

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091018\
 Data File : BE097442.D
 Acq On : 10 Sep 2018 10:08
 Operator : SJ/JU
 Sample : PB112668BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 10 11:10:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 18:07:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1736	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	7356	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	3547	0.40	ng	-0.01
19) Phenanthrene-d10	16.75	188	8032	0.40	ng	-0.01
27) Chrysene-d12	20.97	240	11371	0.40	ng	0.00
34) Perylene-d12	23.20	264	12744	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	1575	0.31	ng	0.00
5) Phenol-d6	6.59	99	2002	0.29	ng	0.00
8) Nitrobenzene-d5	8.52	82	1670	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	11.71	152	4372	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	310	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	4071	0.31	ng	0.00
25) Fluoranthene-d10	18.80	212	26315	0.29	ng	0.00
29) Terphenyl-d14	19.42	244	4576	0.22	ng	0.00

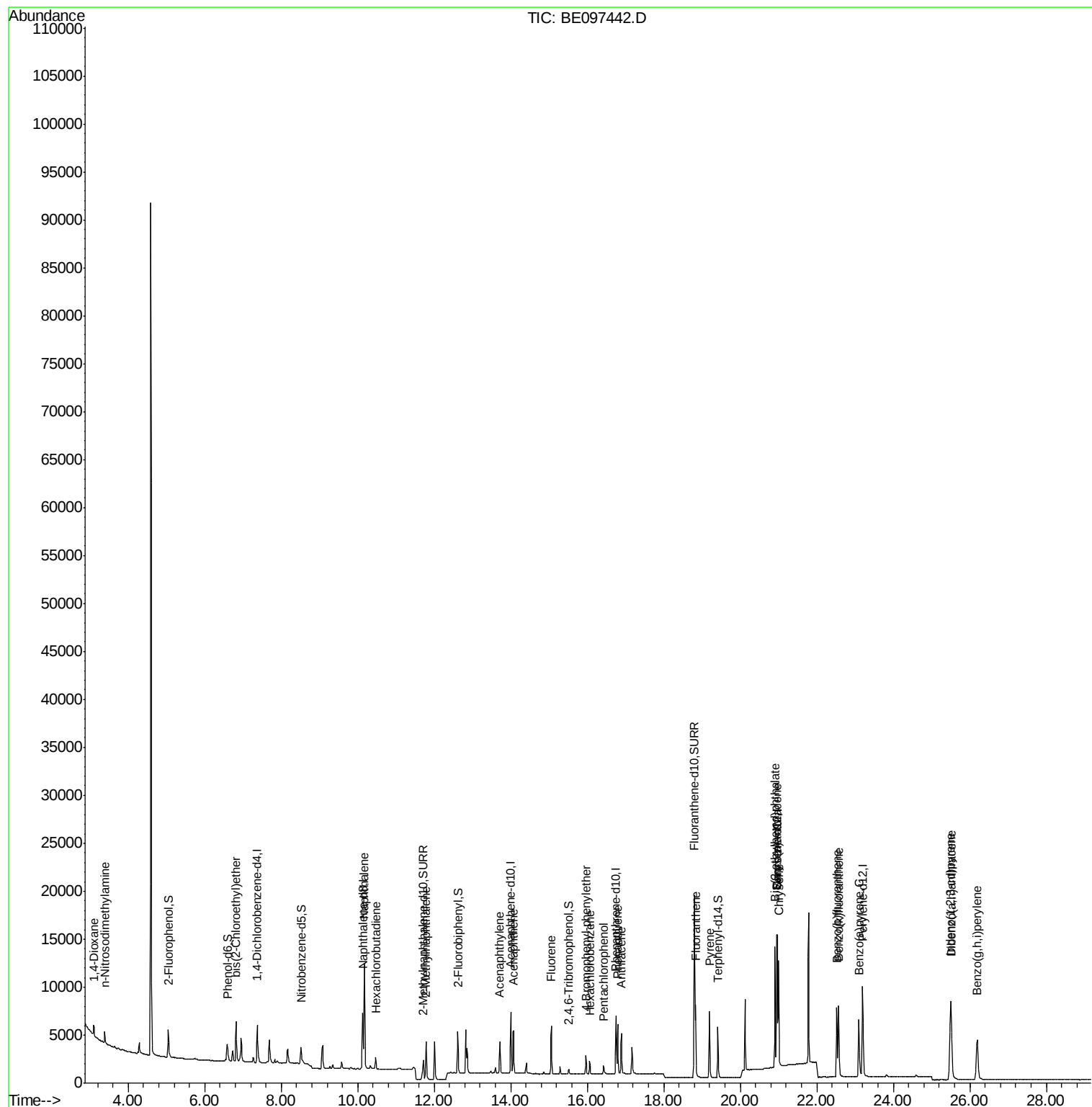
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.11	88	645	0.209	ng	# 70
3) n-Nitrosodimethylamine	3.38	42	743	0.258	ng	# 90
6) bis(2-Chloroethyl)ether	6.83	93	1566	0.248	ng	89
9) Naphthalene	10.17	128	19378	0.289	ng	99
10) Hexachlorobutadiene	10.47	225	824	0.275	ng	97
12) 2-Methylnaphthalene	11.79	142	2979	0.282	ng	99
16) Acenaphthylene	13.71	152	3912	0.277	ng	100
17) Acenaphthene	14.07	154	2564	0.273	ng	96
18) Fluorene	15.06	166	3141	0.264	ng	# 79
20) 4-Bromophenyl-phenylether	15.96	248	970	0.266	ng	# 85
21) Hexachlorobenzene	16.07	284	1117	0.277	ng	# 84
22) Pentachlorophenol	16.43	266	564	0.562	ng	# 74
23) Phenanthrene	16.80	178	5326	0.279	ng	99
24) Anthracene	16.89	178	4809	0.296	ng	96
26) Fluoranthene	18.83	202	6565	0.274	ng	98
28) Pyrene	19.19	202	6677	0.247	ng	99
30) Benzo(a)anthracene	20.95	228	8468	0.294	ng	95
31) Chrysene	21.00	228	8655	0.280	ng	99
32) Bis(2-ethylhexyl)phthalate	20.91	149	11636	0.369	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.49	276	11470	0.272	ng	# 92
35) Benzo(b)fluoranthene	22.53	252	9138	0.273	ng	# 89
36) Benzo(k)fluoranthene	22.57	252	9783	0.266	ng	93
37) Benzo(a)pyrene	23.10	252	9052	0.275	ng	# 92
38) Dibenzo(a,h)anthracene	25.51	278	9633	0.235	ng	# 94
39) Benzo(g,h,i)perylene	26.19	276	9714	0.223	ng	# 90

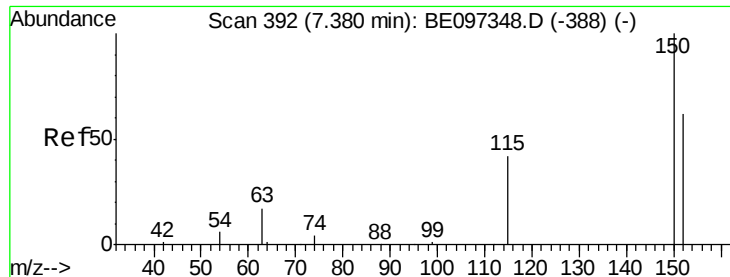
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091018\
Data File : BE097442.D
Acq On : 10 Sep 2018 10:08
Operator : SJ/JU
Sample : PB112668BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 10 10:48:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 18:07:26 2018
Response via : Initial Calibration



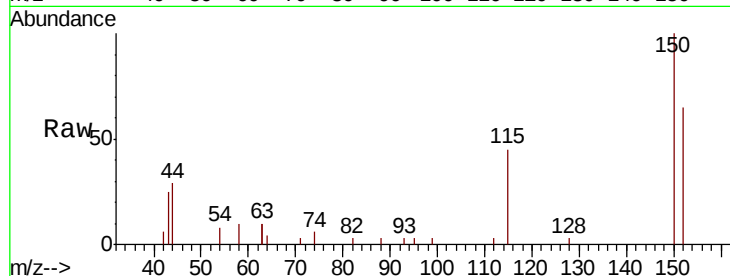


#1

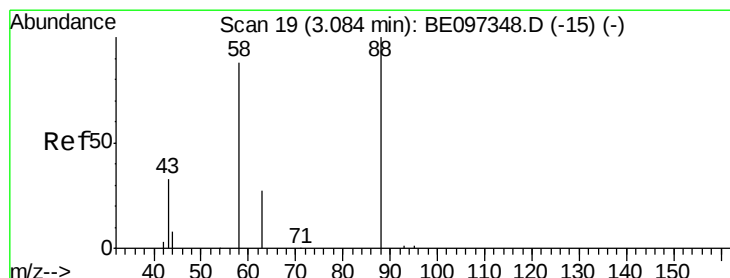
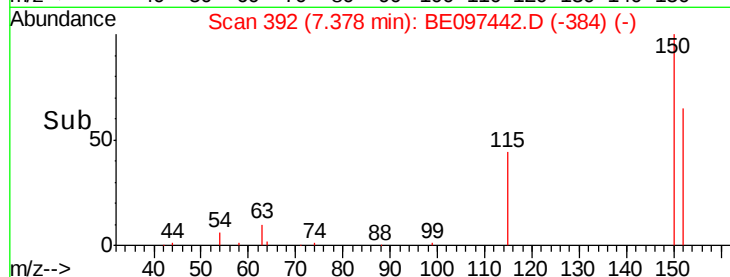
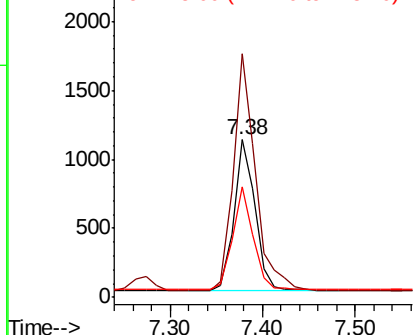
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1736
Ion Ratio Lower Upper
152 100
150 154.5 117.2 175.8
115 69.9 57.0 85.6



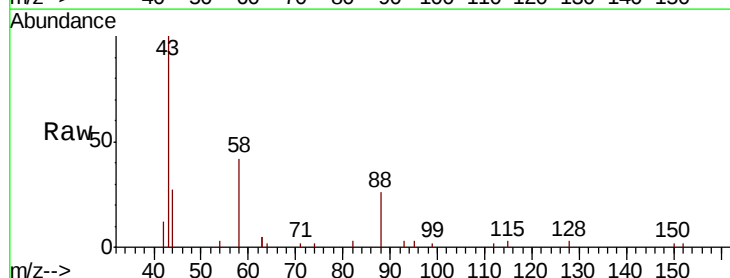
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



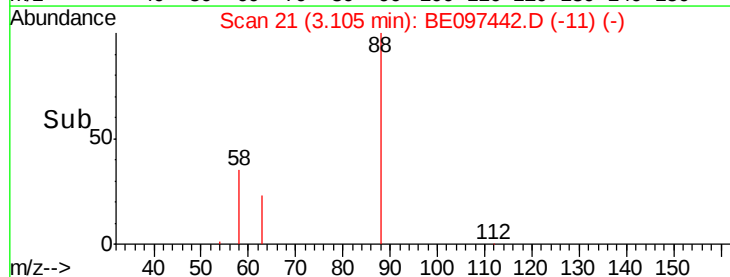
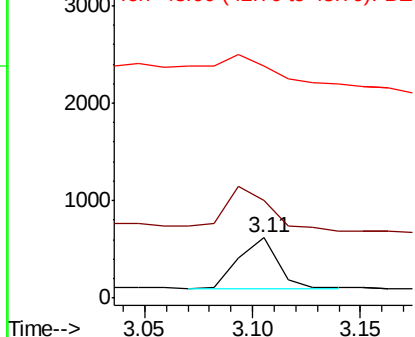
#2

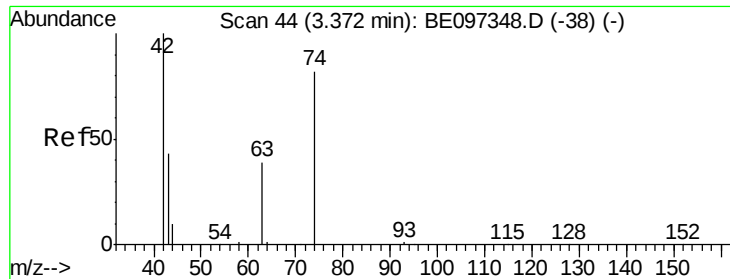
1,4-Dioxane
Concen: 0.209 ng
RT: 3.11 min Scan# 21
Delta R.T. 0.02 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Tgt Ion: 88 Resp: 645
Ion Ratio Lower Upper
88 100
58 98.4 63.2 94.8#
43 81.4 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: 0.258 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:08

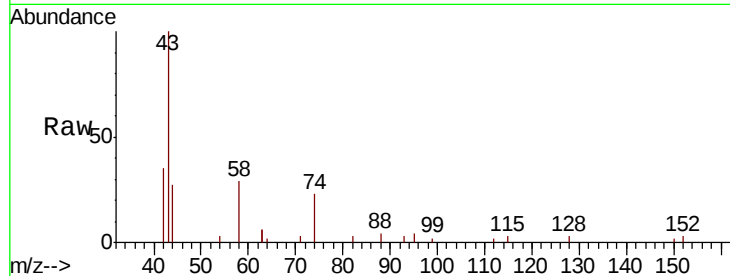
Instrument :

BNA_E

ClientSampled :

Tot Ion: 42 Resp: 743

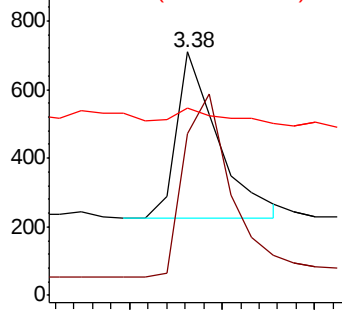
Ion	Ratio	Lower	Upper
42	100		
74	130.1	96.0	144.0
44	9.2	12.0	18.0



