

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072618\
 Data File : BE097111.D
 Acq On : 26 Jul 2018 20:20
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc : MDL 0.1PPM
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jul 27 00:50:47 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	1070	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	5122	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3008	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	8215	0.40	ng	0.00
27) Chrysene-d12	20.98	240	6871	0.40	ng	0.00
34) Perylene-d12	23.21	264	5928	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1077	0.36	ng	0.00
5) Phenol-d6	6.60	99	1612	0.37	ng	0.00
8) Nitrobenzene-d5	8.52	82	1912	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3227	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	355	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	4870	0.47	ng	0.00
25) Fluoranthene-d10	18.81	212	32826	0.40	ng	0.00
29) Terphenyl-d14	19.43	244	5959	0.45	ng	0.00

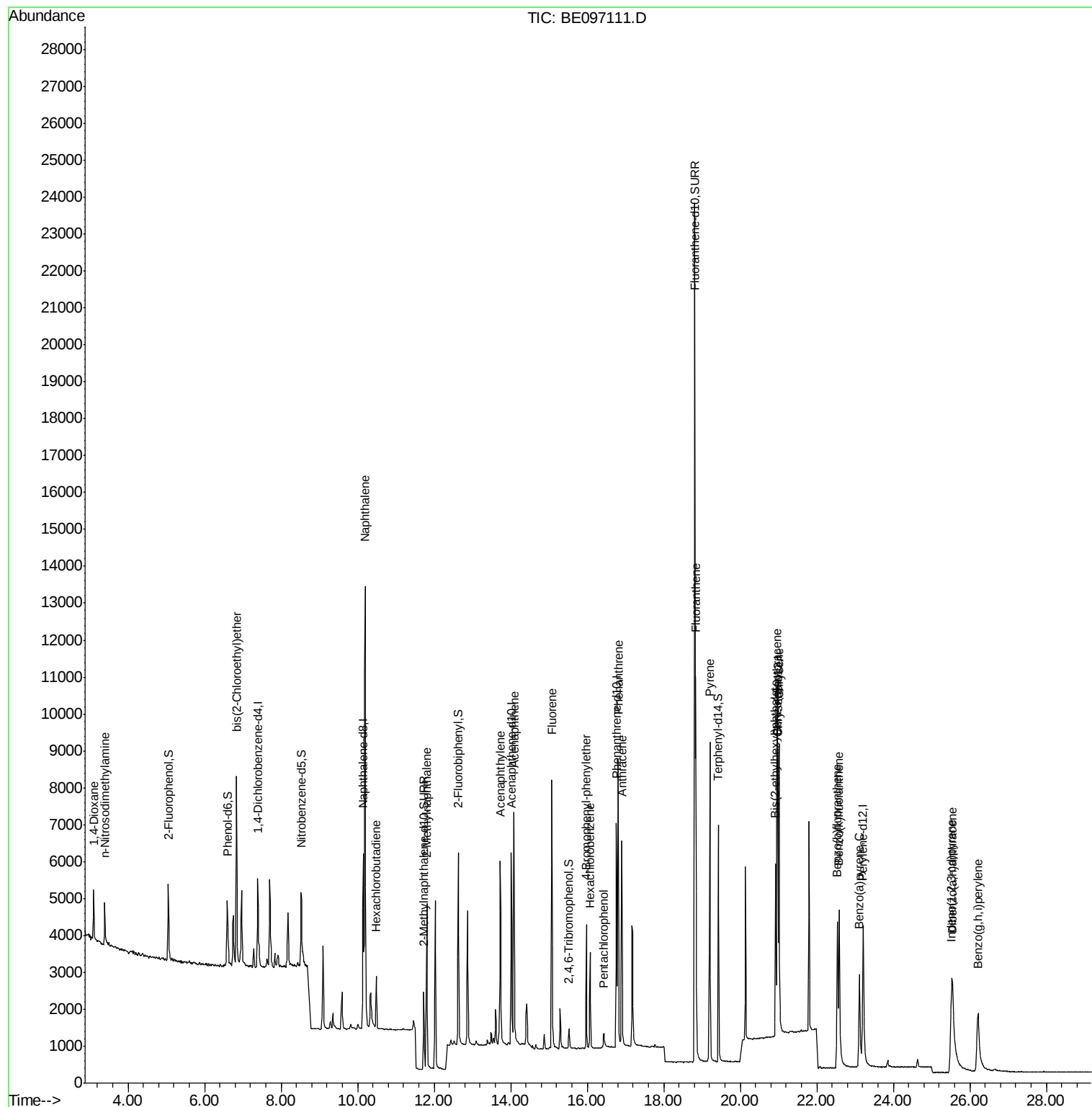
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	781	0.459	ng	# 86
3) n-Nitrosodimethylamine	3.38	42	798	0.420	ng	# 88
6) bis(2-Chloroethyl)ether	6.84	93	1749	0.434	ng	94
9) Naphthalene	10.20	128	20455	0.445	ng	100
10) Hexachlorobutadiene	10.48	225	960	0.466	ng	97
12) 2-Methylnaphthalene	11.80	142	3351	0.425	ng	99
16) Acenaphthylene	13.73	152	6032	0.447	ng	100
17) Acenaphthene	14.08	154	3552	0.453	ng	# 89
18) Fluorene	15.08	166	4691	0.452	ng	# 79
20) 4-Bromophenyl-phenylether	15.97	248	1724	0.432	ng	86
21) Hexachlorobenzene	16.08	284	2058	0.481	ng	# 83
22) Pentachlorophenol	16.44	266	313	0.327	ng	# 80
23) Phenanthrene	16.81	178	8658	0.442	ng	98
24) Anthracene	16.90	178	7097	0.405	ng	95
26) Fluoranthene	18.84	202	9189	0.418	ng	98
28) Pyrene	19.20	202	8382	0.445	ng	99
30) Benzo(a)anthracene	20.95	228	6677	0.391	ng	99
31) Chrysene	21.01	228	7889	0.430	ng	98
32) Bis(2-ethylhexyl)phthalate	20.92	149	5902	0.329	ng	98
33) Indeno(1,2,3-cd)pyrene	25.52	276	6236	0.376	ng	# 79
35) Benzo(b)fluoranthene	22.54	252	5346	0.355	ng	# 91
36) Benzo(k)fluoranthene	22.58	252	7785	0.443	ng	# 94
37) Benzo(a)pyrene	23.11	252	5073	0.359	ng	# 93
38) Dibenzo(a,h)anthracene	25.55	278	5051	0.357	ng	96
39) Benzo(g,h,i)perylene	26.21	276	5108	0.341	ng	# 92

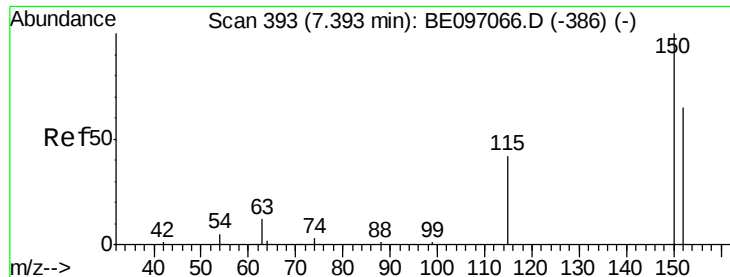
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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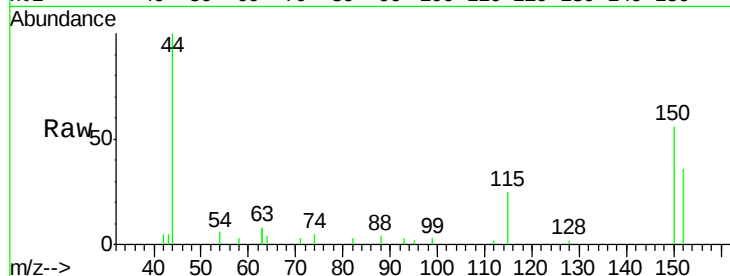


#1

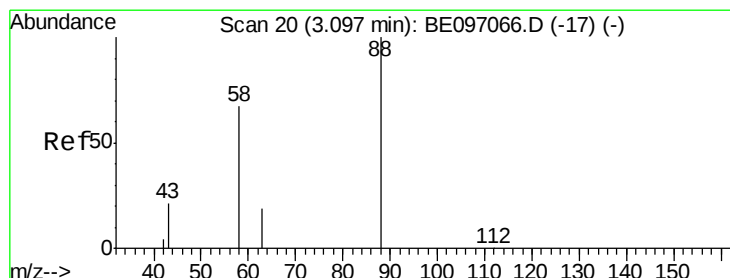
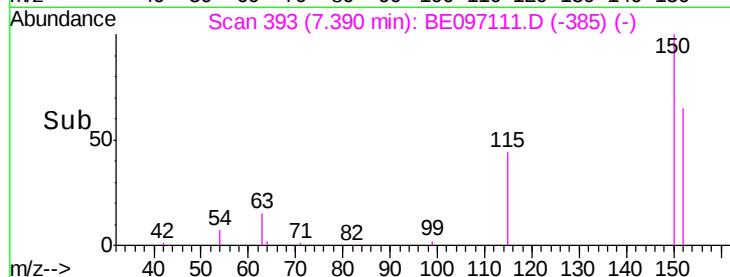
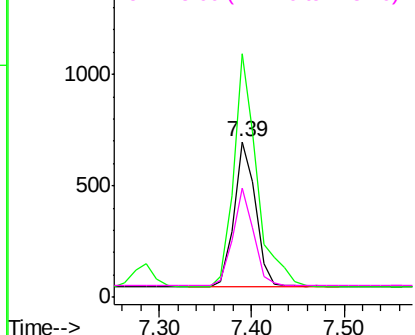
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097111.D
Acq: 26 Jul 2018 20:20

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1070
Ion Ratio Lower Upper
152 100
150 156.6 117.2 175.8
115 70.5 57.0 85.6



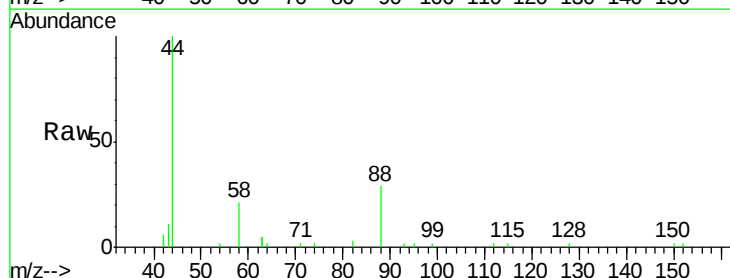
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



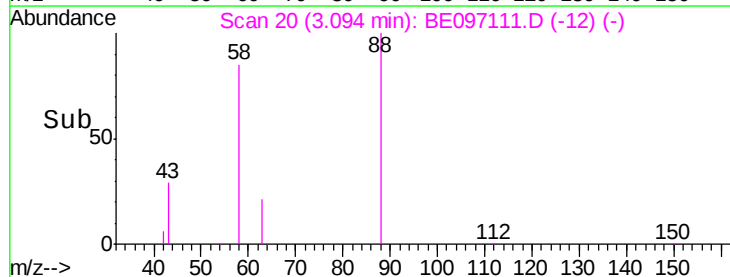
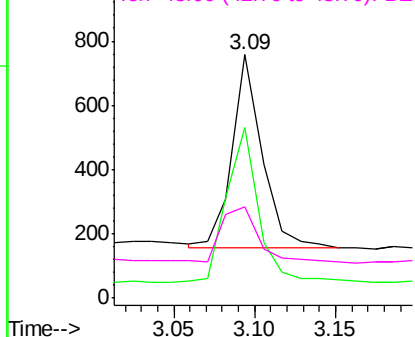
#2

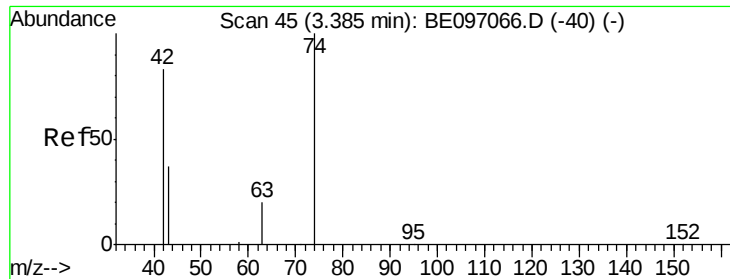
1,4-Dioxane
Concen: 0.459 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097111.D
Acq: 26 Jul 2018 20:20

Tgt Ion: 88 Resp: 781
Ion Ratio Lower Upper
88 100
58 84.6 63.2 94.8
43 34.3 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: 0.420 ng

RT: 3.38 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE097111.D

Acq: 26 Jul 2018 20:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

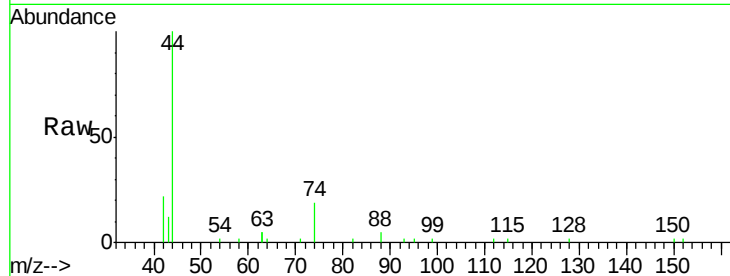
Tgt Ion: 42 Resp: 798

Ion Ratio Lower Upper

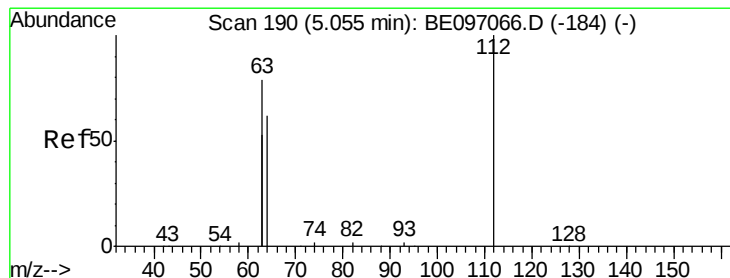
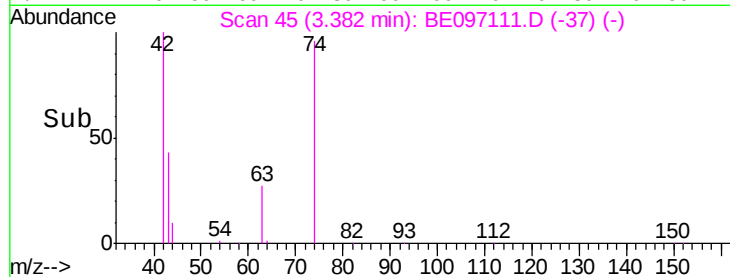
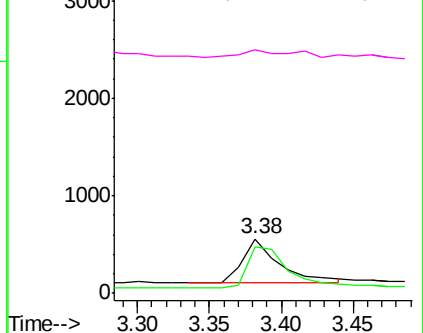
42 100

