

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082218\
 Data File : BE097352.D
 Acq On : 22 Aug 2018 18:01
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE082218

Quant Time: Aug 22 18:41:08 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	936	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4348	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	2292	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	6405	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8018	0.40	ng	0.00
34) Perylene-d12	23.21	264	7552	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	1054	0.38	ng	-0.01
5) Phenol-d6	6.59	99	1360	0.37	ng	-0.01
8) Nitrobenzene-d5	8.52	82	1199	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2388	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	296	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	3557	0.42	ng	0.00
25) Fluoranthene-d10	18.80	212	28870	0.39	ng	0.00
29) Terphenyl-d14	19.42	244	6291	0.43	ng	0.00

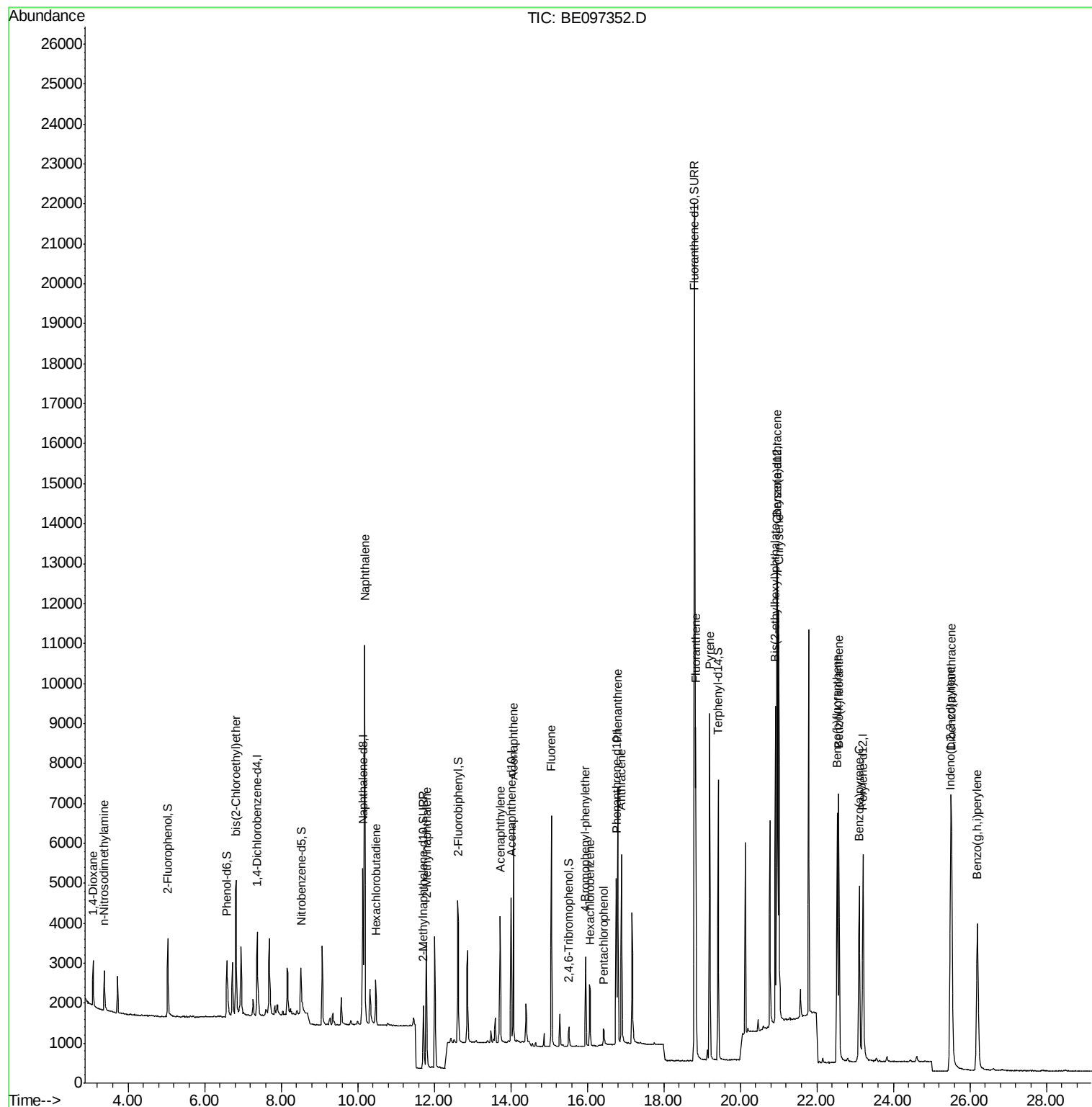
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	717	0.431	ng	# 85
3) n-Nitrosodimethylamine	3.37	42	652	0.419	ng	96
6) bis(2-Chloroethyl)ether	6.83	93	1347	0.396	ng	95
9) Naphthalene	10.18	128	16012	0.405	ng	100
10) Hexachlorobutadiene	10.47	225	729	0.412	ng	98
12) 2-Methylnaphthalene	11.80	142	2503	0.401	ng	99
16) Acenaphthylene	13.73	152	3696	0.405	ng	99
17) Acenaphthene	14.07	154	2497	0.411	ng	92
18) Fluorene	15.06	166	3209	0.417	ng	# 80
20) 4-Bromophenyl-phenylether	15.96	248	1199	0.412	ng	# 77
21) Hexachlorobenzene	16.08	284	1327	0.412	ng	# 83
22) Pentachlorophenol	16.43	266	304	0.445	ng	# 82
23) Phenanthrene	16.80	178	6281	0.412	ng	99
24) Anthracene	16.89	178	5256	0.405	ng	96
26) Fluoranthene	18.84	202	7718	0.404	ng	98
28) Pyrene	19.20	202	8406	0.441	ng	100
30) Benzo(a)anthracene	20.95	228	8105	0.400	ng	97
31) Chrysene	21.00	228	8881	0.407	ng	98
32) Bis(2-ethylhexyl)phthalate	20.92	149	8799	0.389	ng	# 100
33) Indeno(1,2,3-cd)pyrene	25.49	276	9890	0.352	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	7920	0.392	ng	# 89
36) Benzo(k)fluoranthene	22.58	252	9025	0.402	ng	94
37) Benzo(a)pyrene	23.11	252	7263	0.373	ng	93
38) Dibenzo(a,h)anthracene	25.52	278	8388	0.362	ng	# 95
39) Benzo(g,h,i)perylene	26.20	276	8512	0.356	ng	# 90

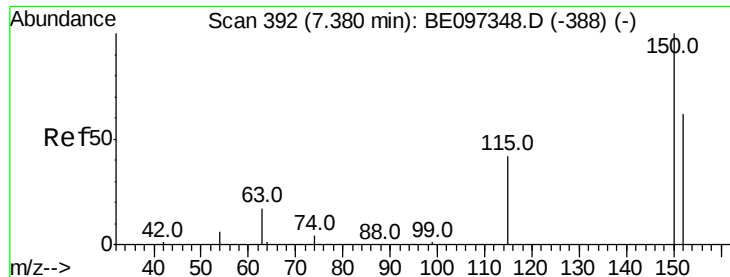
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE097352.D

Acq: 22 Aug 2018 18:01

Instrument :

BNA_E

ClientSampleId :

ICVBE082218

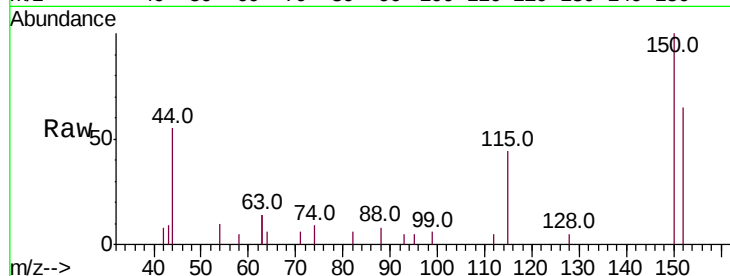
Tot Ion:152 Resp: 936

Ion Ratio Lower Upper

152 100

150 154.4 117.2 175.8

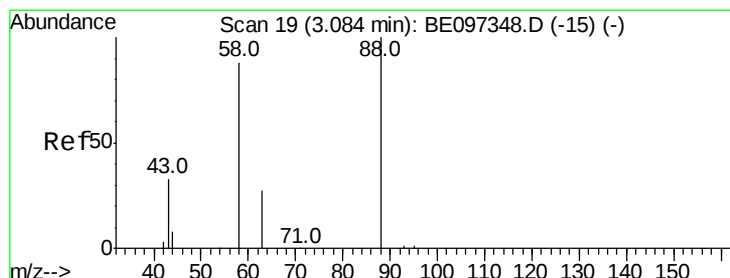
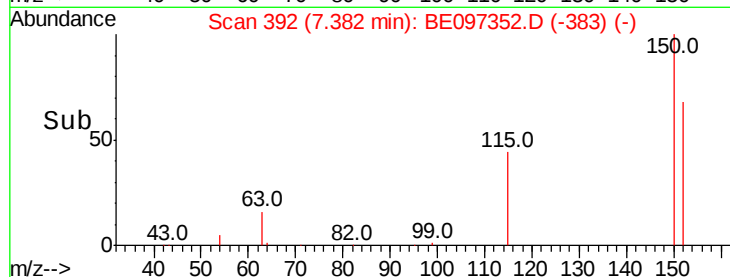
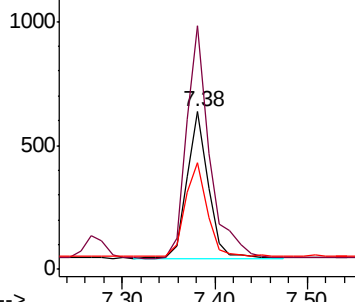
115 67.9 57.0 85.6



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: 0.431 ng

RT: 3.09 min Scan# 19

Delta R.T. 0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

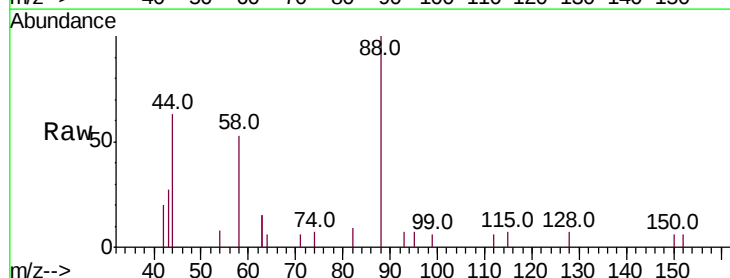
Tgt Ion: 88 Resp: 717

Ion Ratio Lower Upper

88 100

58 74.6 63.2 94.8

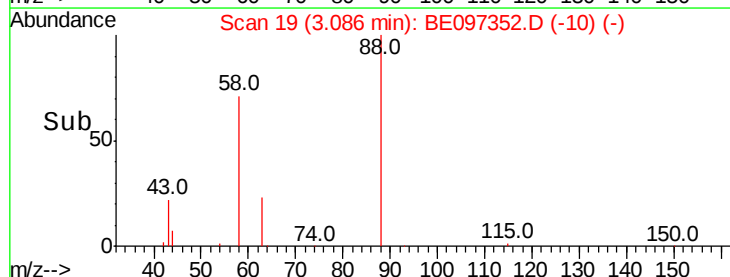
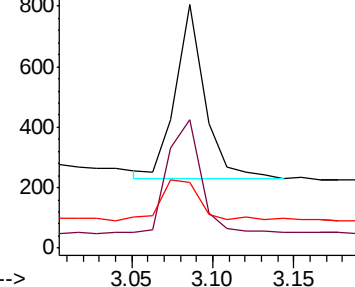
43 31.1 41.2 61.8#

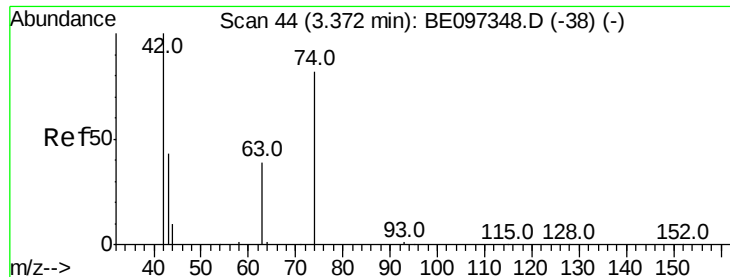


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.419 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

Instrument :

BNA_E

ClientSampleId :

ICVBE082218

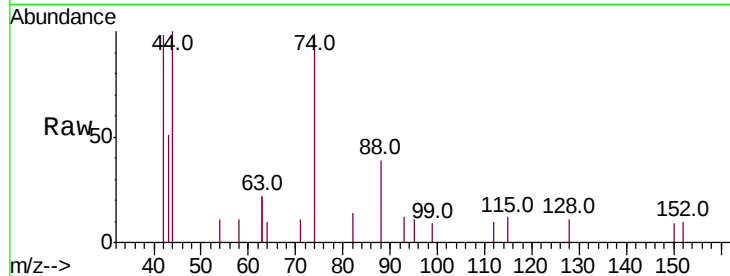
Tot Ion: 42 Resp: 652

Ion Ratio Lower Upper

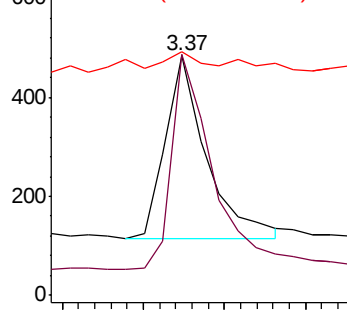
42 100

74 116.0 96.0 144.0

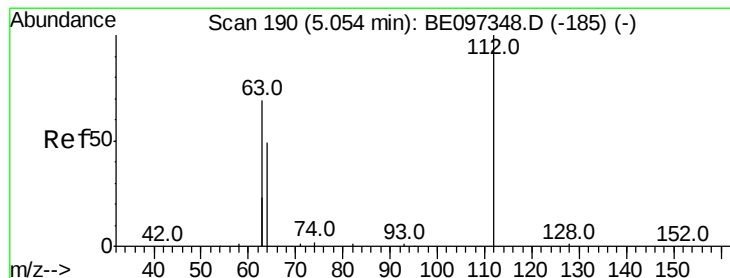
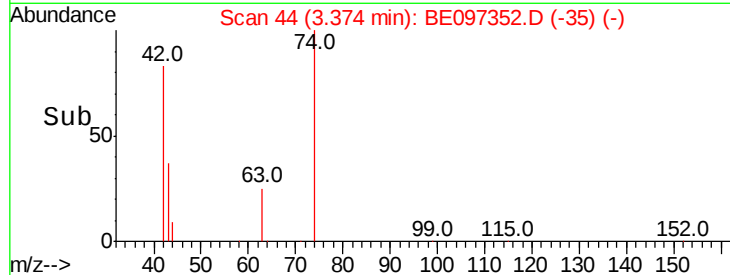
44 17.0 12.0 18.0