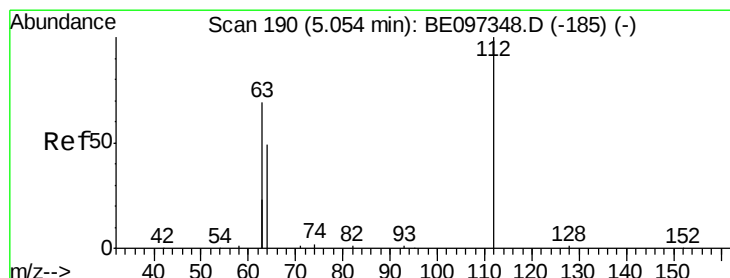
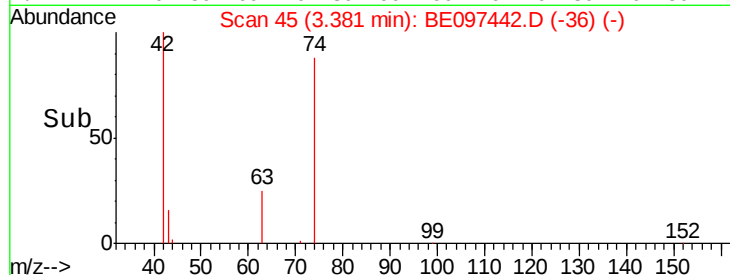
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.307 ng

RT: 5.05 min Scan# 190

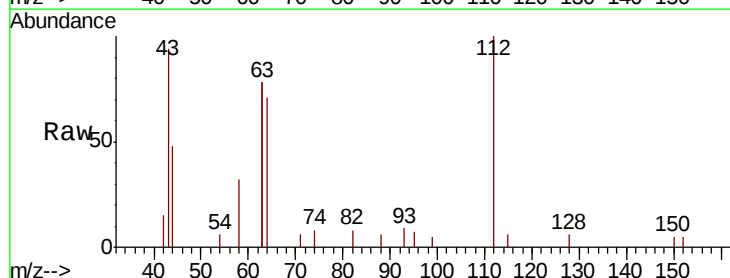
Delta R.T. -0.00 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:08

Tgt Ion: 112 Resp: 1575

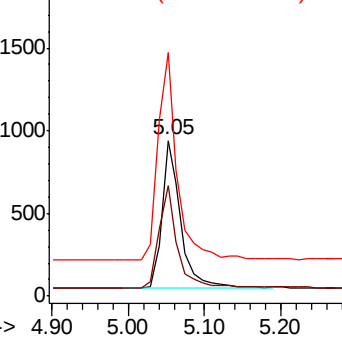
Ion	Ratio	Lower	Upper
112	100		
64	68.1	60.1	90.1
63	142.7	116.8	175.2



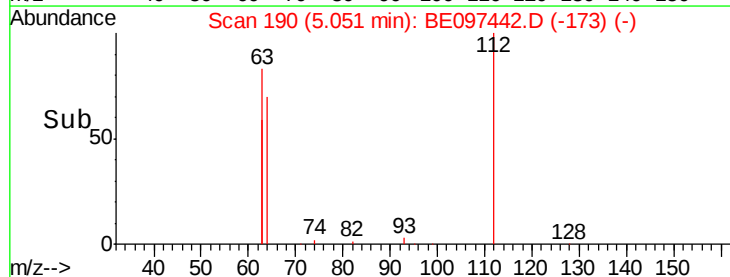
Abundance Ion 112.00 (111.70 to 112.70): E

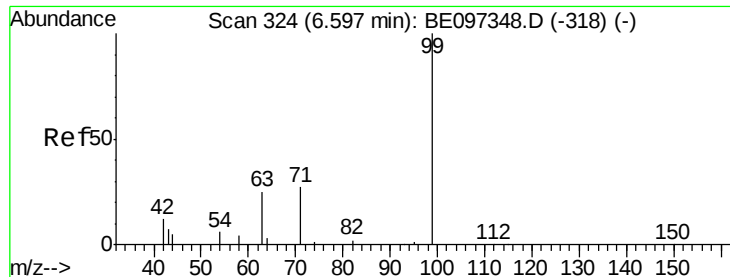
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.292 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:08

Instrument :

BNA_E

ClientSampled :

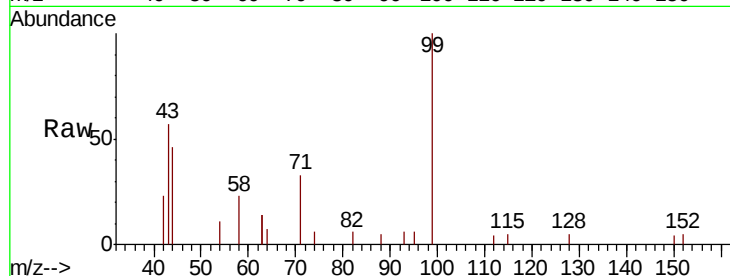
Tot Ion: 99 Resp: 2002

Ion Ratio Lower Upper

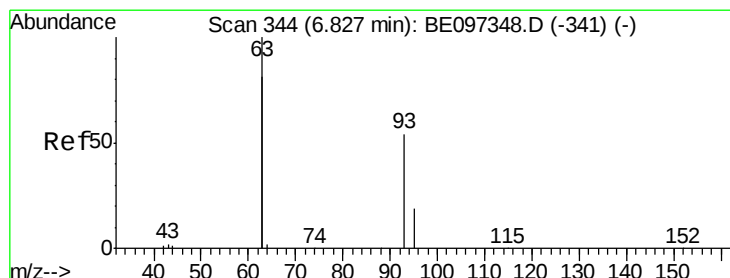
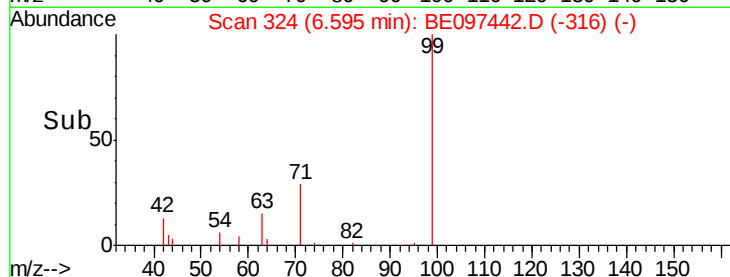
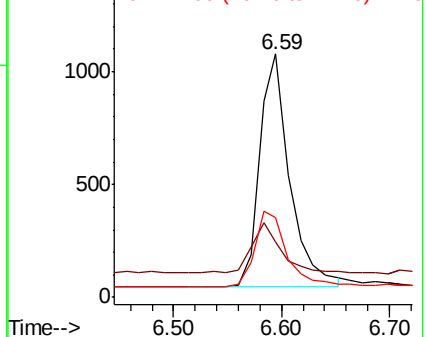
99 100

42 21.2 20.2 30.2

71 34.4 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: 0.248 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.00 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:08

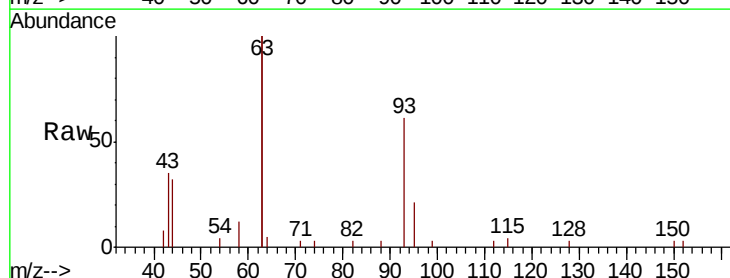
Tgt Ion: 93 Resp: 1566

Ion Ratio Lower Upper

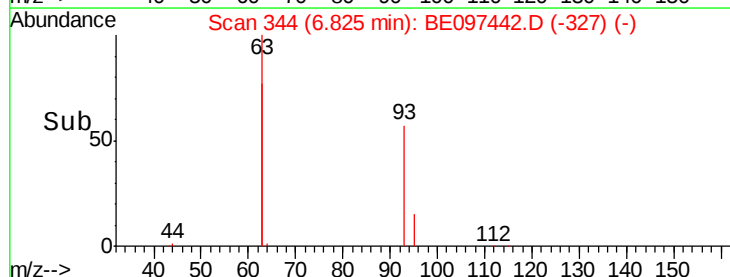
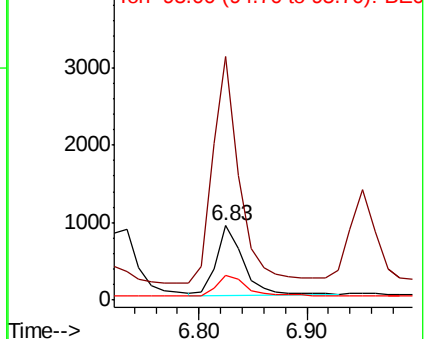
93 100

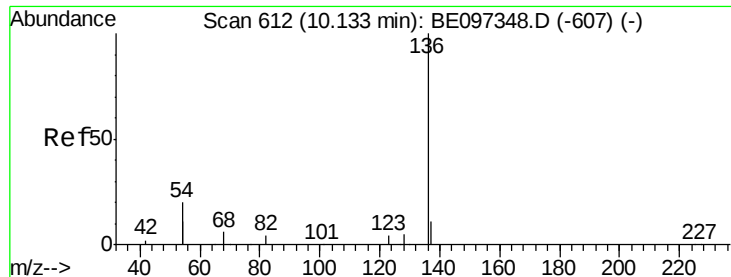
63 319.0 275.3 412.9

95 31.4 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: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:08

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 7356

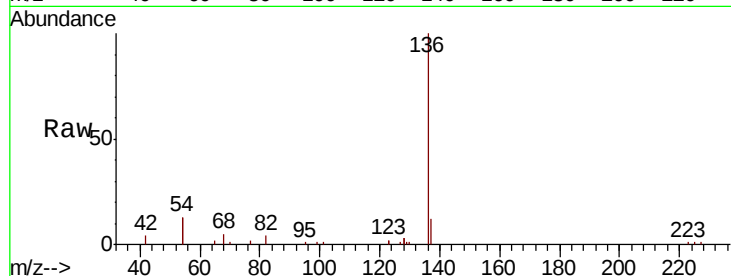
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 25.9 29.1 43.7#

68 5.4 6.2 9.2#

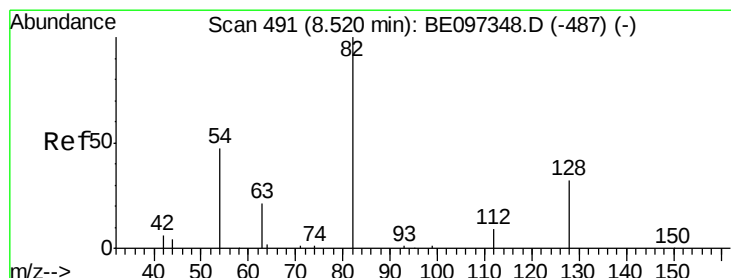
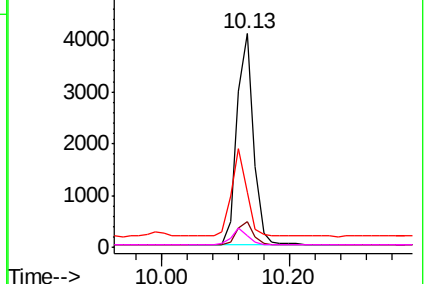
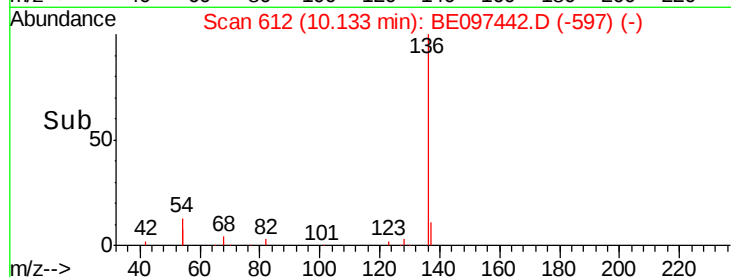


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.317 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:08

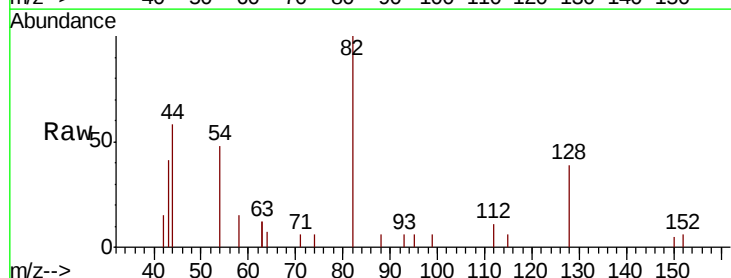
Tgt Ion: 82 Resp: 1670

Ion Ratio Lower Upper

82 100

128 39.1 24.0 36.0#

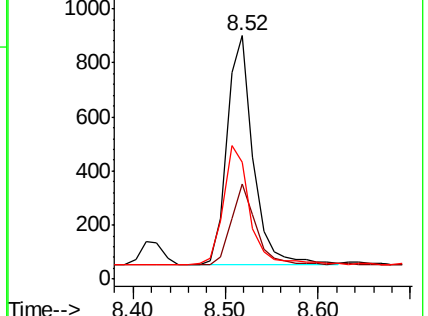
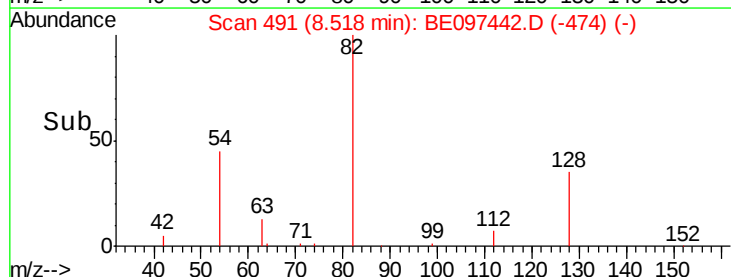
54 48.1 40.0 60.0

