

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
 Data File : BE097516.D
 Acq On : 18 Sep 2018 4:23
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 18 05:54:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 17 18:57:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	861	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4143	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2508	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	6743	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8086	0.40	ng	0.00
34) Perylene-d12	23.21	264	8261	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	1082	0.37	ng	0.00
5) Phenol-d6	6.60	99	1430	0.39	ng	0.00
8) Nitrobenzene-d5	8.52	82	1270	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2451	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	431	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	3604	0.41	ng	0.00
25) Fluoranthene-d10	18.80	212	31384	0.39	ng	0.00
29) Terphenyl-d14	19.42	244	6319	0.41	ng	0.00

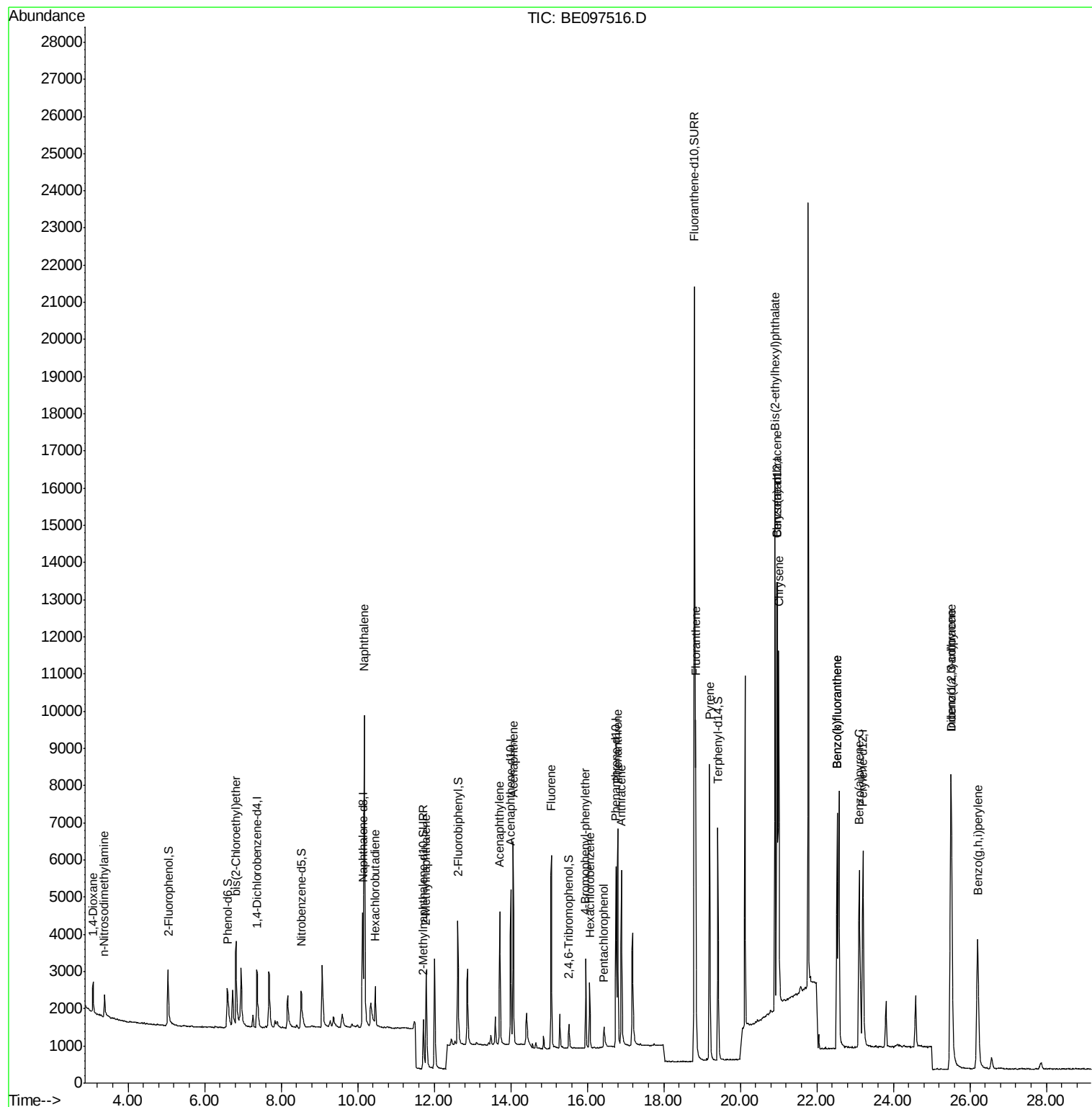
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.08	88	595	0.400	ng	# 90
3) n-Nitrosodimethylamine	3.37	42	480	0.386	ng	# 85
6) bis(2-Chloroethyl)ether	6.83	93	1168	0.395	ng	# 85
9) Naphthalene	10.17	128	15633	0.416	ng	# 99
10) Hexachlorobutadiene	10.46	225	690	0.387	ng	# 99
12) 2-Methylnaphthalene	11.79	142	2523	0.419	ng	# 98
16) Acenaphthylene	13.71	152	4105	0.376	ng	# 99
17) Acenaphthene	14.06	154	2749	0.408	ng	# 96
18) Fluorene	15.06	166	3566	0.415	ng	# 80
20) 4-Bromophenyl-phenylether	15.96	248	1281	0.393	ng	# 86
21) Hexachlorobenzene	16.07	284	1411	0.409	ng	# 84
22) Pentachlorophenol	16.44	266	457	0.844	ng	# 78
23) Phenanthrene	16.80	178	6701	0.423	ng	# 99
24) Anthracene	16.89	178	5678	0.388	ng	# 96
26) Fluoranthene	18.83	202	8047	0.389	ng	# 98
28) Pyrene	19.20	202	8460	0.407	ng	# 100
30) Benzo(a)anthracene	20.95	228	8263	0.389	ng	# 97
31) Chrysene	21.00	228	9026	0.414	ng	# 100
32) Bis(2-ethylhexyl)phthalate	20.91	149	14946	0.331	ng	# 100
33) Indeno(1,2,3-cd)pyrene	25.50	276	11230	0.432	ng	# 95
35) Benzo(b)fluoranthene	22.53	252	8294	0.393	ng	# 89
36) Benzo(k)fluoranthene	22.53	252	8294	0.360	ng	# 94
37) Benzo(a)pyrene	23.11	252	8610	0.410	ng	# 92
38) Dibenzo(a,h)anthracene	25.52	278	9284	0.424	ng	# 97
39) Benzo(g,h,i)perylene	26.20	276	9085	0.406	ng	# 90

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

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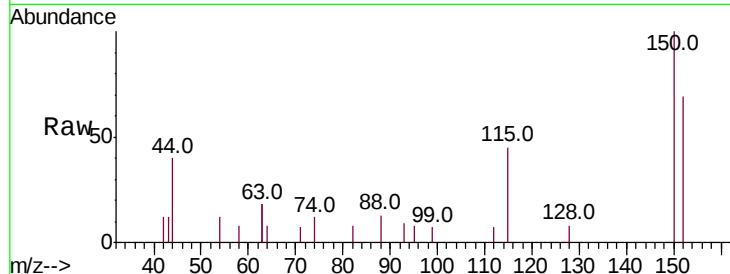


#1

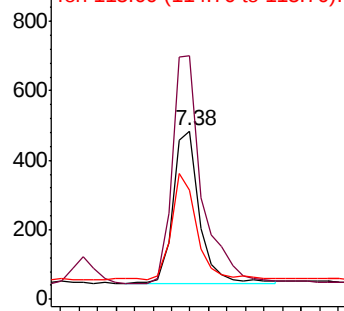
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097516.D
Acq: 18 Sep 2018 4:23

Instrument :
BNA_E
ClientSampleId :

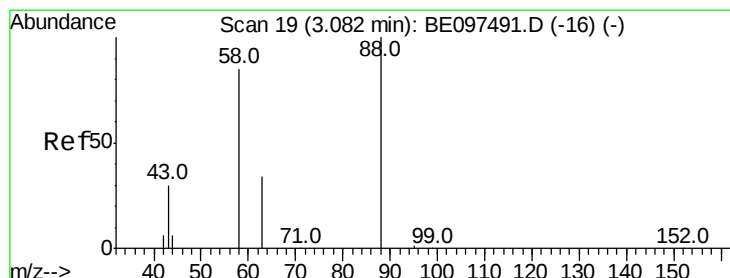
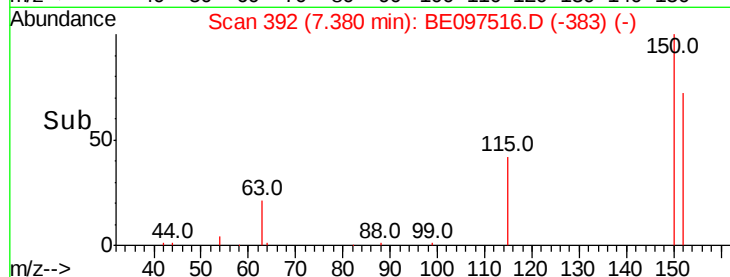
Tot Ion:152 Resp: 861
Ion Ratio Lower Upper
152 100
150 144.8 117.2 175.8
115 65.1 57.0 85.6



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



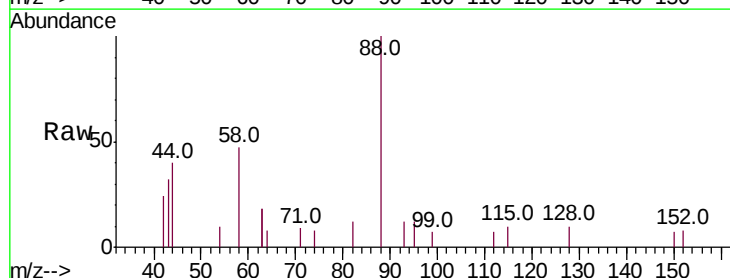
Time-->



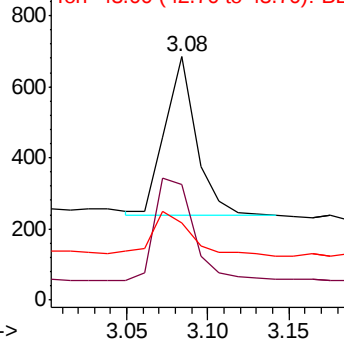
#2

1,4-Dioxane
Concen: 0.400 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.00 min
Lab File: BE097516.D
Acq: 18 Sep 2018 4:23

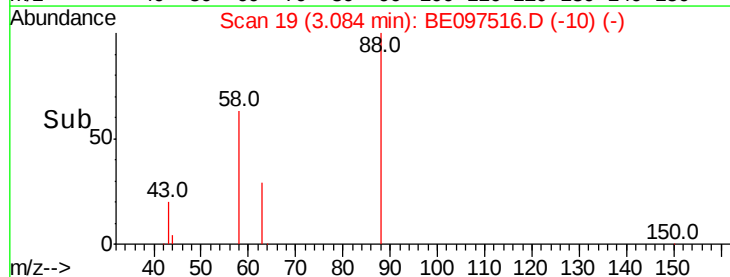
Tgt Ion: 88 Resp: 595
Ion Ratio Lower Upper
88 100
58 80.3 63.2 94.8
43 34.6 41.2 61.8#

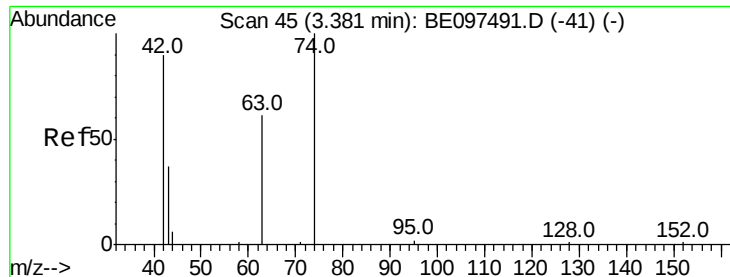


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.386 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.01 min

Lab File: BE097516.D

Acq: 18 Sep 2018 4:23

Instrument :

BNA_E

ClientSampleId :

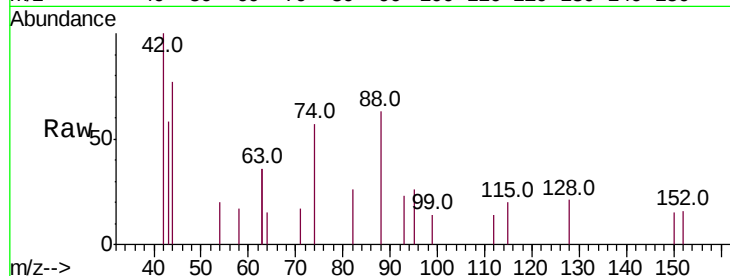
Tot Ion: 42 Resp: 480

Ion Ratio Lower Upper

42 100

74 134.2 96.0 144.0

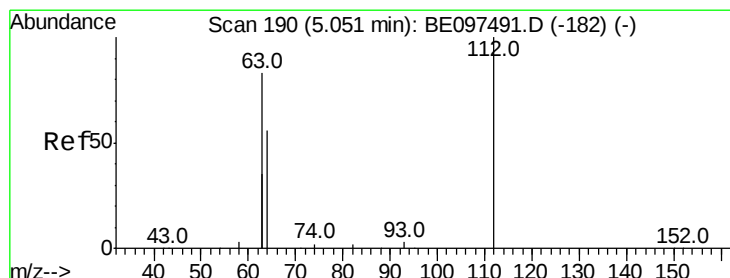
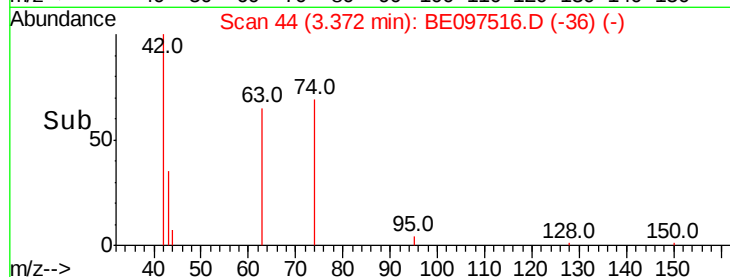
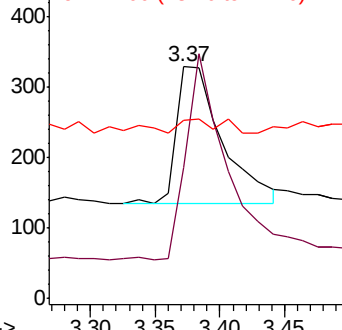
44 0.0 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.371 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097516.D

