

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
 Data File : BE097066.D
 Acq On : 24 Jul 2018 10:06
 Operator : SJ/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 24 11:09:42 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 11:09:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1384	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6893	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	4330	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	11645	0.40	ng	0.00
27) Chrysene-d12	20.98	240	10727	0.40	ng	0.00
34) Perylene-d12	23.21	264	8932	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	1462	0.44	ng	0.00
5) Phenol-d6	6.60	99	2119	0.42	ng	0.00
8) Nitrobenzene-d5	8.52	82	2260	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3938	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	515	0.47	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	5832	0.36	ng	0.00
25) Fluoranthene-d10	18.81	212	42729	0.42	ng	0.00
29) Terphenyl-d14	19.43	244	7750	0.37	ng	0.00

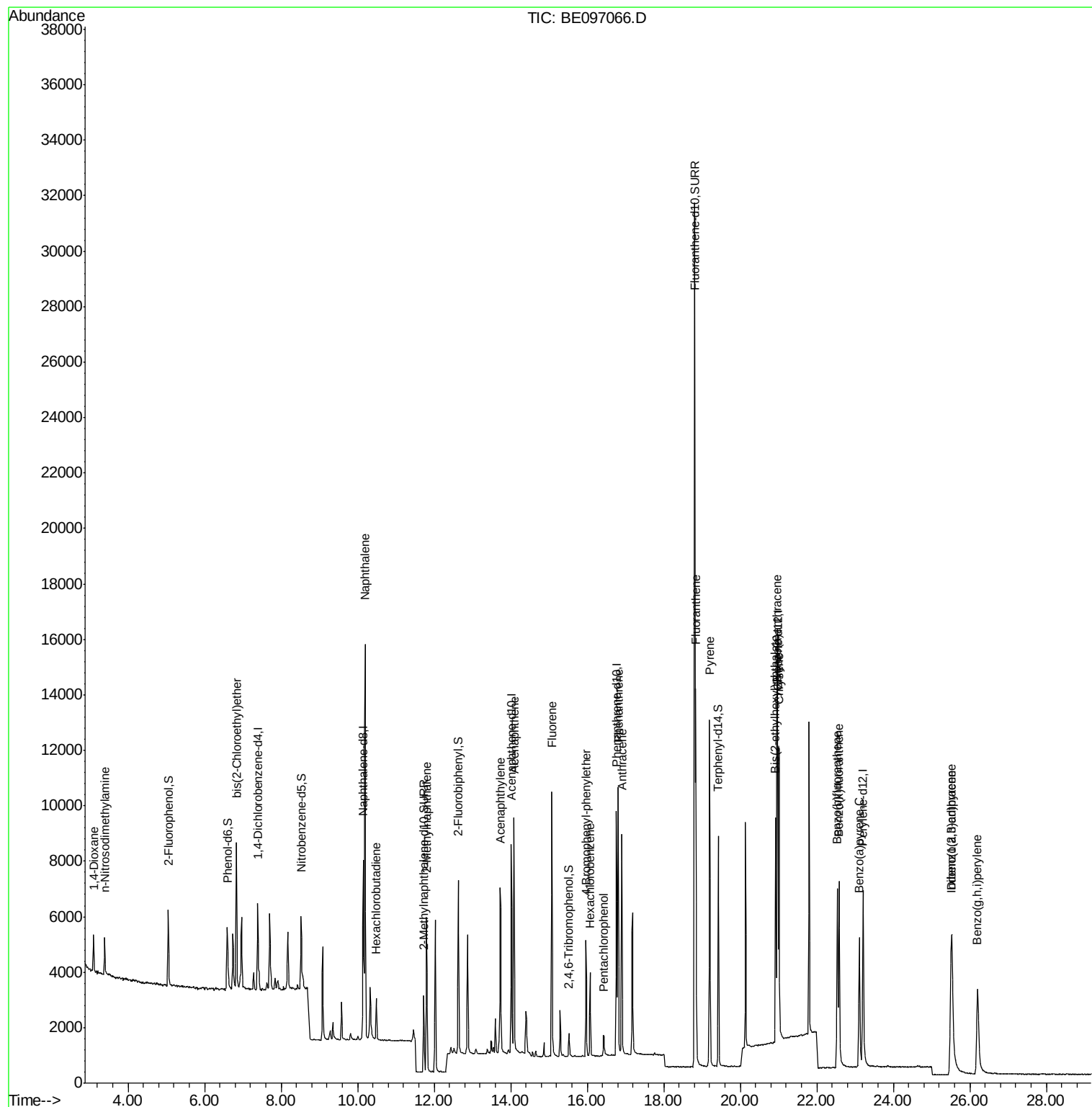
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.10	88	853	0.431	ng	# 92
3) n-Nitrosodimethylamine	3.38	42	914	0.410	ng	# 91
6) bis(2-Chloroethyl)ether	6.84	93	1927	0.389	ng	# 96
9) Naphthalene	10.20	128	23552	0.382	ng	100
10) Hexachlorobutadiene	10.48	225	1062	0.426	ng	98
12) 2-Methylnaphthalene	11.80	142	4045	0.386	ng	98
16) Acenaphthylene	13.73	152	7570	0.383	ng	99
17) Acenaphthene	14.08	154	4411	0.359	ng	92
18) Fluorene	15.08	166	5717	0.414	ng	# 80
20) 4-Bromophenyl-phenylether	15.97	248	2168	0.394	ng	# 85
21) Hexachlorobenzene	16.08	284	2381	0.389	ng	# 83
22) Pentachlorophenol	16.44	266	531	0.529	ng	# 75
23) Phenanthrene	16.81	178	10610	0.380	ng	99
24) Anthracene	16.91	178	9259	0.382	ng	95
26) Fluoranthene	18.84	202	11648	0.396	ng	98
28) Pyrene	19.20	202	11232	0.355	ng	99
30) Benzo(a)anthracene	20.95	228	9605	0.376	ng	98
31) Chrysene	21.01	228	11111	0.388	ng	99
32) Bis(2-ethylhexyl)phthalate	20.92	149	10941	0.429	ng	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	9685	0.464	ng	# 91
35) Benzo(b)fluoranthene	22.54	252	8543	0.375	ng	# 89
36) Benzo(k)fluoranthene	22.58	252	9800	0.361	ng	95
37) Benzo(a)pyrene	23.11	252	8030	0.394	ng	# 91
38) Dibenzo(a,h)anthracene	25.54	278	8033	0.482	ng	96
39) Benzo(g,h,i)perylene	26.20	276	8554	0.462	ng	# 90

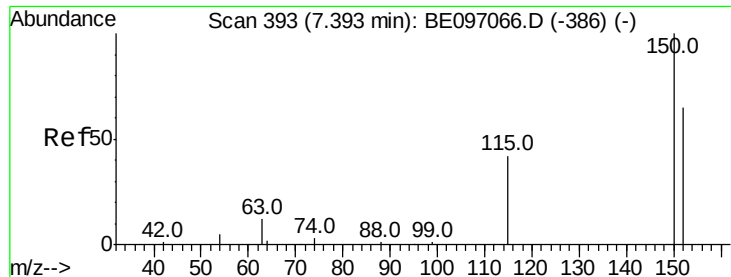
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 393

Delta R.T. 0.00 min

Lab File: BE097066.D

Acq: 24 Jul 2018 10:06

Instrument :

BNA_E

ClientSampleId :

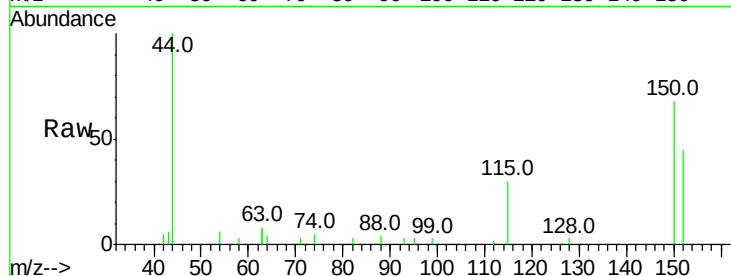
Tot Ion:152 Resp: 1384

Ion Ratio Lower Upper

152 100

150 152.1 117.2 175.8

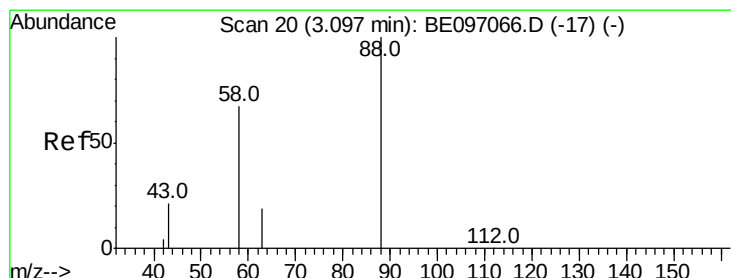
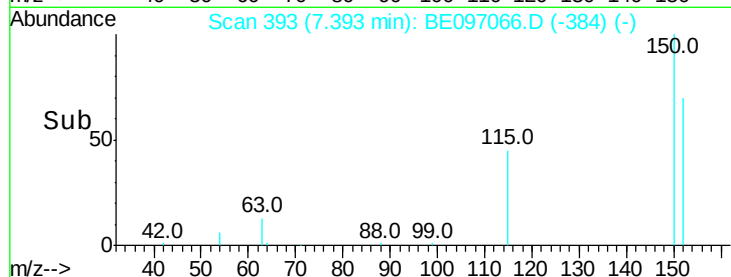
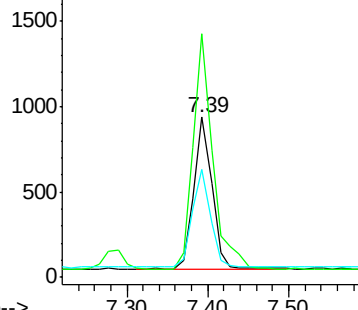
115 67.7 57.0 85.6



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: 0.431 ng

RT: 3.10 min Scan# 20

Delta R.T. 0.00 min

Lab File: BE097066.D

Acq: 24 Jul 2018 10:06

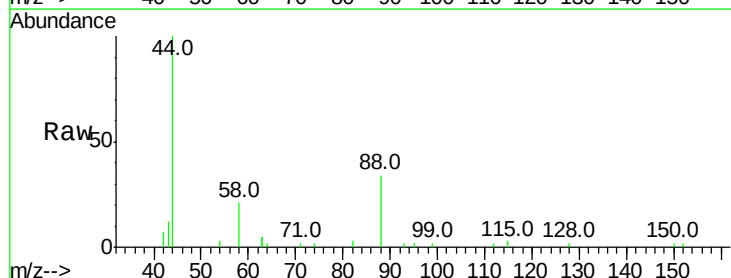
Tgt Ion: 88 Resp: 853

Ion Ratio Lower Upper

88 100

58 81.1 63.2 94.8

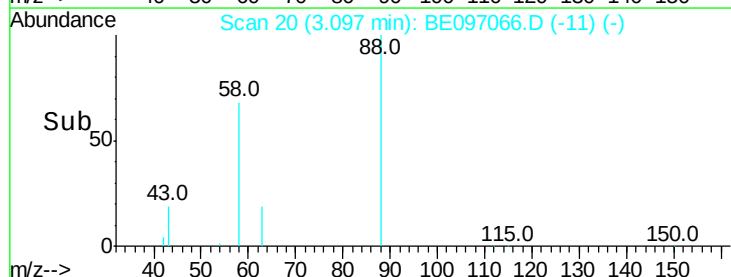
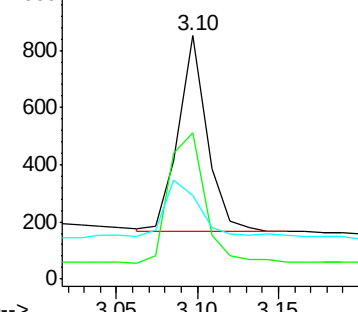
43 40.2 41.2 61.8#

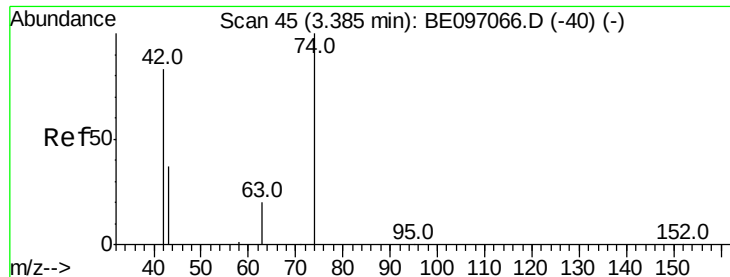


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.410 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE097066.D

Acq: 24 Jul 2018 10:06

Instrument :

BNA_E

ClientSampleId :

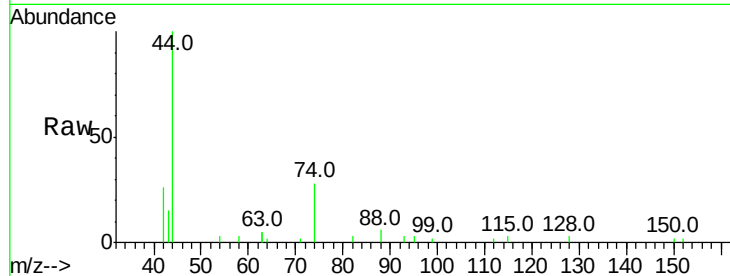
Tot Ion: 42 Resp: 914

Ion Ratio Lower Upper

42 100

74 113.2 96.0 144.0

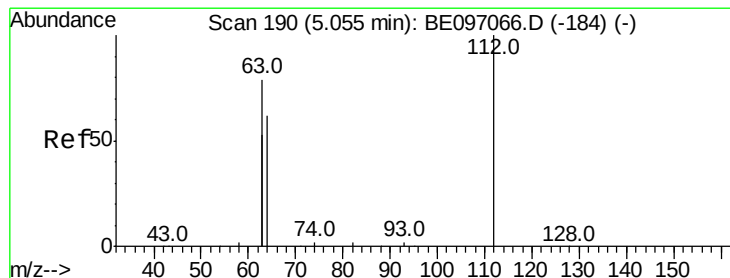
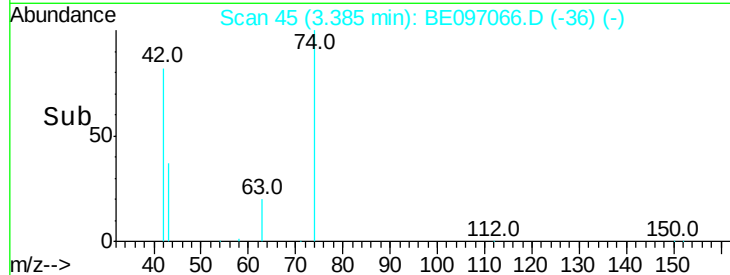
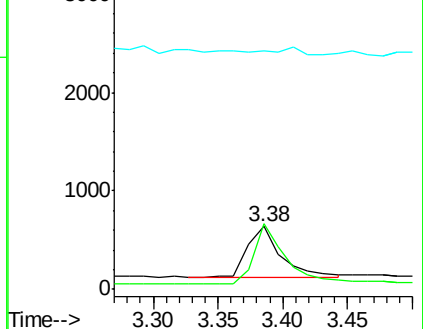
44 0.0 12.0 18.0#