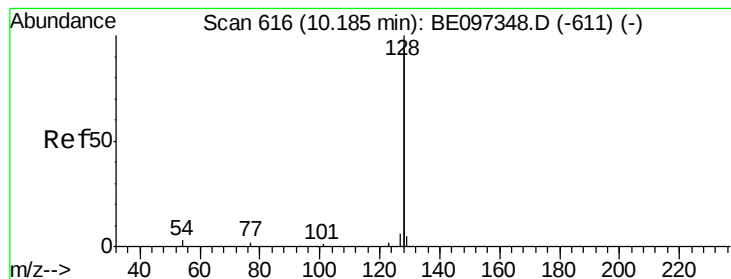


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.289 ng

RT: 10.17 min Scan# 615

Delta R.T. -0.01 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:08

Instrument :

BNA_E

ClientSampleId :

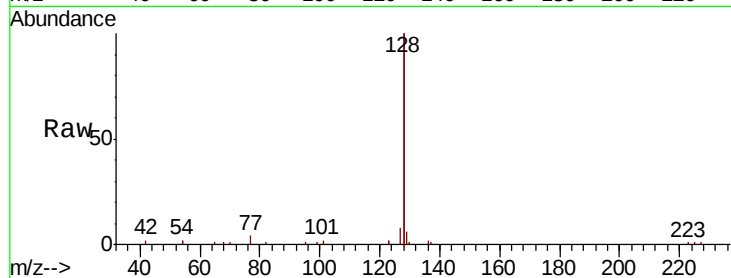
Tot Ion:128 Resp: 19378

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

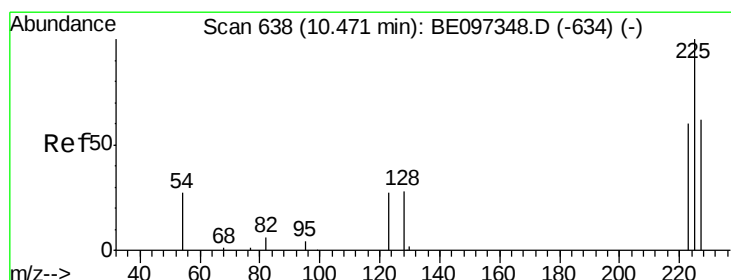
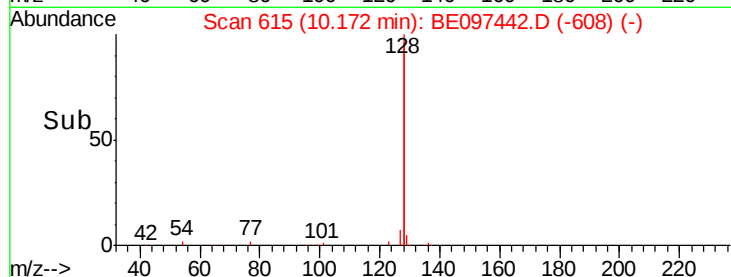
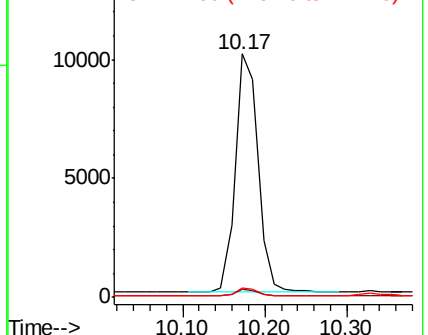
127 3.8 2.8 4.2



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: 0.275 ng

RT: 10.47 min Scan# 638

Delta R.T. 0.00 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:08

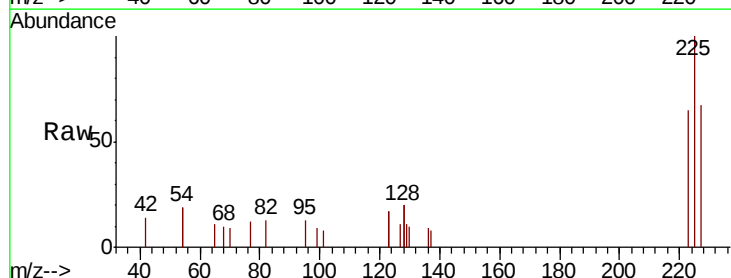
Tgt Ion:225 Resp: 824

Ion Ratio Lower Upper

225 100

223 62.4 53.0 79.6

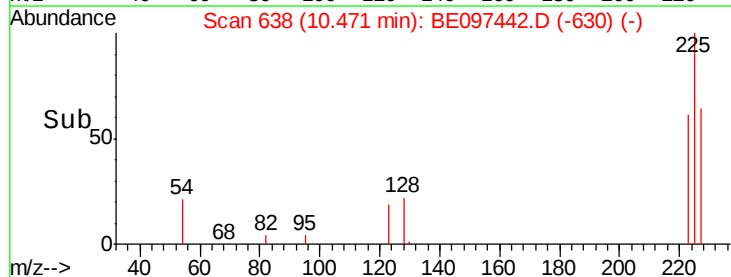
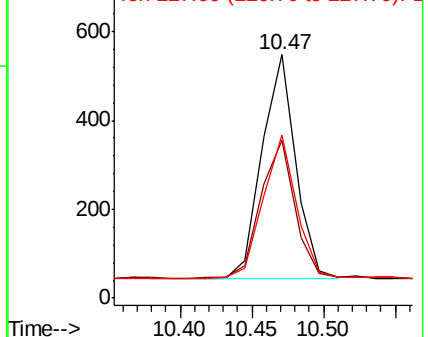
227 64.1 51.4 77.2

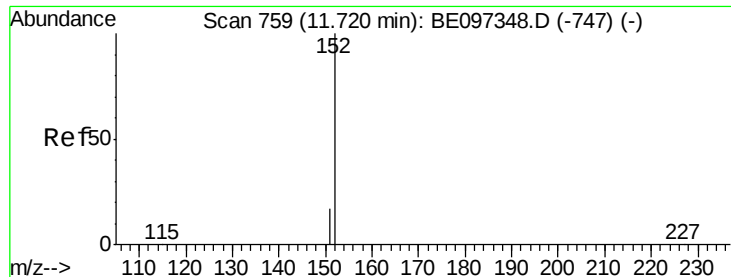


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

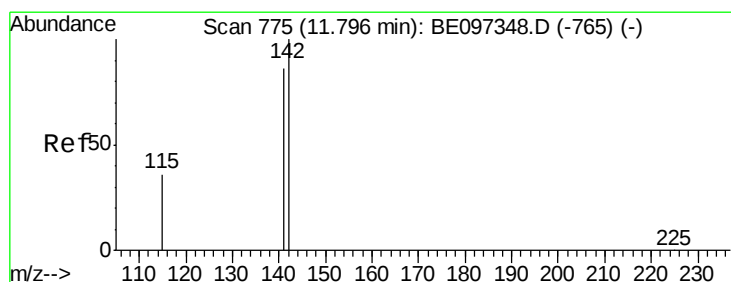
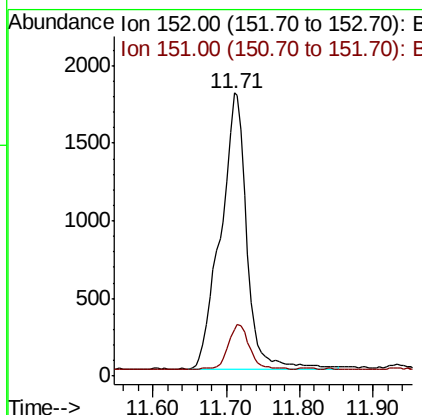
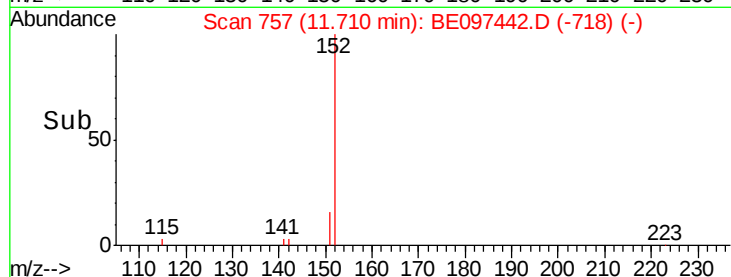
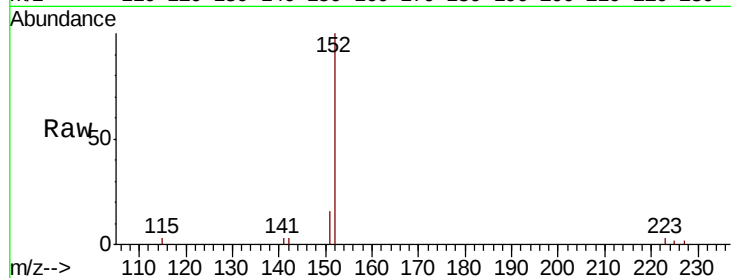




#11
2-Methylnaphthalene-d10
Concen: 0.426 ng
RT: 11.71 min Scan# 757
Delta R.T. -0.01 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

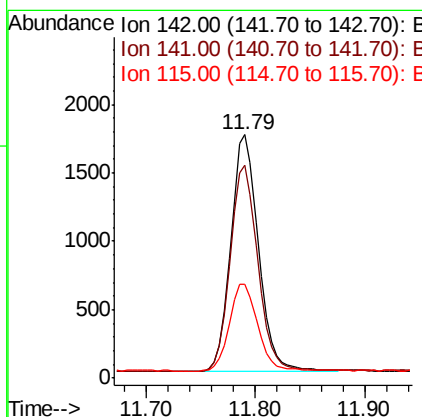
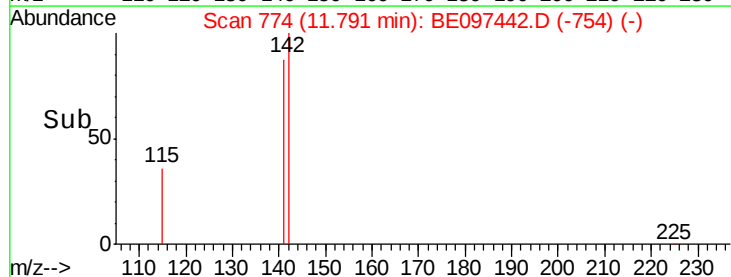
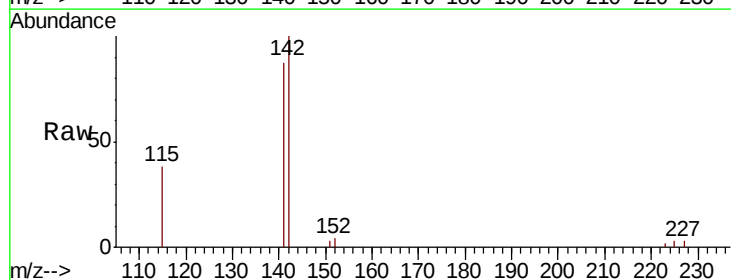
Instrument :
BNA_E
ClientSampleId :

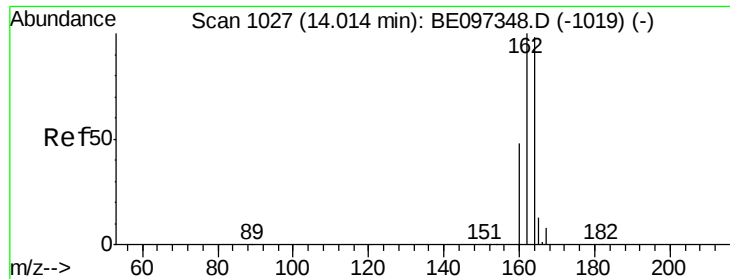
Tot Ion:152 Resp: 4372
Ion Ratio Lower Upper
152 100
151 12.6 15.4 23.0#



#12
2-Methylnaphthalene
Concen: 0.282 ng
RT: 11.79 min Scan# 774
Delta R.T. -0.01 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Tgt Ion:142 Resp: 2979
Ion Ratio Lower Upper
142 100
141 87.4 70.4 105.6
115 38.5 31.7 47.5

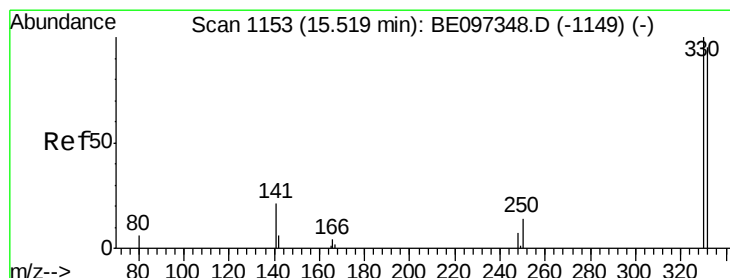
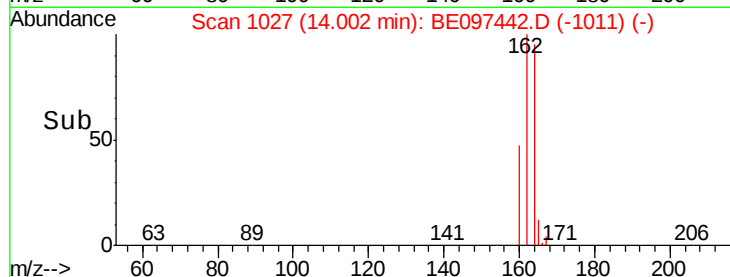
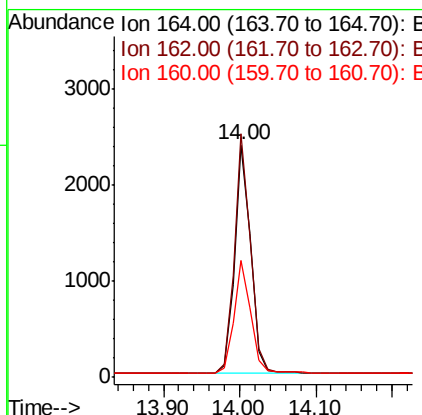
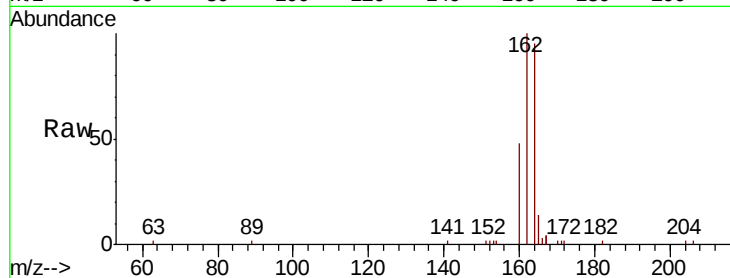