Acq: 18 Sep 2018 4:23

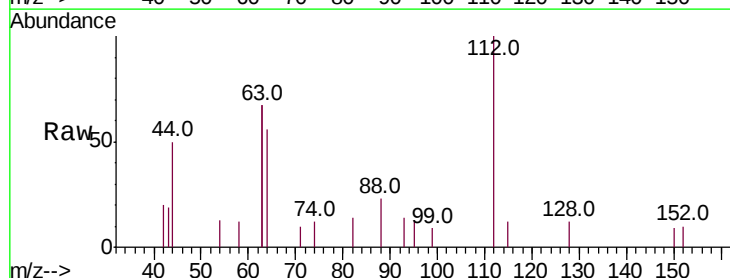
Tgt Ion: 112 Resp: 1082

Ion Ratio Lower Upper

112 100

64 68.0 60.1 90.1

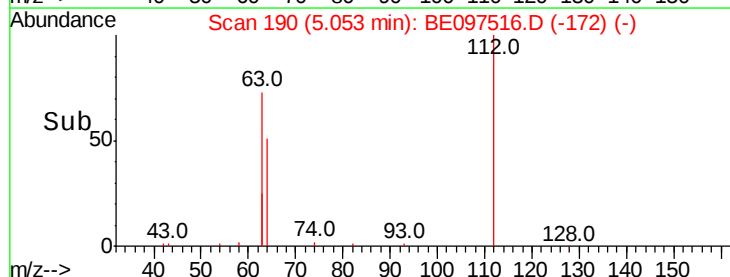
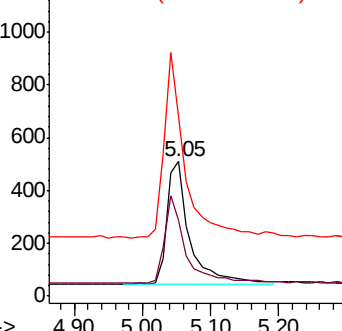
63 143.4 116.8 175.2

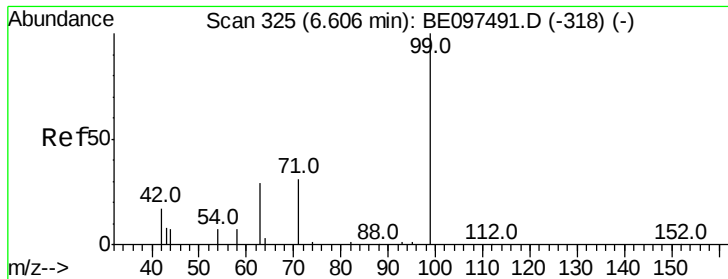


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.386 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.01 min

Lab File: BE097516.D

Acq: 18 Sep 2018 4:23

Instrument :

BNA_E

ClientSampleId :

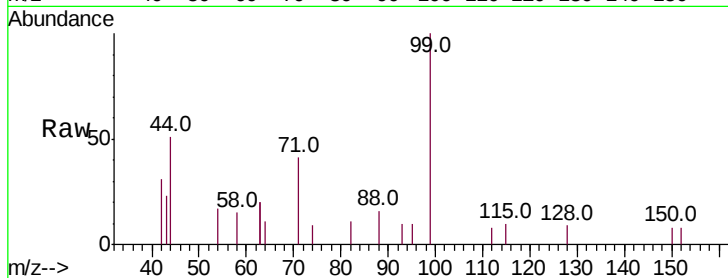
Tot Ion: 99 Resp: 1430

Ion Ratio Lower Upper

99 100

42 20.7 20.2 30.2

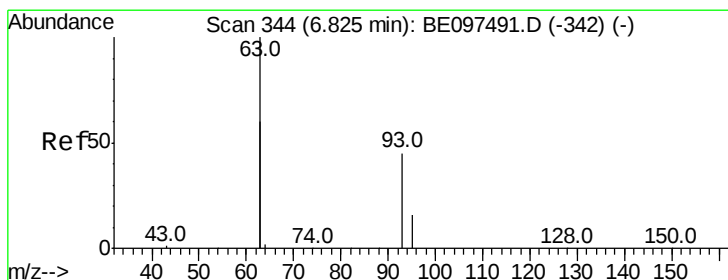
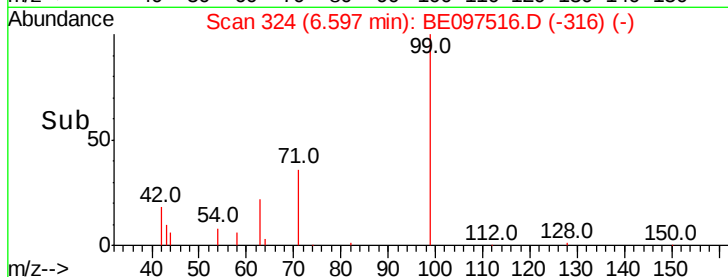
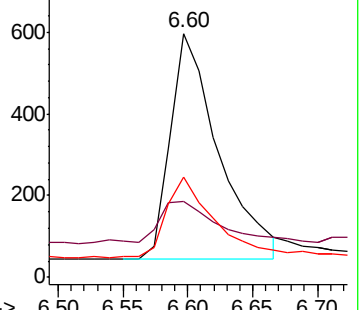
71 34.6 28.4 42.6



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: 0.395 ng

RT: 6.83 min Scan# 344

Delta R.T. 0.00 min

Lab File: BE097516.D

Acq: 18 Sep 2018 4:23

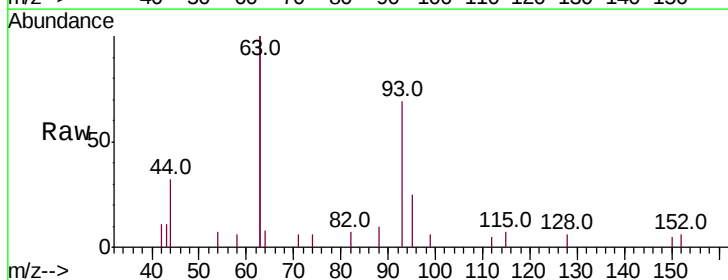
Tgt Ion: 93 Resp: 1168

Ion Ratio Lower Upper

93 100

63 310.4 275.3 412.9

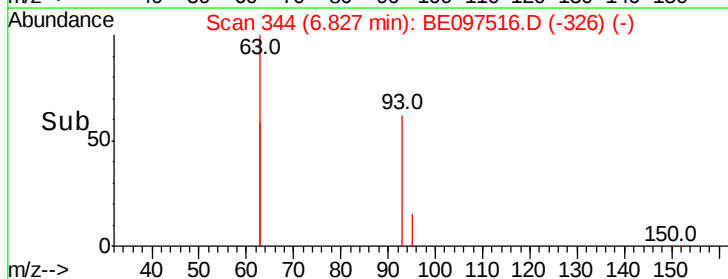
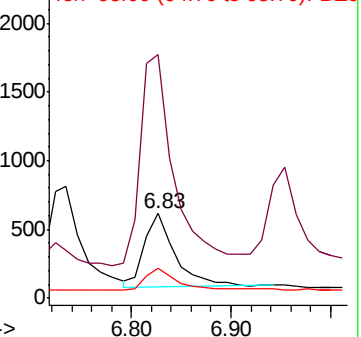
95 33.7 25.2 37.8

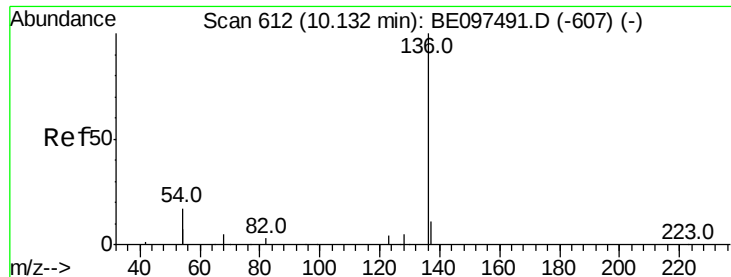


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097516.D

Acq: 18 Sep 2018 4:23

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4143

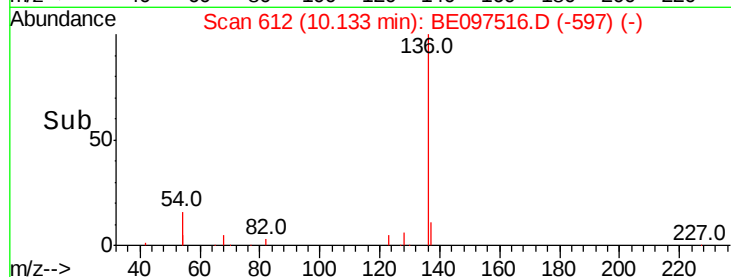
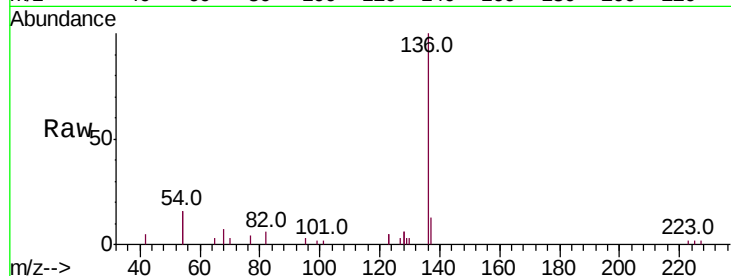
Ion Ratio Lower Upper

136 100

137 13.1 9.5 14.3

54 31.6 29.1 43.7

68 7.0 6.2 9.2

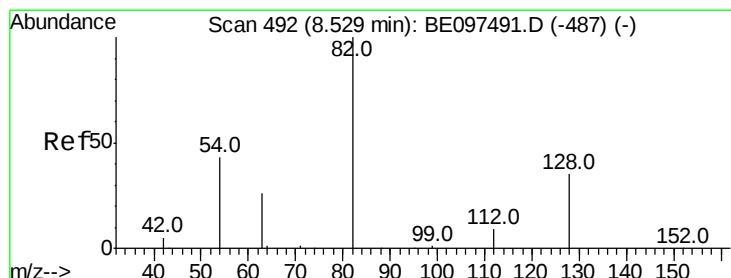
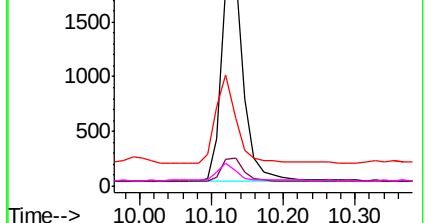


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.381 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.01 min

Lab File: BE097516.D

Acq: 18 Sep 2018 4:23

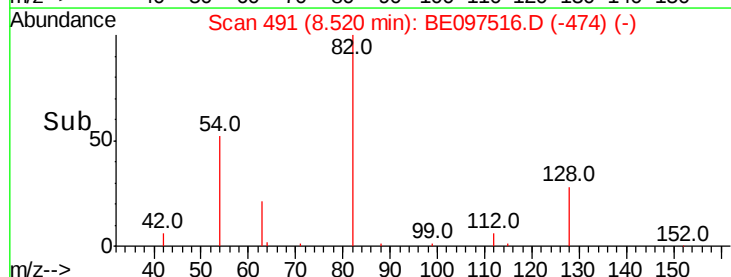
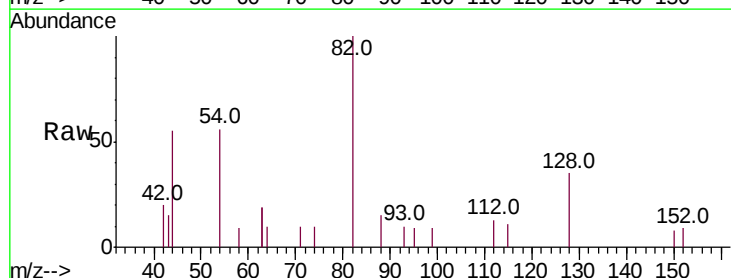
Tgt Ion: 82 Resp: 1270

Ion Ratio Lower Upper

82 100

128 34.9 24.0 36.0

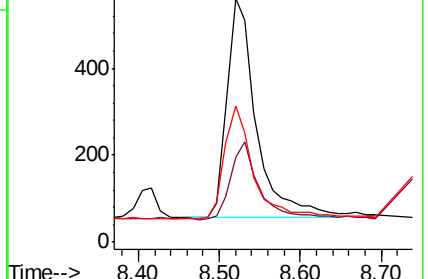
54 56.0 40.0 60.0

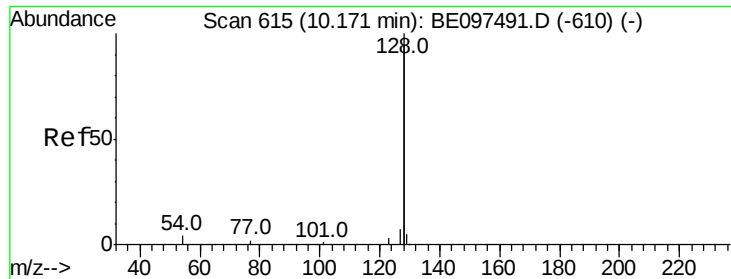


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.416 ng

RT: 10.17 min Scan# 615

Delta R.T. 0.00 min

Lab File: BE097516.D

Acq: 18 Sep 2018 4:23

Instrument :