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



Time-->



#4

2-Fluorophenol

Concen: 0.381 ng

RT: 5.04 min Scan# 189

Delta R.T. -0.01 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

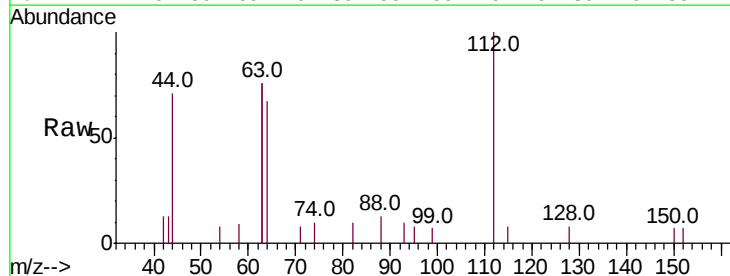
Tgt Ion: 112 Resp: 1054

Ion Ratio Lower Upper

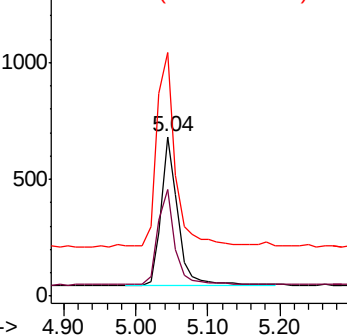
112 100

64 64.1 60.1 90.1

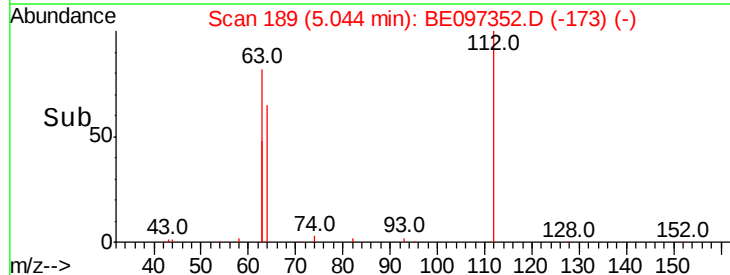
63 143.9 116.8 175.2

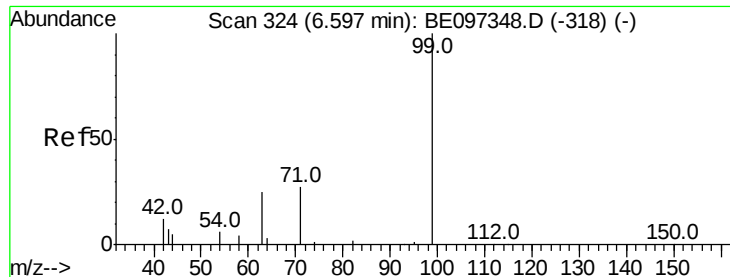


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.368 ng

RT: 6.59 min Scan# 323

Delta R.T. -0.01 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

Instrument :

BNA_E

ClientSampleId :

ICVBE082218

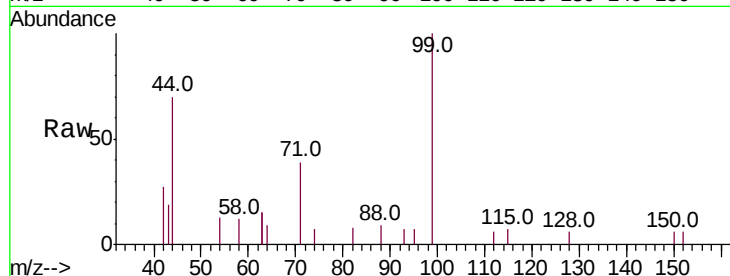
Tot Ion: 99 Resp: 1360

Ion Ratio Lower Upper

99 100

42 22.6 20.2 30.2

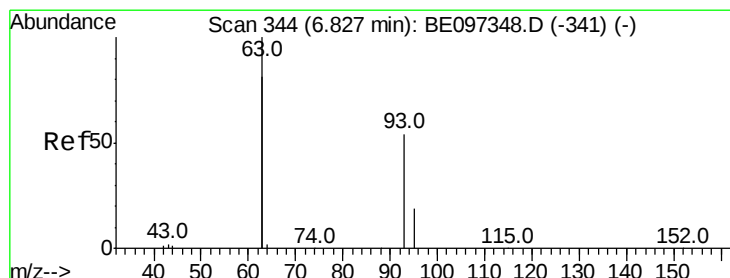
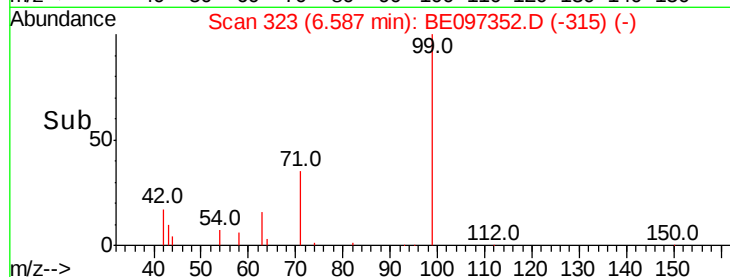
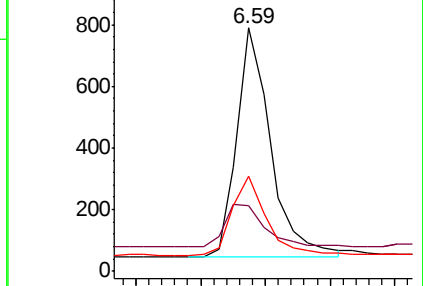
71 35.3 28.4 42.6



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: 0.396 ng

RT: 6.83 min Scan# 344

Delta R.T. 0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

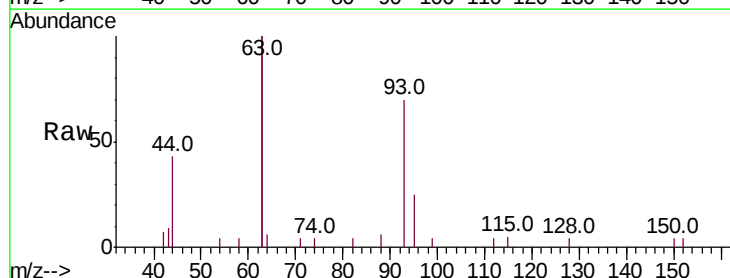
Tgt Ion: 93 Resp: 1347

Ion Ratio Lower Upper

93 100

63 333.6 275.3 412.9

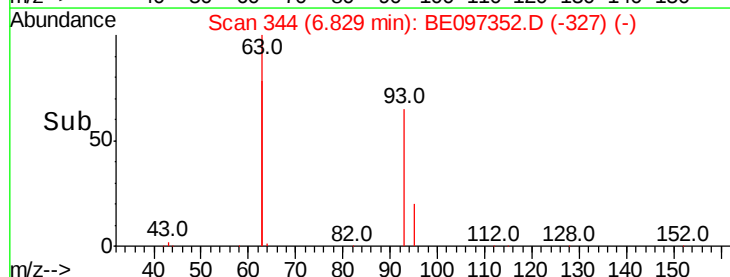
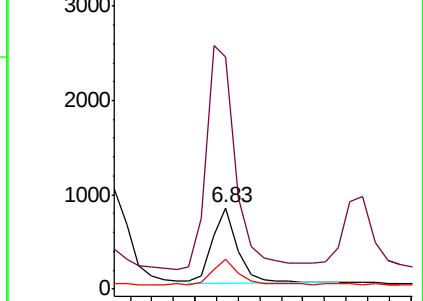
95 33.2 25.2 37.8

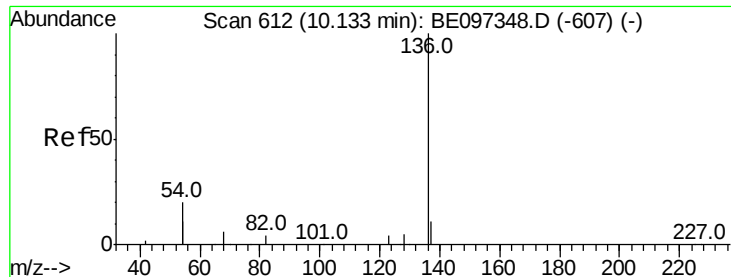


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097352.D

Acq: 22 Aug 2018 18:01

Instrument :

BNA_E

ClientSampleId :

ICVBE082218

Tot Ion:136 Resp: 4348

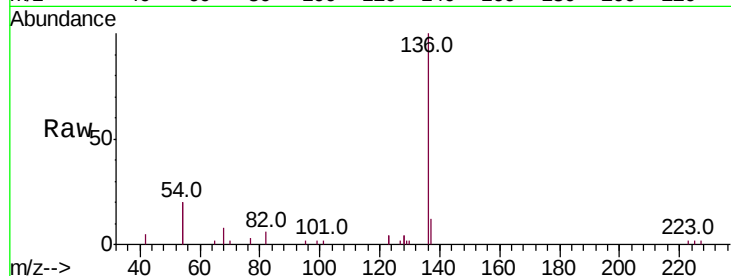
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 39.0 29.1 43.7

68 7.7 6.2 9.2

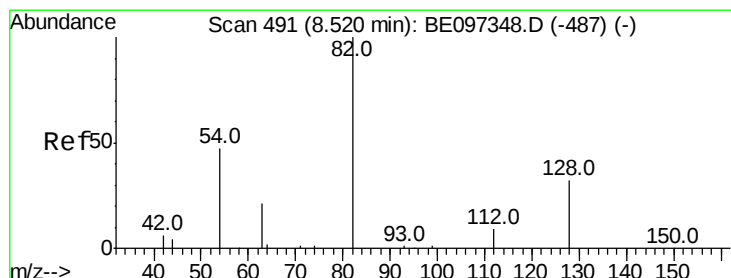
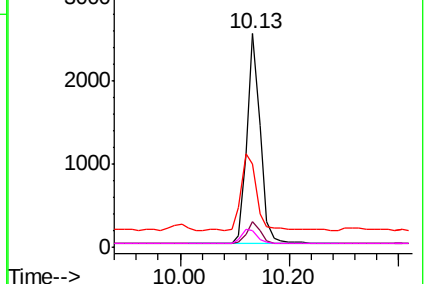
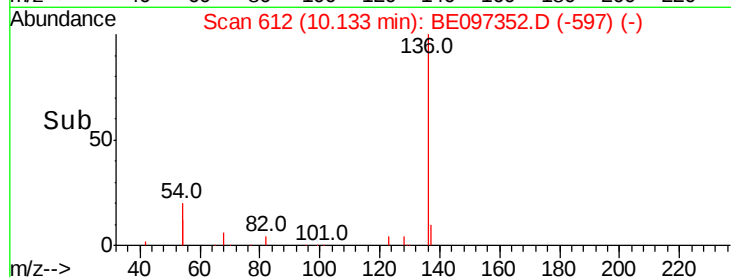


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.385 ng

RT: 8.52 min Scan# 491

Delta R.T. 0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

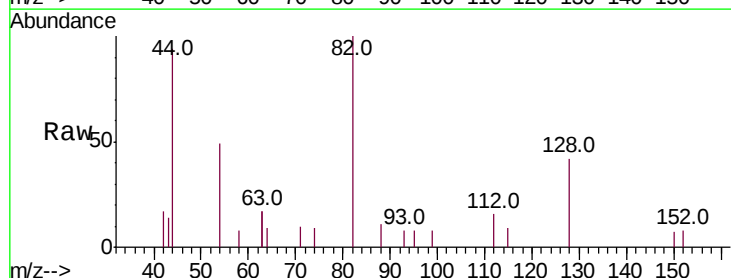
Tgt Ion: 82 Resp: 1199

Ion Ratio Lower Upper

82 100

128 41.9 24.0 36.0#

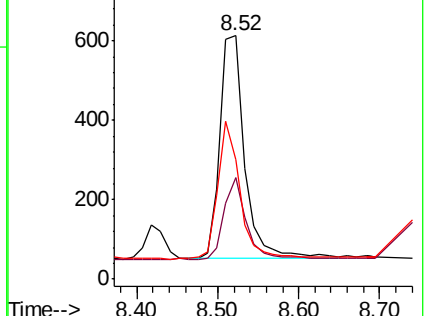
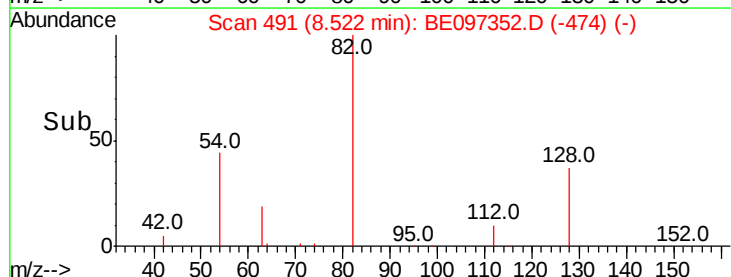
54 48.9 40.0 60.0

