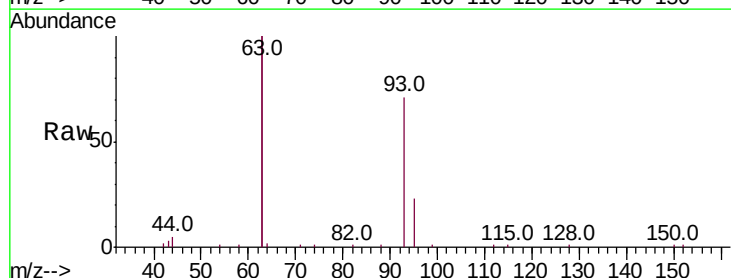
Tgt Ion: 93 Resp: 9091

Ion Ratio Lower Upper

93 100

63 304.9 275.3 412.9

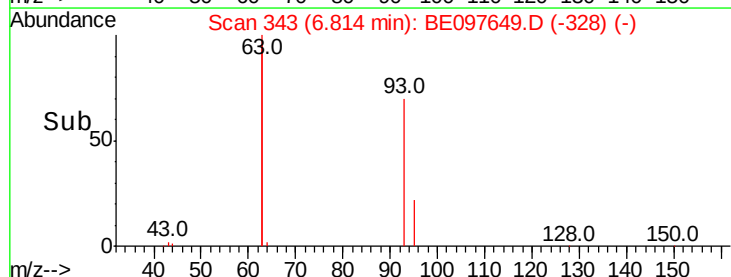
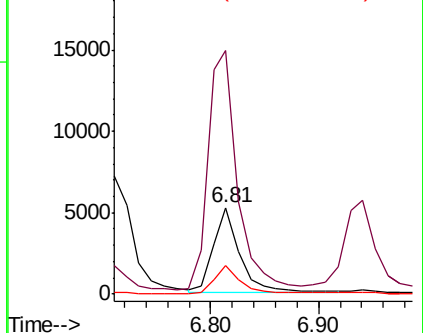
95 30.7 25.2 37.8

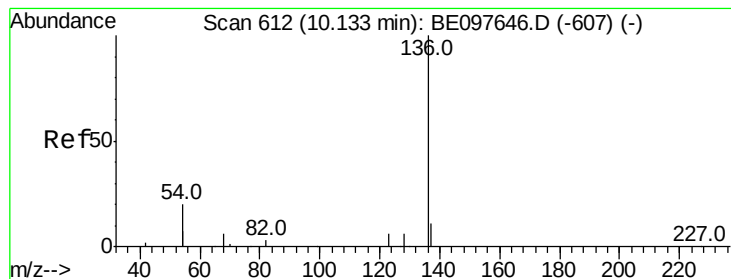


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.12 min Scan# 611

Delta R.T. -0.01 min

Lab File: BE097649.D

Acq: 24 Sep 2018 17:34

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3862

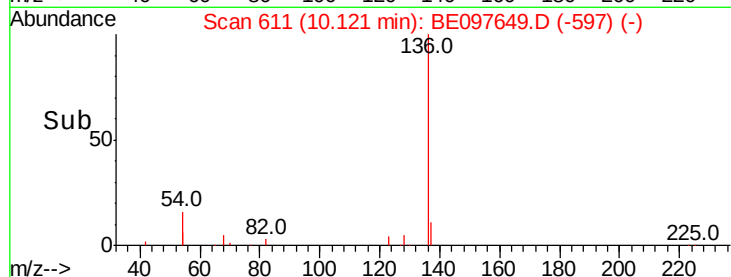
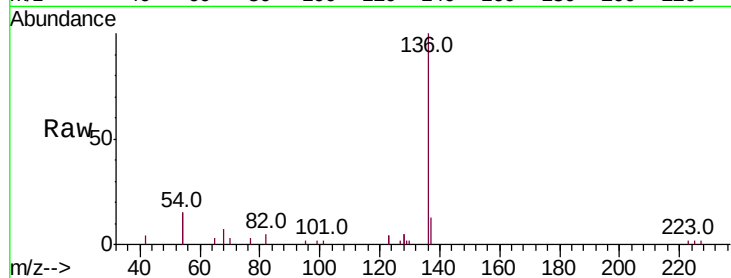
Ion Ratio Lower Upper

136 100

137 12.7 9.5 14.3

54 30.7 29.1 43.7

68 7.0 6.2 9.2

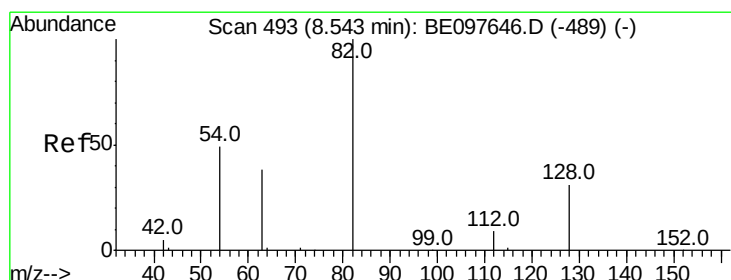
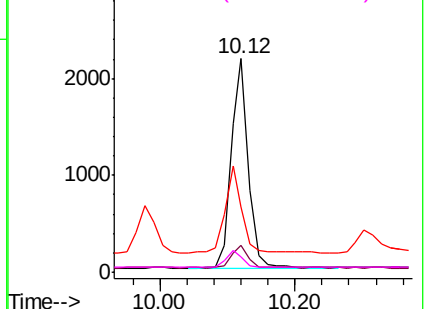


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.148 ng

RT: 8.51 min Scan# 490

Delta R.T. -0.04 min

Lab File: BE097649.D

Acq: 24 Sep 2018 17:34

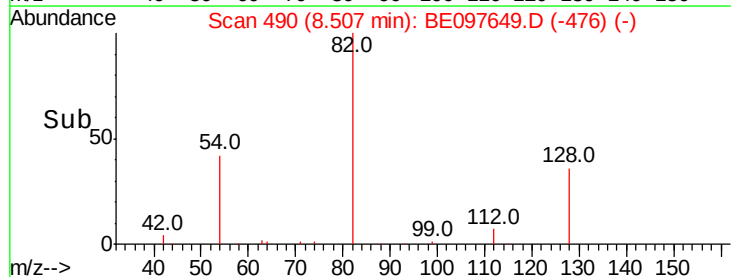
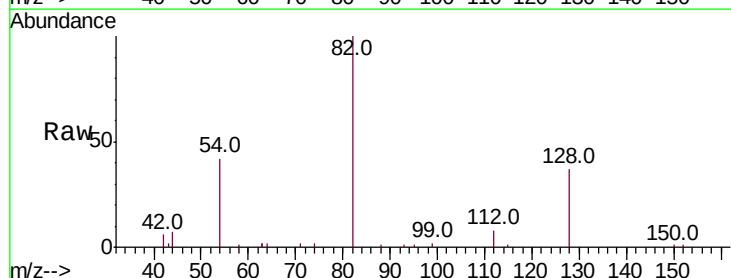
Tgt Ion: 82 Resp: 9393

Ion Ratio Lower Upper

82 100

128 37.0 24.0 36.0#

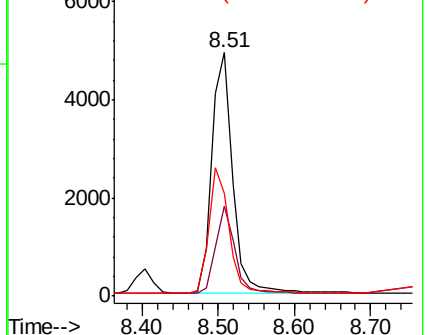
54 42.3 40.0 60.0

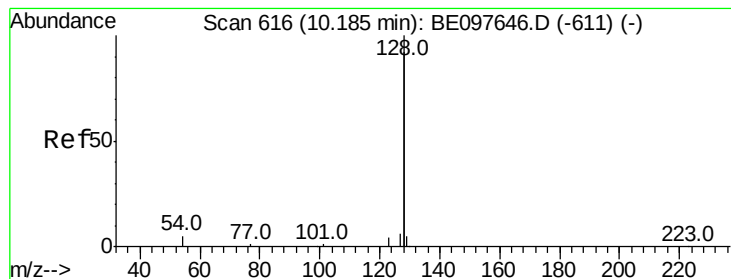


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.177 ng

RT: 10.16 min Scan# 614

Delta R.T. -0.03 min

Lab File: BE097649.D

Acq: 24 Sep 2018 17:34

Instrument :

BNA_E

ClientSampleId :

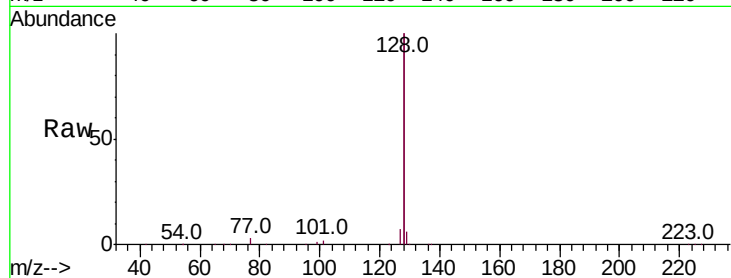
Tot Ion:128 Resp: 110481

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

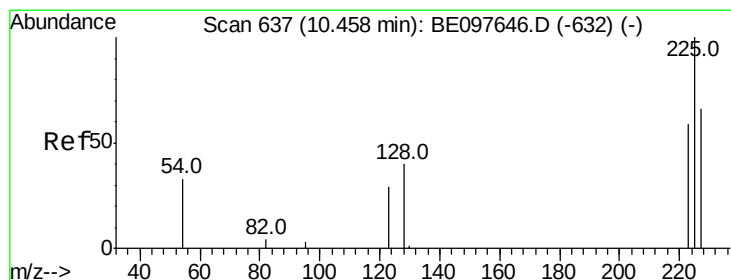
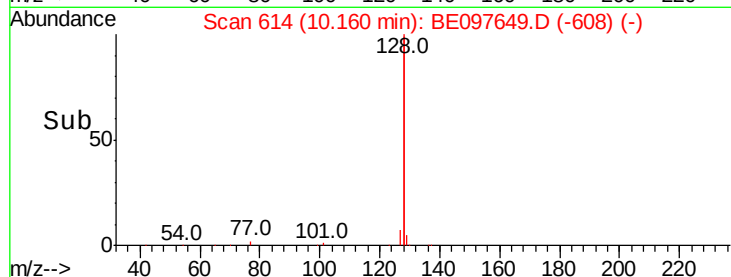
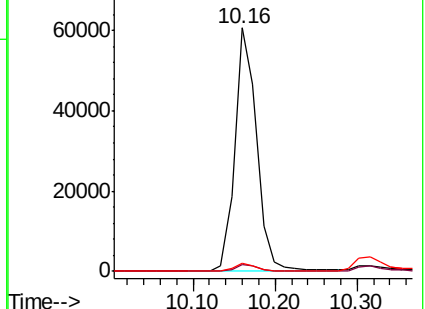
127 3.4 2.8 4.2