BNA_E

ClientSampled :

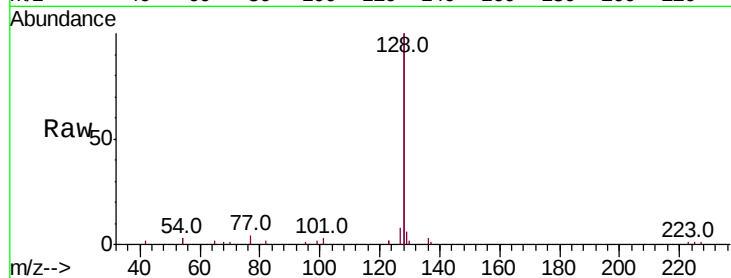
Tot Ion:128 Resp: 15633

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

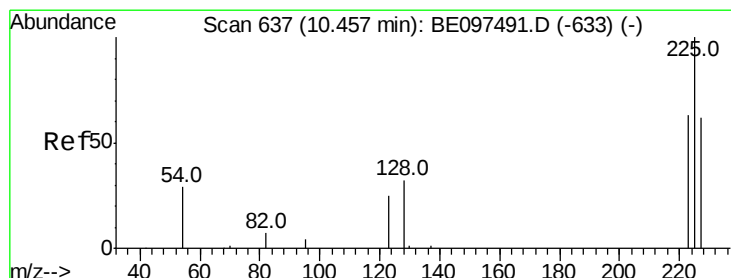
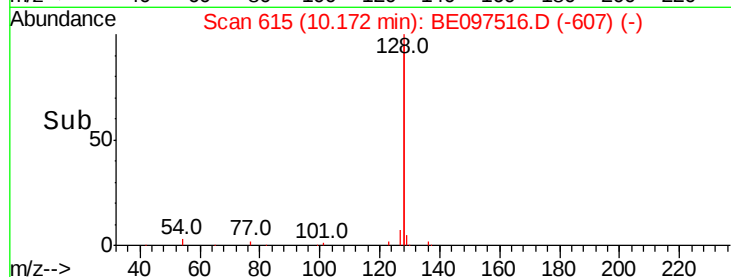
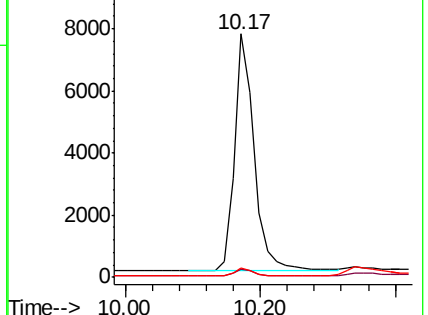
127 3.9 2.8 4.2



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: 0.387 ng

RT: 10.46 min Scan# 637

Delta R.T. 0.00 min

Lab File: BE097516.D

Acq: 18 Sep 2018 4:23

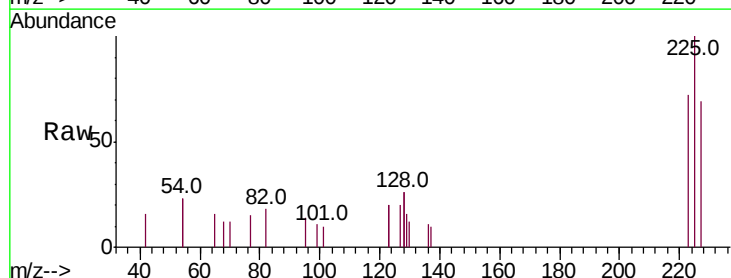
Tgt Ion:225 Resp: 690

Ion Ratio Lower Upper

225 100

223 65.8 53.0 79.6

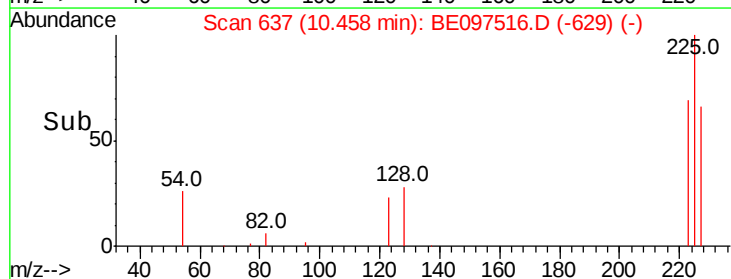
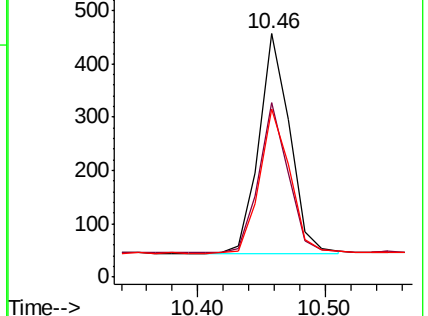
227 65.1 51.4 77.2

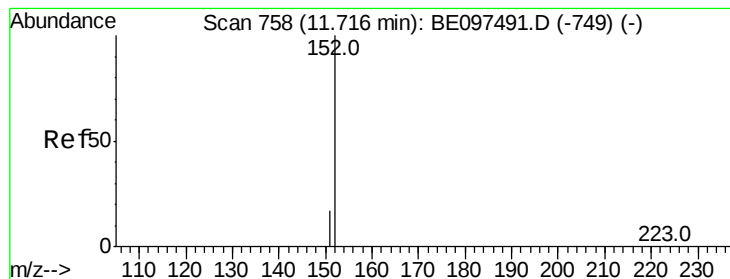


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.414 ng

RT: 11.72 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE097516.D

Acq: 18 Sep 2018 4:23

Instrument :

BNA_E

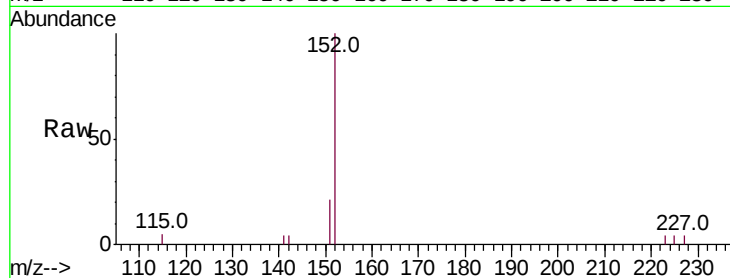
ClientSampleId :

Tot Ion:152 Resp: 2451

Ion Ratio Lower Upper

152 100

151 18.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

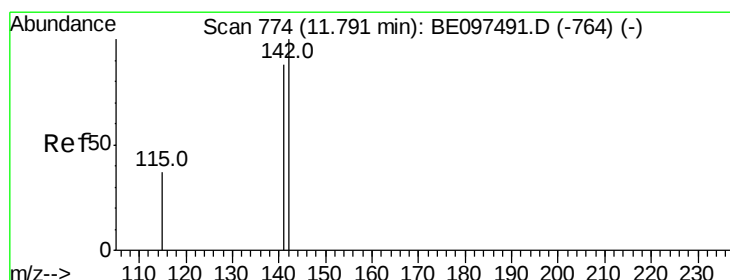
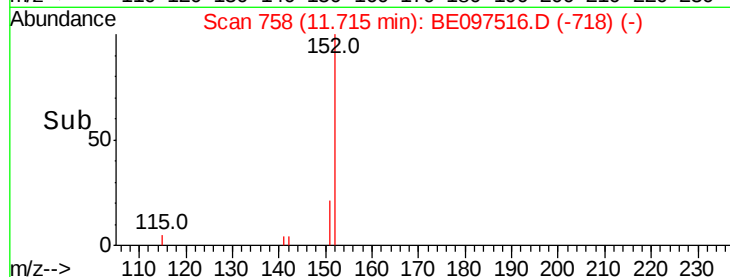
11.72

1000

500

0

Time--> 11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.419 ng

RT: 11.79 min Scan# 774

Delta R.T. -0.00 min

Lab File: BE097516.D

Acq: 18 Sep 2018 4:23

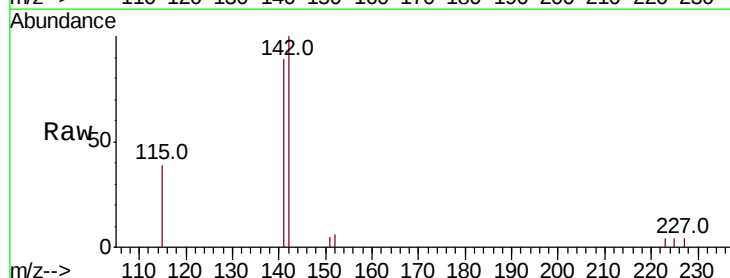
Tgt Ion:142 Resp: 2523

Ion Ratio Lower Upper

142 100

141 89.5 70.4 105.6

115 38.6 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

11.79

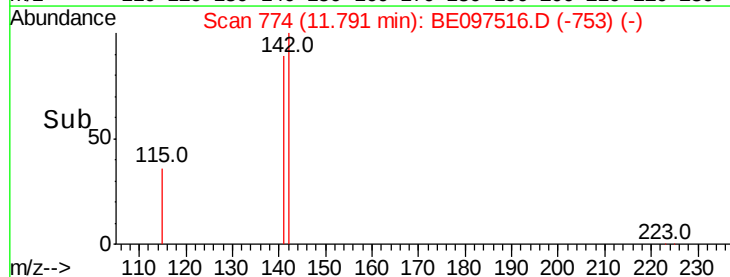
1500

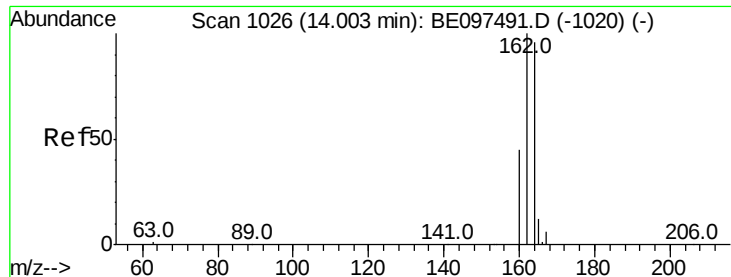
1000

500

0

Time--> 11.70 11.80 11.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE097516.D

Acq: 18 Sep 2018 4:23

Instrument :

BNA_E

ClientSampleId :

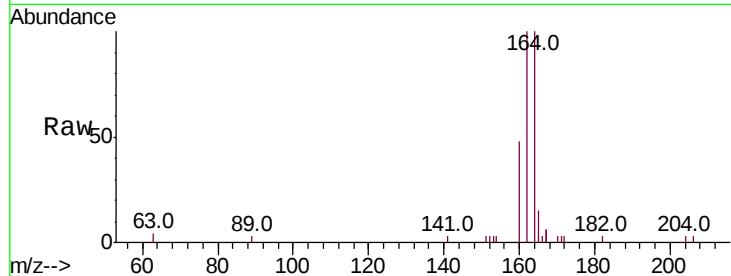
Tot Ion:164 Resp: 2508

Ion Ratio Lower Upper

164 100

162 100.5 83.1 124.7

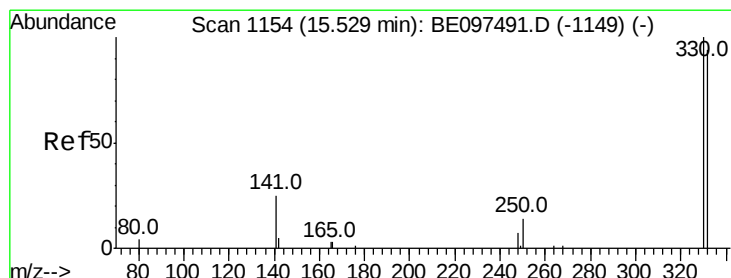
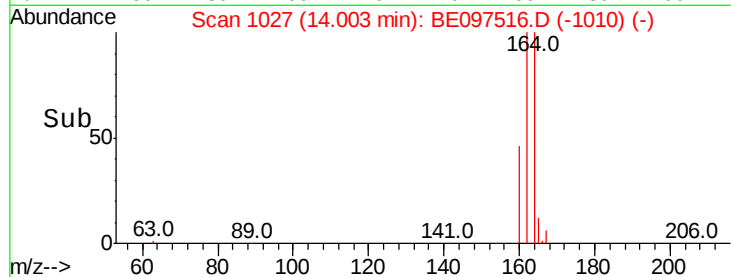
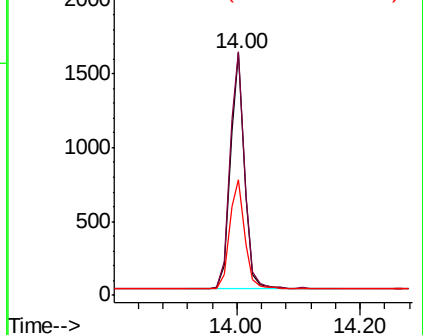
160 47.9 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.325 ng

RT: 15.52 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BE097516.D

Acq: 18 Sep 2018 4:23

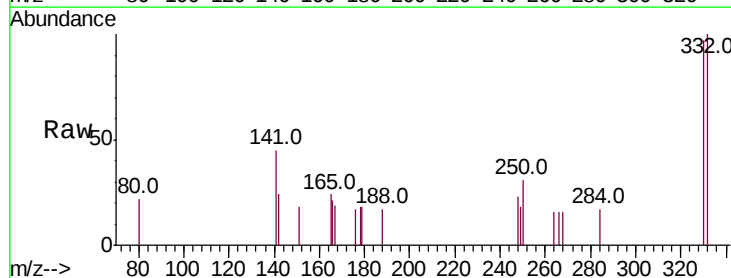
Tgt Ion:330 Resp: 431

Ion Ratio Lower Upper

330 100

332 98.4 152.7 229.1#

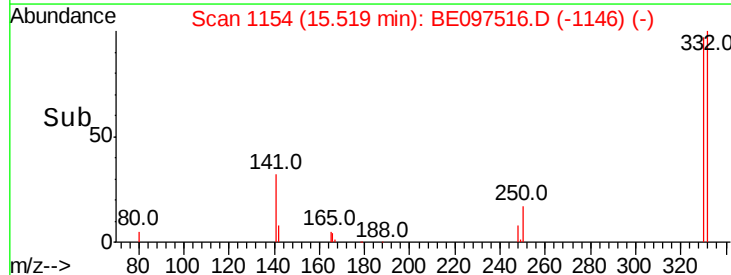
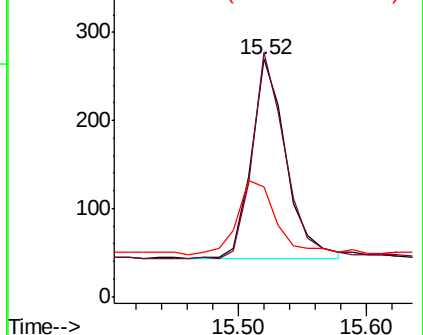
141 41.3 33.7 50.5

