

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072618\
 Data File : BE097101.D
 Acq On : 26 Jul 2018 12:44
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 27 03:26:01 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	1046	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	4999	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3186	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	8635	0.40	ng	0.00
27) Chrysene-d12	20.98	240	7806	0.40	ng	0.00
34) Perylene-d12	23.21	264	6710	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	1202	0.41	ng	0.00
5) Phenol-d6	6.60	99	1678	0.39	ng	0.00
8) Nitrobenzene-d5	8.52	82	1947	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3314	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	398	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	4913	0.45	ng	0.00
25) Fluoranthene-d10	18.81	212	37975	0.44	ng	0.00
29) Terphenyl-d14	19.43	244	6803	0.45	ng	0.00

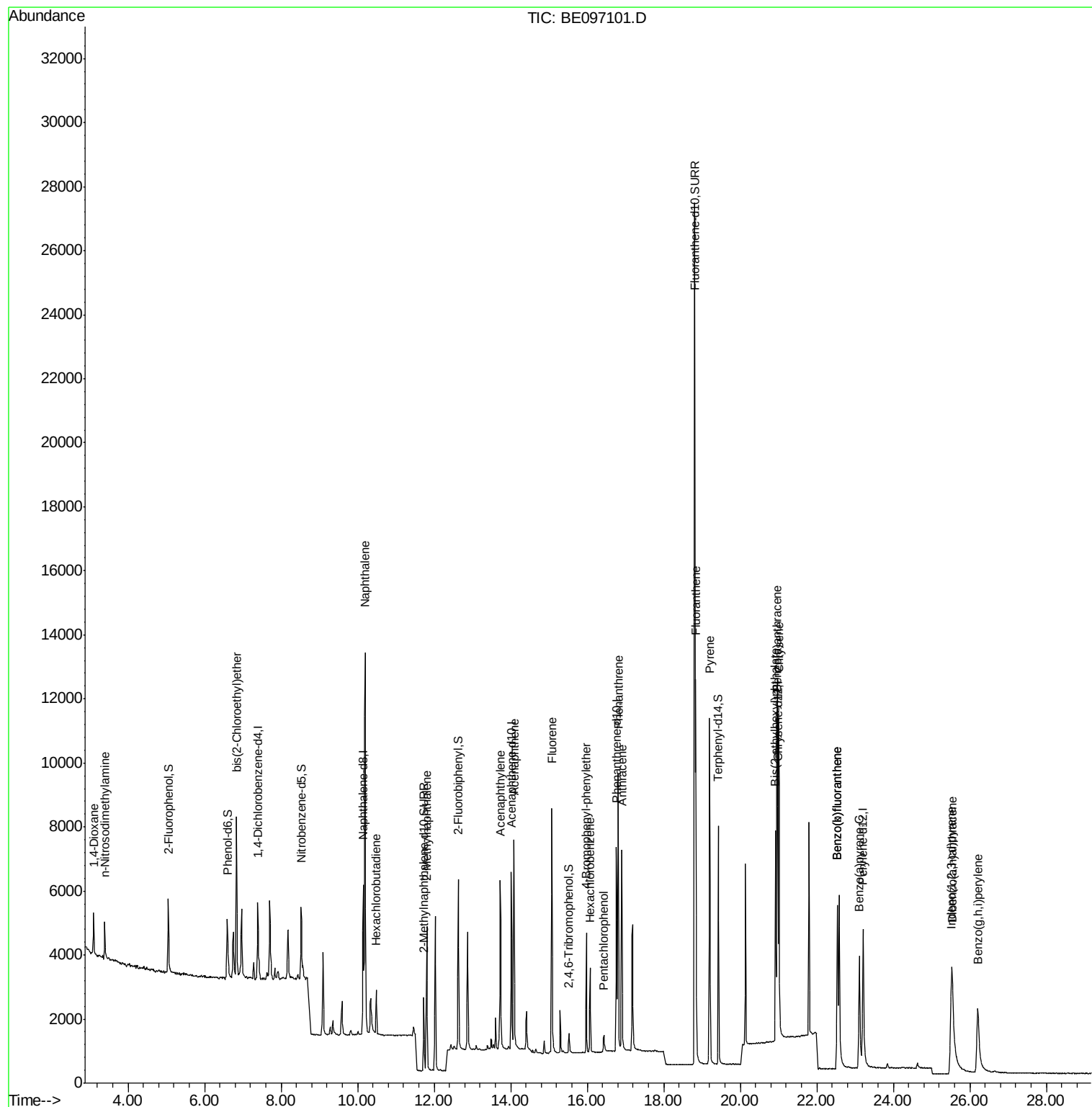
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.09	88	759	0.457	ng	# 90
3) n-Nitrosodimethylamine	3.38	42	784	0.422	ng	# 88
6) bis(2-Chloroethyl)ether	6.84	93	1774	0.451	ng	90
9) Naphthalene	10.20	128	20735	0.462	ng	100
10) Hexachlorobutadiene	10.48	225	935	0.465	ng	98
12) 2-Methylnaphthalene	11.80	142	3432	0.446	ng	99
16) Acenaphthylene	13.73	152	6345	0.444	ng	100
17) Acenaphthene	14.08	154	3600	0.433	ng	# 91
18) Fluorene	15.08	166	4795	0.436	ng	# 79
20) 4-Bromophenyl-phenylether	15.97	248	1856	0.442	ng	85
21) Hexachlorobenzene	16.08	284	2104	0.467	ng	# 83
22) Pentachlorophenol	16.44	266	394	0.380	ng	# 76
23) Phenanthrene	16.81	178	9201	0.447	ng	98
24) Anthracene	16.90	178	7940	0.431	ng	95
26) Fluoranthene	18.84	202	10316	0.447	ng	98
28) Pyrene	19.20	202	10143	0.474	ng	100
30) Benzo(a)anthracene	20.95	228	7868	0.405	ng	98
31) Chrysene	21.00	228	9685	0.465	ng	97
32) Bis(2-ethylhexyl)phthalate	20.92	149	7347	0.360	ng	98
33) Indeno(1,2,3-cd)pyrene	25.51	276	7605	0.403	ng	# 92
35) Benzo(b)fluoranthene	22.54	252	6770	0.398	ng	# 88
36) Benzo(k)fluoranthene	22.54	252	6770	0.341	ng	96
37) Benzo(a)pyrene	23.11	252	6554	0.409	ng	# 92
38) Dibenzo(a,h)anthracene	25.54	278	6212	0.388	ng	98
39) Benzo(g,h,i)perylene	26.21	276	6781	0.400	ng	# 89

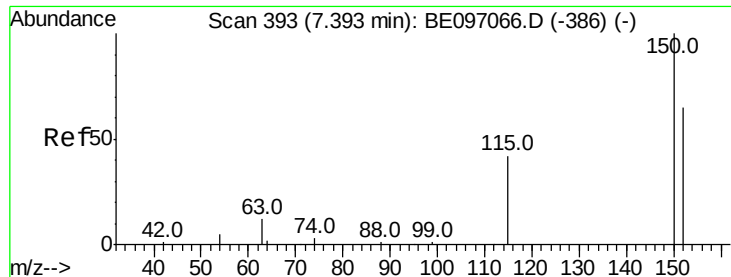
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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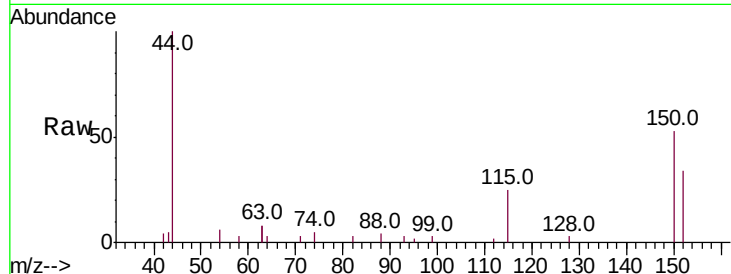




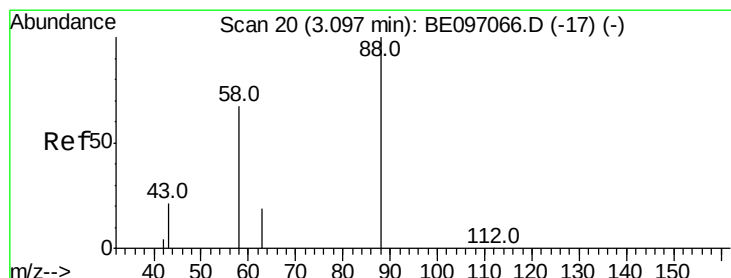
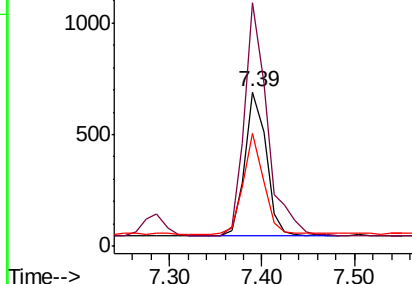
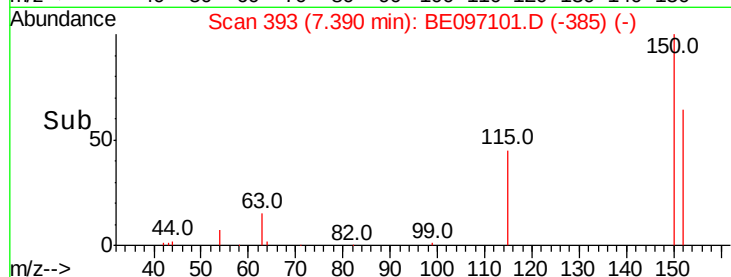
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.39 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: BE097101.D
 Acq: 26 Jul 2018 12:44

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 1046
 Ion Ratio Lower Upper
 152 100
 150 157.8 117.2 175.8
 115 73.6 57.0 85.6

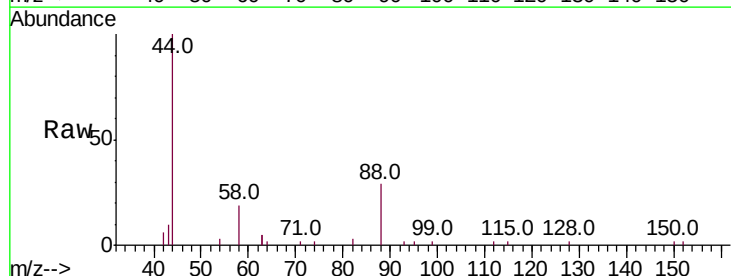


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

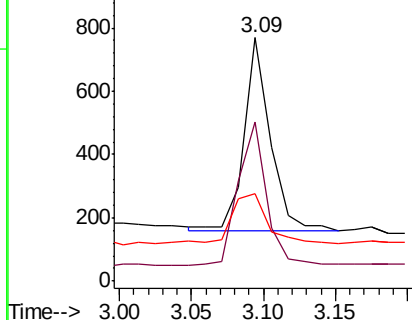
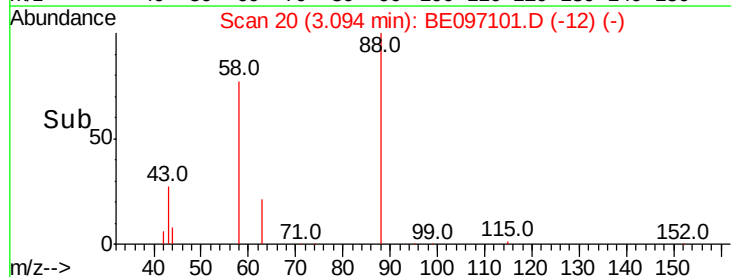


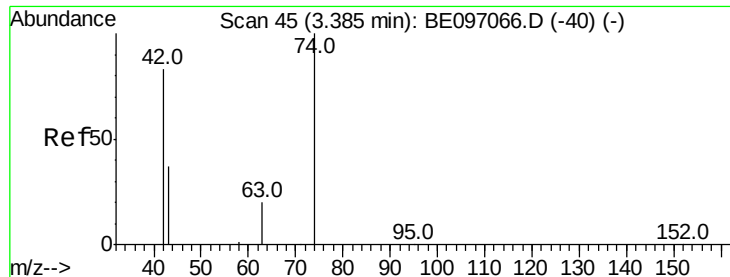
#2
 1,4-Dioxane
 Concen: 0.457 ng
 RT: 3.09 min Scan# 20
 Delta R.T. -0.00 min
 Lab File: BE097101.D
 Acq: 26 Jul 2018 12:44

Tgt Ion: 88 Resp: 759
 Ion Ratio Lower Upper
 88 100
 58 80.9 63.2 94.8
 43 36.4 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



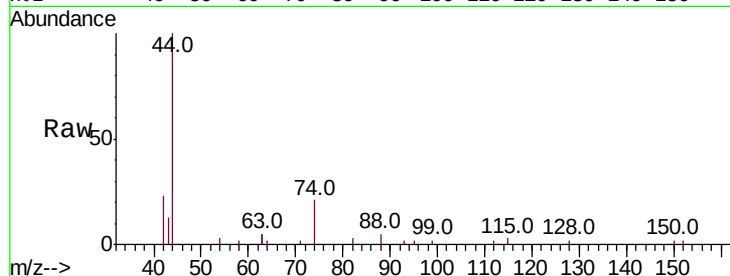


#3

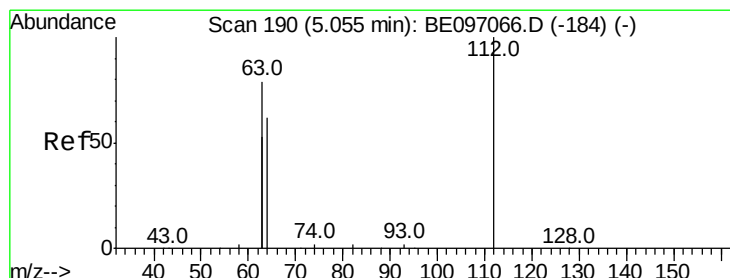
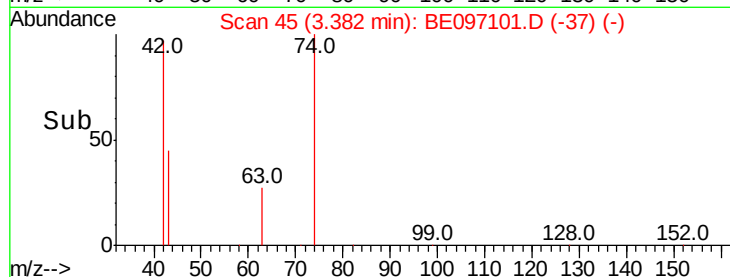
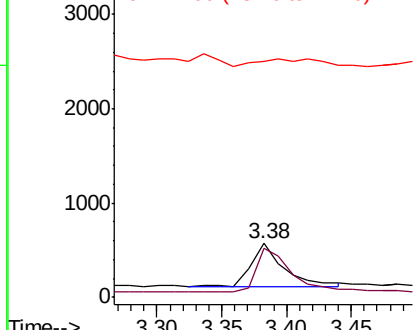
n-Nitrosodimethylamine
Concen: 0.422 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097101.D
Acq: 26 Jul 2018 12:44

