

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092018\
 Data File : BE097590.D
 Acq On : 21 Sep 2018 1:49
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Sep 21 06:01:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 10:54:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	736	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3738	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2725	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	8167	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8903	0.40	ng	0.00
34) Perylene-d12	23.20	264	9002	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	828	0.38	ng	0.00
5) Phenol-d6	6.61	99	1022	0.36	ng	0.00
8) Nitrobenzene-d5	8.53	82	1028	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2242	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	465	0.44	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	3472	0.36	ng	0.00
25) Fluoranthene-d10	18.80	212	34536	0.33	ng	0.00
29) Terphenyl-d14	19.41	244	6977	0.43	ng	0.00

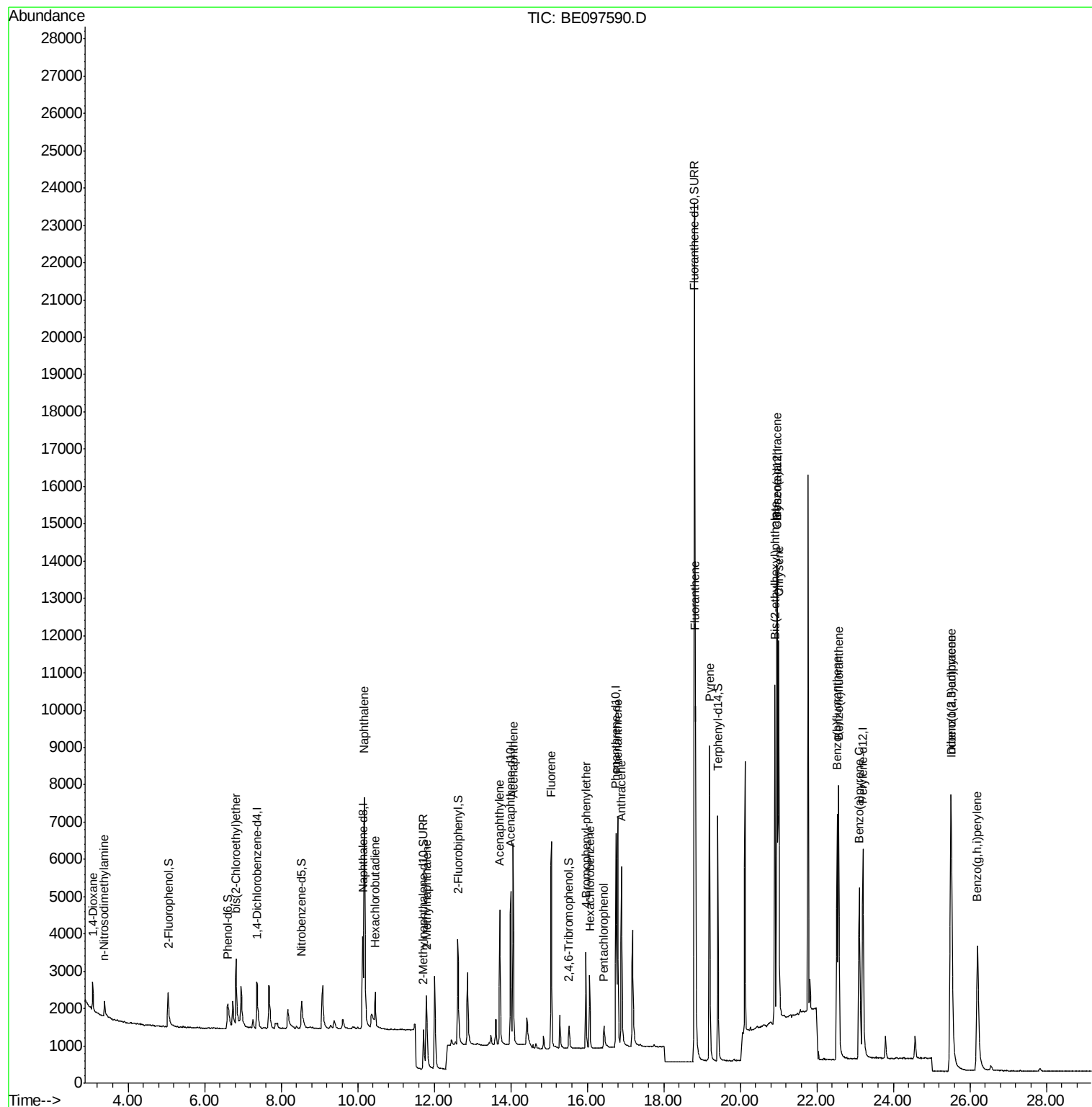
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.07	88	502	0.399	ng	# 89
3) n-Nitrosodimethylamine	3.37	42	333	0.315	ng	# 85
6) bis(2-Chloroethyl)ether	6.83	93	952	0.364	ng	83
9) Naphthalene	10.17	128	13466	0.400	ng	99
10) Hexachlorobutadiene	10.46	225	616	0.397	ng	96
12) 2-Methylnaphthalene	11.80	142	2239	0.426	ng	98
16) Acenaphthylene	13.72	152	4242	0.394	ng	99
17) Acenaphthene	14.06	154	2798	0.387	ng	95
18) Fluorene	15.06	166	3868	0.411	ng	# 79
20) 4-Bromophenyl-phenylether	15.96	248	1411	0.383	ng	# 85
21) Hexachlorobenzene	16.07	284	1655	0.409	ng	# 84
22) Pentachlorophenol	16.44	266	497	0.404	ng	# 76
23) Phenanthrene	16.80	178	7408	0.382	ng	98
24) Anthracene	16.89	178	6341	0.370	ng	96
26) Fluoranthene	18.83	202	9005	0.335	ng	99
28) Pyrene	19.20	202	9234	0.456	ng	100
30) Benzo(a)anthracene	20.95	228	8447	0.377	ng	97
31) Chrysene	21.00	228	9605	0.399	ng	99
32) Bis(2-ethylhexyl)phthalate	20.91	149	11983	0.329	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.50	276	11421	0.394	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	8614	0.373	ng	# 89
36) Benzo(k)fluoranthene	22.57	252	10296	0.391	ng	94
37) Benzo(a)pyrene	23.11	252	8678	0.389	ng	# 92
38) Dibenzo(a,h)anthracene	25.52	278	9533	0.394	ng	# 95
39) Benzo(g,h,i)perylene	26.20	276	9189	0.391	ng	# 89

