

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
 Data File : BE097609.D
 Acq On : 21 Sep 2018 13:34
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 21 16:04:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 10:54:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	677	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3458	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2452	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	7572	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8400	0.40	ng	0.00
34) Perylene-d12	23.20	264	8067	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	732	0.36	ng	0.00
5) Phenol-d6	6.61	99	888	0.34	ng	0.00
8) Nitrobenzene-d5	8.53	82	909	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2054	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	425	0.45	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	3121	0.36	ng	0.00
25) Fluoranthene-d10	18.80	212	31442	0.32	ng	0.00
29) Terphenyl-d14	19.42	244	6252	0.41	ng	0.00

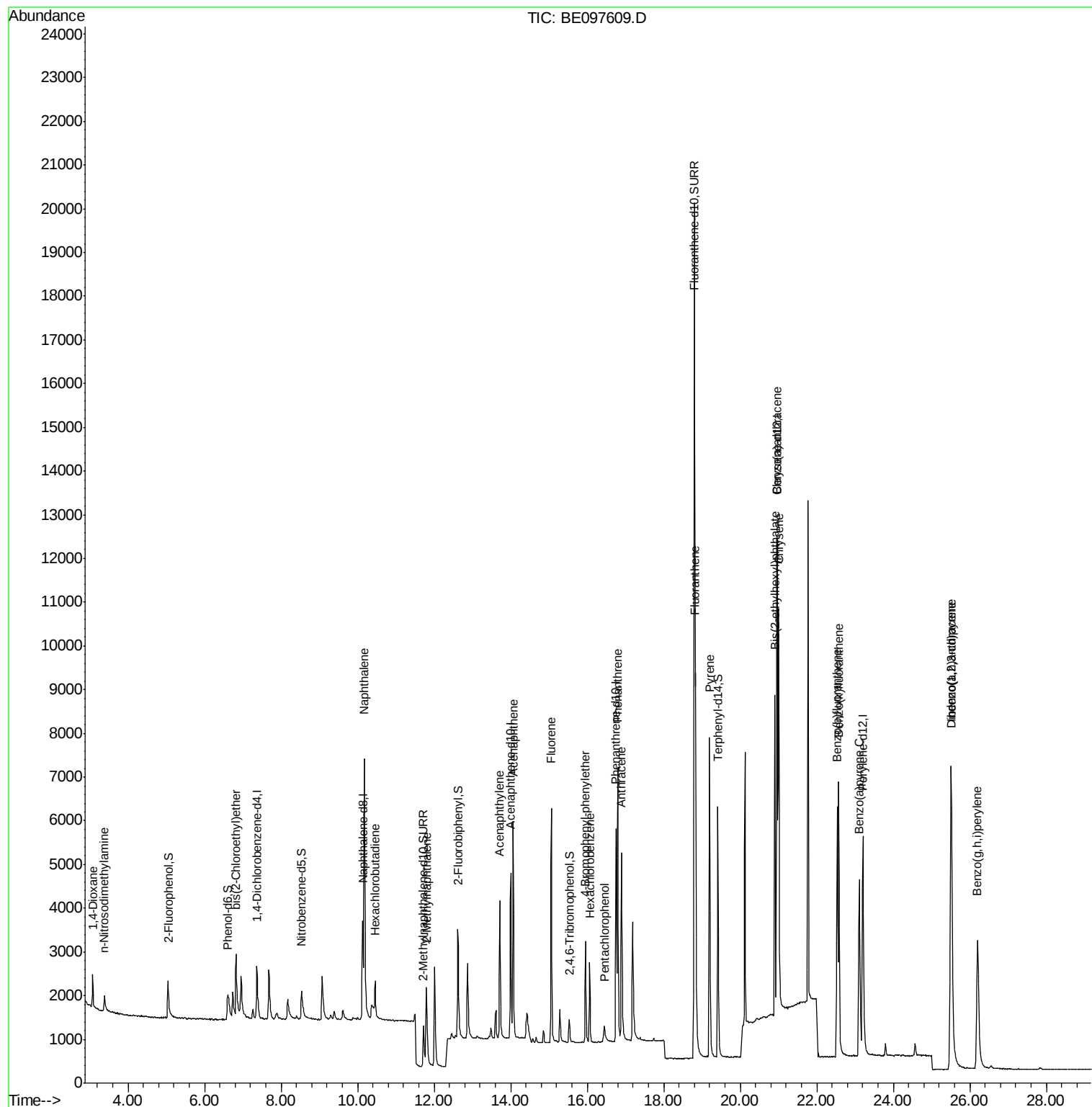
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.07	88	437	0.376	ng	# 86
3) n-Nitrosodimethylamine	3.37	42	299	0.308	ng	90
6) bis(2-Chloroethyl)ether	6.83	93	861	0.358	ng	76
9) Naphthalene	10.17	128	12442	0.400	ng	99
10) Hexachlorobutadiene	10.46	225	561	0.391	ng	99
12) 2-Methylnaphthalene	11.80	142	2043	0.420	ng	98
16) Acenaphthylene	13.72	152	3890	0.401	ng	99
17) Acenaphthene	14.06	154	2557	0.393	ng	95
18) Fluorene	15.06	166	3542	0.418	ng	# 79
20) 4-Bromophenyl-phenylether	15.96	248	1301	0.381	ng	# 86
21) Hexachlorobenzene	16.07	284	1516	0.404	ng	# 85
22) Pentachlorophenol	16.45	266	368	0.348	ng	# 77
23) Phenanthrene	16.80	178	7056	0.393	ng	99
24) Anthracene	16.89	178	5782	0.364	ng	95
26) Fluoranthene	18.83	202	8211	0.329	ng	98
28) Pyrene	19.20	202	8429	0.441	ng	100
30) Benzo(a)anthracene	20.96	228	7678	0.363	ng	96
31) Chrysene	21.00	228	9014	0.397	ng	99
32) Bis(2-ethylhexyl)phthalate	20.91	149	10431	0.304	ng	100
33) Indeno(1,2,3-cd)pyrene	25.50	276	10273	0.376	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	7682	0.371	ng	# 89
36) Benzo(k)fluoranthene	22.57	252	9366	0.397	ng	94
37) Benzo(a)pyrene	23.11	252	7727	0.386	ng	# 93
38) Dibenzo(a,h)anthracene	25.52	278	8494	0.392	ng	# 94
39) Benzo(g,h,i)perylene	26.20	276	8325	0.395	ng	# 89

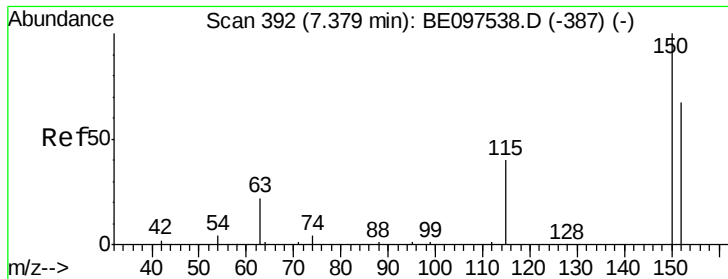
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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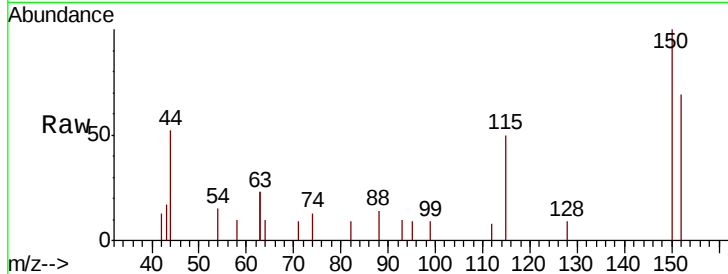


#1

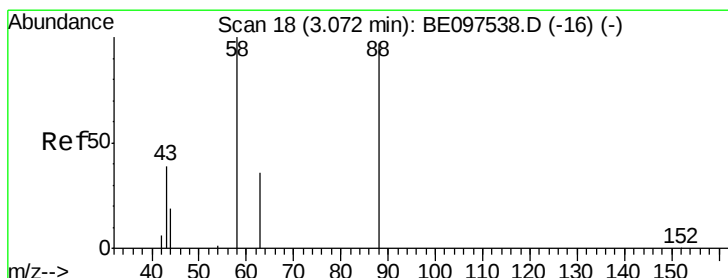
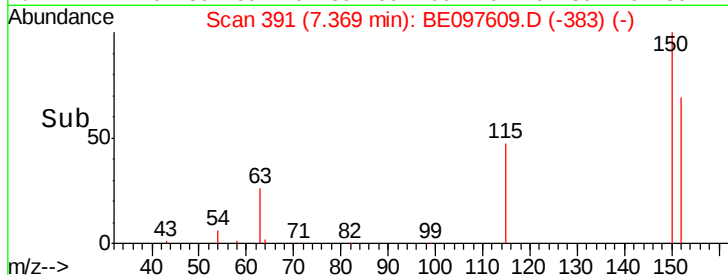
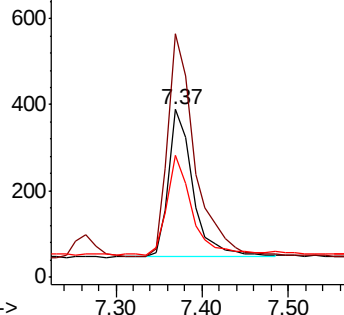
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 677
Ion Ratio Lower Upper
152 100
150 145.0 117.2 175.8
115 73.0 57.0 85.6



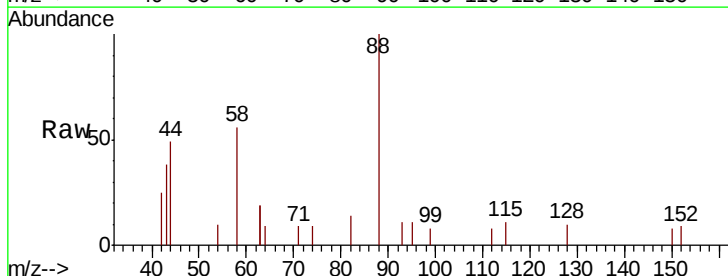
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



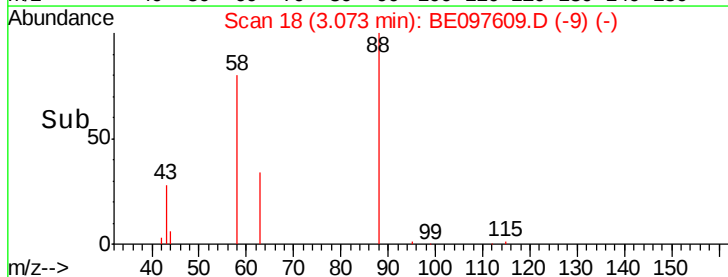
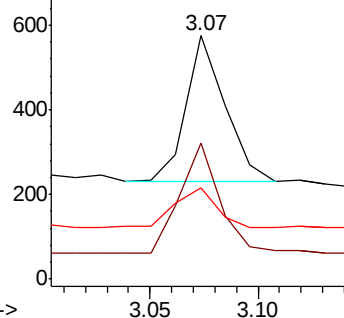
#2

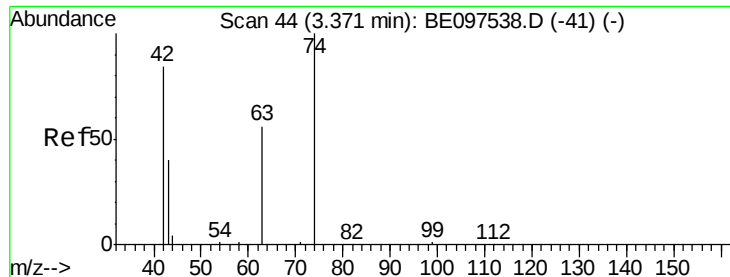
1,4-Dioxane
Concen: 0.376 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Tgt Ion: 88 Resp: 437
Ion Ratio Lower Upper
88 100
58 76.9 63.2 94.8
43 28.8 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



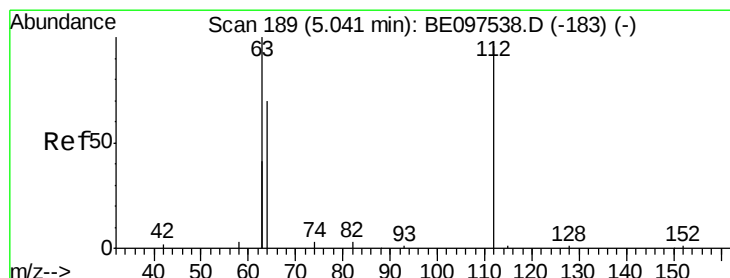
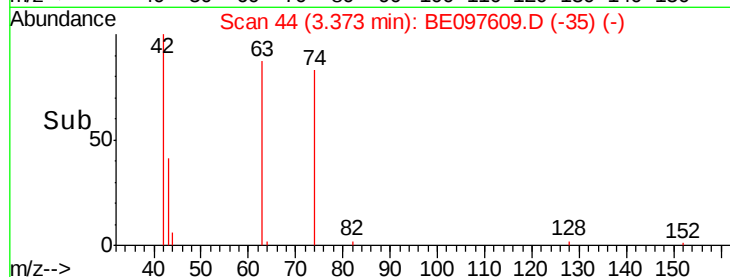
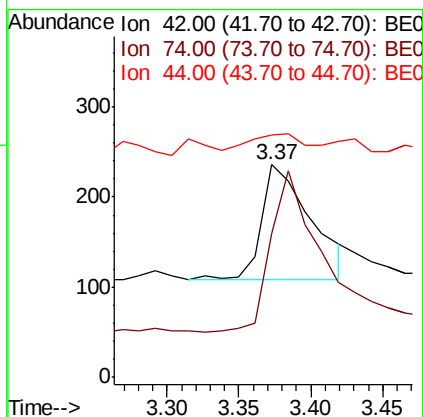
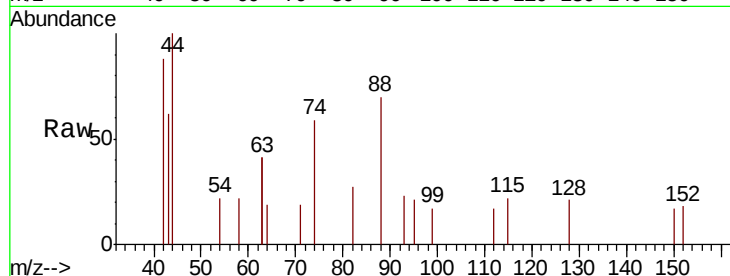