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

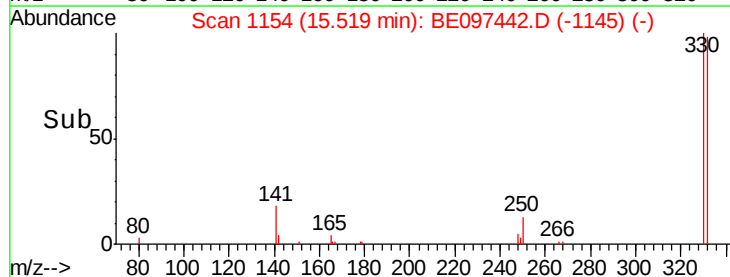
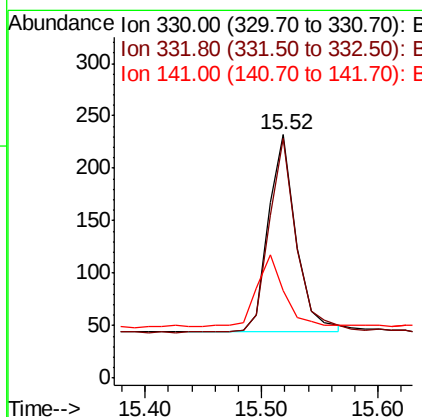
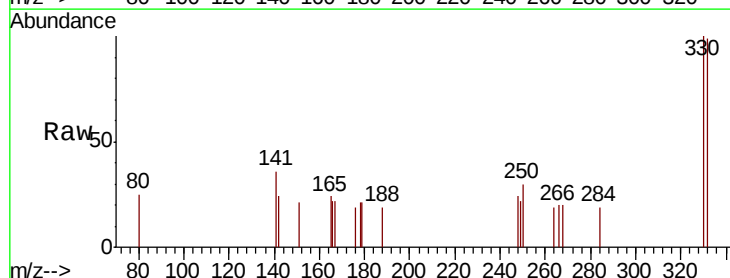
Instrument :
BNA_E
ClientSampleId :

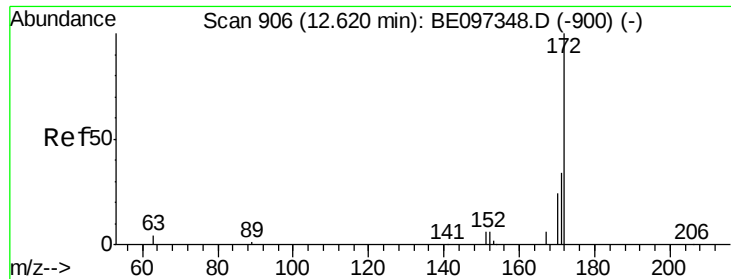
Tot Ion:164 Resp: 3547
Ion Ratio Lower Upper
164 100
162 104.8 83.1 124.7
160 50.4 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.258 ng
RT: 15.52 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Tgt Ion:330 Resp: 310
Ion Ratio Lower Upper
330 100
332 99.7 152.7 229.1#
141 36.8 33.7 50.5

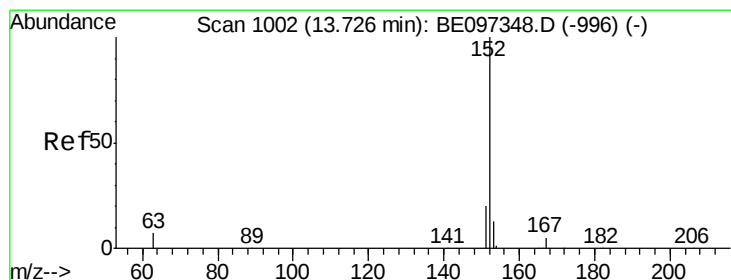
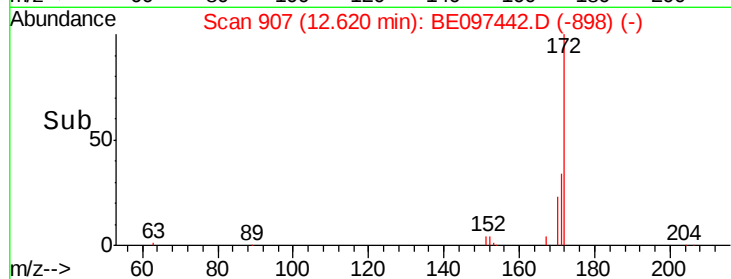
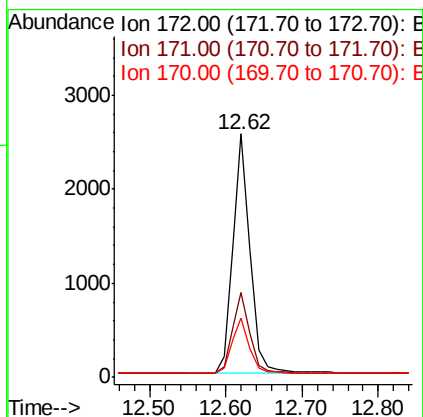
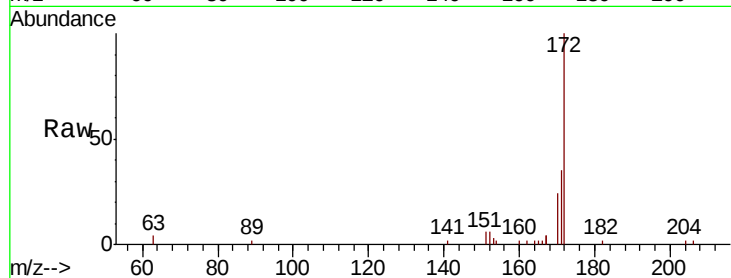




#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 12.62 min Scan# 907
Delta R.T. 0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

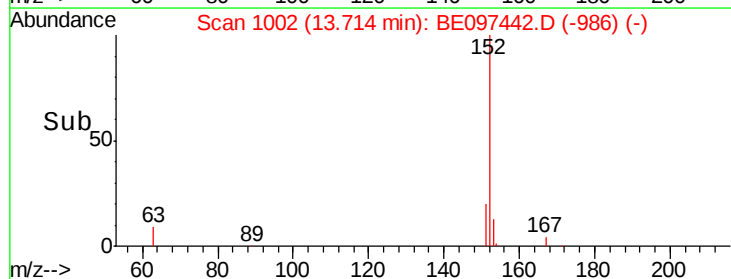
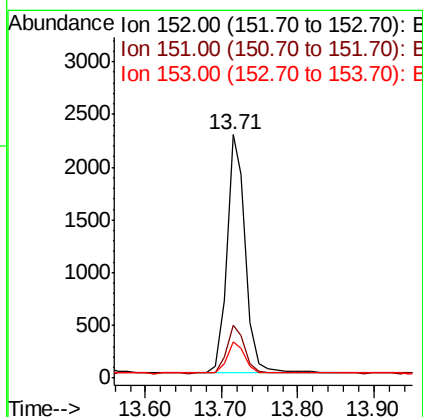
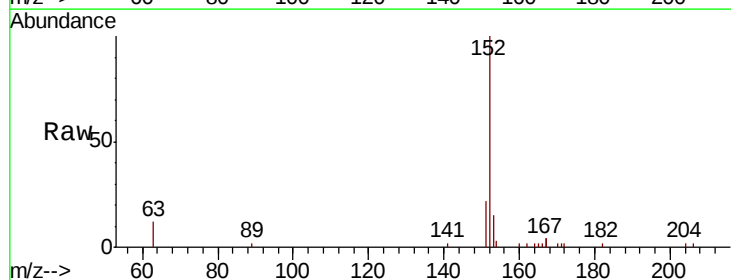
Instrument :
BNA_E
ClientSampleId :

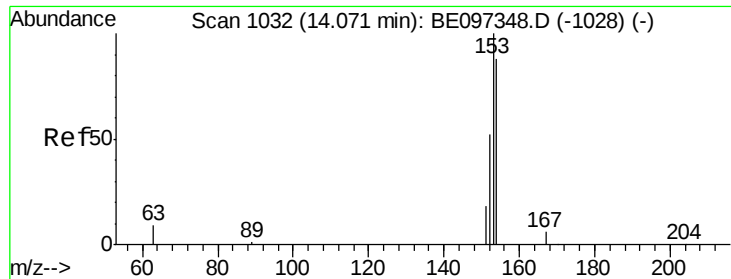
Tot Ion:172 Resp: 4071
Ion Ratio Lower Upper
172 100
171 35.1 29.9 44.9
170 24.5 21.8 32.8



#16
Acenaphthylene
Concen: 0.277 ng
RT: 13.71 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Tgt Ion:152 Resp: 3912
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.3 10.5 15.7

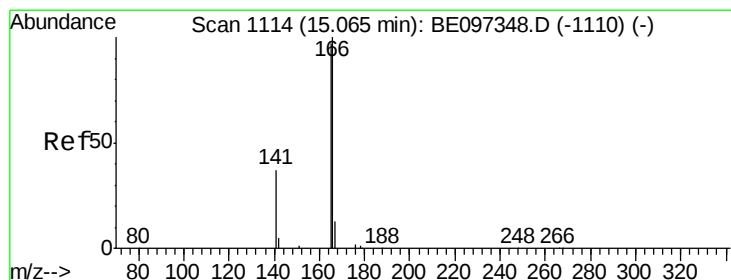
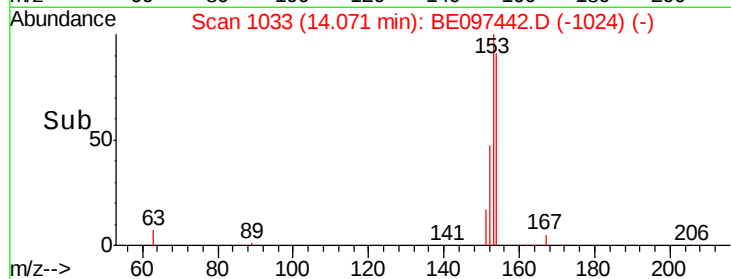
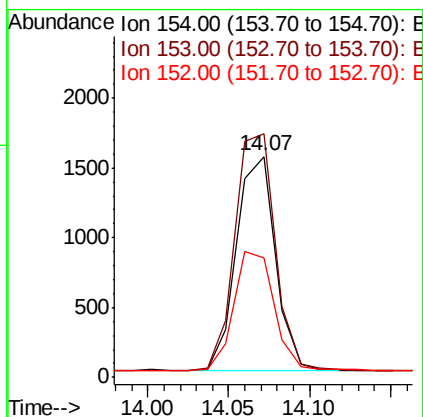
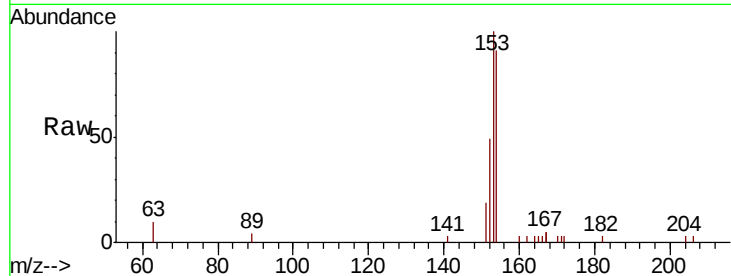




#17
Acenaphthene
Concen: 0.273 ng
RT: 14.07 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

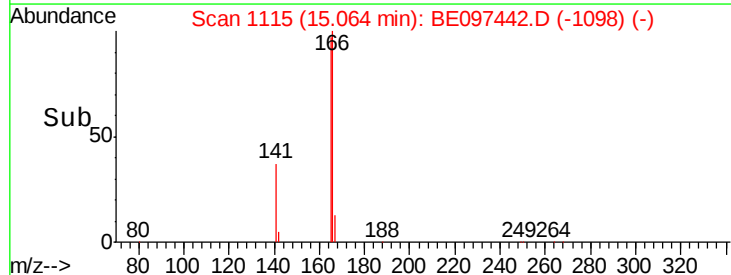
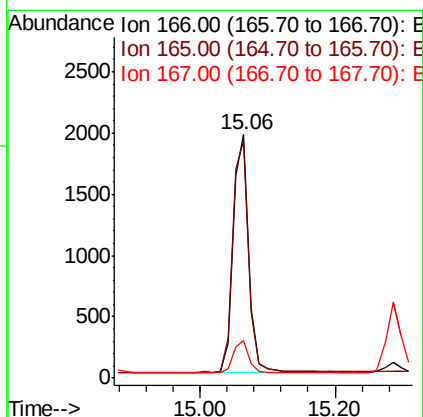
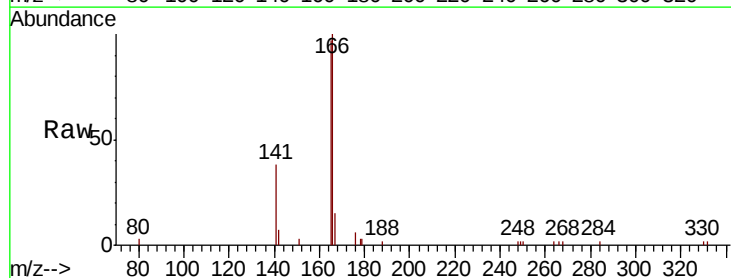
Instrument :
BNA_E
ClientSampleId :