74 107.1 96.0 144.0

44 22.6 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: 0.358 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097111.D

Acq: 26 Jul 2018 20:20

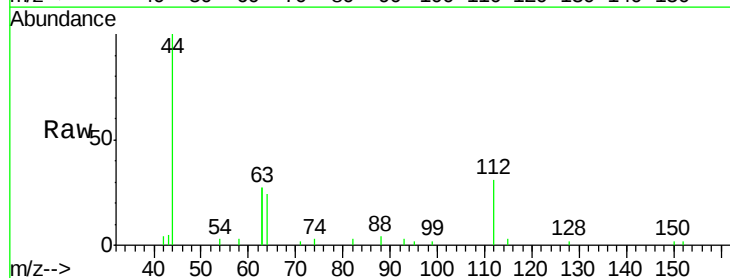
Tgt Ion: 112 Resp: 1077

Ion Ratio Lower Upper

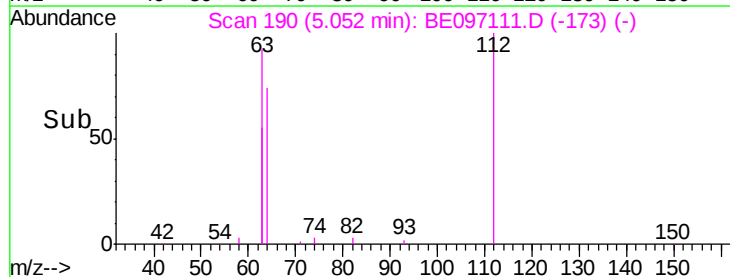
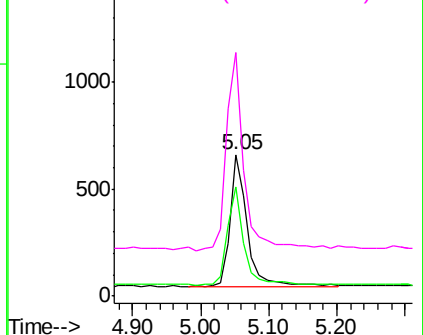
112 100

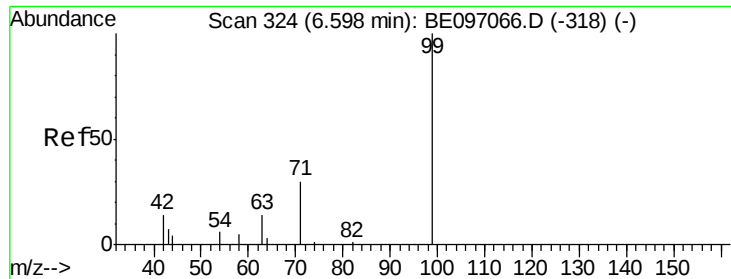
64 72.5 60.1 90.1

63 156.6 116.8 175.2



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: 0.365 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097111.D

Acq: 26 Jul 2018 20:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

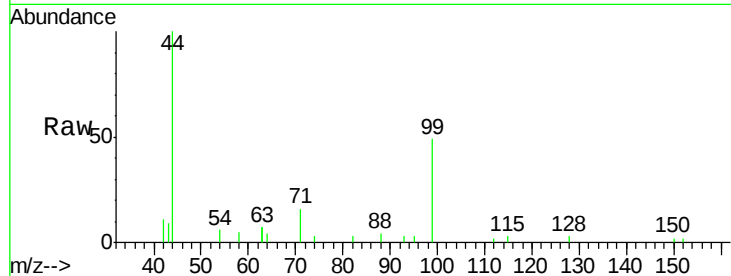
Tgt Ion: 99 Resp: 1612

Ion Ratio Lower Upper

99 100

42 26.5 20.2 30.2

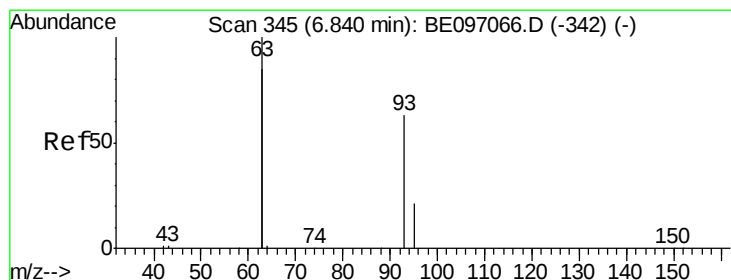
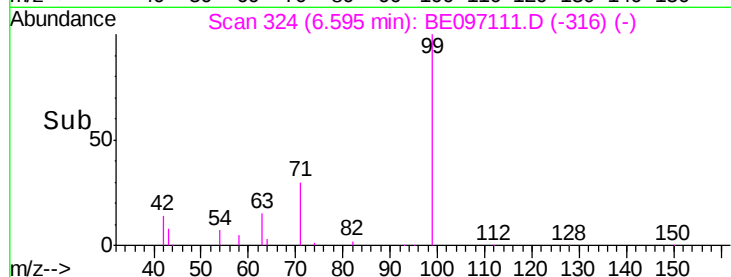
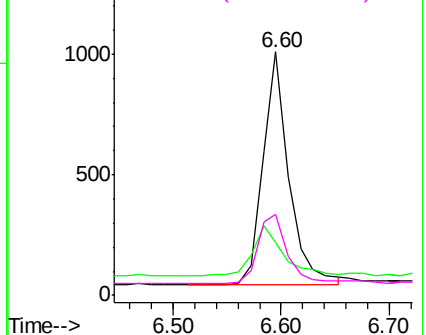
71 34.2 28.4 42.6



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: 0.434 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097111.D

Acq: 26 Jul 2018 20:20

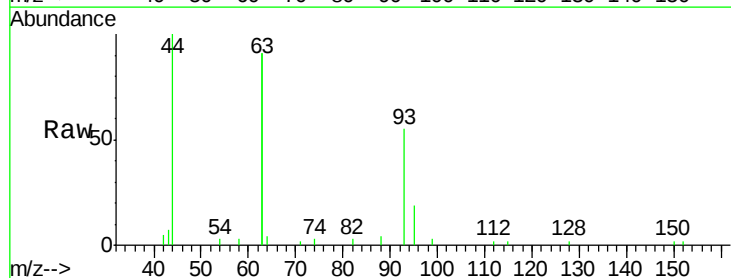
Tgt Ion: 93 Resp: 1749

Ion Ratio Lower Upper

93 100

63 329.2 275.3 412.9

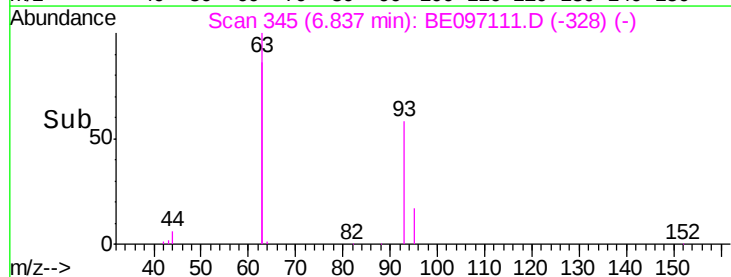
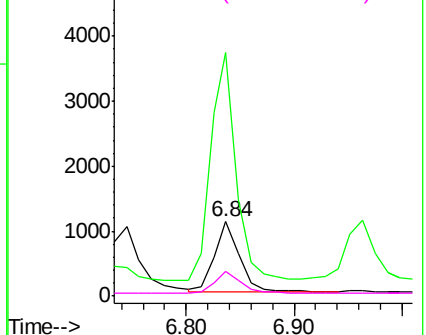
95 31.1 25.2 37.8

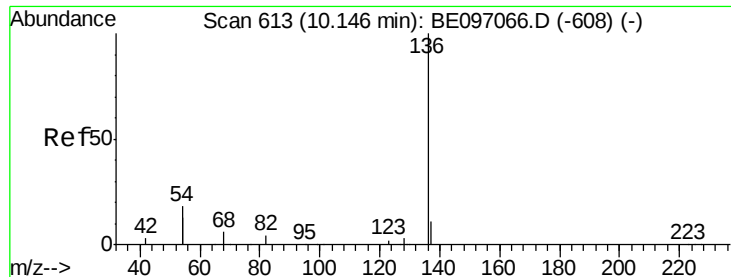


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.15 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097111.D

Acq: 26 Jul 2018 20:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 5122

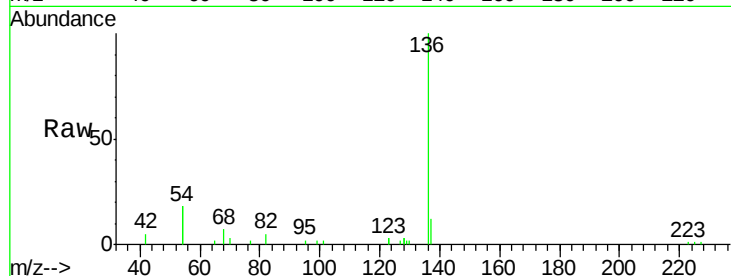
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 35.8 29.1 43.7

68 7.2 6.2 9.2

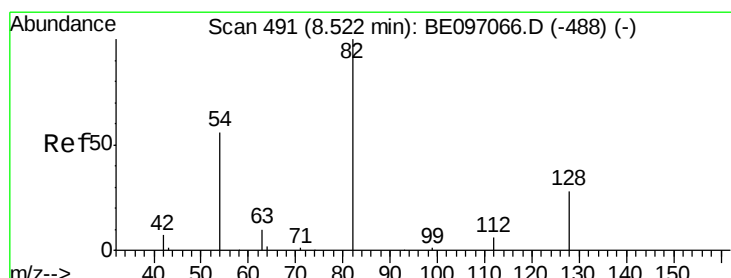
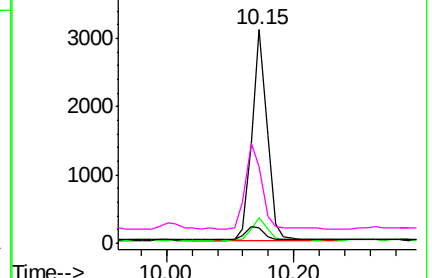
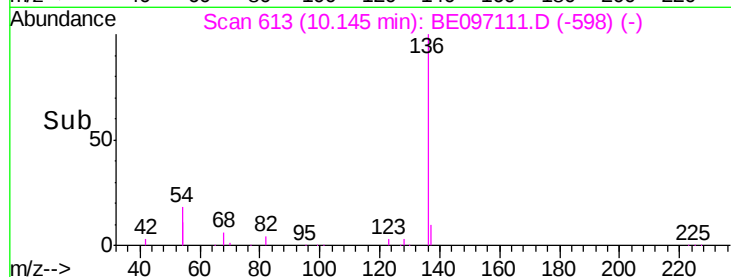


Abundance Ion 136.00 (135.70 to 136.70): BE097111.D (-598) (-)

Ion 137.00 (136.70 to 137.70): BE097111.D (-598) (-)

Ion 54.00 (53.70 to 54.70): BE097111.D (-598) (-)

Ion 68.00 (67.70 to 68.70): BE097111.D (-598) (-)



#8

Nitrobenzene-d5

Concen: 0.430 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097111.D

Acq: 26 Jul 2018 20:20

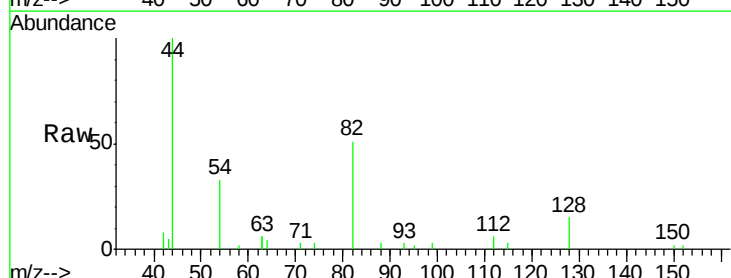
Tgt Ion: 82 Resp: 1912

Ion Ratio Lower Upper

82 100

128 28.5 24.0 36.0

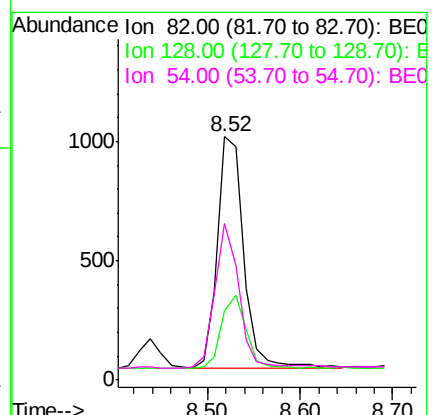
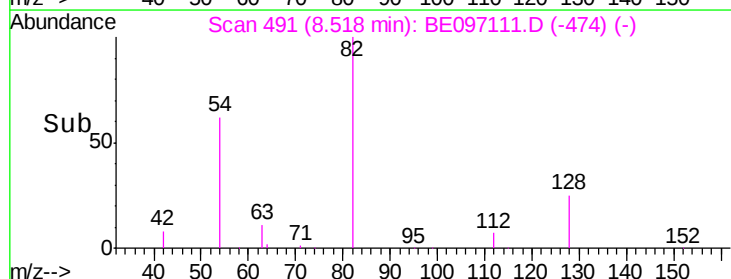
54 64.2 40.0 60.0#