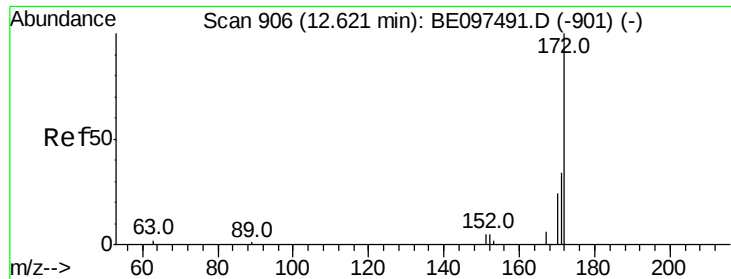


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

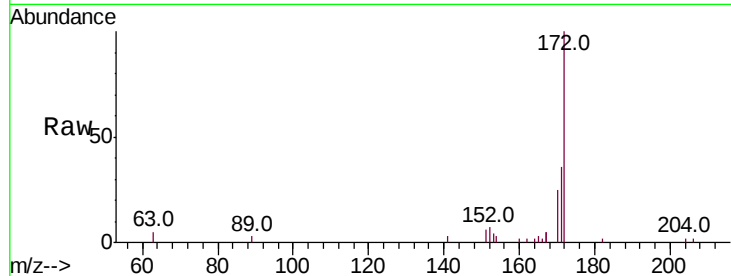




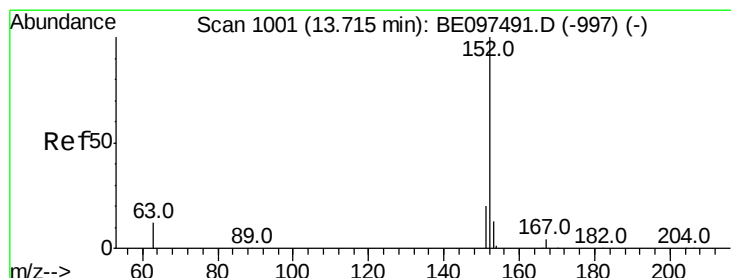
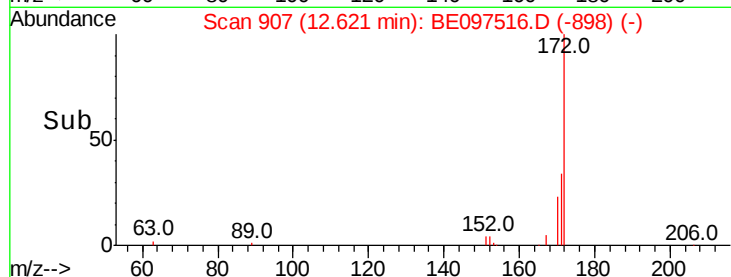
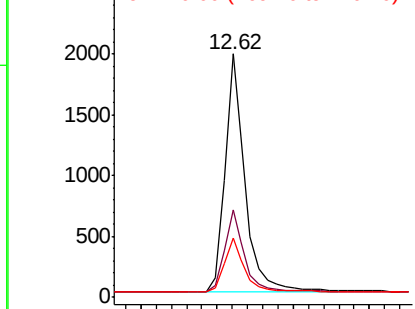
#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 12.62 min Scan# 907
Delta R.T. -0.00 min
Lab File: BE097516.D
Acq: 18 Sep 2018 4:23

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 3604
Ion Ratio Lower Upper
172 100
171 35.9 29.9 44.9
170 24.6 21.8 32.8

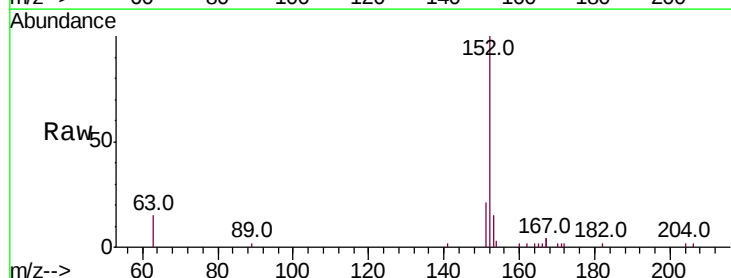


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

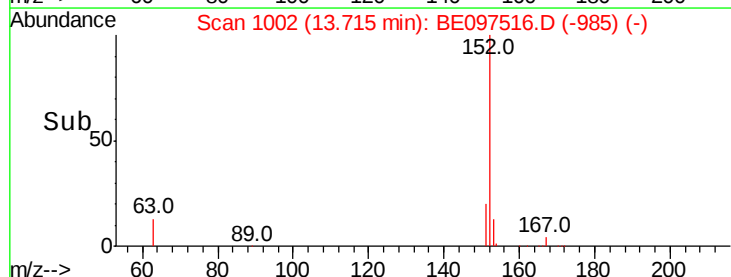
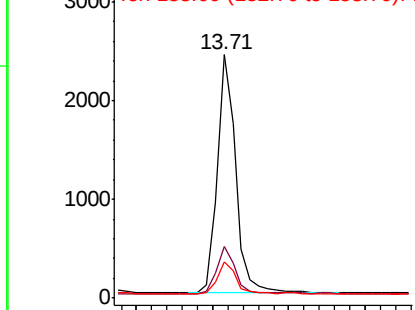


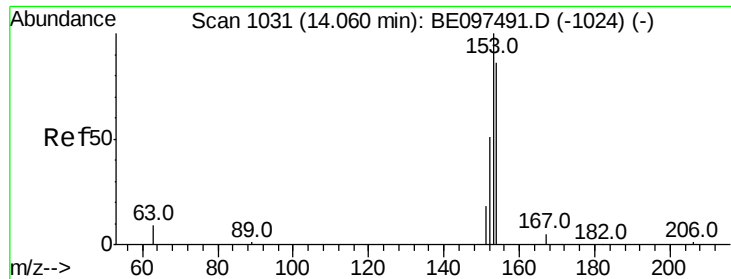
#16
Acenaphthylene
Concen: 0.376 ng
RT: 13.71 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE097516.D
Acq: 18 Sep 2018 4:23

Tgt Ion:152 Resp: 4105
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.2 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

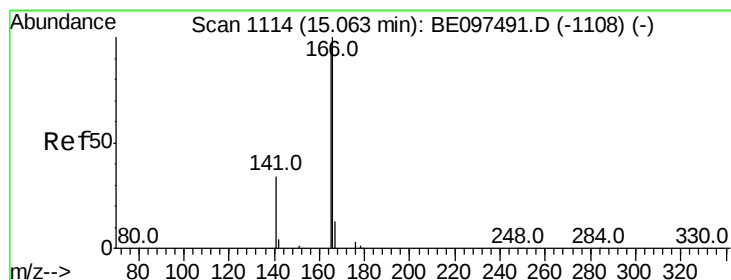
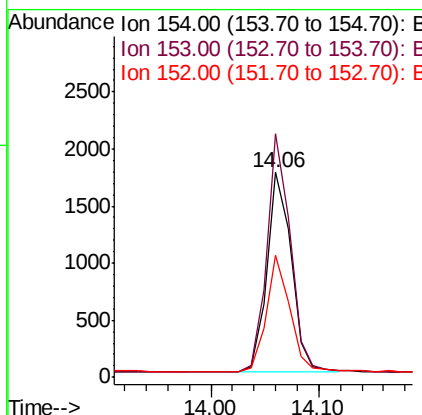
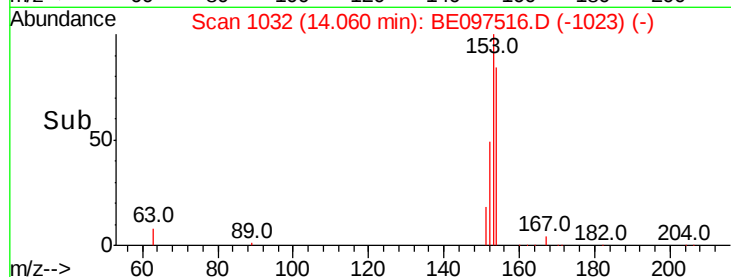
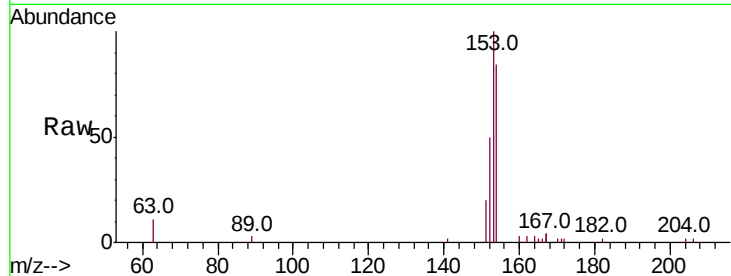




#17
Acenaphthene
Concen: 0.408 ng
RT: 14.06 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BE097516.D
Acq: 18 Sep 2018 4:23

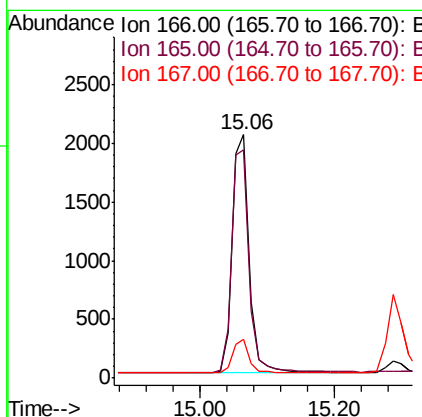
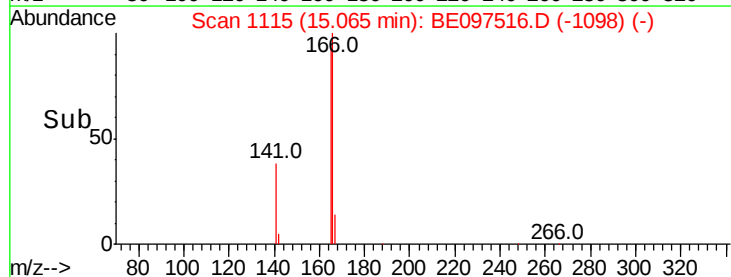
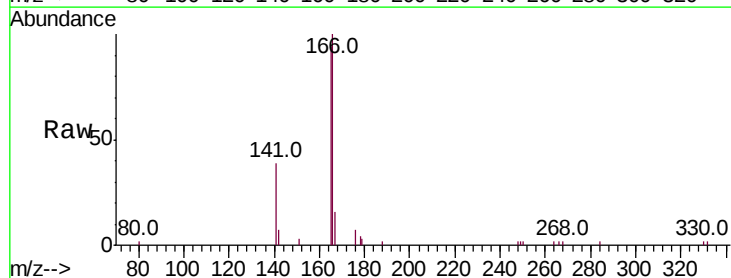
Instrument :
BNA_E
ClientSampleId :

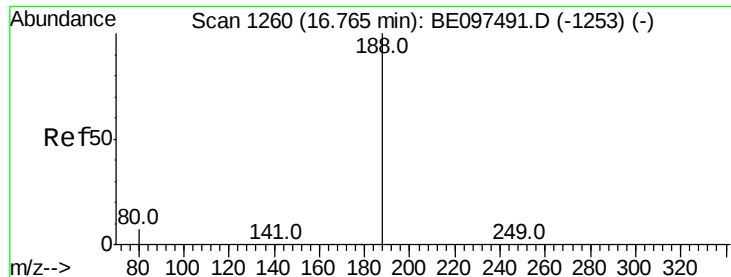
Tot Ion:154 Resp: 2749
Ion Ratio Lower Upper
154 100
153 115.0 89.2 133.8
152 55.9 42.0 63.0



#18
Fluorene
Concen: 0.415 ng
RT: 15.06 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE097516.D
Acq: 18 Sep 2018 4:23

Tgt Ion:166 Resp: 3566
Ion Ratio Lower Upper
166 100
165 96.0 77.8 116.6
167 13.5 42.4 63.6#