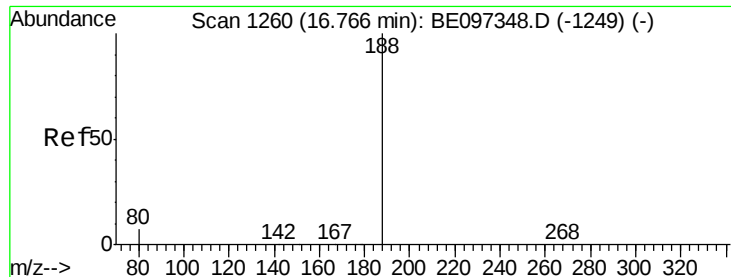
Tot Ion:154 Resp: 2564
Ion Ratio Lower Upper
154 100
153 114.2 89.2 133.8
152 57.2 42.0 63.0



#18
Fluorene
Concen: 0.264 ng
RT: 15.06 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Tgt Ion:166 Resp: 3141
Ion Ratio Lower Upper
166 100
165 99.8 77.8 116.6
167 13.6 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:08

Instrument :

BNA_E

ClientSampleId :

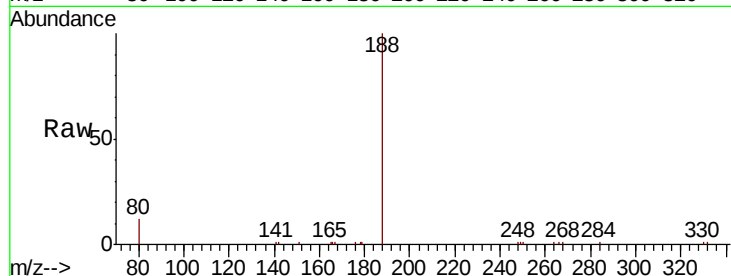
Tot Ion:188 Resp: 8032

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

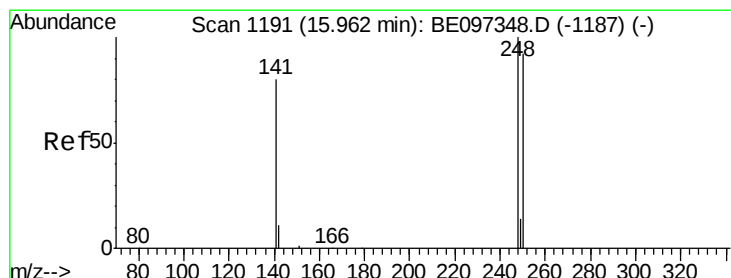
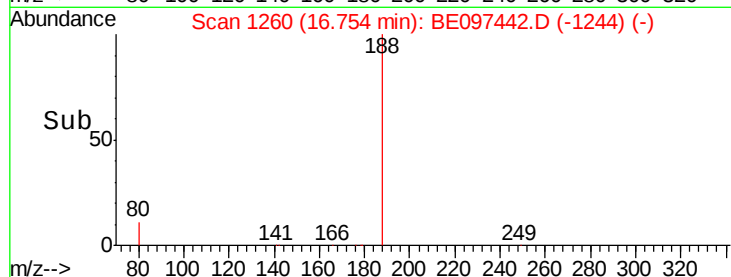
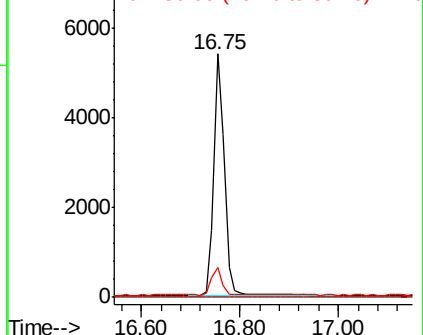
80 12.3 3.6 5.4#



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: 0.266 ng

RT: 15.96 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:08

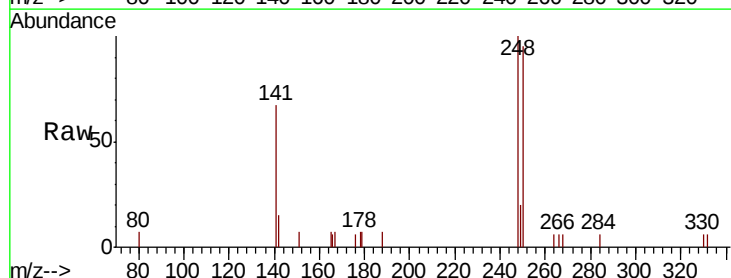
Tgt Ion:248 Resp: 970

Ion Ratio Lower Upper

248 100

250 95.0 62.7 94.1#

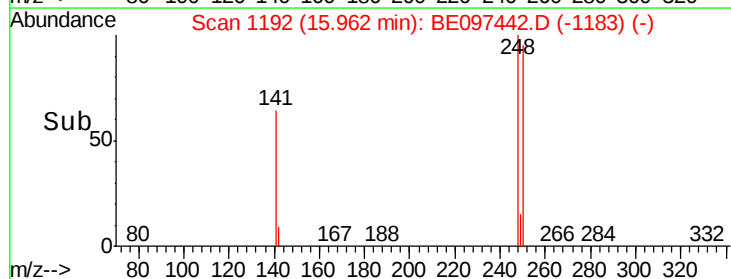
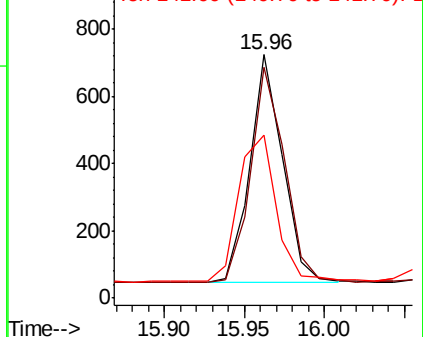
141 66.9 48.2 72.2

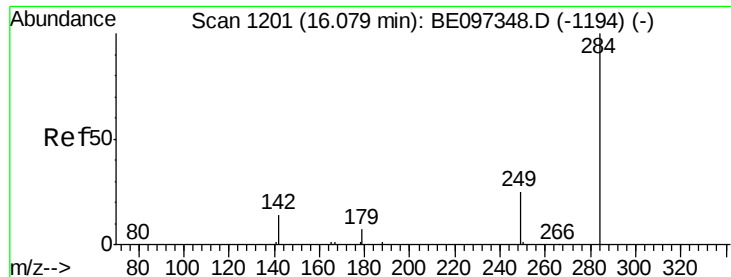


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.277 ng

RT: 16.07 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:08

Instrument :

BNA_E

ClientSampleId :

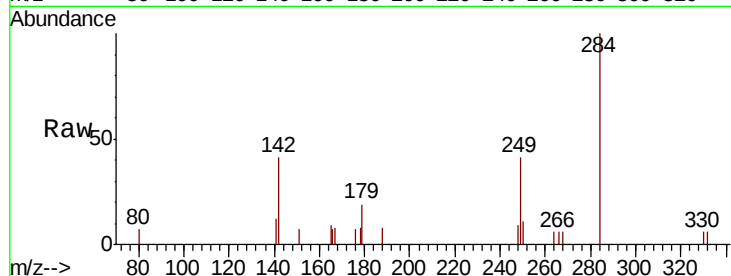
Tot Ion:284 Resp: 1117

Ion Ratio Lower Upper

284 100

142 33.3 22.1 33.1#

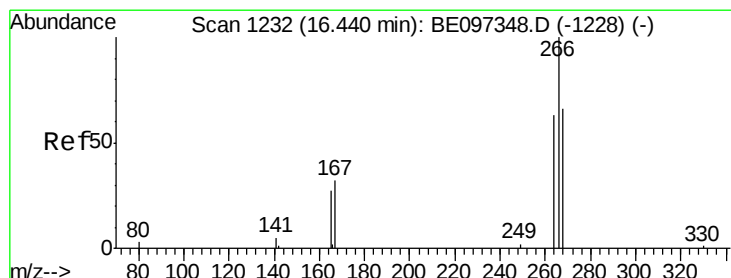
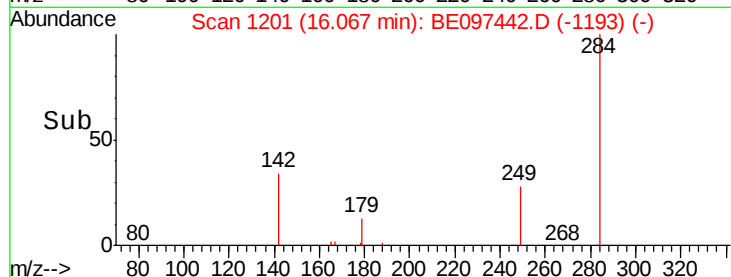
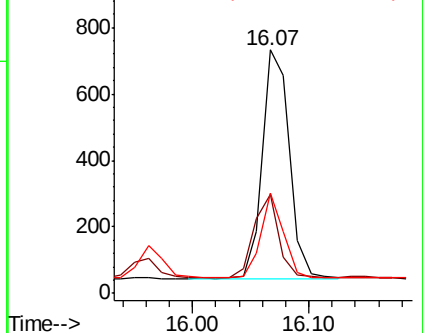
249 31.3 34.8 52.2#



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: 0.562 ng

RT: 16.43 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:08

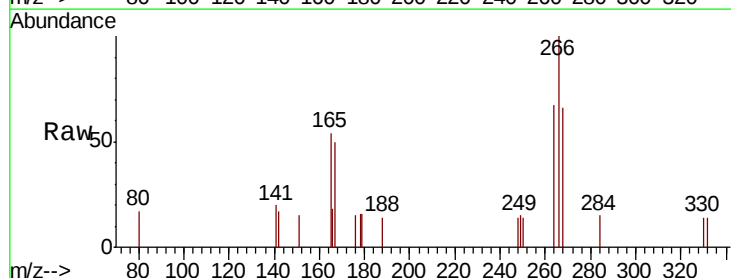
Tgt Ion:266 Resp: 564

Ion Ratio Lower Upper

266 100

264 67.1 72.5 108.7#

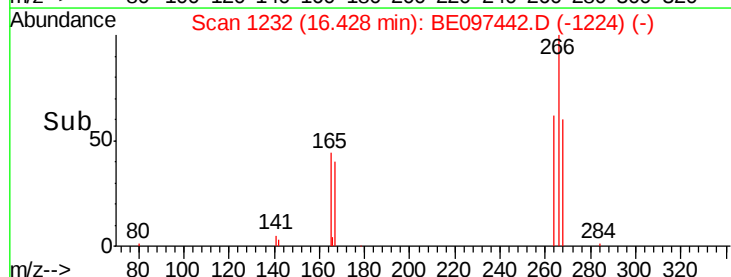
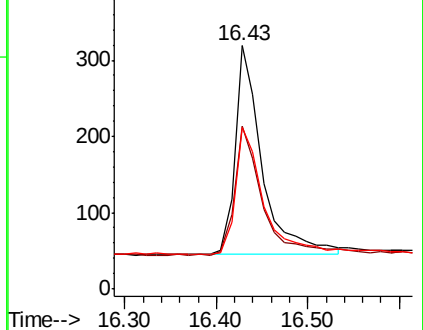
268 66.1 73.8 110.6#

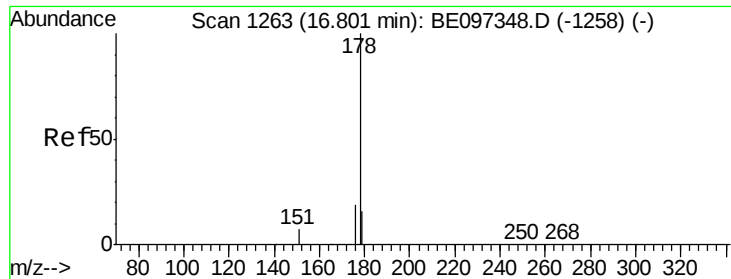


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.279 ng

RT: 16.80 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:08

Instrument :

BNA_E

ClientSampleId :

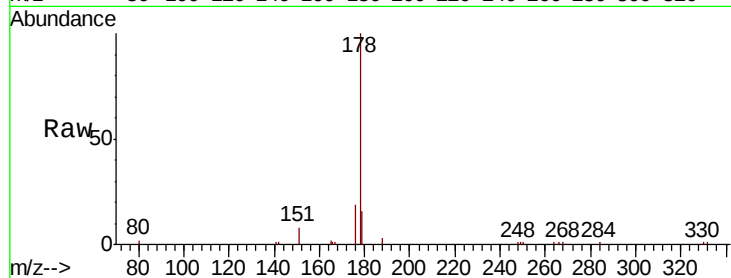
Tot Ion:178 Resp: 5326

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

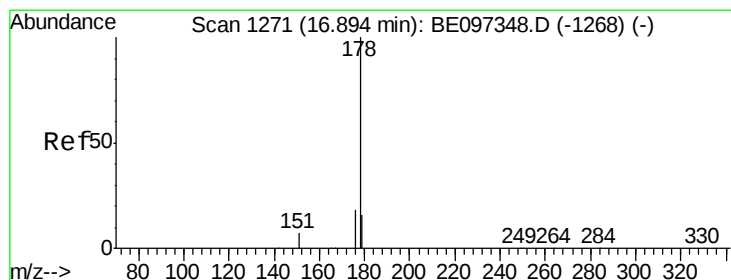
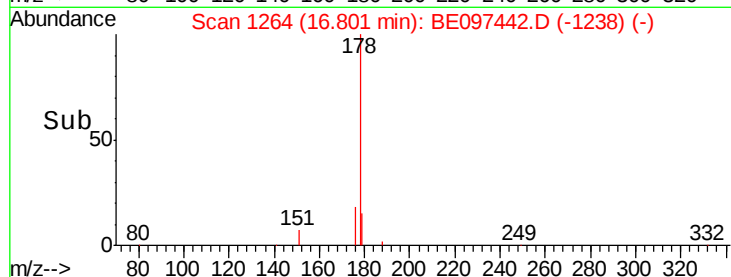
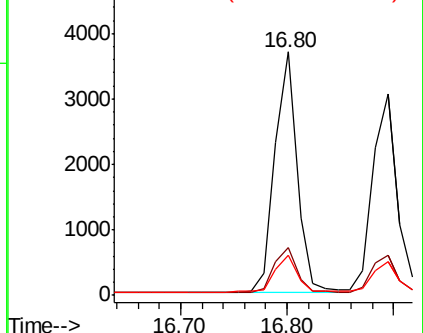
179 15.4 11.8 17.6