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: 0.442 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097066.D

Acq: 24 Jul 2018 10:06

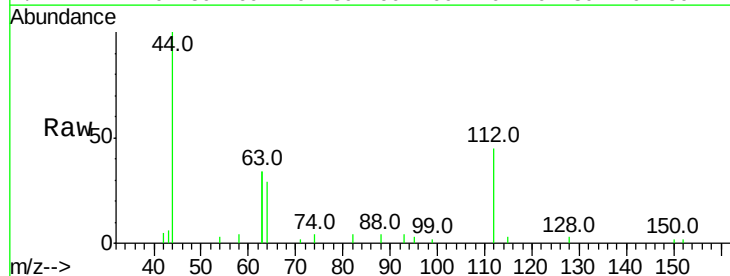
Tgt Ion: 112 Resp: 1462

Ion Ratio Lower Upper

112 100

64 69.0 60.1 90.1

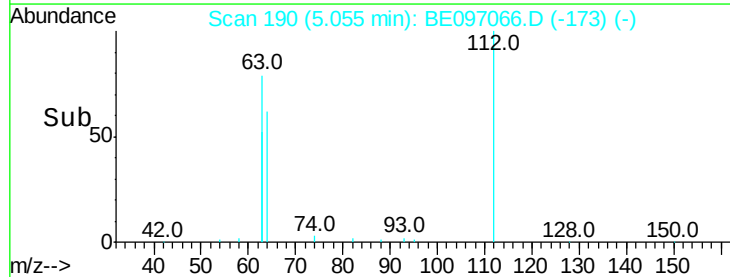
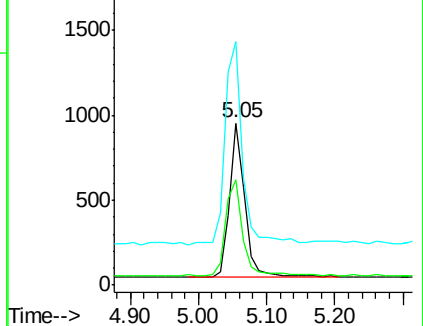
63 149.5 116.8 175.2

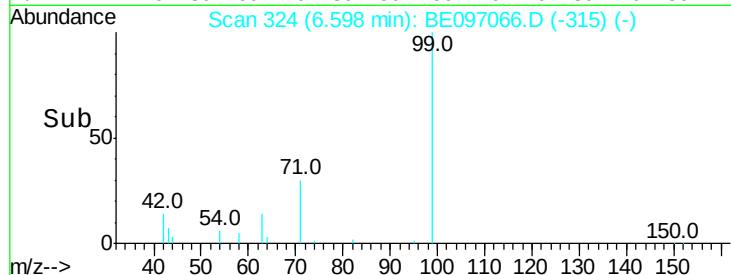
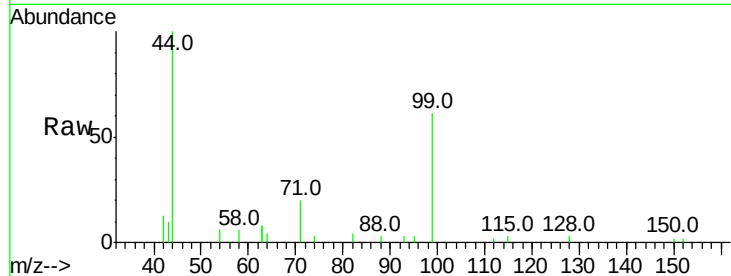
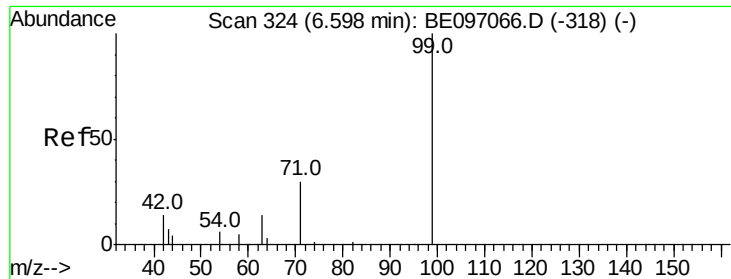


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.419 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE097066.D

Acq: 24 Jul 2018 10:06

Instrument :

BNA_E

ClientSampleId :

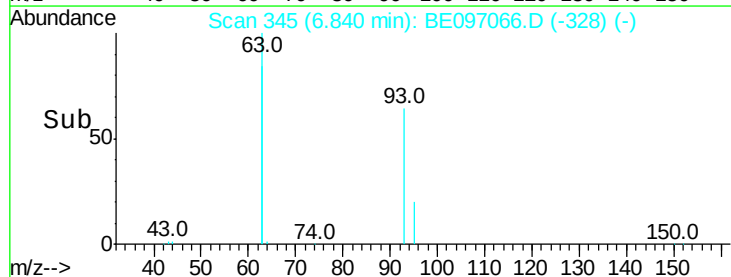
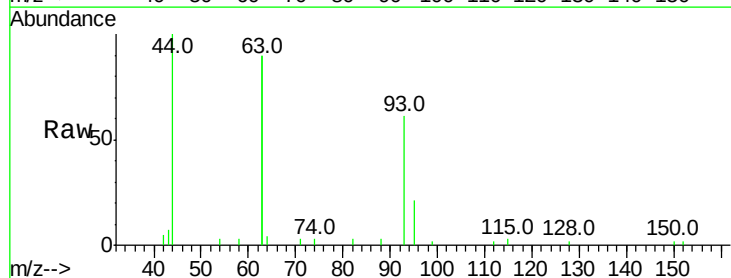
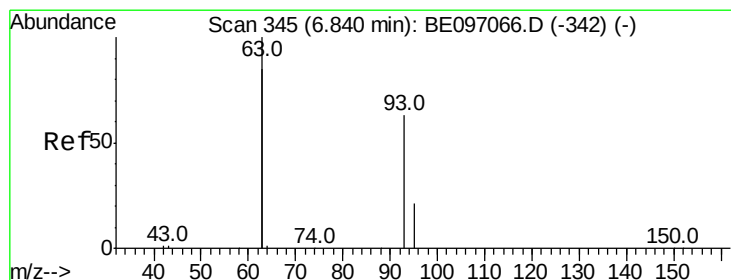
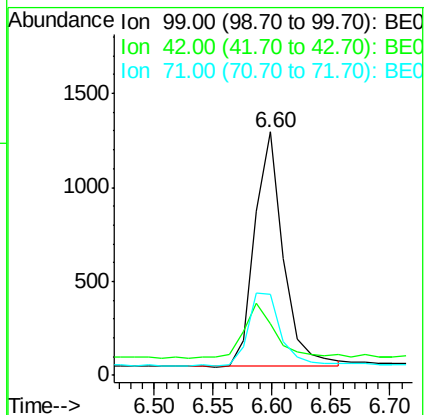
Tot Ion: 99 Resp: 2119

Ion Ratio Lower Upper

99 100

42 25.3 20.2 30.2

71 35.0 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.389 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.00 min

Lab File: BE097066.D

Acq: 24 Jul 2018 10:06

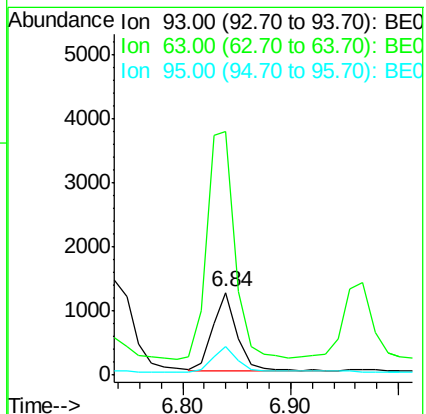
Tgt Ion: 93 Resp: 1927

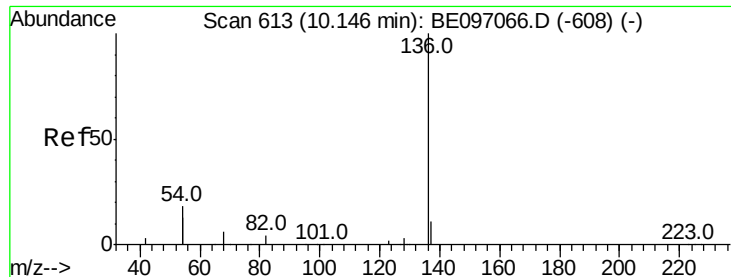
Ion Ratio Lower Upper

93 100

63 335.9 275.3 412.9

95 33.7 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: BE097066.D

Acq: 24 Jul 2018 10:06

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 6893

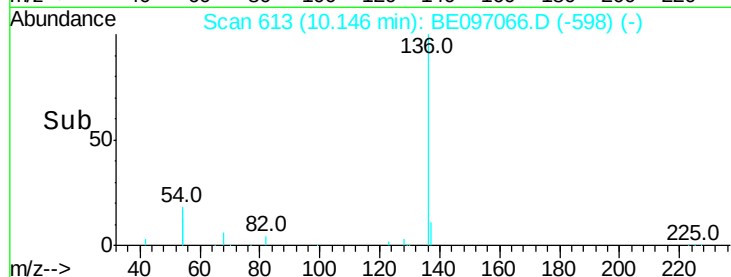
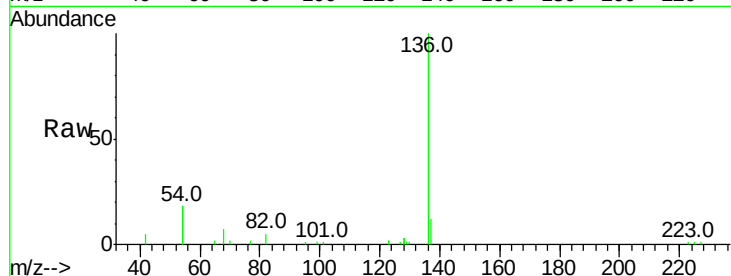
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 36.0 29.1 43.7

68 7.1 6.2 9.2

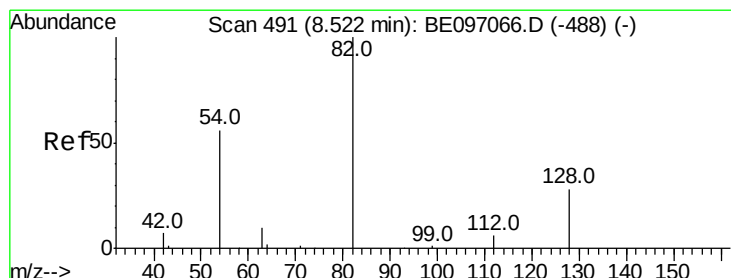
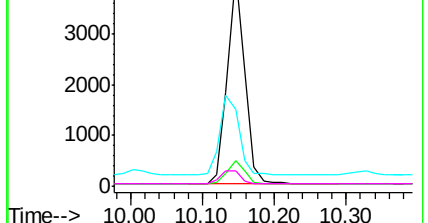


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.450 ng

RT: 8.52 min Scan# 491

Delta R.T. 0.00 min

Lab File: BE097066.D

Acq: 24 Jul 2018 10:06

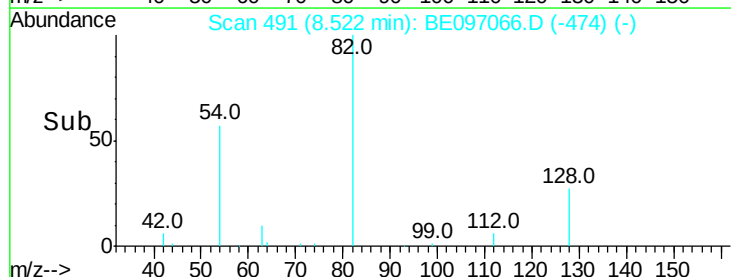
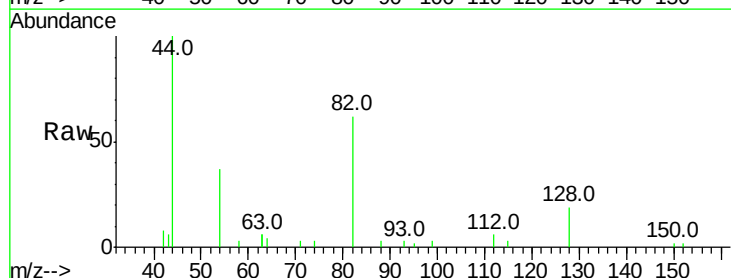
Tgt Ion: 82 Resp: 2260