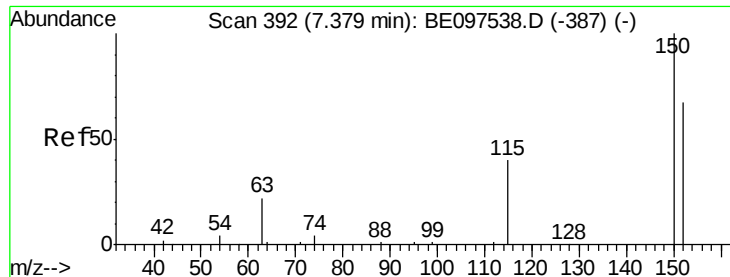
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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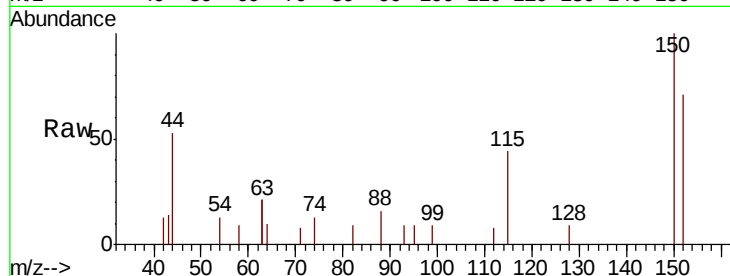


#1

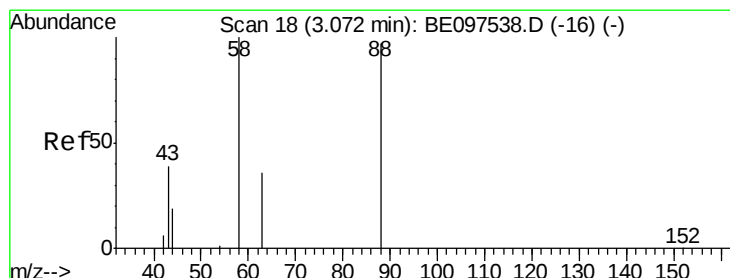
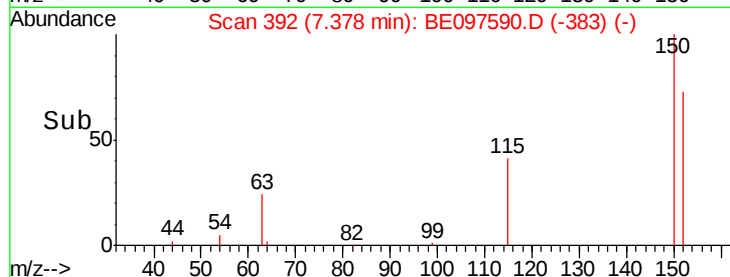
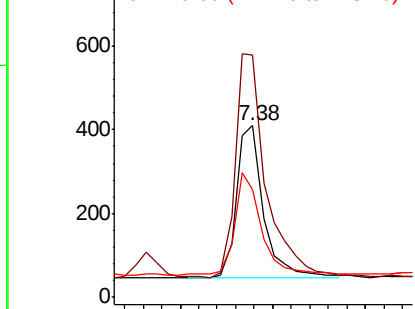
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097590.D
Acq: 21 Sep 2018 1:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 152 Resp: 736
Ion Ratio Lower Upper
152 100
150 141.6 117.2 175.8
115 62.8 57.0 85.6