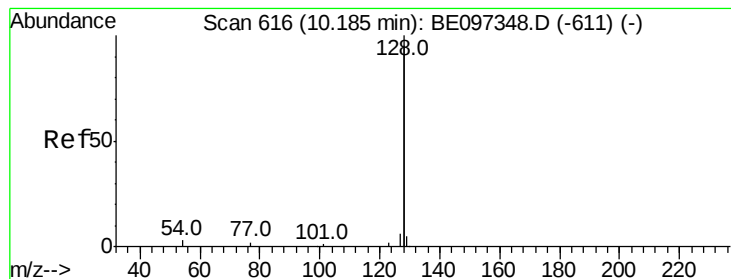


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.405 ng

RT: 10.18 min Scan# 616

Delta R.T. -0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

Instrument :

BNA_E

ClientSampleId :

ICVBE082218

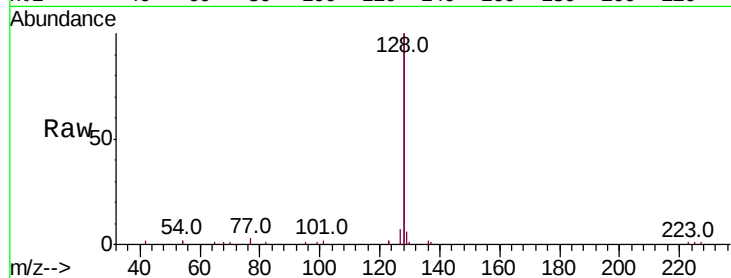
Tot Ion:128 Resp: 16012

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

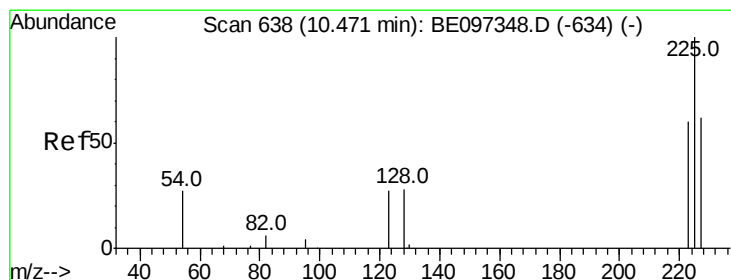
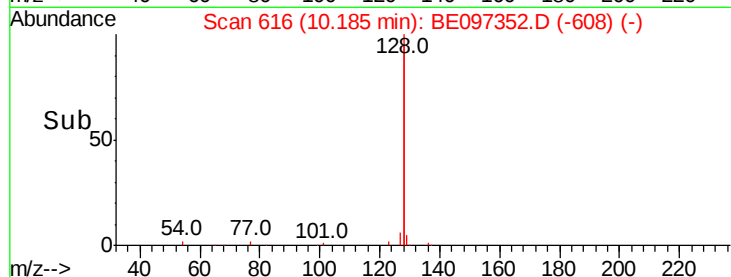
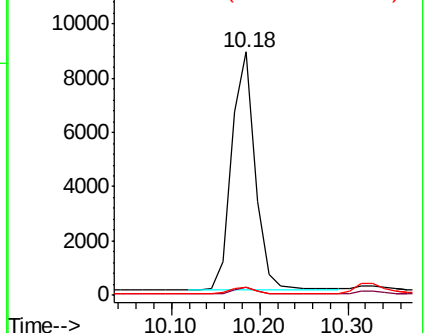
127 3.5 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.412 ng

RT: 10.47 min Scan# 638

Delta R.T. -0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

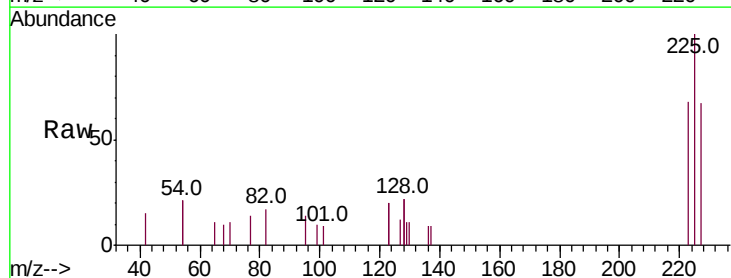
Tgt Ion:225 Resp: 729

Ion Ratio Lower Upper

225 100

223 64.1 53.0 79.6

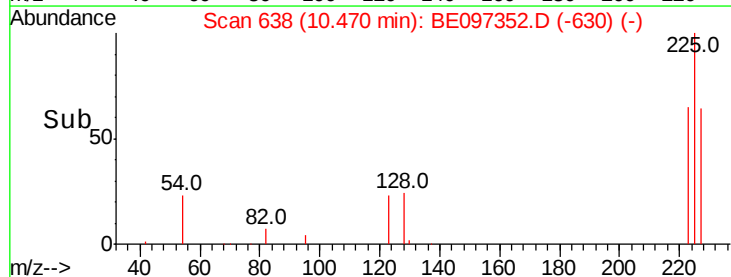
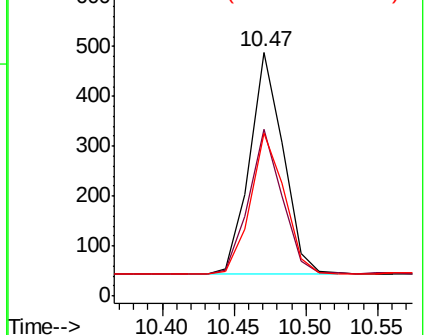
227 63.8 51.4 77.2

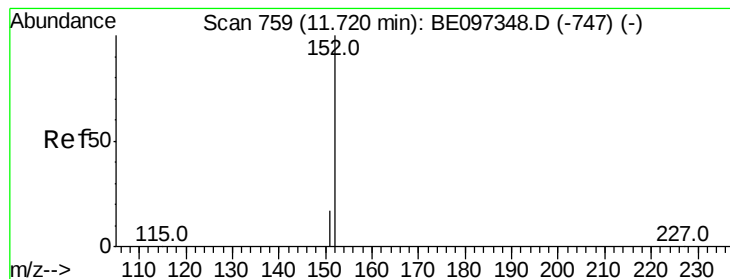


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.394 ng

RT: 11.72 min Scan# 759

Delta R.T. -0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

Instrument :

BNA_E

ClientSampleId :

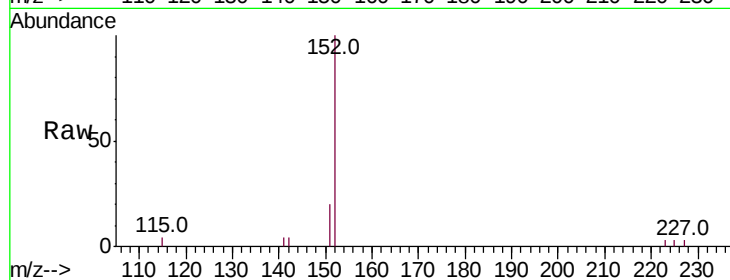
ICVBE082218

Tot Ion:152 Resp: 2388

Ion Ratio Lower Upper

152 100

151 18.9 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

1500

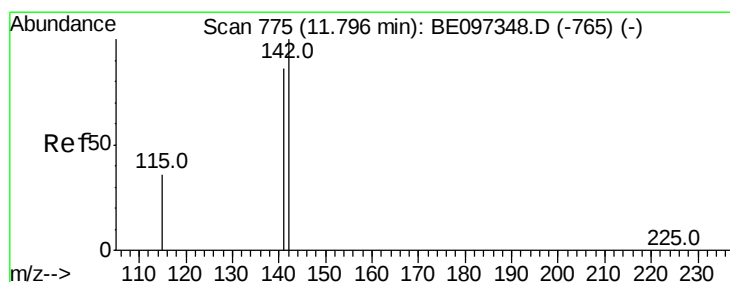
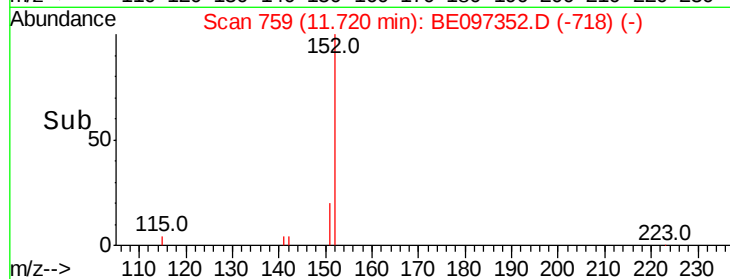
1000

500

0

11.70 11.80

Time-->



#12

2-Methylnaphthalene

Concen: 0.401 ng

RT: 11.80 min Scan# 775

Delta R.T. -0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

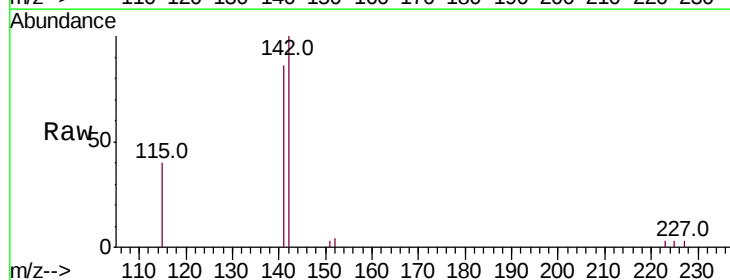
Tgt Ion:142 Resp: 2503

Ion Ratio Lower Upper

142 100

141 86.4 70.4 105.6

115 39.9 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

2000

1500

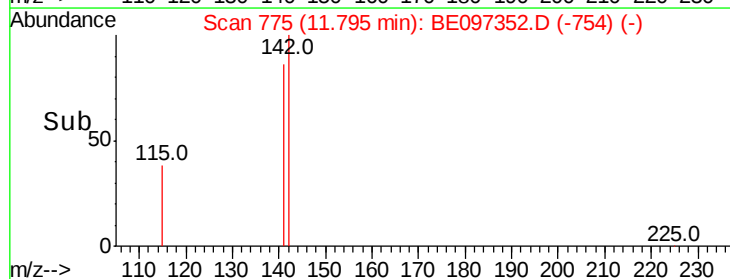
1000

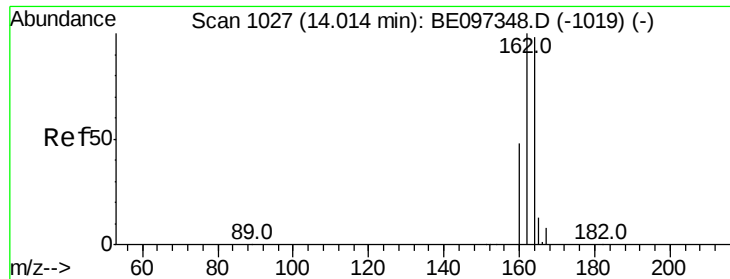
500

0

11.70 11.80 11.90

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

Instrument :

BNA_E

ClientSampleId :

ICVBE082218

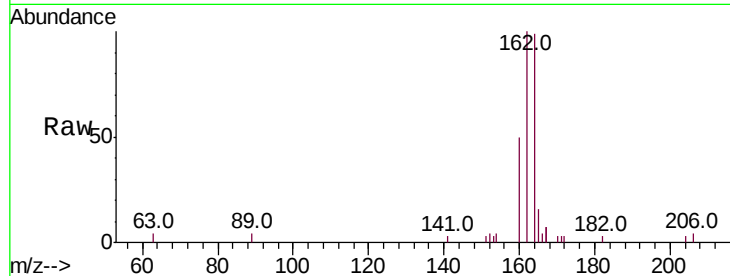
Tot Ion:164 Resp: 2292

Ion Ratio Lower Upper

164 100

162 101.1 83.1 124.7

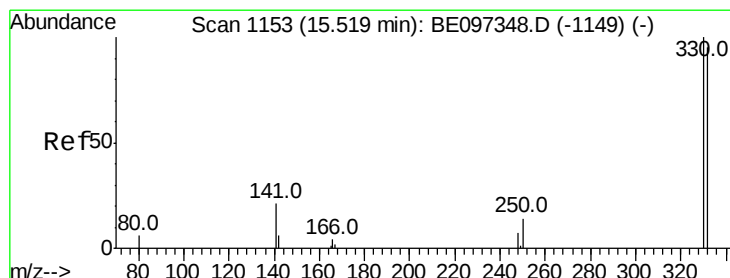
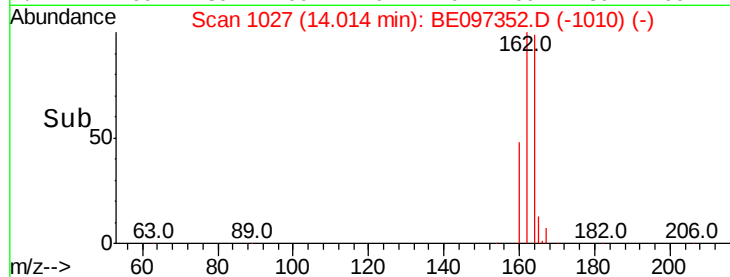
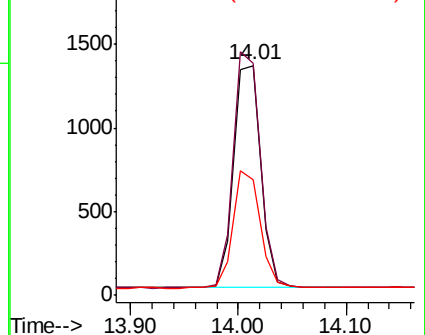
160 50.4 37.1 55.7