Ion Ratio Lower Upper

82 100

128 30.4 24.0 36.0

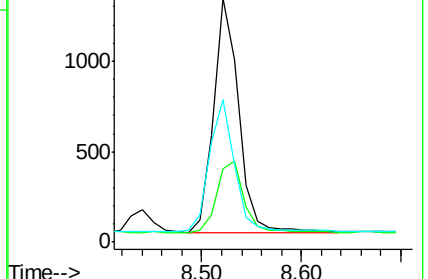
54 58.7 40.0 60.0

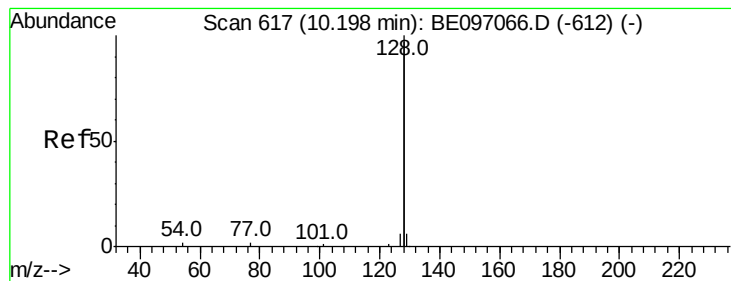


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.382 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE097066.D

Acq: 24 Jul 2018 10:06

Instrument :

BNA_E

ClientSampleId :

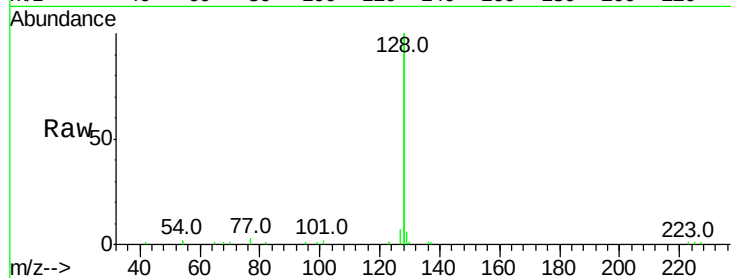
Tot Ion:128 Resp: 23552

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

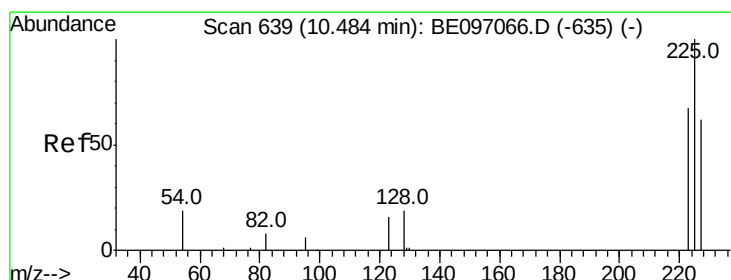
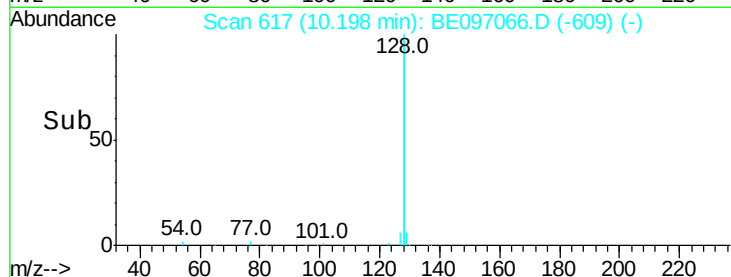
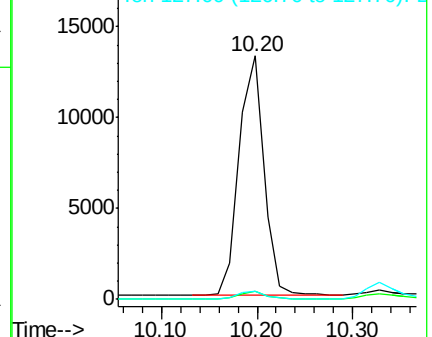
127 3.3 2.8 4.2



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: 0.426 ng

RT: 10.48 min Scan# 639

Delta R.T. 0.00 min

Lab File: BE097066.D

Acq: 24 Jul 2018 10:06

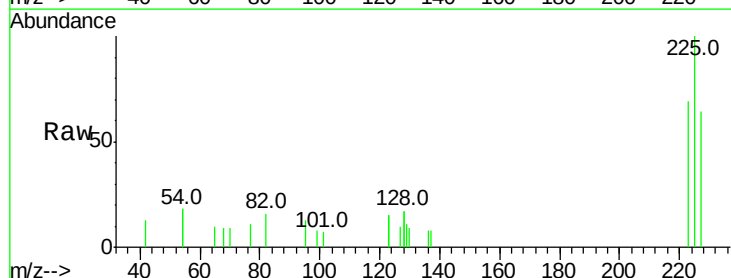
Tgt Ion:225 Resp: 1062

Ion Ratio Lower Upper

225 100

223 63.8 53.0 79.6

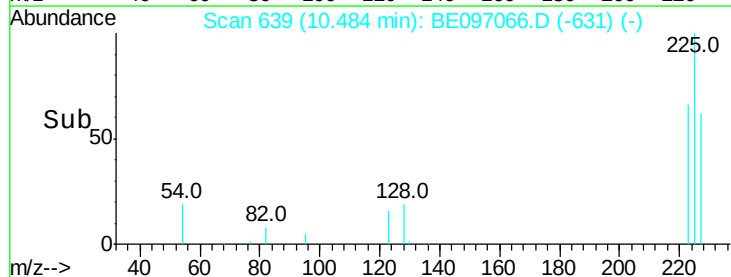
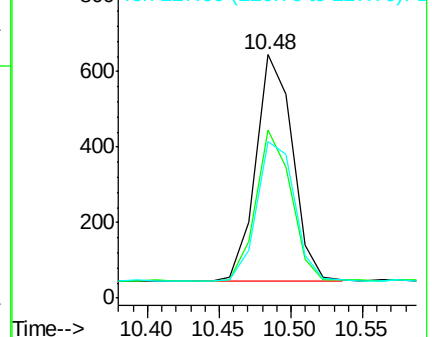
227 63.1 51.4 77.2

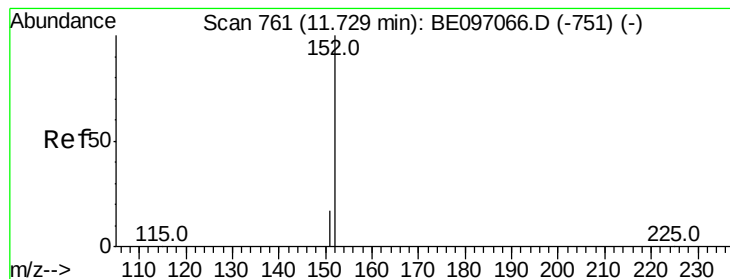


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.392 ng

RT: 11.73 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE097066.D

Acq: 24 Jul 2018 10:06

Instrument :

BNA_E

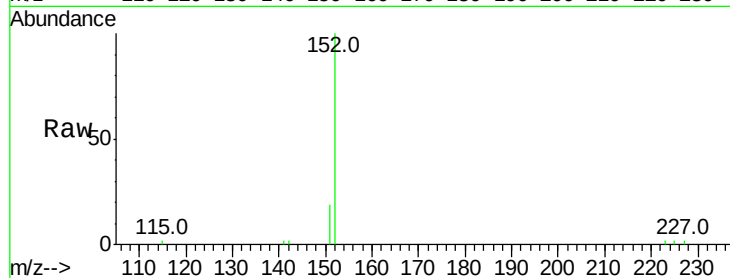
ClientSampleId :

Tot Ion:152 Resp: 3938

Ion Ratio Lower Upper

152 100

151 18.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2500

2000

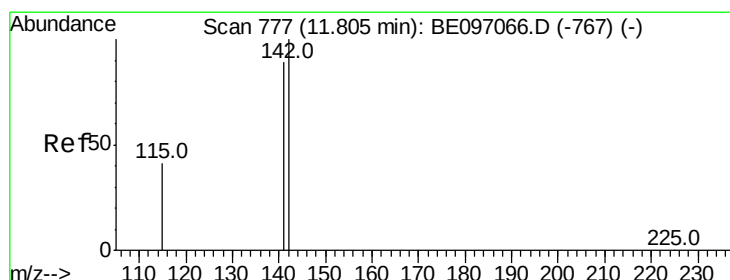
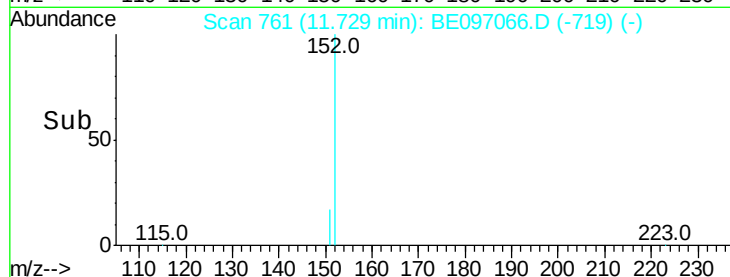
1500

1000

500

0

Time--> 11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.386 ng

RT: 11.80 min Scan# 777

Delta R.T. 0.00 min

Lab File: BE097066.D

Acq: 24 Jul 2018 10:06

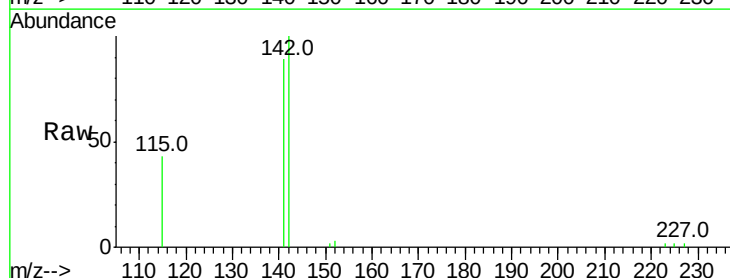
Tgt Ion:142 Resp: 4045

Ion Ratio Lower Upper

142 100

141 88.8 70.4 105.6

115 42.6 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

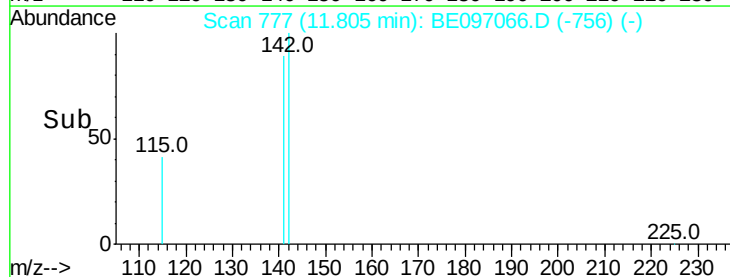
3000

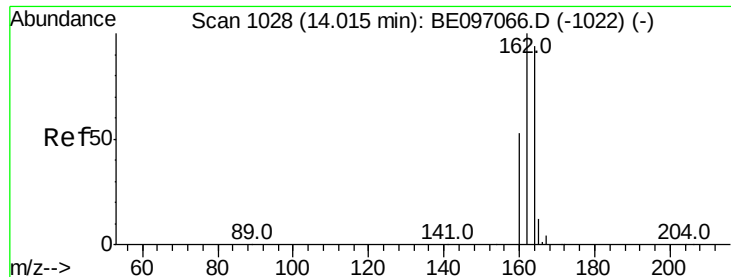
2000

1000

0

Time--> 11.70 11.80 11.90

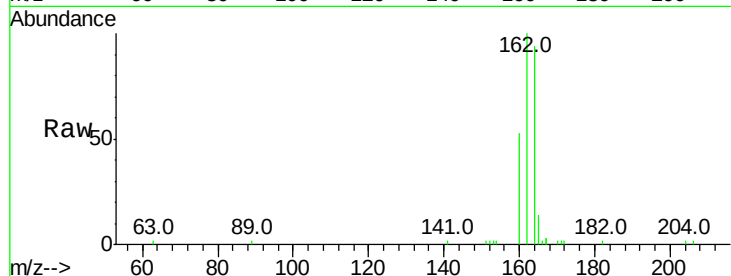




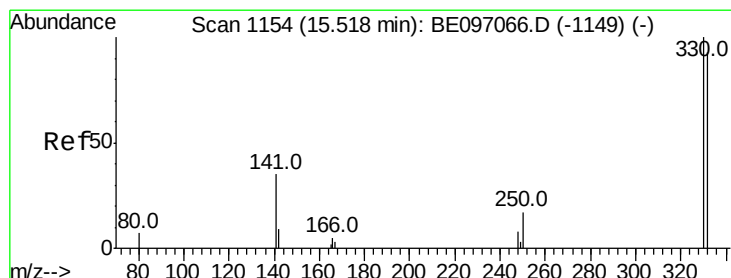
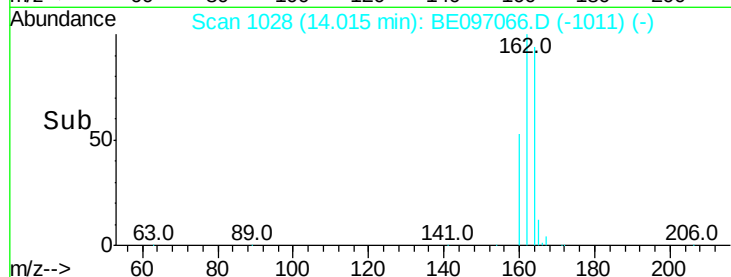
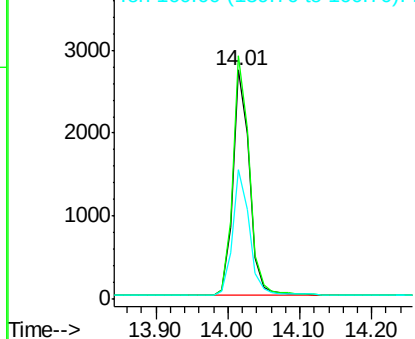
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE097066.D
Acq: 24 Jul 2018 10:06

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 4330
Ion Ratio Lower Upper
164 100
162 106.2 83.1 124.7
160 56.8 37.1 55.7#