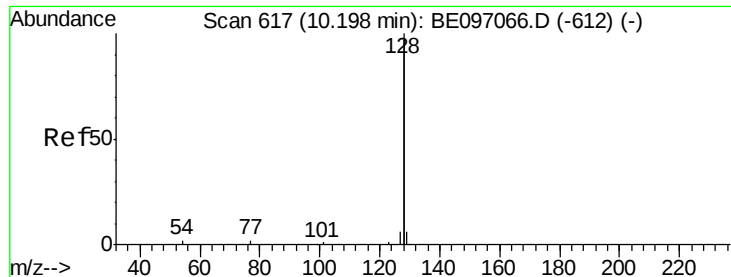


Abundance Ion 82.00 (81.70 to 82.70): BE097111.D (-474) (-)

Ion 128.00 (127.70 to 128.70): BE097111.D (-474) (-)

Ion 54.00 (53.70 to 54.70): BE097111.D (-474) (-)

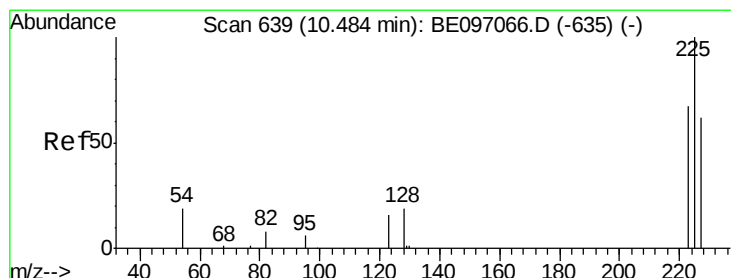
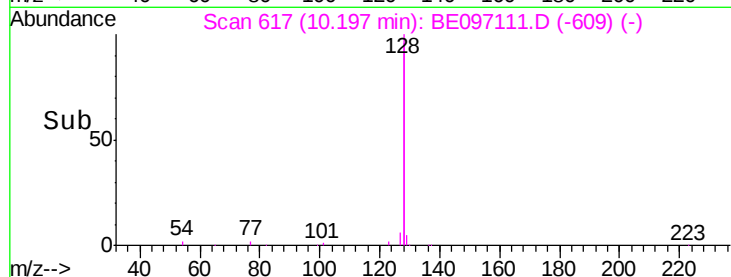
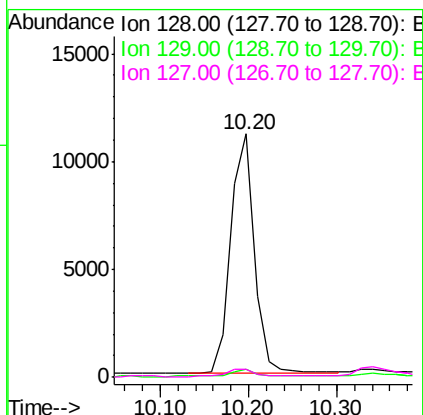
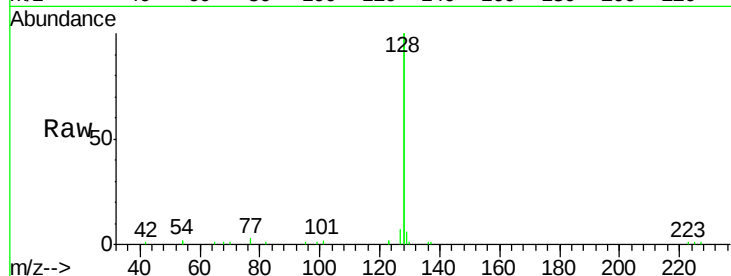




#9
Naphthalene
Concen: 0.445 ng
RT: 10.20 min Scan# 617
Delta R.T. -0.00 min
Lab File: BE097111.D
Acq: 26 Jul 2018 20:20

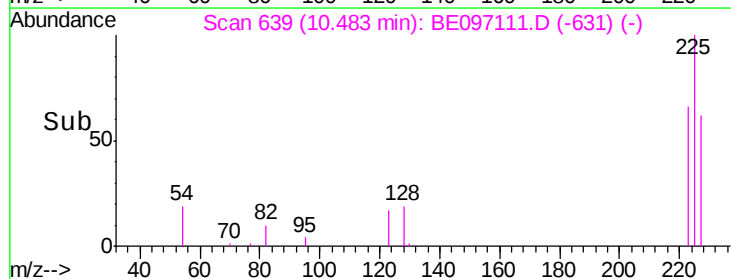
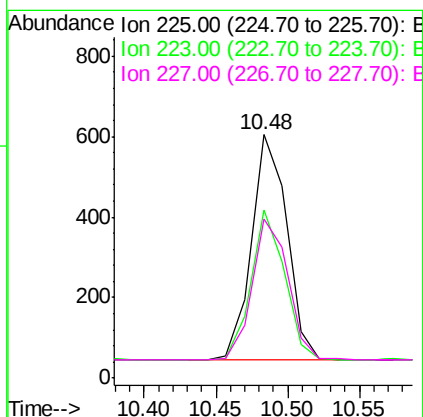
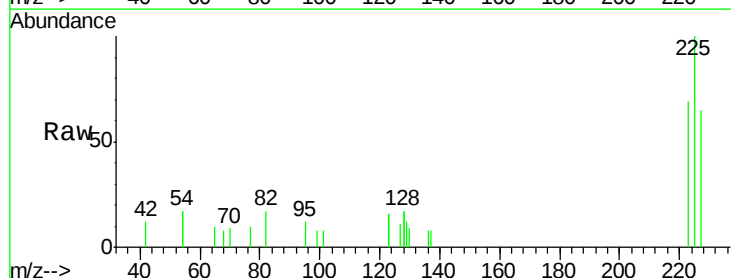
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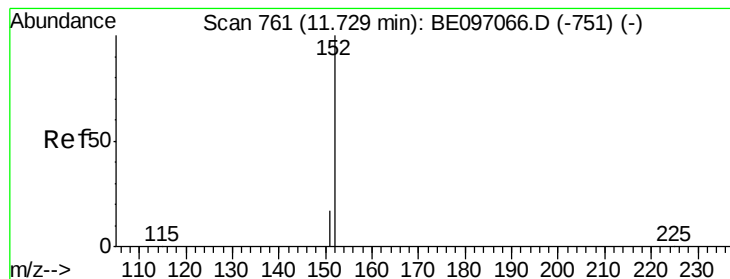
Tgt Ion:128 Resp: 20455
Ion Ratio Lower Upper
128 100
129 3.1 2.6 3.8
127 3.5 2.8 4.2



#10
Hexachlorobutadiene
Concen: 0.466 ng
RT: 10.48 min Scan# 639
Delta R.T. -0.00 min
Lab File: BE097111.D
Acq: 26 Jul 2018 20:20

Tgt Ion:225 Resp: 960
Ion Ratio Lower Upper
225 100
223 62.4 53.0 79.6
227 62.8 51.4 77.2





#11

2-Methylnaphthalene-d10

Concen: 0.421 ng

RT: 11.73 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE097111.D

Acq: 26 Jul 2018 20:20

Instrument :

BNA_E

ClientSampleId :

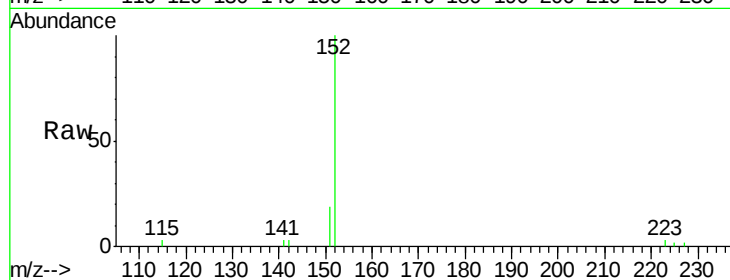
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3227

Ion Ratio Lower Upper

152 100

151 18.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.73

2000

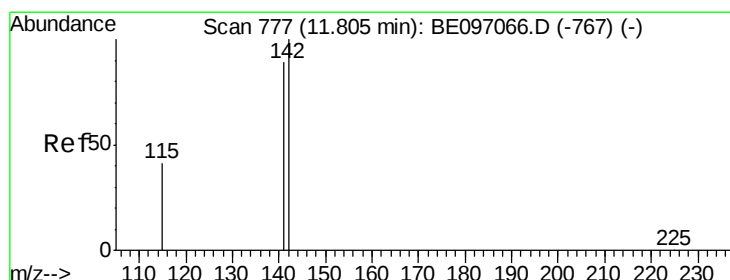
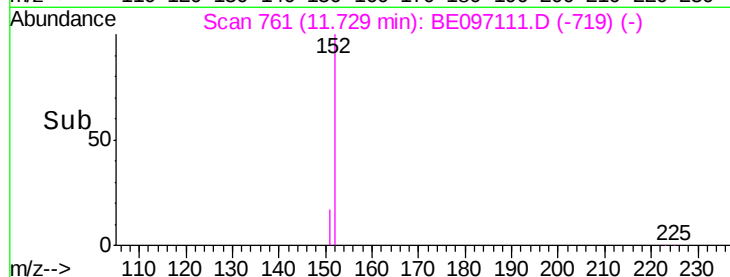
1500

1000

500

0

Time--> 11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.425 ng

RT: 11.80 min Scan# 777

Delta R.T. -0.00 min

Lab File: BE097111.D

Acq: 26 Jul 2018 20:20

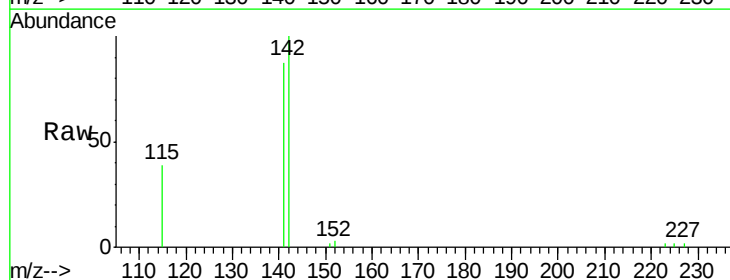
Tgt Ion:142 Resp: 3351

Ion Ratio Lower Upper

142 100

141 87.5 70.4 105.6

115 39.3 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

2500

2000

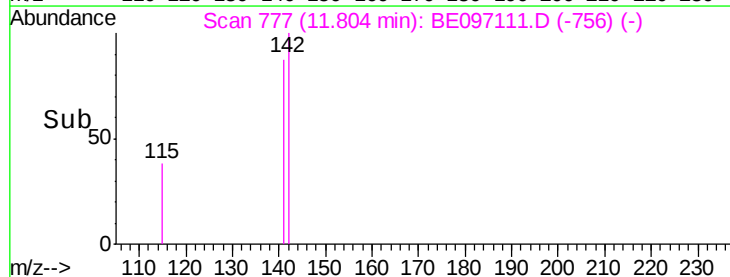
1500

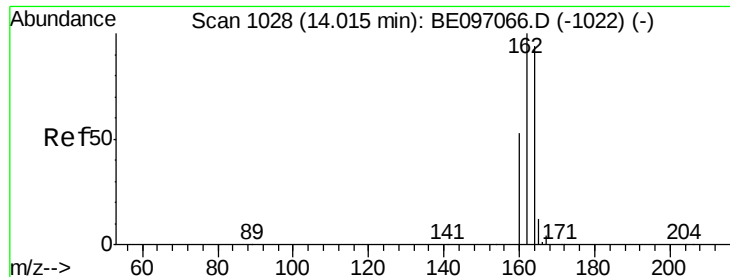
1000

500

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: BE097111.D

Acq: 26 Jul 2018 20:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

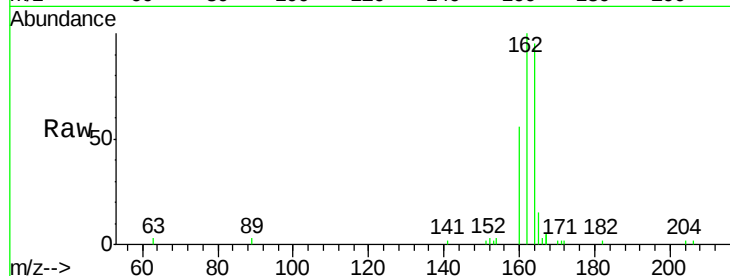
Tgt Ion:164 Resp: 3008

Ion Ratio Lower Upper

164 100

162 105.3 83.1 124.7

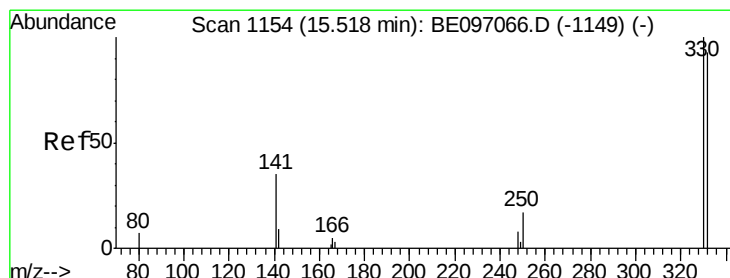
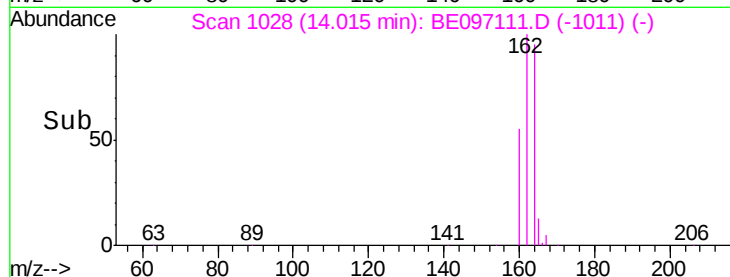
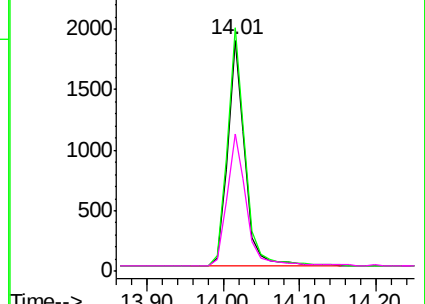
160 59.2 37.1 55.7#