#3

n-Nitrosodimethylamine
 Concen: 0.308 ng
 RT: 3.37 min Scan# 44
 Delta R.T. 0.00 min
 Lab File: BE097609.D
 Acq: 21 Sep 2018 13:34

Instrument :
 BNA_E
 ClientSampleId :

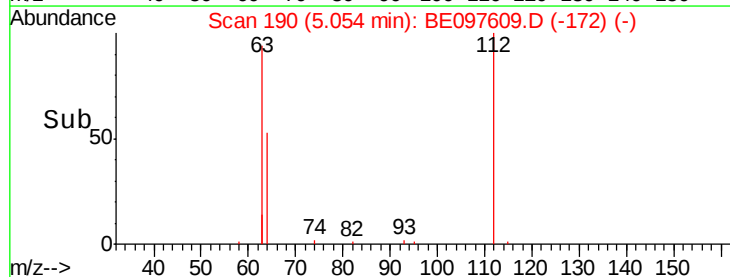
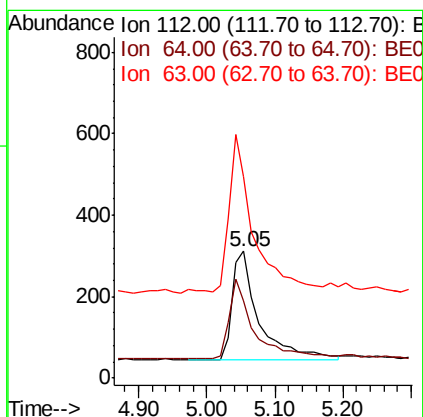
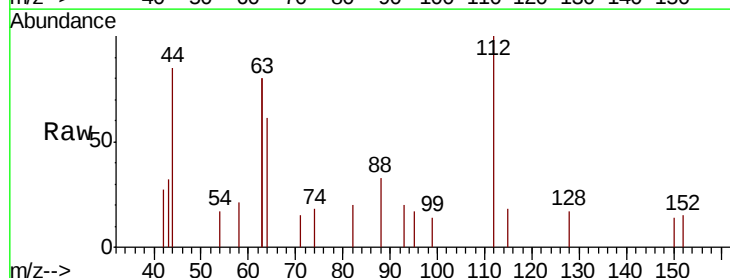
Tot Ion: 42 Resp: 299
 Ion Ratio Lower Upper
 42 100
 74 131.8 96.0 144.0
 44 16.4 12.0 18.0

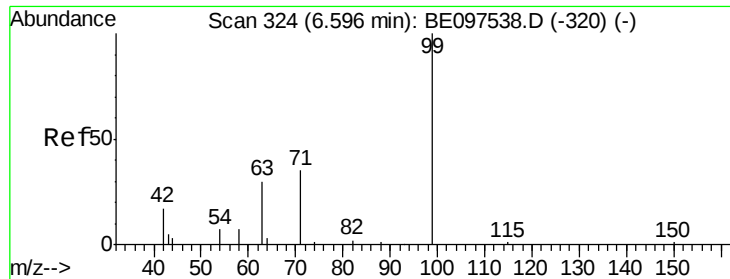


#4

2-Fluorophenol
 Concen: 0.361 ng
 RT: 5.05 min Scan# 190
 Delta R.T. 0.00 min
 Lab File: BE097609.D
 Acq: 21 Sep 2018 13:34

Tgt Ion: 112 Resp: 732
 Ion Ratio Lower Upper
 112 100
 64 67.6 60.1 90.1
 63 130.6 116.8 175.2





#5

Phenol-d6

Concen: 0.342 ng

RT: 6.61 min Scan# 325

Delta R.T. 0.00 min

Lab File: BE097609.D

Acq: 21 Sep 2018 13:34

Instrument :

BNA_E

ClientSampleId :

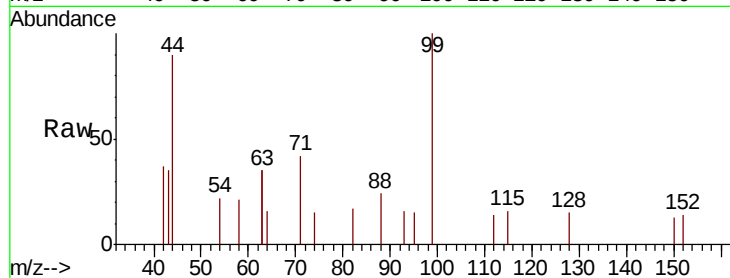
Tot Ion: 99 Resp: 888

Ion Ratio Lower Upper

99 100

42 23.1 20.2 30.2

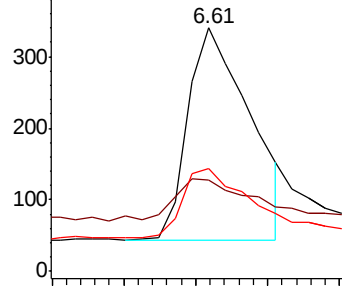
71 33.1 28.4 42.6



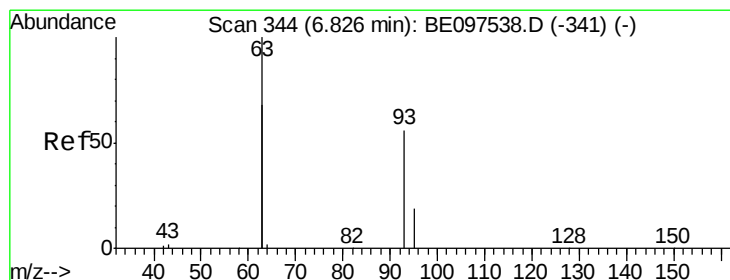
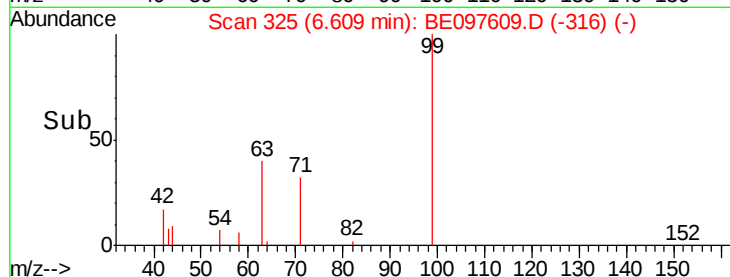
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.50 6.55 6.60 6.65



#6

bis(2-Chloroethyl)ether

Concen: 0.358 ng

RT: 6.83 min Scan# 344

Delta R.T. 0.00 min

Lab File: BE097609.D

Acq: 21 Sep 2018 13:34

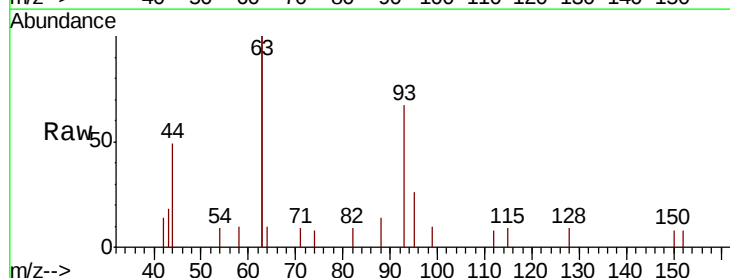
Tgt Ion: 93 Resp: 861

Ion Ratio Lower Upper

93 100

63 289.5 275.3 412.9

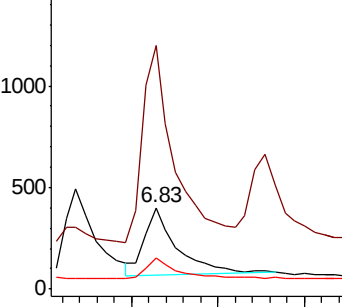
95 30.1 25.2 37.8



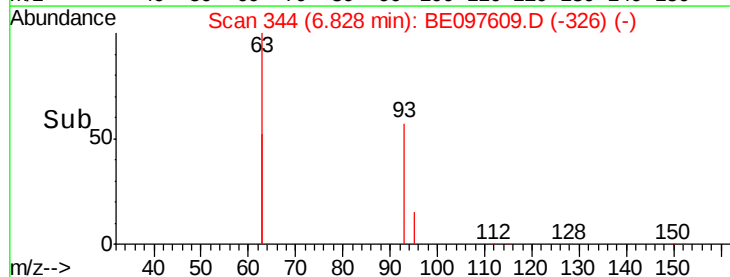
Abundance Ion 93.00 (92.70 to 93.70): BE0

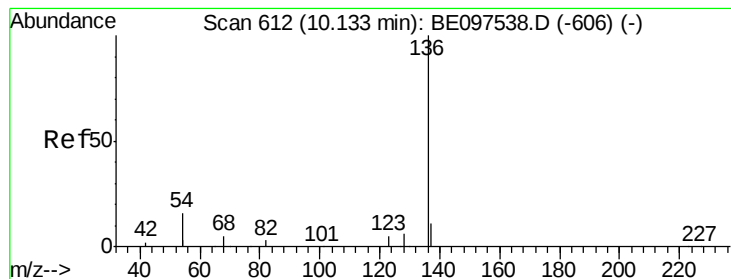
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time--> 6.80 6.90 7.00





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097609.D

Acq: 21 Sep 2018 13:34

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3458

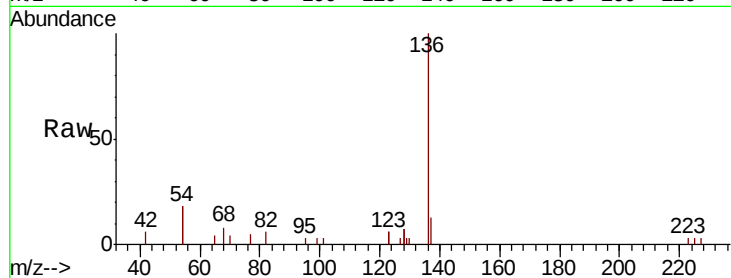
Ion Ratio Lower Upper

136 100

137 13.0 9.5 14.3

54 36.3 29.1 43.7

68 8.4 6.2 9.2

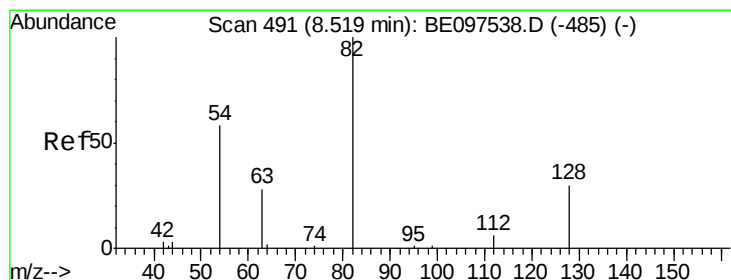
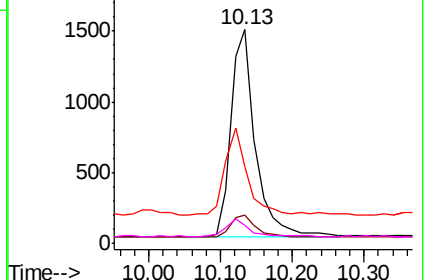
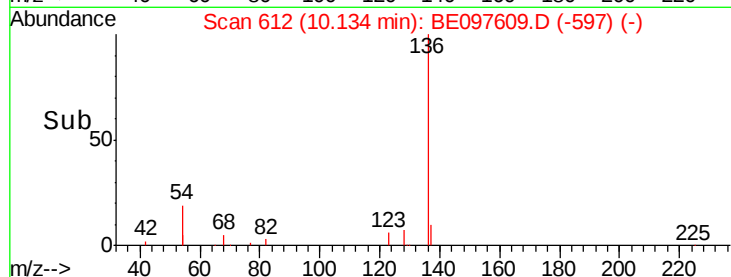


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.340 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE097609.D

Acq: 21 Sep 2018 13:34

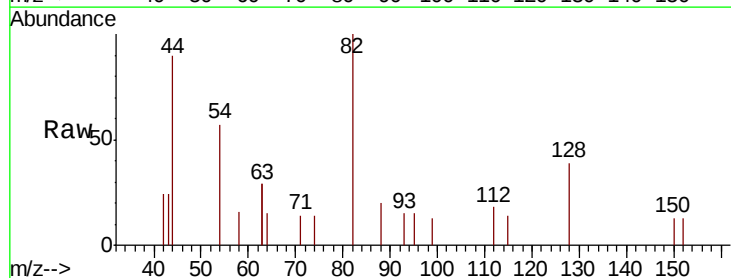
Tgt Ion: 82 Resp: 909

Ion Ratio Lower Upper

82 100

128 39.4 24.0 36.0#

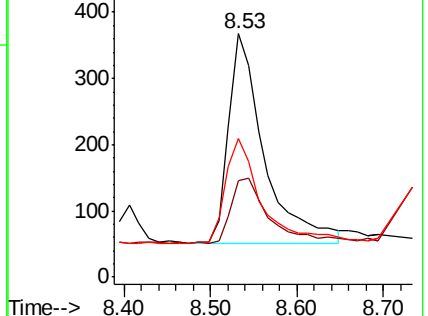
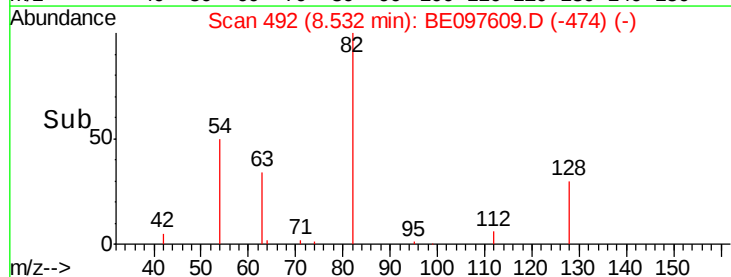
54 56.8 40.0 60.0