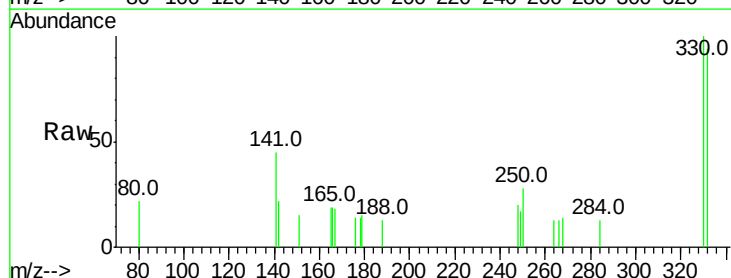


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

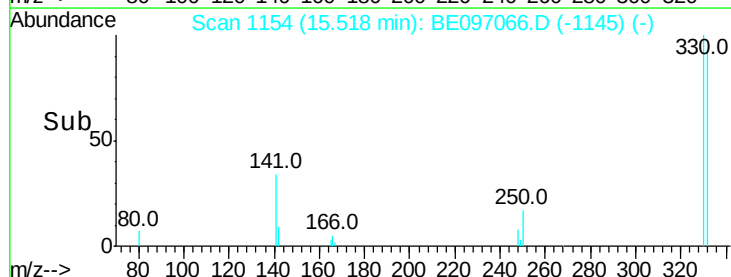
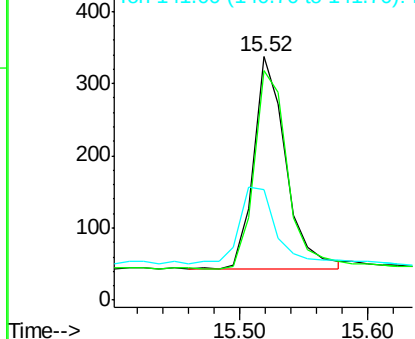


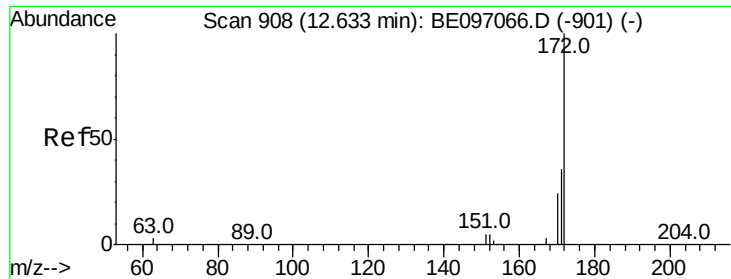
#14
2,4,6-Tribromophenol
Concen: 0.469 ng
RT: 15.52 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097066.D
Acq: 24 Jul 2018 10:06

Tgt Ion:330 Resp: 515
Ion Ratio Lower Upper
330 100
332 96.5 152.7 229.1#
141 41.7 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

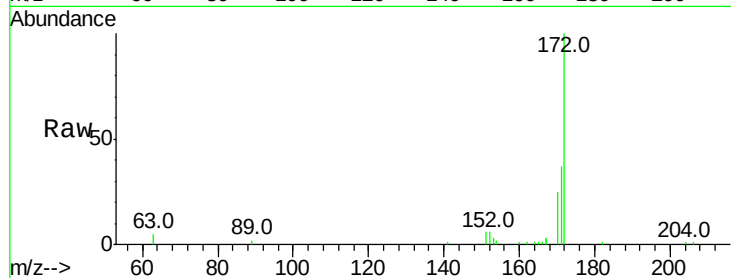




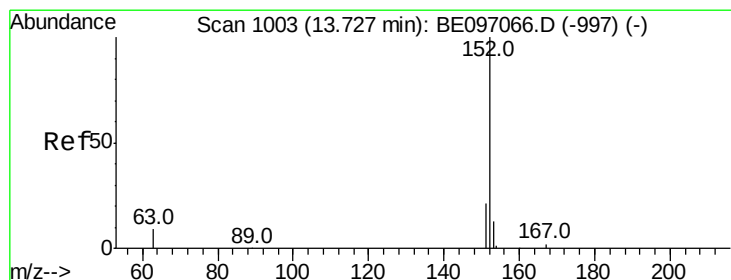
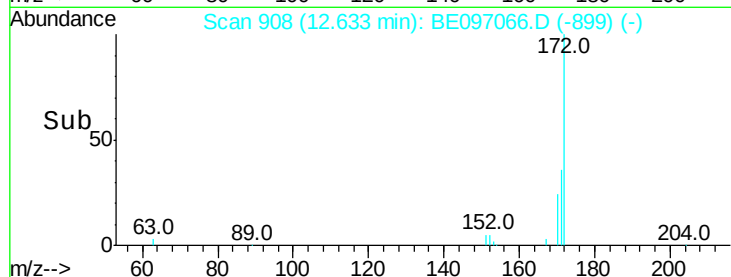
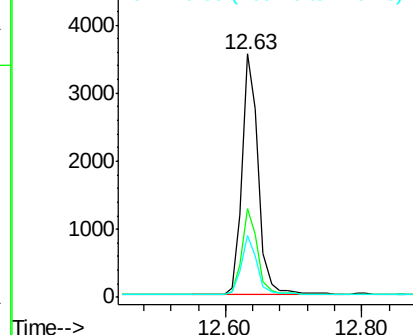
#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE097066.D
Acq: 24 Jul 2018 10:06

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 5832
Ion Ratio Lower Upper
172 100
171 36.7 29.9 44.9
170 25.4 21.8 32.8

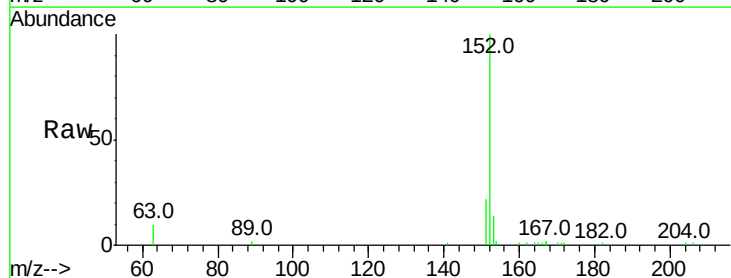


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

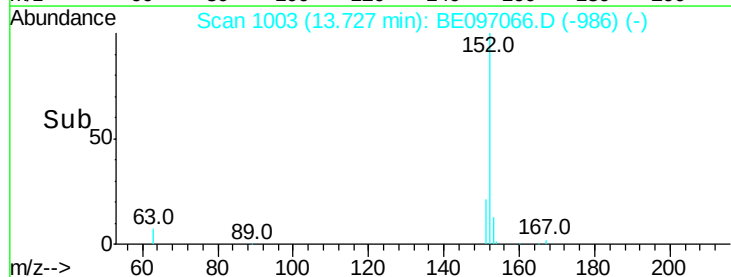
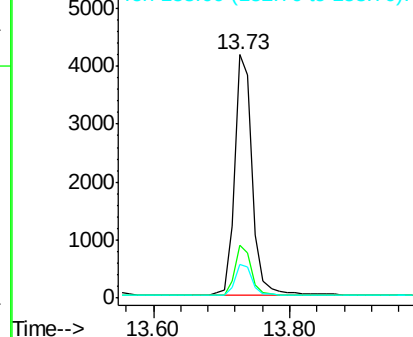


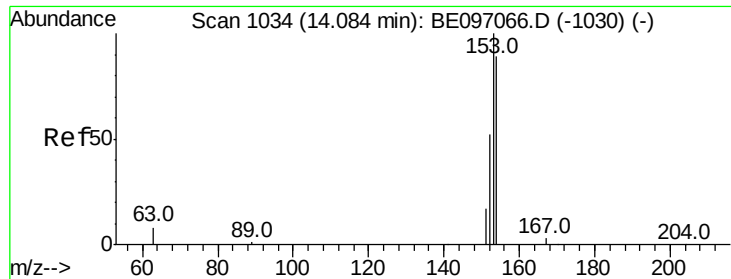
#16
Acenaphthylene
Concen: 0.383 ng
RT: 13.73 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE097066.D
Acq: 24 Jul 2018 10:06

Tgt Ion:152 Resp: 7570
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.3 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.359 ng

RT: 14.08 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BE097066.D

Acq: 24 Jul 2018 10:06

Instrument :

BNA_E

ClientSampleId :

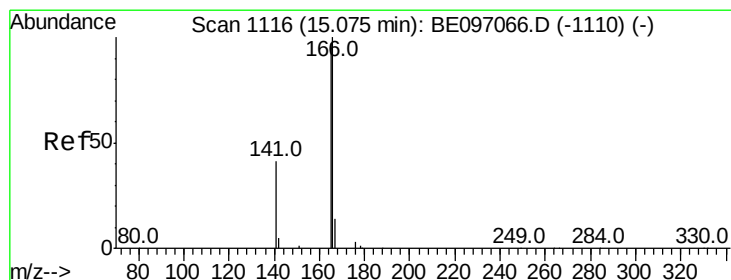
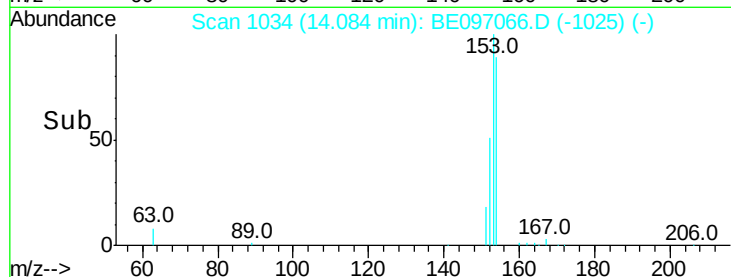
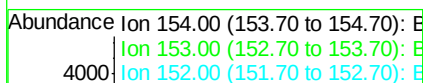
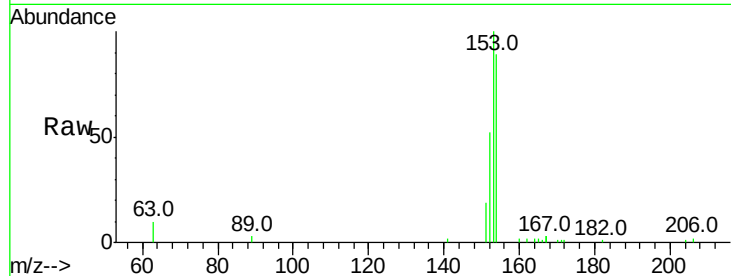
Tot Ion:154 Resp: 4411

Ion Ratio Lower Upper

154 100

153 116.2 89.2 133.8

152 62.9 42.0 63.0



#18

Fluorene

Concen: 0.414 ng

RT: 15.08 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE097066.D

Acq: 24 Jul 2018 10:06

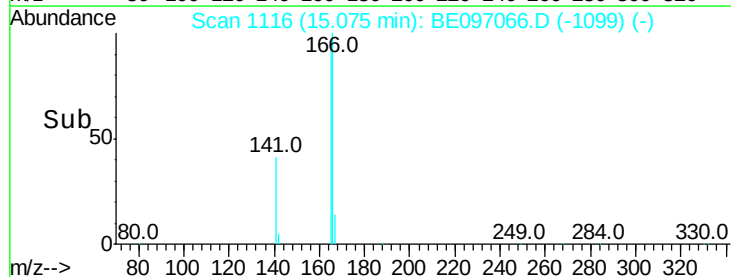
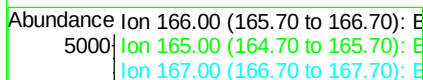
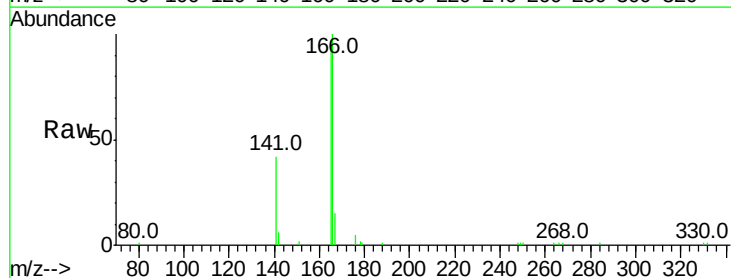
Tgt Ion:166 Resp: 5717

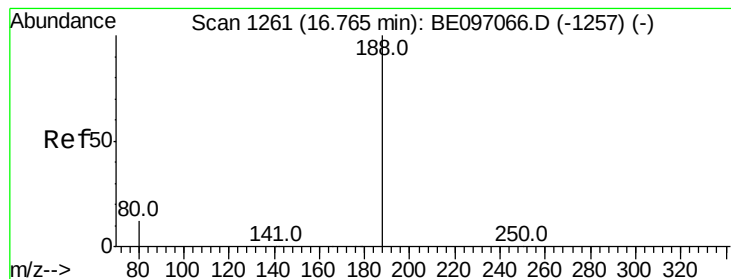
Ion Ratio Lower Upper

166 100

165 98.7 77.8 116.6

167 14.0 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.77 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BE097066.D

Acq: 24 Jul 2018 10:06

Instrument :

BNA_E

ClientSampled :