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: 0.359 ng

RT: 15.52 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE097111.D

Acq: 26 Jul 2018 20:20

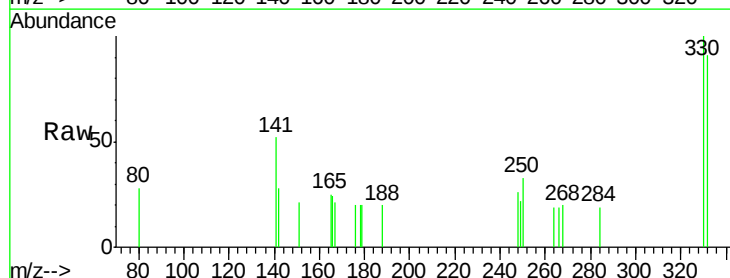
Tgt Ion:330 Resp: 355

Ion Ratio Lower Upper

330 100

332 92.4 152.7 229.1#

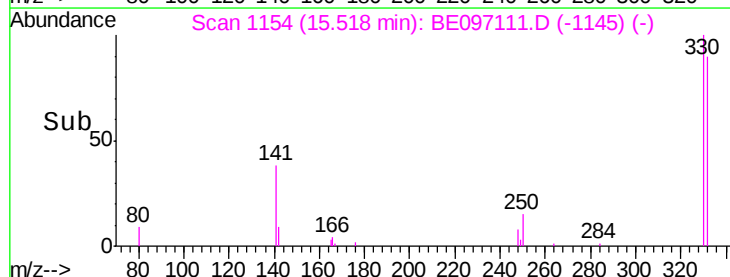
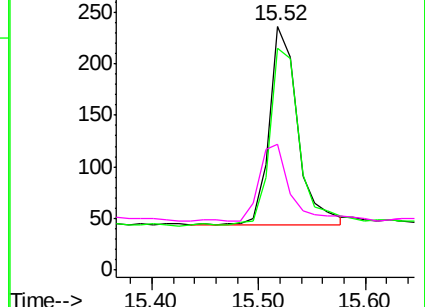
141 43.1 33.7 50.5

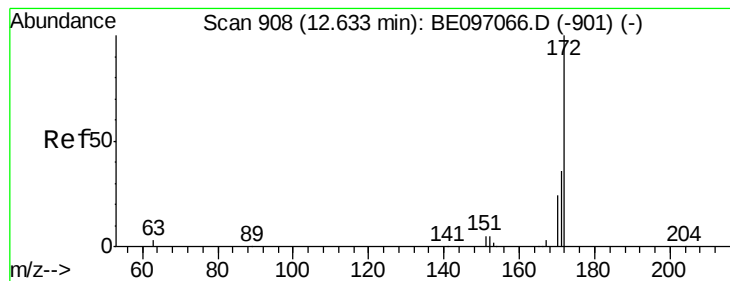


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.469 ng

RT: 12.63 min Scan# 908

Delta R.T. 0.00 min

Lab File: BE097111.D

Acq: 26 Jul 2018 20:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

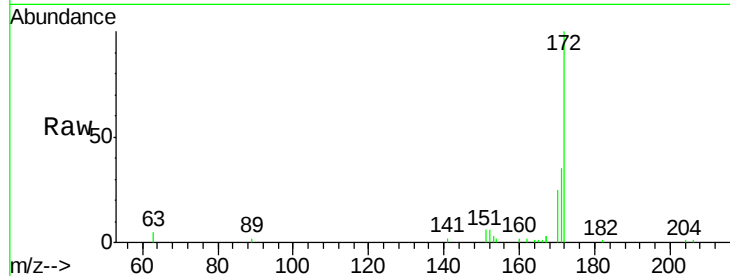
Tgt Ion:172 Resp: 4870

Ion Ratio Lower Upper

172 100

171 34.8 29.9 44.9

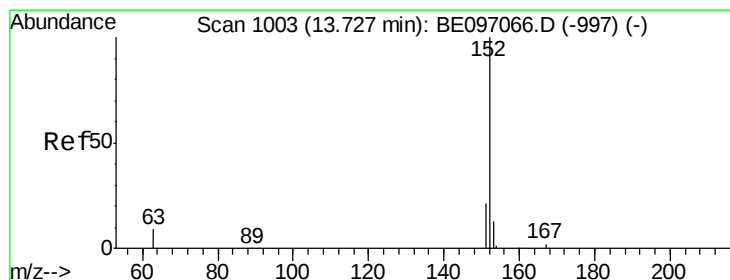
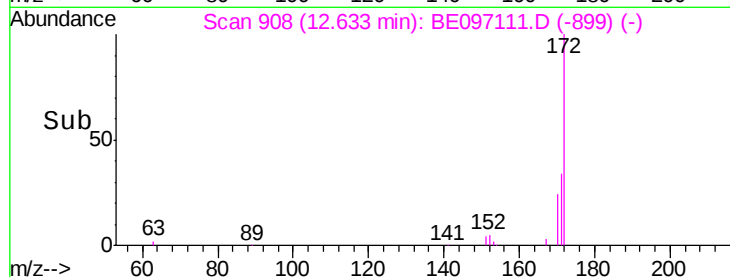
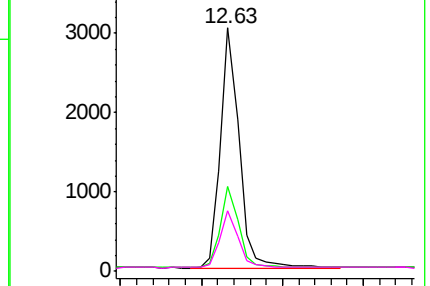
170 25.0 21.8 32.8



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: 0.447 ng

RT: 13.73 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BE097111.D

Acq: 26 Jul 2018 20:20

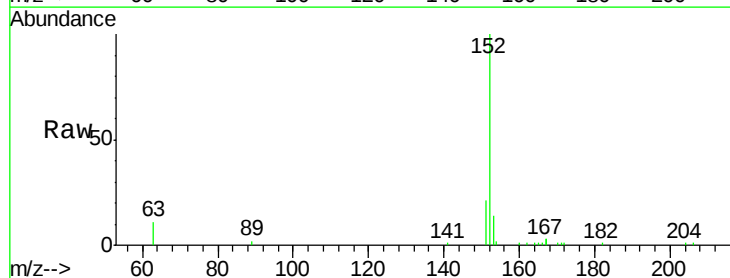
Tgt Ion:152 Resp: 6032

Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

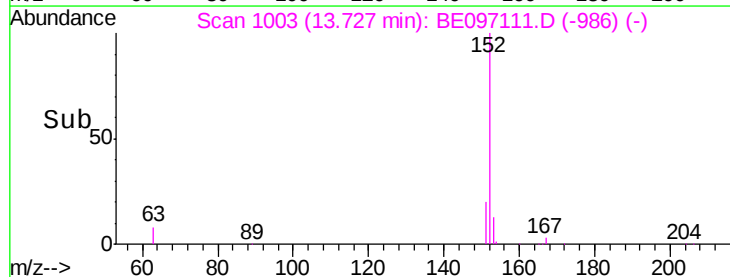
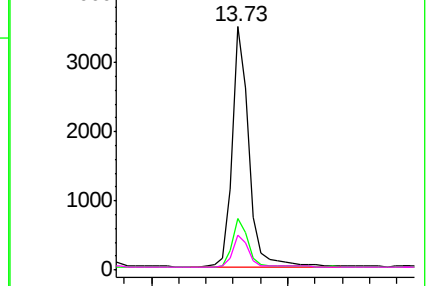
153 12.8 10.5 15.7

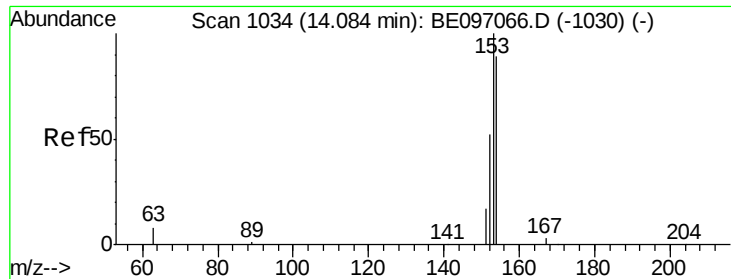


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.453 ng

RT: 14.08 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BE097111.D

Acq: 26 Jul 2018 20:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

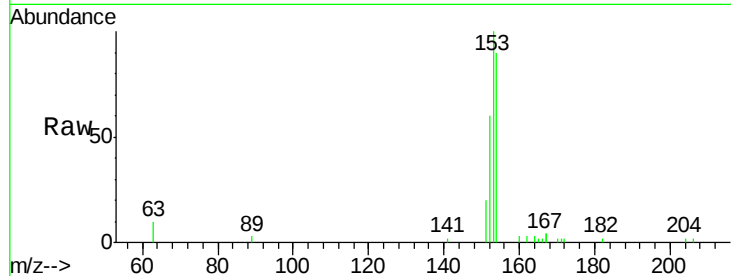
Tgt Ion:154 Resp: 3552

Ion Ratio Lower Upper

154 100

153 115.5 89.2 133.8

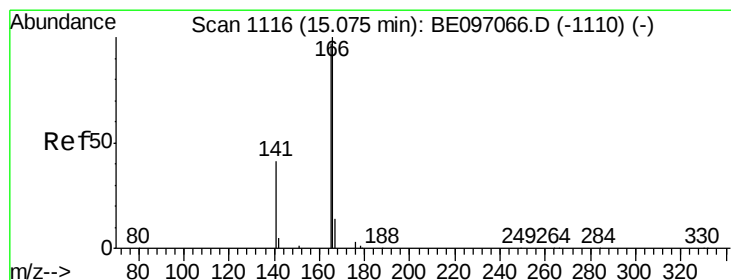
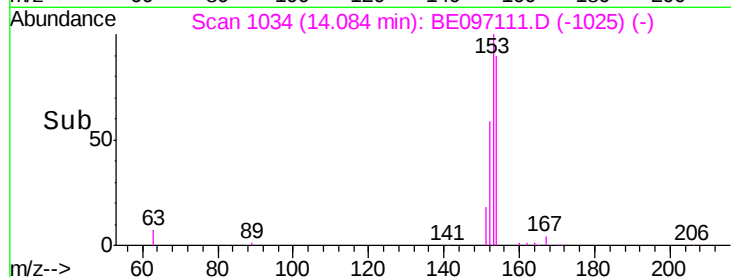
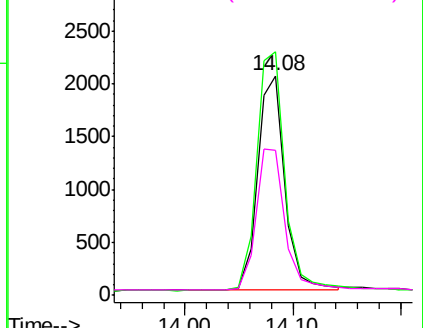
152 70.2 42.0 63.0#



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: 0.452 ng

RT: 15.08 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE097111.D

Acq: 26 Jul 2018 20:20

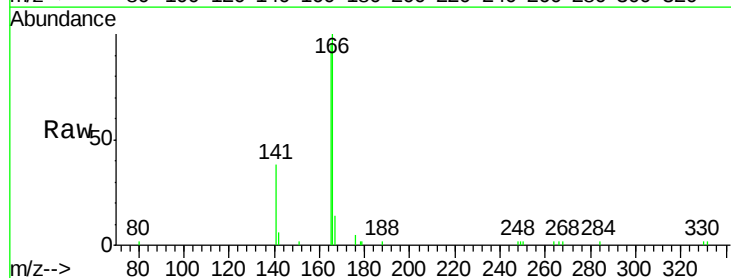
Tgt Ion:166 Resp: 4691

Ion Ratio Lower Upper

166 100

165 98.9 77.8 116.6

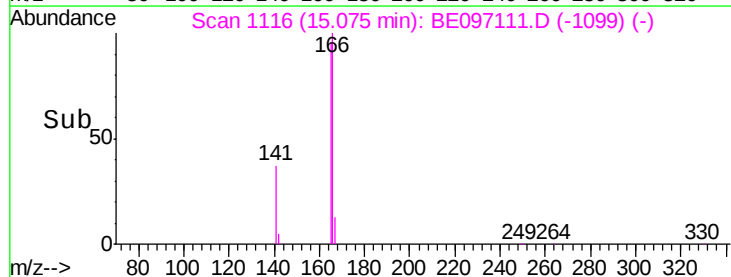
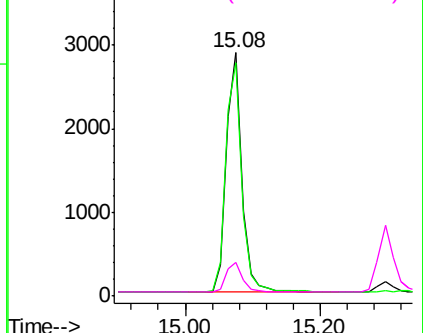
167 13.2 42.4 63.6#

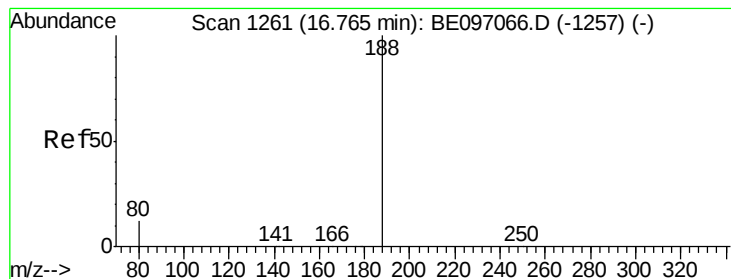


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.77 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BE097111.D