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: 0.296 ng

RT: 16.89 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:08

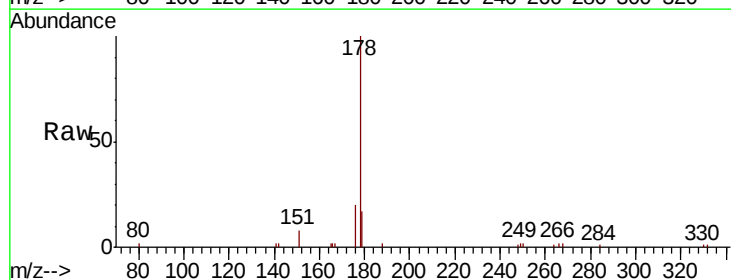
Tgt Ion:178 Resp: 4809

Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

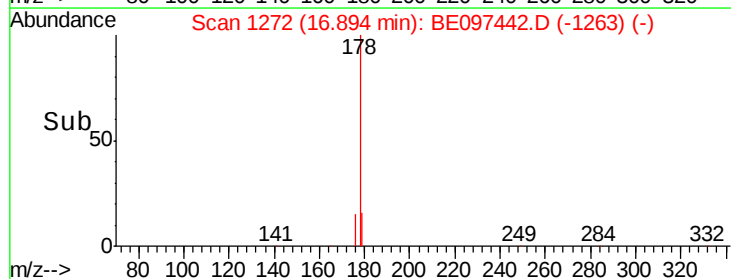
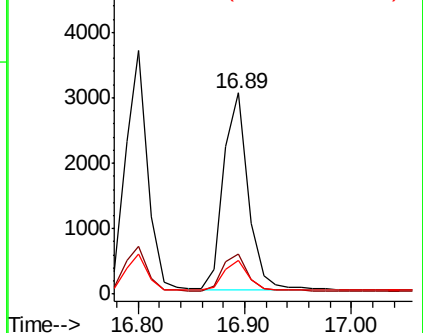
179 15.6 13.0 19.6

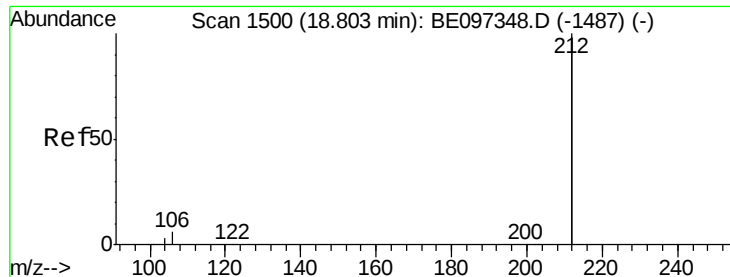


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.285 ng

RT: 18.80 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:08

Instrument :

BNA_E

ClientSampleId :

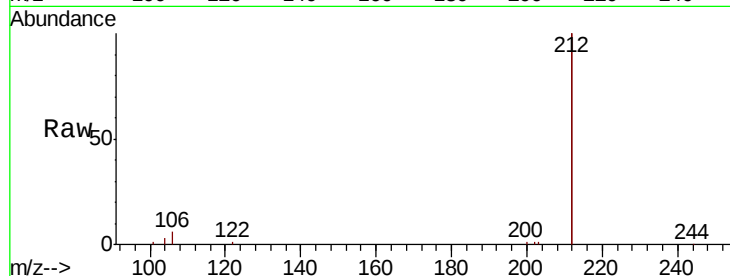
Tot Ion:212 Resp: 26315

Ion Ratio Lower Upper

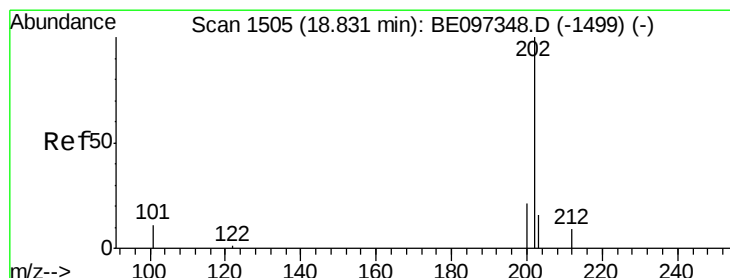
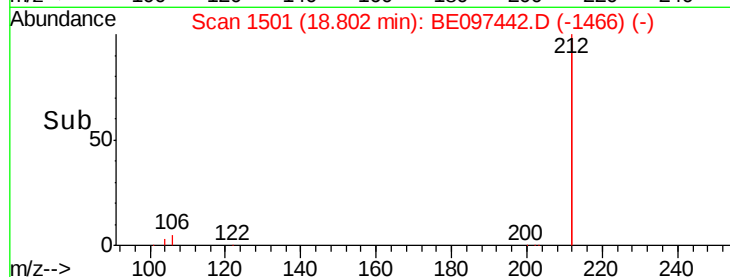
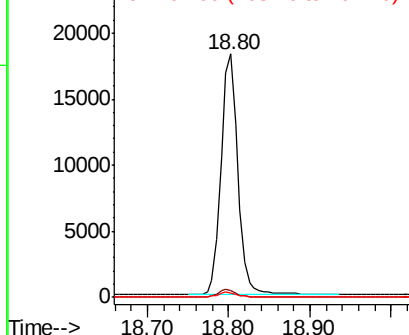
212 100

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: 0.274 ng

RT: 18.83 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:08

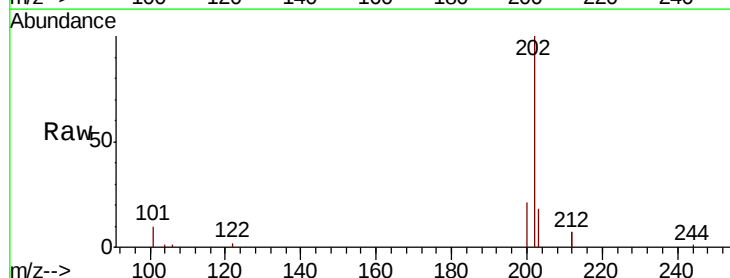
Tgt Ion:202 Resp: 6565

Ion Ratio Lower Upper

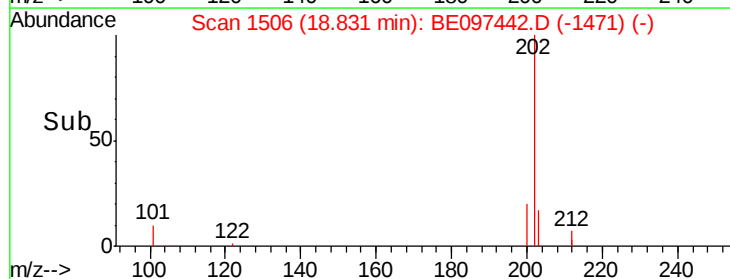
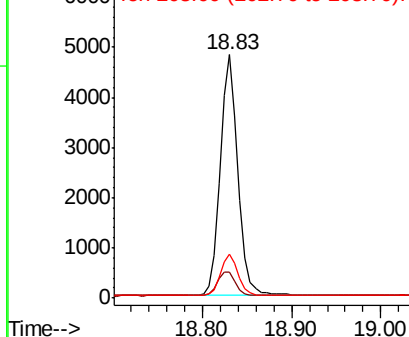
202 100

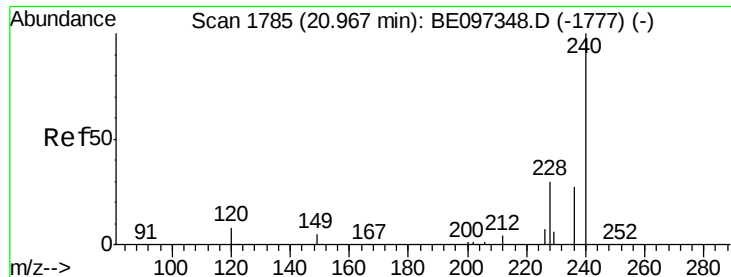
101 10.5 9.8 14.8

203 17.3 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: BE097442.D

Acq: 10 Sep 2018 10:08

Instrument :

BNA_E

ClientSampleId :

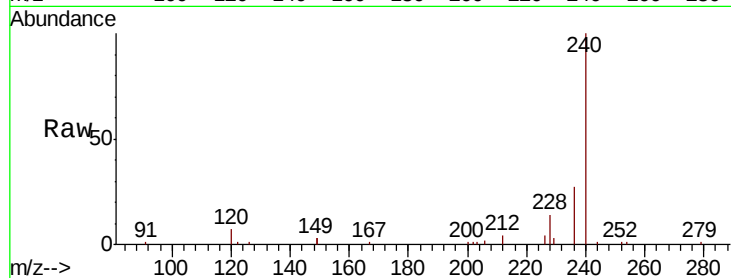
Tot Ion:240 Resp: 11371

Ion Ratio Lower Upper

240 100

120 6.7 5.5 8.3

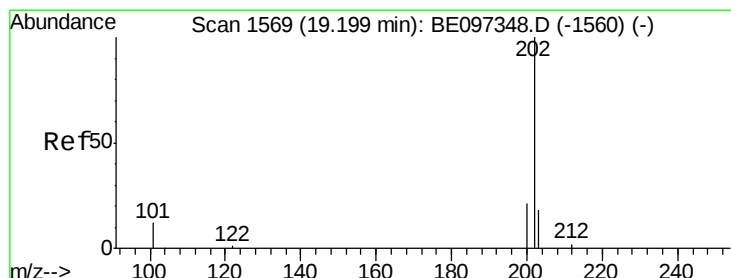
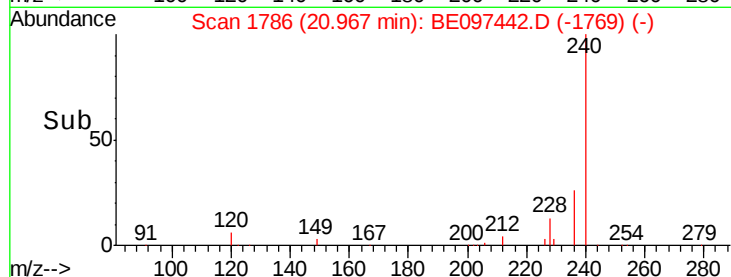
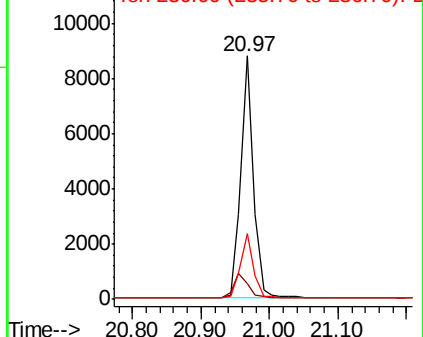
236 26.8 20.7 31.1



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: 0.247 ng

RT: 19.19 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:08

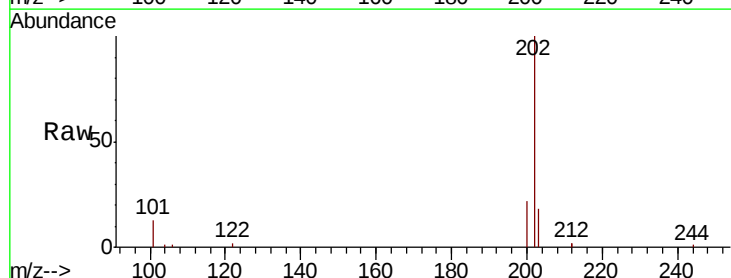
Tgt Ion:202 Resp: 6677

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

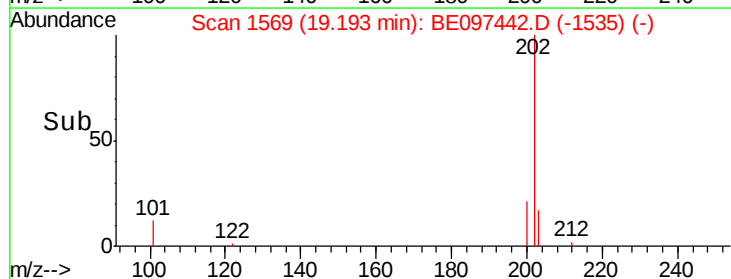
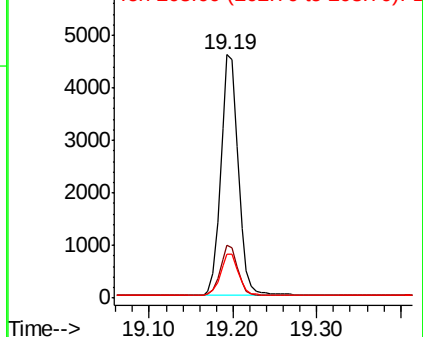
203 18.0 13.8 20.8

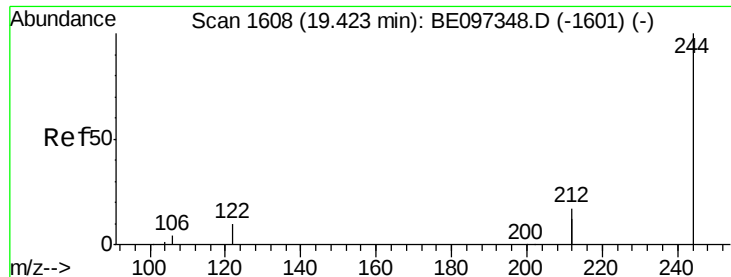


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.218 ng

RT: 19.42 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:08

Instrument :

BNA_E

ClientSampled :