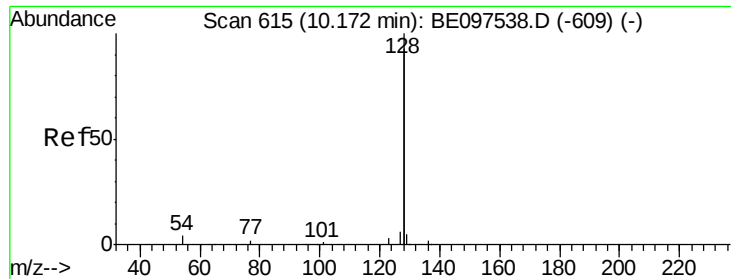


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.400 ng

RT: 10.17 min Scan# 615

Delta R.T. 0.00 min

Lab File: BE097609.D

Acq: 21 Sep 2018 13:34

Instrument :

BNA_E

ClientSampleId :

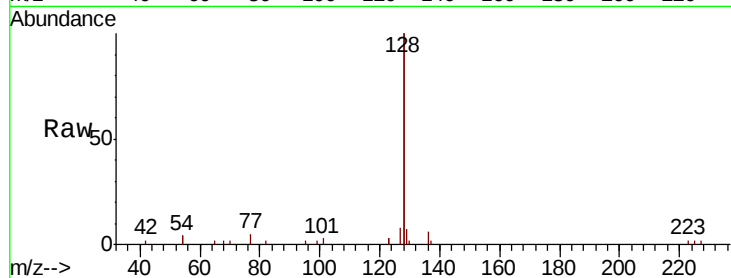
Tot Ion:128 Resp: 12442

Ion Ratio Lower Upper

128 100

129 3.5 2.6 3.8

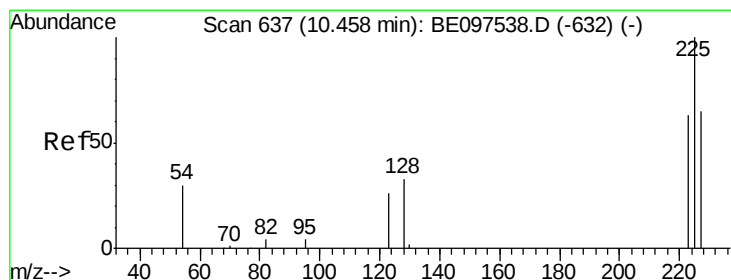
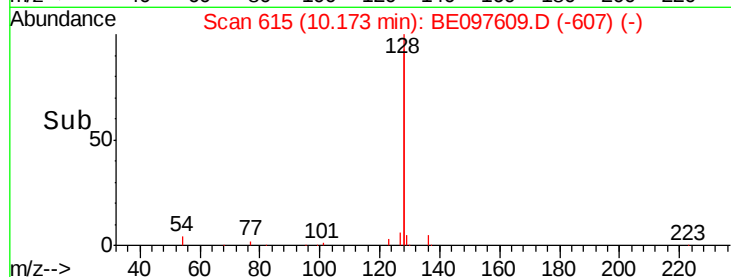
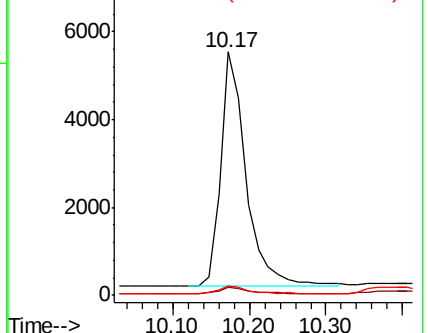
127 3.9 2.8 4.2



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: 0.391 ng

RT: 10.46 min Scan# 637

Delta R.T. 0.00 min

Lab File: BE097609.D

Acq: 21 Sep 2018 13:34

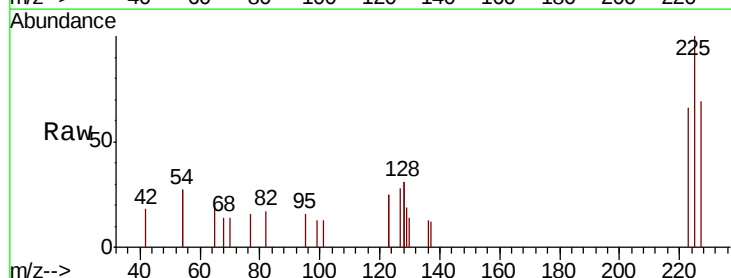
Tgt Ion:225 Resp: 561

Ion Ratio Lower Upper

225 100

223 64.9 53.0 79.6

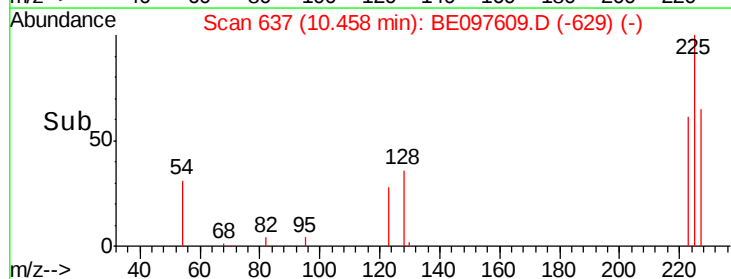
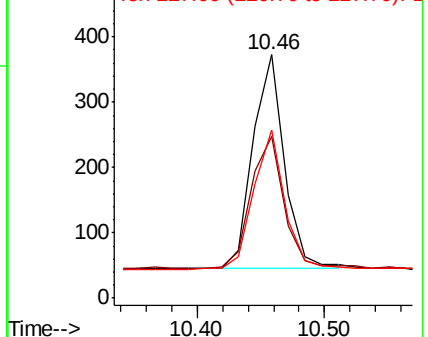
227 64.2 51.4 77.2

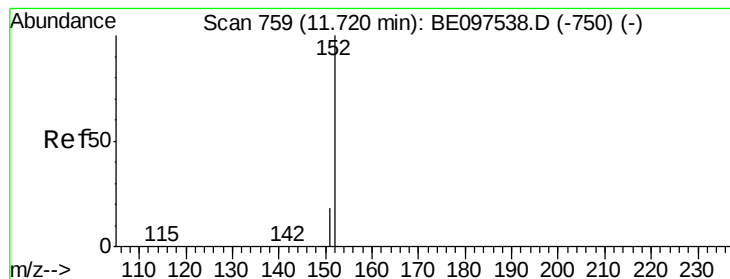


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.431 ng

RT: 11.72 min Scan# 759

Delta R.T. 0.01 min

Lab File: BE097609.D

Acq: 21 Sep 2018 13:34

Instrument :

BNA_E

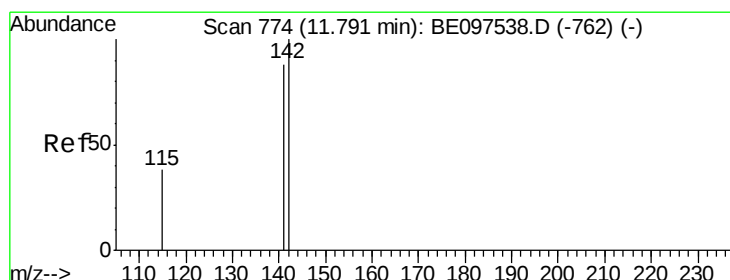
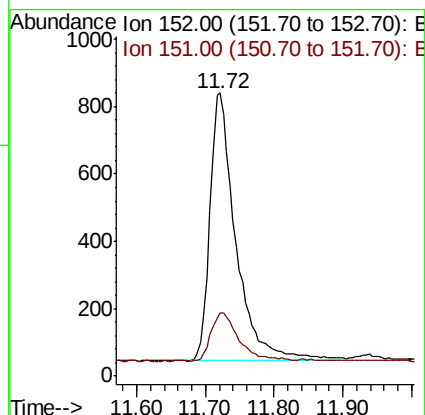
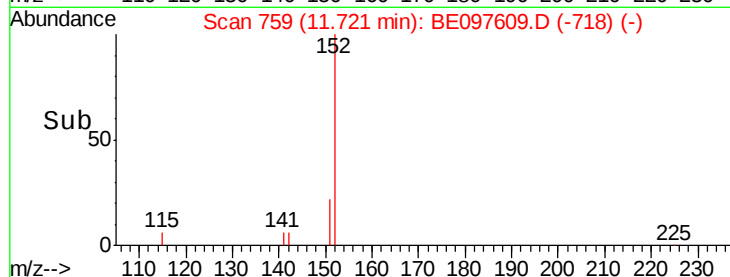
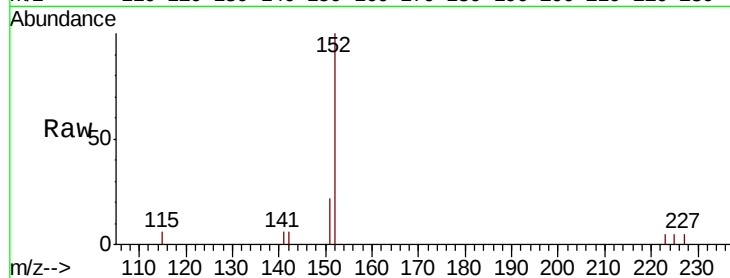
ClientSampled :

Tot Ion:152 Resp: 2054

Ion Ratio Lower Upper

152 100

151 18.3 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.420 ng

RT: 11.80 min Scan# 775

Delta R.T. 0.01 min

Lab File: BE097609.D

Acq: 21 Sep 2018 13:34

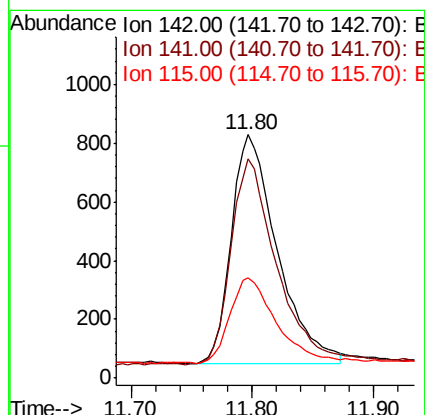
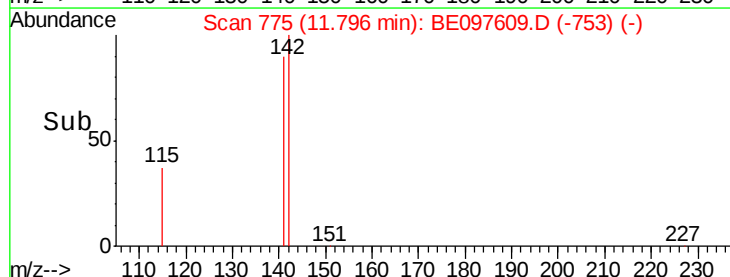
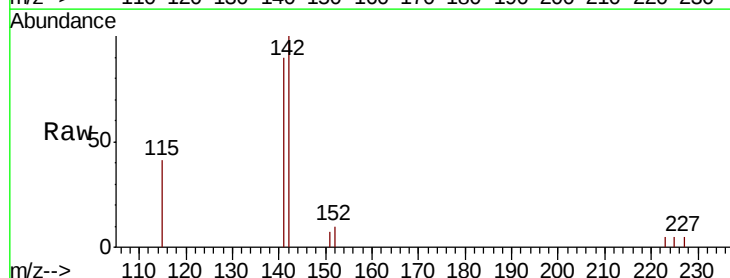
Tgt Ion:142 Resp: 2043

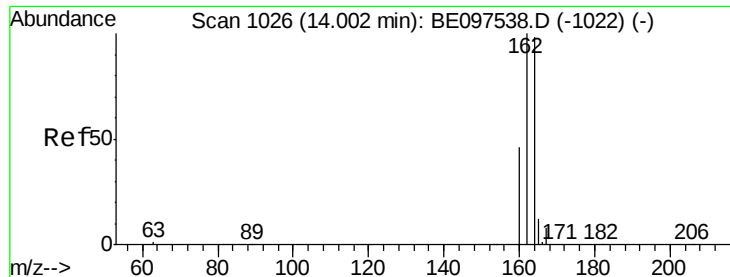
Ion Ratio Lower Upper

142 100

141 90.3 70.4 105.6

115 41.0 31.7 47.5

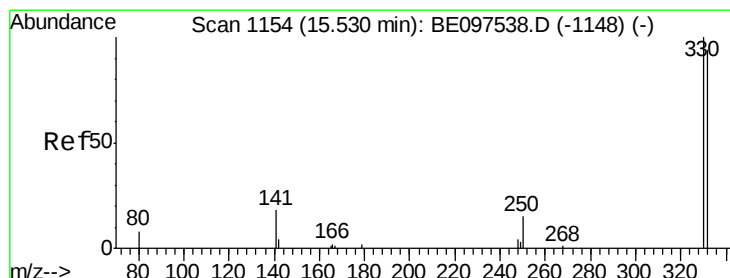
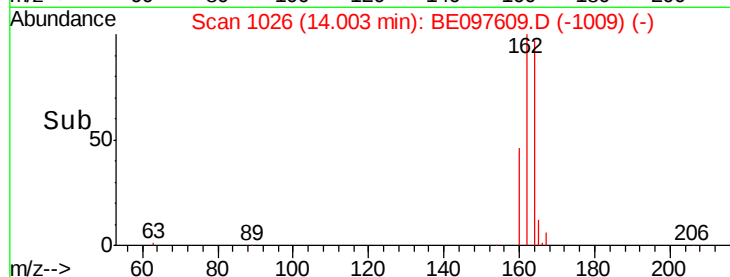
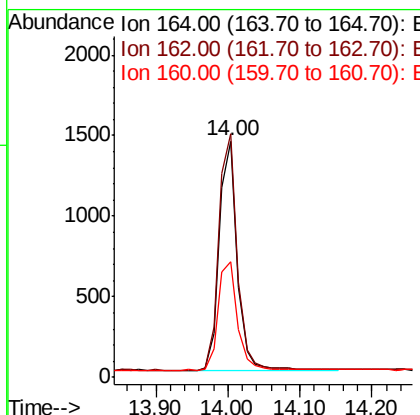
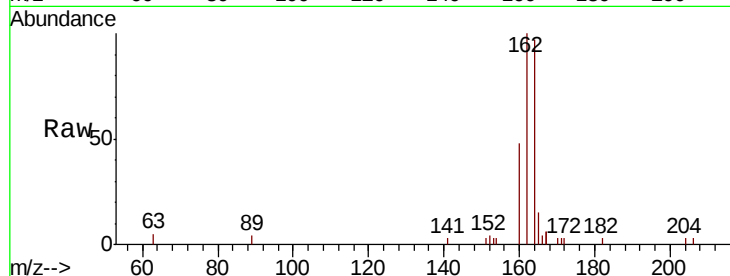