Acq: 26 Jul 2018 20:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

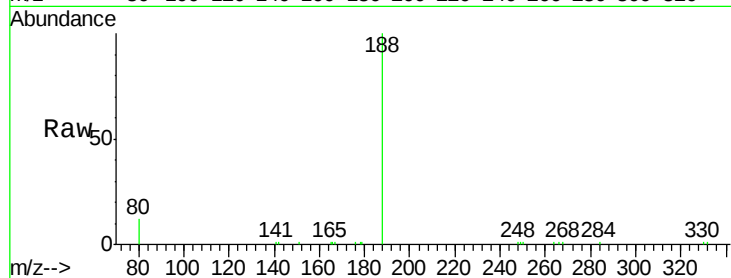
Tgt Ion:188 Resp: 8215

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

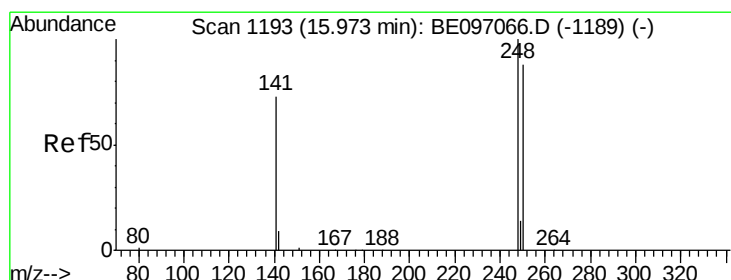
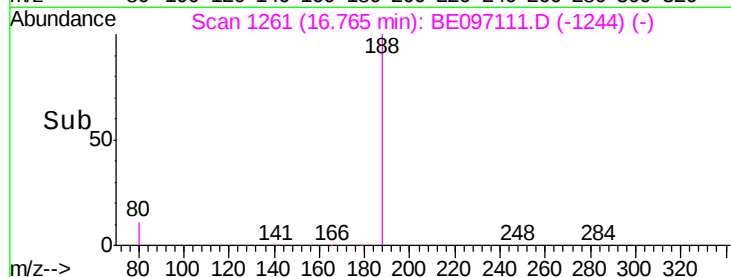
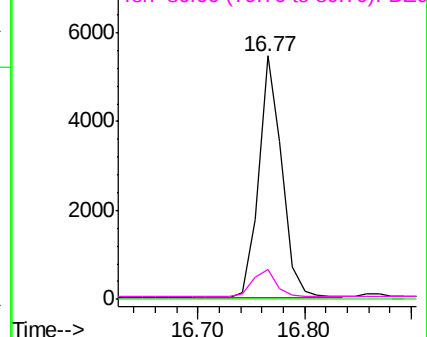
80 12.1 3.6 5.4#



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: 0.432 ng

RT: 15.97 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BE097111.D

Acq: 26 Jul 2018 20:20

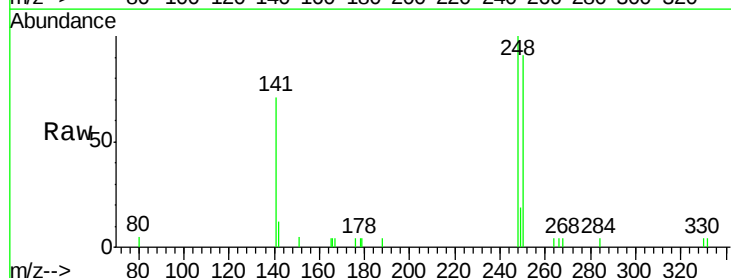
Tgt Ion:248 Resp: 1724

Ion Ratio Lower Upper

248 100

250 90.5 62.7 94.1

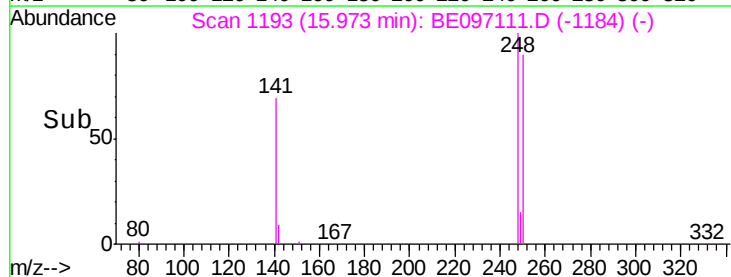
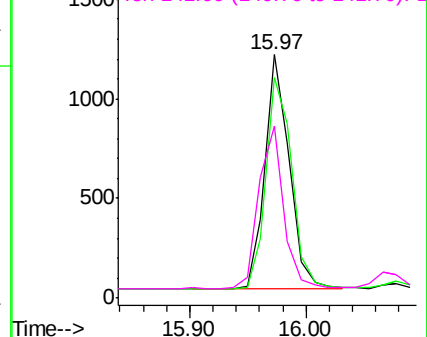
141 70.6 48.2 72.2

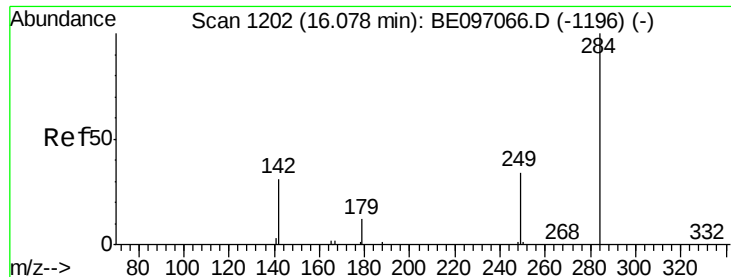


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

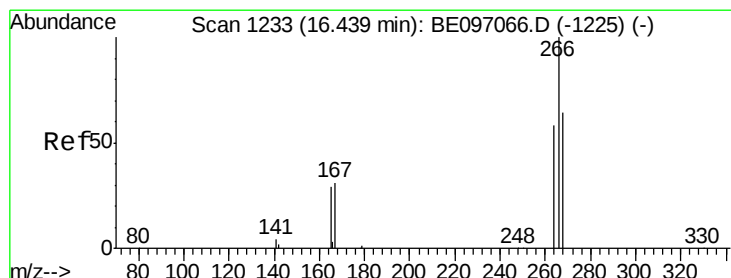
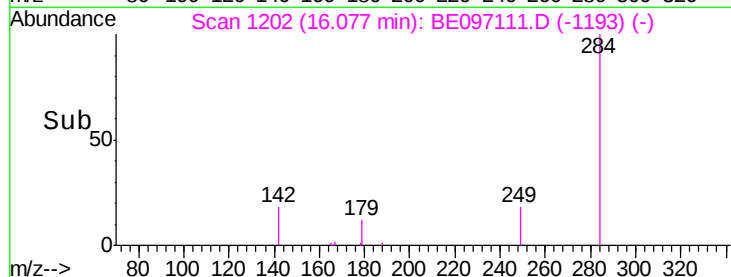
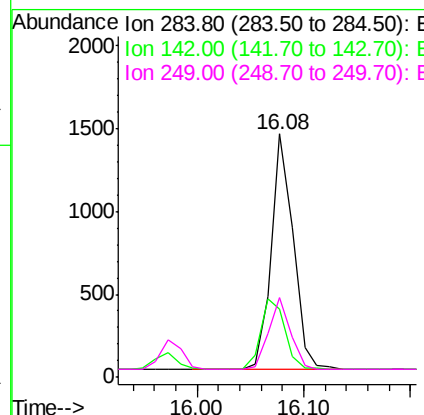
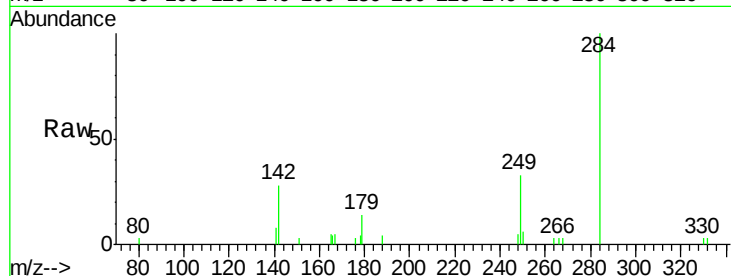




#21
Hexachlorobenzene
Concen: 0.481 ng
RT: 16.08 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BE097111.D
Acq: 26 Jul 2018 20:20

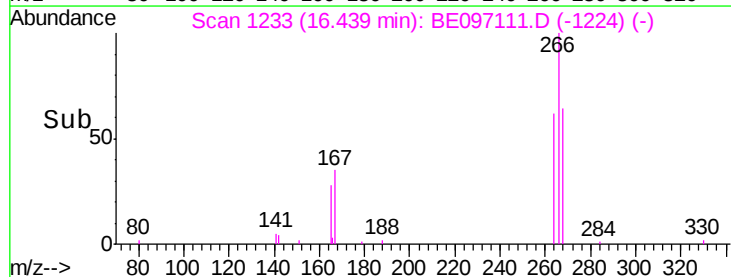
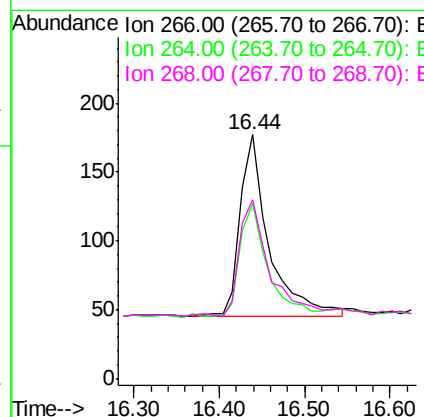
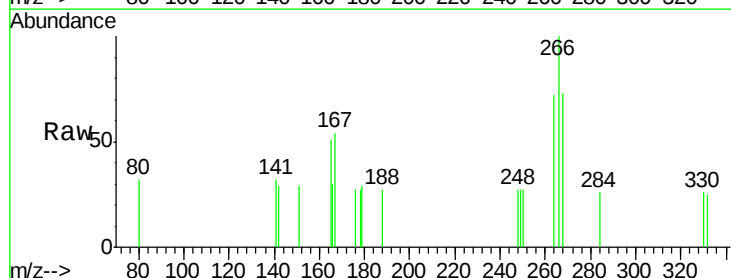
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

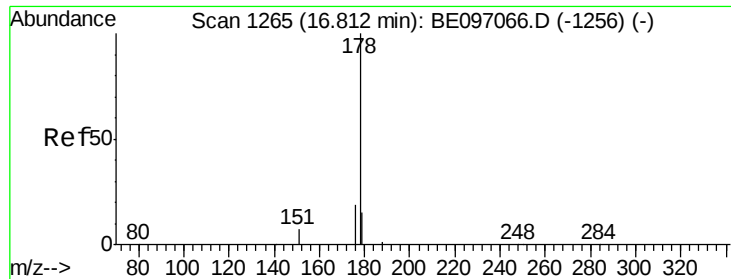
Tgt Ion: 284 Resp: 2058
Ion Ratio Lower Upper
284 100
142 33.0 22.1 33.1
249 30.2 34.8 52.2#



#22
Pentachlorophenol
Concen: 0.327 ng
RT: 16.44 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE097111.D
Acq: 26 Jul 2018 20:20

Tgt Ion: 266 Resp: 313
Ion Ratio Lower Upper
266 100
264 71.8 72.5 108.7#
268 73.4 73.8 110.6#





#23

Phenanthrene

Concen: 0.442 ng

RT: 16.81 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE097111.D

Acq: 26 Jul 2018 20:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

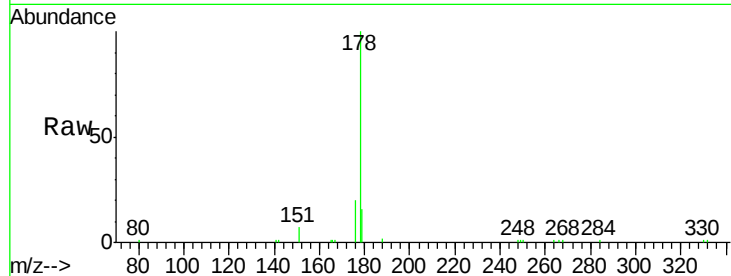
Tgt Ion:178 Resp: 8658

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

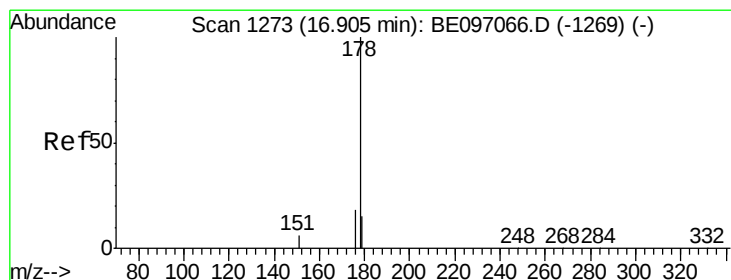
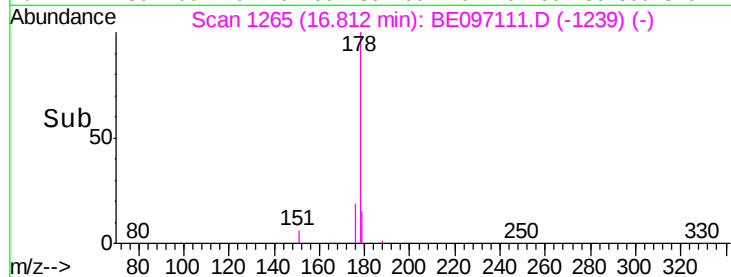
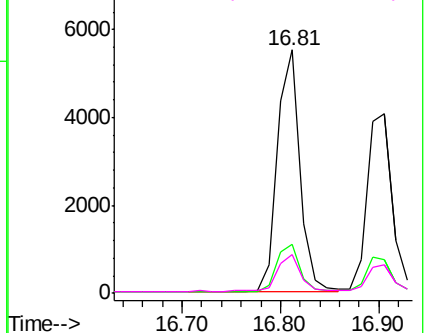
179 15.4 11.8 17.6