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 784
Ion Ratio Lower Upper
42 100
74 110.6 96.0 144.0
44 0.0 12.0 18.0#



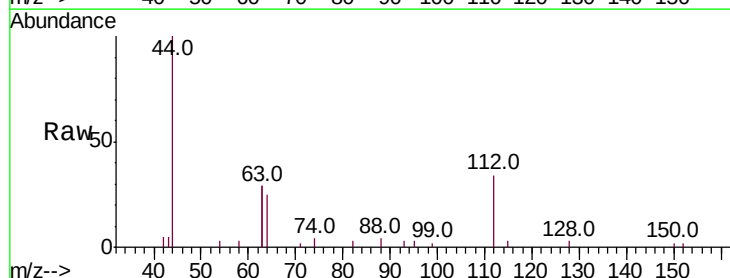
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



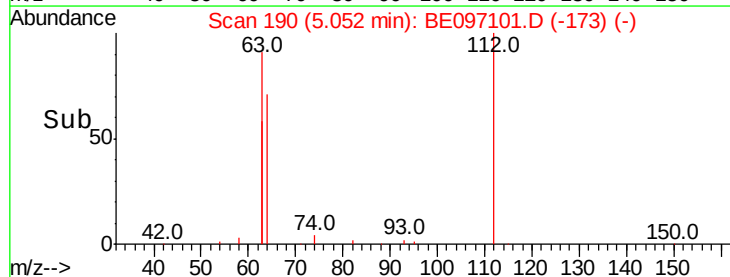
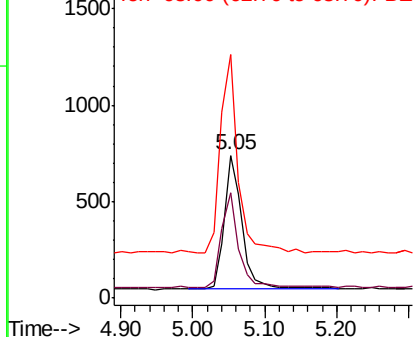
#4

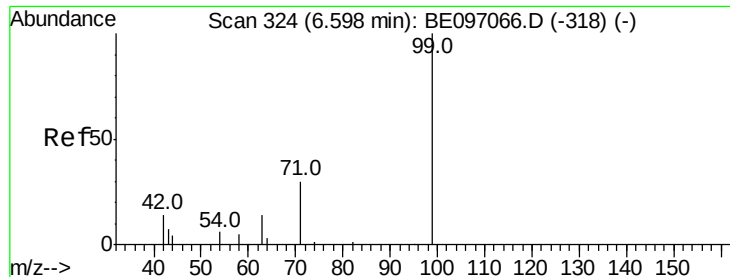
2-Fluorophenol
Concen: 0.409 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097101.D
Acq: 26 Jul 2018 12:44

Tgt Ion: 112 Resp: 1202
Ion Ratio Lower Upper
112 100
64 69.6 60.1 90.1
63 146.3 116.8 175.2



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: 0.389 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097101.D

Acq: 26 Jul 2018 12:44

Instrument :

BNA_E

ClientSampled :

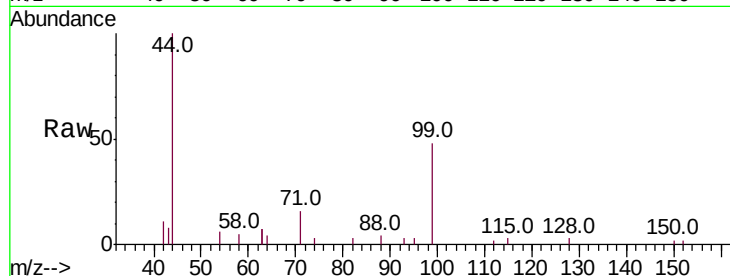
Tot Ion: 99 Resp: 1678

Ion Ratio Lower Upper

99 100

42 23.4 20.2 30.2

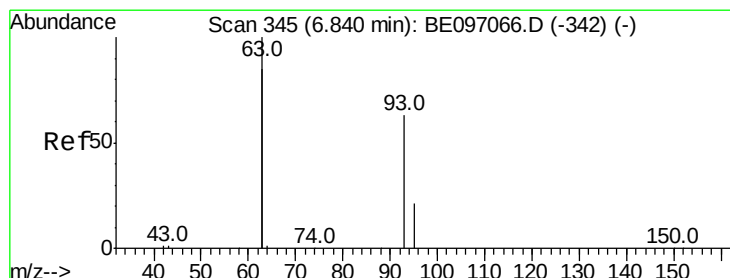
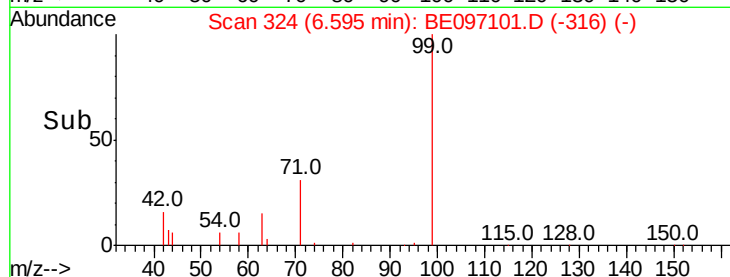
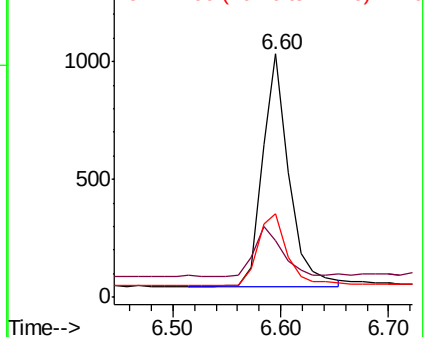
71 34.6 28.4 42.6



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: 0.451 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097101.D

Acq: 26 Jul 2018 12:44

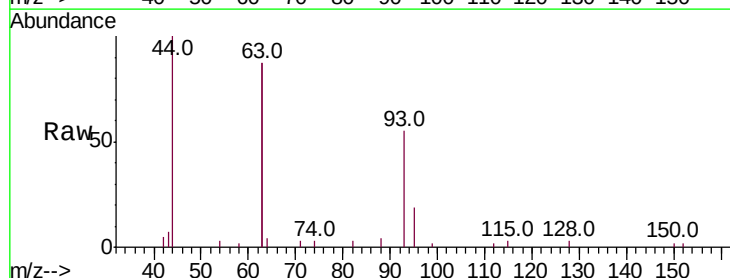
Tgt Ion: 93 Resp: 1774

Ion Ratio Lower Upper

93 100

63 321.9 275.3 412.9

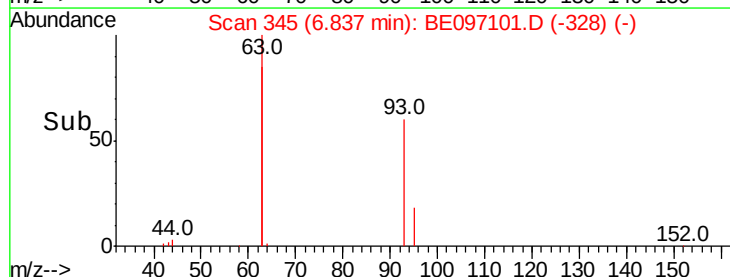
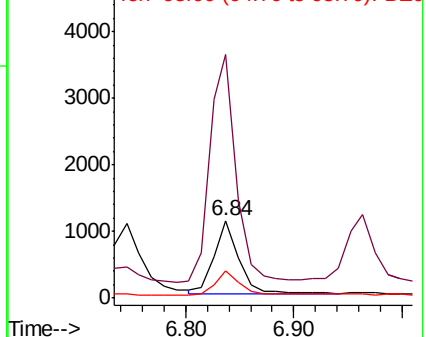
95 29.8 25.2 37.8

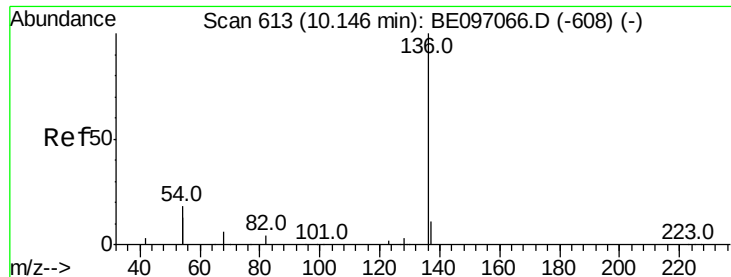


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097101.D

Acq: 26 Jul 2018 12:44

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4999

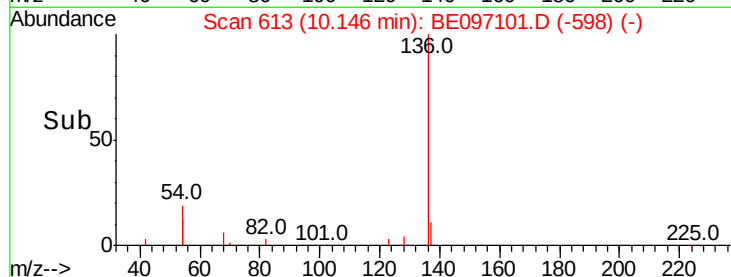
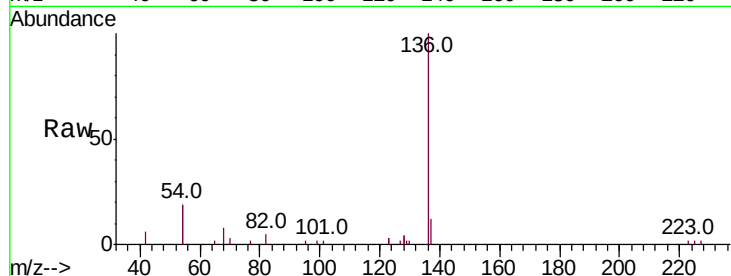
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 37.0 29.1 43.7

68 7.5 6.2 9.2

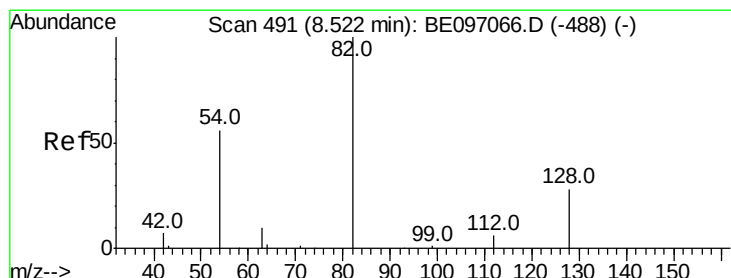
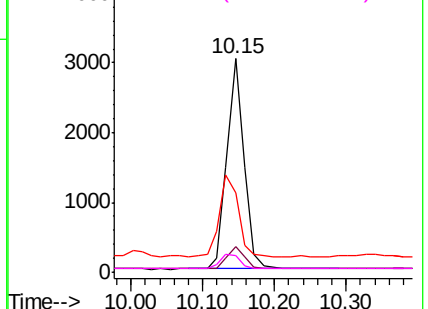


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.448 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097101.D

Acq: 26 Jul 2018 12:44

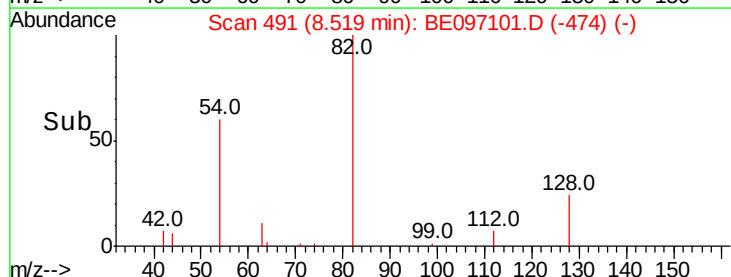
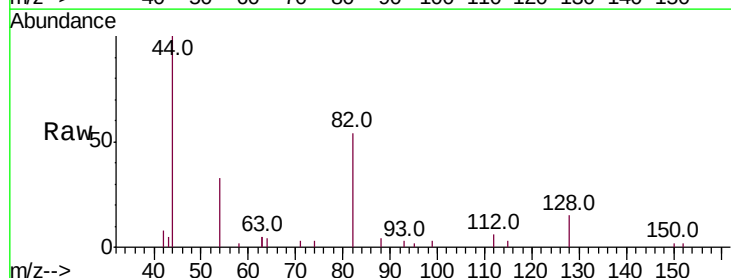
Tgt Ion: 82 Resp: 1947