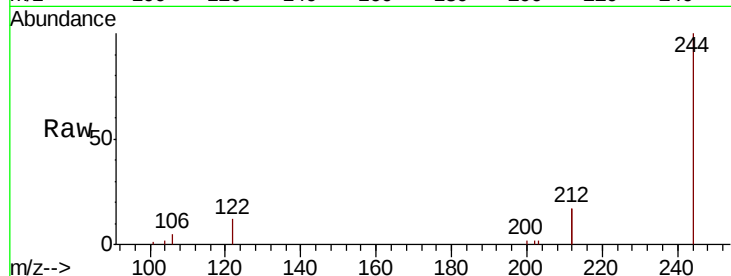
Tot Ion:244 Resp: 4576

Ion Ratio Lower Upper

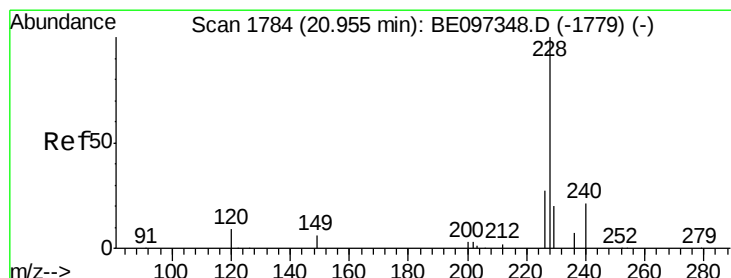
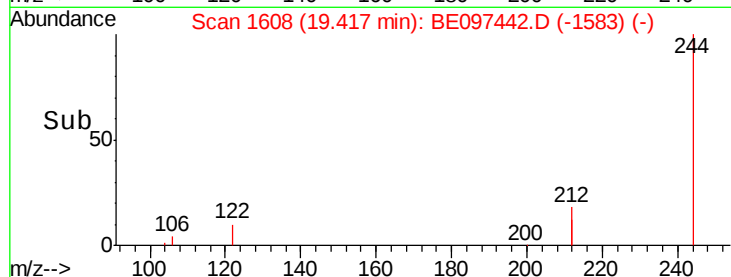
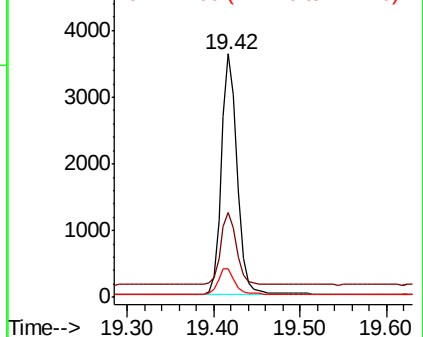
244 100

212 35.0 25.4 38.0

122 11.5 8.1 12.1



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



#30

Benzo(a)anthracene

Concen: 0.294 ng

RT: 20.95 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:08

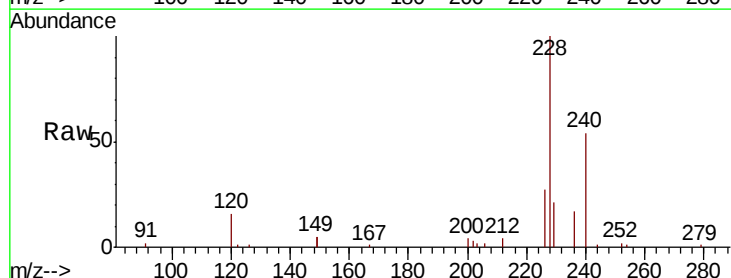
Tgt Ion:228 Resp: 8468

Ion Ratio Lower Upper

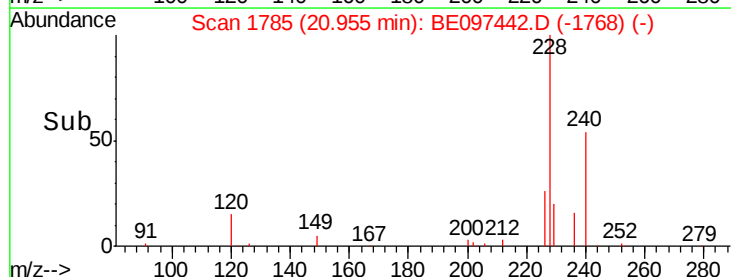
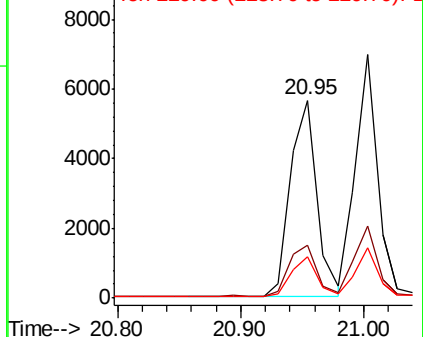
228 100

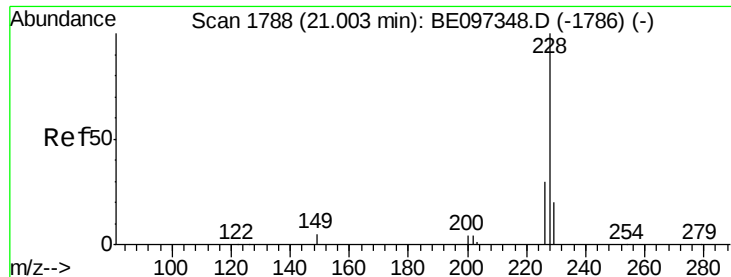
226 26.7 24.0 36.0

229 21.1 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: 0.280 ng

RT: 21.00 min Scan# 1789

Delta R.T. -0.00 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:08

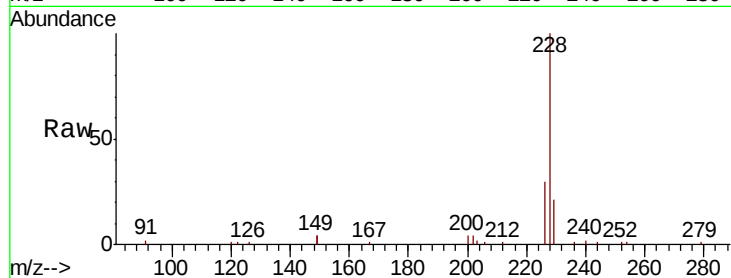
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 8655

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	20.7	16.0	24.0

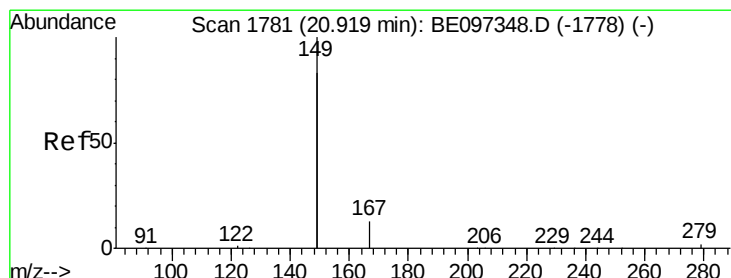
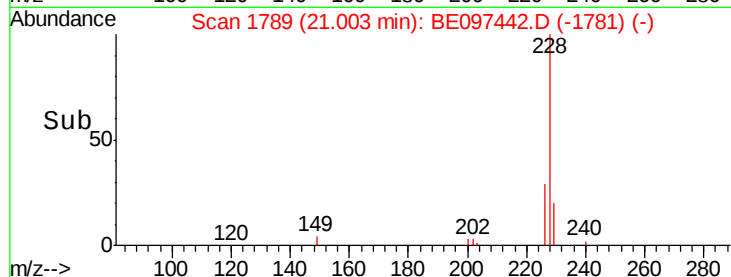
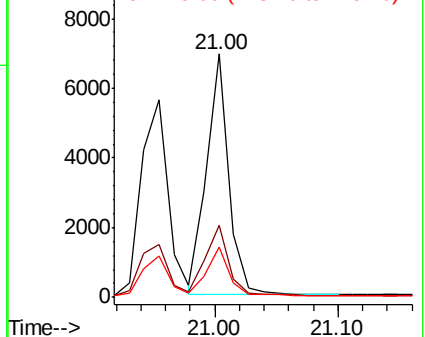


Abundance

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: 0.369 ng

RT: 20.91 min Scan# 1781

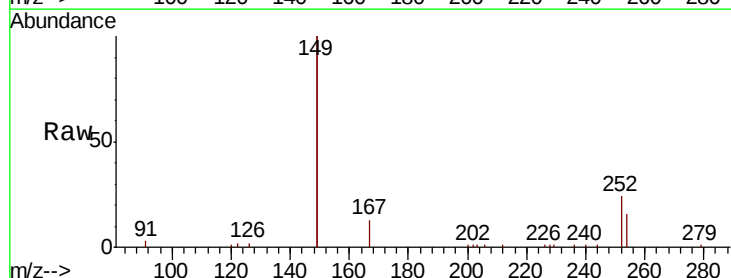
Delta R.T. -0.01 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:08

Tgt Ion:149 Resp: 11636

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.1	0.7	1.1#

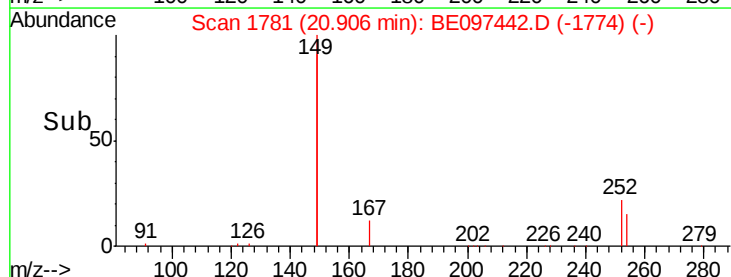
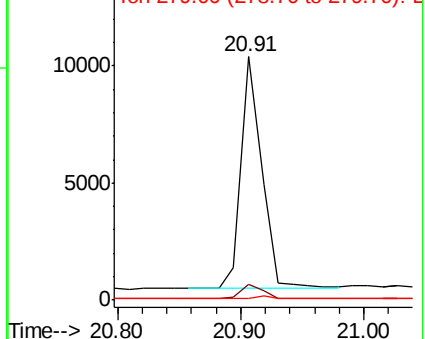


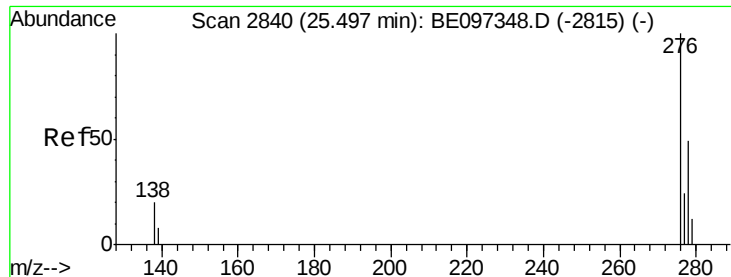
Abundance

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

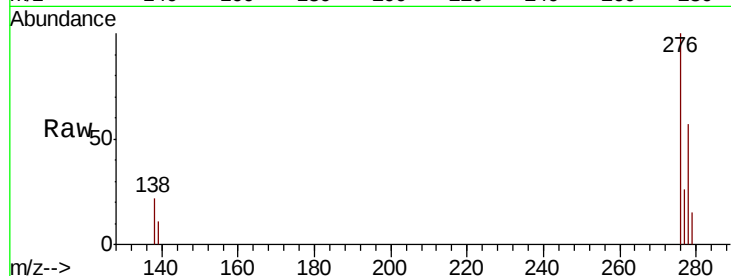




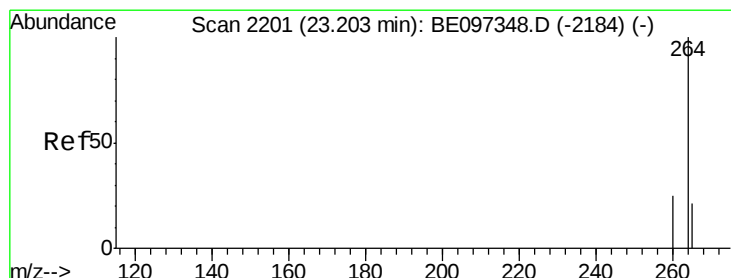
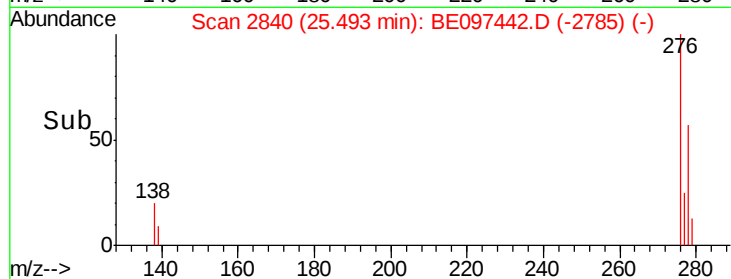
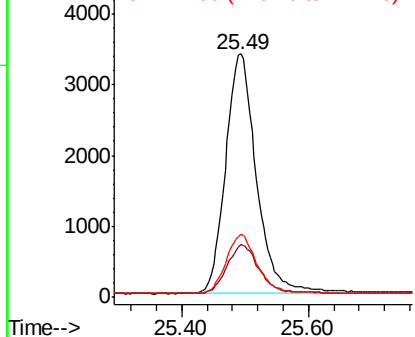
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.272 ng
 RT: 25.49 min Scan# 2840
 Delta R.T. -0.00 min
 Lab File: BE097442.D
 Acq: 10 Sep 2018 10:08

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 11470
 Ion Ratio Lower Upper
 276 100
 138 20.7 22.5 33.7#
 277 25.2 19.9 29.9