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: 0.405 ng

RT: 16.90 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BE097111.D

Acq: 26 Jul 2018 20:20

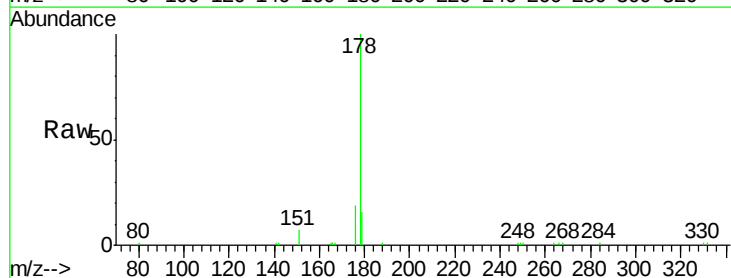
Tgt Ion:178 Resp: 7097

Ion Ratio Lower Upper

178 100

176 18.7 12.8 19.2

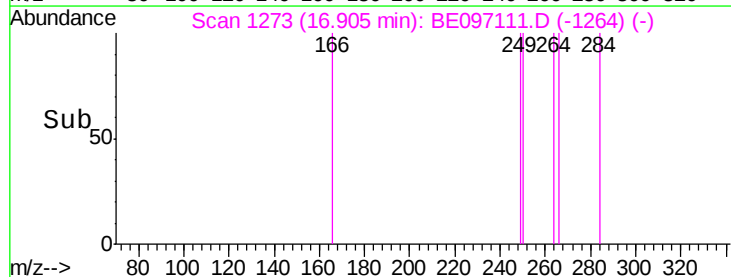
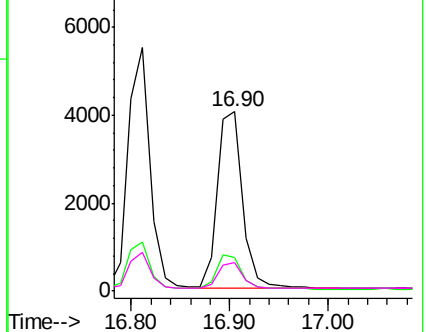
179 15.0 13.0 19.6

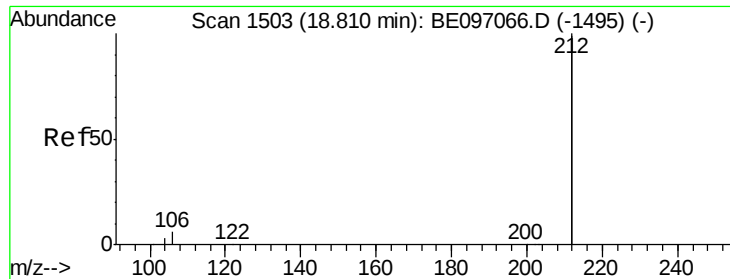


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.399 ng

RT: 18.81 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BE097111.D

Acq: 26 Jul 2018 20:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

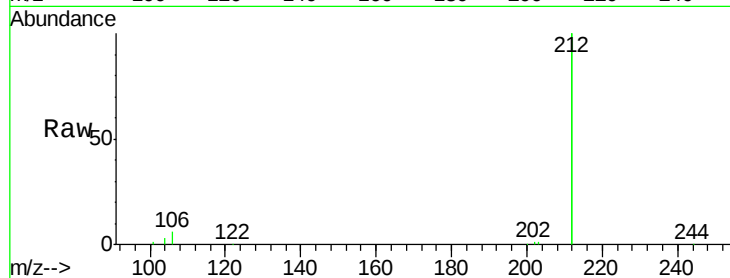
Tgt Ion:212 Resp: 32826

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

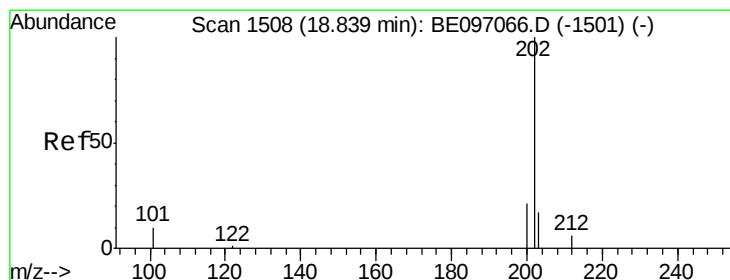
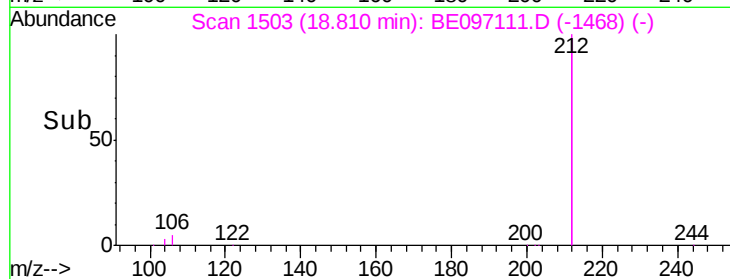
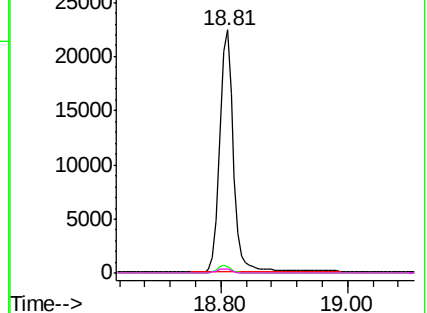
104 1.7 1.6 2.4



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: 0.418 ng

RT: 18.84 min Scan# 1508

Delta R.T. -0.00 min

Lab File: BE097111.D

Acq: 26 Jul 2018 20:20

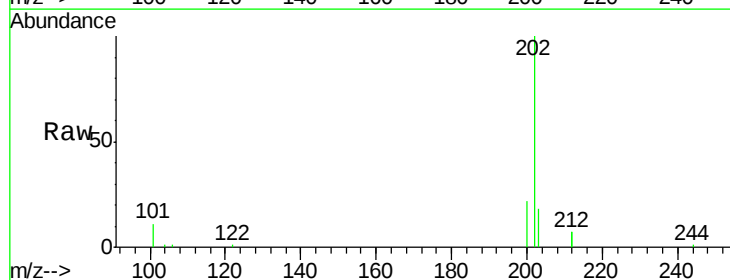
Tgt Ion:202 Resp: 9189

Ion Ratio Lower Upper

202 100

101 10.9 9.8 14.8

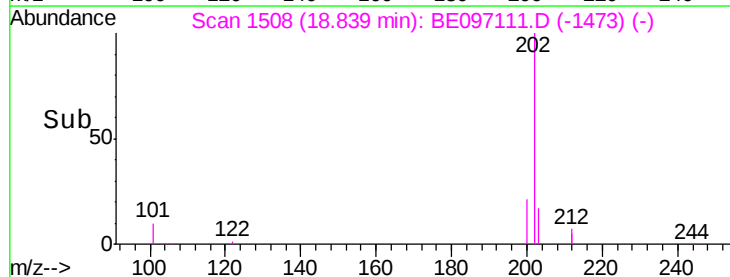
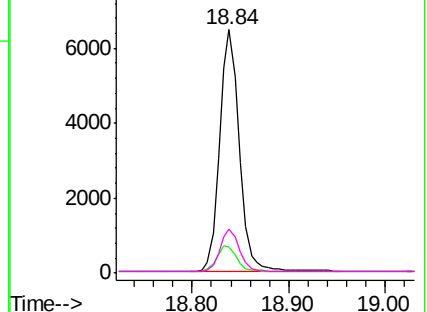
203 17.0 13.7 20.5

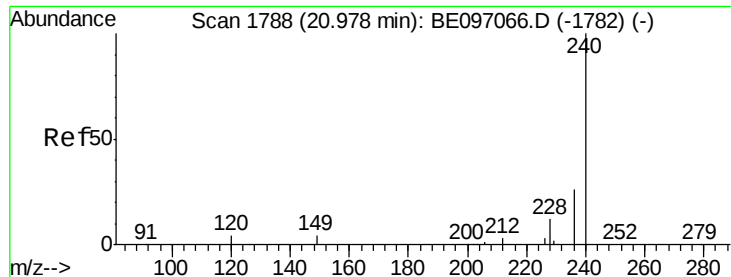


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

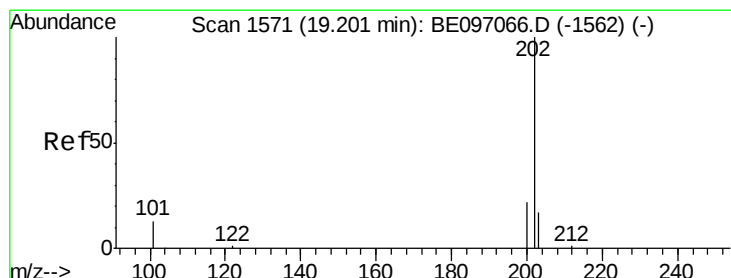
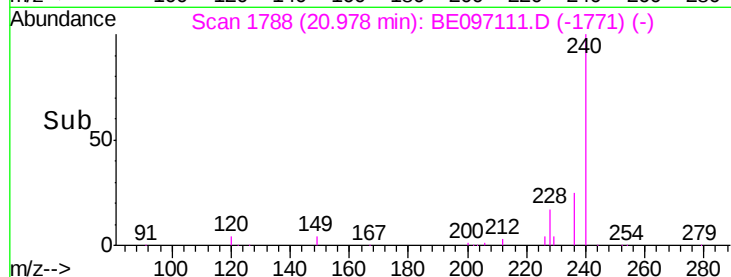
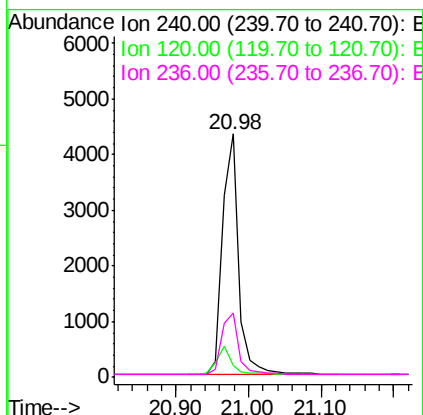
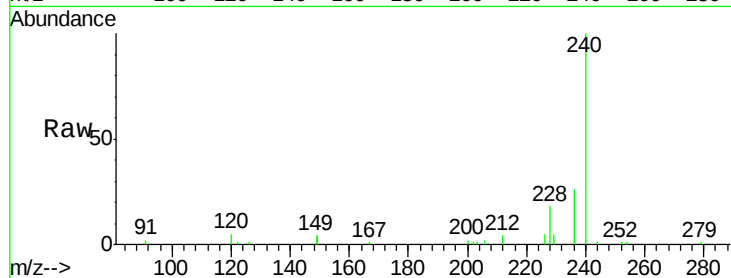




#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BE097111.D
Acq: 26 Jul 2018 20:20

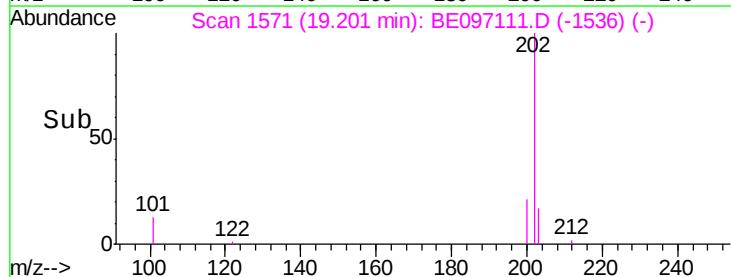
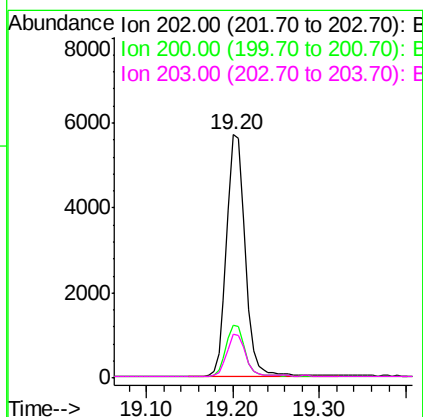
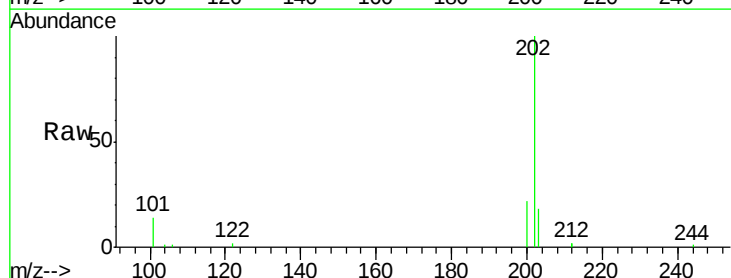
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

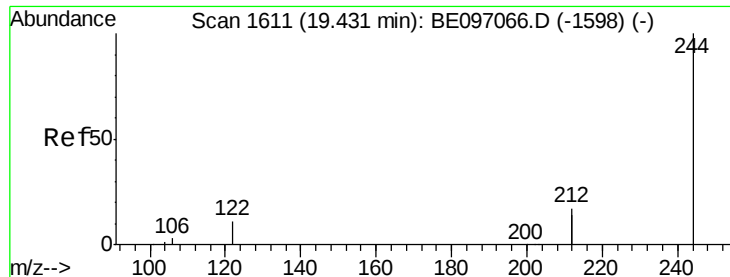
Tgt Ion:240 Resp: 6871
Ion Ratio Lower Upper
240 100
120 5.0 5.5 8.3#
236 26.3 20.7 31.1



#28
Pyrene
Concen: 0.445 ng
RT: 19.20 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BE097111.D
Acq: 26 Jul 2018 20:20

Tgt Ion:202 Resp: 8382
Ion Ratio Lower Upper
202 100
200 21.3 16.6 25.0
203 17.5 13.8 20.8