Ion Ratio Lower Upper

82 100

128 27.6 24.0 36.0

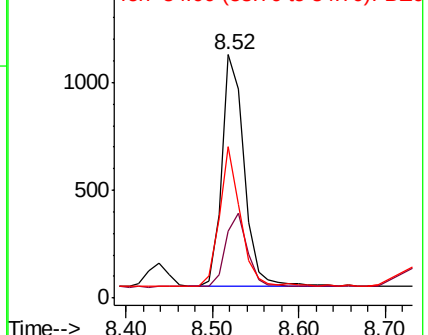
54 62.2 40.0 60.0#

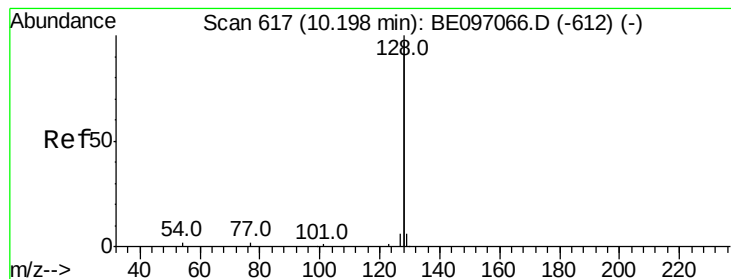


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.462 ng

RT: 10.20 min Scan# 617

Delta R.T. -0.00 min

Lab File: BE097101.D

Acq: 26 Jul 2018 12:44

Instrument :

BNA_E

ClientSampleId :

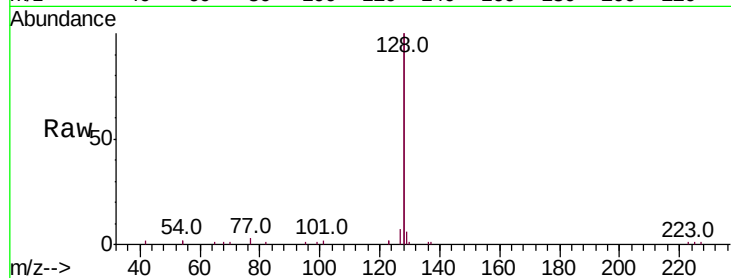
Tot Ion:128 Resp: 20735

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

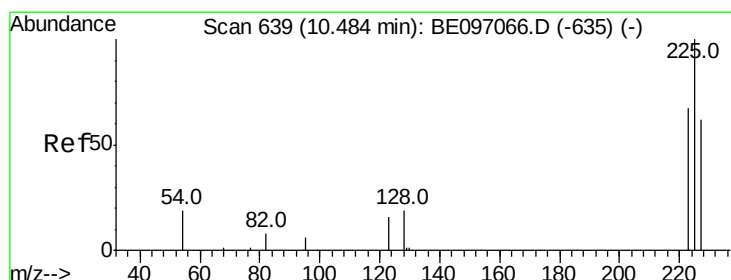
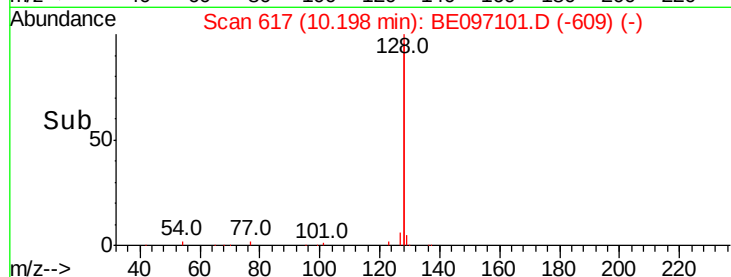
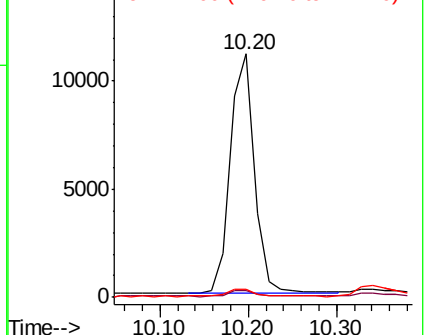
127 3.5 2.8 4.2



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: 0.465 ng

RT: 10.48 min Scan# 639

Delta R.T. -0.00 min

Lab File: BE097101.D

Acq: 26 Jul 2018 12:44

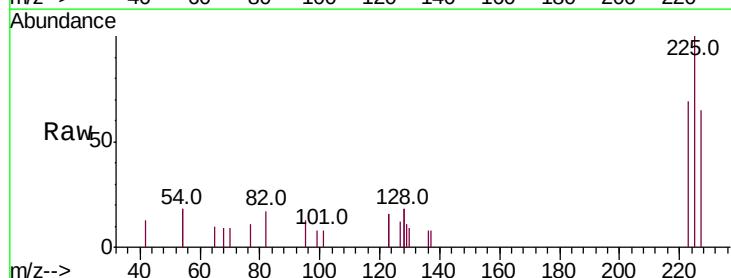
Tgt Ion:225 Resp: 935

Ion Ratio Lower Upper

225 100

223 63.7 53.0 79.6

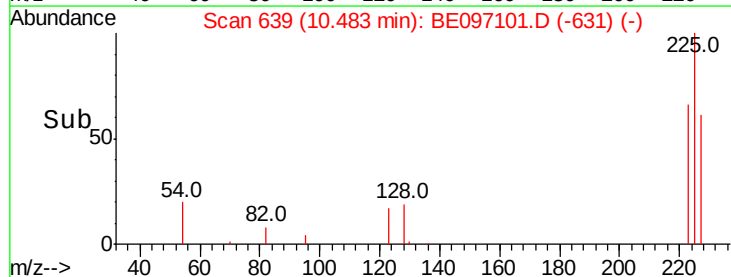
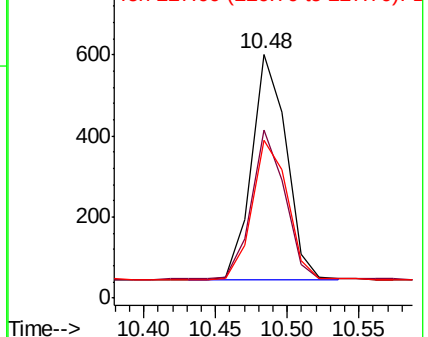
227 63.3 51.4 77.2

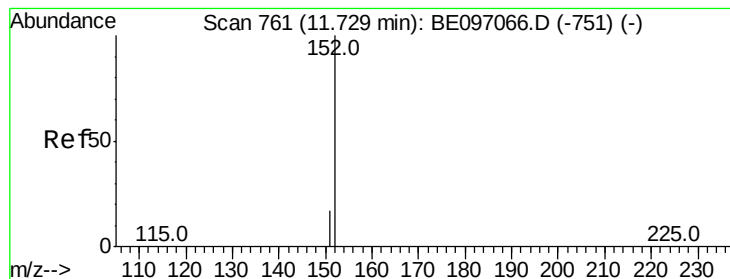


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.443 ng

RT: 11.73 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE097101.D

Acq: 26 Jul 2018 12:44

Instrument :

BNA_E

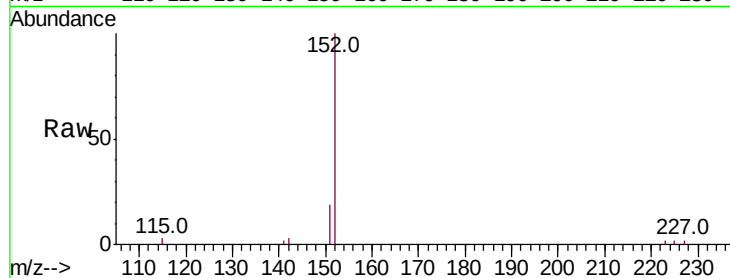
ClientSampleId :

Tot Ion:152 Resp: 3314

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

2000

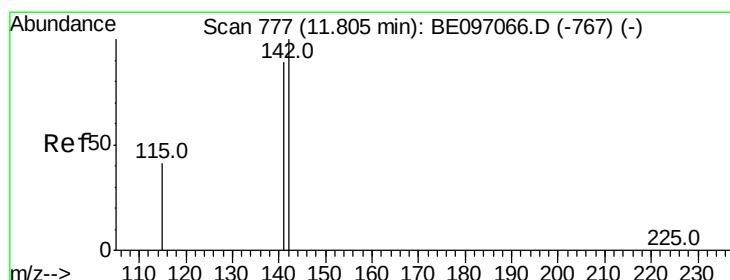
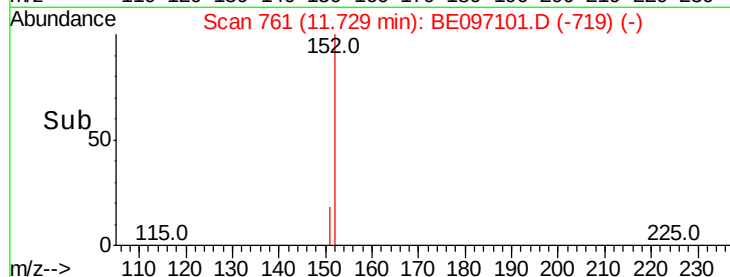
1500

1000

500

0

Time--> 11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.446 ng

RT: 11.80 min Scan# 777

Delta R.T. 0.00 min

Lab File: BE097101.D

Acq: 26 Jul 2018 12:44

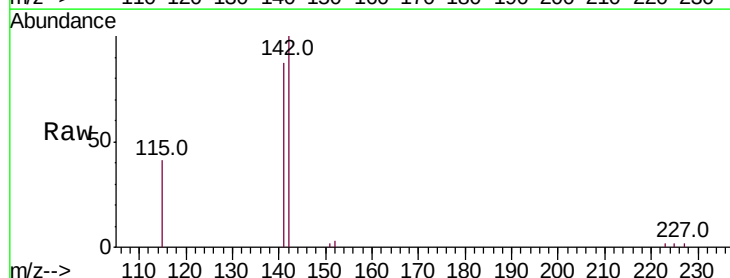
Tgt Ion:142 Resp: 3432

Ion Ratio Lower Upper

142 100

141 87.2 70.4 105.6

115 40.6 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

2500

2000

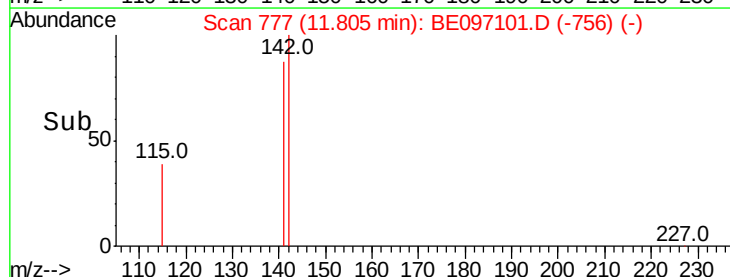
1500

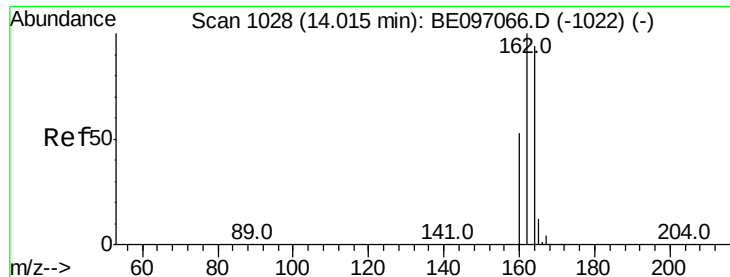
1000

500

0

Time--> 11.70 11.80 11.90

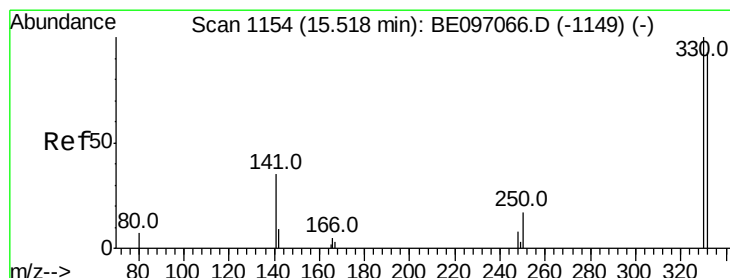
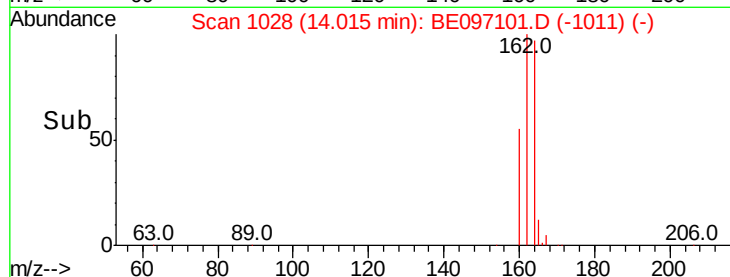
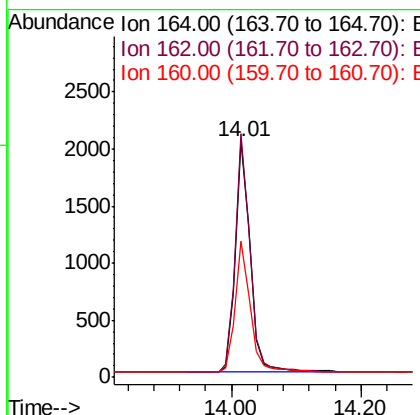
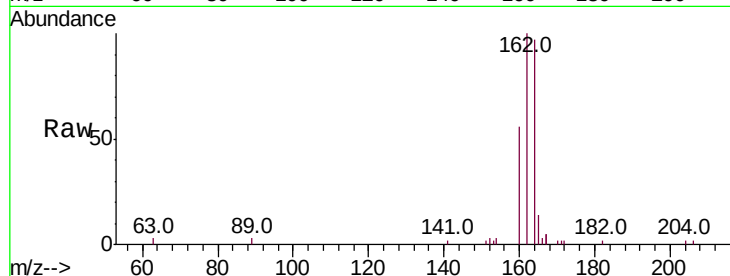




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE097101.D
Acq: 26 Jul 2018 12:44