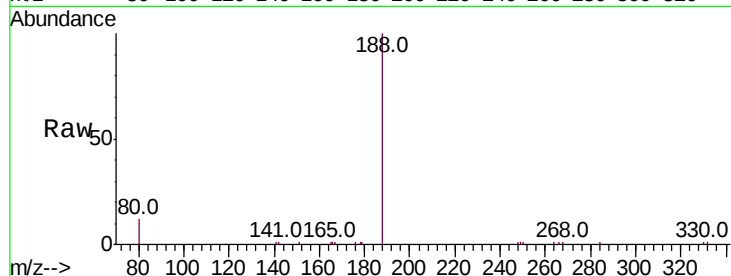




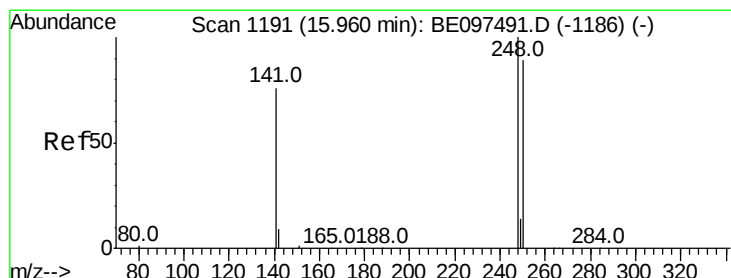
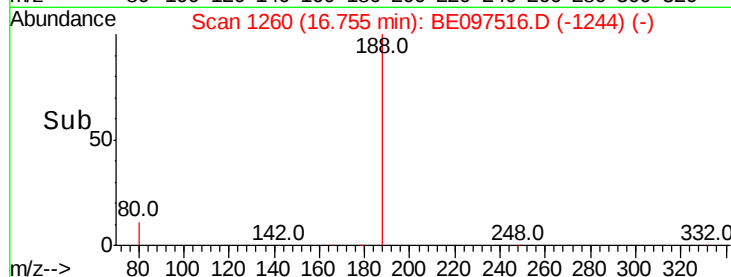
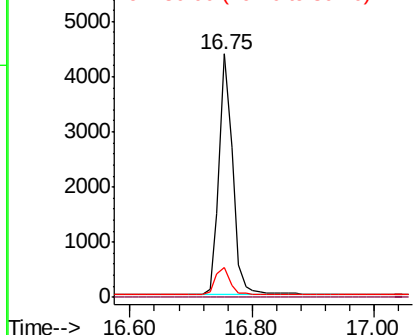
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BE097516.D
Acq: 18 Sep 2018 4:23

Instrument :
BNA_E
ClientSampleId :

Tot Ion:188 Resp: 6743
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 12.1 3.6 5.4#

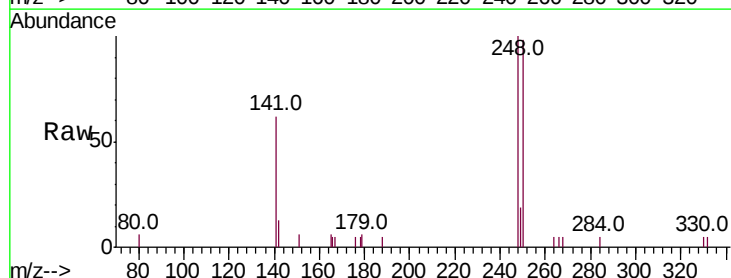


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

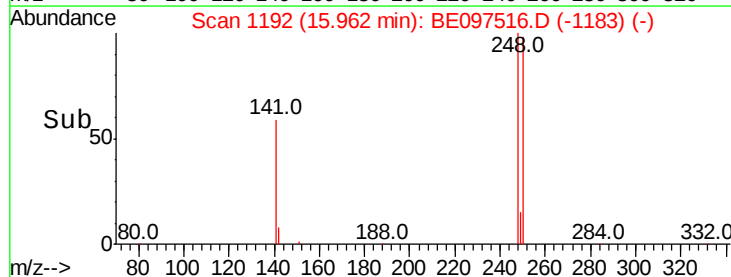
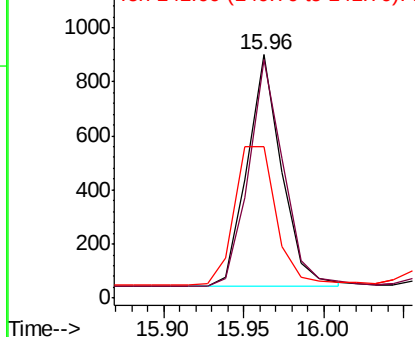


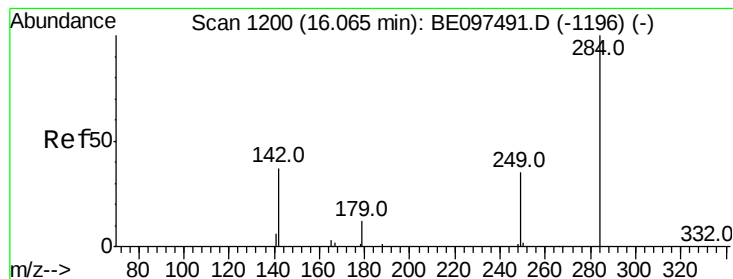
#20
4-Bromophenyl-phenylether
Concen: 0.393 ng
RT: 15.96 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BE097516.D
Acq: 18 Sep 2018 4:23

Tgt Ion:248 Resp: 1281
Ion Ratio Lower Upper
248 100
250 98.0 62.7 94.1#
141 62.0 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: 0.409 ng

RT: 16.07 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BE097516.D

Acq: 18 Sep 2018 4:23

Instrument :

BNA_E

ClientSampled :

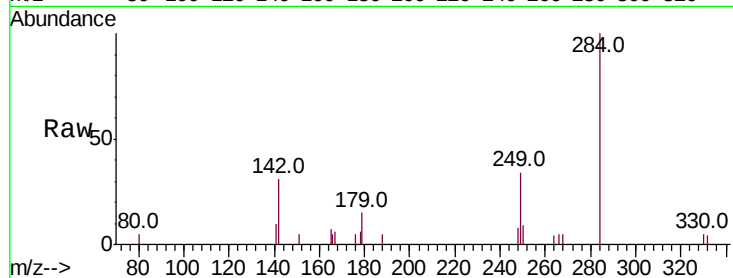
Tot Ion:284 Resp: 1411

Ion Ratio Lower Upper

284 100

142 32.2 22.1 33.1

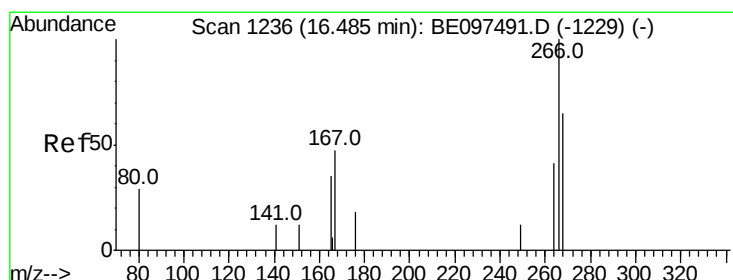
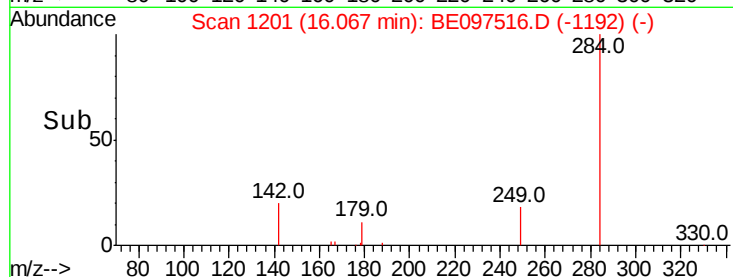
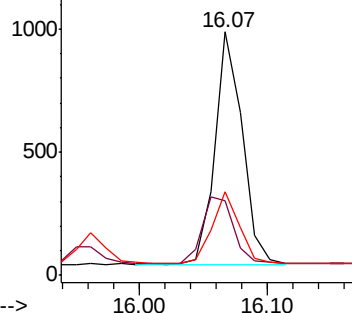
249 30.4 34.8 52.2#



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: 0.844 ng

RT: 16.44 min Scan# 1233

Delta R.T. -0.04 min

Lab File: BE097516.D

Acq: 18 Sep 2018 4:23

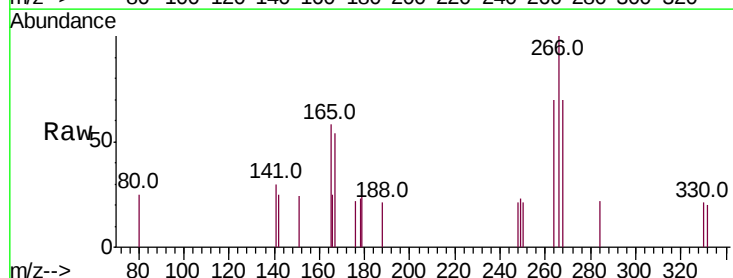
Tgt Ion:266 Resp: 457

Ion Ratio Lower Upper

266 100

264 70.4 72.5 108.7#

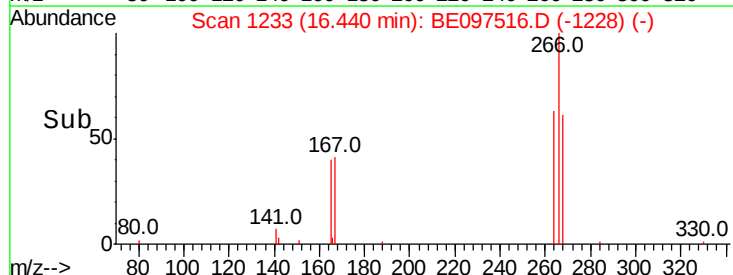
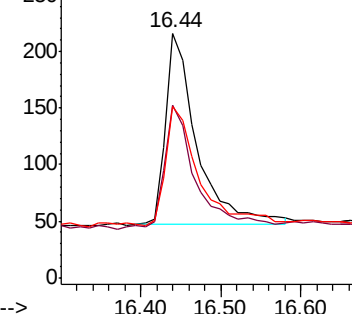
268 69.9 73.8 110.6#

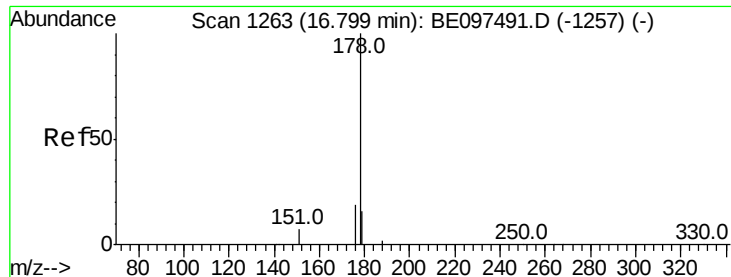


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.423 ng

RT: 16.80 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BE097516.D

Acq: 18 Sep 2018 4:23

Instrument :

BNA_E

ClientSampleId :

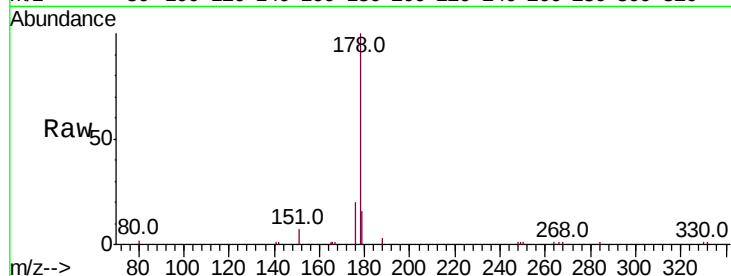
Tot Ion:178 Resp: 6701

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

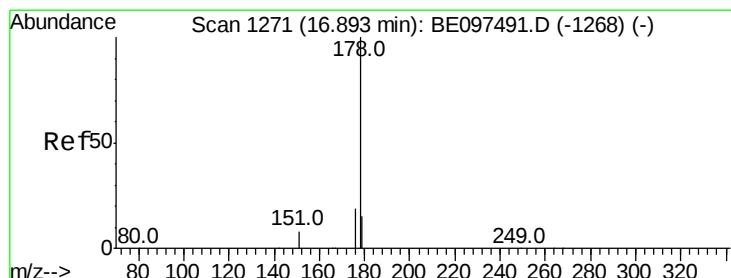
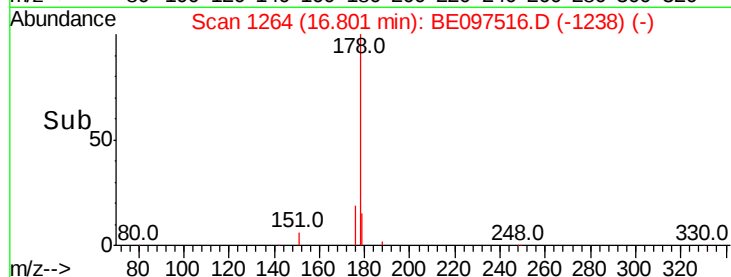
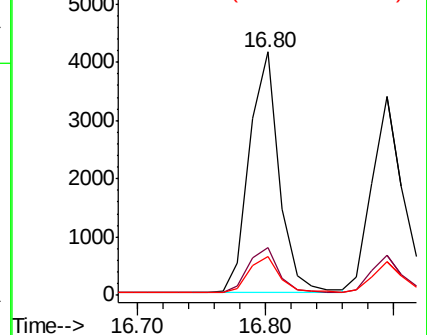
179 15.5 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.388 ng

RT: 16.89 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BE097516.D

Acq: 18 Sep 2018 4:23

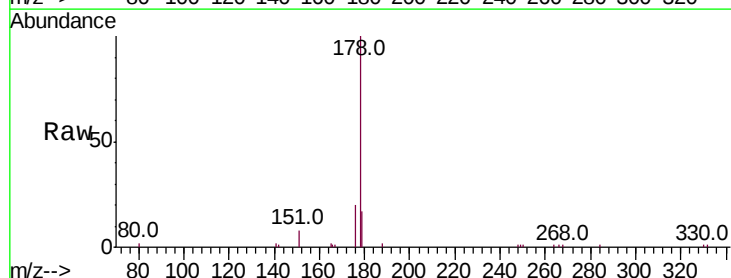
Tgt Ion:178 Resp: 5678

Ion Ratio Lower Upper

178 100

176 18.6 12.8 19.2

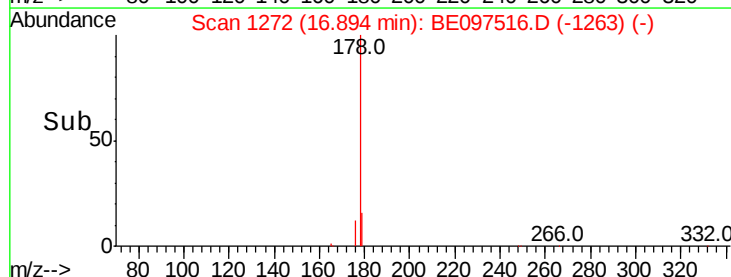
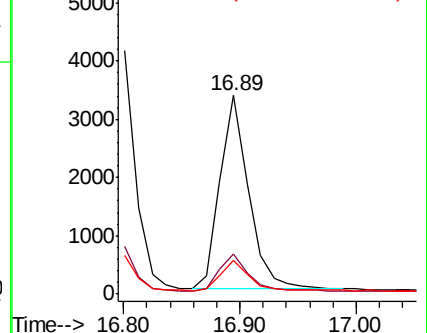
179 15.4 13.0 19.6