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

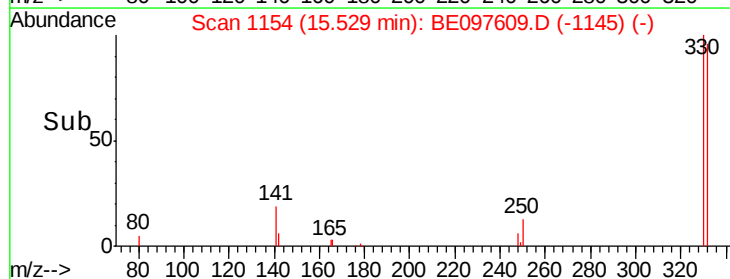
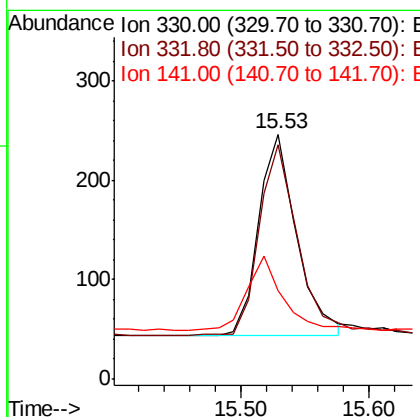
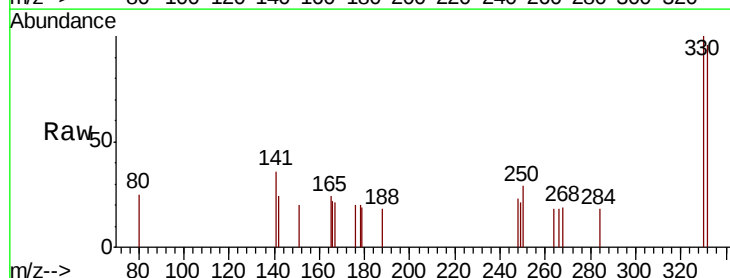
Instrument :
BNA_E
ClientSampleId :

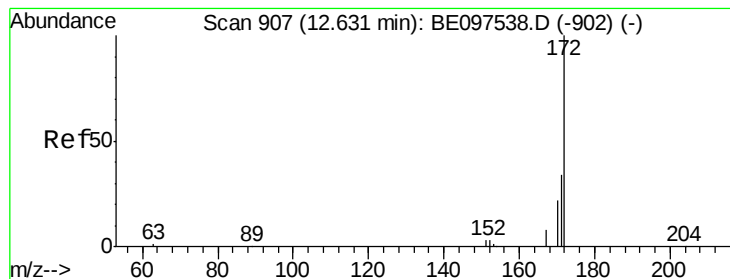
Tot Ion:164 Resp: 2452
Ion Ratio Lower Upper
164 100
162 103.1 83.1 124.7
160 49.1 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.448 ng
RT: 15.53 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Tgt Ion:330 Resp: 425
Ion Ratio Lower Upper
330 100
332 94.4 152.7 229.1#
141 35.1 33.7 50.5

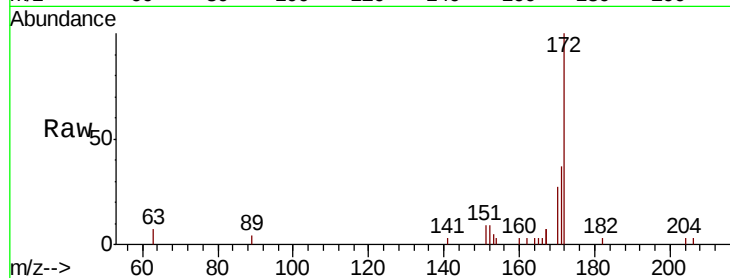




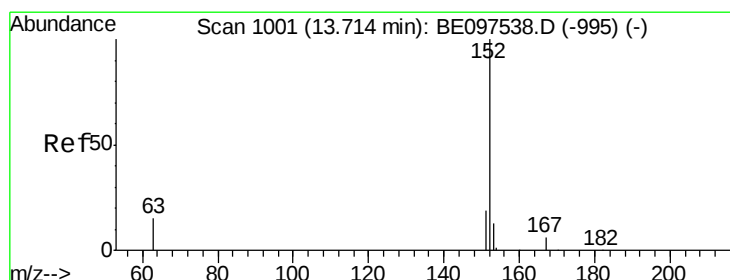
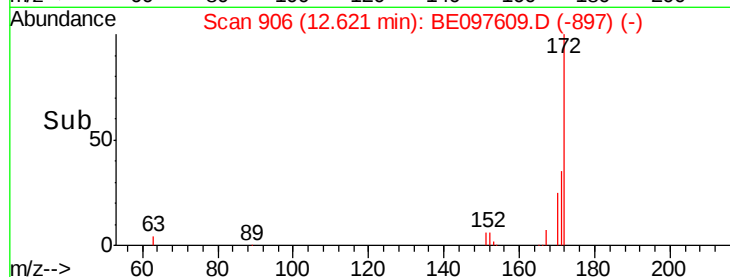
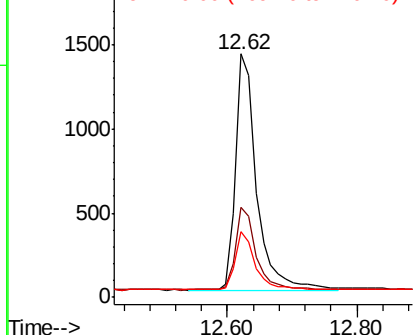
#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 12.62 min Scan# 906
Delta R.T. 0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 3121
Ion Ratio Lower Upper
172 100
171 37.1 29.9 44.9
170 26.9 21.8 32.8

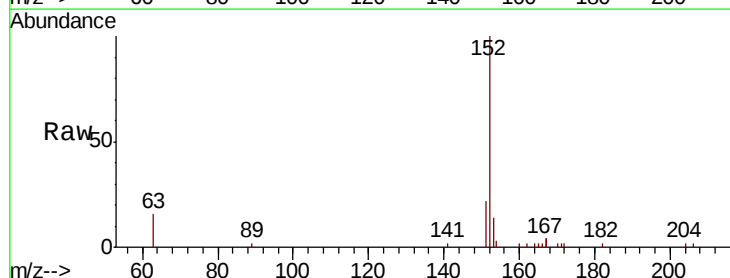


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

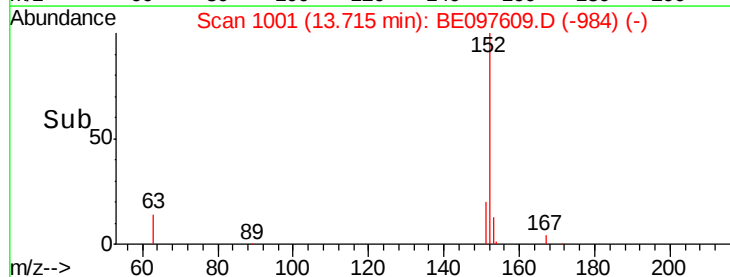
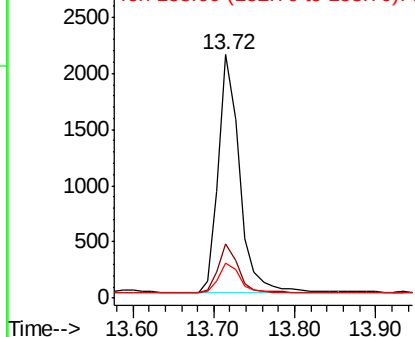


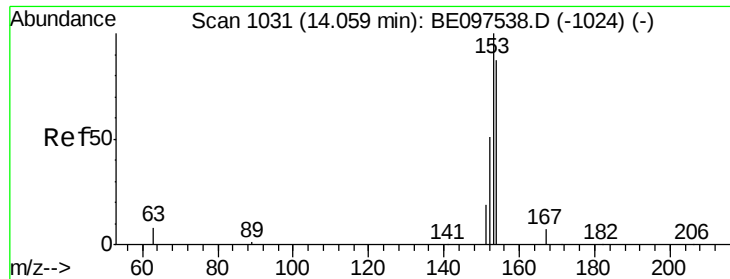
#16
Acenaphthylene
Concen: 0.401 ng
RT: 13.72 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Tgt Ion:152 Resp: 3890
Ion Ratio Lower Upper
152 100
151 20.0 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

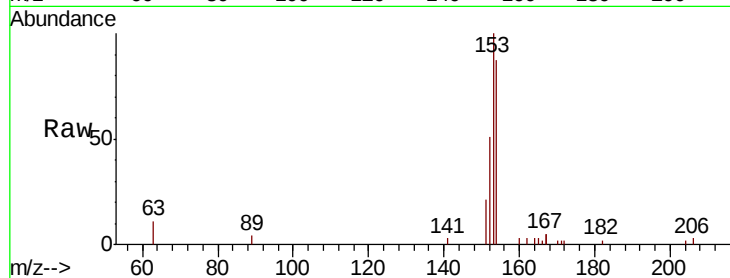




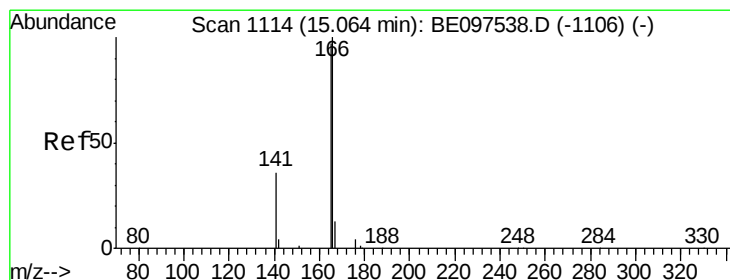
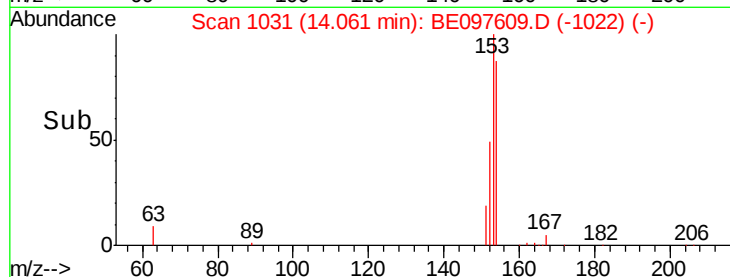
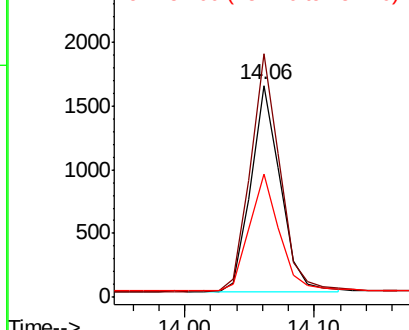
#17
Acenaphthene
Concen: 0.393 ng
RT: 14.06 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Instrument :
BNA_E
ClientSampled :

Tot Ion:154 Resp: 2557
Ion Ratio Lower Upper
154 100
153 115.6 89.2 133.8
152 57.8 42.0 63.0

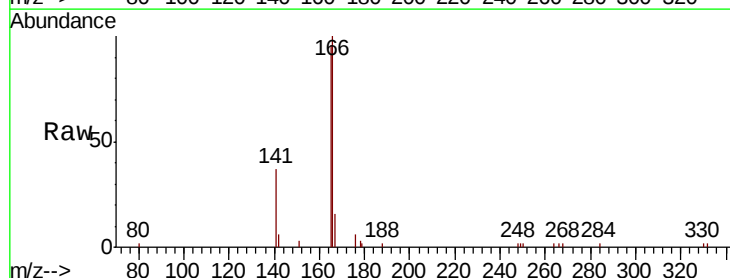


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

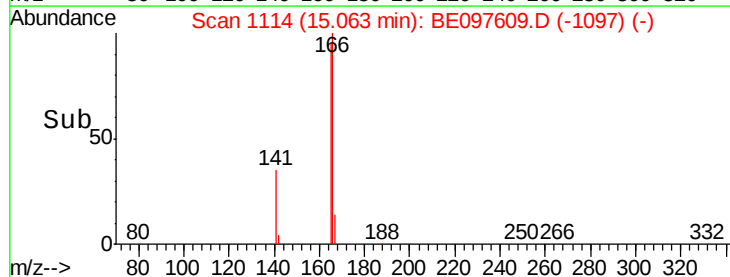
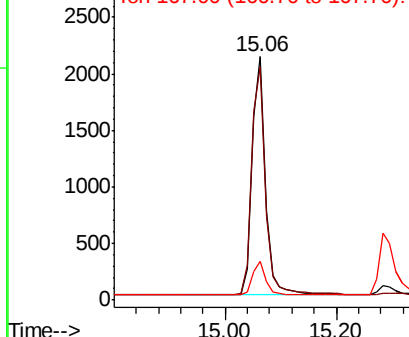


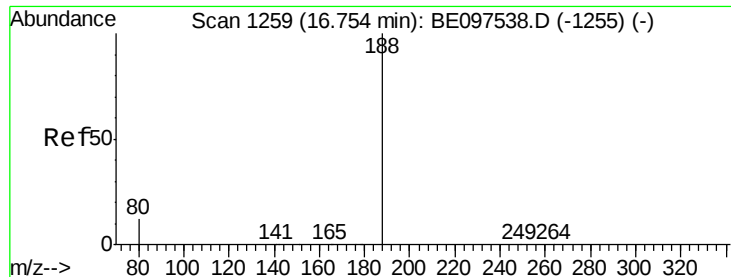
#18
Fluorene
Concen: 0.418 ng
RT: 15.06 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Tgt Ion:166 Resp: 3542
Ion Ratio Lower Upper
166 100
165 98.8 77.8 116.6
167 13.9 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: 16.75 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BE097609.D