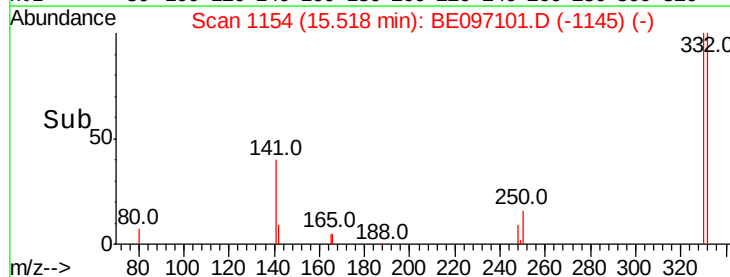
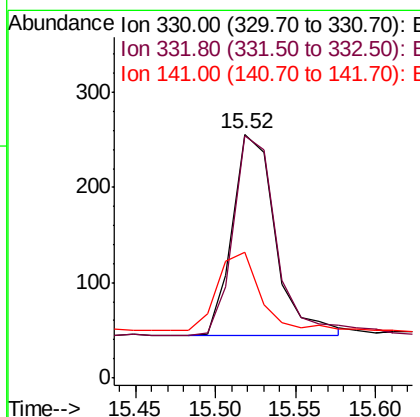
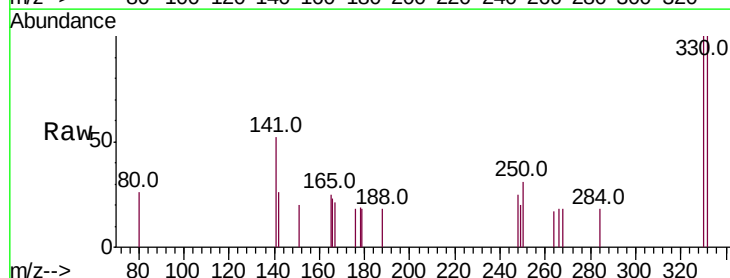
Instrument :
BNA_E
ClientSampleId :

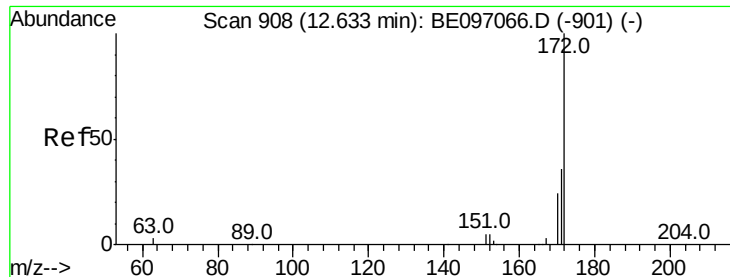
Tot Ion:164 Resp: 3186
Ion Ratio Lower Upper
164 100
162 103.3 83.1 124.7
160 57.9 37.1 55.7#



#14
2,4,6-Tribromophenol
Concen: 0.380 ng
RT: 15.52 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097101.D
Acq: 26 Jul 2018 12:44

Tgt Ion:330 Resp: 398
Ion Ratio Lower Upper
330 100
332 99.5 152.7 229.1#
141 37.7 33.7 50.5

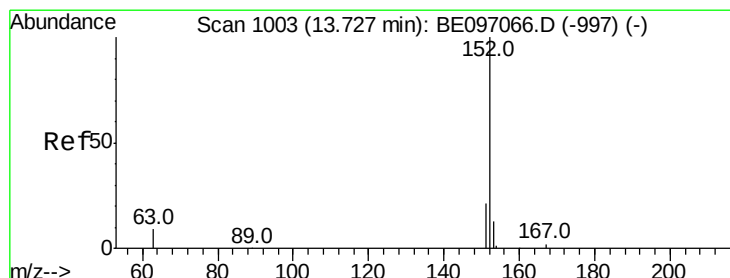
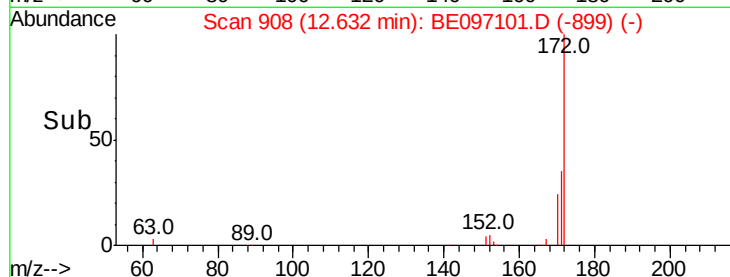
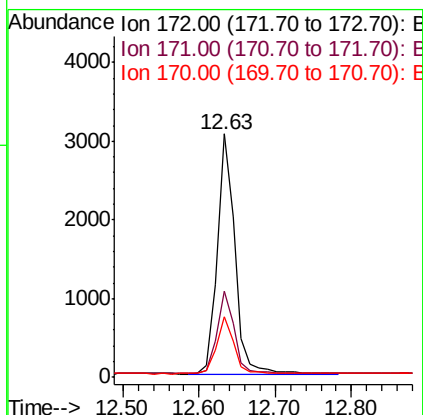
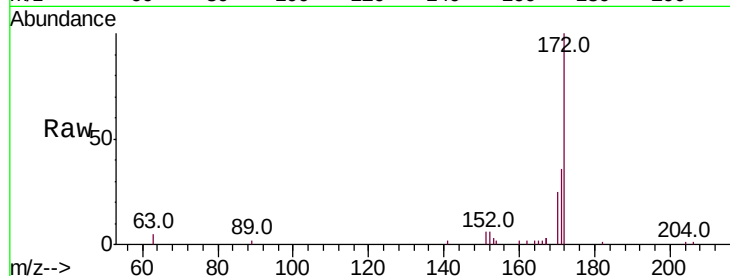




#15
2-Fluorobiphenyl
Concen: 0.446 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097101.D
Acq: 26 Jul 2018 12:44

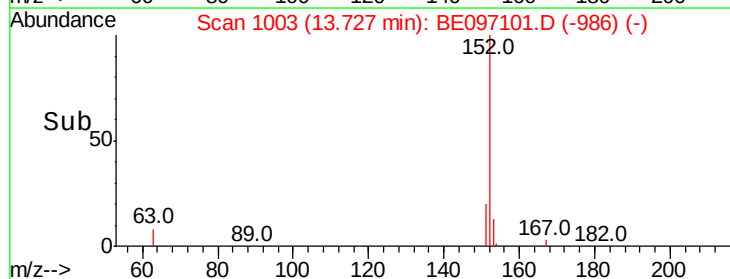
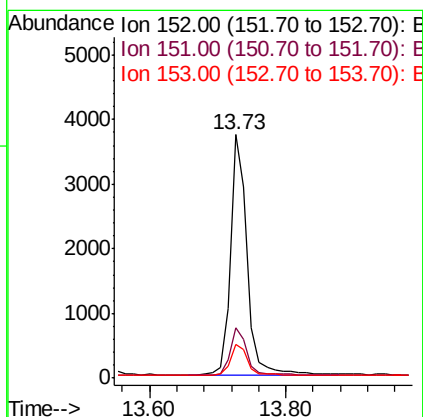
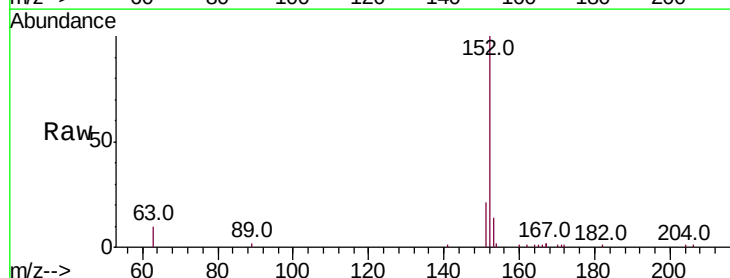
Instrument :
BNA_E
ClientSampleId :

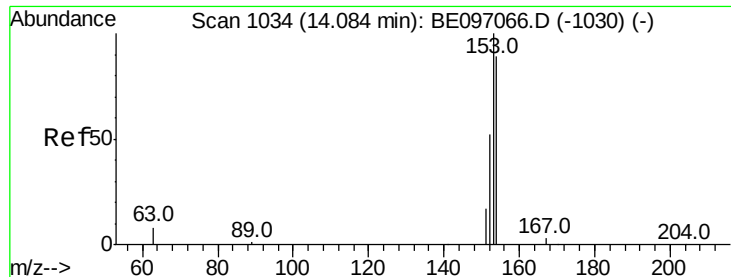
Tot Ion:172 Resp: 4913
Ion Ratio Lower Upper
172 100
171 35.6 29.9 44.9
170 24.9 21.8 32.8



#16
Acenaphthylene
Concen: 0.444 ng
RT: 13.73 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE097101.D
Acq: 26 Jul 2018 12:44

Tgt Ion:152 Resp: 6345
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 13.4 10.5 15.7

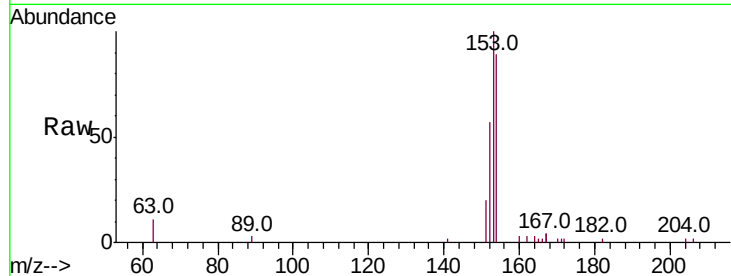




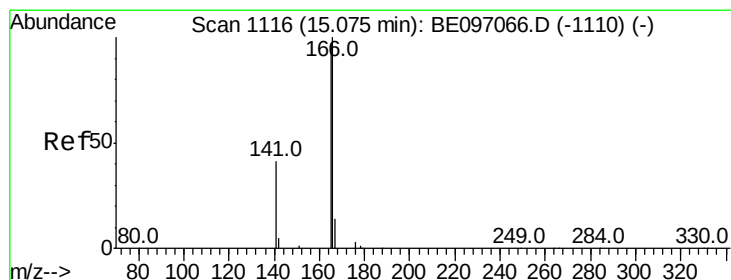
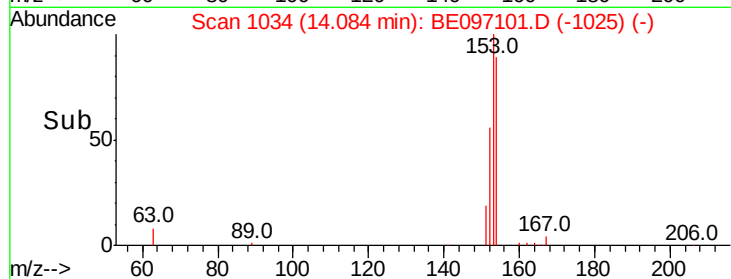
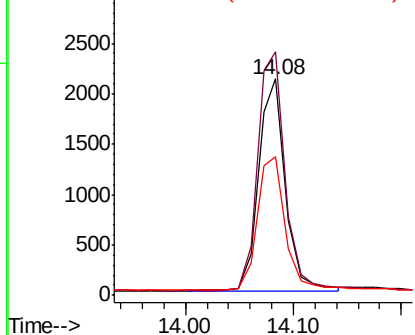
#17
Acenaphthene
Concen: 0.433 ng
RT: 14.08 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BE097101.D
Acq: 26 Jul 2018 12:44

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 3600
Ion Ratio Lower Upper
154 100
153 116.1 89.2 133.8
152 66.1 42.0 63.0#

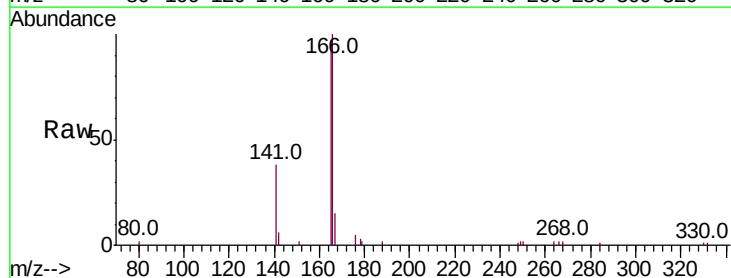


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

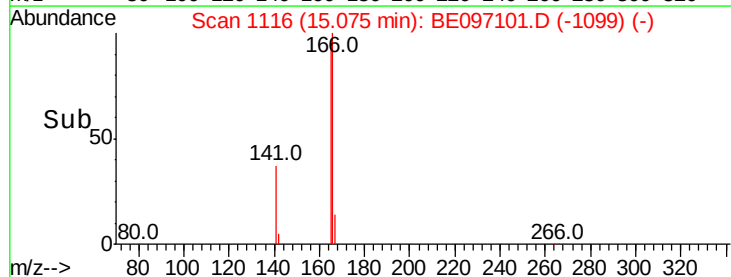
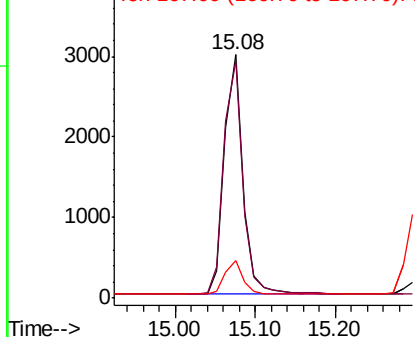


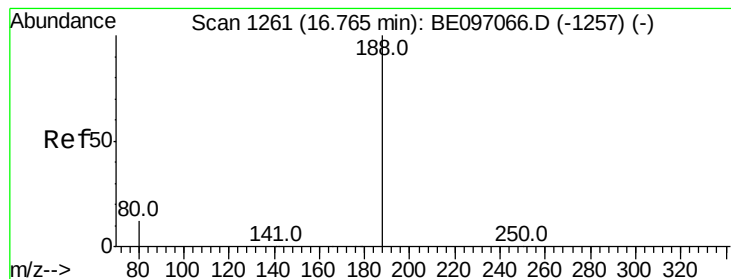
#18
Fluorene
Concen: 0.436 ng
RT: 15.08 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE097101.D
Acq: 26 Jul 2018 12:44