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: 3.065 ng

RT: 10.45 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE097649.D

Acq: 24 Sep 2018 17:34

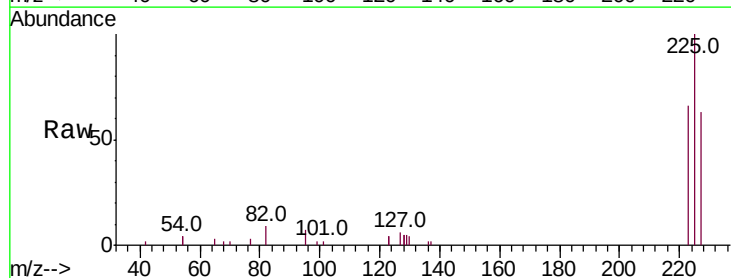
Tgt Ion:225 Resp: 4914

Ion Ratio Lower Upper

225 100

223 62.9 53.0 79.6

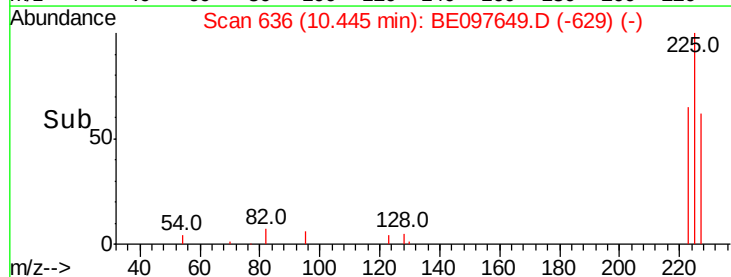
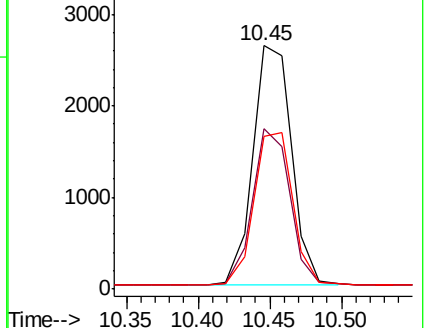
227 63.7 51.4 77.2

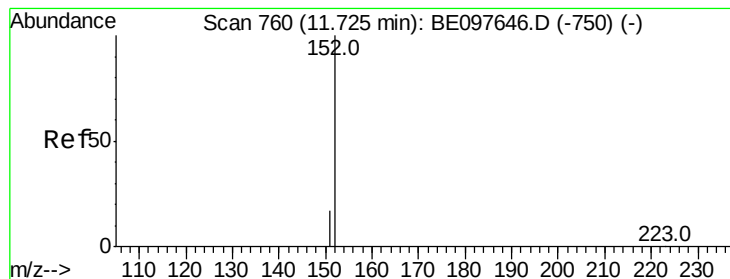


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.432 ng

RT: 11.70 min Scan# 755

Delta R.T. -0.02 min

Lab File: BE097649.D

Acq: 24 Sep 2018 17:34

Instrument :

BNA_E

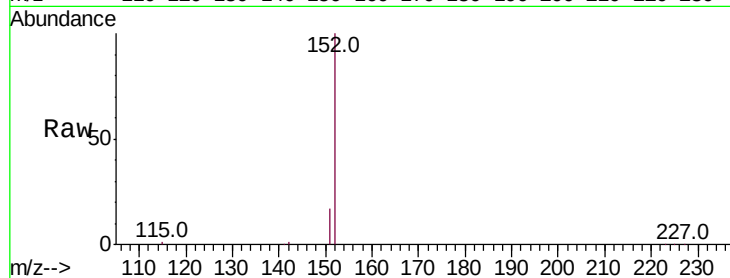
ClientSampleId :

Tot Ion:152 Resp: 18268

Ion Ratio Lower Upper

152 100

151 19.0 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12000

10000

8000

6000

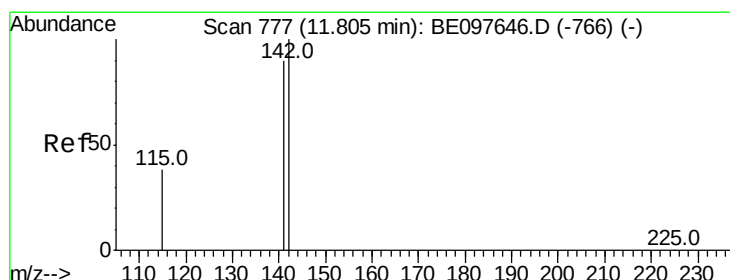
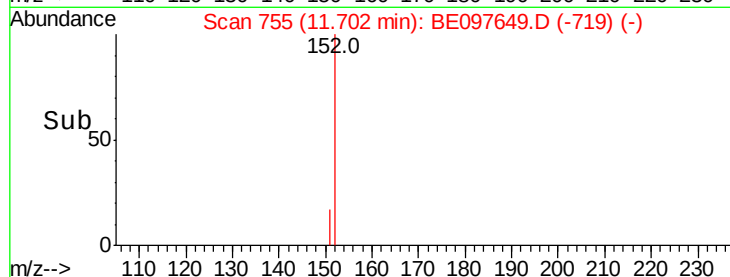
4000

2000

0

11.60 11.70 11.80 11.90

Time-->



#12

2-Methylnaphthalene

Concen: 3.504 ng

RT: 11.78 min Scan# 771

Delta R.T. -0.03 min

Lab File: BE097649.D

Acq: 24 Sep 2018 17:34

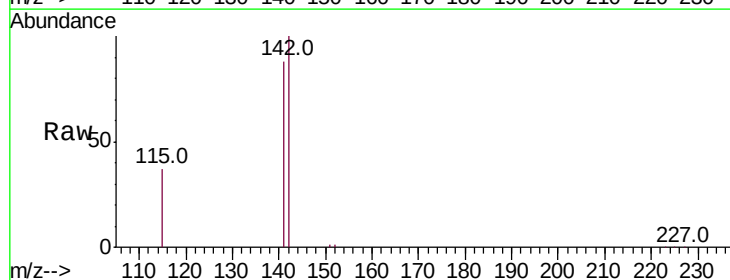
Tgt Ion:142 Resp: 19018

Ion Ratio Lower Upper

142 100

141 87.6 70.4 105.6

115 36.6 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

15000

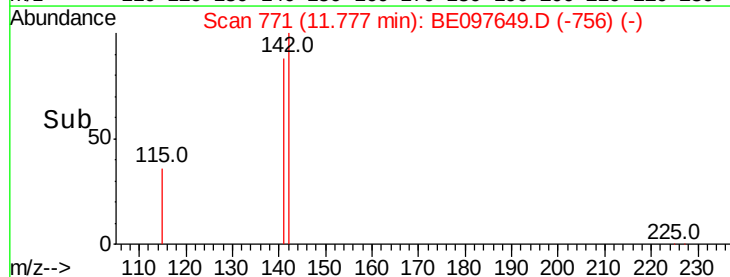
10000

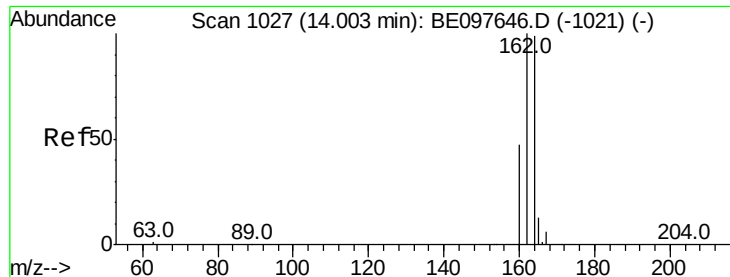
5000

0

11.70 11.80 11.90

Time-->

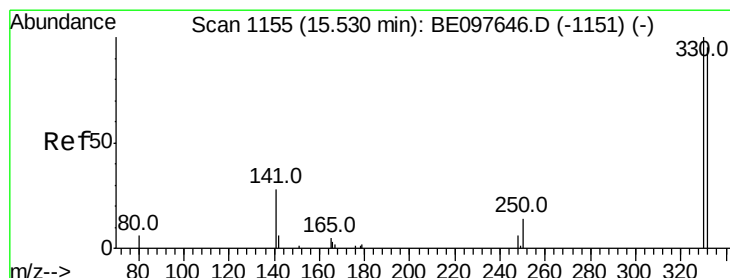
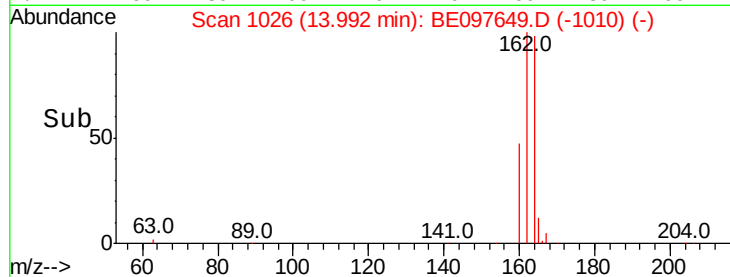
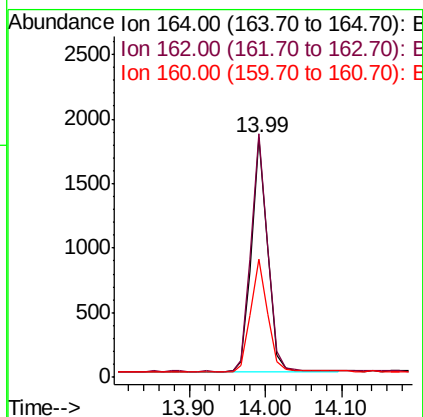
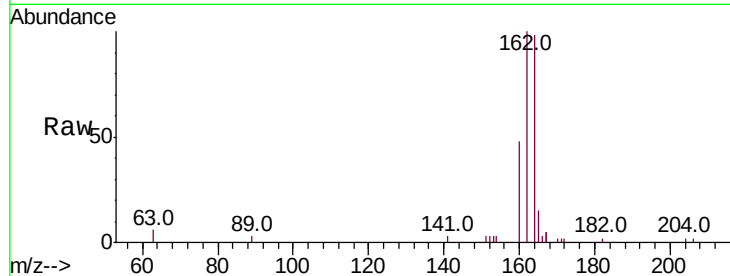




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.99 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE097649.D
Acq: 24 Sep 2018 17:34

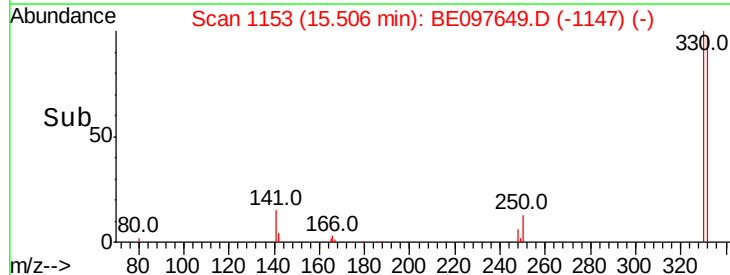
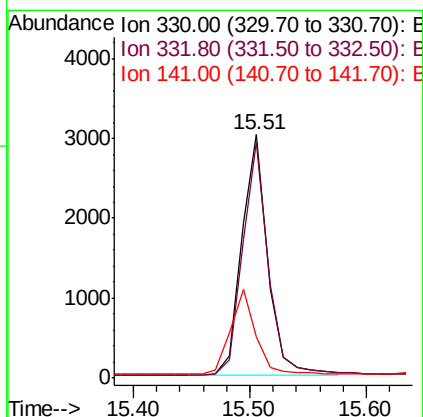
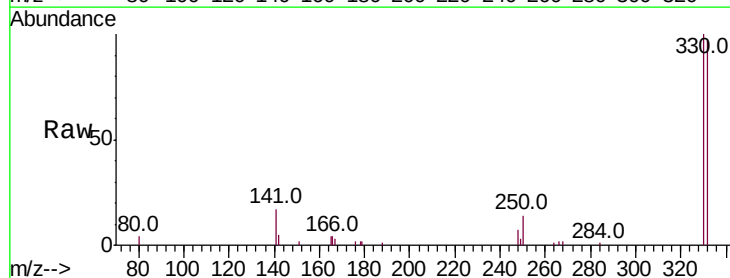
Instrument :
BNA_E
ClientSampleId :