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: 0.382 ng

RT: 15.52 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

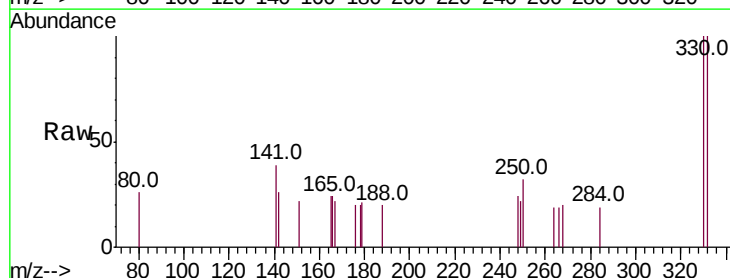
Tgt Ion:330 Resp: 296

Ion Ratio Lower Upper

330 100

332 96.3 152.7 229.1#

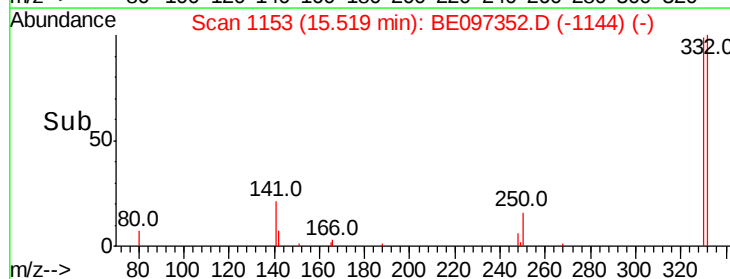
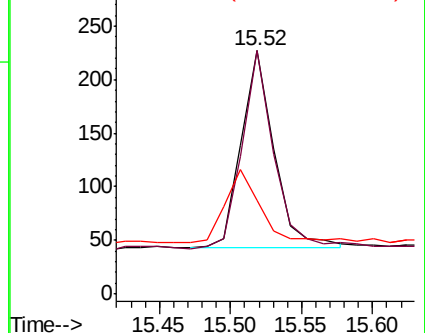
141 38.9 33.7 50.5

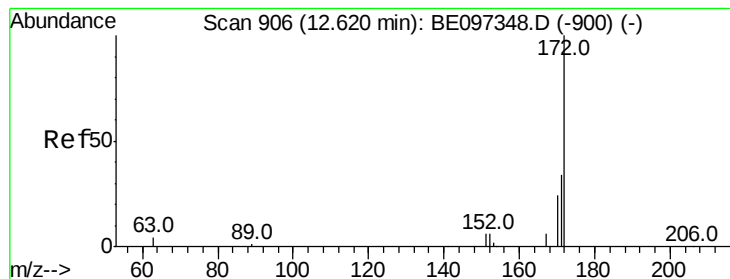


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.423 ng

RT: 12.62 min Scan# 906

Delta R.T. -0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

Instrument :

BNA_E

ClientSampleId :

ICVBE082218

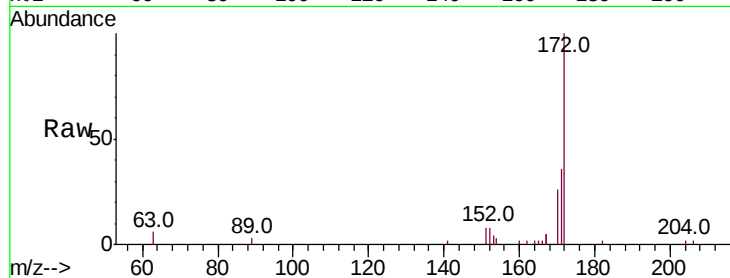
Tot Ion:172 Resp: 3557

Ion Ratio Lower Upper

172 100

171 36.3 29.9 44.9

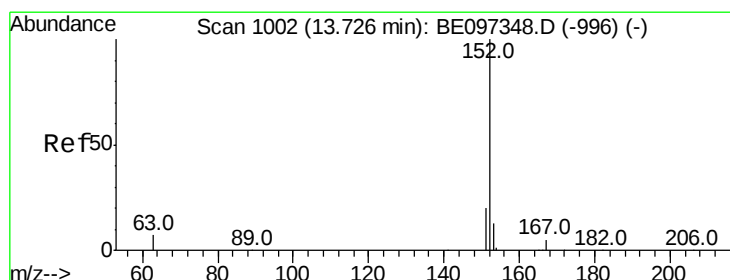
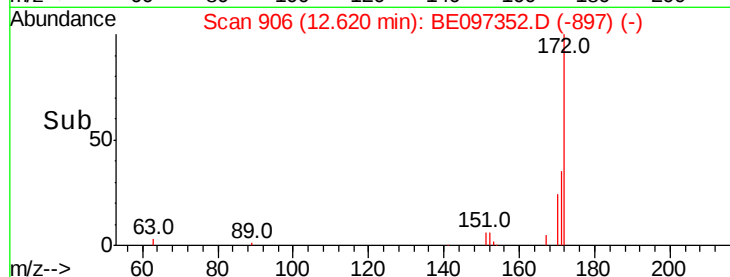
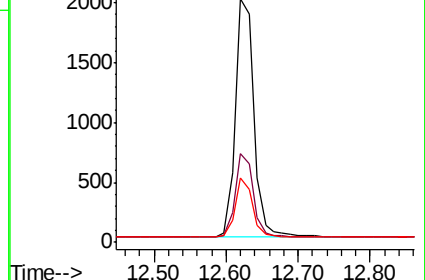
170 26.3 21.8 32.8



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: 0.405 ng

RT: 13.73 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

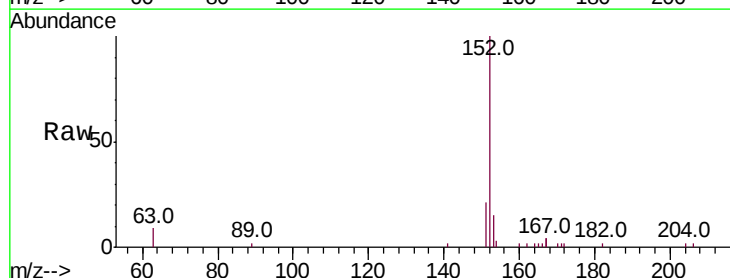
Tgt Ion:152 Resp: 3696

Ion Ratio Lower Upper

152 100

151 19.0 15.7 23.5

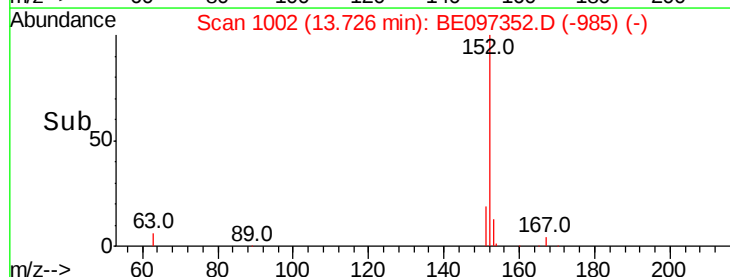
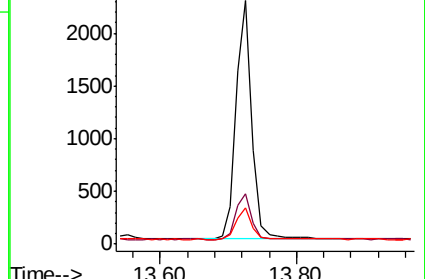
153 13.1 10.5 15.7

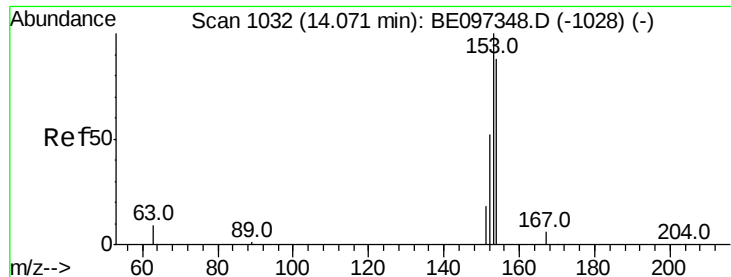


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.411 ng

RT: 14.07 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

Instrument :

BNA_E

ClientSampleId :

ICVBE082218

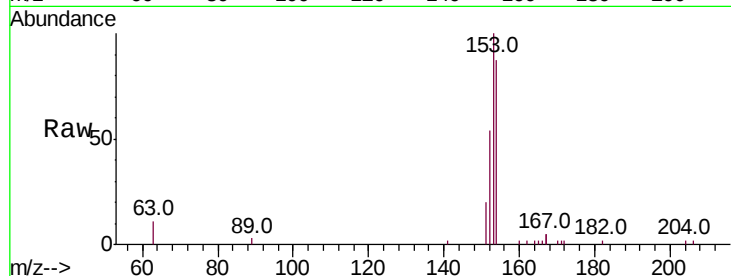
Tot Ion:154 Resp: 2497

Ion Ratio Lower Upper

154 100

153 116.7 89.2 133.8

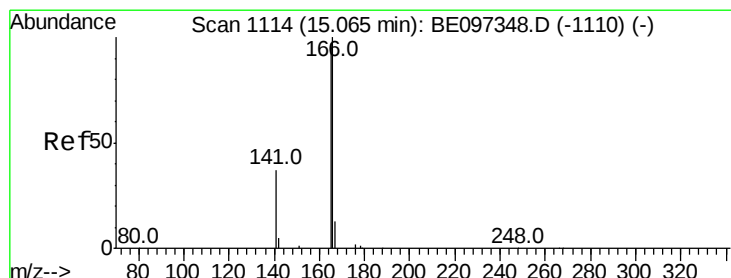
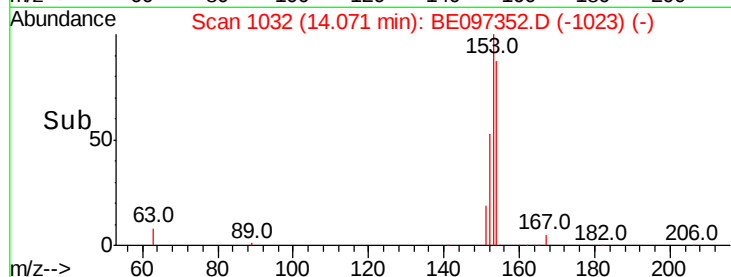
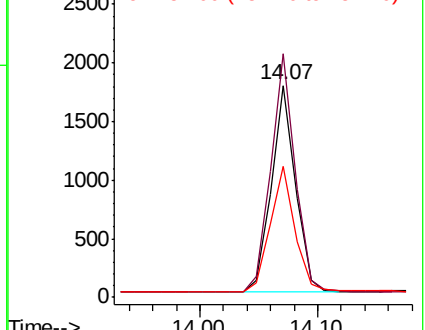
152 61.8 42.0 63.0



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: 0.417 ng

RT: 15.06 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

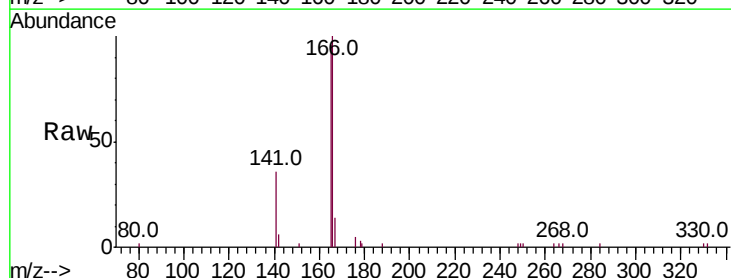
Tgt Ion:166 Resp: 3209

Ion Ratio Lower Upper

166 100

165 98.0 77.8 116.6

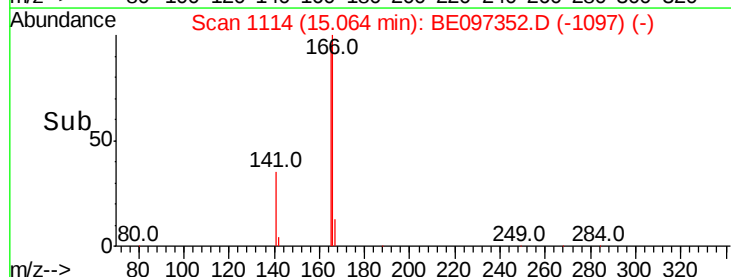
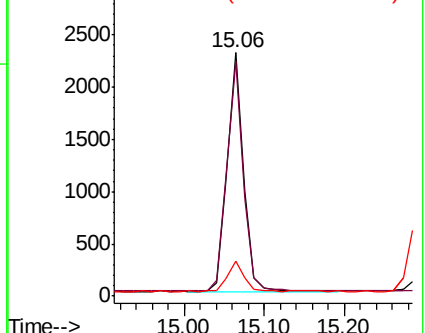
167 13.1 42.4 63.6#

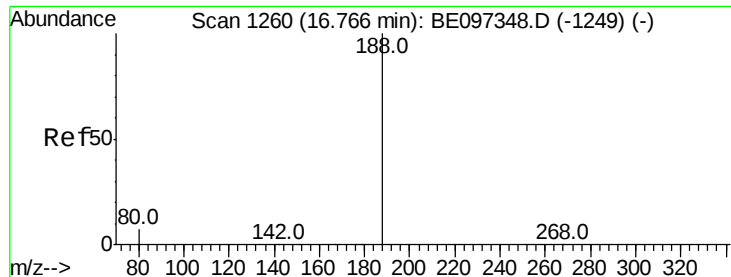


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

Instrument :

BNA_E

ClientSampleId :