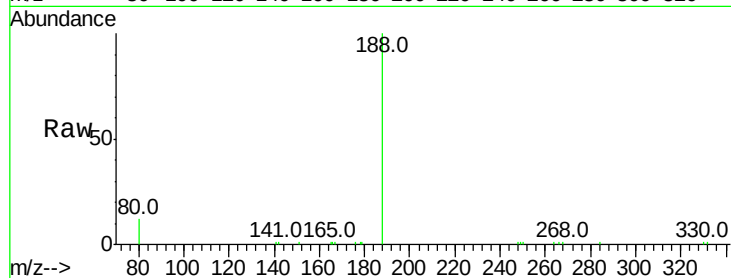
Tot Ion:188 Resp: 11645

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

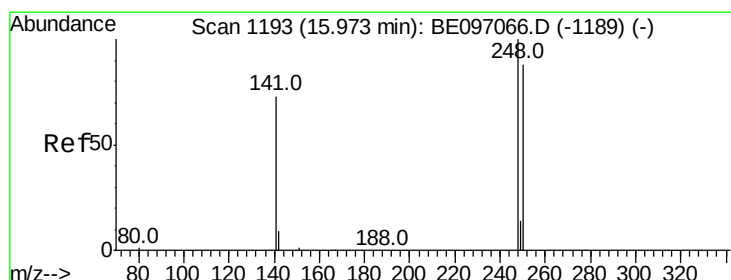
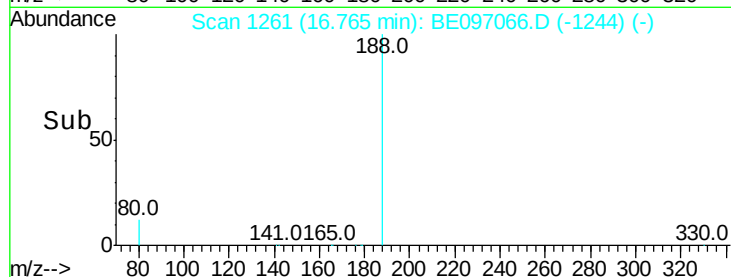
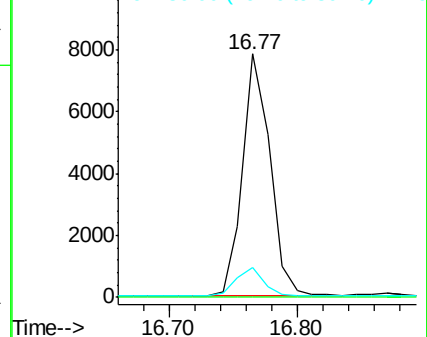
80 12.5 3.6 5.4#



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: 0.394 ng

RT: 15.97 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BE097066.D

Acq: 24 Jul 2018 10:06

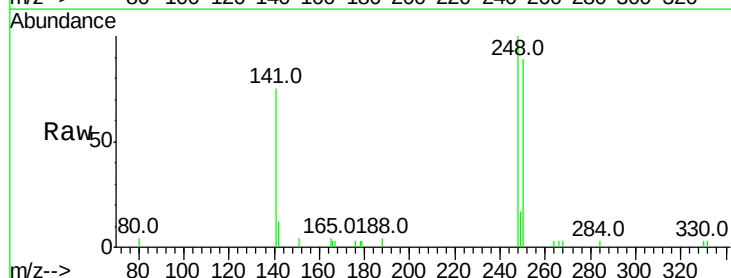
Tgt Ion:248 Resp: 2168

Ion Ratio Lower Upper

248 100

250 88.6 62.7 94.1

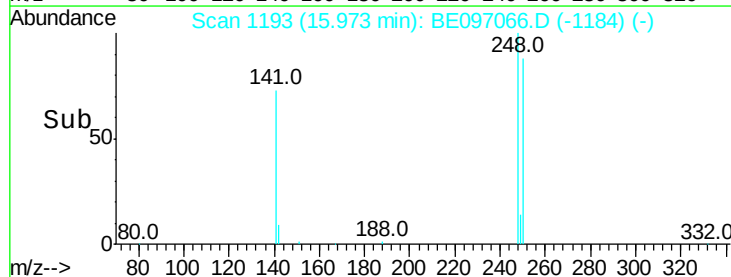
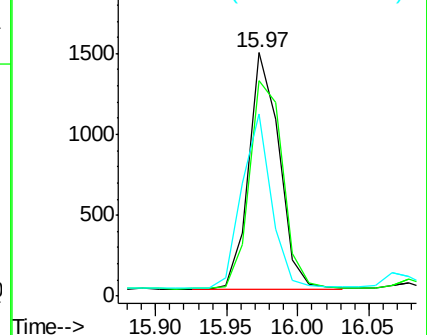
141 74.6 48.2 72.2#

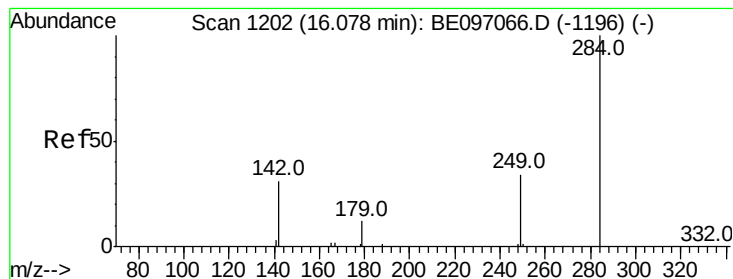


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.389 ng

RT: 16.08 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BE097066.D

Acq: 24 Jul 2018 10:06

Instrument :

BNA_E

ClientSampleId :

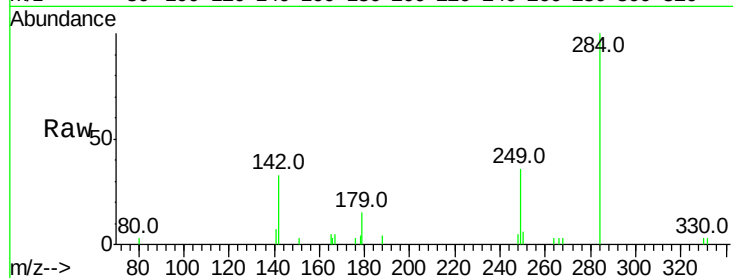
Tot Ion:284 Resp: 2381

Ion Ratio Lower Upper

284 100

142 34.7 22.1 33.1#

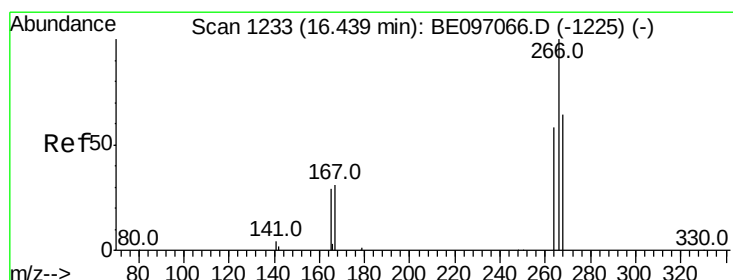
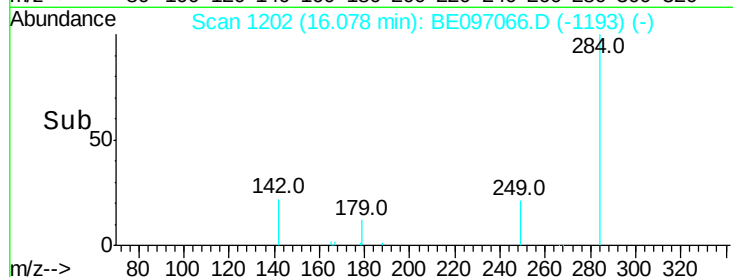
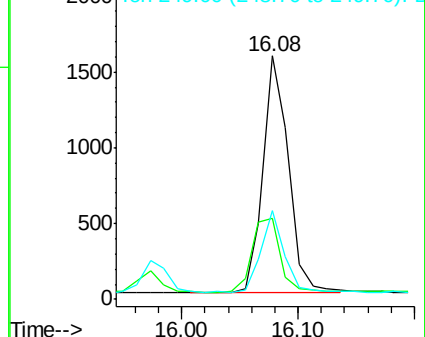
249 31.2 34.8 52.2#



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: 0.529 ng

RT: 16.44 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE097066.D

Acq: 24 Jul 2018 10:06

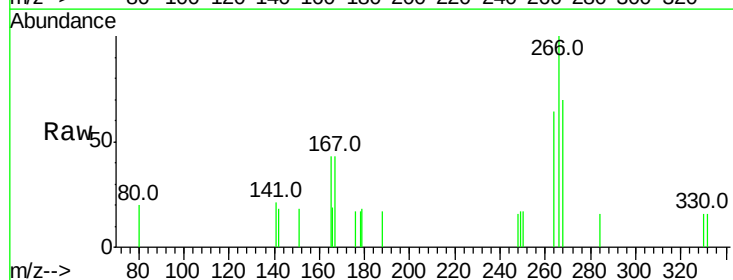
Tgt Ion:266 Resp: 531

Ion Ratio Lower Upper

266 100

264 64.5 72.5 108.7#

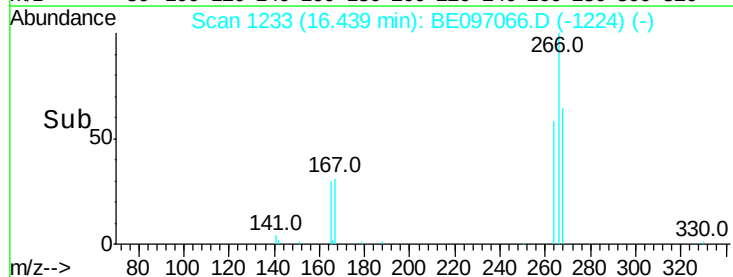
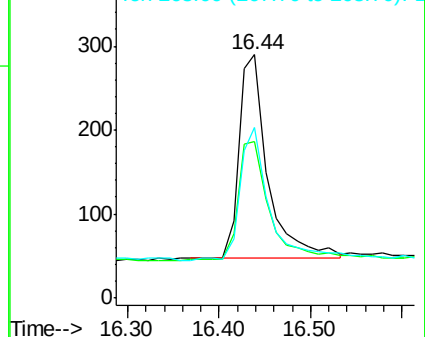
268 70.0 73.8 110.6#

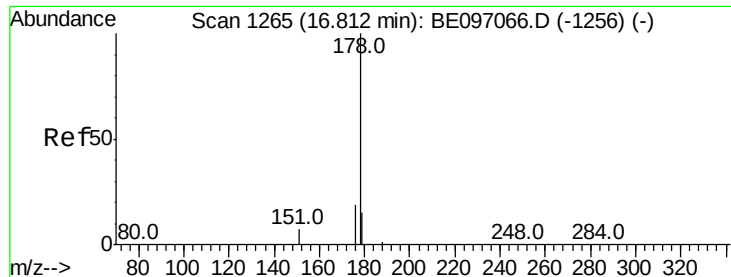


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.380 ng

RT: 16.81 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE097066.D

Acq: 24 Jul 2018 10:06

Instrument :

BNA_E

ClientSampleId :

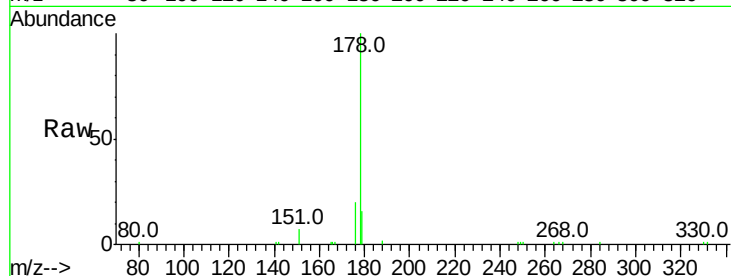
Tot Ion:178 Resp: 10610

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

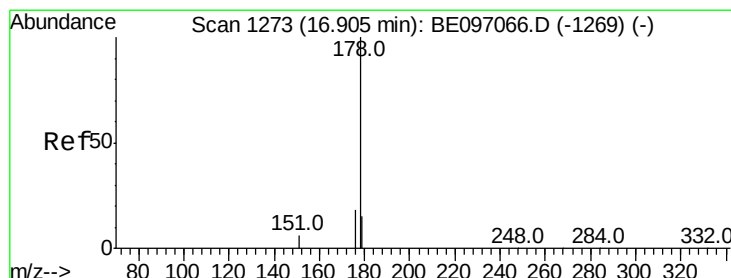
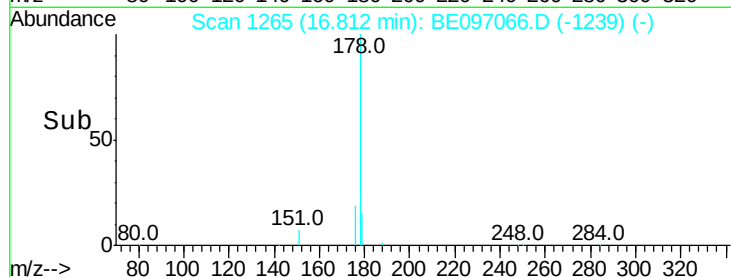
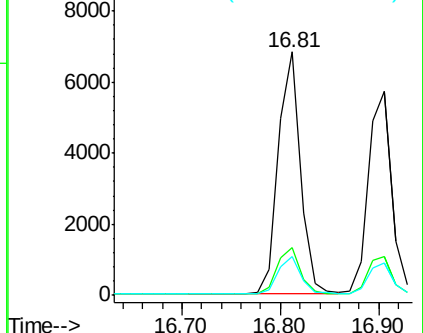
179 15.5 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.382 ng

RT: 16.91 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BE097066.D

Acq: 24 Jul 2018 10:06

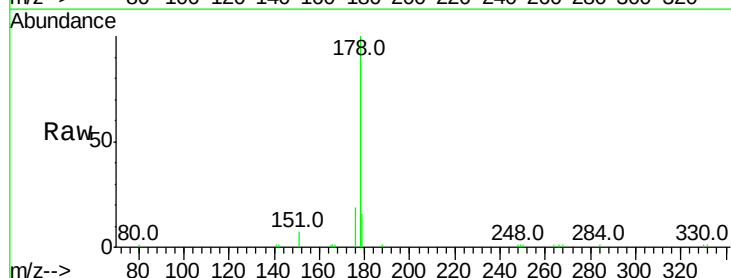
Tgt Ion:178 Resp: 9259

Ion Ratio Lower Upper

178 100

176 18.8 12.8 19.2

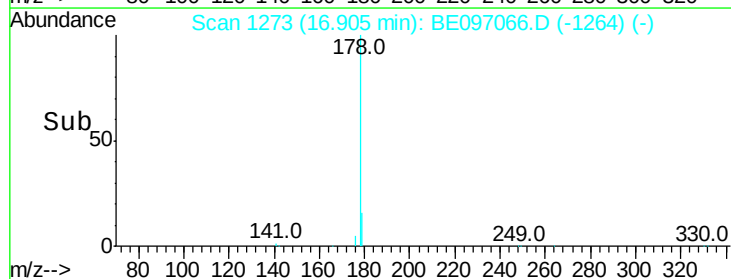
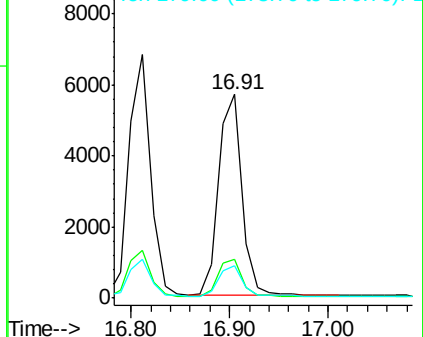
179 15.0 13.0 19.6