Tgt Ion:166 Resp: 4795
Ion Ratio Lower Upper
166 100
165 99.6 77.8 116.6
167 14.0 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: BE097101.D

Acq: 26 Jul 2018 12:44

Instrument :

BNA_E

ClientSampleId :

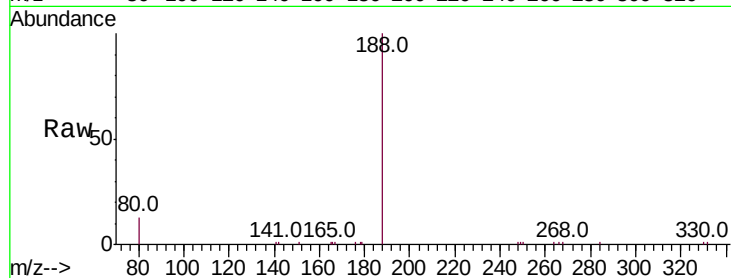
Tot Ion:188 Resp: 8635

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

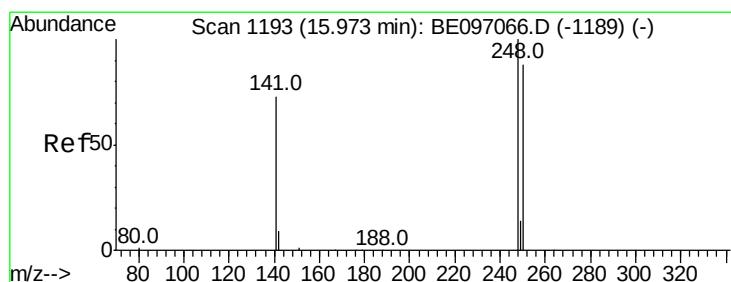
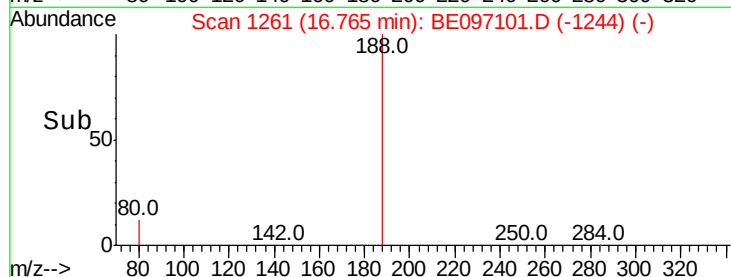
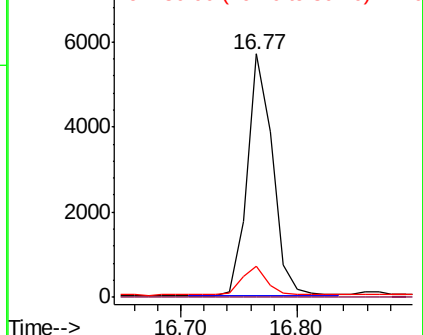
80 12.9 3.6 5.4#



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: 0.442 ng

RT: 15.97 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BE097101.D

Acq: 26 Jul 2018 12:44

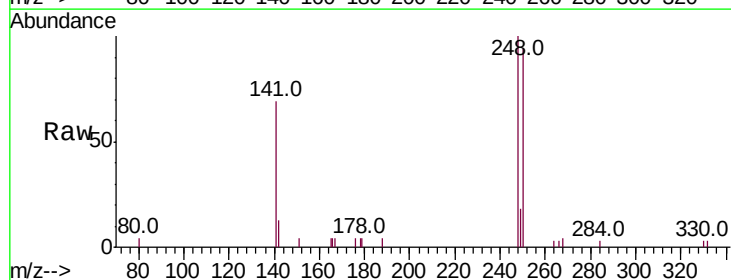
Tgt Ion:248 Resp: 1856

Ion Ratio Lower Upper

248 100

250 94.0 62.7 94.1

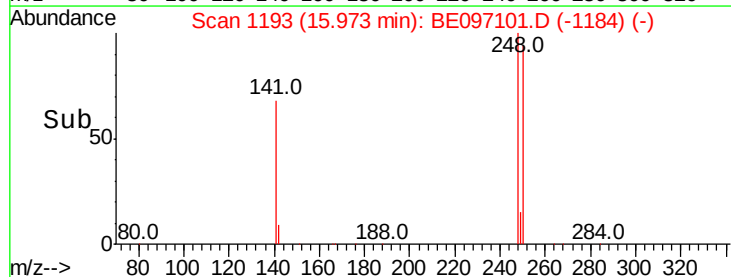
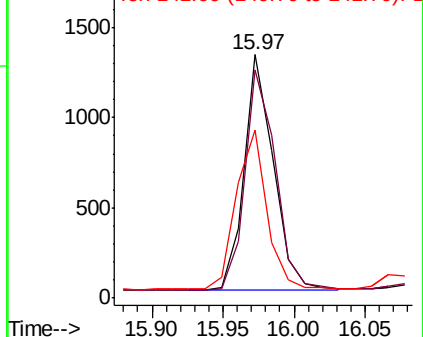
141 69.0 48.2 72.2

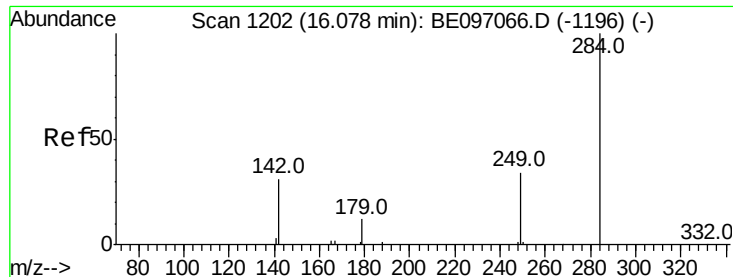


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

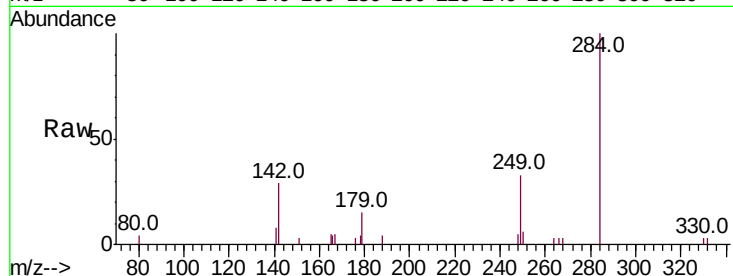




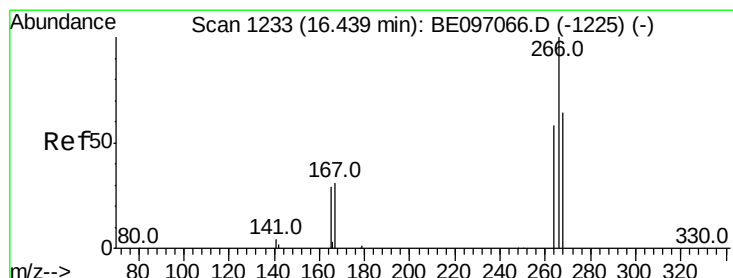
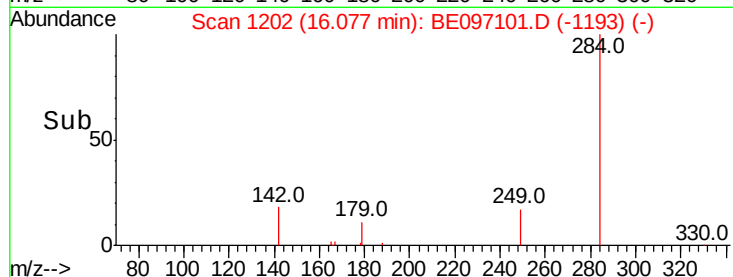
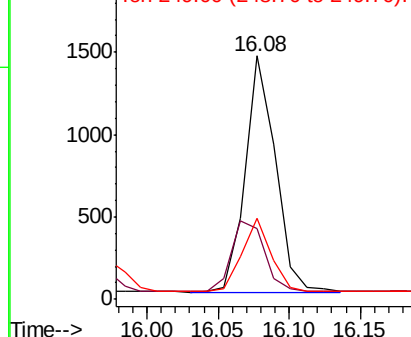
#21
Hexachlorobenzene
Concen: 0.467 ng
RT: 16.08 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BE097101.D
Acq: 26 Jul 2018 12:44

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	32.8	22.1	33.1
249	29.3	34.8	52.2#

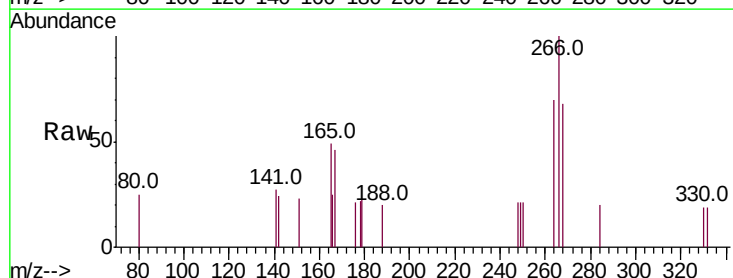


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

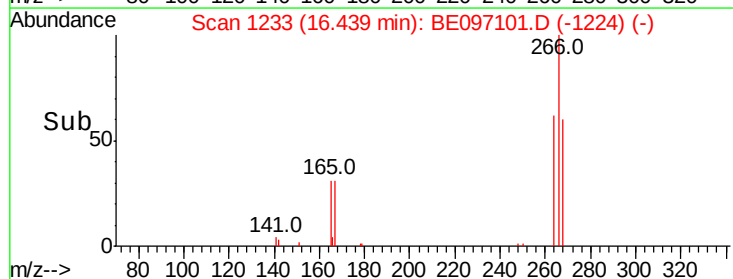
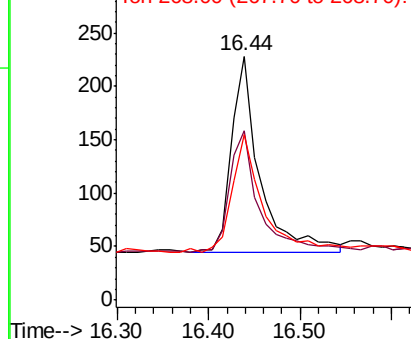


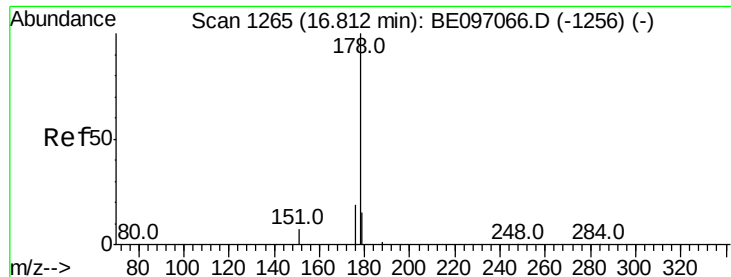
#22
Pentachlorophenol
Concen: 0.380 ng
RT: 16.44 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE097101.D
Acq: 26 Jul 2018 12:44

Tgt Ion	Ratio	Lower	Upper
266	100		
264	69.7	72.5	108.7#
268	68.0	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: 0.447 ng

RT: 16.81 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE097101.D

Acq: 26 Jul 2018 12:44

Instrument :

BNA_E

ClientSampleId :

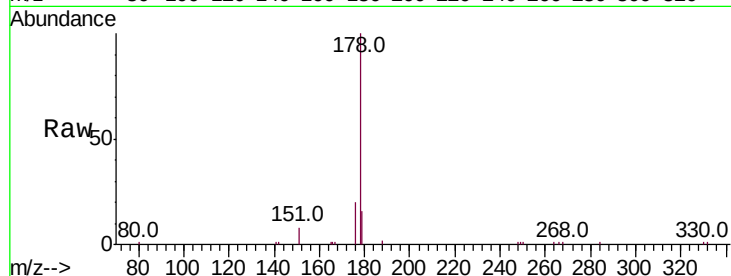
Tot Ion:178 Resp: 9201

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

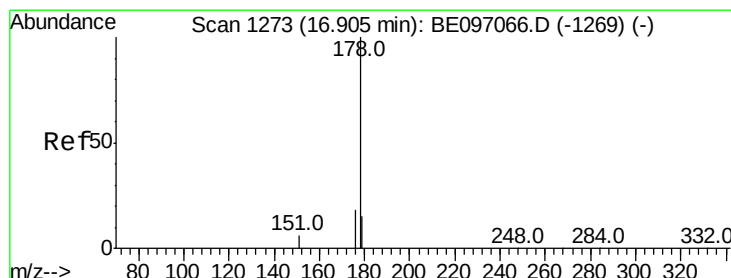
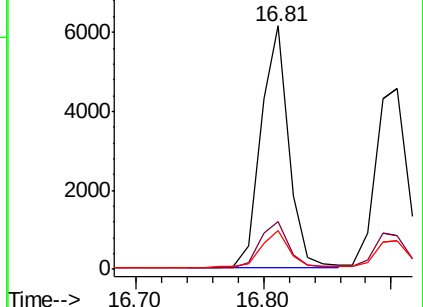
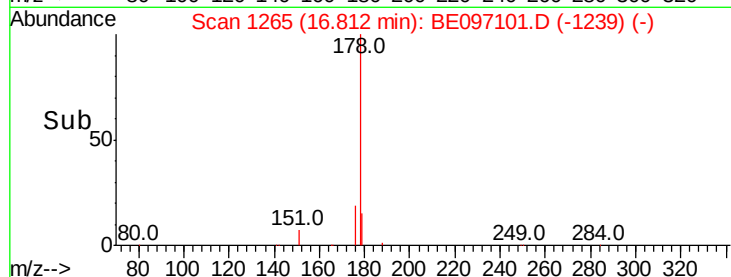
179 15.3 11.8 17.6