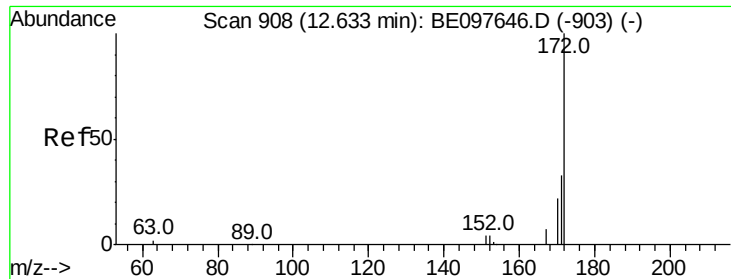
Tot Ion:164 Resp: 2626
Ion Ratio Lower Upper
164 100
162 101.6 83.1 124.7
160 49.1 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 4.238 ng
RT: 15.51 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BE097649.D
Acq: 24 Sep 2018 17:34

Tgt Ion:330 Resp: 4625
Ion Ratio Lower Upper
330 100
332 95.6 152.7 229.1#
141 34.0 33.7 50.5

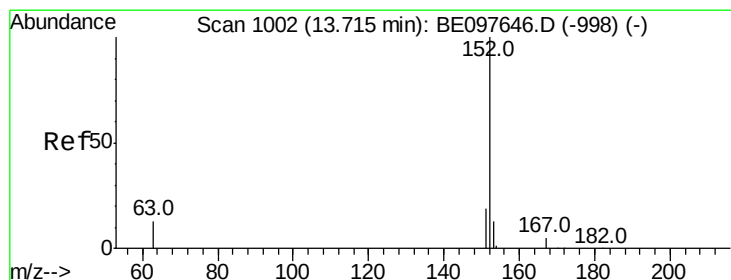
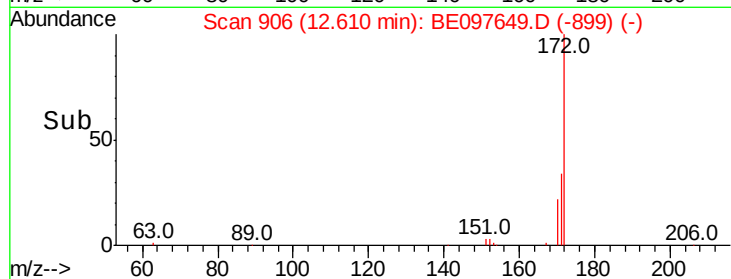
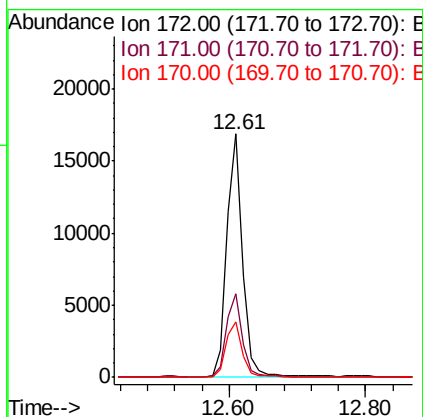
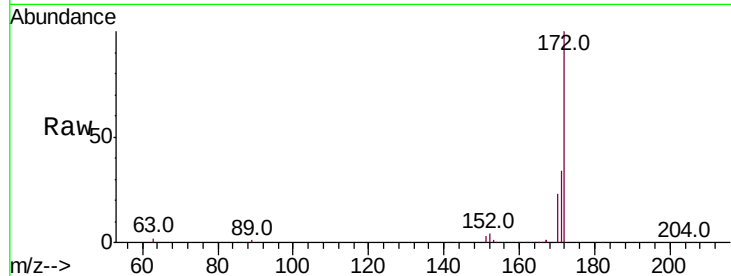




#15
2-Fluorobiphenyl
Concen: 2.939 ng
RT: 12.61 min Scan# 906
Delta R.T. -0.02 min
Lab File: BE097649.D
Acq: 24 Sep 2018 17:34

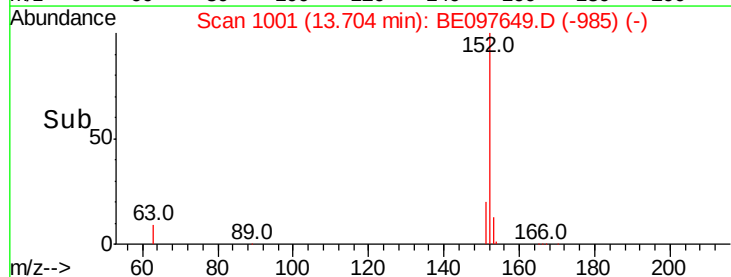
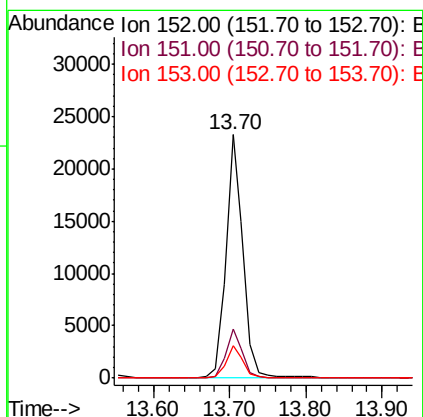
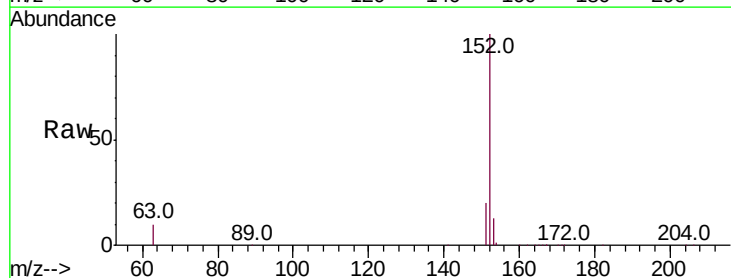
Instrument :
BNA_E
ClientSampleId :

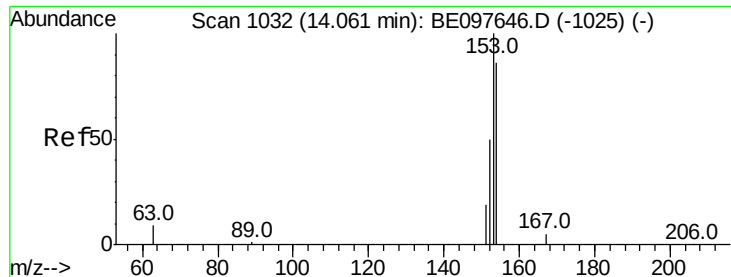
Tot Ion:172 Resp: 27274
Ion Ratio Lower Upper
172 100
171 34.2 29.9 44.9
170 22.6 21.8 32.8



#16
Acenaphthylene
Concen: 3.486 ng
RT: 13.70 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BE097649.D
Acq: 24 Sep 2018 17:34

Tgt Ion:152 Resp: 36186
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.1 10.5 15.7

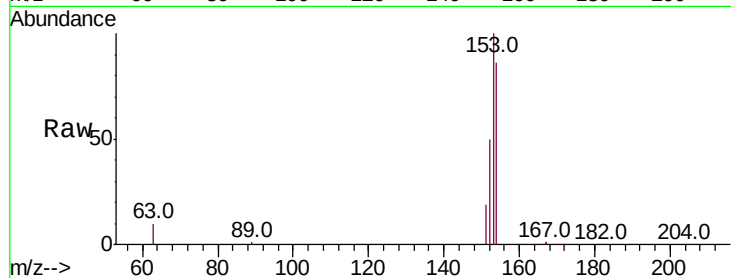




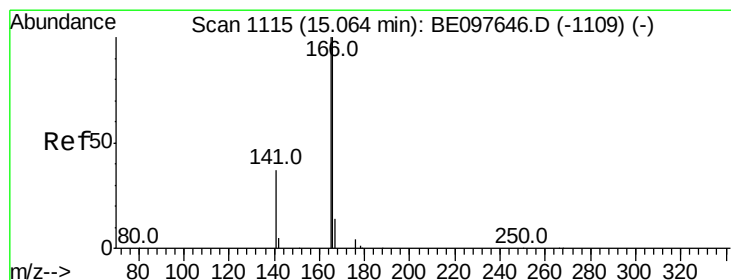
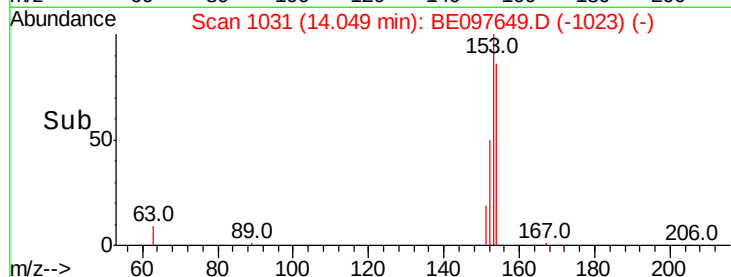
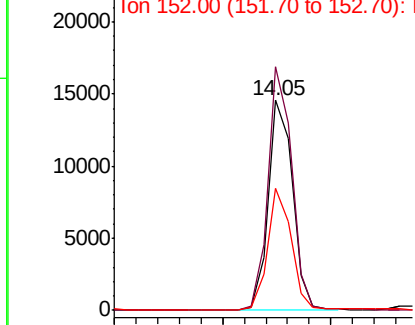
#17
Acenaphthene
Concen: 3.274 ng
RT: 14.05 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BE097649.D
Acq: 24 Sep 2018 17:34

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 22788
Ion Ratio Lower Upper
154 100
153 113.4 89.2 133.8
152 55.7 42.0 63.0

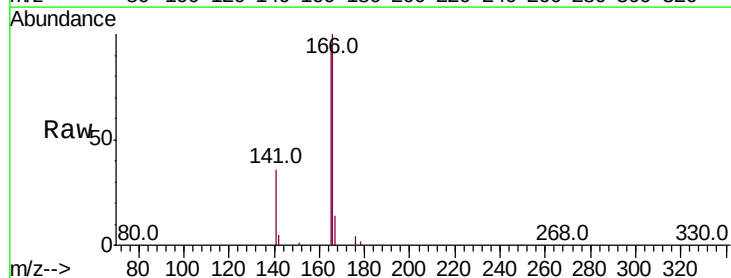


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

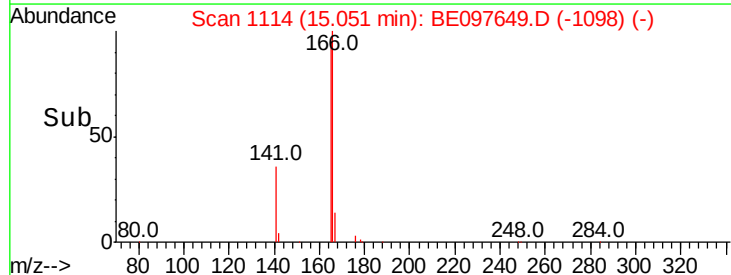
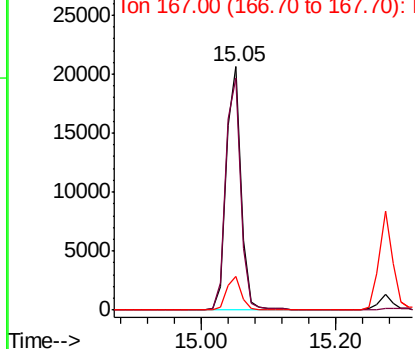