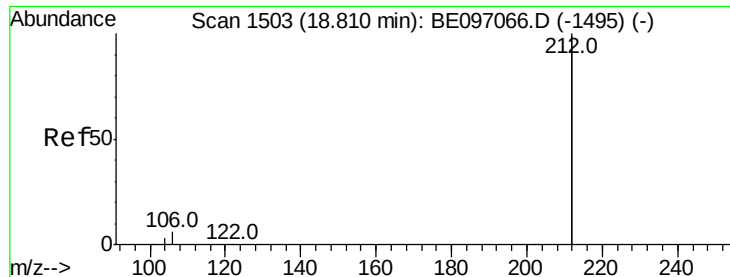


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.422 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE097066.D

Acq: 24 Jul 2018 10:06

Instrument :

BNA_E

ClientSampleId :

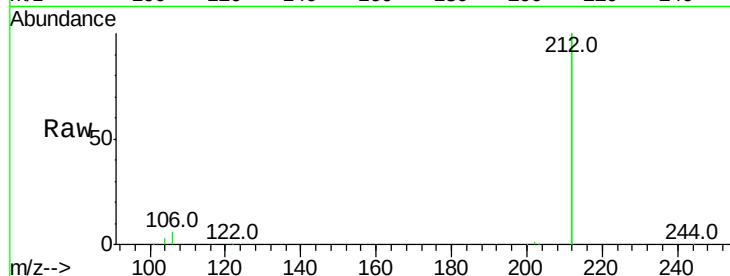
Tot Ion:212 Resp: 42729

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

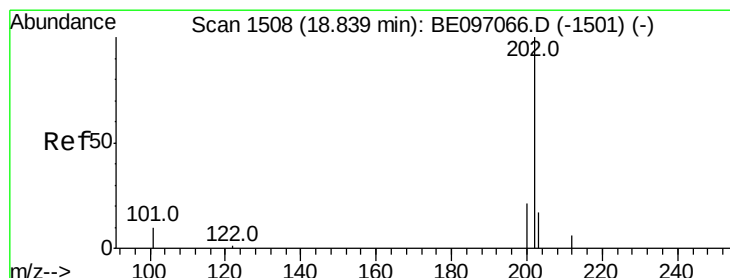
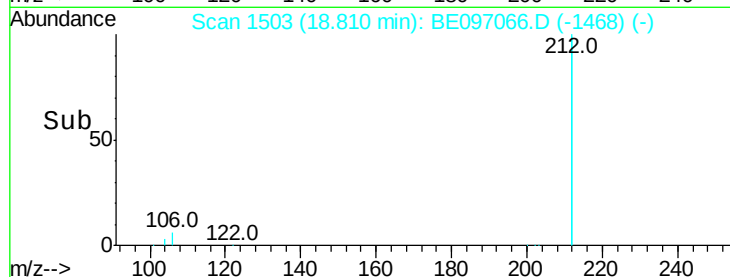
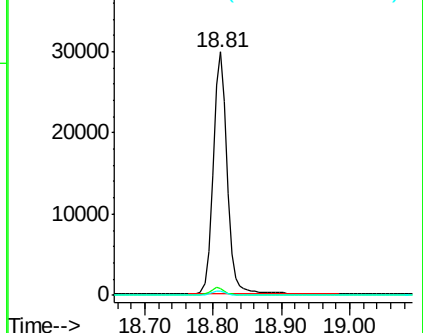
104 1.7 1.6 2.4



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: 0.396 ng

RT: 18.84 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BE097066.D

Acq: 24 Jul 2018 10:06

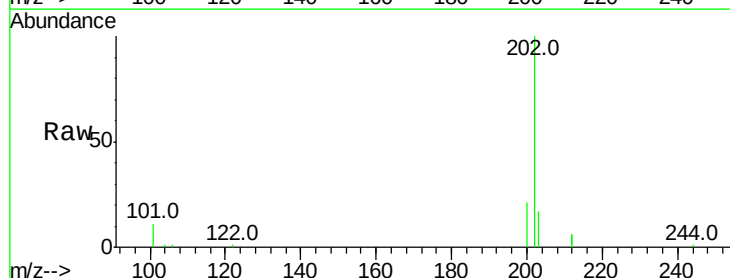
Tgt Ion:202 Resp: 11648

Ion Ratio Lower Upper

202 100

101 10.7 9.8 14.8

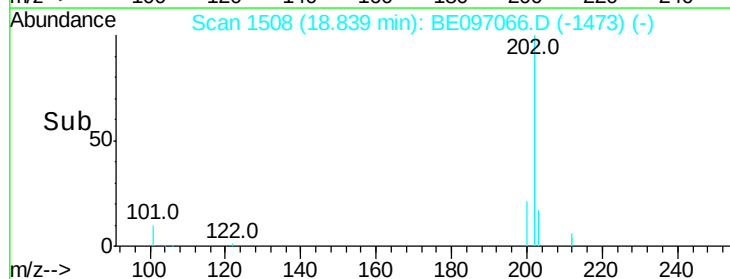
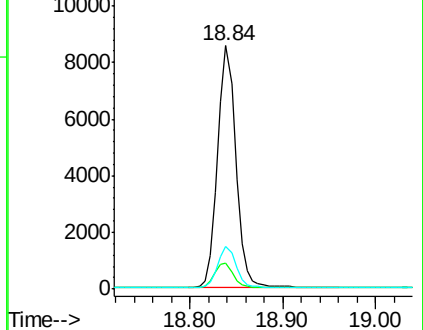
203 17.2 13.7 20.5

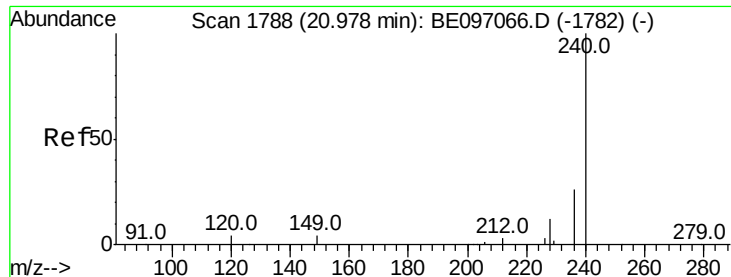


Abundance Ion 202.00 (201.70 to 202.70): E

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: 20.98 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BE097066.D

Acq: 24 Jul 2018 10:06

Instrument :

BNA_E

ClientSampleId :

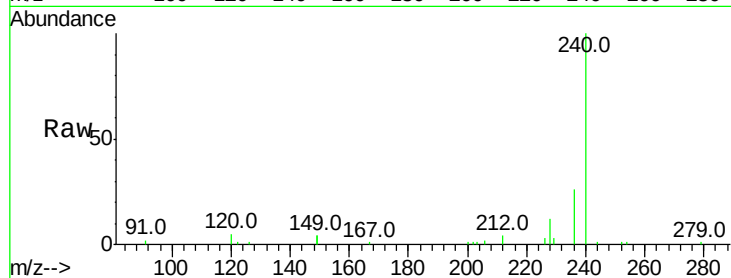
Tot Ion:240 Resp: 10727

Ion Ratio Lower Upper

240 100

120 4.6 5.5 8.3#

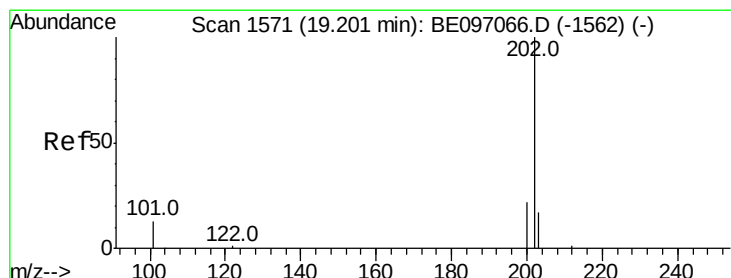
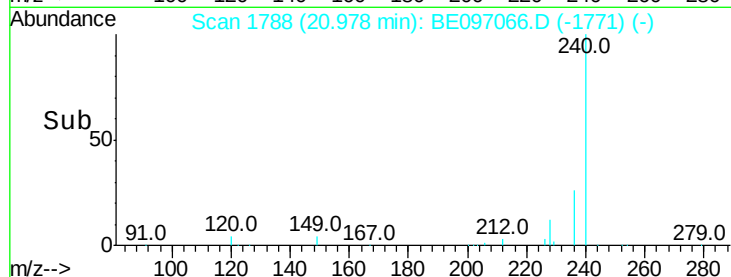
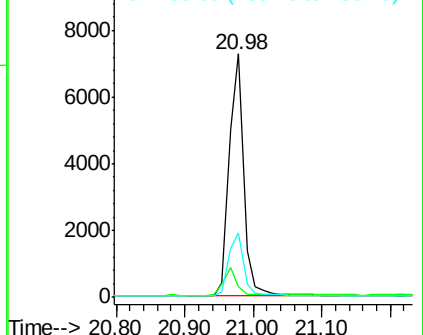
236 26.4 20.7 31.1



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



#28

Pyrene

Concen: 0.355 ng

RT: 19.20 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BE097066.D

Acq: 24 Jul 2018 10:06

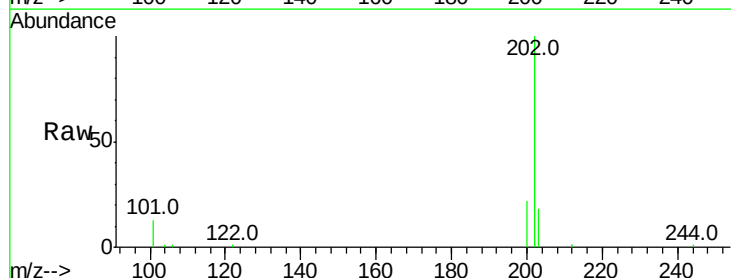
Tgt Ion:202 Resp: 11232

Ion Ratio Lower Upper

202 100

200 21.3 16.6 25.0

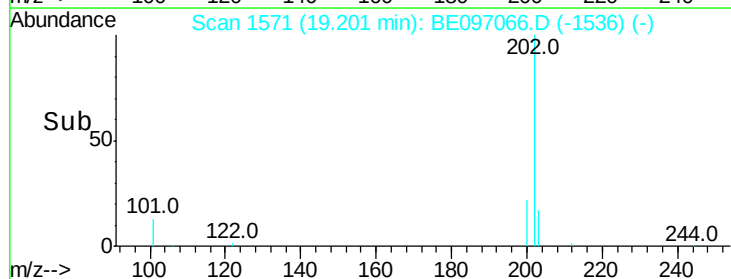
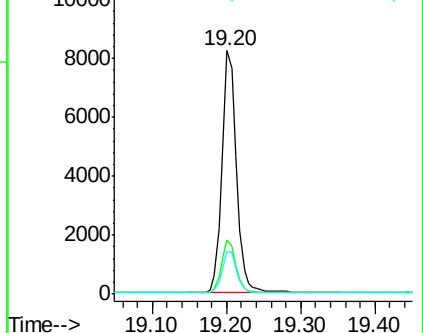
203 17.4 13.8 20.8

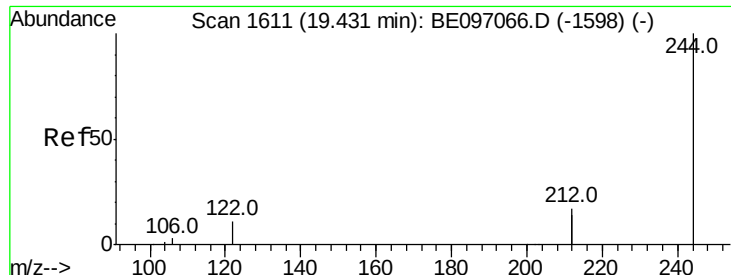


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



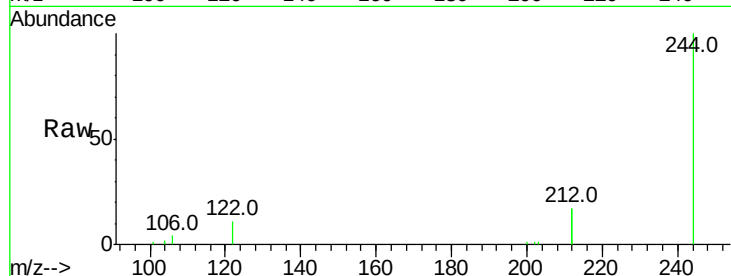


#29
 Terphenyl-d14
 Concen: 0.374 ng
 RT: 19.43 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BE097066.D
 Acq: 24 Jul 2018 10:06

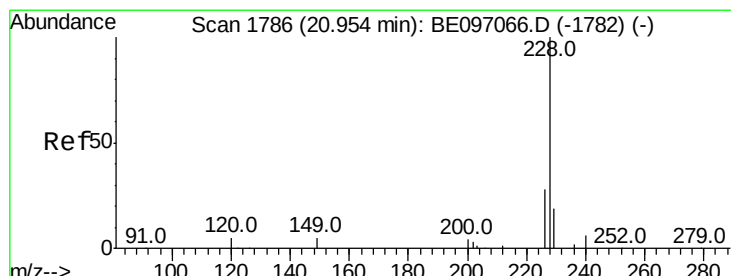
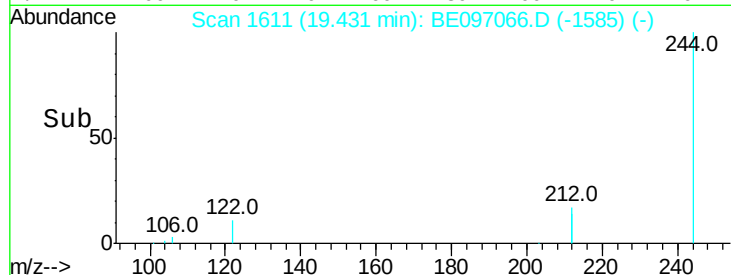
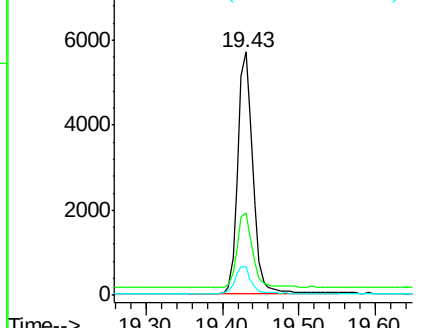
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:244 Resp: 7750