ICVBE082218

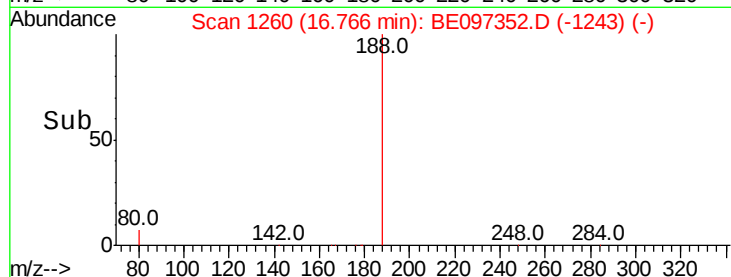
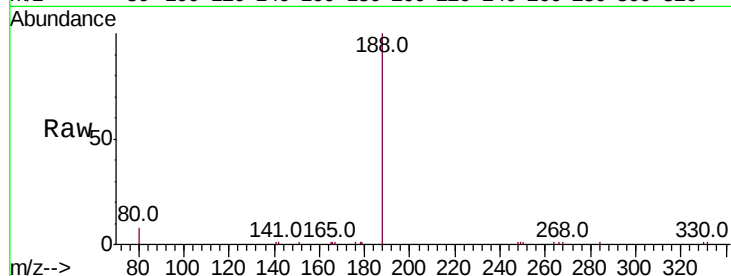
Tot Ion:188 Resp: 6405

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

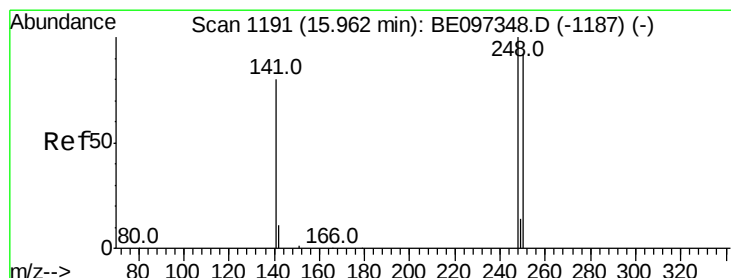
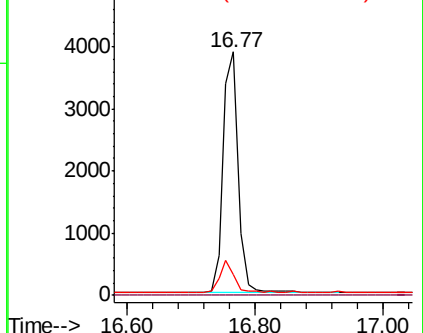
80 8.3 3.6 5.4#



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: 0.412 ng

RT: 15.96 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

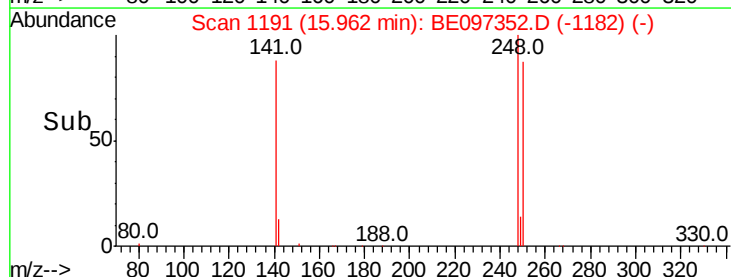
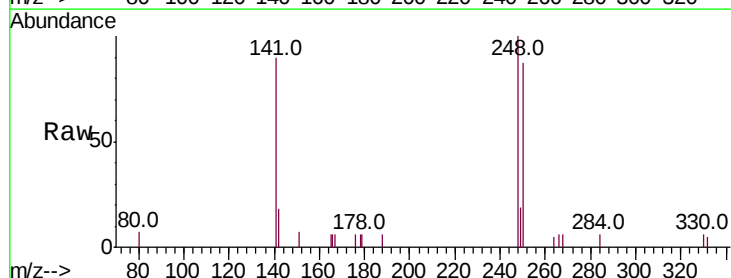
Tgt Ion:248 Resp: 1199

Ion Ratio Lower Upper

248 100

250 87.5 62.7 94.1

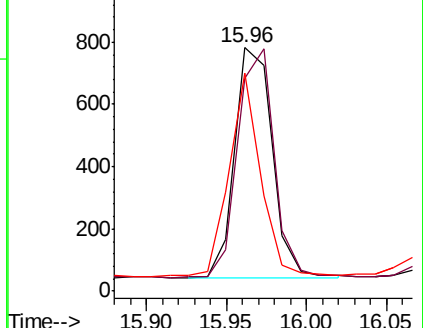
141 89.8 48.2 72.2#

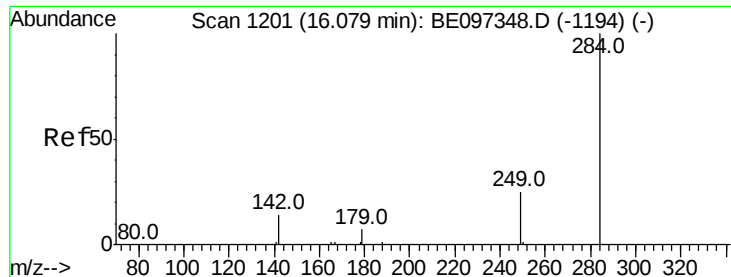


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.412 ng

RT: 16.08 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

Instrument :

BNA_E

ClientSampleId :

ICVBE082218

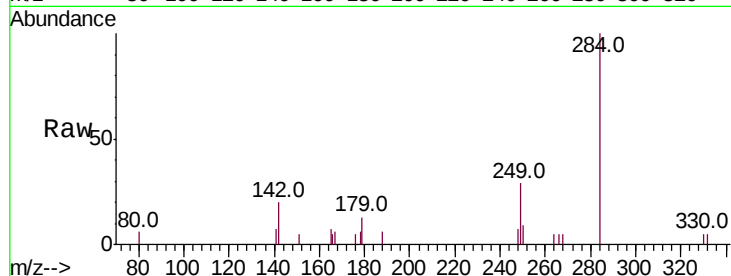
Tot Ion:284 Resp: 1327

Ion Ratio Lower Upper

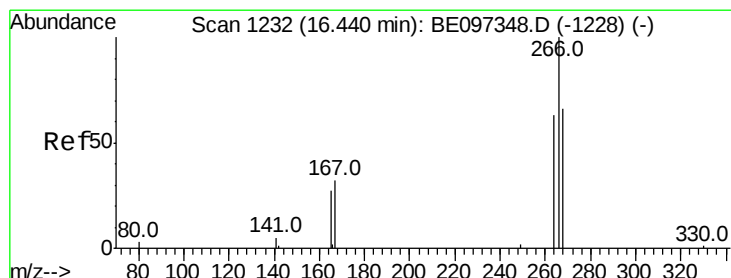
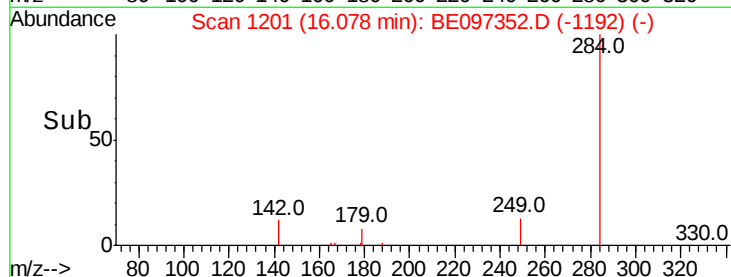
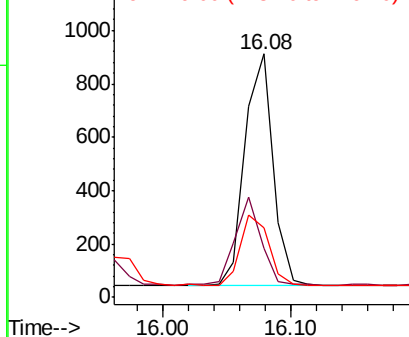
284 100

142 34.4 22.1 33.1#

249 30.7 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: 0.445 ng

RT: 16.43 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

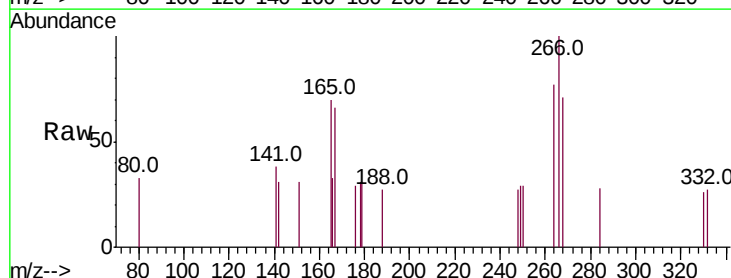
Tgt Ion:266 Resp: 304

Ion Ratio Lower Upper

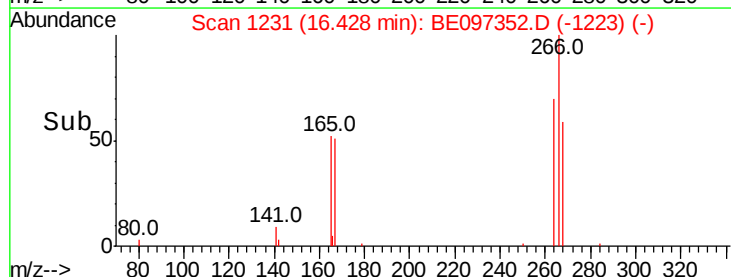
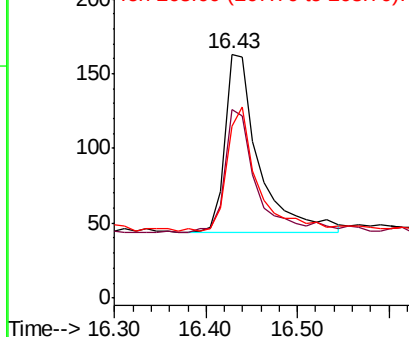
266 100

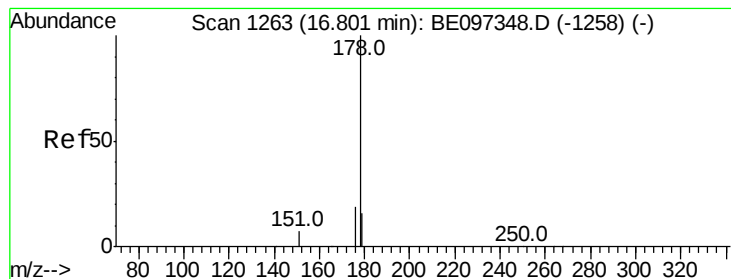
264 77.3 72.5 108.7

268 70.6 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: 0.412 ng

RT: 16.80 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

Instrument :

BNA_E

ClientSampleId :

ICVBE082218

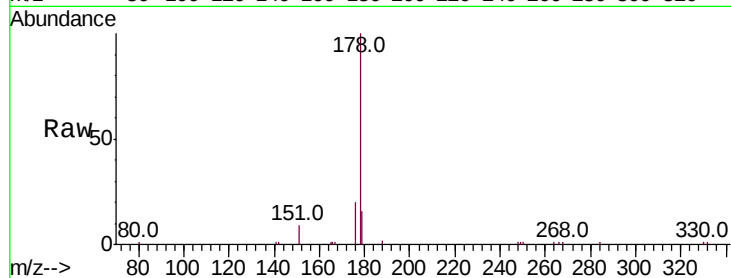
Tot Ion:178 Resp: 6281

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

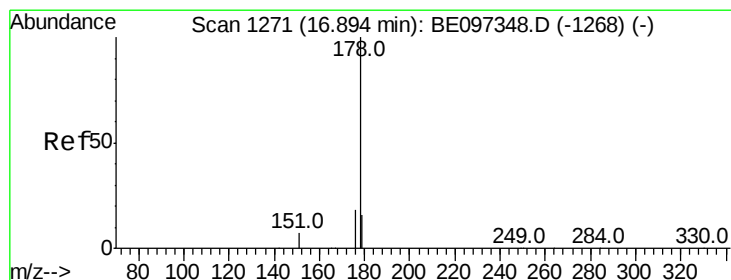
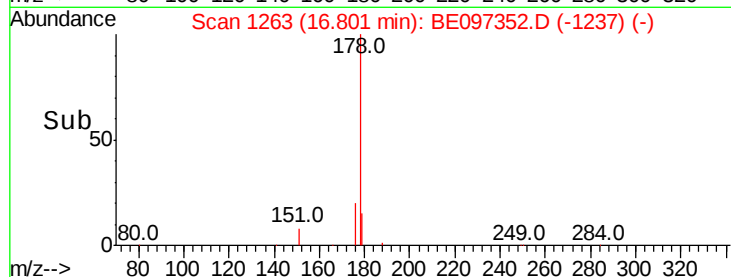
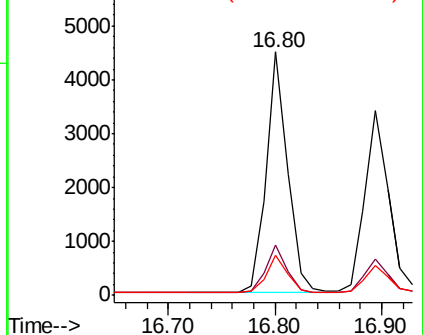
179 15.3 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.405 ng