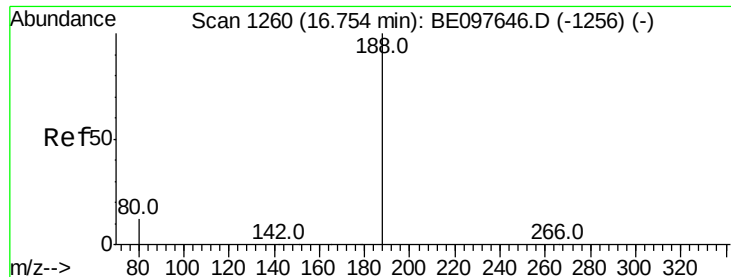
#18
Fluorene
Concen: 3.489 ng
RT: 15.05 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE097649.D
Acq: 24 Sep 2018 17:34

Tgt Ion:166 Resp: 31654
Ion Ratio Lower Upper
166 100
165 97.8 77.8 116.6
167 13.4 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: 16.74 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BE097649.D

Acq: 24 Sep 2018 17:34

Instrument :

BNA_E

ClientSampleId :

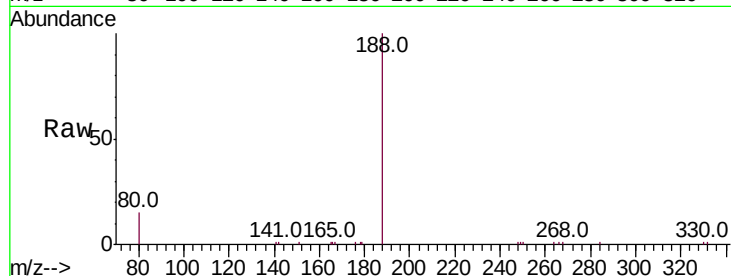
Tot Ion:188 Resp: 7965

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

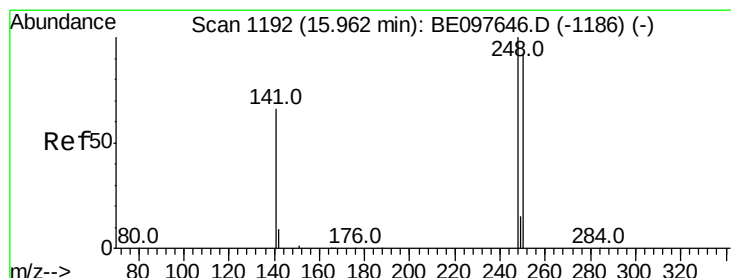
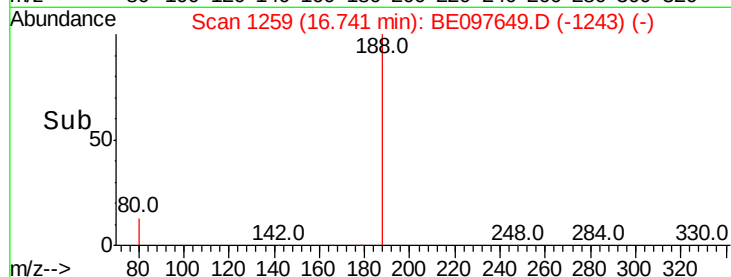
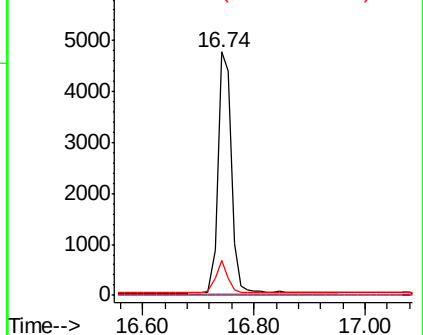
80 14.5 3.6 5.4#



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: 3.312 ng

RT: 15.95 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BE097649.D

Acq: 24 Sep 2018 17:34

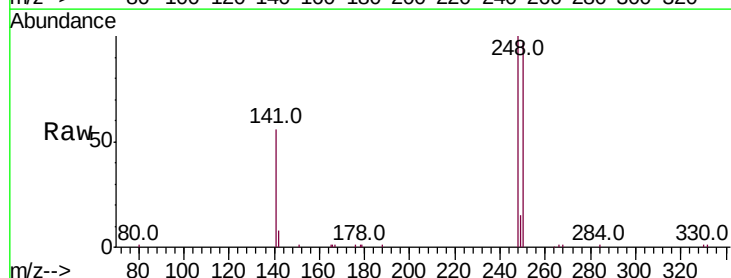
Tgt Ion:248 Resp: 11892

Ion Ratio Lower Upper

248 100

250 96.5 62.7 94.1#

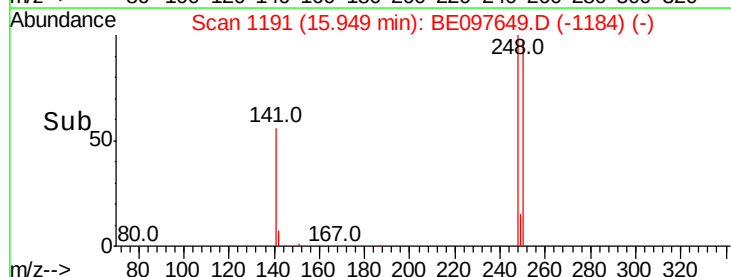
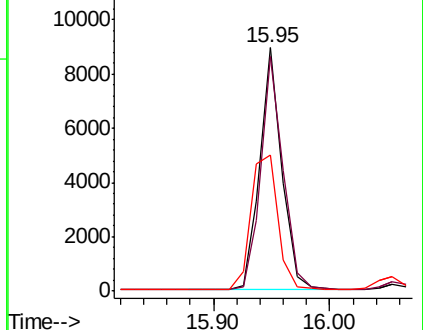
141 56.2 48.2 72.2

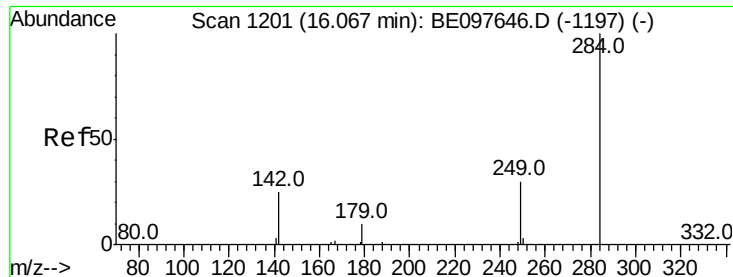


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.221 ng

RT: 16.05 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BE097649.D

Acq: 24 Sep 2018 17:34

Instrument :

BNA_E

ClientSampled :

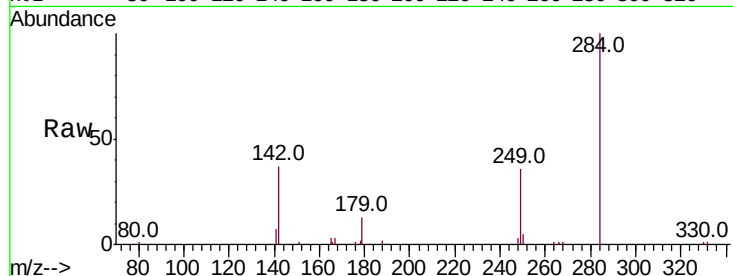
Tot Ion:284 Resp: 12716

Ion Ratio Lower Upper

284 100

142 31.7 22.1 33.1

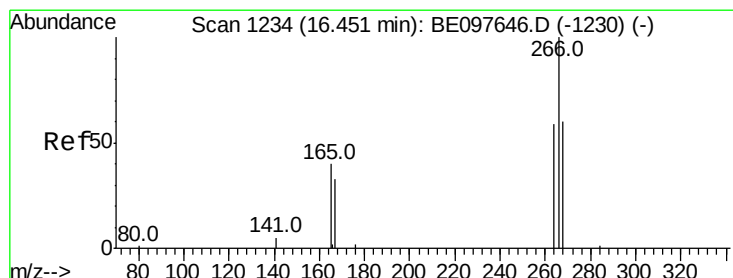
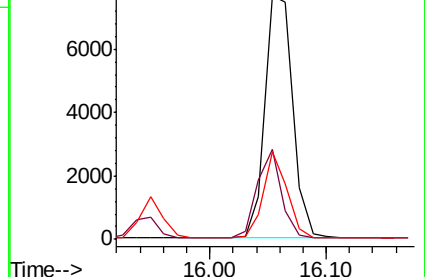
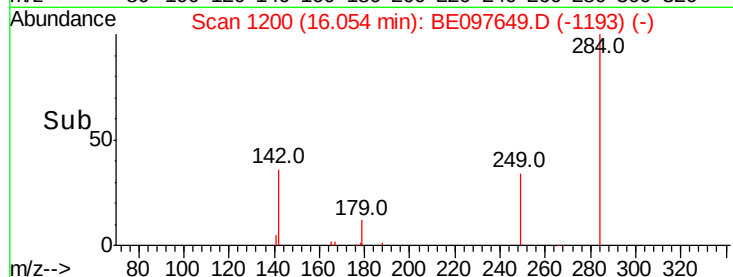
249 30.0 34.8 52.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 3.491 ng

RT: 16.43 min Scan# 1232

Delta R.T. -0.02 min

Lab File: BE097649.D

Acq: 24 Sep 2018 17:34

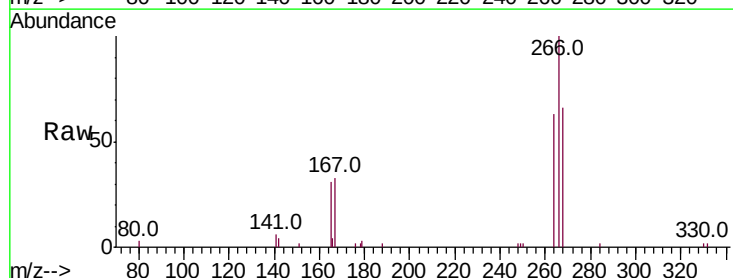
Tgt Ion:266 Resp: 4824

Ion Ratio Lower Upper

266 100

264 62.9 72.5 108.7#

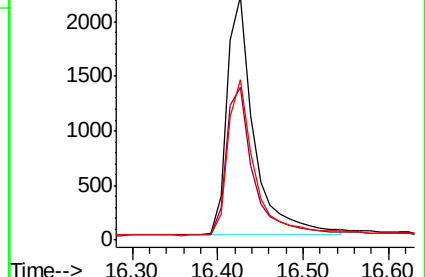
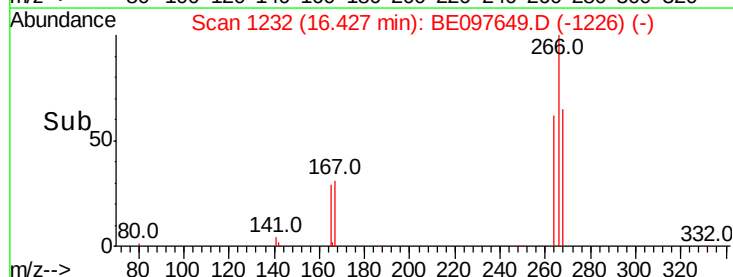
268 65.9 73.8 110.6#