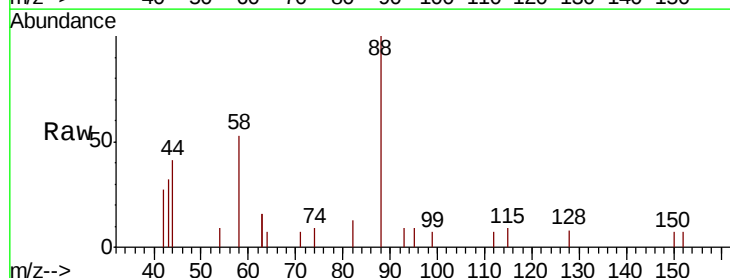
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



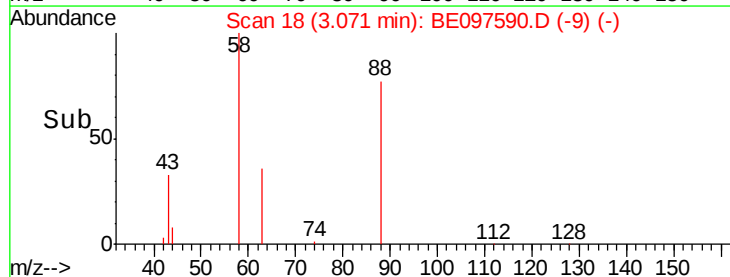
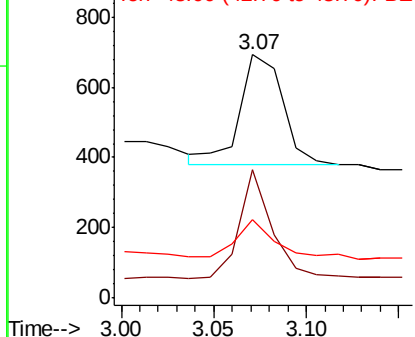
#2

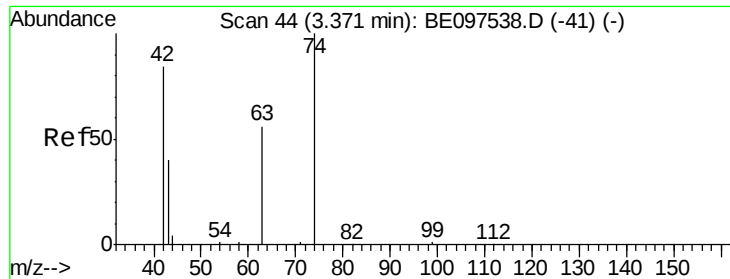
1,4-Dioxane
Concen: 0.399 ng
RT: 3.07 min Scan# 18
Delta R.T. -0.00 min
Lab File: BE097590.D
Acq: 21 Sep 2018 1:49

Tgt Ion: 88 Resp: 502
Ion Ratio Lower Upper
88 100
58 77.3 63.2 94.8
43 33.7 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: 0.315 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE097590.D