RT: 16.89 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

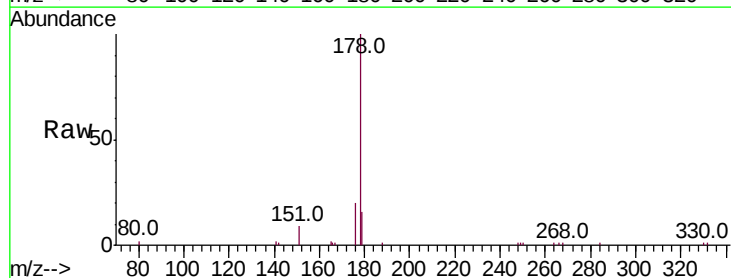
Tgt Ion:178 Resp: 5256

Ion Ratio Lower Upper

178 100

176 18.6 12.8 19.2

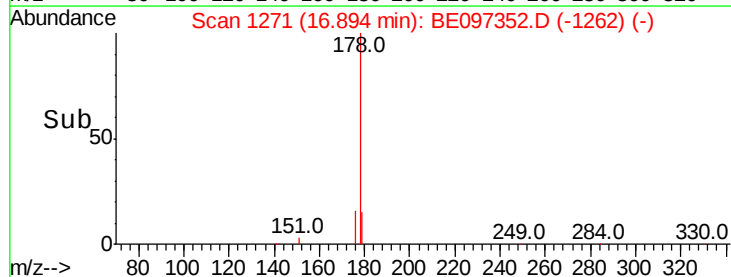
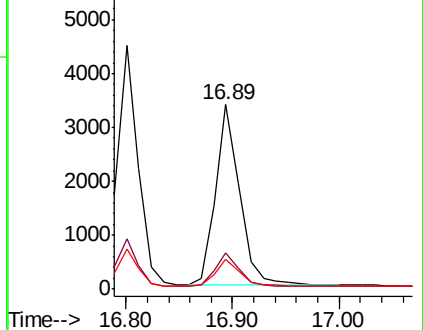
179 15.3 13.0 19.6

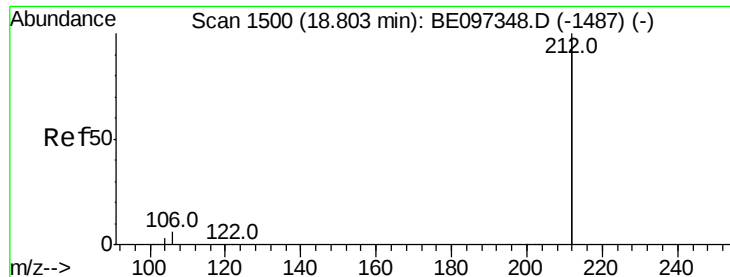


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.393 ng

RT: 18.80 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

Instrument :

BNA_E

ClientSampleId :

ICVBE082218

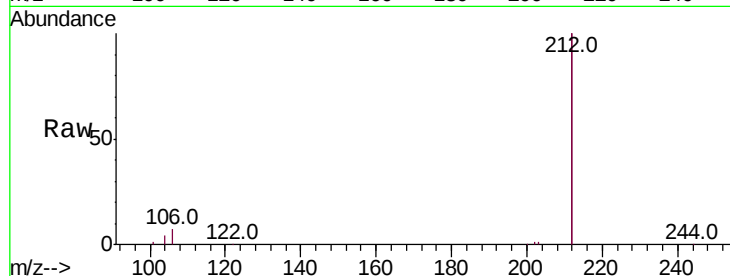
Tot Ion:212 Resp: 28870

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

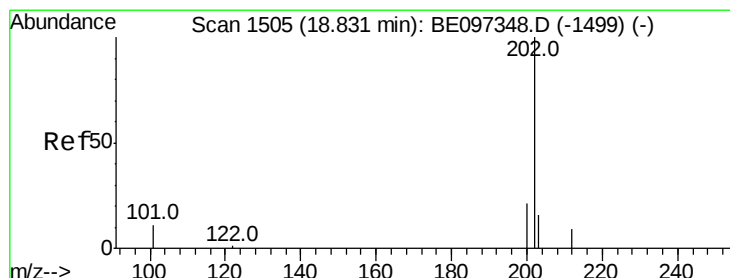
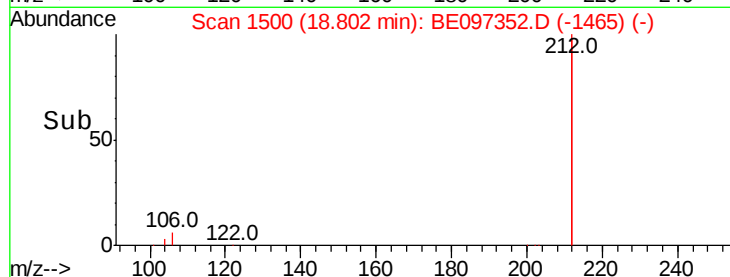
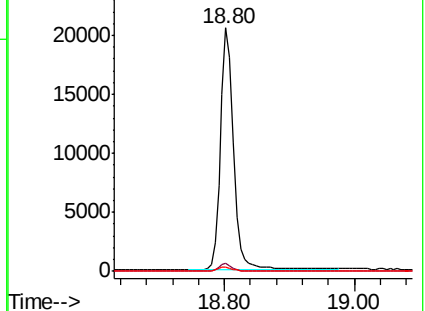
104 1.7 1.6 2.4



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: 0.404 ng

RT: 18.84 min Scan# 1506

Delta R.T. 0.01 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

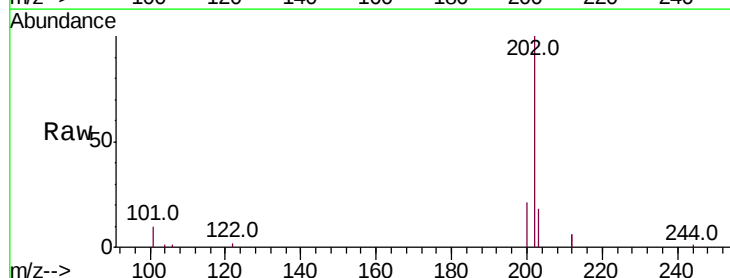
Tgt Ion:202 Resp: 7718

Ion Ratio Lower Upper

202 100

101 10.9 9.8 14.8

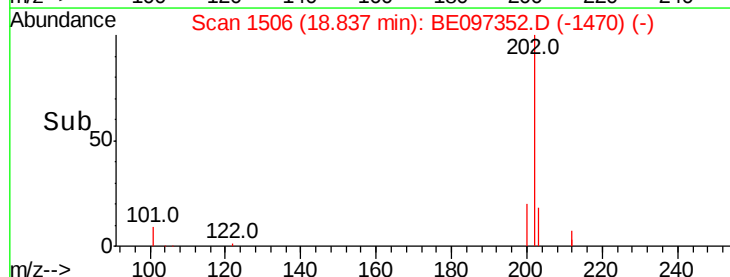
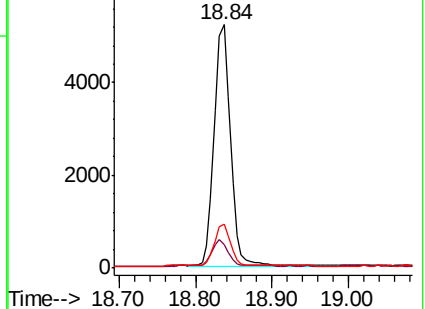
203 16.9 13.7 20.5

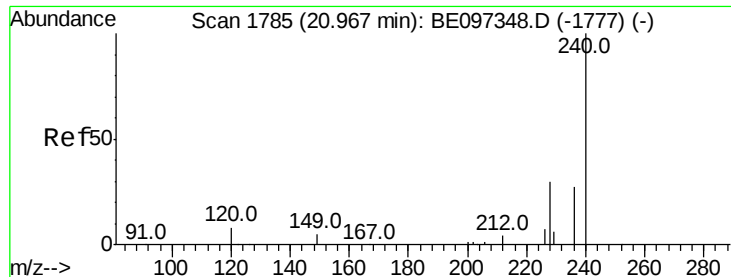


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1785

Delta R.T. -0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

Instrument :

BNA_E

ClientSampleId :

ICVBE082218

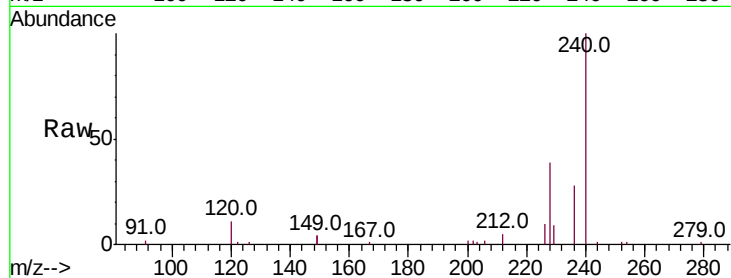
Tot Ion:240 Resp: 8018

Ion Ratio Lower Upper

240 100

120 10.9 5.5 8.3#

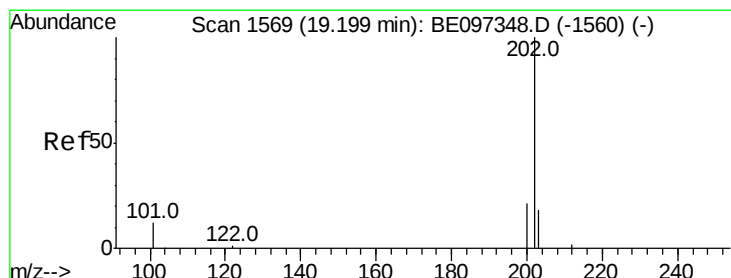
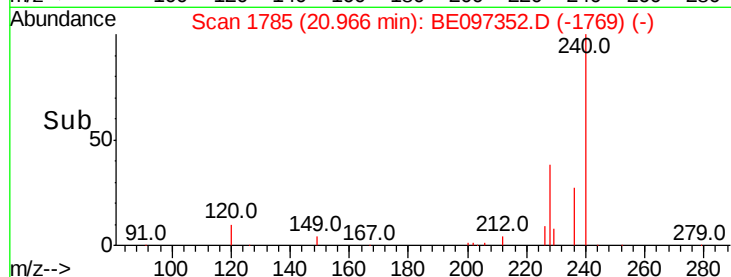
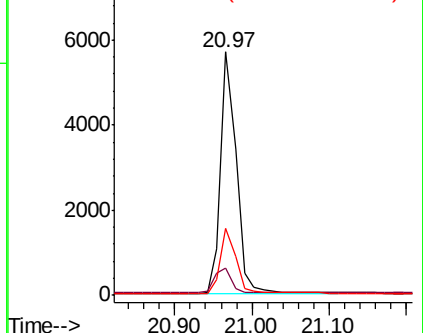
236 27.6 20.7 31.1



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: 0.441 ng

RT: 19.20 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

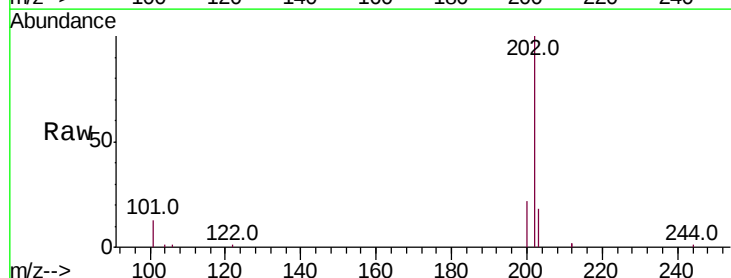
Tgt Ion:202 Resp: 8406

Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

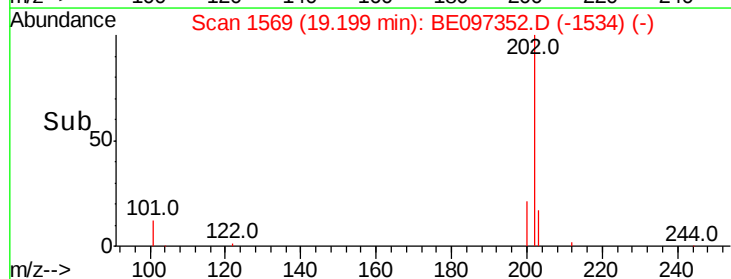
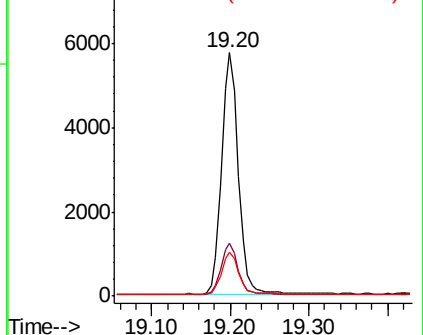
203 17.4 13.8 20.8

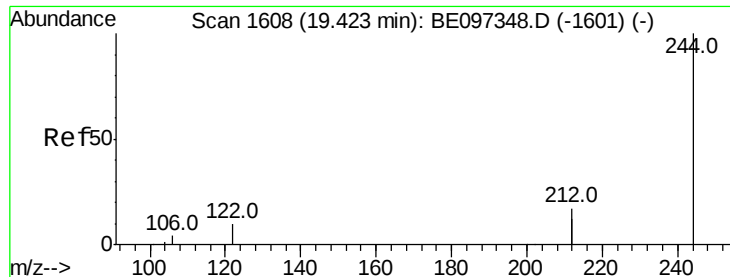


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.425 ng

RT: 19.42 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

Instrument :

BNA_E

ClientSampleId :