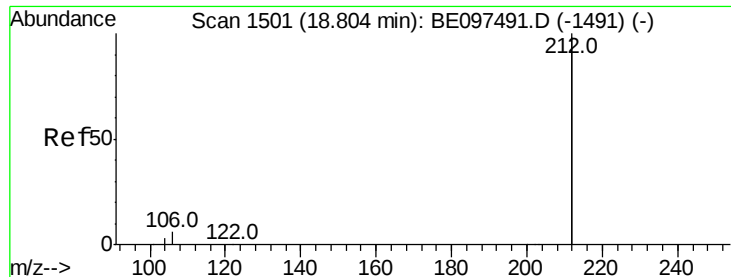


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.387 ng

RT: 18.80 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BE097516.D

Acq: 18 Sep 2018 4:23

Instrument :

BNA_E

ClientSampled :

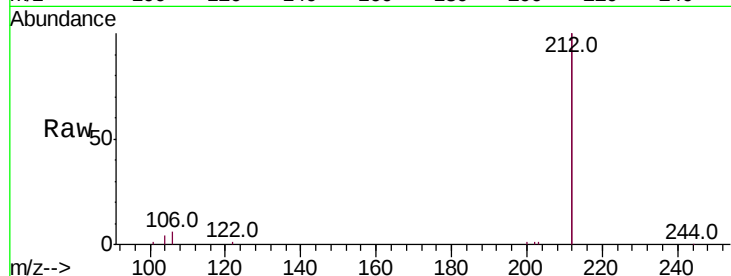
Tot Ion:212 Resp: 31384

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

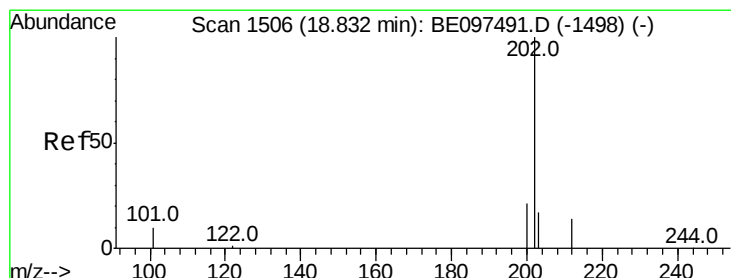
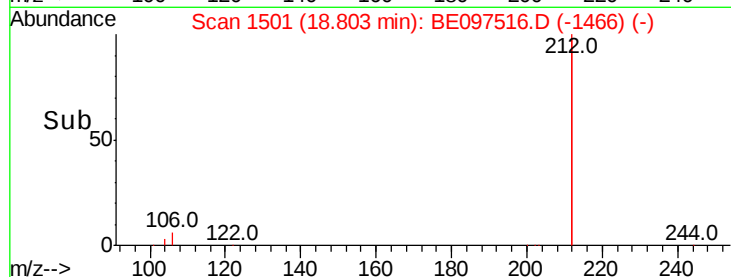
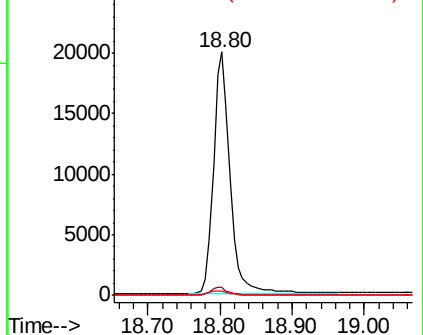
104 1.7 1.6 2.4



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: 0.389 ng

RT: 18.83 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BE097516.D

Acq: 18 Sep 2018 4:23

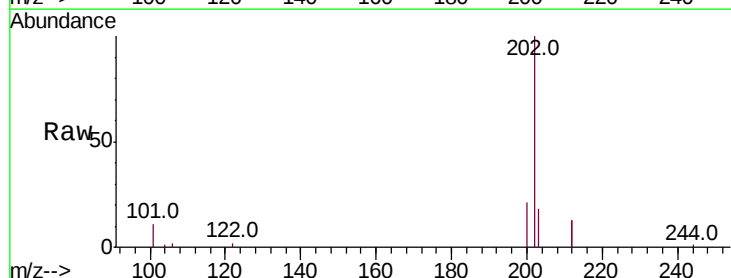
Tgt Ion:202 Resp: 8047

Ion Ratio Lower Upper

202 100

101 11.0 9.8 14.8

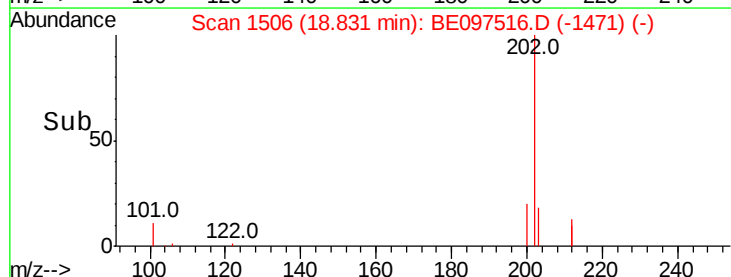
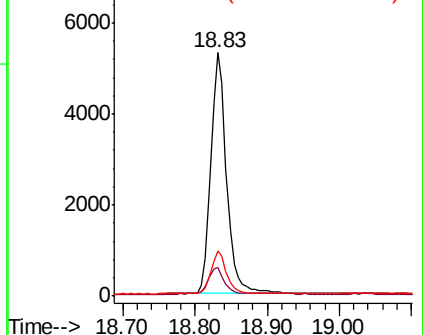
203 17.2 13.7 20.5

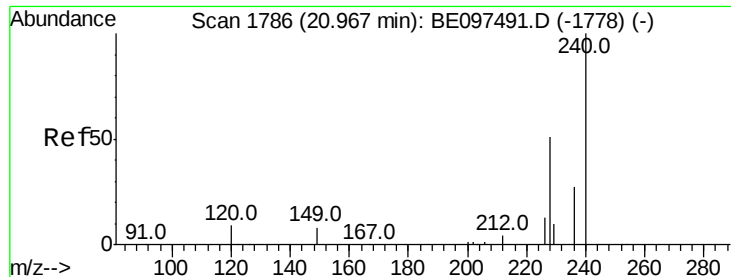


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

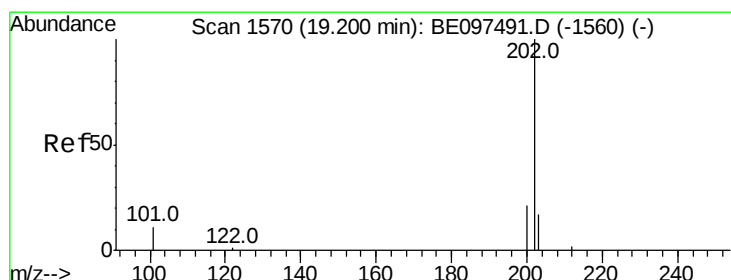
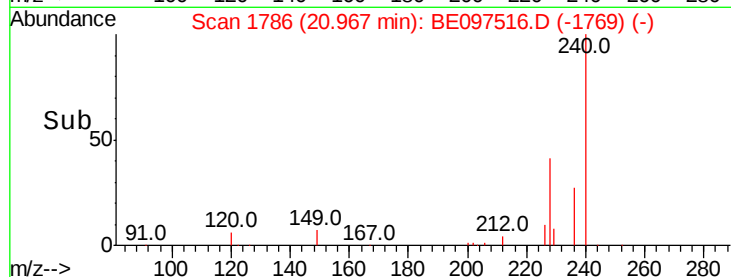
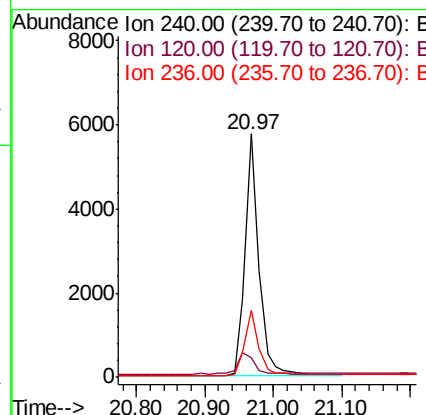
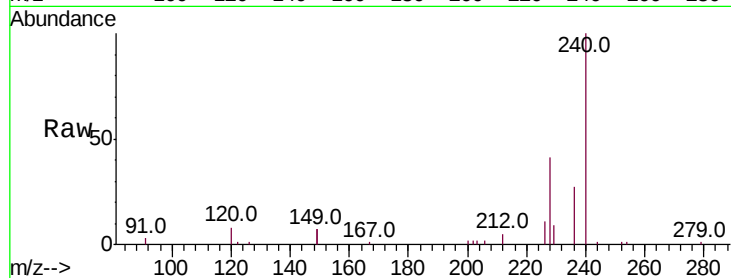




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BE097516.D
 Acq: 18 Sep 2018 4:23

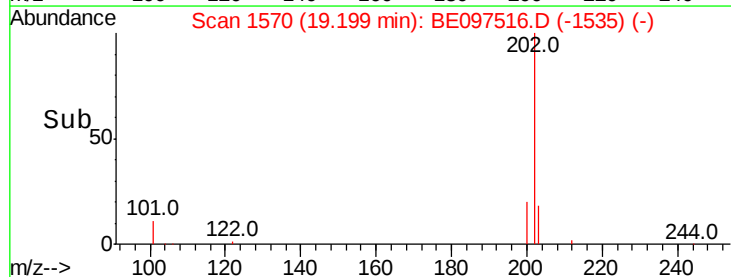
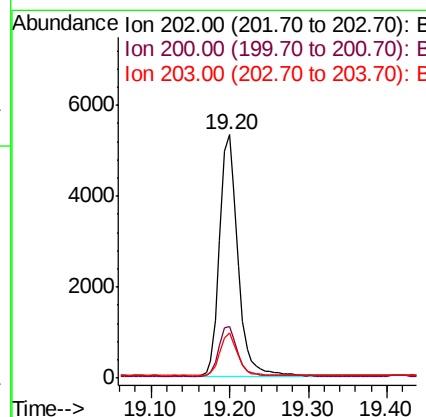
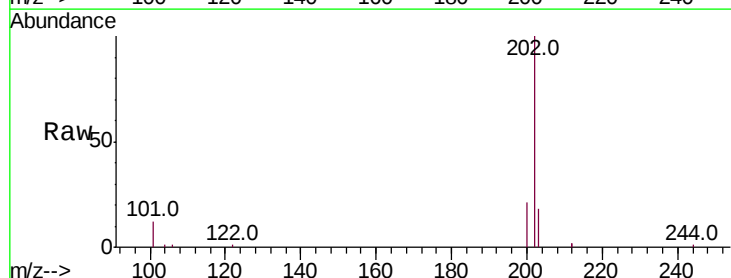
Instrument :
 BNA_E
 ClientSampleId :

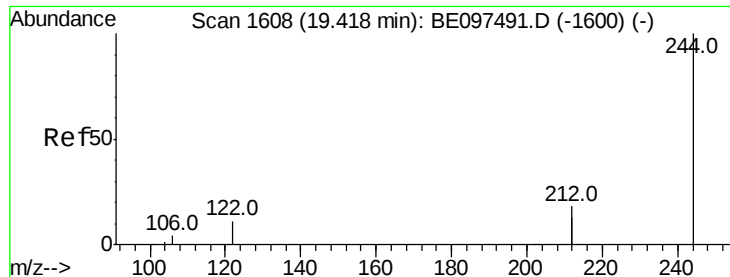
Tot Ion:240 Resp: 8086
 Ion Ratio Lower Upper
 240 100
 120 7.9 5.5 8.3
 236 27.3 20.7 31.1



#28
 Pyrene
 Concen: 0.407 ng
 RT: 19.20 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BE097516.D
 Acq: 18 Sep 2018 4:23

Tgt Ion:202 Resp: 8460
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.6 25.0
 203 17.4 13.8 20.8





#29

Terphenyl-d14

Concen: 0.409 ng

RT: 19.42 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BE097516.D

Acq: 18 Sep 2018 4:23

Instrument :

BNA_E

ClientSampleId :