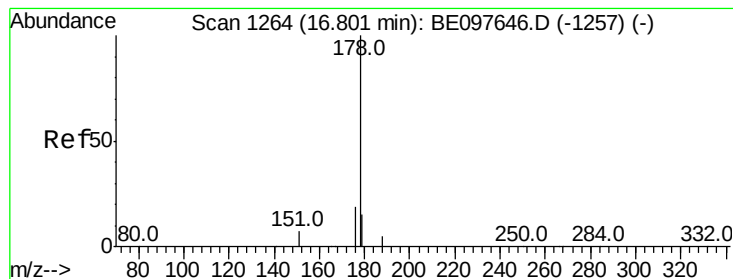


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.266 ng

RT: 16.79 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE097649.D

Acq: 24 Sep 2018 17:34

Instrument :

BNA_E

ClientSampled :

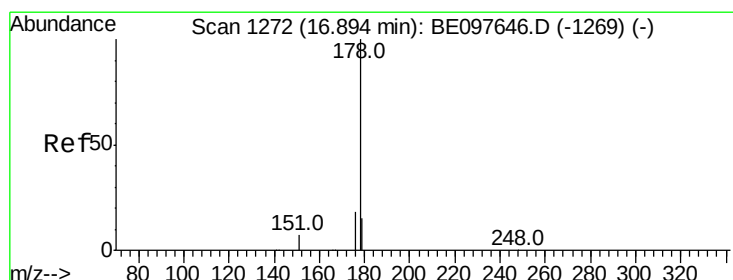
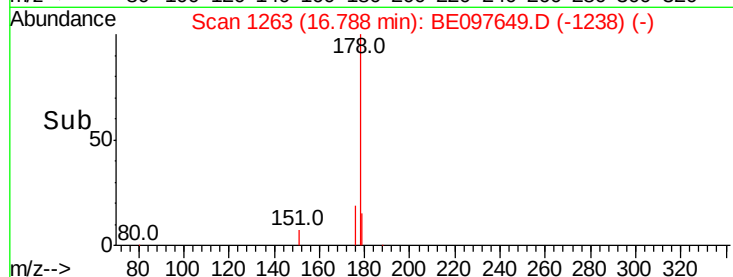
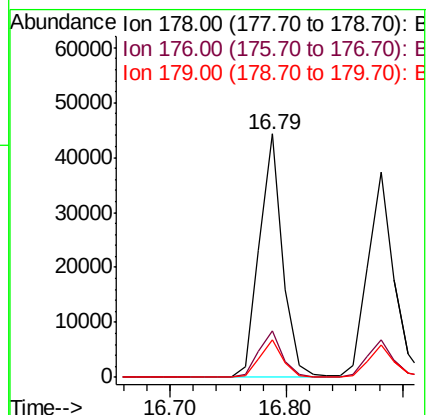
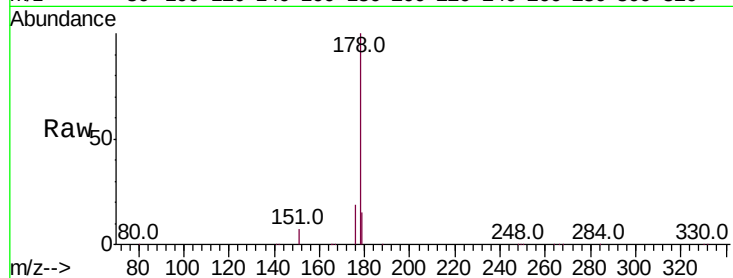
Tot Ion:178 Resp: 61750

Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

179 15.2 11.8 17.6



#24

Anthracene

Concen: 3.436 ng

RT: 16.88 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BE097649.D

Acq: 24 Sep 2018 17:34

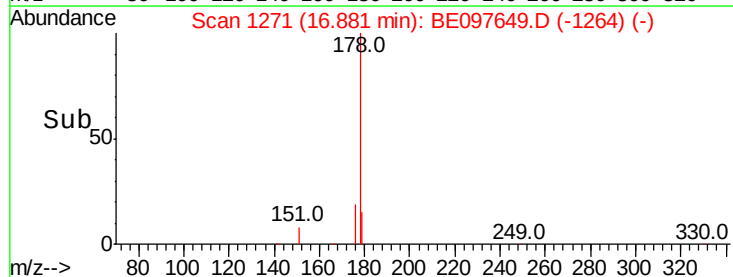
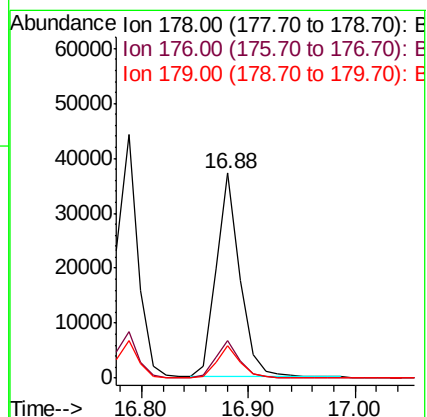
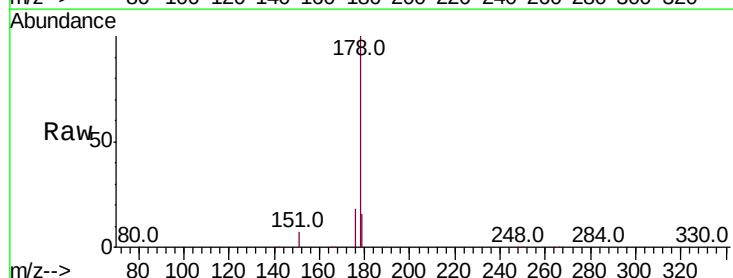
Tgt Ion:178 Resp: 57425

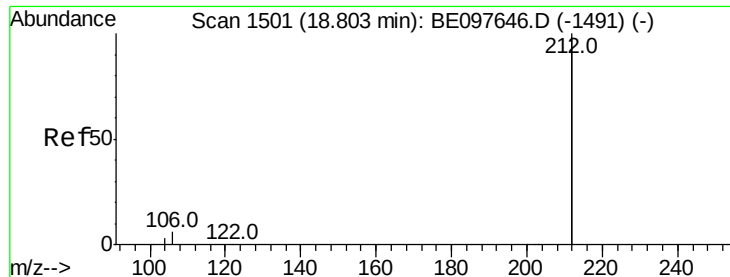
Ion Ratio Lower Upper

178 100

176 18.5 12.8 19.2

179 15.3 13.0 19.6





#25

Fluoranthene-d10

Concen: 2.893 ng

RT: 18.79 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BE097649.D

Acq: 24 Sep 2018 17:34

Instrument :

BNA_E

ClientSampleId :

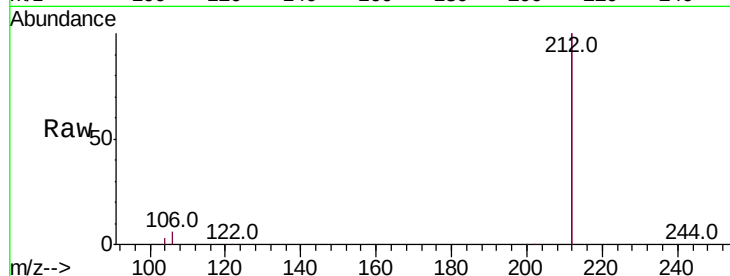
Tot Ion:212 Resp: 295052

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

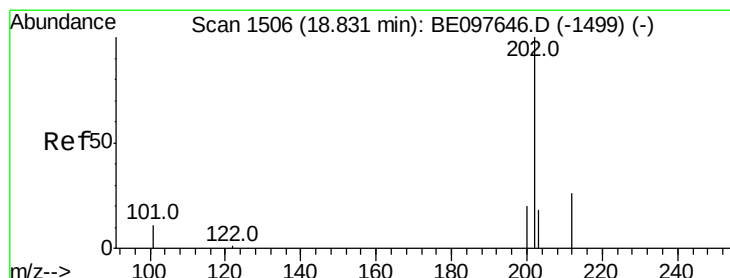
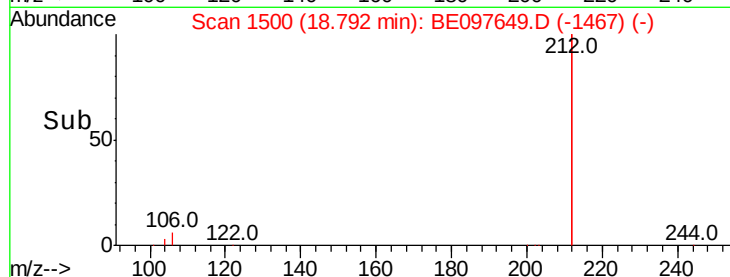
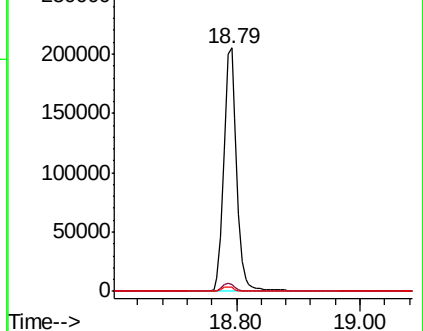
104 1.8 1.6 2.4



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



#26

Fluoranthene

Concen: 3.005 ng

RT: 18.82 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BE097649.D

Acq: 24 Sep 2018 17:34

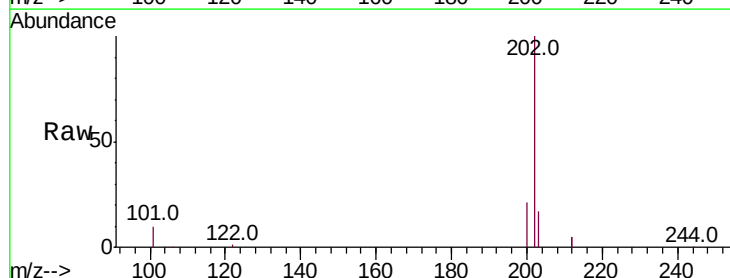
Tgt Ion:202 Resp: 78850

Ion Ratio Lower Upper

202 100

101 11.4 9.8 14.8

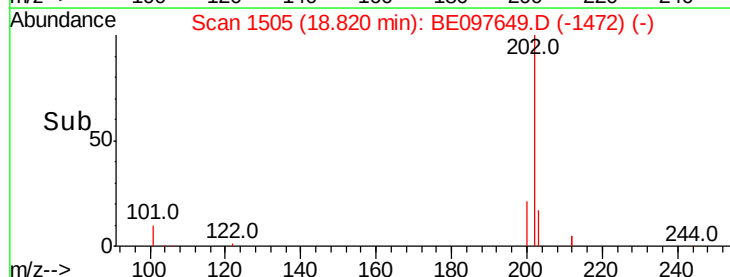
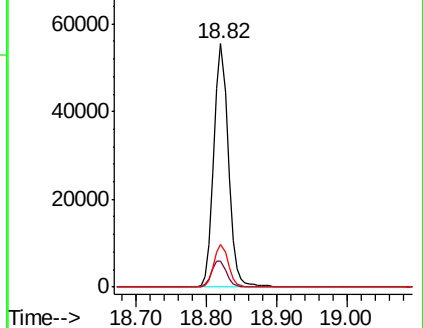
203 17.5 13.7 20.5