Acq: 21 Sep 2018 13:34

Instrument :

BNA_E

ClientSampled :

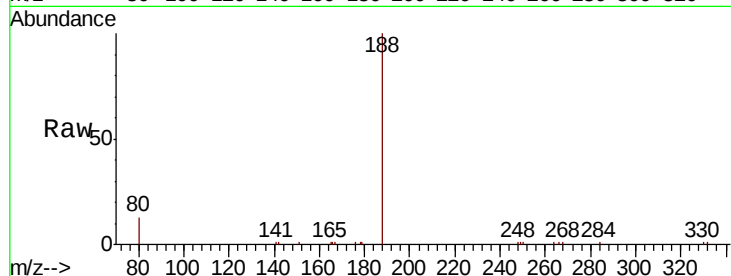
Tot Ion:188 Resp: 7572

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

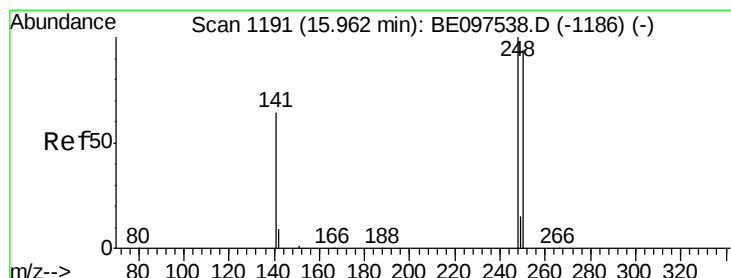
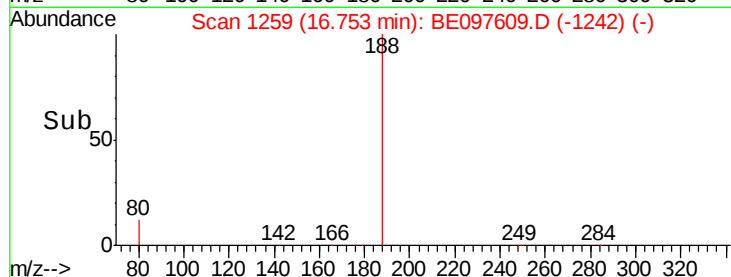
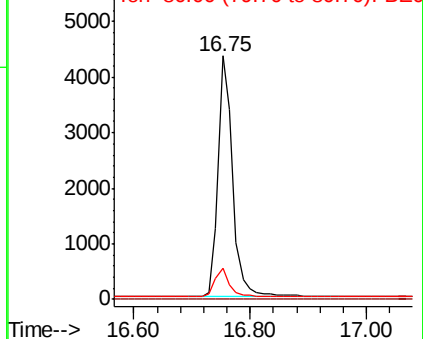
80 12.9 3.6 5.4#



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: 0.381 ng

RT: 15.96 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BE097609.D

Acq: 21 Sep 2018 13:34

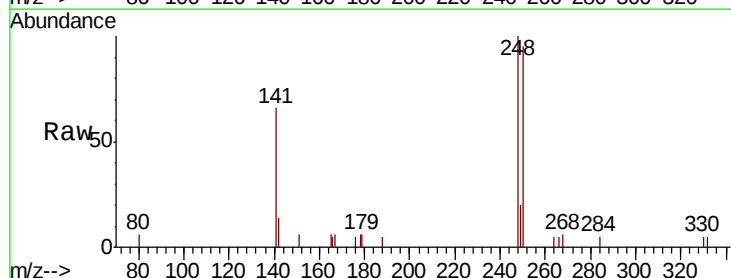
Tgt Ion:248 Resp: 1301

Ion Ratio Lower Upper

248 100

250 95.1 62.7 94.1#

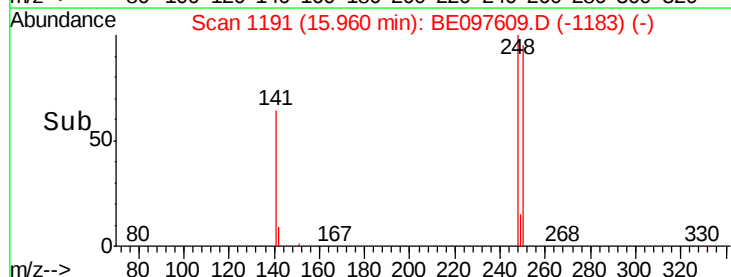
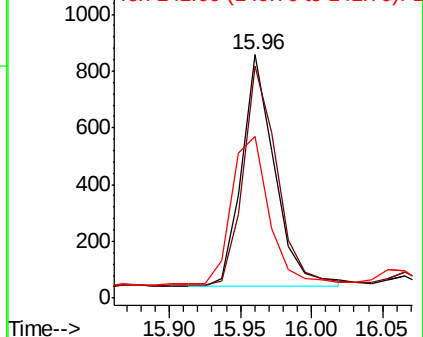
141 66.4 48.2 72.2

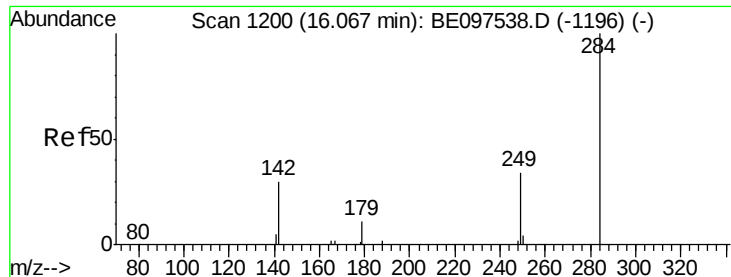


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.404 ng

RT: 16.07 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BE097609.D

Acq: 21 Sep 2018 13:34

Instrument :

BNA_E

ClientSampled :

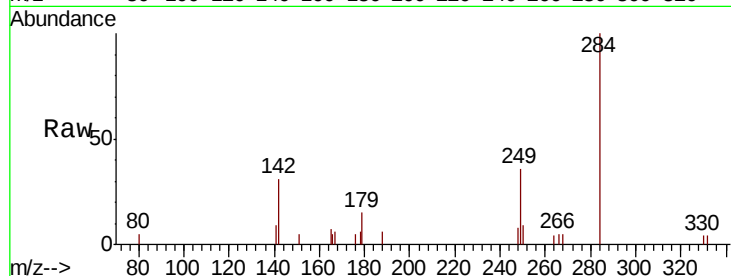
Tot Ion:284 Resp: 1516

Ion Ratio Lower Upper

284 100

142 32.1 22.1 33.1

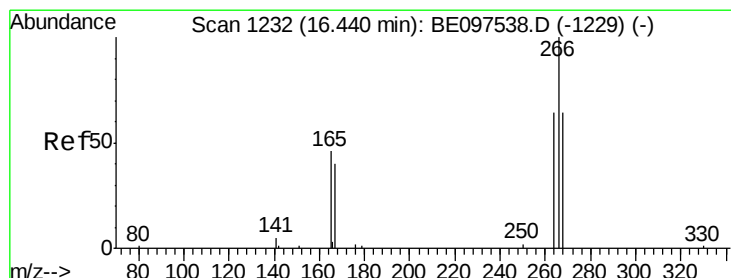
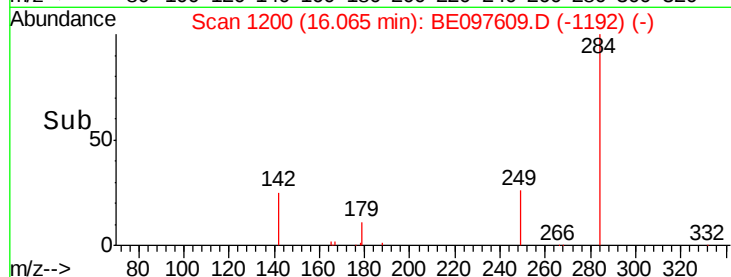
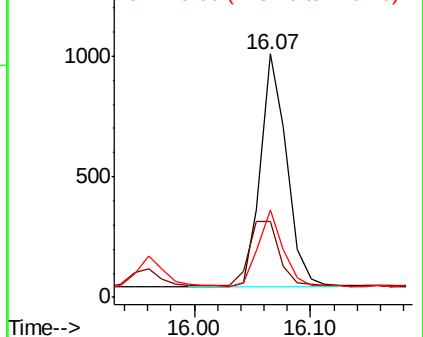
249 30.9 34.8 52.2#



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: 0.348 ng

RT: 16.45 min Scan# 1233

Delta R.T. 0.01 min

Lab File: BE097609.D

Acq: 21 Sep 2018 13:34

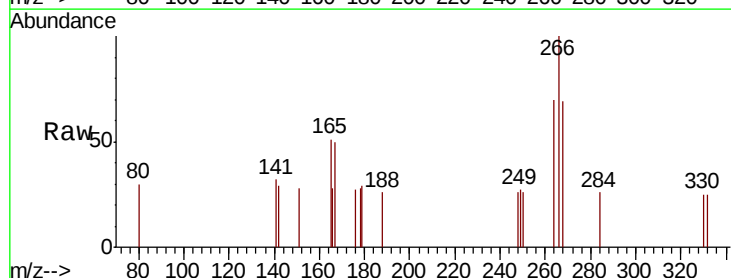
Tgt Ion:266 Resp: 368

Ion Ratio Lower Upper

266 100

264 69.5 72.5 108.7#

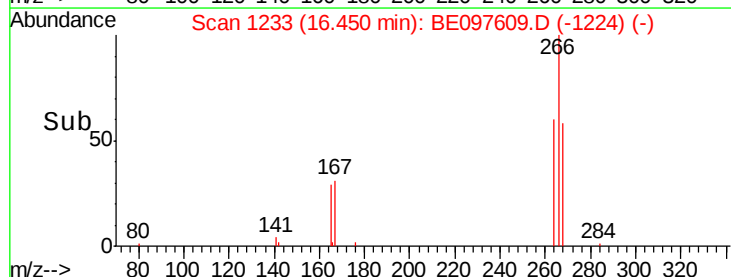
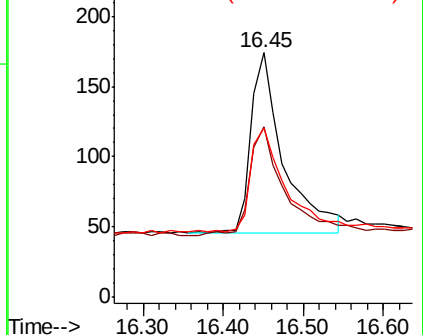
268 69.0 73.8 110.6#

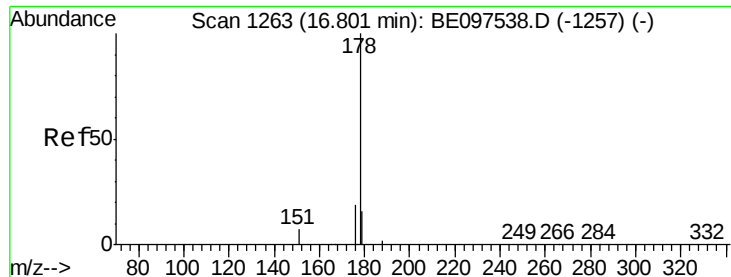


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.393 ng

RT: 16.80 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BE097609.D

Acq: 21 Sep 2018 13:34

Instrument :

BNA_E

ClientSampled :

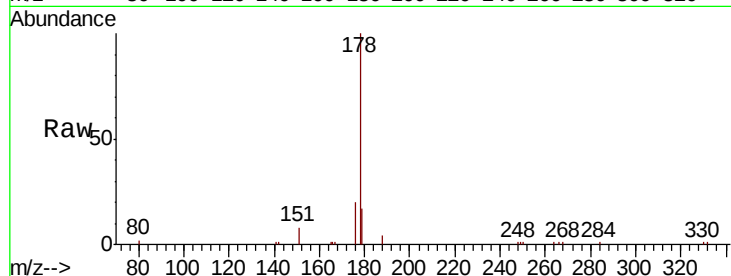
Tot Ion:178 Resp: 7056

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

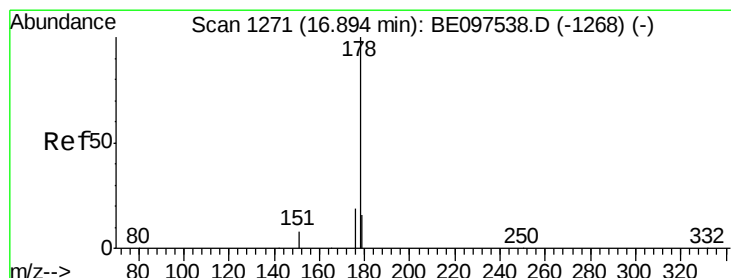
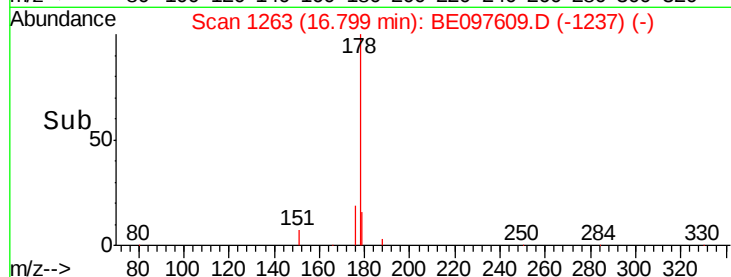
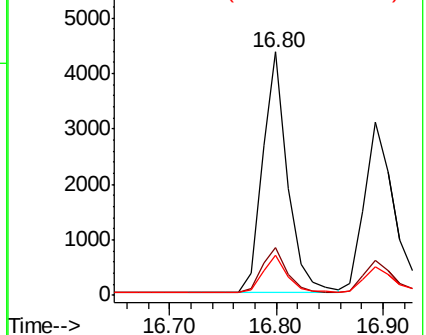
179 15.4 11.8 17.6