ICVBE082218

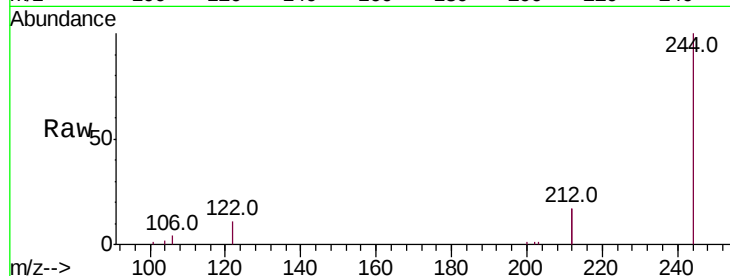
Tot Ion:244 Resp: 6291

Ion Ratio Lower Upper

244 100

212 33.7 25.4 38.0

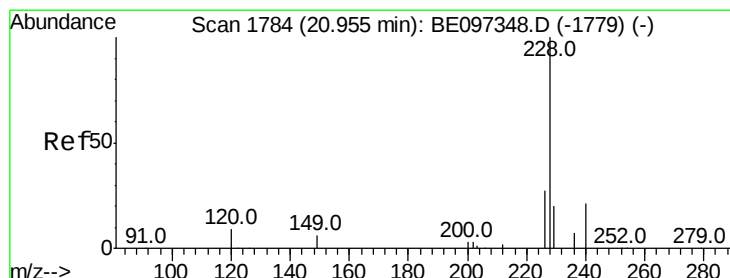
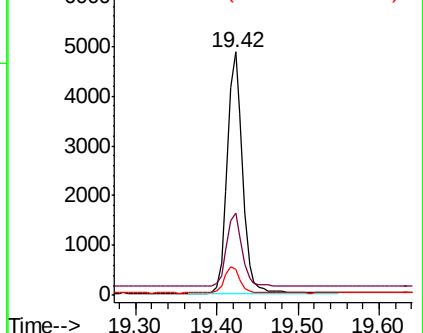
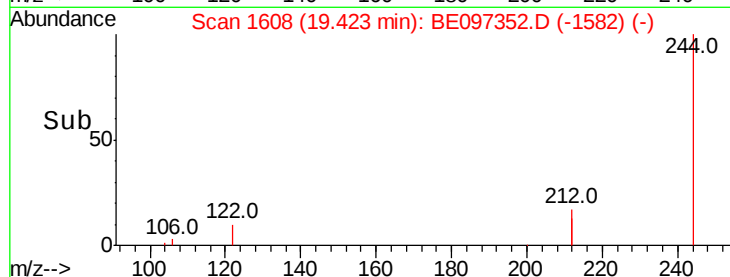
122 10.8 8.1 12.1



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: 0.400 ng

RT: 20.95 min Scan# 1784

Delta R.T. -0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

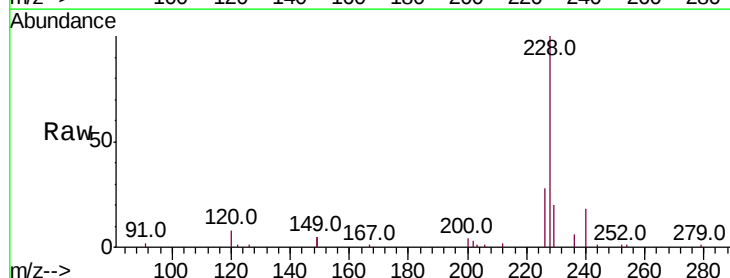
Tgt Ion:228 Resp: 8105

Ion Ratio Lower Upper

228 100

226 27.6 24.0 36.0

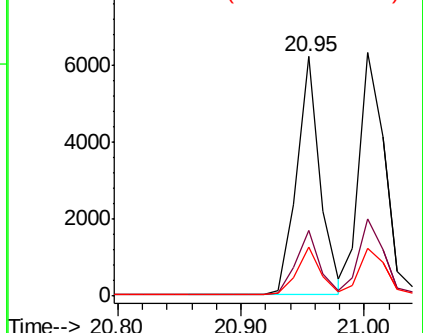
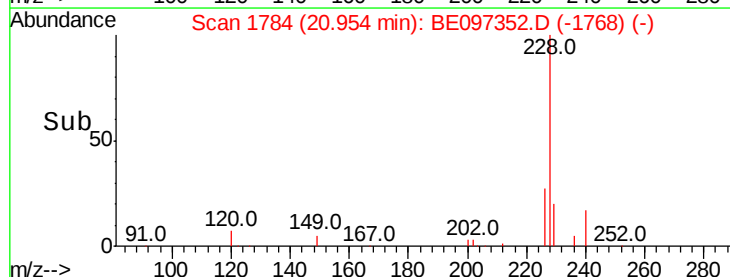
229 20.4 16.0 24.0

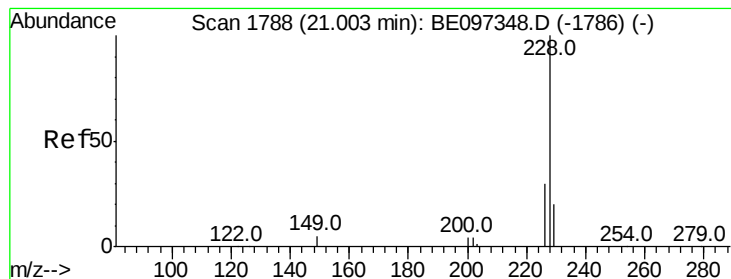


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.407 ng

RT: 21.00 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

Instrument :

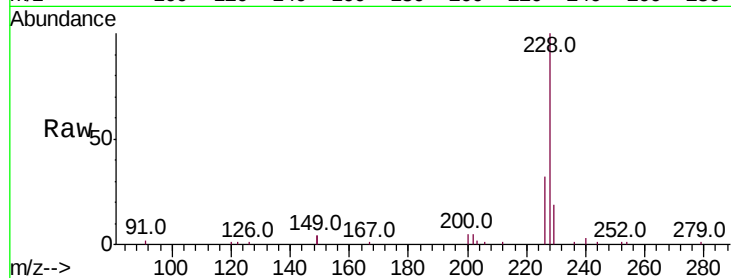
BNA_E

ClientSampleId :

ICVBE082218

Tot Ion:228 Resp: 8881

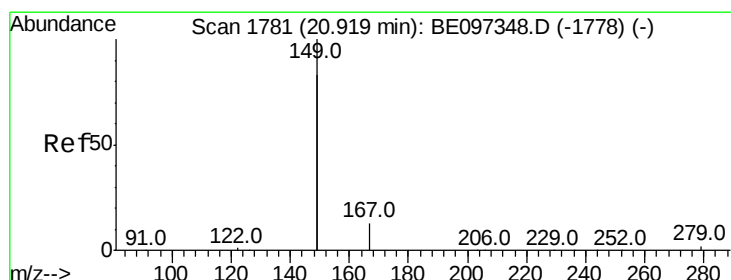
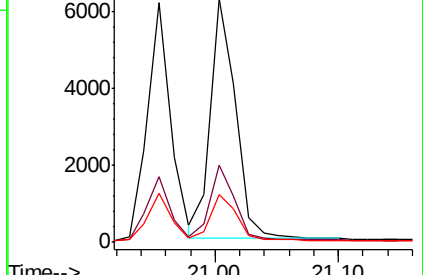
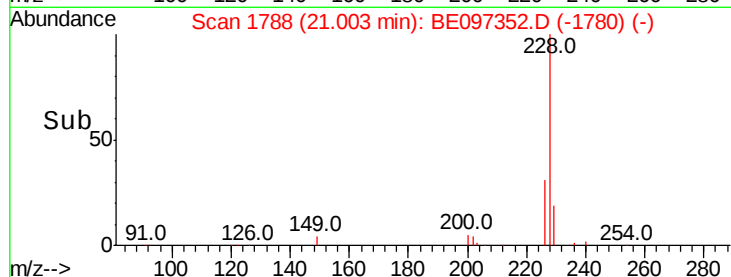
Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.0	36.0
229	19.4	16.0	24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.389 ng

RT: 20.92 min Scan# 1781

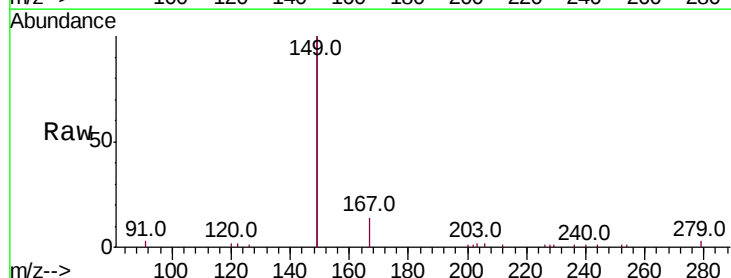
Delta R.T. 0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

Tgt Ion:149 Resp: 8799

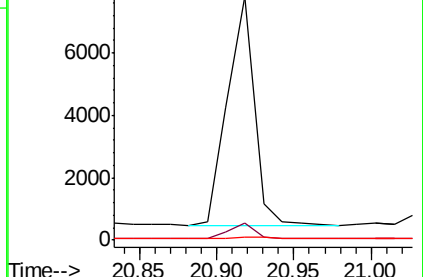
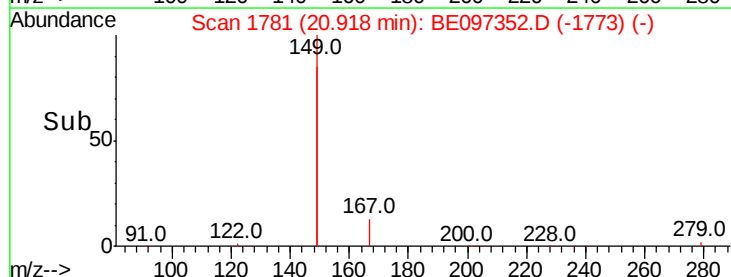
Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	1.1	0.7	1.1#

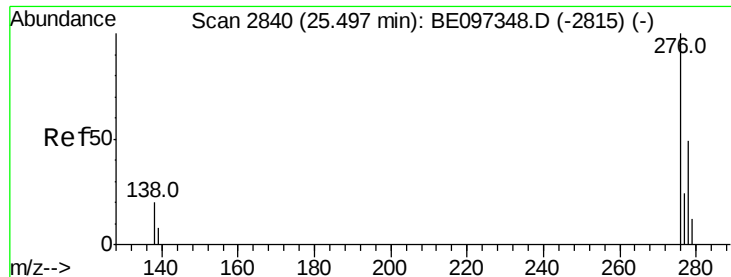


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.352 ng

RT: 25.49 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

Instrument :

BNA_E

ClientSampleId :

ICVBE082218

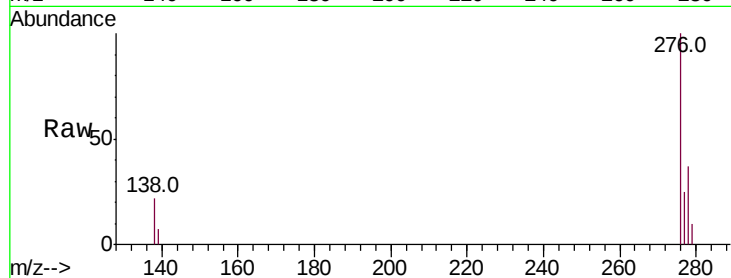
Tot Ion:276 Resp: 9890

Ion Ratio Lower Upper

276 100

138 21.5 22.5 33.7#

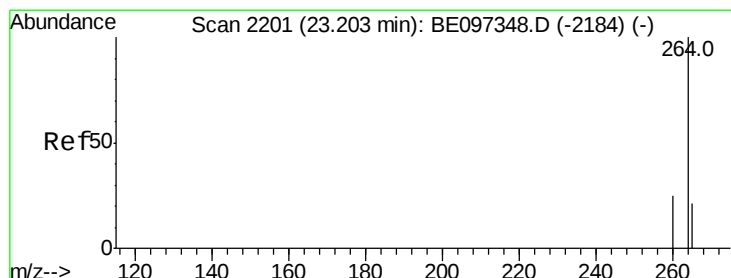
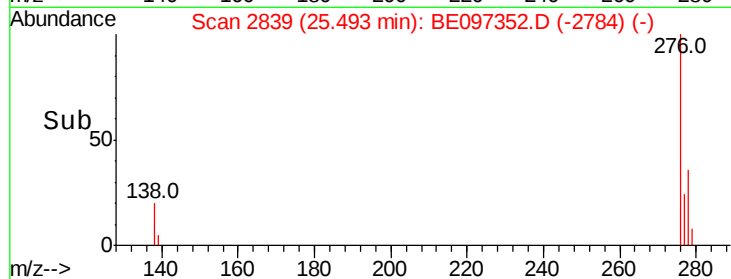
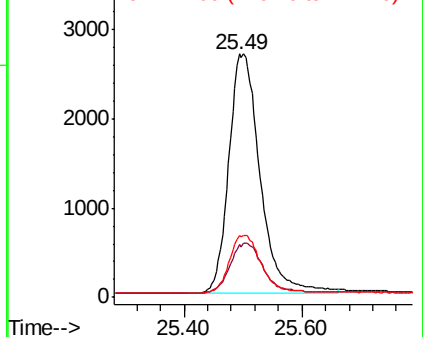
277 24.8 19.9 29.9