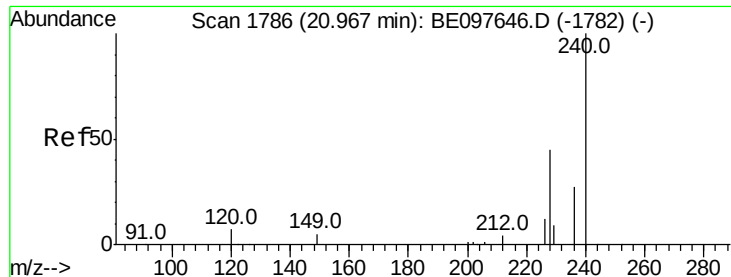


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.95 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BE097649.D

Acq: 24 Sep 2018 17:34

Instrument :

BNA_E

ClientSampleId :

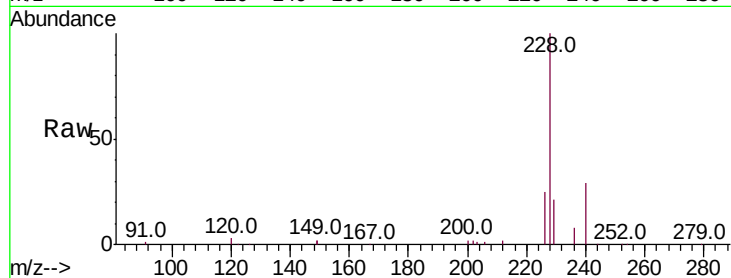
Tot Ion:240 Resp: 9770

Ion Ratio Lower Upper

240 100

120 11.3 5.5 8.3#

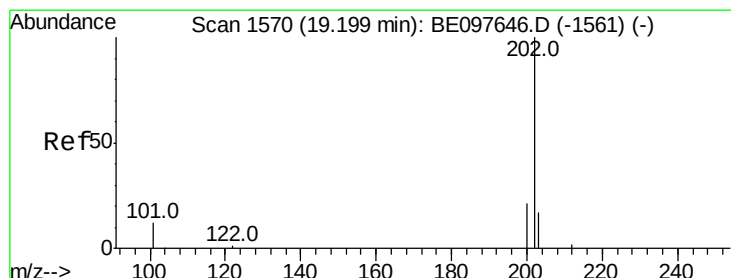
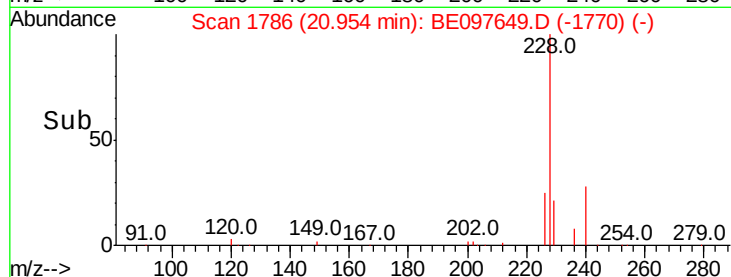
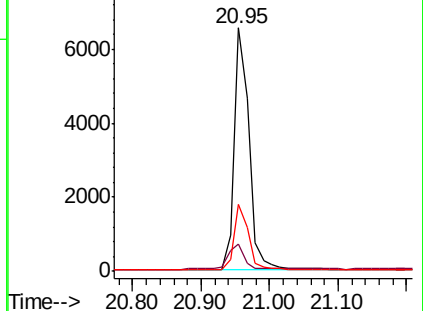
236 27.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 3.582 ng

RT: 19.19 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BE097649.D

Acq: 24 Sep 2018 17:34

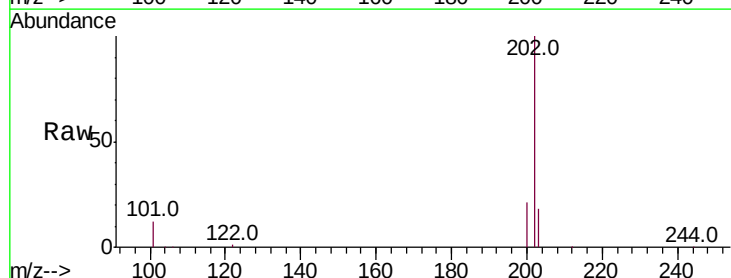
Tgt Ion:202 Resp: 79659

Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

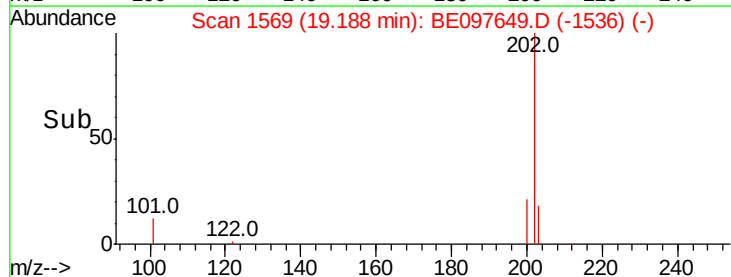
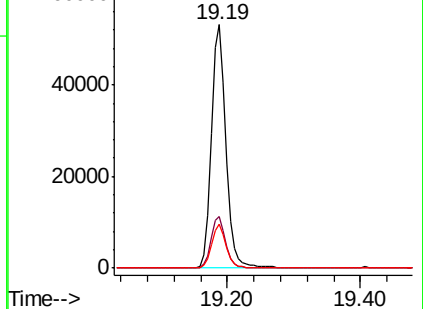
203 17.6 13.8 20.8

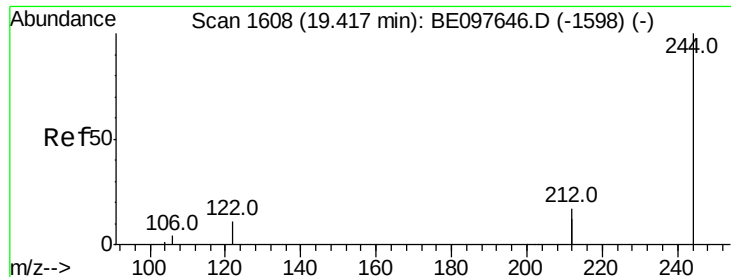


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.341 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BE097649.D

Acq: 24 Sep 2018 17:34

Instrument :

BNA_E

ClientSampleId :

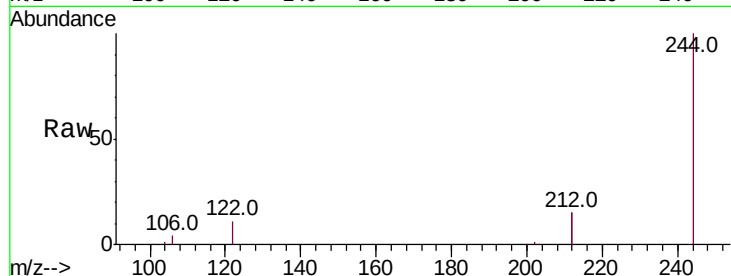
Tot Ion:244 Resp: 59736

Ion Ratio Lower Upper

244 100

212 30.1 25.4 38.0

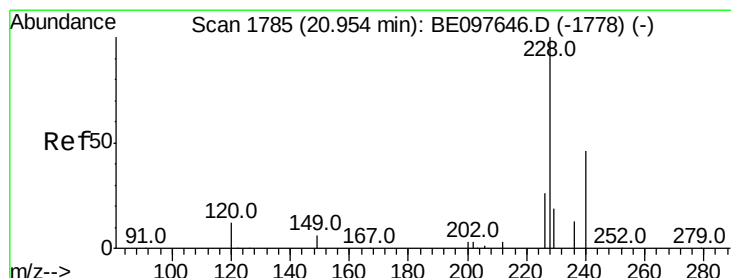
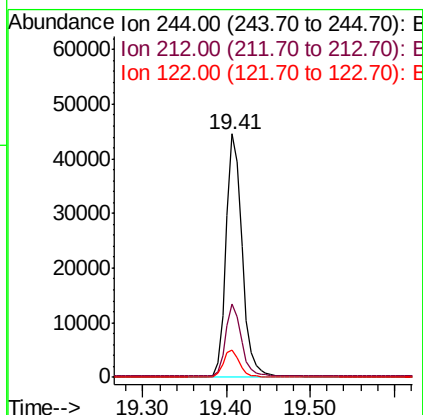
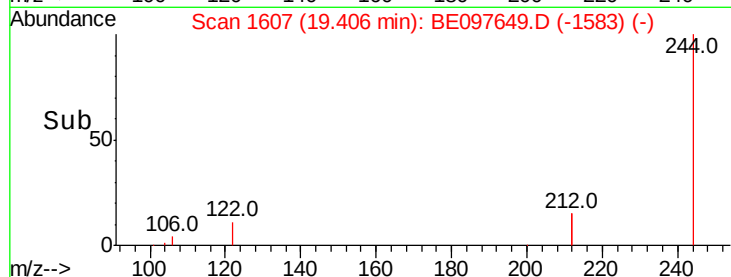
122 11.0 8.1 12.1



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: 3.194 ng

RT: 20.94 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BE097649.D

Acq: 24 Sep 2018 17:34

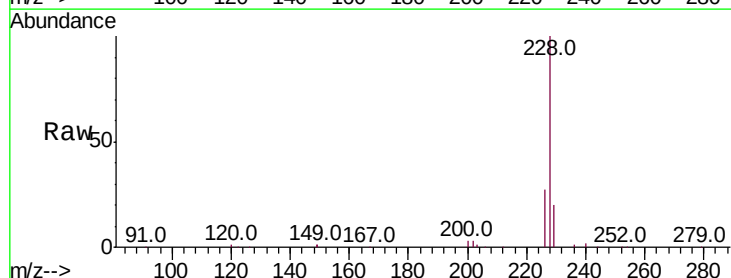
Tgt Ion:228 Resp: 78555

Ion Ratio Lower Upper

228 100

226 26.8 24.0 36.0

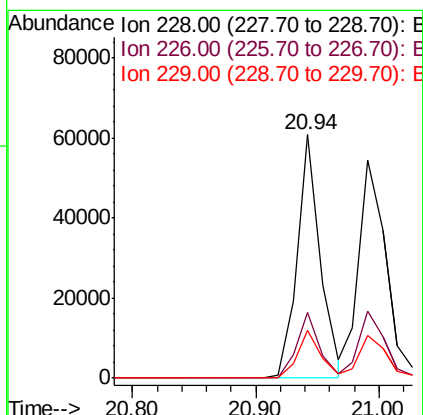
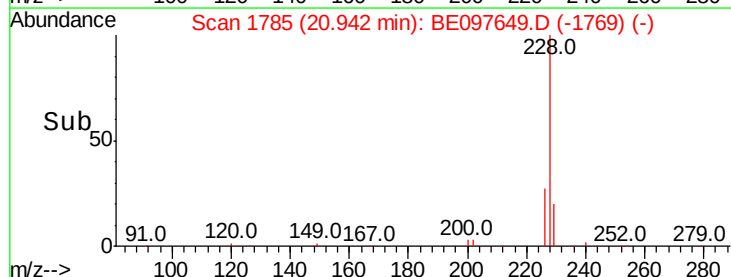
229 19.8 16.0 24.0