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: 0.364 ng

RT: 16.89 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BE097609.D

Acq: 21 Sep 2018 13:34

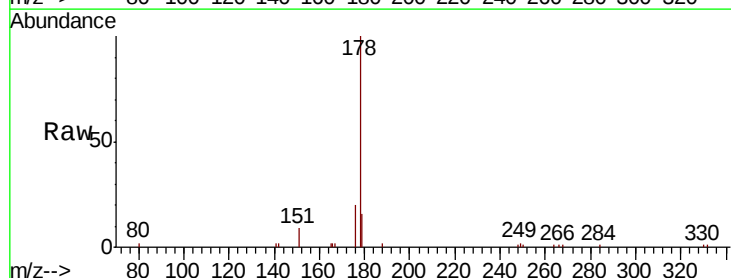
Tgt Ion:178 Resp: 5782

Ion Ratio Lower Upper

178 100

176 18.8 12.8 19.2

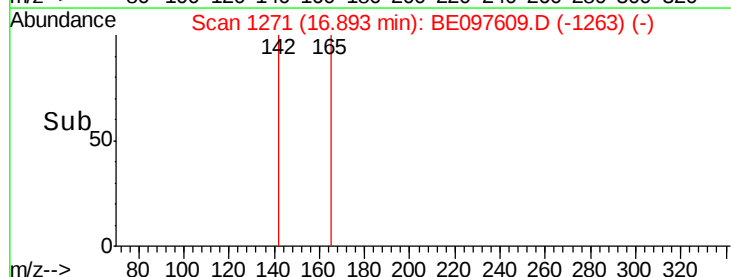
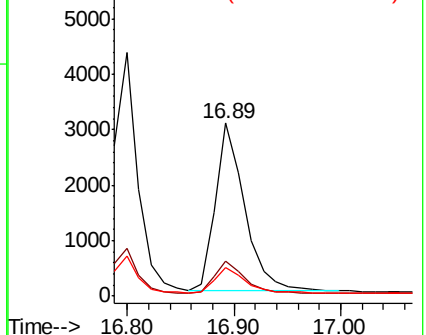
179 15.0 13.0 19.6

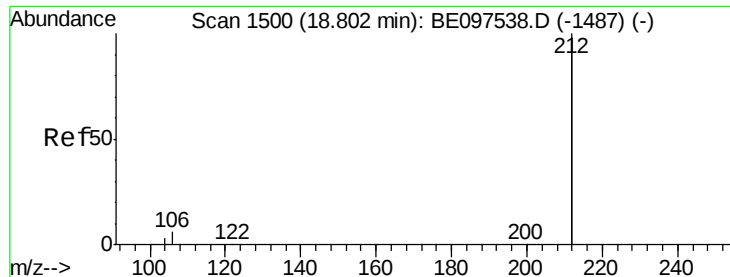


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.324 ng

RT: 18.80 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BE097609.D

Acq: 21 Sep 2018 13:34

Instrument :

BNA_E

ClientSampleId :

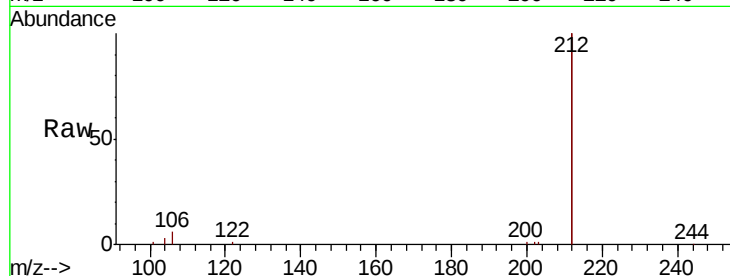
Tot Ion:212 Resp: 31442

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

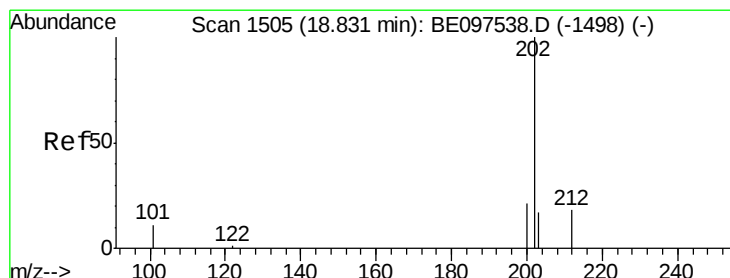
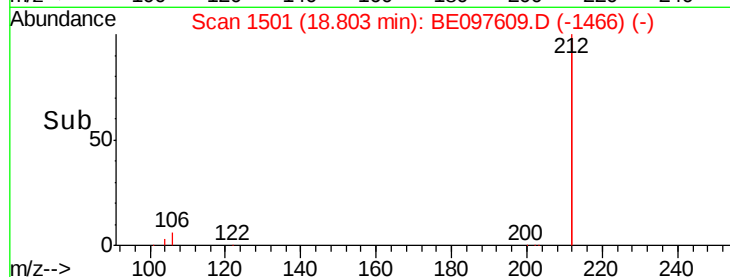
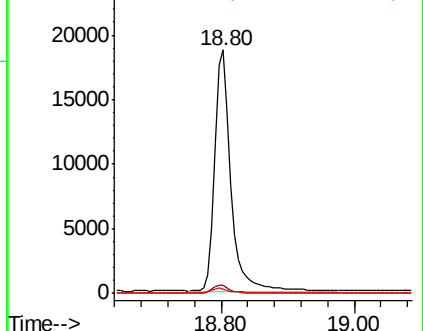
104 1.8 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.329 ng

RT: 18.83 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BE097609.D

Acq: 21 Sep 2018 13:34

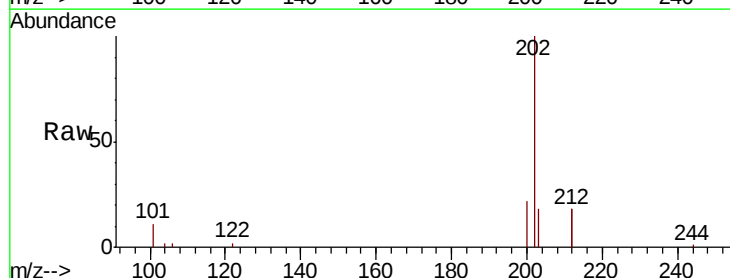
Tgt Ion:202 Resp: 8211

Ion Ratio Lower Upper

202 100

101 10.5 9.8 14.8

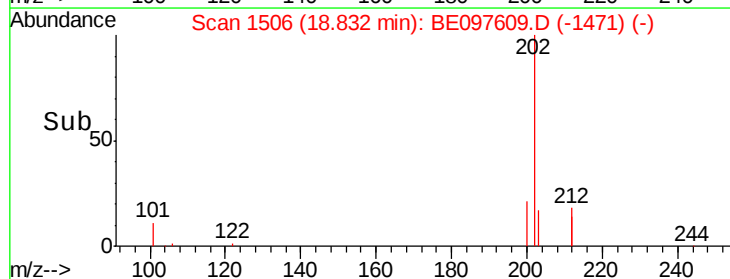
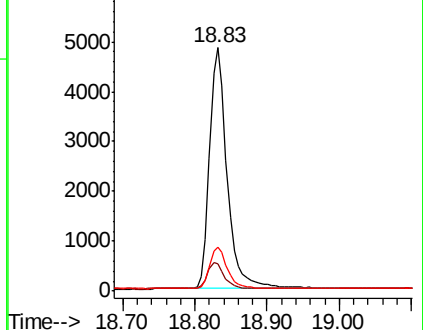
203 17.2 13.7 20.5

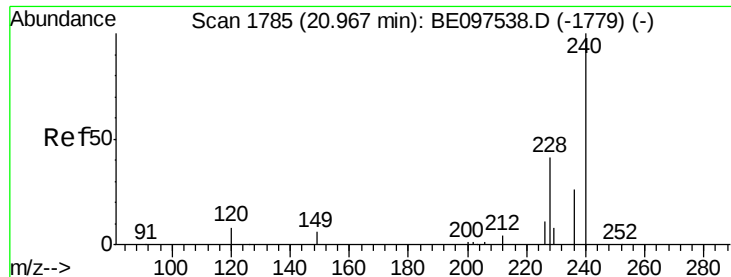


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

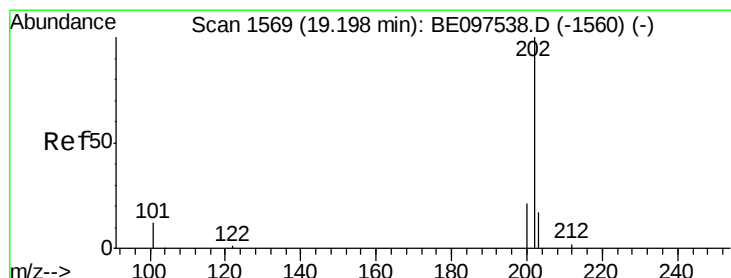
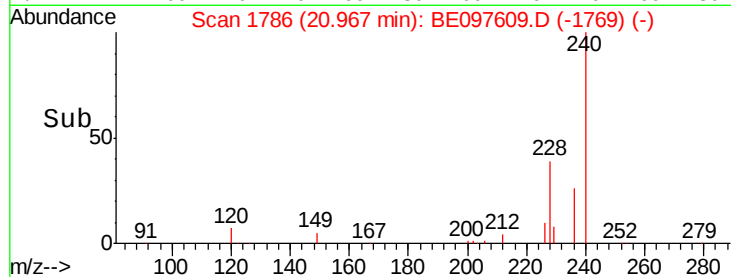
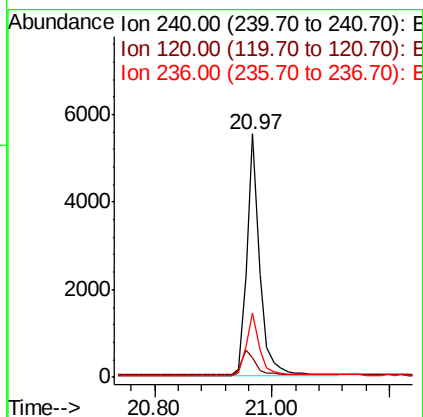
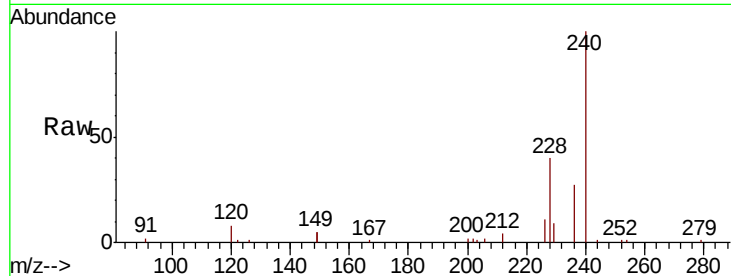




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BE097609.D
 Acq: 21 Sep 2018 13:34

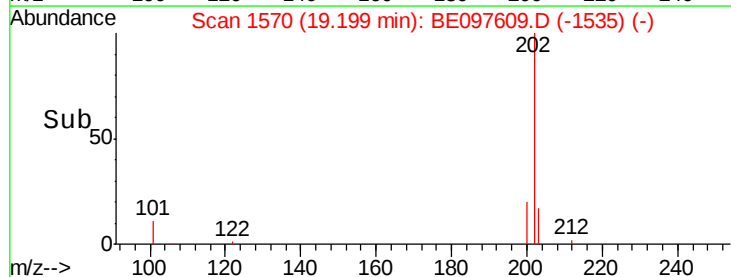
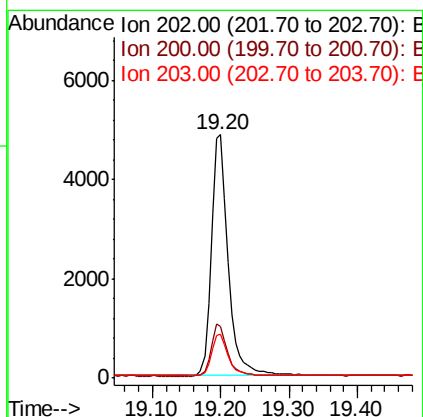
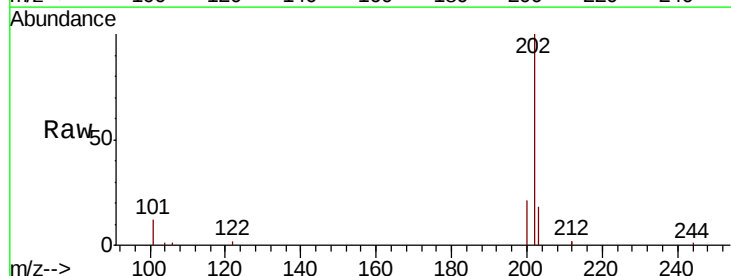
Instrument :
 BNA_E
 ClientSampleId :

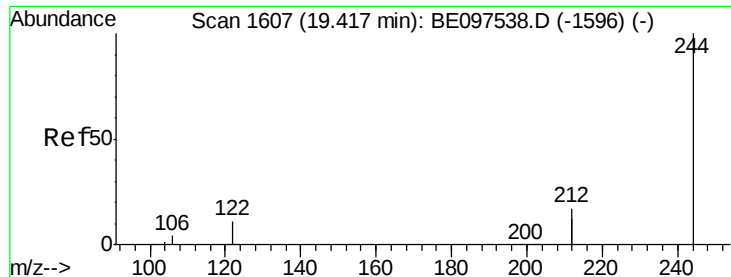
Tot Ion:240 Resp: 8400
 Ion Ratio Lower Upper
 240 100
 120 8.0 5.5 8.3
 236 26.6 20.7 31.1



#28
 Pyrene
 Concen: 0.441 ng
 RT: 19.20 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BE097609.D
 Acq: 21 Sep 2018 13:34

Tgt Ion:202 Resp: 8429
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.6 25.0
 203 17.5 13.8 20.8





#29

Terphenyl-d14

Concen: 0.407 ng

RT: 19.42 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BE097609.D

Acq: 21 Sep 2018 13:34

Instrument :

BNA_E

ClientSampled :