Ion	Ratio	Lower	Upper
244	100		
212	33.6	25.4	38.0
122	11.5	8.1	12.1



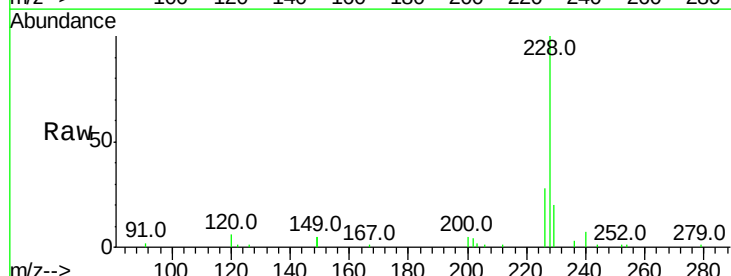
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



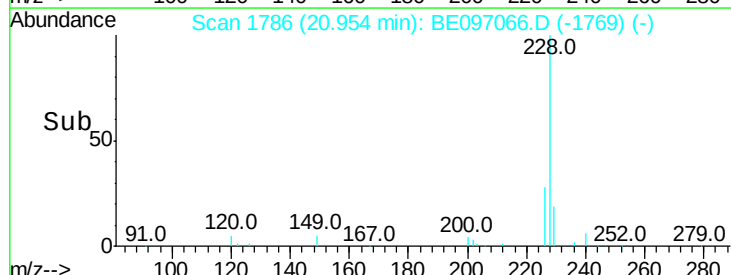
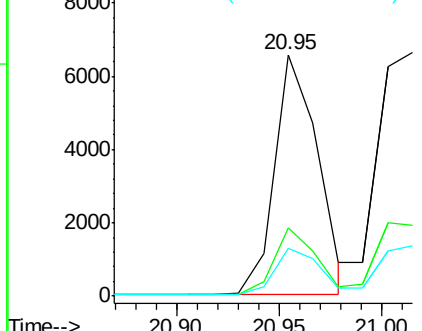
#30
 Benzo(a)anthracene
 Concen: 0.376 ng
 RT: 20.95 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BE097066.D
 Acq: 24 Jul 2018 10:06

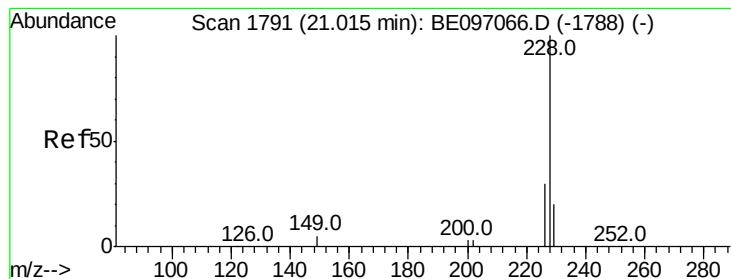
Tgt Ion:228 Resp: 9605

Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.0	36.0
229	19.9	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: 0.388 ng

RT: 21.01 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BE097066.D

Acq: 24 Jul 2018 10:06

Instrument :

BNA_E

ClientSampleId :

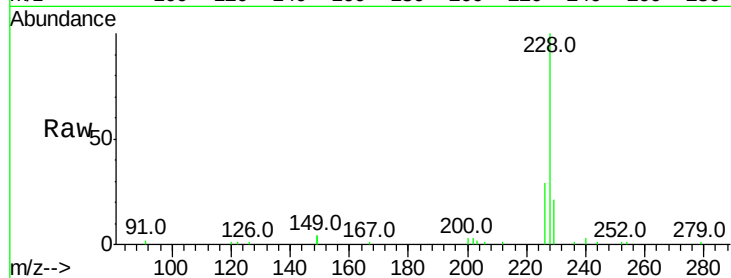
Tot Ion:228 Resp: 11111

Ion Ratio Lower Upper

228 100

226 29.3 24.0 36.0

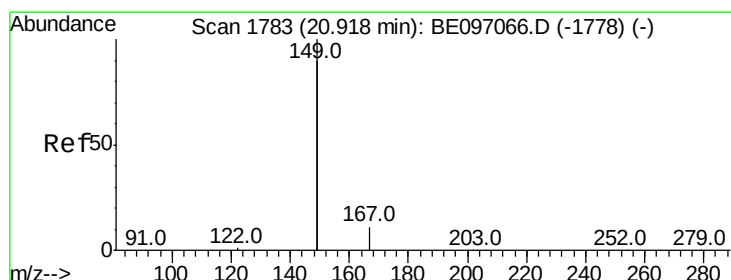
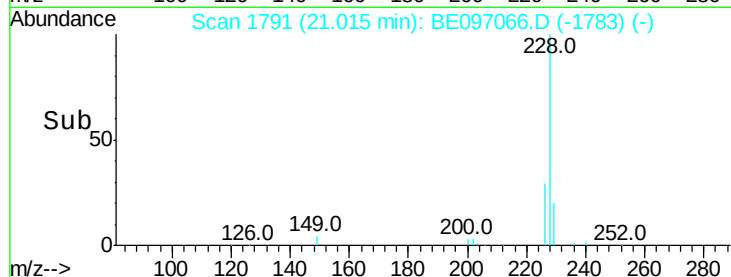
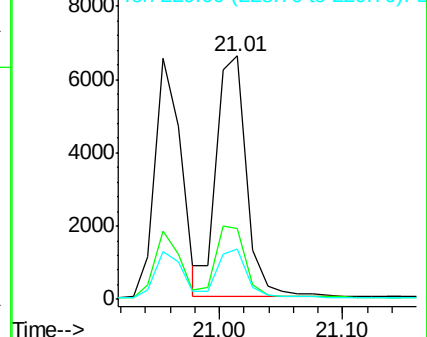
229 20.7 16.0 24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.429 ng

RT: 20.92 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BE097066.D

Acq: 24 Jul 2018 10:06

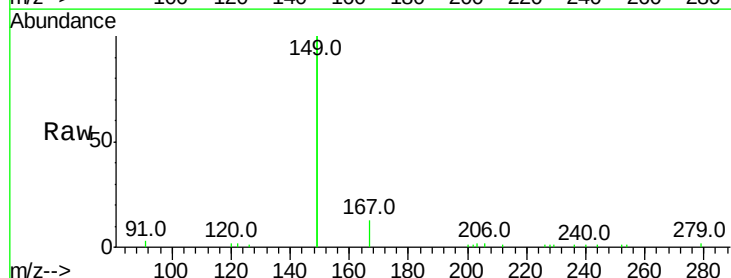
Tgt Ion:149 Resp: 10941

Ion Ratio Lower Upper

149 100

167 6.2 5.4 8.0

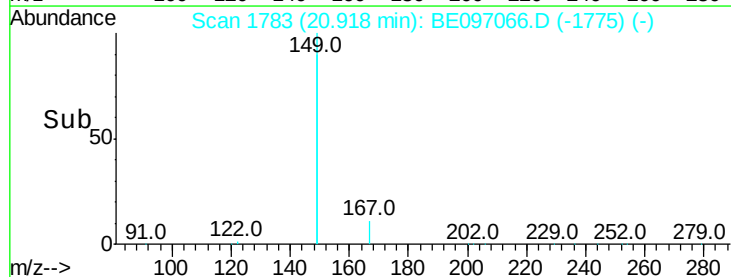
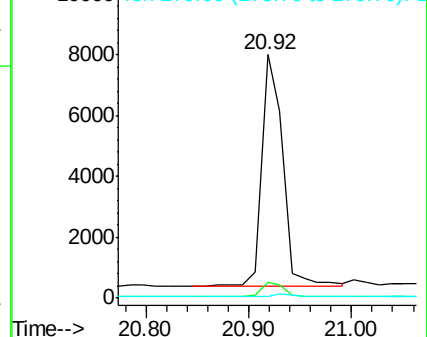
279 0.9 0.7 1.1

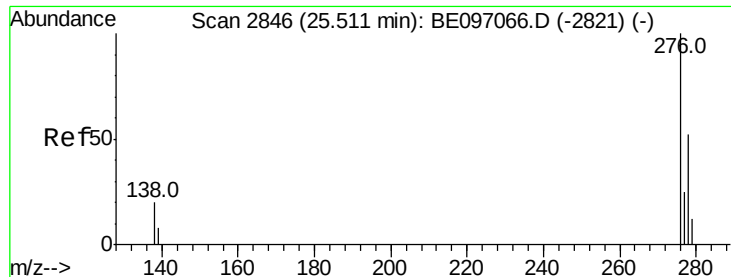


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.464 ng

RT: 25.51 min Scan# 2846

Delta R.T. 0.00 min

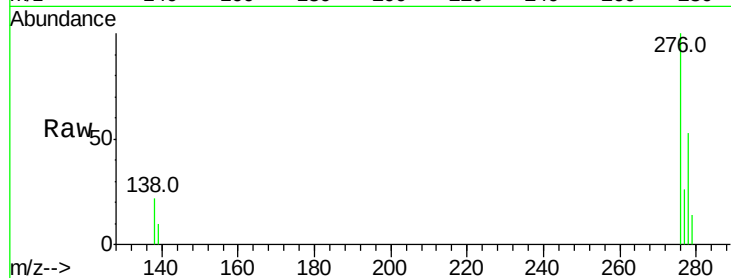
Lab File: BE097066.D

Acq: 24 Jul 2018 10:06

Instrument :

BNA_E

ClientSampleId :



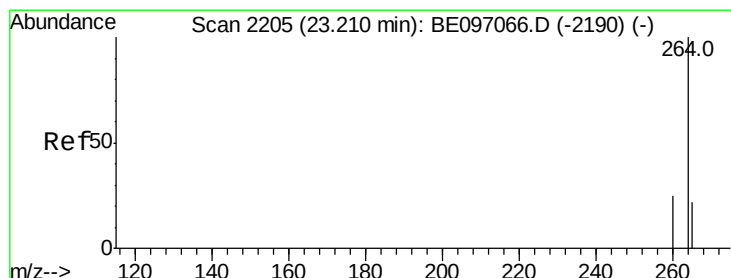
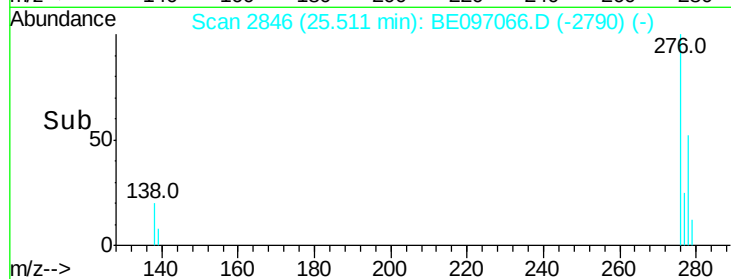
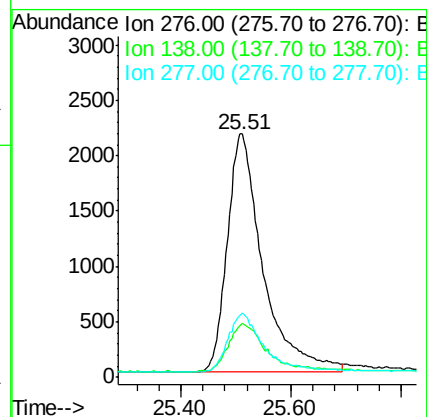
Tot Ion:276 Resp: 9685

Ion Ratio Lower Upper

276 100

138 20.2 22.5 33.7#

277 24.0 19.9 29.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BE097066.D

Acq: 24 Jul 2018 10:06

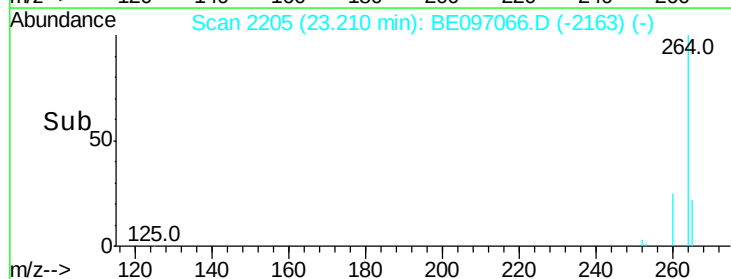
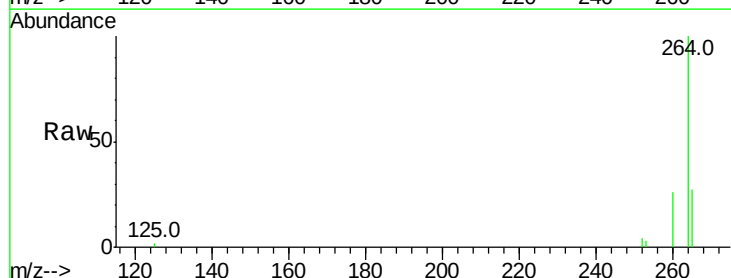
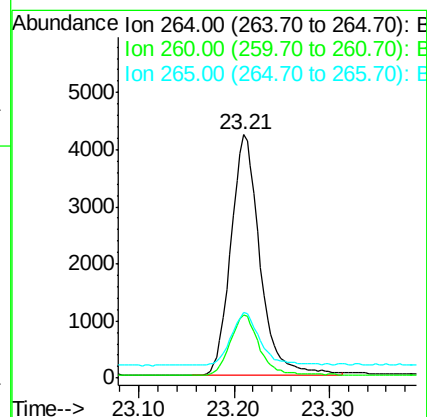
Tgt Ion:264 Resp: 8932