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: 0.431 ng

RT: 16.90 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BE097101.D

Acq: 26 Jul 2018 12:44

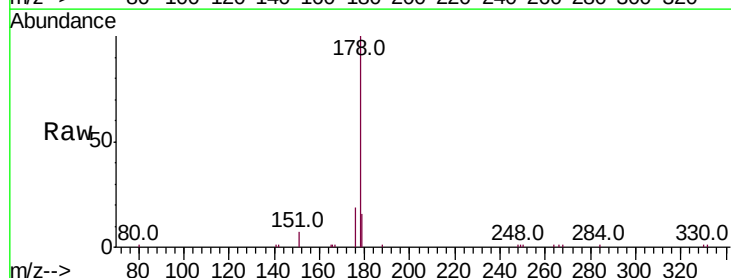
Tgt Ion:178 Resp: 7940

Ion Ratio Lower Upper

178 100

176 18.8 12.8 19.2

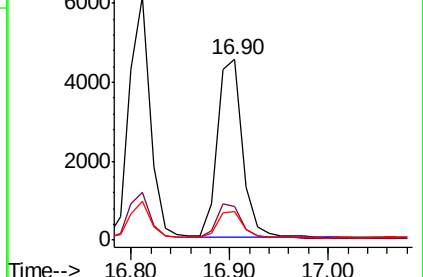
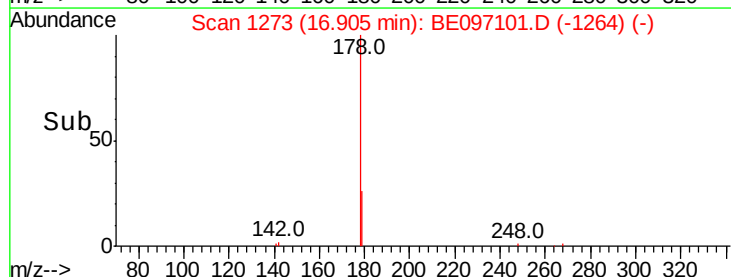
179 15.2 13.0 19.6

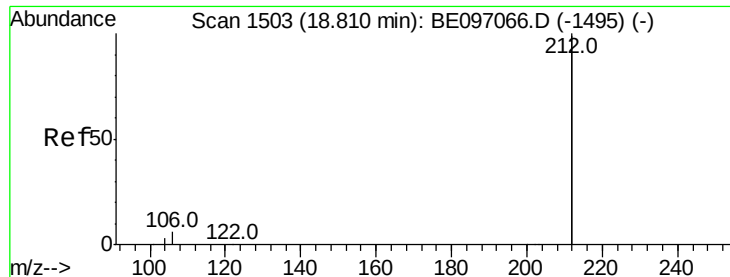


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.439 ng

RT: 18.81 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BE097101.D

Acq: 26 Jul 2018 12:44

Instrument :

BNA_E

ClientSampleId :

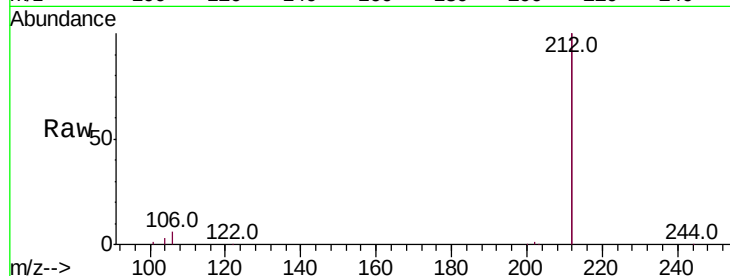
Tot Ion:212 Resp: 37975

Ion Ratio Lower Upper

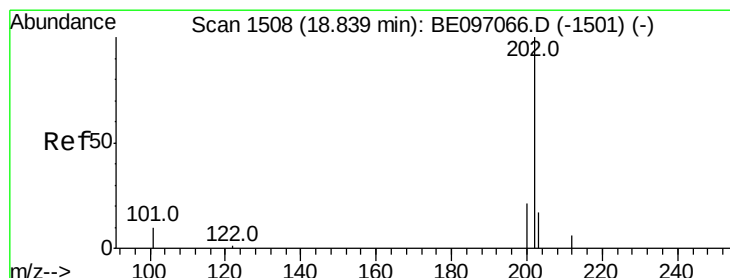
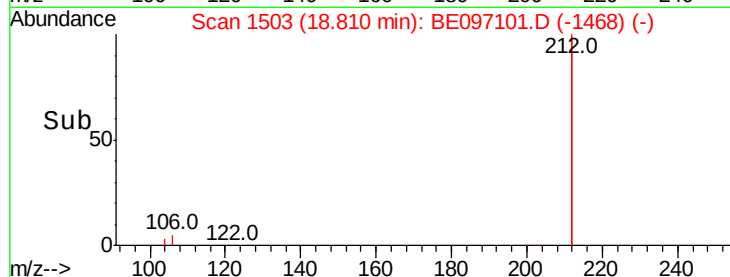
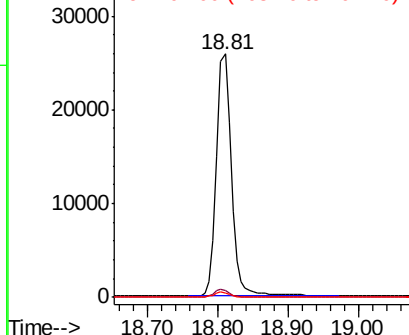
212 100

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: 0.447 ng

RT: 18.84 min Scan# 1508

Delta R.T. -0.00 min

Lab File: BE097101.D

Acq: 26 Jul 2018 12:44

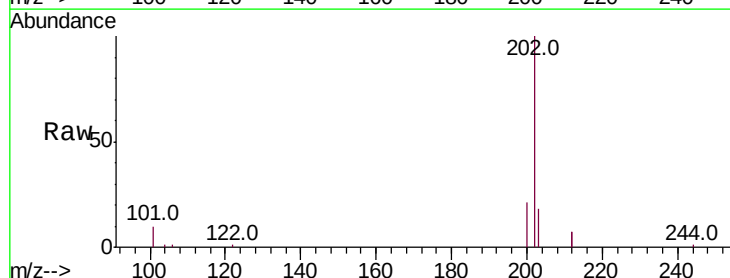
Tgt Ion:202 Resp: 10316

Ion Ratio Lower Upper

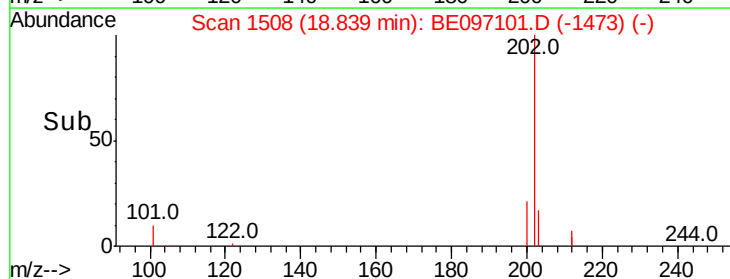
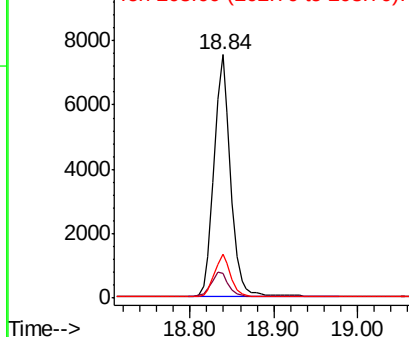
202 100

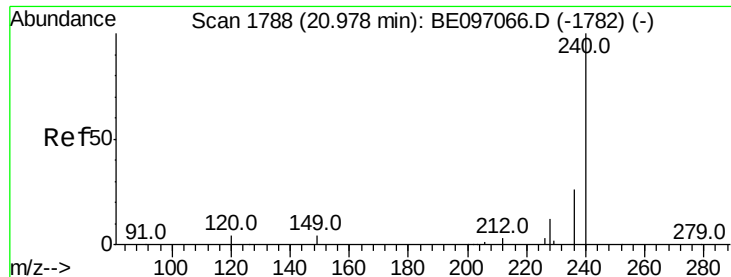
101 10.6 9.8 14.8

203 17.1 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: BE097101.D

Acq: 26 Jul 2018 12:44

Instrument :

BNA_E

ClientSampleId :

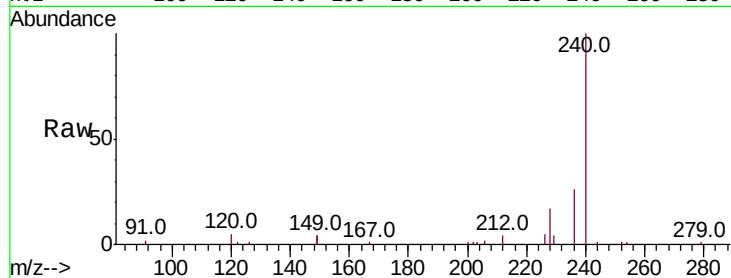
Tot Ion:240 Resp: 7806

Ion Ratio Lower Upper

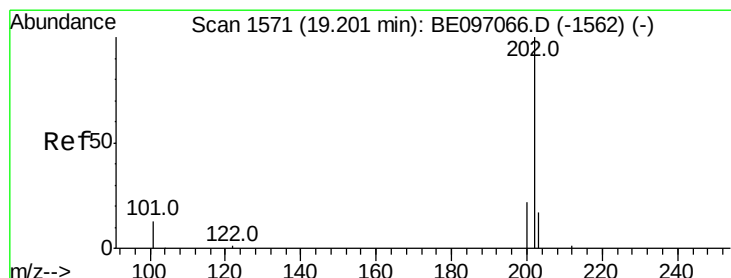
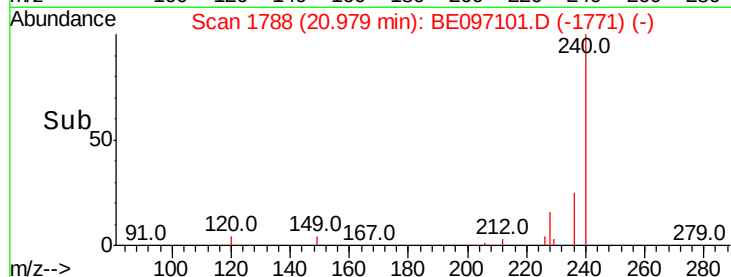
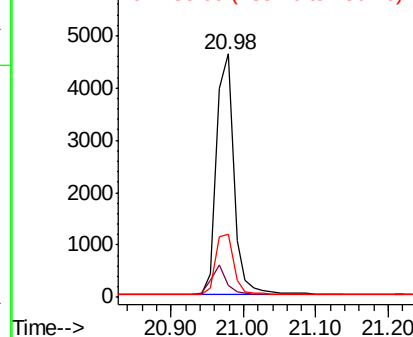
240 100

120 5.1 5.5 8.3#

236 26.0 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: 0.474 ng

RT: 19.20 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BE097101.D

Acq: 26 Jul 2018 12:44

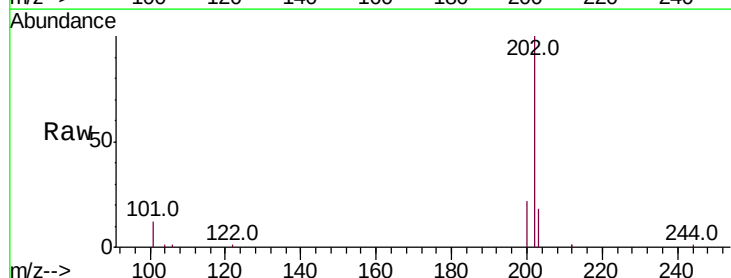
Tgt Ion:202 Resp: 10143

Ion Ratio Lower Upper

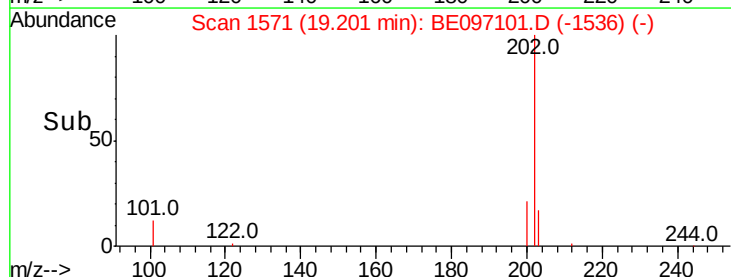
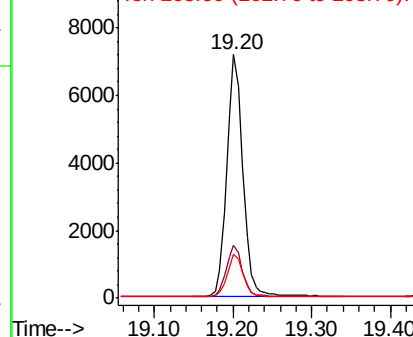
202 100