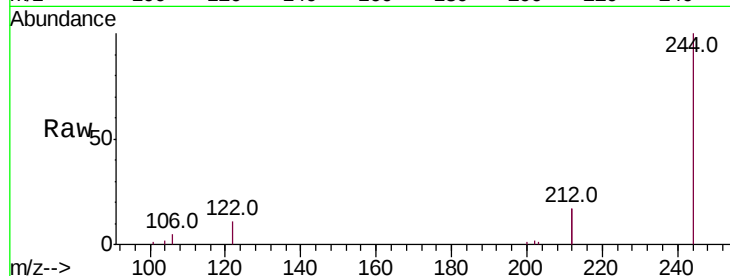
Tot Ion:244 Resp: 6319

Ion Ratio Lower Upper

244 100

212 33.1 25.4 38.0

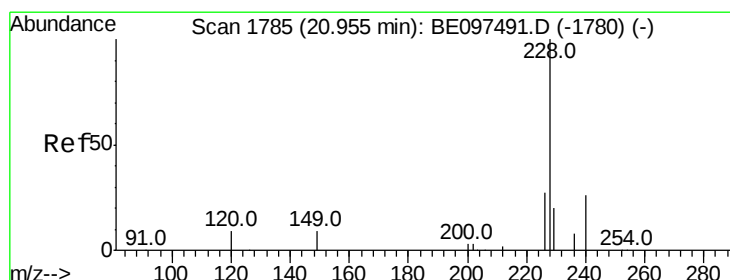
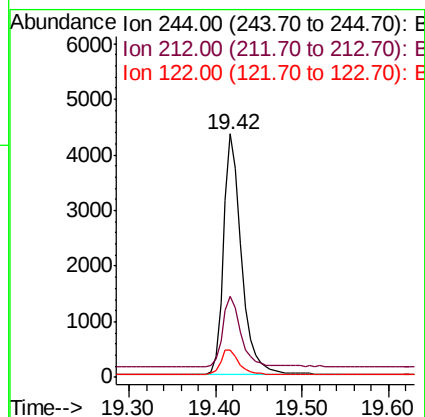
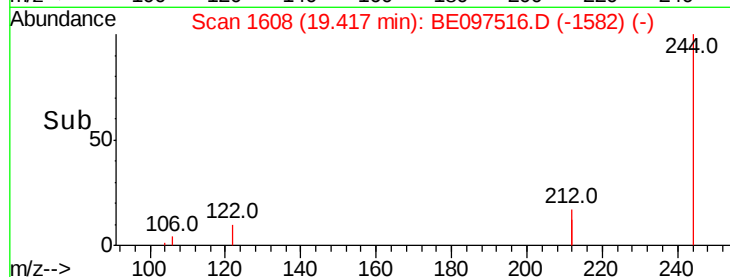
122 11.3 8.1 12.1



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: 0.389 ng

RT: 20.95 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BE097516.D

Acq: 18 Sep 2018 4:23

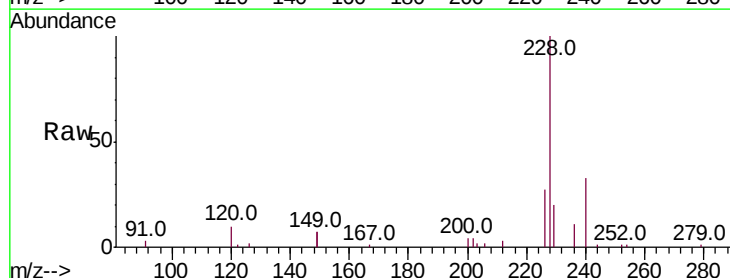
Tgt Ion:228 Resp: 8263

Ion Ratio Lower Upper

228 100

226 27.5 24.0 36.0

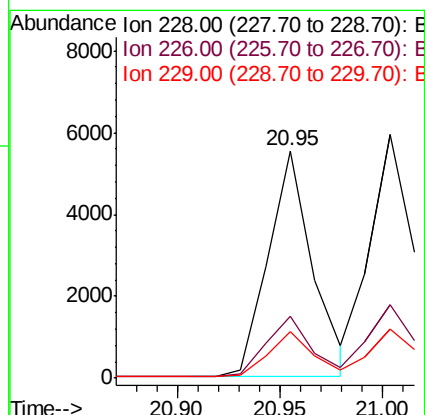
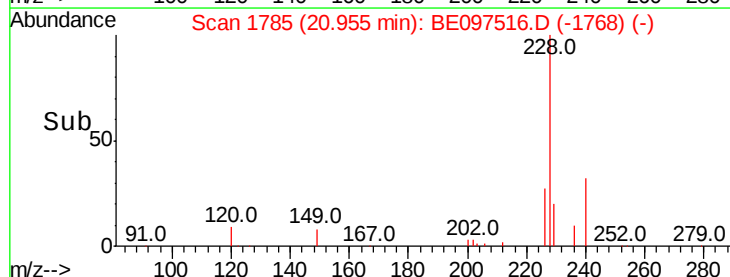
229 20.4 16.0 24.0

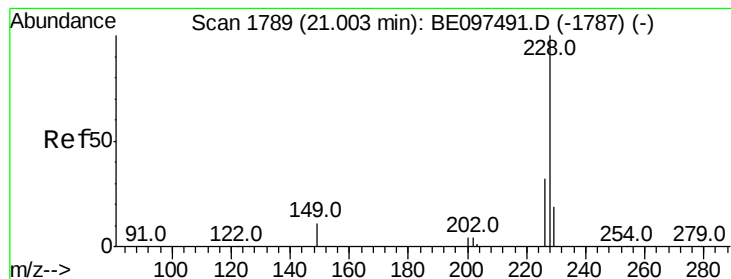


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.414 ng

RT: 21.00 min Scan# 1789

Delta R.T. 0.00 min

Lab File: BE097516.D

Acq: 18 Sep 2018 4:23

Instrument :

BNA_E

ClientSampleId :

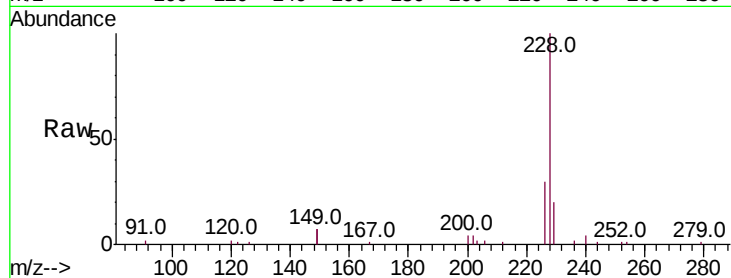
Tot Ion:228 Resp: 9026

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

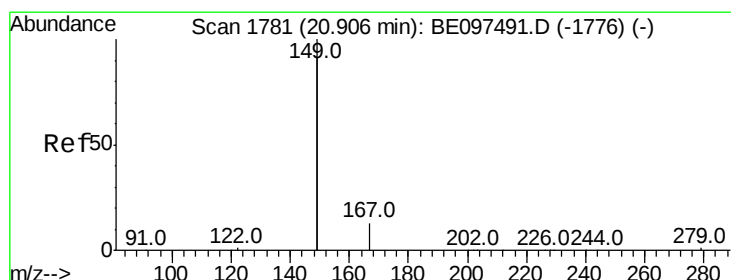
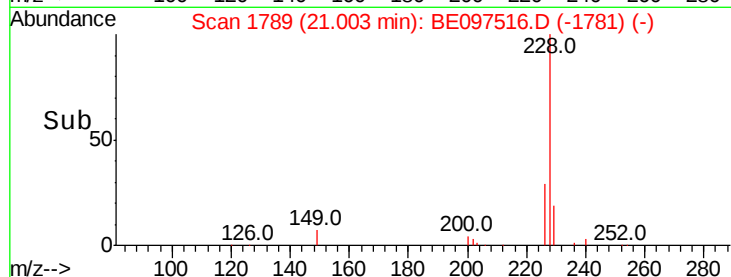
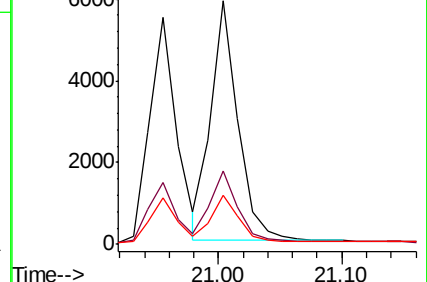
229 20.1 16.0 24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.331 ng

RT: 20.91 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE097516.D

Acq: 18 Sep 2018 4:23

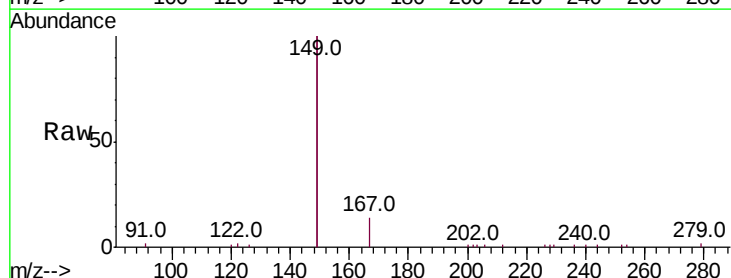
Tgt Ion:149 Resp: 14946

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

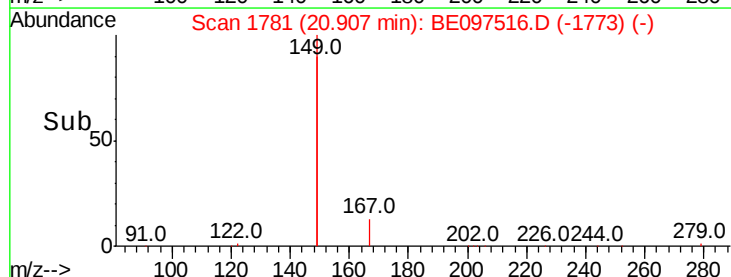
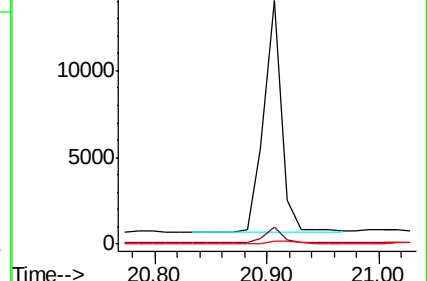
279 1.1 0.7 1.1#

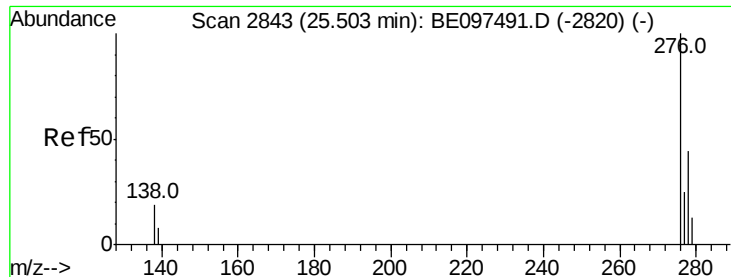


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.432 ng

RT: 25.50 min Scan# 2842

Delta R.T. -0.00 min

Lab File: BE097516.D

Acq: 18 Sep 2018 4:23

Instrument :

BNA_E

ClientSampleId :

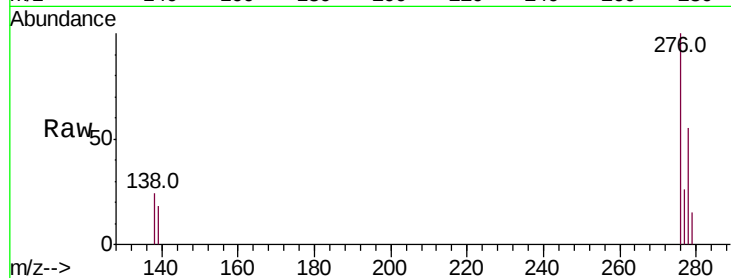
Tot Ion:276 Resp: 11230

Ion Ratio Lower Upper

276 100

138 23.5 22.5 33.7

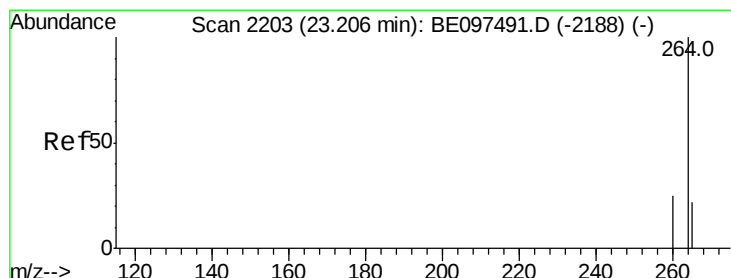
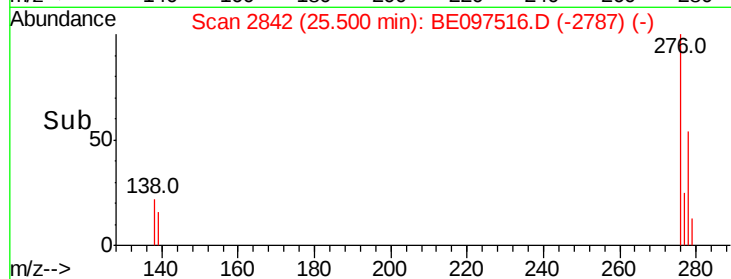
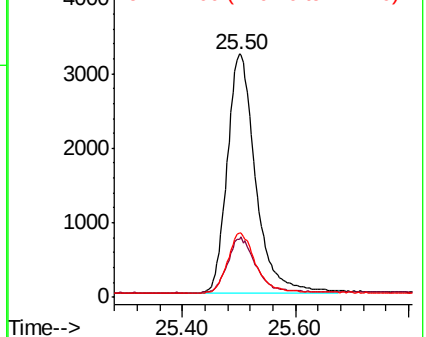
277 24.8 19.9 29.9



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: 23.21 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BE097516.D

Acq: 18 Sep 2018 4:23

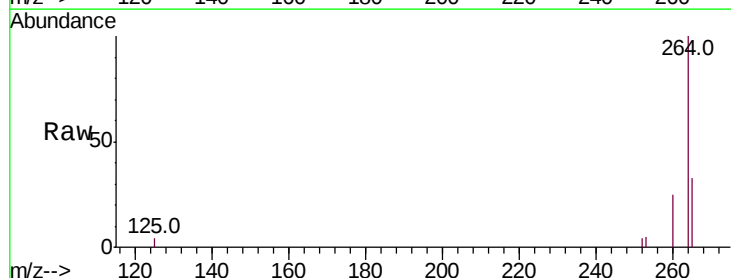
Tgt Ion:264 Resp: 8261

Ion Ratio Lower Upper

264 100

260 25.4 20.5 30.7

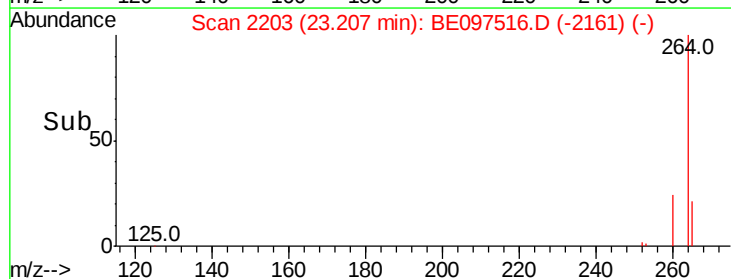
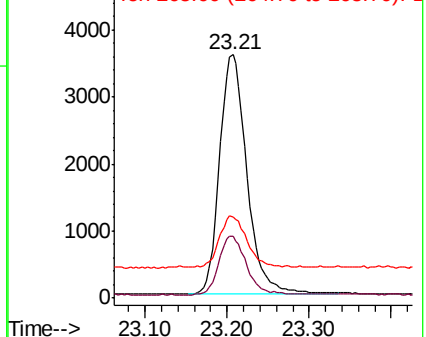
265 33.4 22.8 34.2