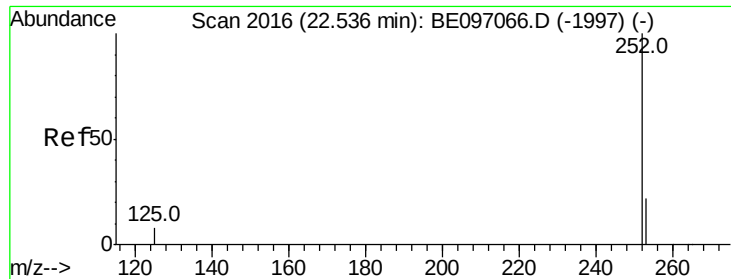
Ion Ratio Lower Upper

264 100

260 26.1 20.5 30.7

265 27.0 22.8 34.2

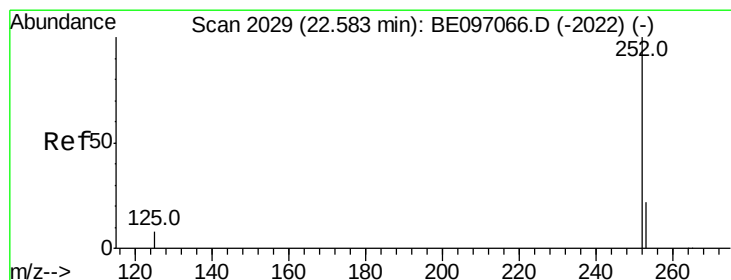
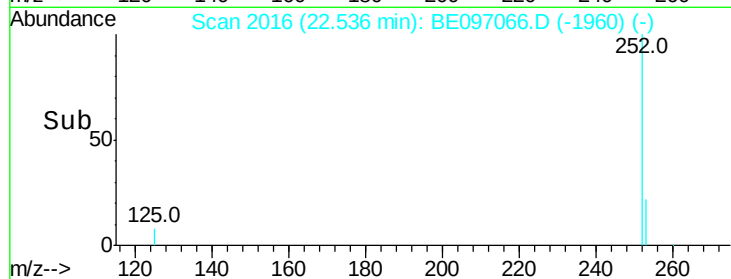
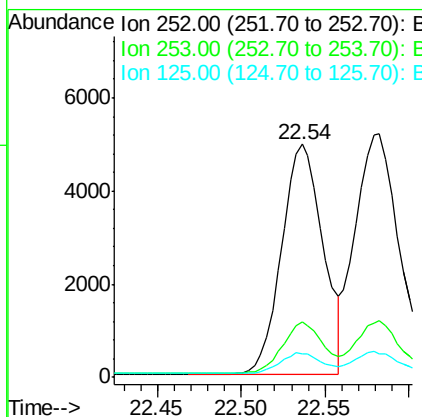
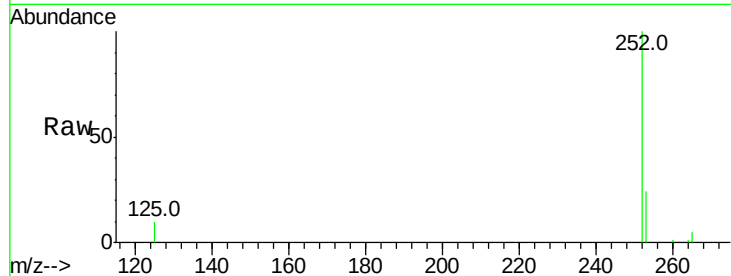




#35
Benzo(b)fluoranthene
Concen: 0.375 ng
RT: 22.54 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BE097066.D
Acq: 24 Jul 2018 10:06

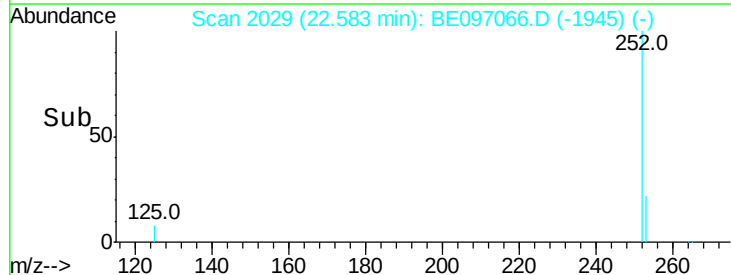
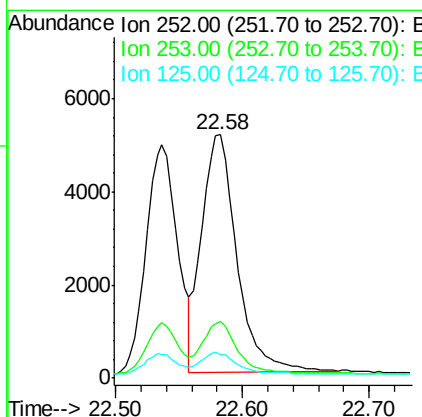
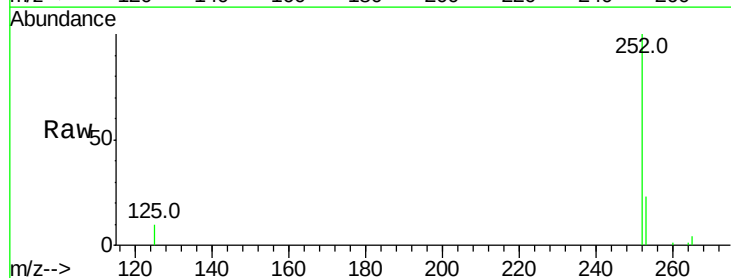
Instrument :
BNA_E
ClientSampleId :

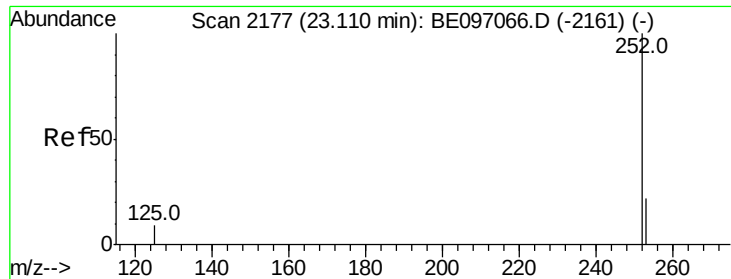
Tot Ion:252 Resp: 8543
Ion Ratio Lower Upper
252 100
253 23.5 20.0 30.0
125 10.0 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.361 ng
RT: 22.58 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BE097066.D
Acq: 24 Jul 2018 10:06

Tgt Ion:252 Resp: 9800
Ion Ratio Lower Upper
252 100
253 23.2 16.0 24.0
125 9.8 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.394 ng

RT: 23.11 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BE097066.D

Acq: 24 Jul 2018 10:06

Instrument :

BNA_E

ClientSampleId :

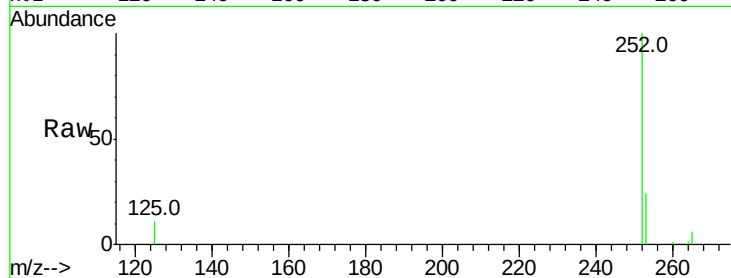
Tot Ion:252 Resp: 8030

Ion Ratio Lower Upper

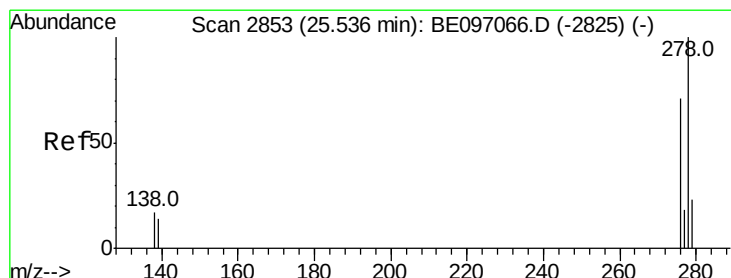
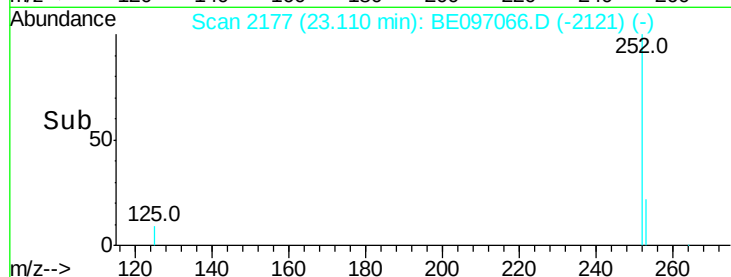
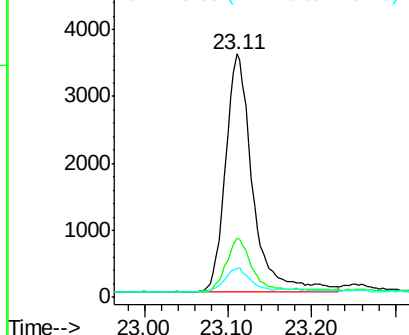
252 100

253 24.2 16.0 24.0#

125 11.5 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: 0.482 ng

RT: 25.54 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BE097066.D

Acq: 24 Jul 2018 10:06

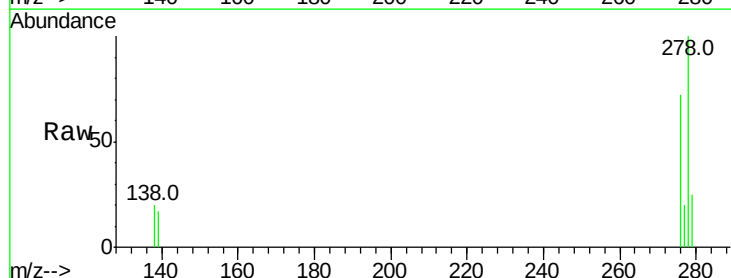
Tgt Ion:278 Resp: 8033

Ion Ratio Lower Upper

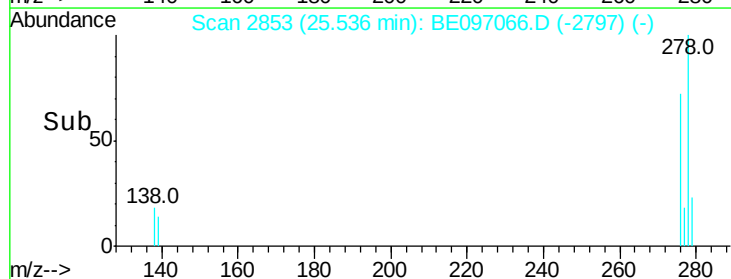
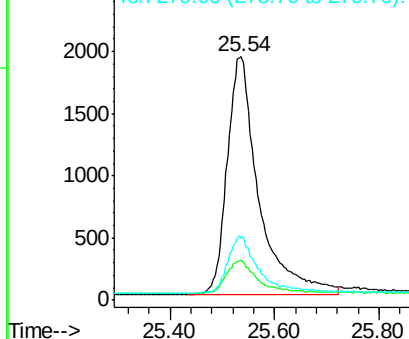
278 100

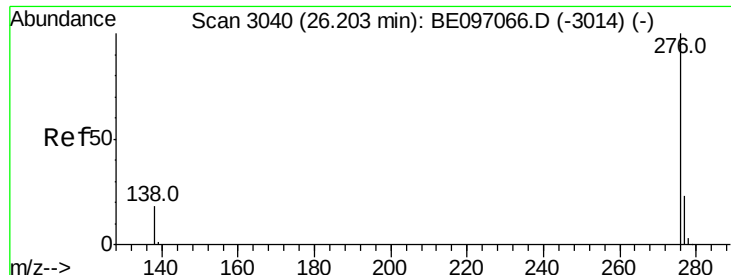
139 16.5 16.0 24.0

279 25.4 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: 0.462 ng

RT: 26.20 min Scan# 3040

Delta R.T. 0.00 min

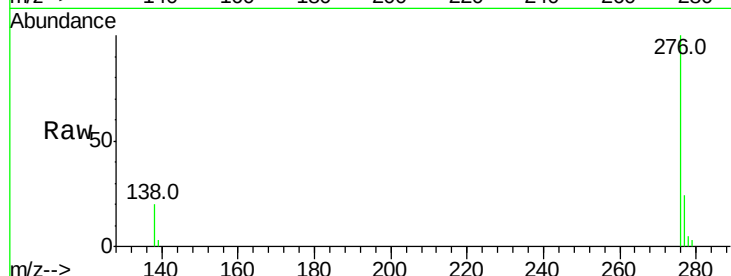
Lab File: BE097066.D

Acq: 24 Jul 2018 10:06

Instrument :

BNA_E

ClientSampleId :



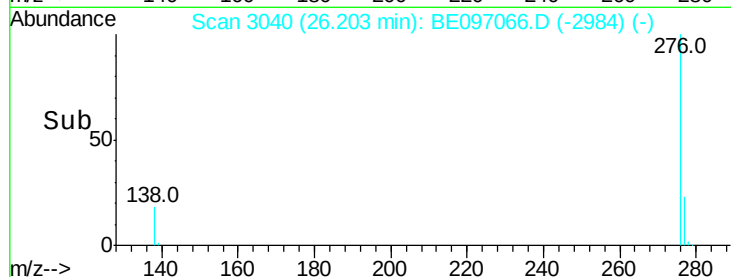
Tot Ion: 276 Resp: 8554

Ion Ratio Lower Upper

276 100

277 24.4 16.0 24.0#

138 20.0 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