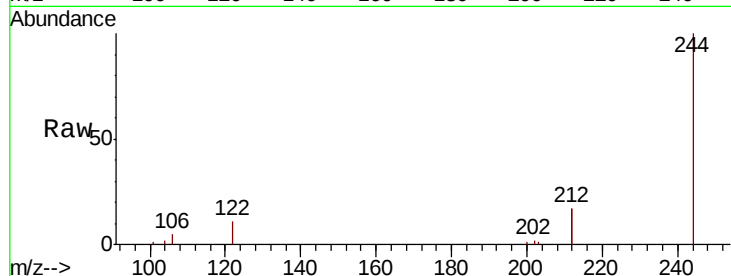
Tot Ion:244 Resp: 6252

Ion Ratio Lower Upper

244 100

212 33.2 25.4 38.0

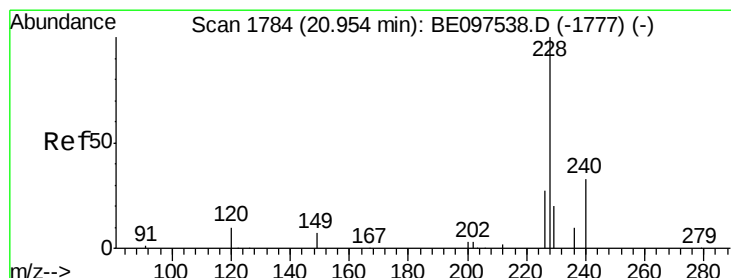
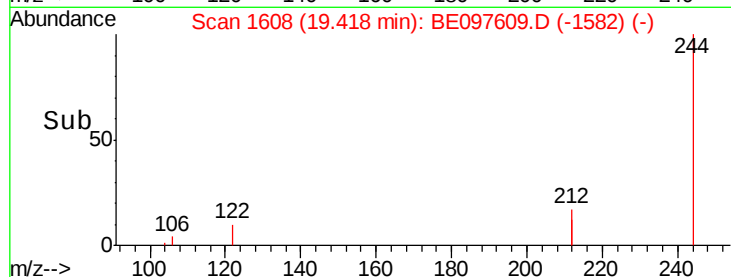
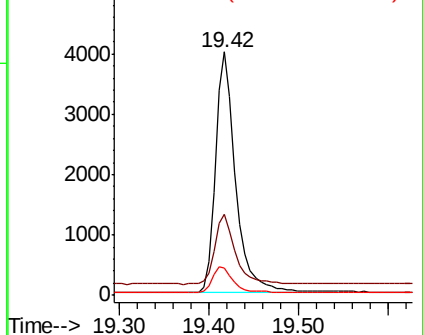
122 11.2 8.1 12.1



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: 0.363 ng

RT: 20.96 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BE097609.D

Acq: 21 Sep 2018 13:34

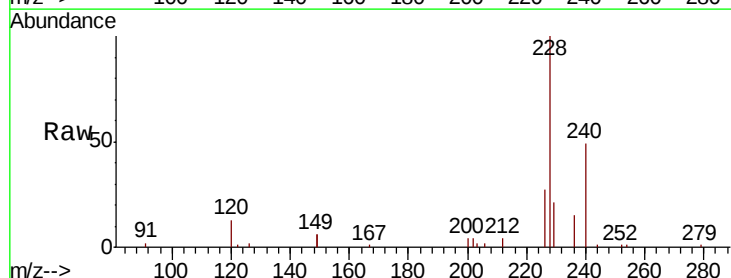
Tgt Ion:228 Resp: 7678

Ion Ratio Lower Upper

228 100

226 26.5 24.0 36.0

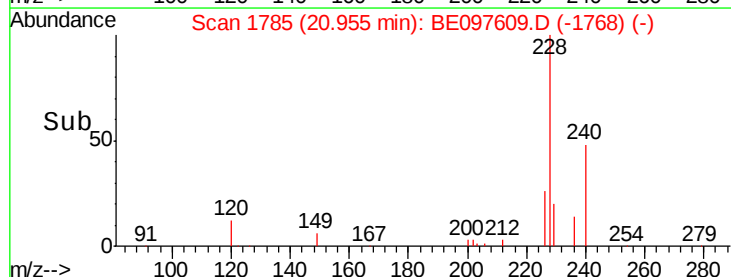
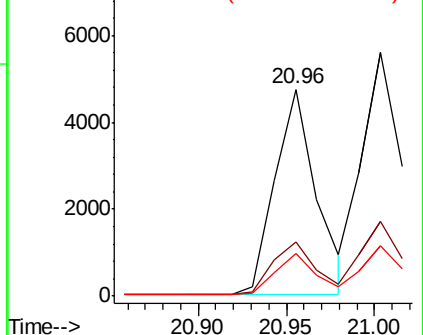
229 20.7 16.0 24.0

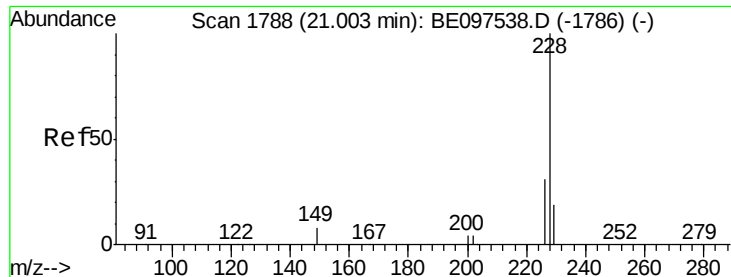


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.397 ng

RT: 21.00 min Scan# 1789

Delta R.T. 0.00 min

Lab File: BE097609.D

Acq: 21 Sep 2018 13:34

Instrument :

BNA_E

ClientSampleId :

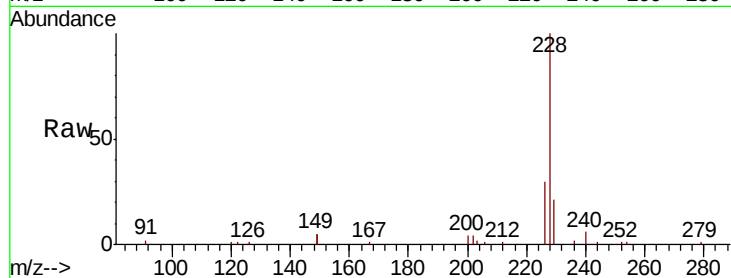
Tot Ion:228 Resp: 9014

Ion Ratio Lower Upper

228 100

226 30.5 24.0 36.0

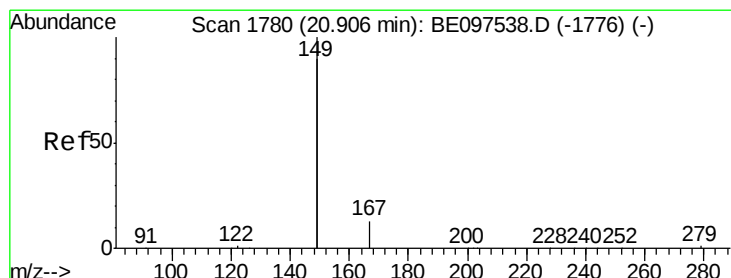
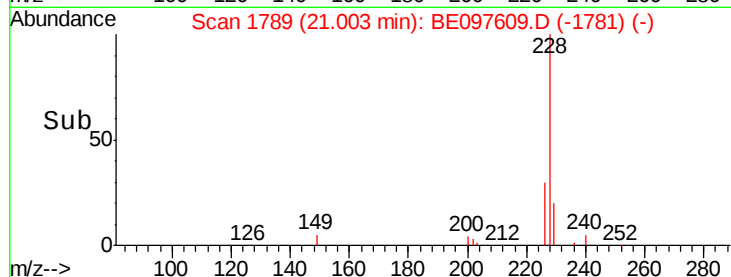
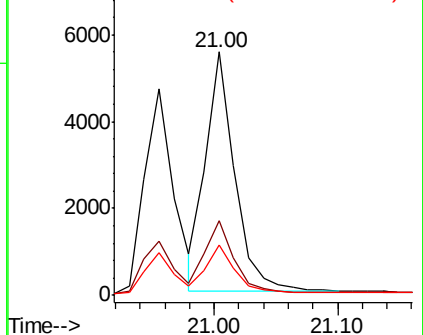
229 20.9 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.304 ng

RT: 20.91 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE097609.D

Acq: 21 Sep 2018 13:34

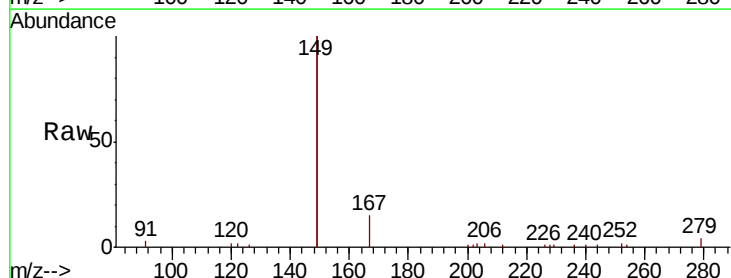
Tgt Ion:149 Resp: 10431

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

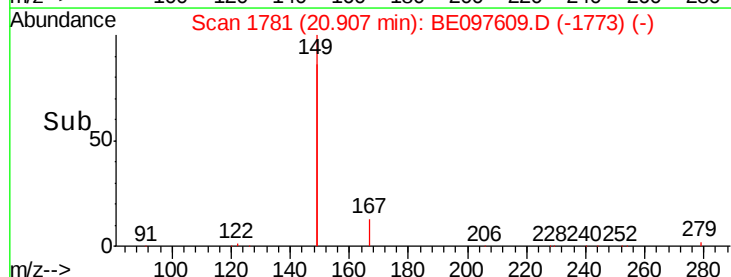
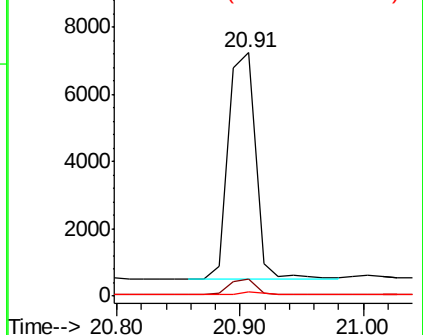
279 1.0 0.7 1.1

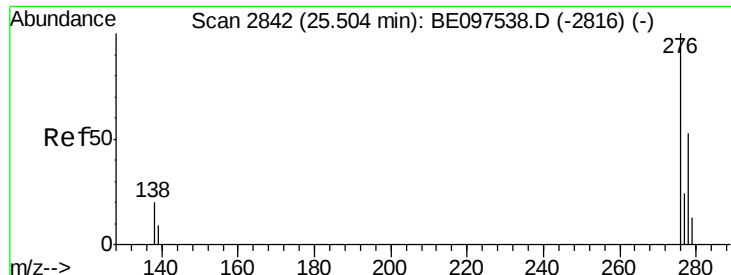


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

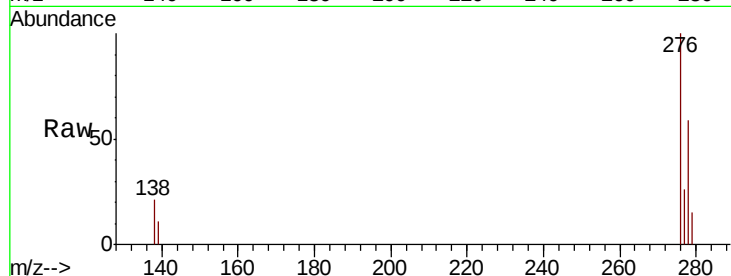




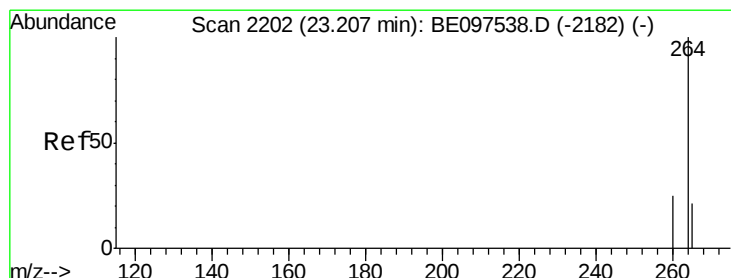
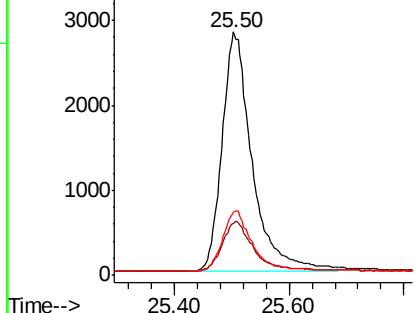
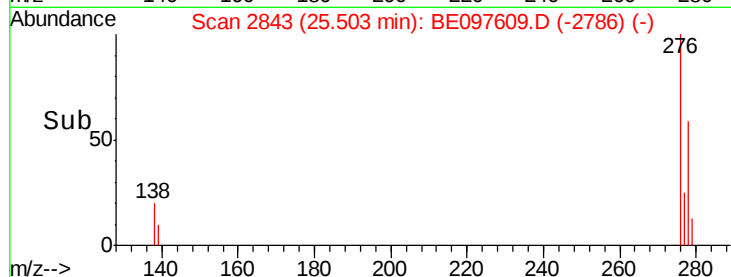
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.376 ng
 RT: 25.50 min Scan# 2843
 Delta R.T. 0.00 min
 Lab File: BE097609.D
 Acq: 21 Sep 2018 13:34

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 10273
 Ion Ratio Lower Upper
 276 100
 138 21.3 22.5 33.7#
 277 24.8 19.9 29.9