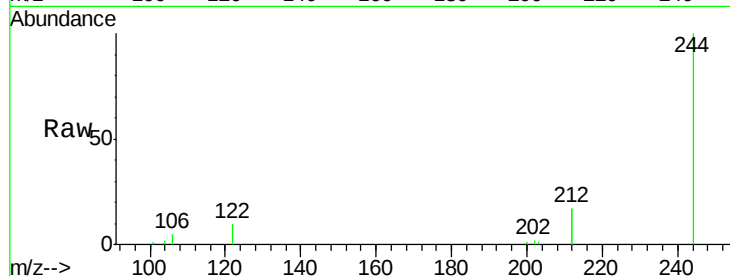




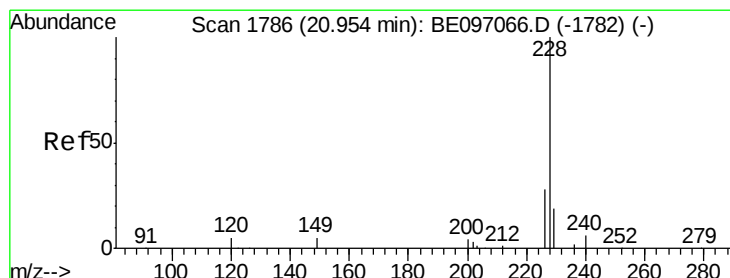
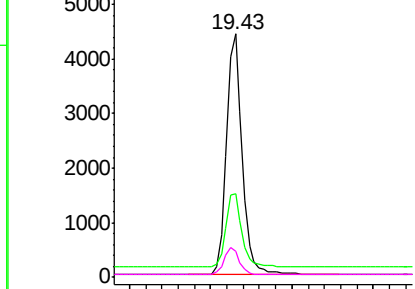
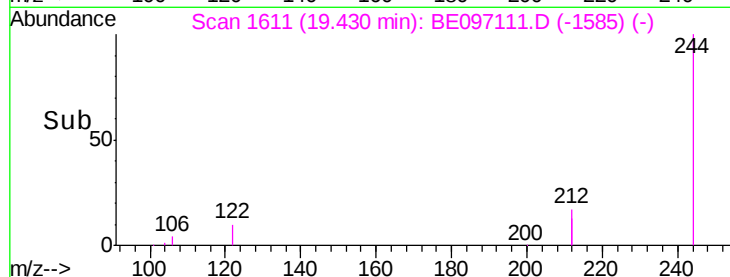
#29
 Terphenyl-d14
 Concen: 0.451 ng
 RT: 19.43 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BE097111.D
 Acq: 26 Jul 2018 20:20

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:244 Resp: 5959
 Ion Ratio Lower Upper
 244 100
 212 34.3 25.4 38.0
 122 10.5 8.1 12.1

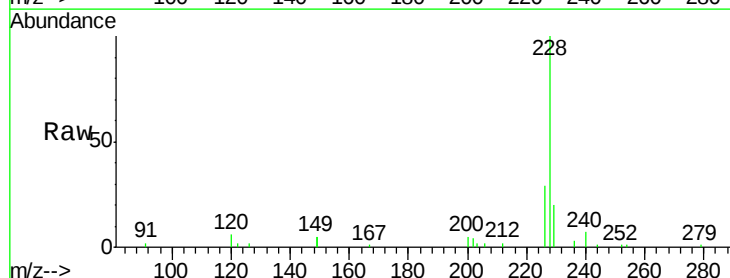


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

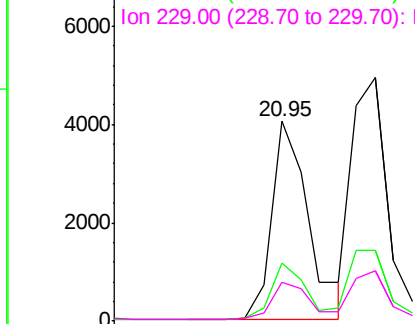
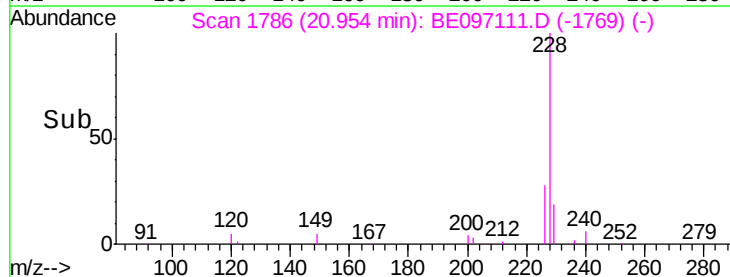


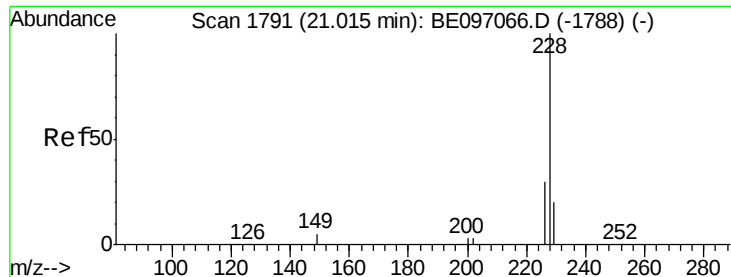
#30
 Benzo(a)anthracene
 Concen: 0.391 ng
 RT: 20.95 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BE097111.D
 Acq: 26 Jul 2018 20:20

Tgt Ion:228 Resp: 6677
 Ion Ratio Lower Upper
 228 100
 226 29.2 24.0 36.0
 229 19.6 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: 0.430 ng

RT: 21.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BE097111.D

Acq: 26 Jul 2018 20:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

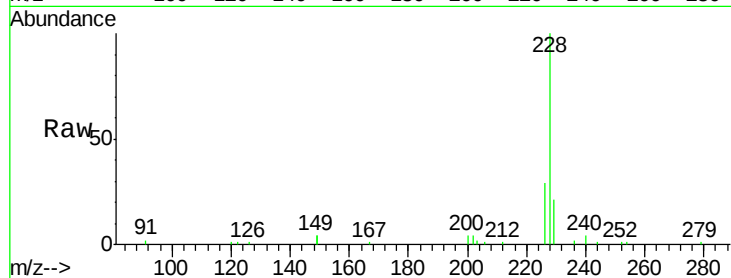
Tgt Ion:228 Resp: 7889

Ion Ratio Lower Upper

228 100

226 29.1 24.0 36.0

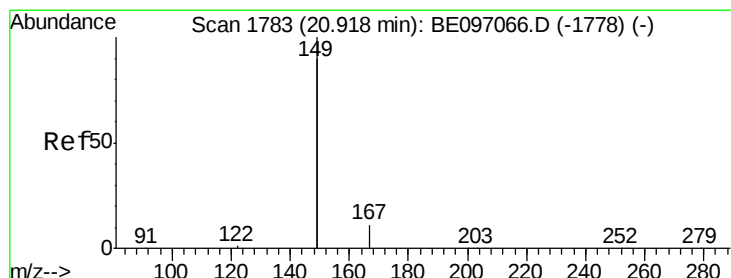
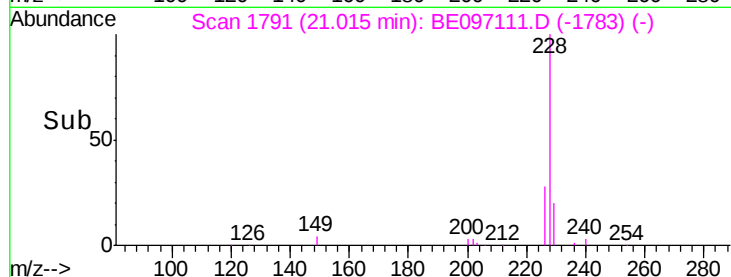
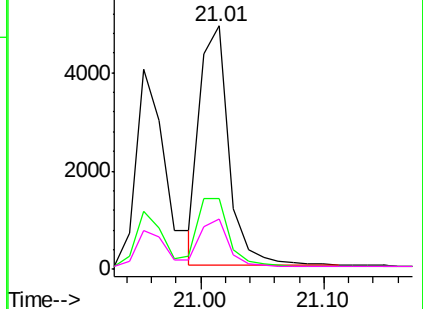
229 20.7 16.0 24.0



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: 0.329 ng

RT: 20.92 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BE097111.D

Acq: 26 Jul 2018 20:20

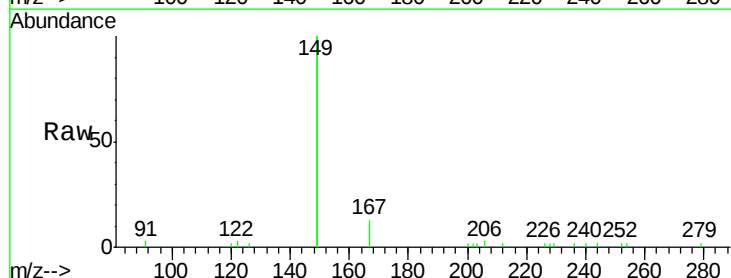
Tgt Ion:149 Resp: 5902

Ion Ratio Lower Upper

149 100

167 6.1 5.4 8.0

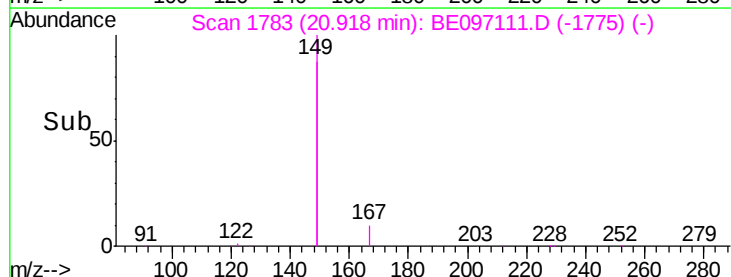
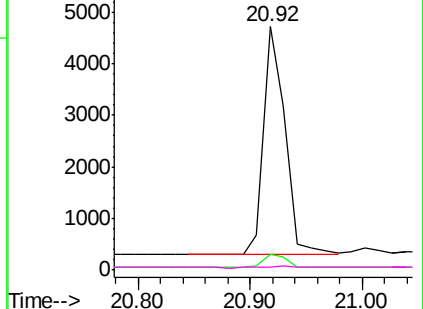
279 1.1 0.7 1.1

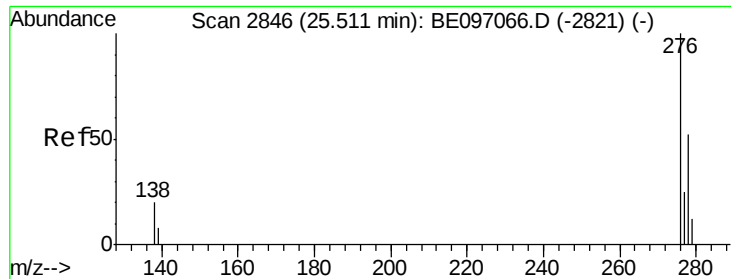


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.376 ng

RT: 25.52 min Scan# 2848

Delta R.T. 0.01 min

Lab File: BE097111.D

Acq: 26 Jul 2018 20:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

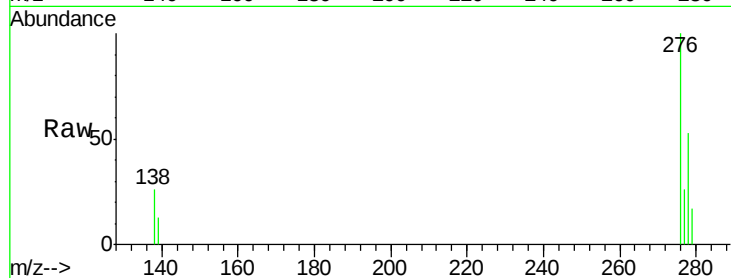
Tgt Ion:276 Resp: 6236

Ion Ratio Lower Upper

276 100

138 7.5 22.5 33.7#

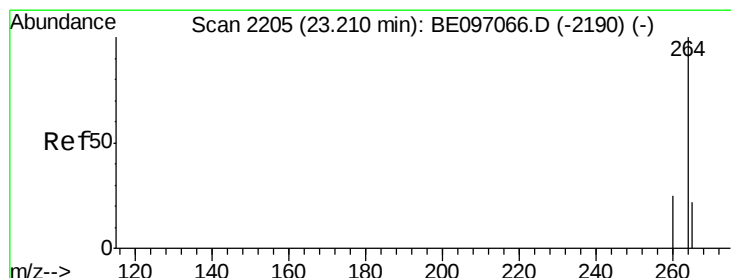
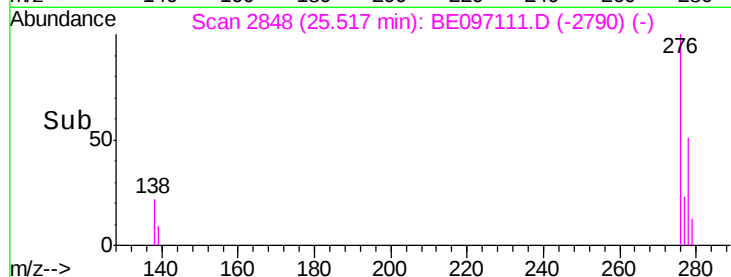
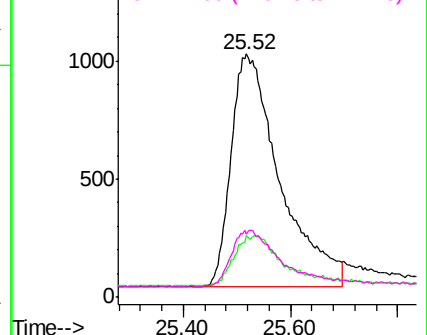
277 24.7 19.9 29.9