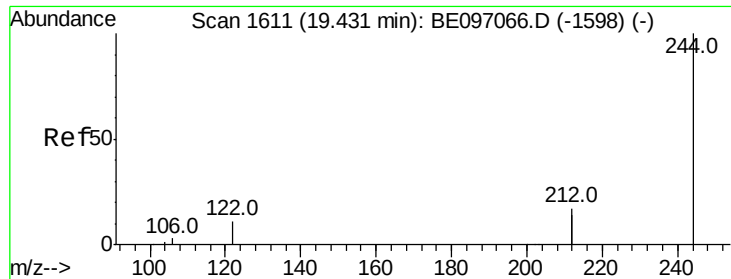
200 21.1 16.6 25.0

203 17.3 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

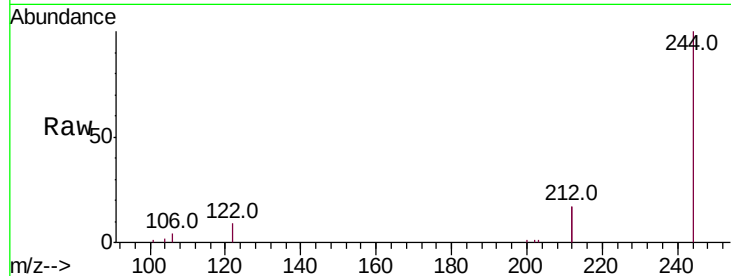




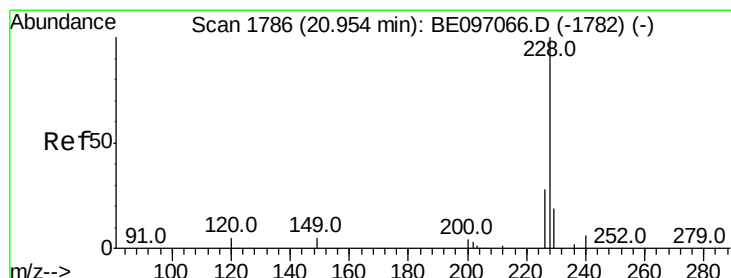
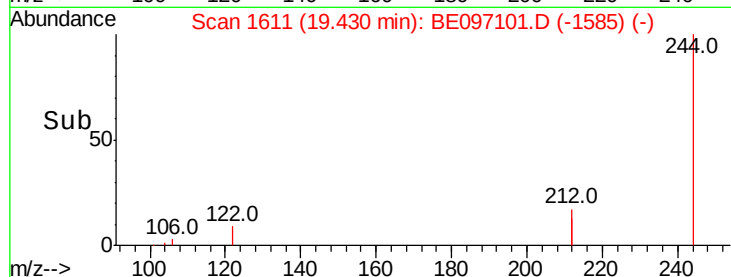
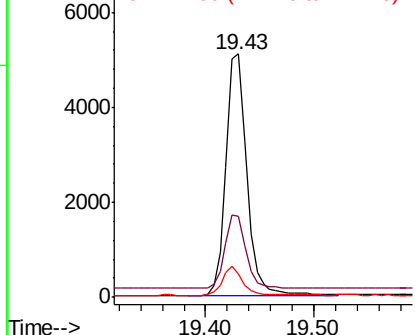
#29
 Terphenyl-d14
 Concen: 0.454 ng
 RT: 19.43 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BE097101.D
 Acq: 26 Jul 2018 12:44

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:244 Resp: 6803
 Ion Ratio Lower Upper
 244 100
 212 33.3 25.4 38.0
 122 9.4 8.1 12.1

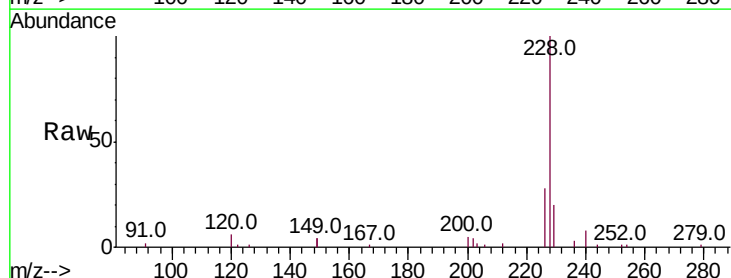


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

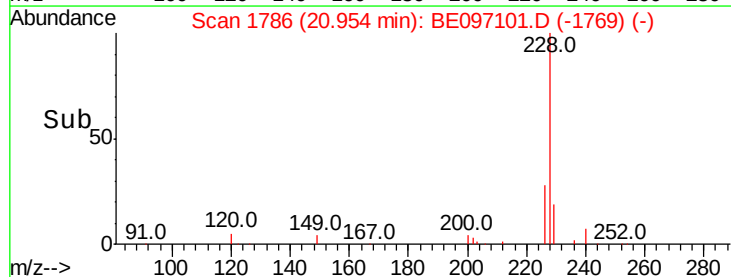
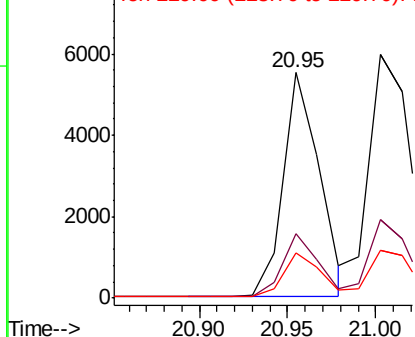


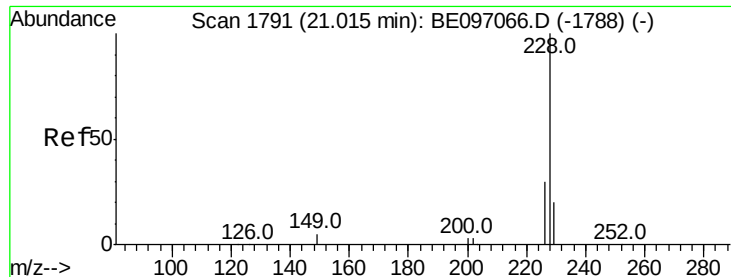
#30
 Benzo(a)anthracene
 Concen: 0.405 ng
 RT: 20.95 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BE097101.D
 Acq: 26 Jul 2018 12:44

Tgt Ion:228 Resp: 7868
 Ion Ratio Lower Upper
 228 100
 226 28.4 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: 0.465 ng

RT: 21.00 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BE097101.D

Acq: 26 Jul 2018 12:44

Instrument :

BNA_E

ClientSampleId :

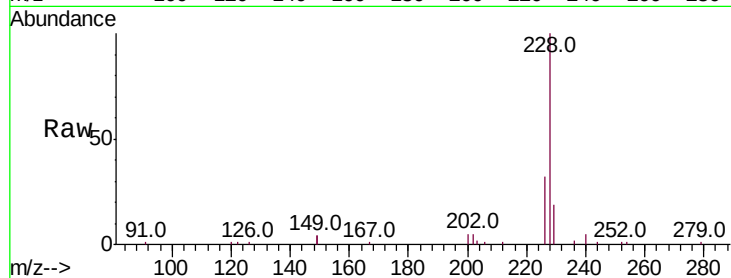
Tot Ion:228 Resp: 9685

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.0	36.0
229	19.5	16.0	24.0

228 100

226 32.4 24.0 36.0

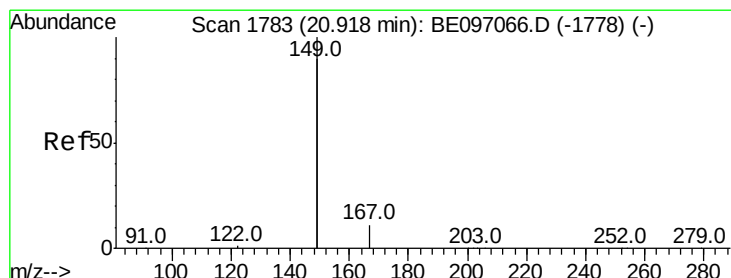
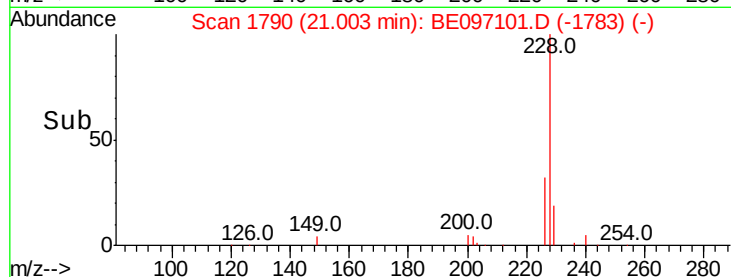
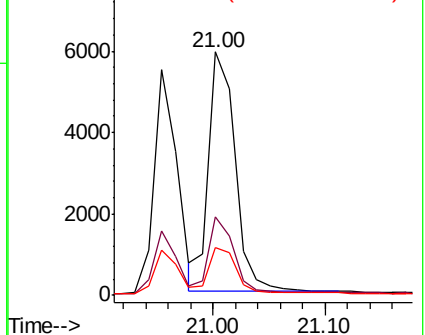
229 19.5 16.0 24.0



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: 0.360 ng

RT: 20.92 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BE097101.D

Acq: 26 Jul 2018 12:44

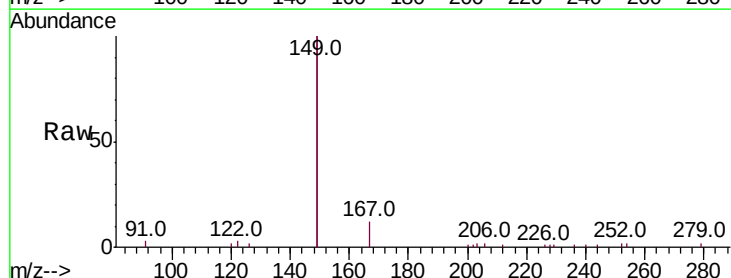
Tgt Ion:149 Resp: 7347

Ion	Ratio	Lower	Upper
149	100		
167	6.1	5.4	8.0
279	1.0	0.7	1.1

149 100

167 6.1 5.4 8.0

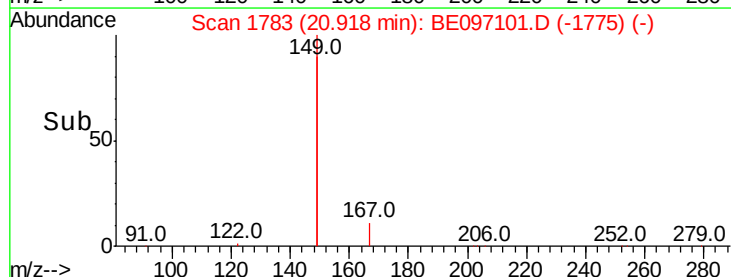
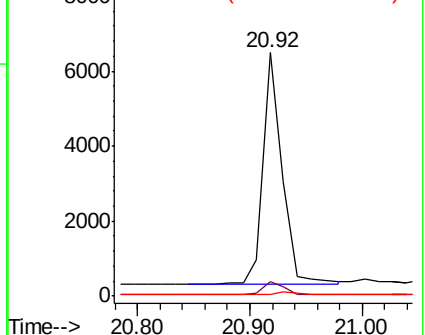
279 1.0 0.7 1.1

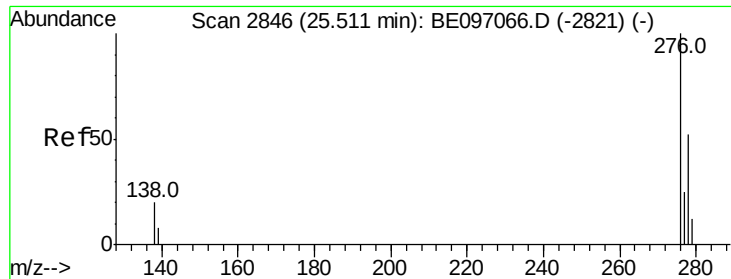


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

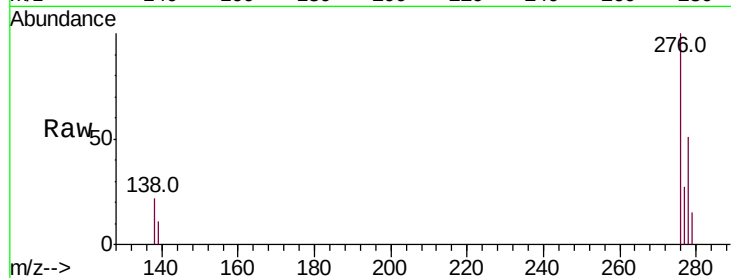




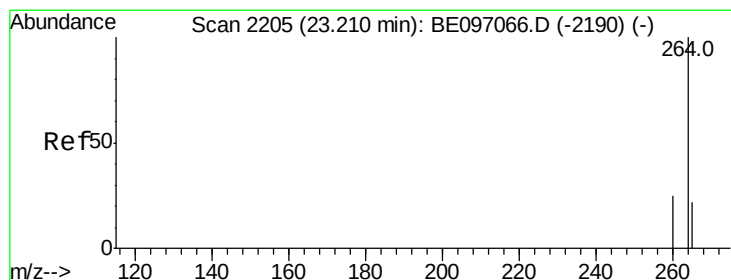
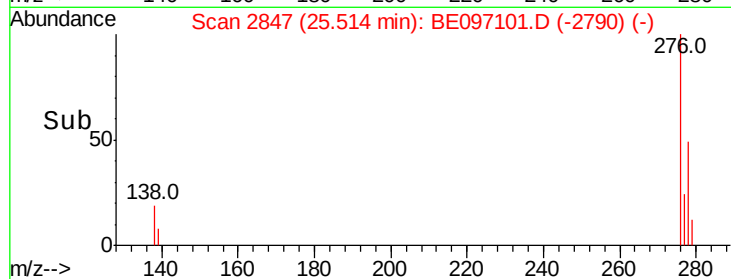
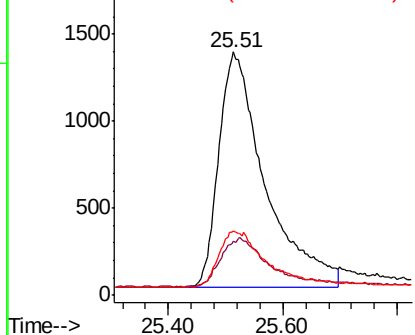
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.403 ng
 RT: 25.51 min Scan# 2847
 Delta R.T. 0.00 min
 Lab File: BE097101.D
 Acq: 26 Jul 2018 12:44

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 7605
 Ion Ratio Lower Upper
 276 100
 138 21.7 22.5 33.7#
 277 23.5 19.9 29.9