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# 2202

Delta R.T. 0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

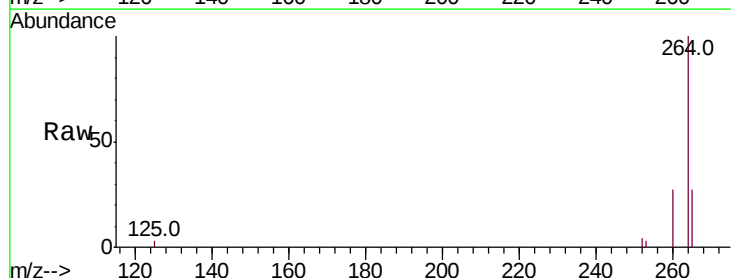
Tgt Ion:264 Resp: 7552

Ion Ratio Lower Upper

264 100

260 26.6 20.5 30.7

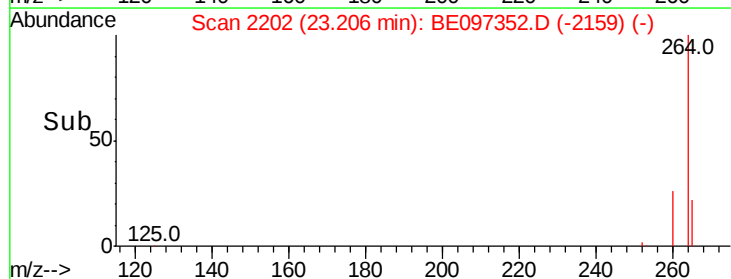
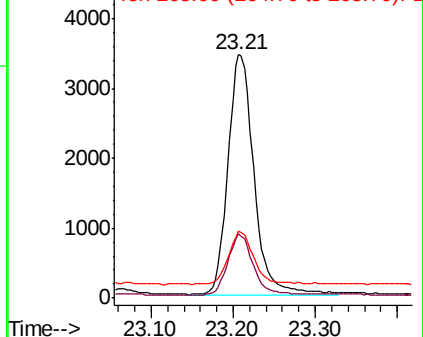
265 27.4 22.8 34.2

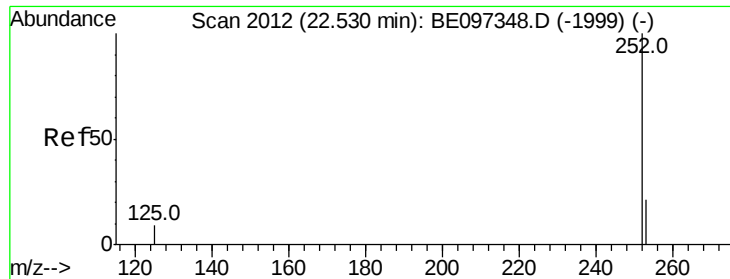


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.392 ng

RT: 22.53 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

Instrument :

BNA_E

ClientSampleId :

ICVBE082218

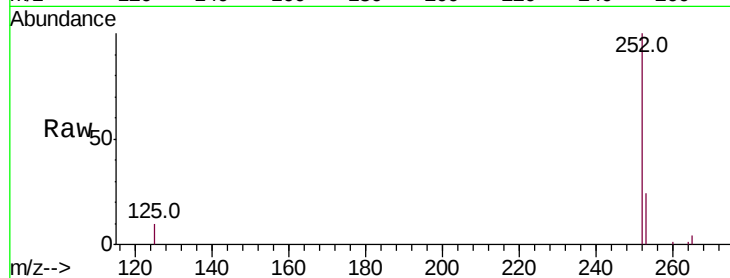
Tot Ion:252 Resp: 7920

Ion Ratio Lower Upper

252 100

253 23.6 20.0 30.0

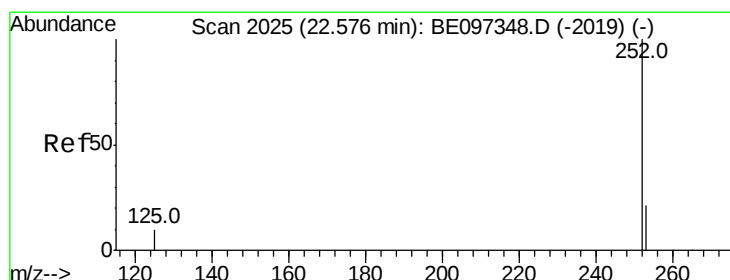
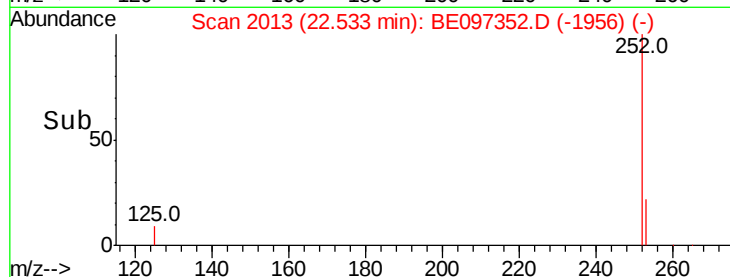
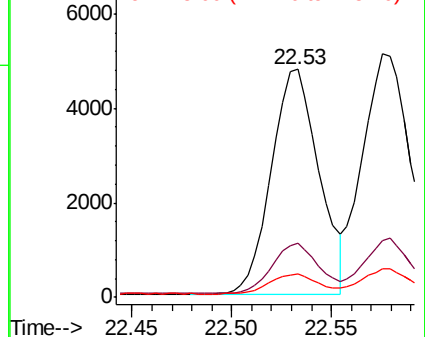
125 10.5 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.402 ng

RT: 22.58 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

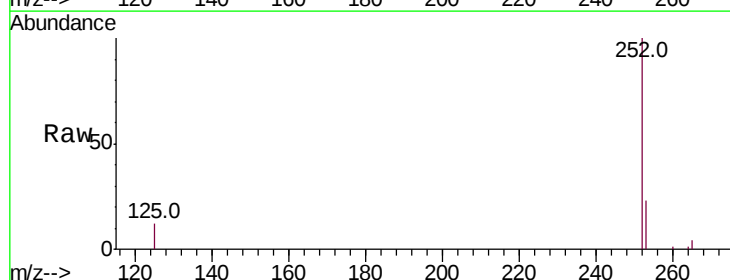
Tgt Ion:252 Resp: 9025

Ion Ratio Lower Upper

252 100

253 23.4 16.0 24.0

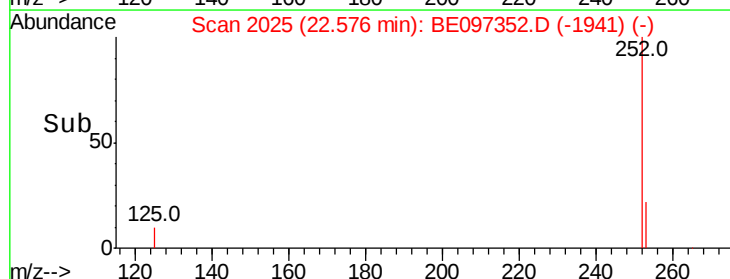
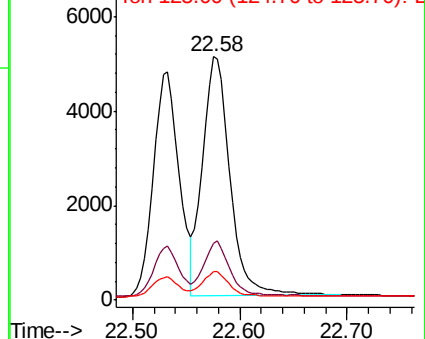
125 11.6 8.0 12.0

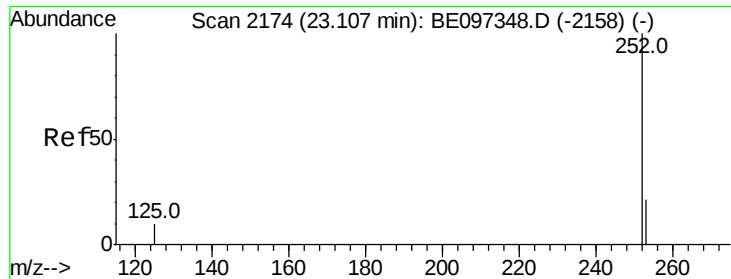


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.373 ng

RT: 23.11 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

Instrument :

BNA_E

ClientSampleId :

ICVBE082218

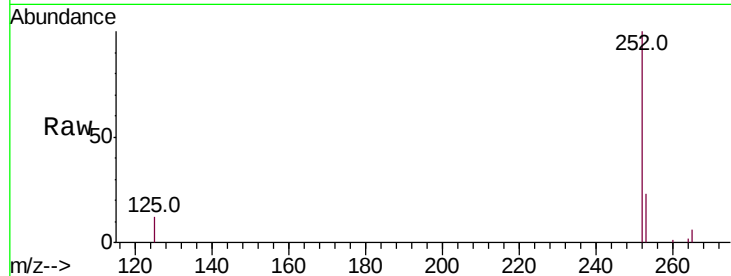
Tot Ion:252 Resp: 7263

Ion Ratio Lower Upper

252 100

253 23.1 16.0 24.0

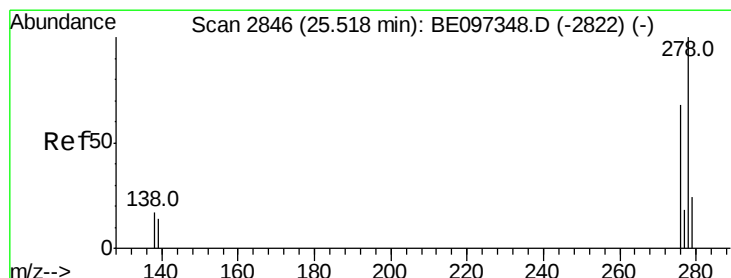
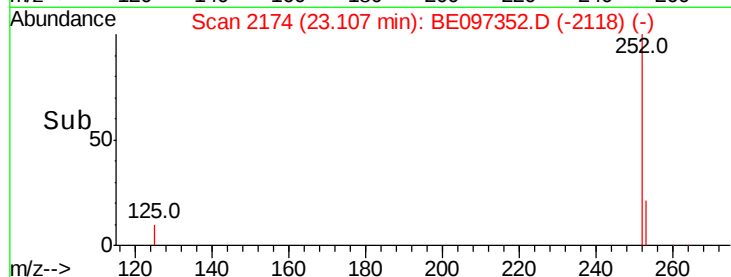
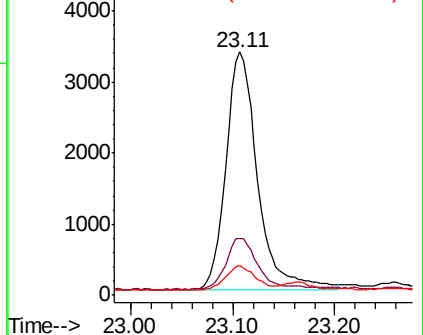
125 12.1 12.0 18.0



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: 0.362 ng

RT: 25.52 min Scan# 2847

Delta R.T. 0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

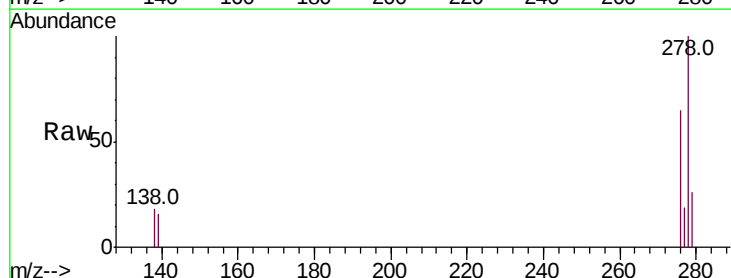
Tgt Ion:278 Resp: 8388

Ion Ratio Lower Upper

278 100

139 15.8 16.0 24.0#

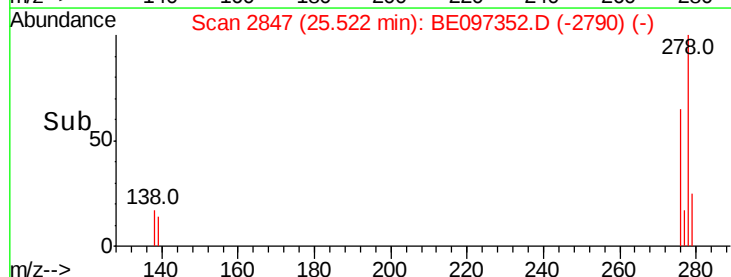
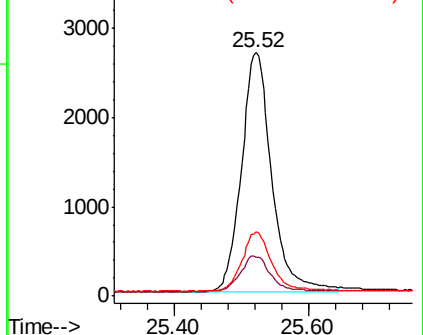
279 26.3 20.0 30.0

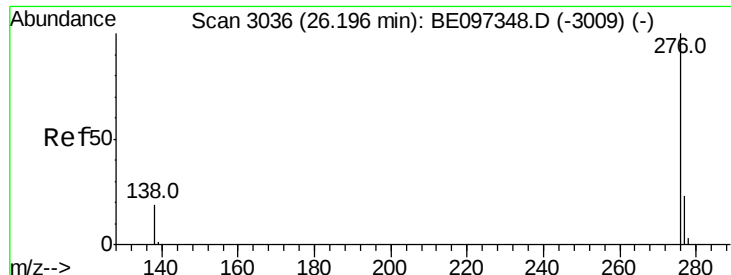


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.356 ng

RT: 26.20 min Scan# 3036

Delta R.T. 0.00 min

Lab File: BE097352.D

Acq: 22 Aug 2018 18:01

Instrument :

BNA_E

ClientSampleId :

ICVBE082218

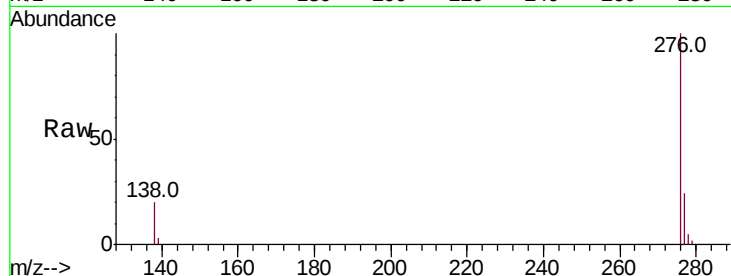
Tot Ion:276 Resp: 8512

Ion Ratio Lower Upper

276 100

277 24.5 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