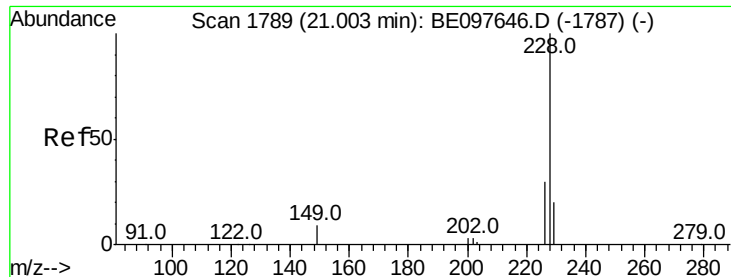


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.145 ng

RT: 20.99 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BE097649.D

Acq: 24 Sep 2018 17:34

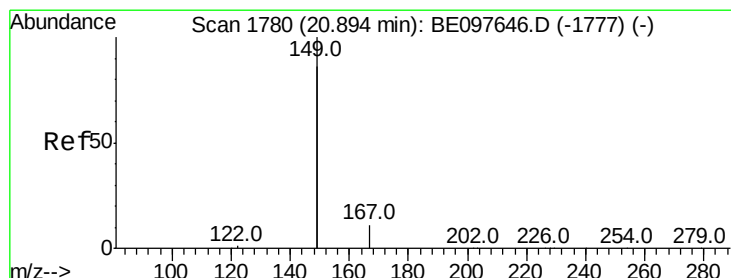
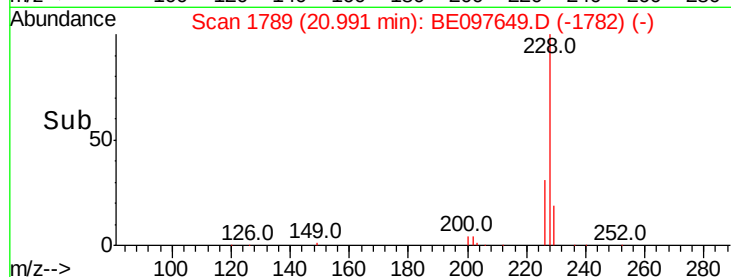
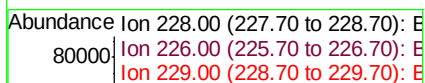
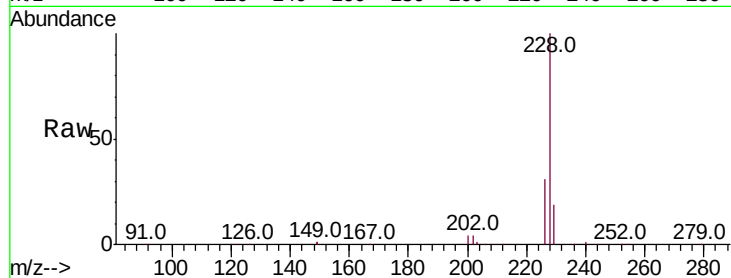
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 82983

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	19.3	16.0	24.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 2.325 ng

RT: 20.89 min Scan# 1781

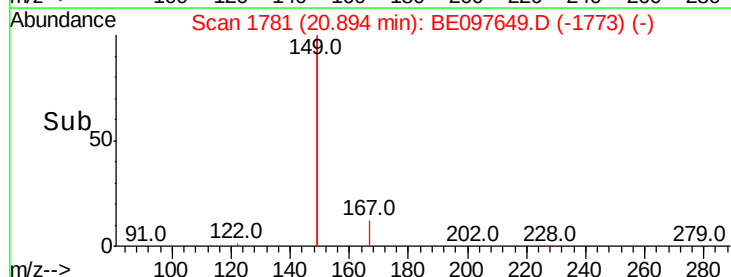
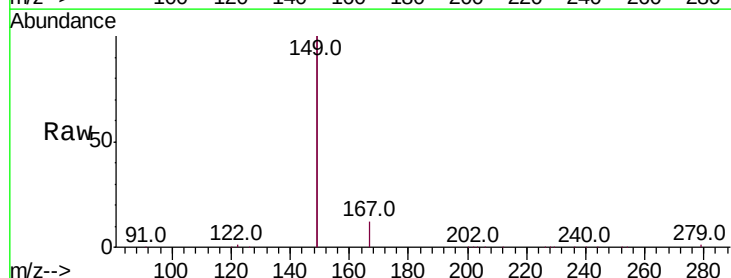
Delta R.T. 0.00 min

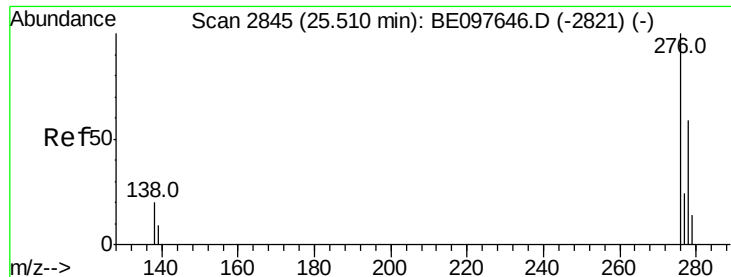
Lab File: BE097649.D

Acq: 24 Sep 2018 17:34

Tgt Ion:149 Resp: 113945

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	1.1	0.7	1.1

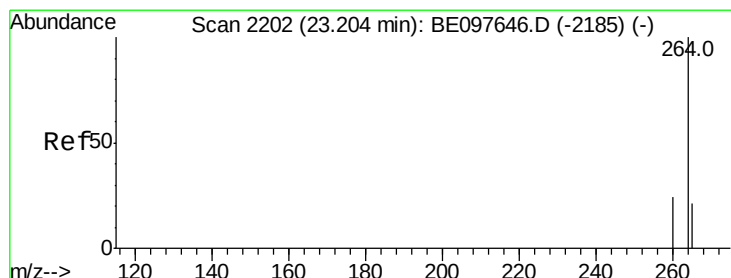
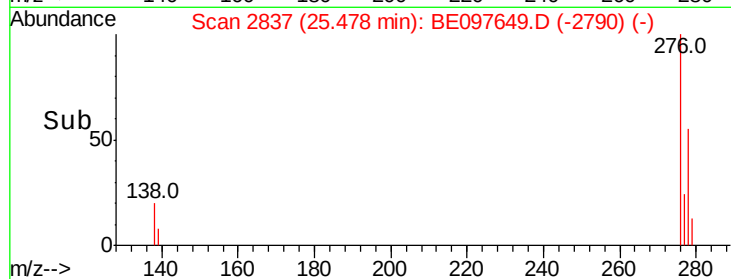
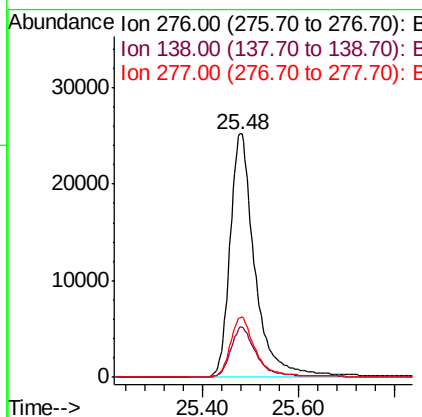
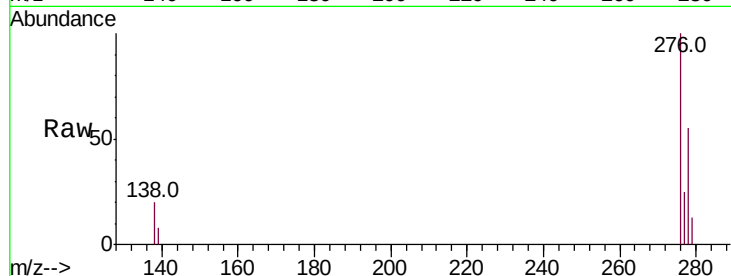




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 2.816 ng
 RT: 25.48 min Scan# 2837
 Delta R.T. -0.03 min
 Lab File: BE097649.D
 Acq: 24 Sep 2018 17:34

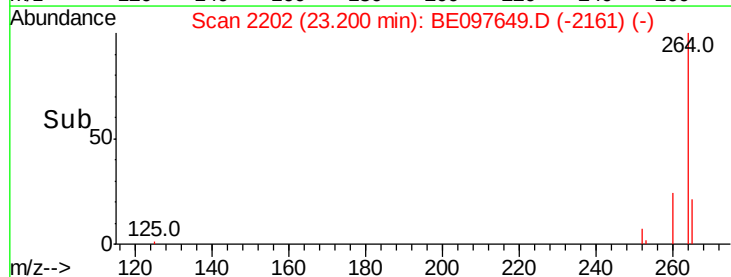
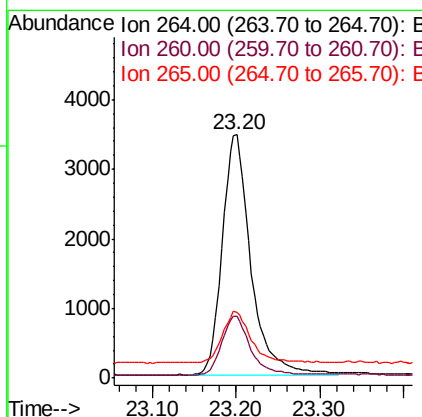
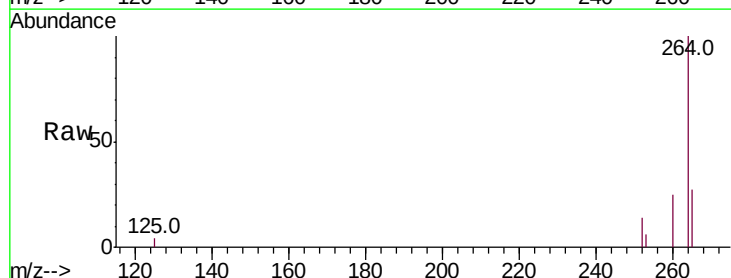
Instrument :
 BNA_E
 ClientSampleId :

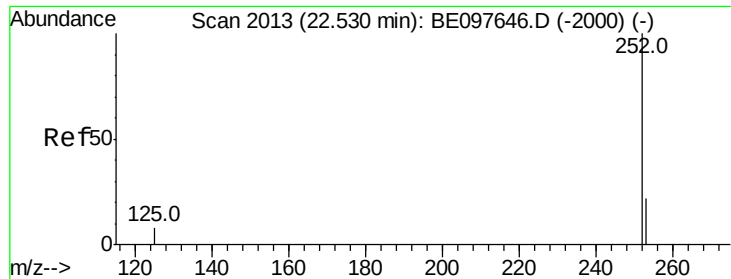
Tot Ion:276 Resp: 89468
 Ion Ratio Lower Upper
 276 100
 138 21.1 22.5 33.7#
 277 25.0 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BE097649.D
 Acq: 24 Sep 2018 17:34

Tgt Ion:264 Resp: 8133
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.5 30.7
 265 27.1 22.8 34.2