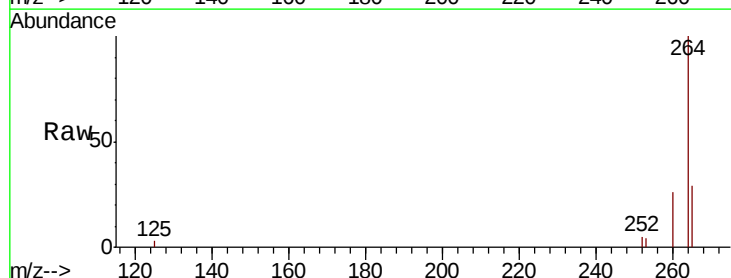


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

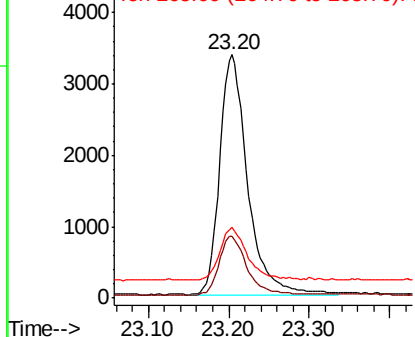
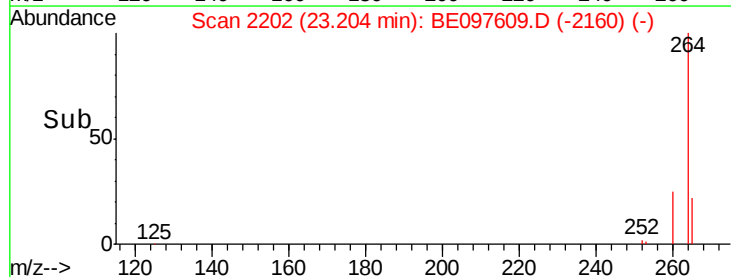


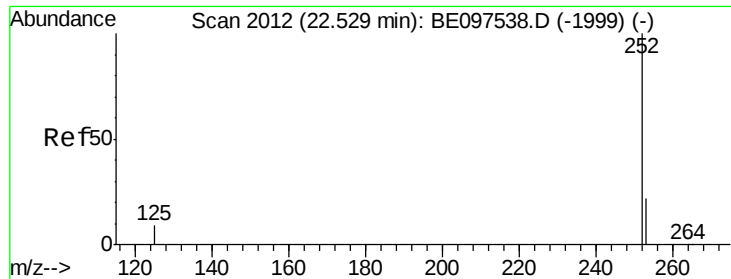
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2202
 Delta R.T. 0.00 min
 Lab File: BE097609.D
 Acq: 21 Sep 2018 13:34

Tgt Ion:264 Resp: 8067
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.5 30.7
 265 29.1 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

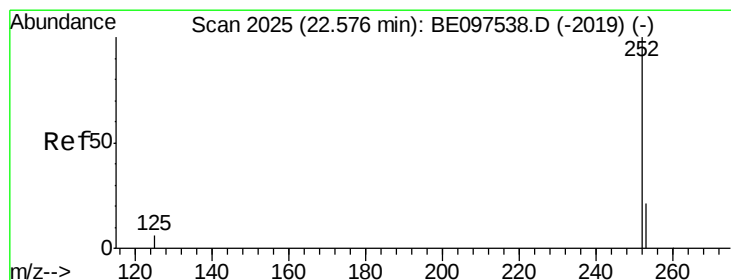
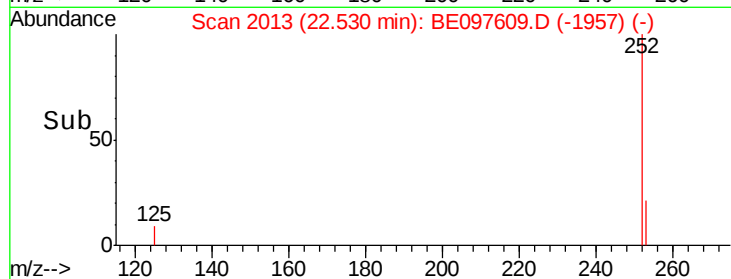
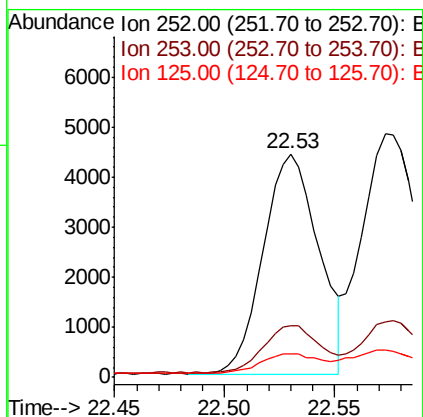
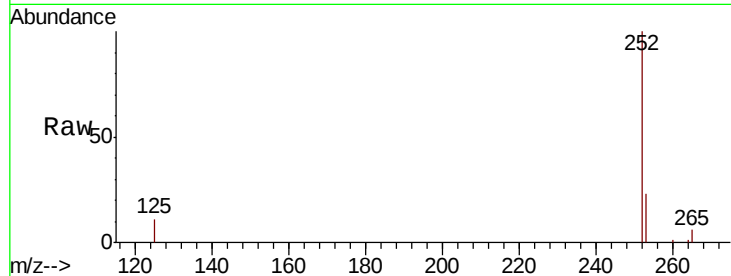




#35
Benzo(b)fluoranthene
Concen: 0.371 ng
RT: 22.53 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

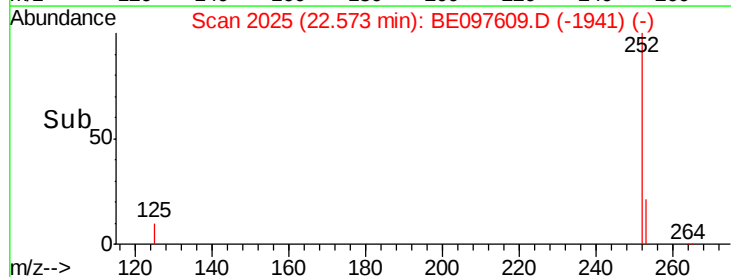
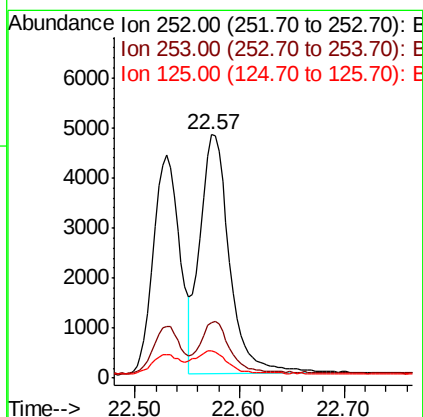
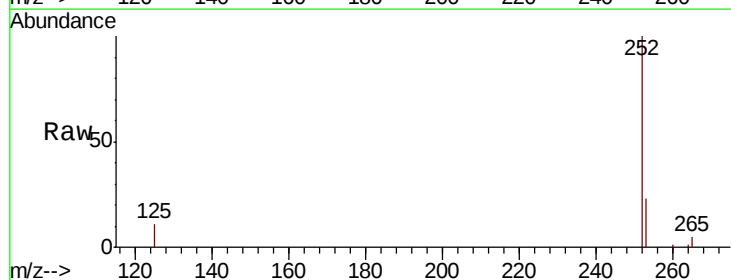
Instrument :
BNA_E
ClientSampleId :

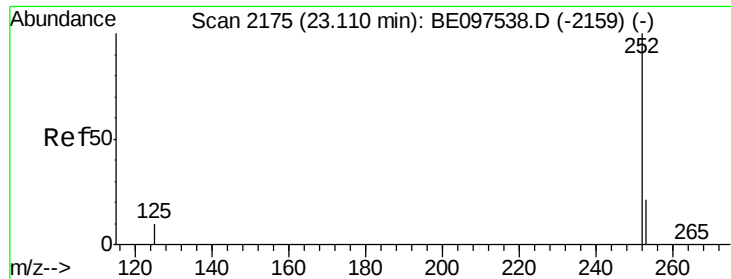
Tot Ion:252 Resp: 7682
Ion Ratio Lower Upper
252 100
253 23.2 20.0 30.0
125 10.6 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.397 ng
RT: 22.57 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Tgt Ion:252 Resp: 9366
Ion Ratio Lower Upper
252 100
253 22.9 16.0 24.0
125 11.4 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.386 ng

RT: 23.11 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BE097609.D

Acq: 21 Sep 2018 13:34

Instrument :

BNA_E

ClientSampleId :

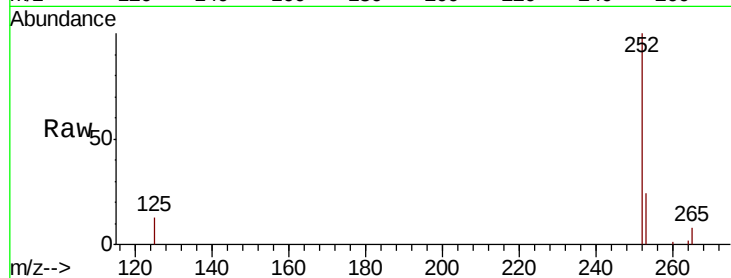
Tot Ion:252 Resp: 7727

Ion Ratio Lower Upper

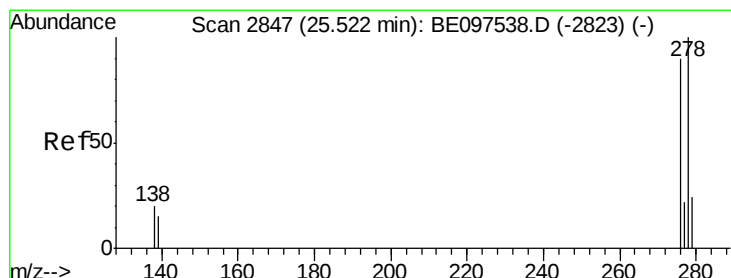
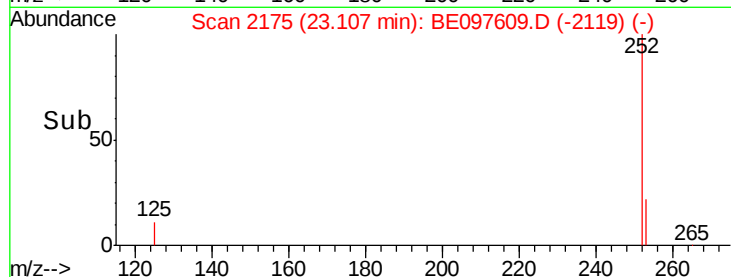
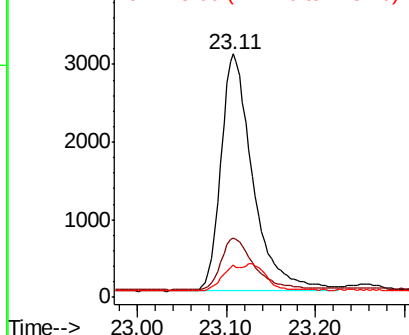
252 100

253 24.4 16.0 24.0#

125 13.1 12.0 18.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.392 ng

RT: 25.52 min Scan# 2848

Delta R.T. 0.00 min

Lab File: BE097609.D

Acq: 21 Sep 2018 13:34

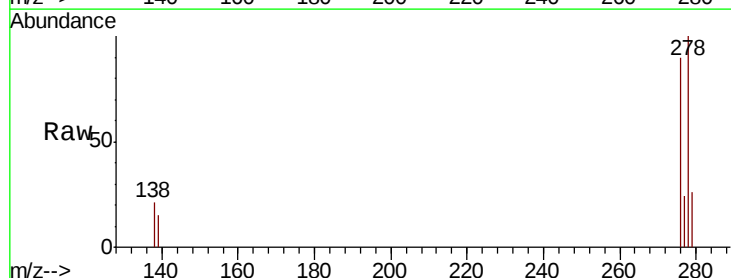
Tgt Ion:278 Resp: 8494

Ion Ratio Lower Upper

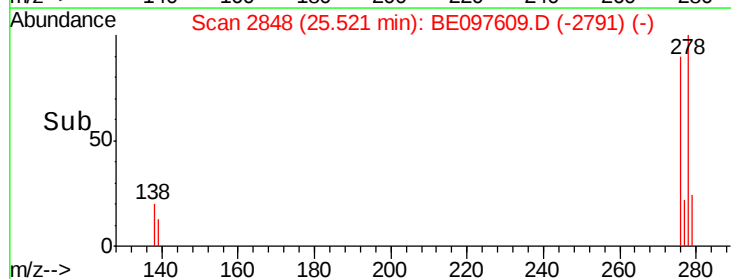
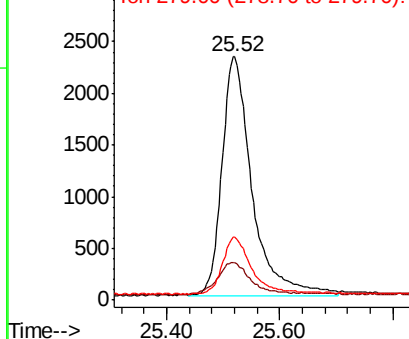
278 100

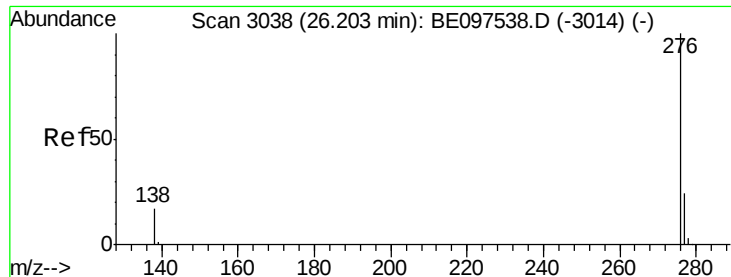
139 15.2 16.0 24.0#

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: 0.395 ng

RT: 26.20 min Scan# 3039

Delta R.T. 0.00 min

Lab File: BE097609.D

Acq: 21 Sep 2018 13:34

Instrument :

BNA_E

ClientSampleId :

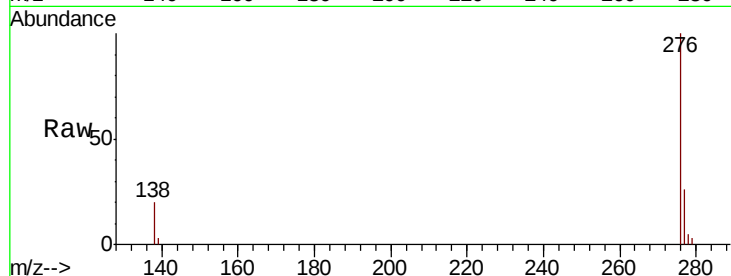
Tot Ion: 276 Resp: 8325

Ion Ratio Lower Upper

276 100

277 25.5 16.0 24.0#

138 19.8 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