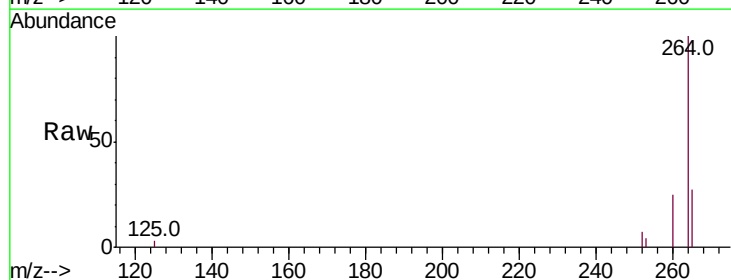


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

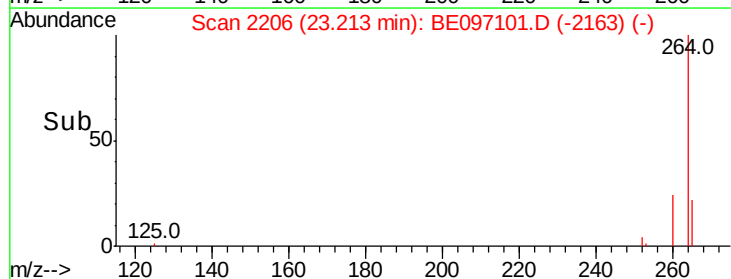
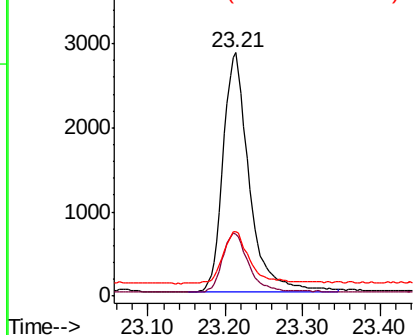


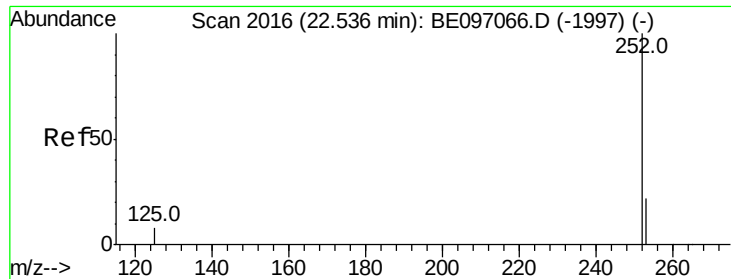
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE097101.D
 Acq: 26 Jul 2018 12:44

Tgt Ion:264 Resp: 6710
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.5 30.7
 265 26.7 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: 0.398 ng

RT: 22.54 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BE097101.D

Acq: 26 Jul 2018 12:44

Instrument :

BNA_E

ClientSampleId :

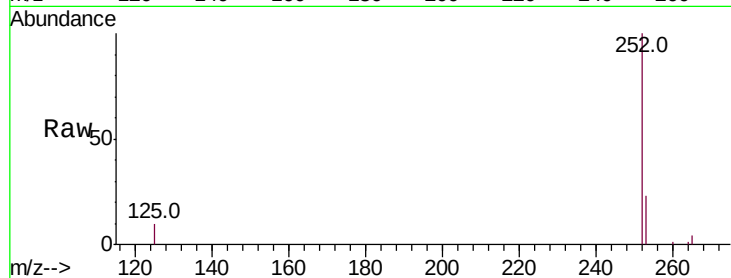
Tot Ion:252 Resp: 6770

Ion Ratio Lower Upper

252 100

253 22.8 20.0 30.0

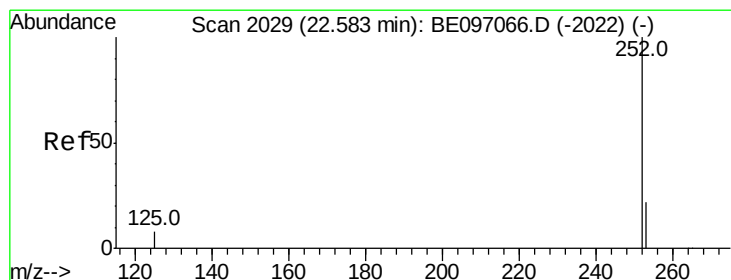
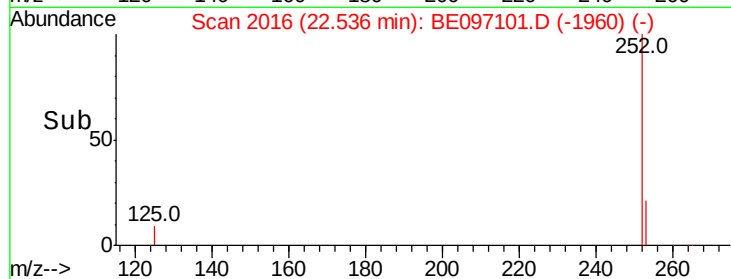
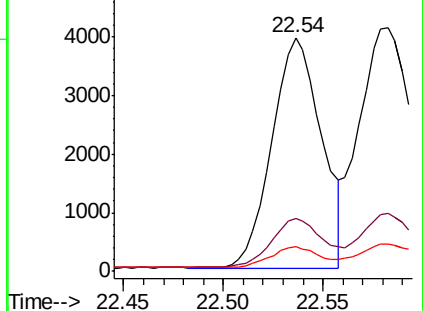
125 10.5 16.0 24.0#



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: 0.341 ng

RT: 22.54 min Scan# 2016

Delta R.T. -0.05 min

Lab File: BE097101.D

Acq: 26 Jul 2018 12:44

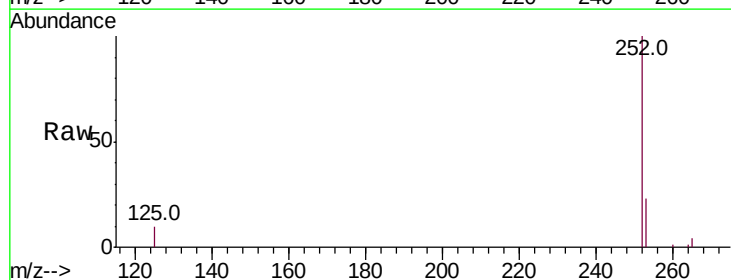
Tgt Ion:252 Resp: 6770

Ion Ratio Lower Upper

252 100

253 22.8 16.0 24.0

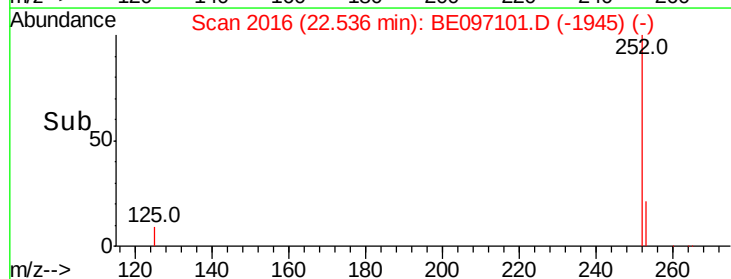
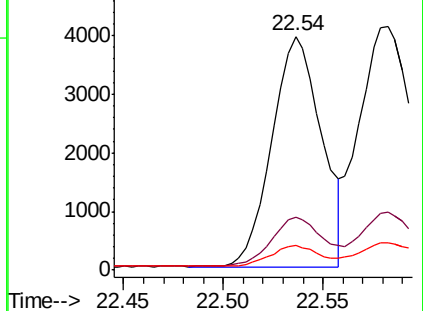
125 10.5 8.0 12.0

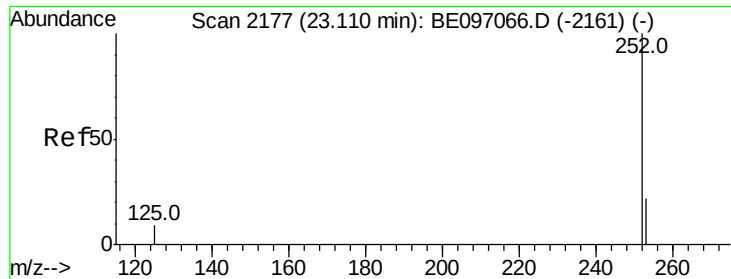


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.409 ng

RT: 23.11 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BE097101.D

Acq: 26 Jul 2018 12:44

Instrument :

BNA_E

ClientSampleId :

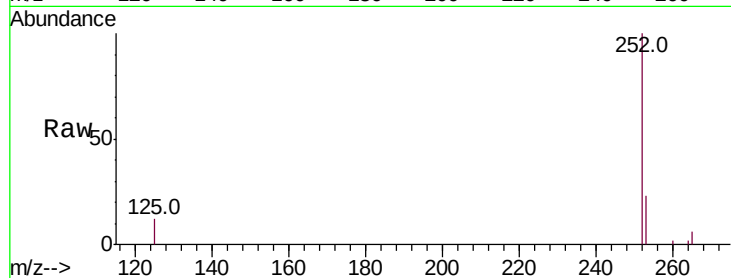
Tot Ion:252 Resp: 6554

Ion Ratio Lower Upper

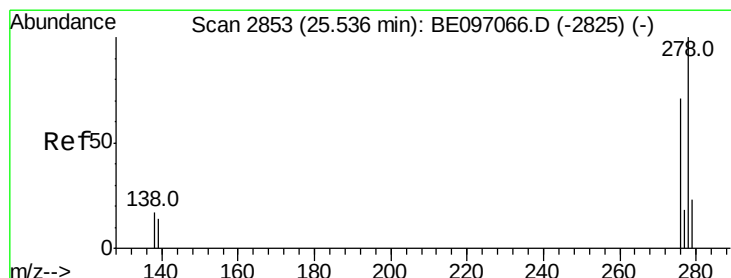
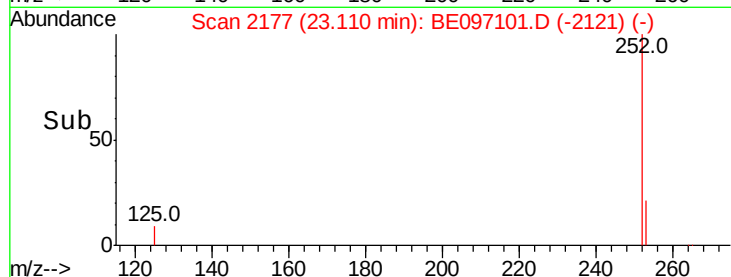
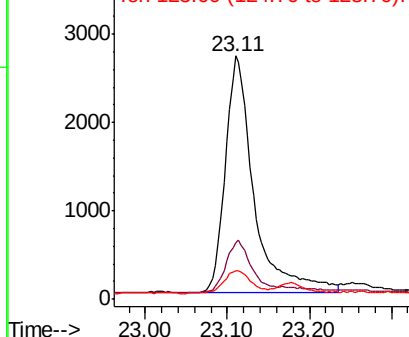
252 100

253 23.3 16.0 24.0

125 11.7 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: 0.388 ng

RT: 25.54 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BE097101.D

Acq: 26 Jul 2018 12:44

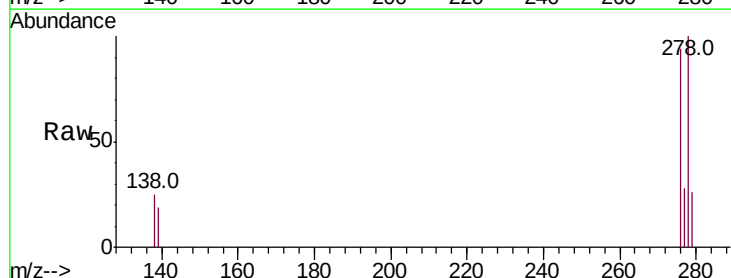
Tgt Ion:278 Resp: 6212

Ion Ratio Lower Upper

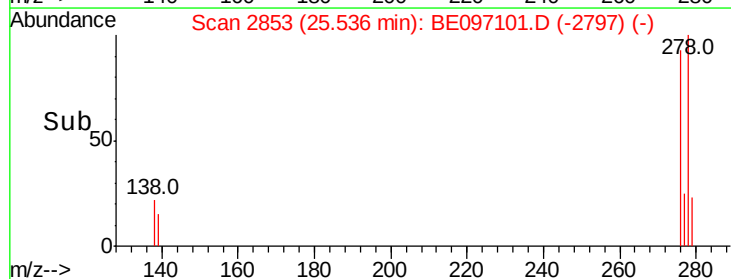
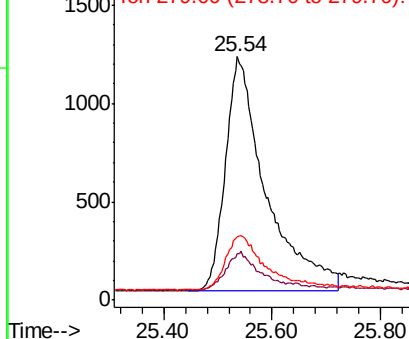
278 100

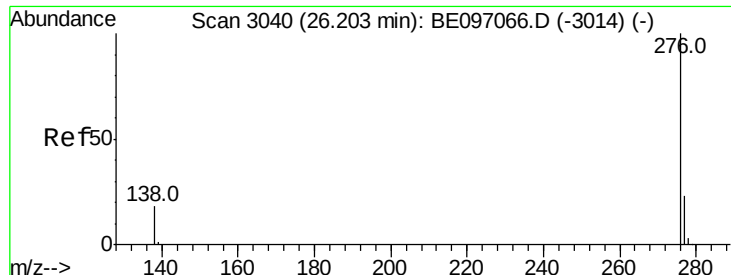
139 19.1 16.0 24.0

279 25.8 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: 0.400 ng

RT: 26.21 min Scan# 3041

Delta R.T. 0.00 min

Lab File: BE097101.D

Acq: 26 Jul 2018 12:44

Instrument :

BNA_E

ClientSampleId :

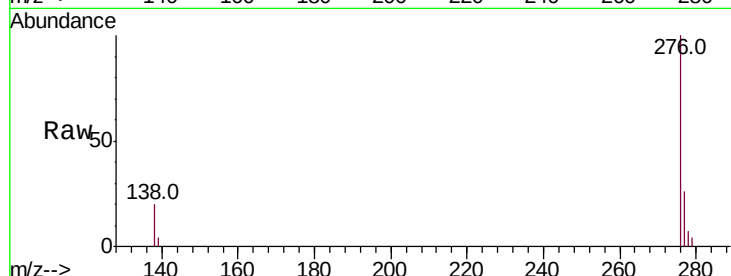
Tot Ion:276 Resp: 6781

Ion Ratio Lower Upper

276 100

277 26.2 16.0 24.0#

138 20.4 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