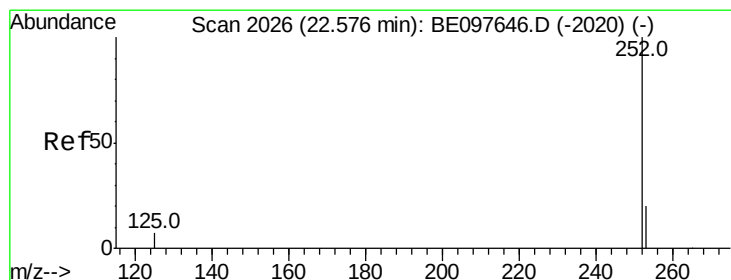
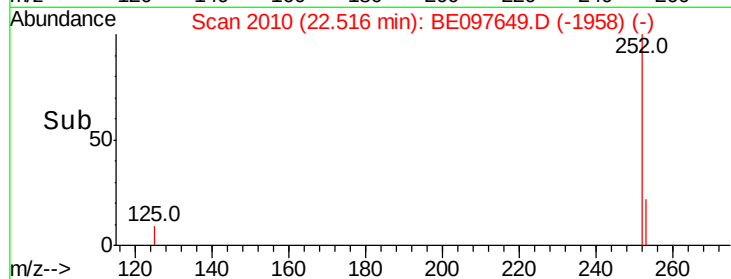
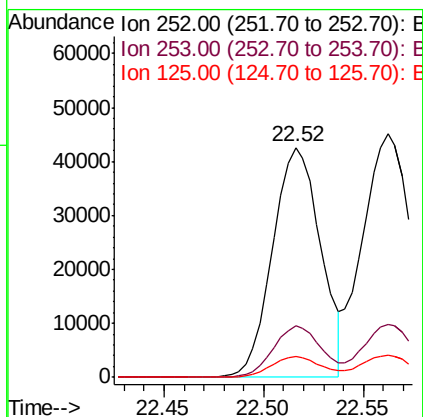
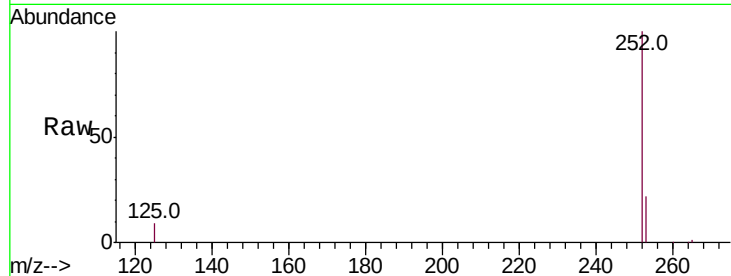




#35
Benzo(b)fluoranthene
Concen: 3.397 ng
RT: 22.52 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BE097649.D
Acq: 24 Sep 2018 17:34

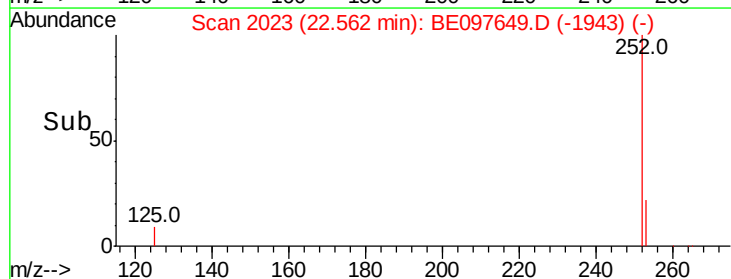
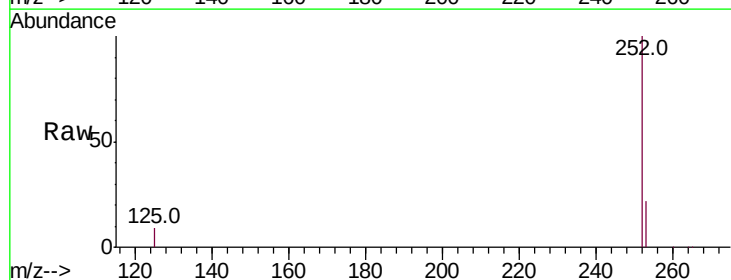
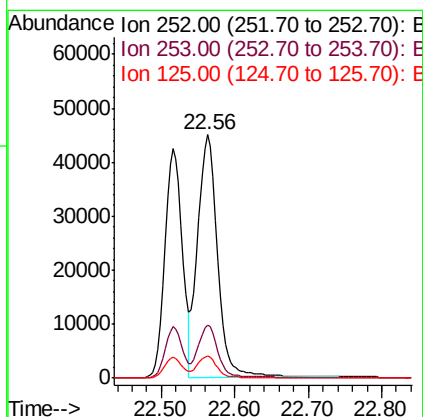
Instrument :
BNA_E
ClientSampleId :

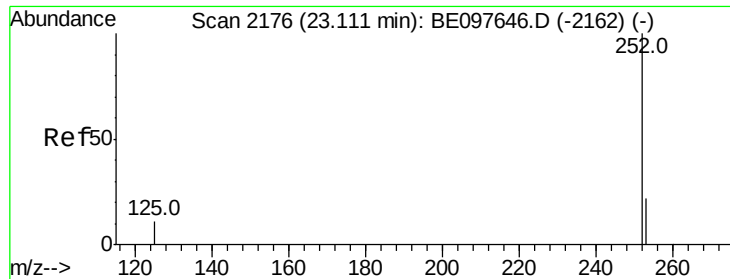
Tot Ion:252 Resp: 70841
Ion Ratio Lower Upper
252 100
253 22.2 20.0 30.0
125 9.1 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 3.506 ng
RT: 22.56 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BE097649.D
Acq: 24 Sep 2018 17:34

Tgt Ion:252 Resp: 83489
Ion Ratio Lower Upper
252 100
253 21.8 16.0 24.0
125 9.1 8.0 12.0





#37

Benzo(a)pyrene

Concen: 3.245 ng

RT: 23.09 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BE097649.D

Acq: 24 Sep 2018 17:34

Instrument :

BNA_E

ClientSampleId :

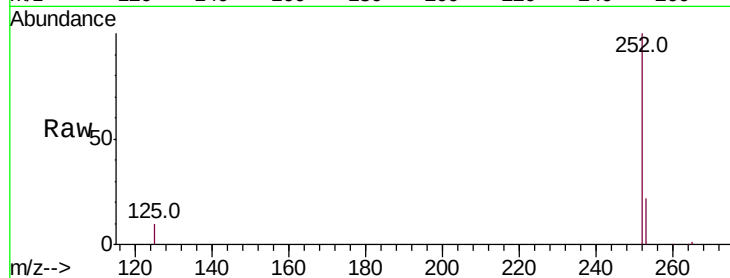
Tot Ion:252 Resp: 69470

Ion Ratio Lower Upper

252 100

253 21.9 16.0 24.0

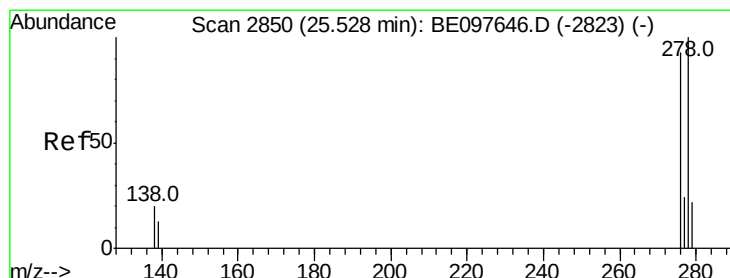
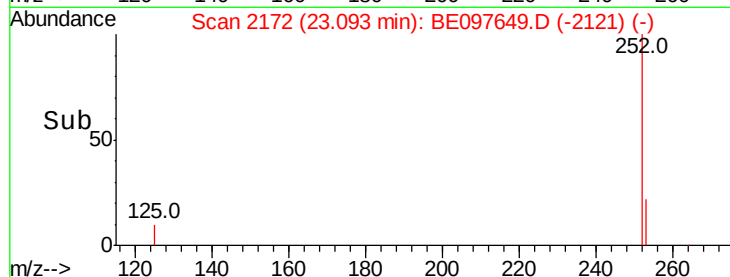
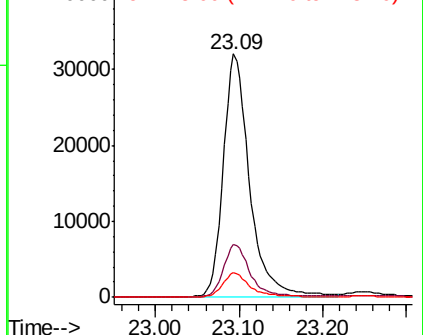
125 10.1 12.0 18.0#



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



#38

Dibenzo(a,h)anthracene

Concen: 3.457 ng

RT: 25.50 min Scan# 2842

Delta R.T. -0.03 min

Lab File: BE097649.D

Acq: 24 Sep 2018 17:34

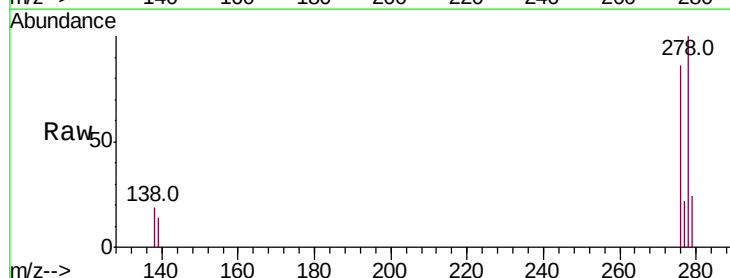
Tgt Ion:278 Resp: 75576

Ion Ratio Lower Upper

278 100

139 13.8 16.0 24.0#

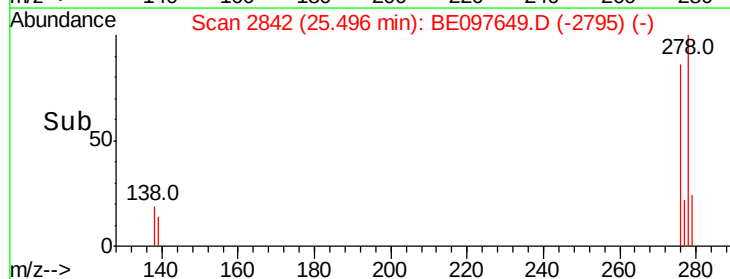
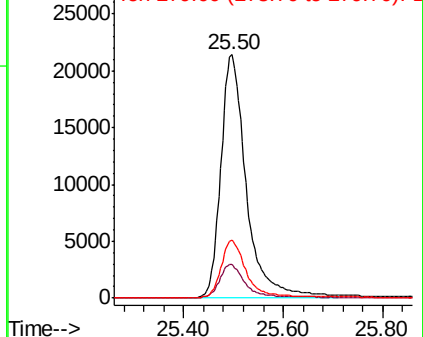
279 24.0 20.0 30.0

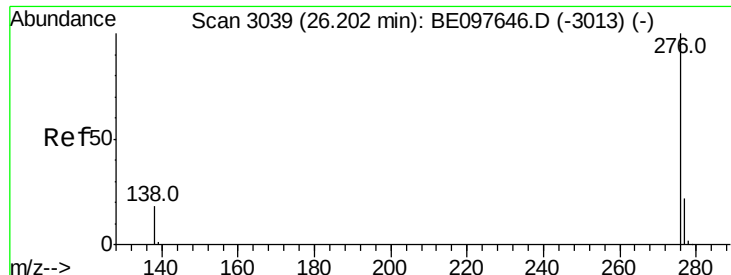


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 3.443 ng

RT: 26.18 min Scan# 3034

Delta R.T. -0.02 min

Lab File: BE097649.D

Acq: 24 Sep 2018 17:34

Instrument :

BNA_E

ClientSampleId :

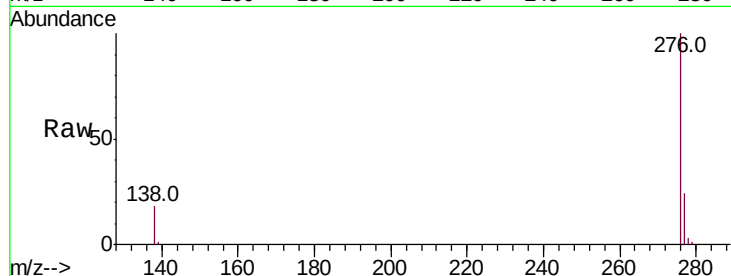
Tot Ion:276 Resp: 73185

Ion Ratio Lower Upper

276 100

277 23.9 16.0 24.0

138 18.4 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