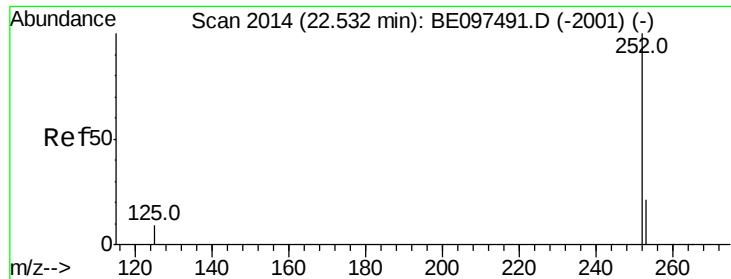


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

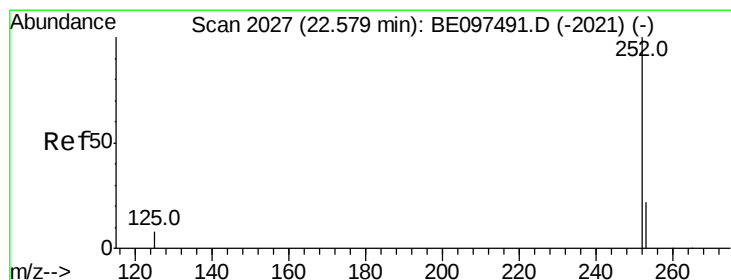
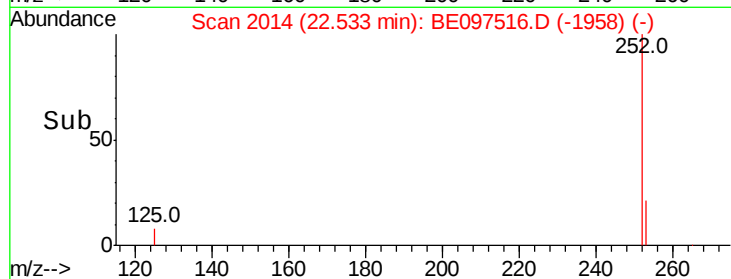
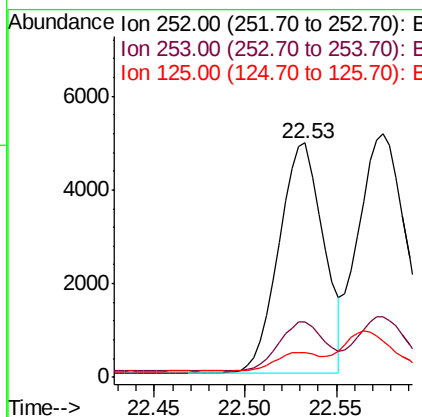
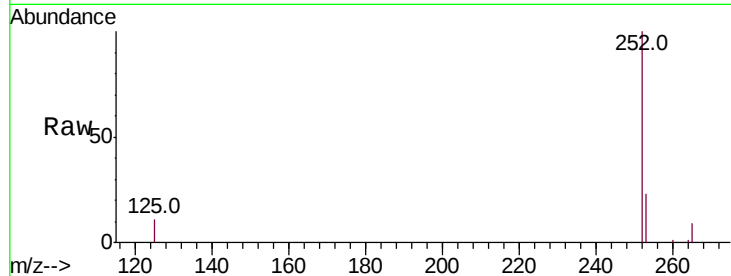




#35
Benzo(b)fluoranthene
Concen: 0.393 ng
RT: 22.53 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE097516.D
Acq: 18 Sep 2018 4:23

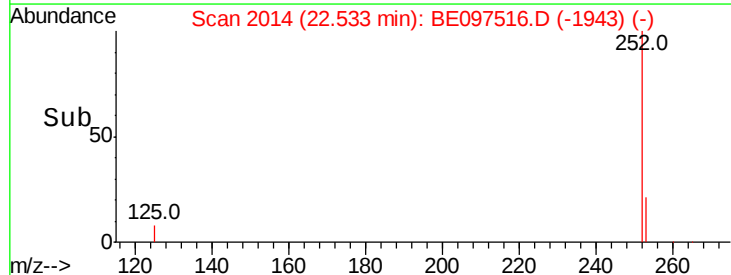
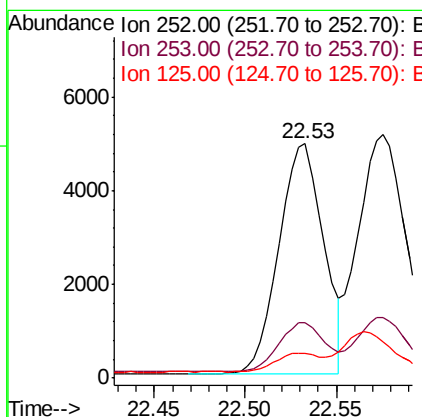
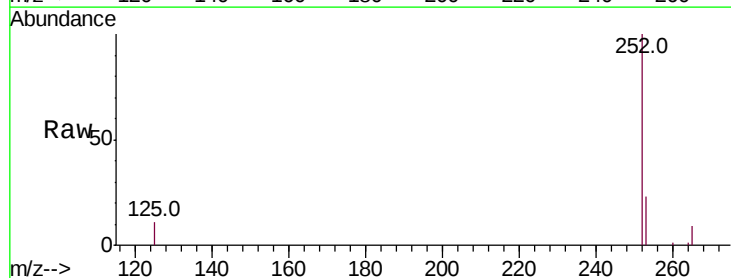
Instrument :
BNA_E
ClientSampleId :

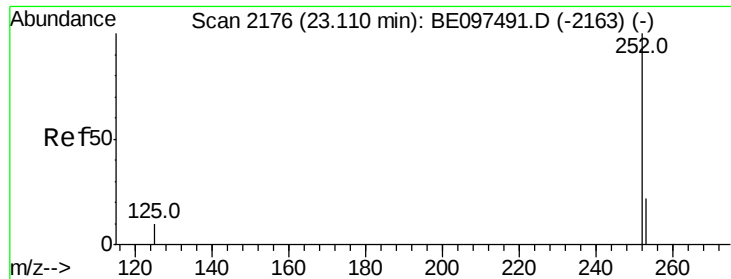
Tot Ion:252 Resp: 8294
Ion Ratio Lower Upper
252 100
253 23.4 20.0 30.0
125 10.6 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.360 ng
RT: 22.53 min Scan# 2014
Delta R.T. -0.05 min
Lab File: BE097516.D
Acq: 18 Sep 2018 4:23

Tgt Ion:252 Resp: 8294
Ion Ratio Lower Upper
252 100
253 23.4 16.0 24.0
125 10.6 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.410 ng

RT: 23.11 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BE097516.D

Acq: 18 Sep 2018 4:23

Instrument :

BNA_E

ClientSampleId :

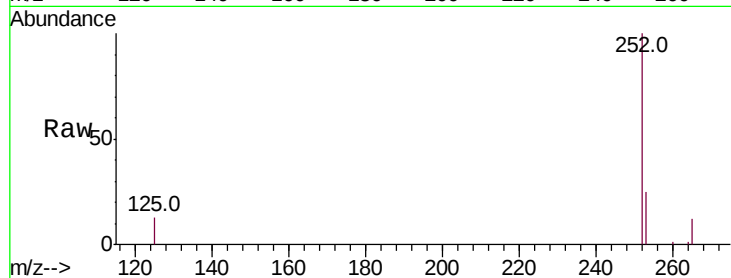
Tot Ion:252 Resp: 8610

Ion Ratio Lower Upper

252 100

253 24.8 16.0 24.0#

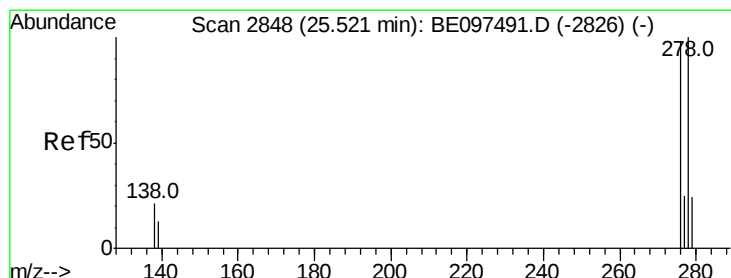
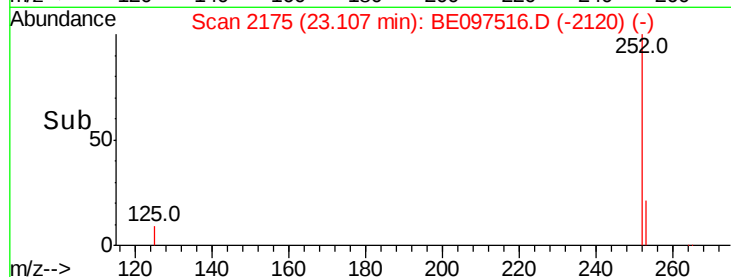
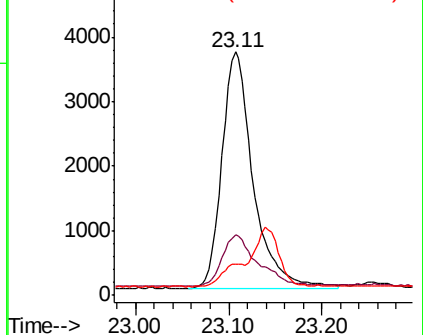
125 12.5 12.0 18.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.424 ng

RT: 25.52 min Scan# 2848

Delta R.T. 0.00 min

Lab File: BE097516.D

Acq: 18 Sep 2018 4:23

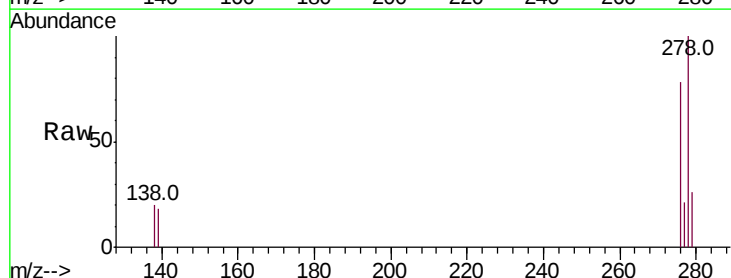
Tgt Ion:278 Resp: 9284

Ion Ratio Lower Upper

278 100

139 17.8 16.0 24.0

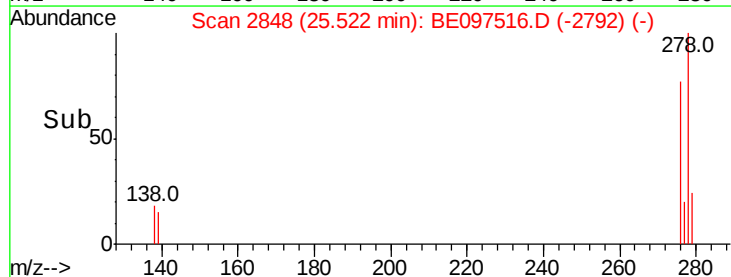
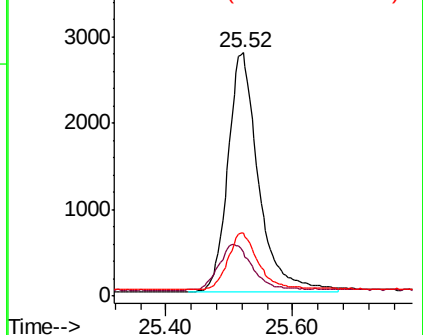
279 25.8 20.0 30.0

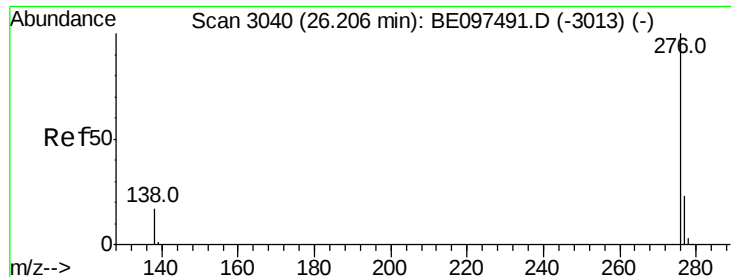


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.406 ng

RT: 26.20 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BE097516.D

Acq: 18 Sep 2018 4:23

Instrument :

BNA_E

ClientSampleId :

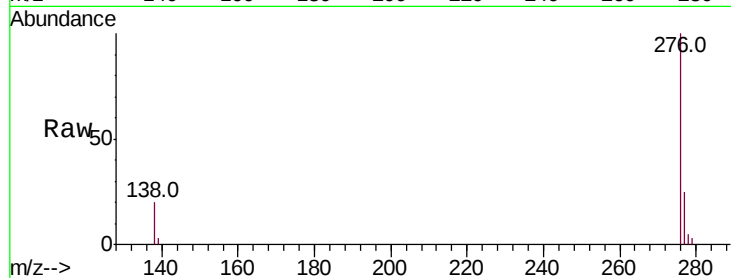
Tot Ion:276 Resp: 9085

Ion Ratio Lower Upper

276 100

277 24.7 16.0 24.0#

138 20.2 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