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# 2205

Delta R.T. -0.00 min

Lab File: BE097111.D

Acq: 26 Jul 2018 20:20

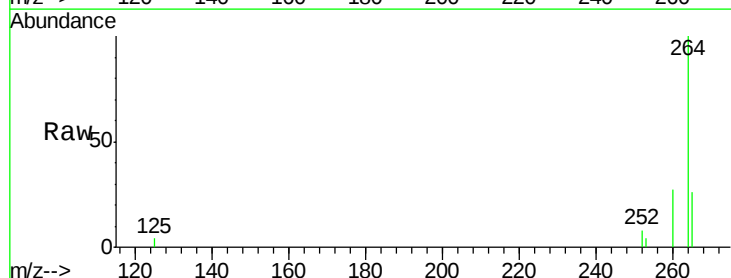
Tgt Ion:264 Resp: 5928

Ion Ratio Lower Upper

264 100

260 26.8 20.5 30.7

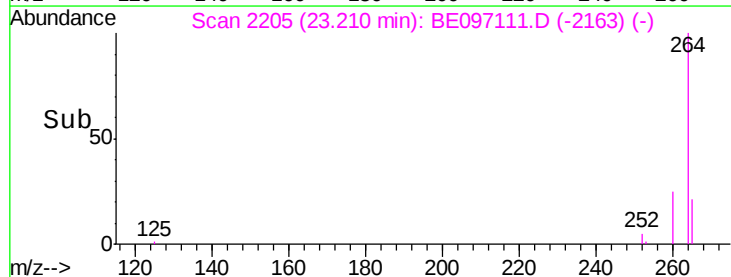
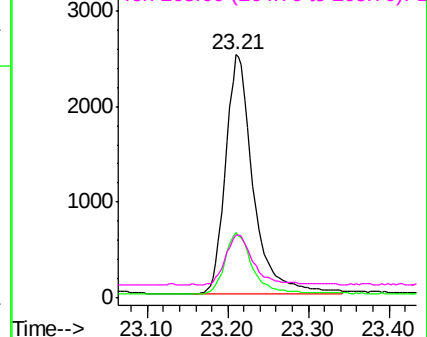
265 25.7 22.8 34.2

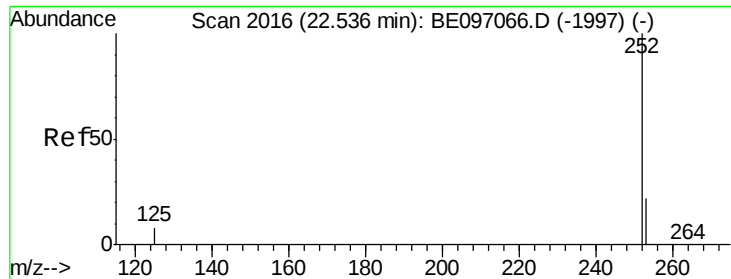


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.355 ng

RT: 22.54 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BE097111.D

Acq: 26 Jul 2018 20:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

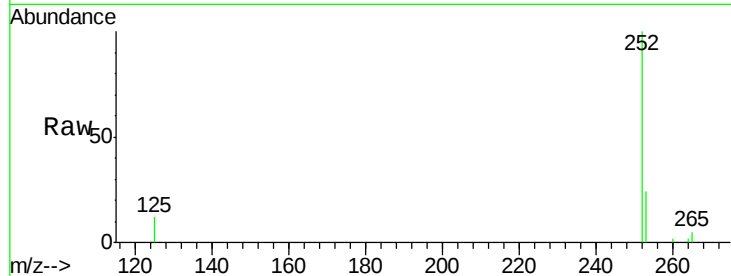
Tgt Ion:252 Resp: 5346

Ion Ratio Lower Upper

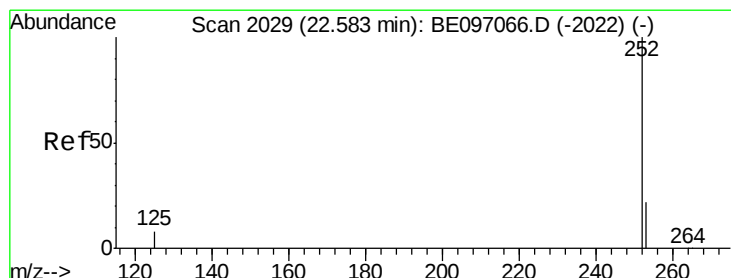
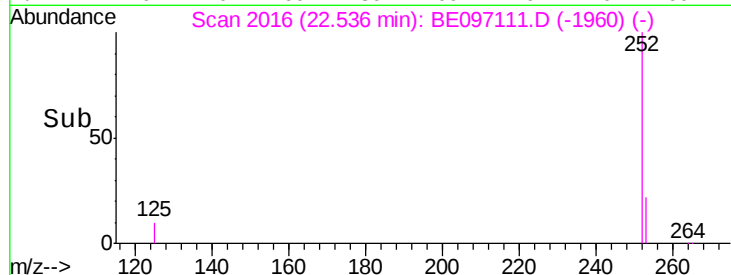
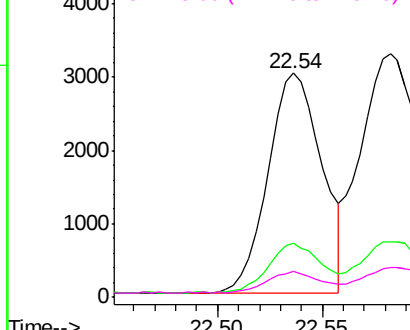
252 100

253 24.1 20.0 30.0

125 11.7 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: 0.443 ng

RT: 22.58 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BE097111.D

Acq: 26 Jul 2018 20:20

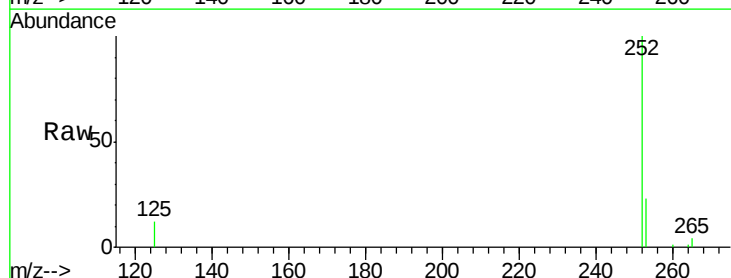
Tgt Ion:252 Resp: 7785

Ion Ratio Lower Upper

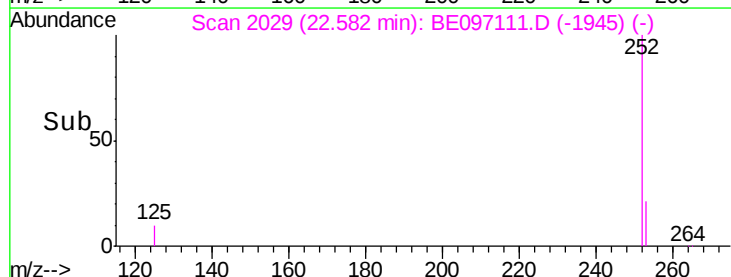
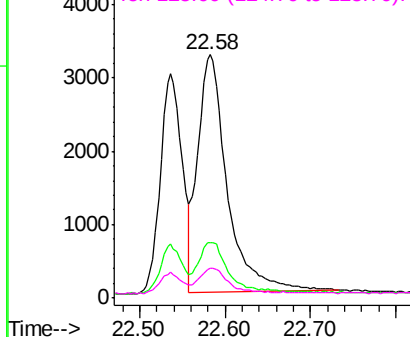
252 100

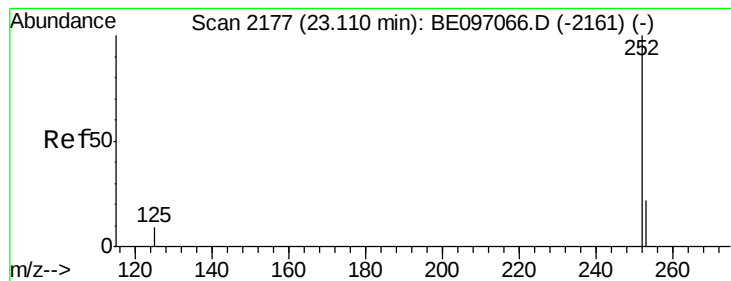
253 22.6 16.0 24.0

125 12.1 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: 0.359 ng

RT: 23.11 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BE097111.D

Acq: 26 Jul 2018 20:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

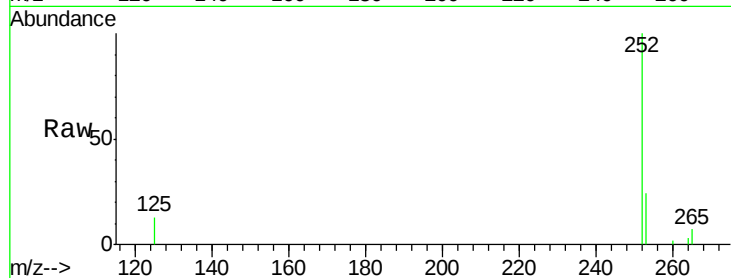
Tgt Ion:252 Resp: 5073

Ion Ratio Lower Upper

252 100

253 24.3 16.0 24.0#

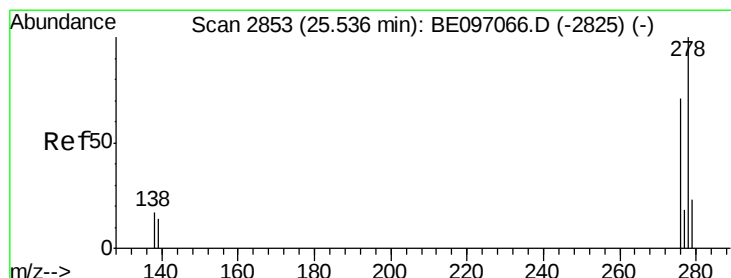
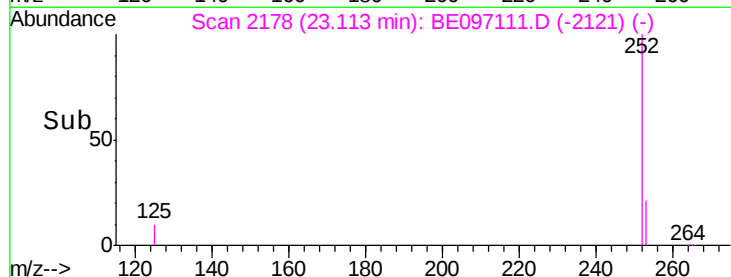
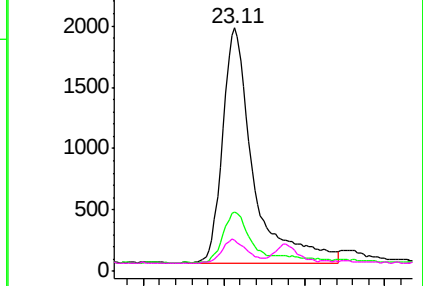
125 13.0 12.0 18.0



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: 0.357 ng

RT: 25.55 min Scan# 2856

Delta R.T. 0.01 min

Lab File: BE097111.D

Acq: 26 Jul 2018 20:20

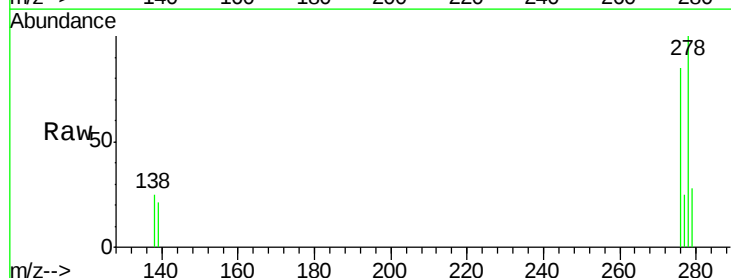
Tgt Ion:278 Resp: 5051

Ion Ratio Lower Upper

278 100

139 20.9 16.0 24.0

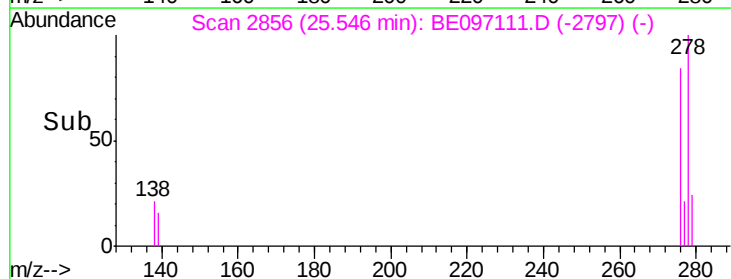
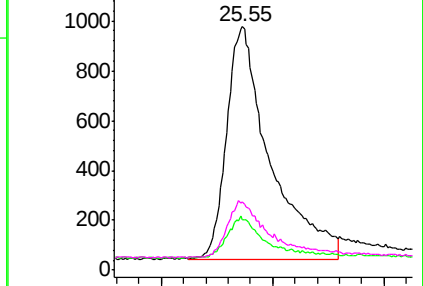
279 27.9 20.0 30.0

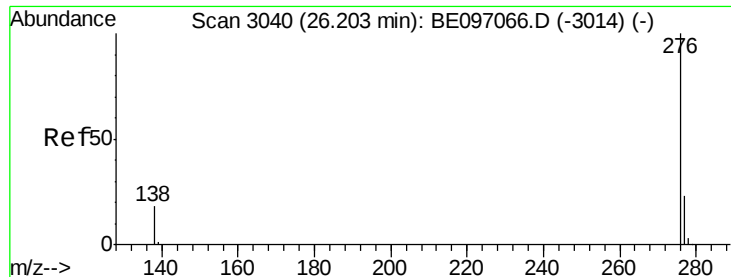


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.341 ng

RT: 26.21 min Scan# 3043

Delta R.T. 0.01 min

Lab File: BE097111.D

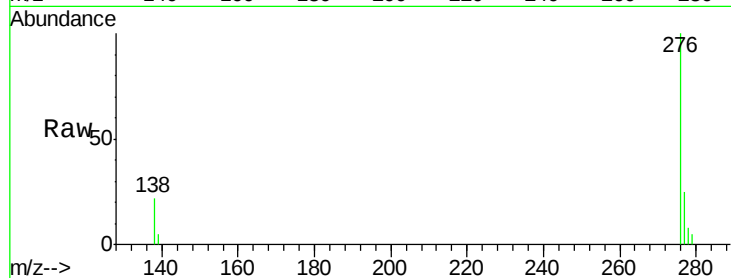
Acq: 26 Jul 2018 20:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion:	276	Resp:	5108
Ion Ratio	Lower	Upper	
276	100		
277	24.9	16.0	24.0#
138	22.1	20.0	30.0