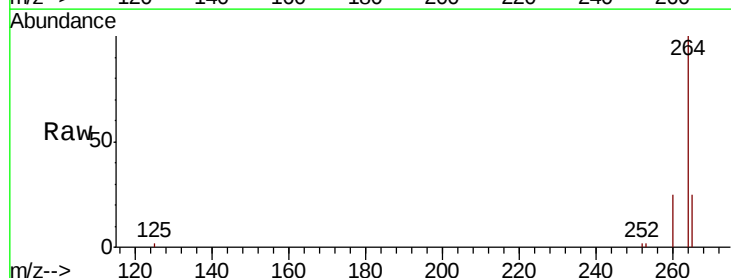


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

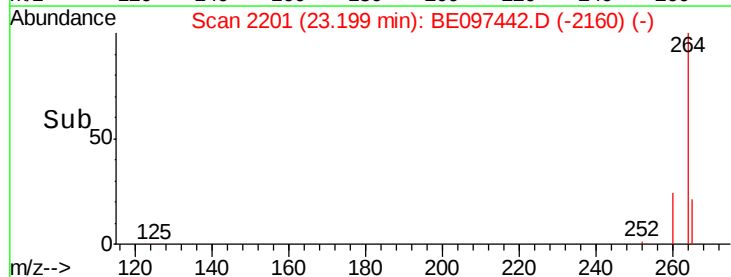
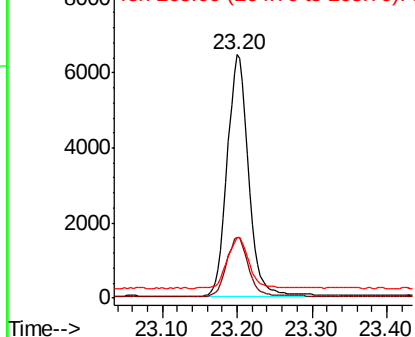


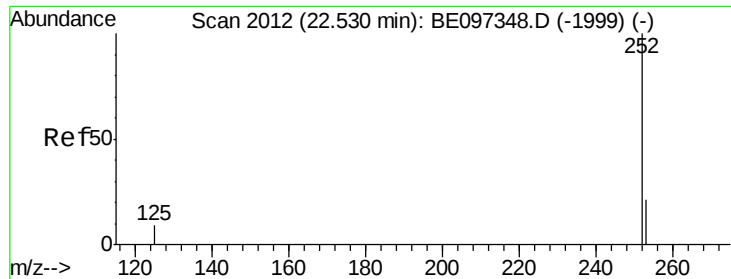
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BE097442.D
 Acq: 10 Sep 2018 10:08

Tgt Ion:264 Resp: 12744
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.5 30.7
 265 25.0 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

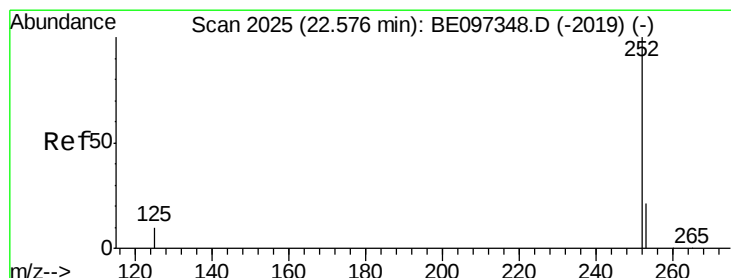
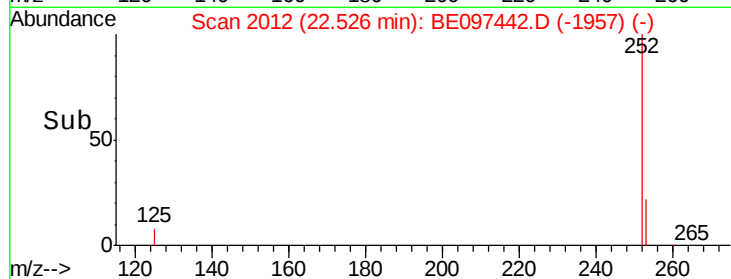
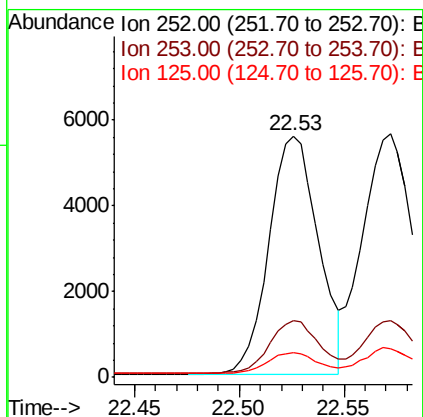
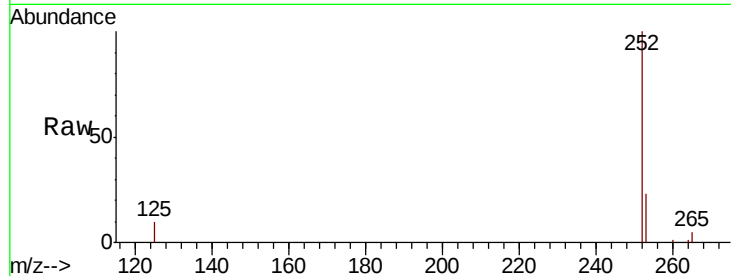




#35
Benzo(b)fluoranthene
Concen: 0.273 ng
RT: 22.53 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

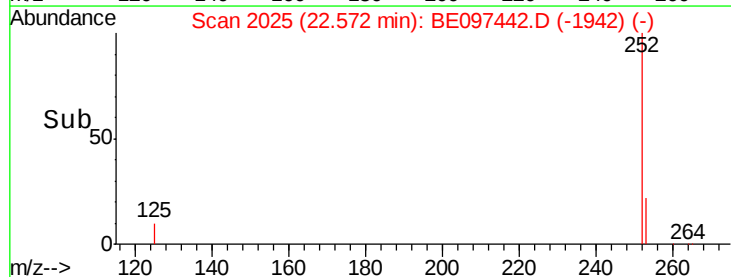
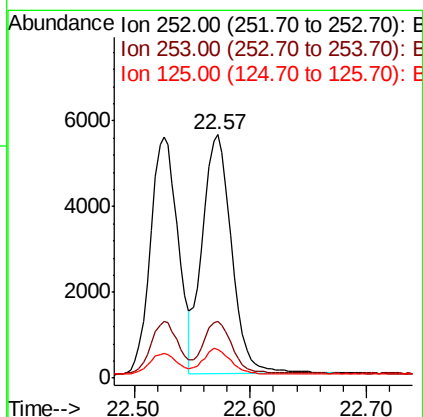
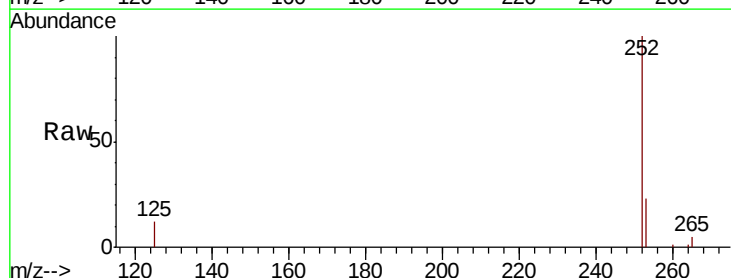
Instrument :
BNA_E
ClientSampleId :

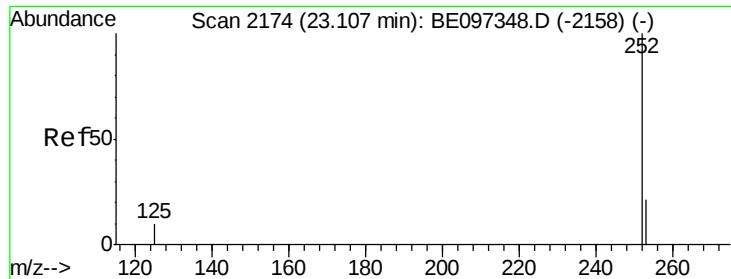
Tot Ion:252 Resp: 9138
Ion Ratio Lower Upper
252 100
253 23.4 20.0 30.0
125 10.1 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.266 ng
RT: 22.57 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Tgt Ion:252 Resp: 9783
Ion Ratio Lower Upper
252 100
253 23.4 16.0 24.0
125 11.7 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.275 ng

RT: 23.10 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:08

Instrument :

BNA_E

ClientSampleId :

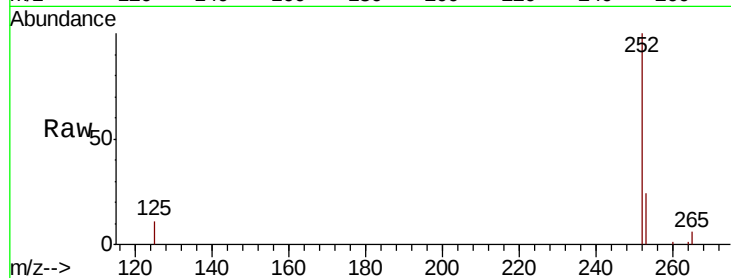
Tot Ion:252 Resp: 9052

Ion Ratio Lower Upper

252 100

253 23.6 16.0 24.0

125 11.3 12.0 18.0#

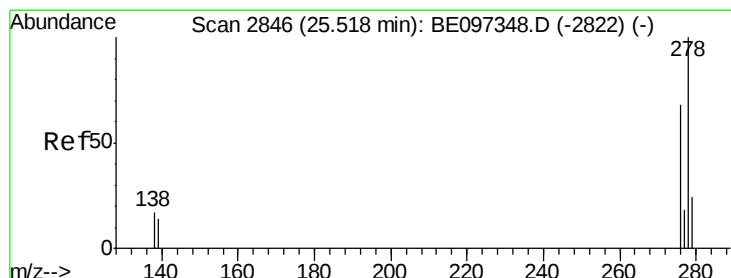
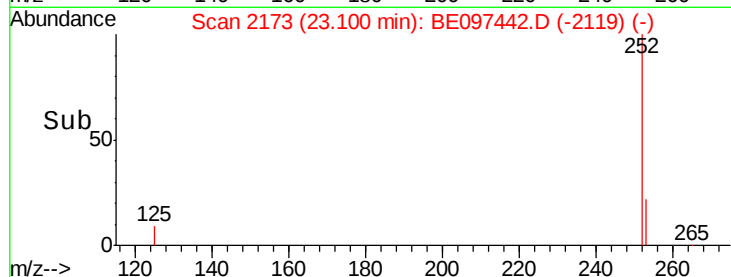
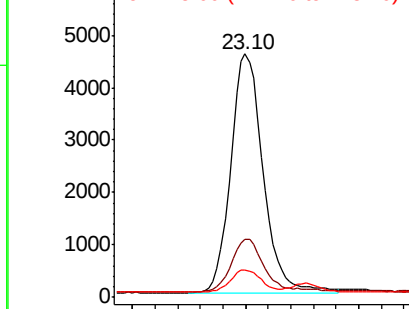


Abundance

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: 0.235 ng

RT: 25.51 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:08

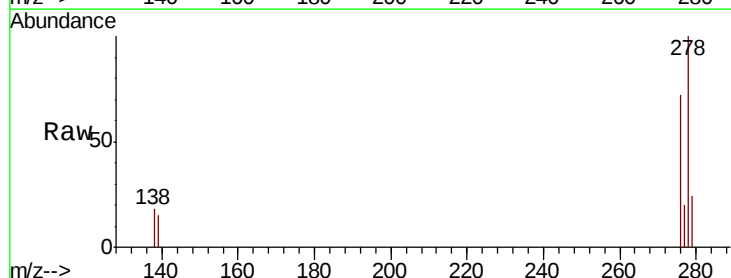
Tgt Ion:278 Resp: 9633

Ion Ratio Lower Upper

278 100

139 15.3 16.0 24.0#

279 24.1 20.0 30.0

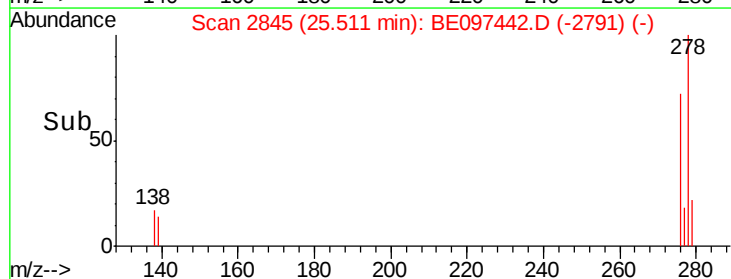
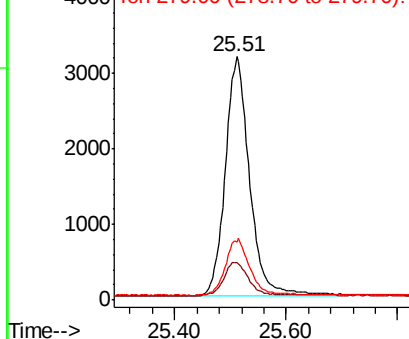


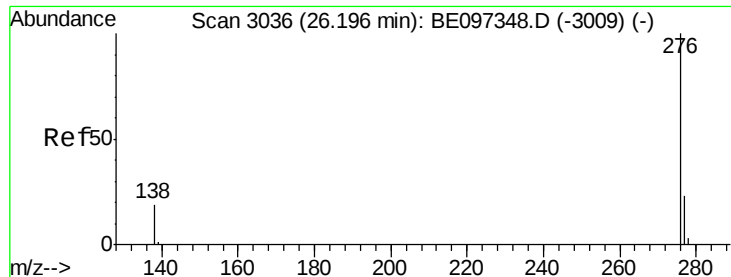
Abundance

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: 0.223 ng

RT: 26.19 min Scan# 3036

Delta R.T. -0.00 min

Lab File: BE097442.D

Acq: 10 Sep 2018 10:08

Instrument :

BNA_E

ClientSampleId :

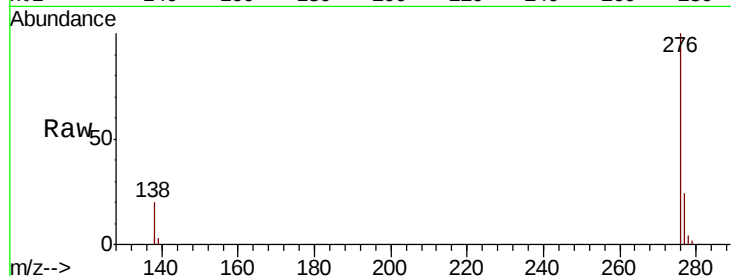
Tot Ion: 276 Resp: 9714

Ion Ratio Lower Upper

276 100

277 24.5 16.0 24.0#

138 20.0 20.0 30.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