Acq: 21 Sep 2018 1:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

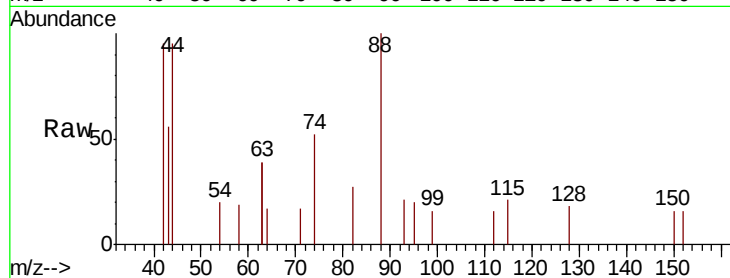
Tgt Ion: 42 Resp: 333

Ion Ratio Lower Upper

42 100

74 137.2 96.0 144.0

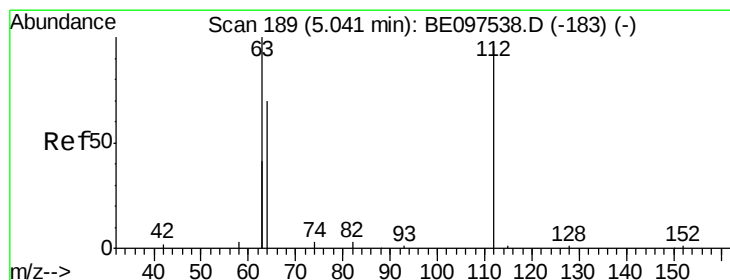
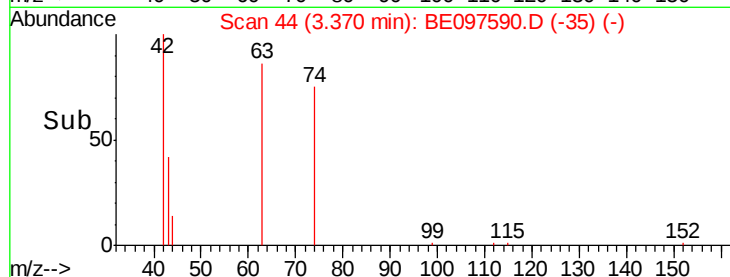
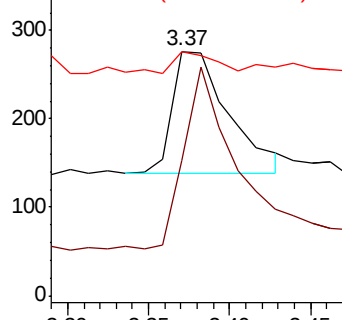
44 11.4 12.0 18.0#



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: 0.375 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097590.D

Acq: 21 Sep 2018 1:49

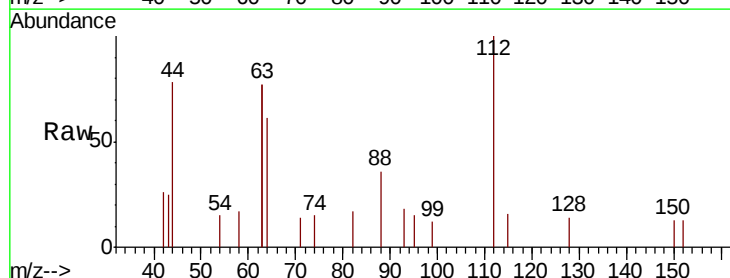
Tgt Ion: 112 Resp: 828

Ion Ratio Lower Upper

112 100

64 64.7 60.1 90.1

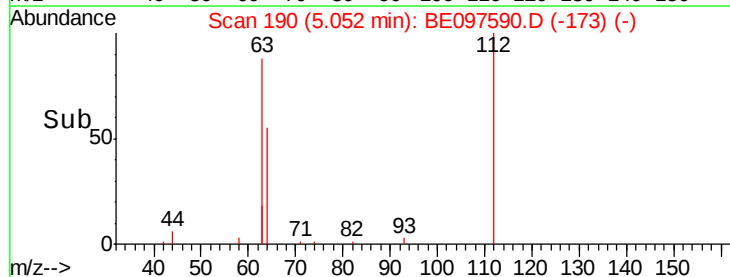
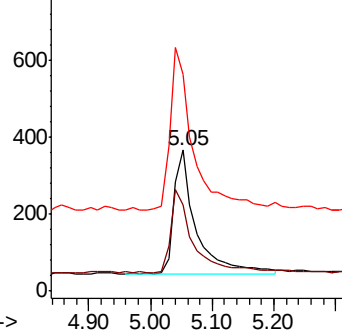
63 133.1 116.8 175.2

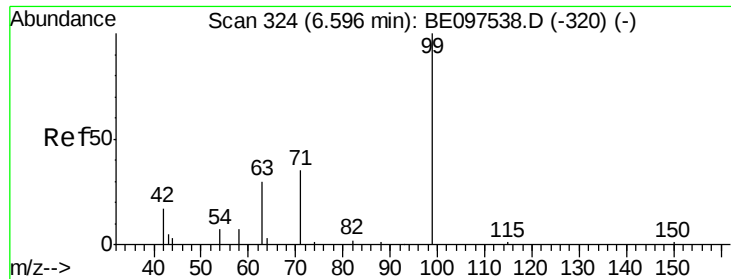


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.362 ng

RT: 6.61 min Scan# 325

Delta R.T. -0.00 min

Lab File: BE097590.D

Acq: 21 Sep 2018 1:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

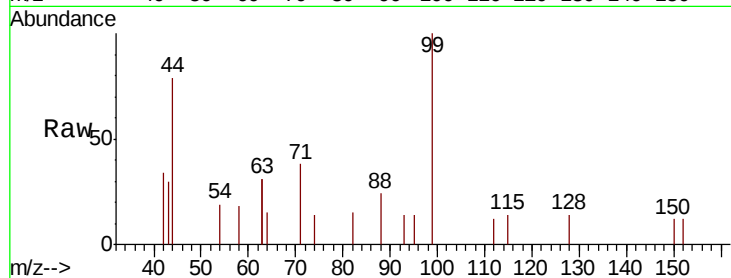
Tgt Ion: 99 Resp: 1022

Ion Ratio Lower Upper

99 100

42 25.0 20.2 30.2

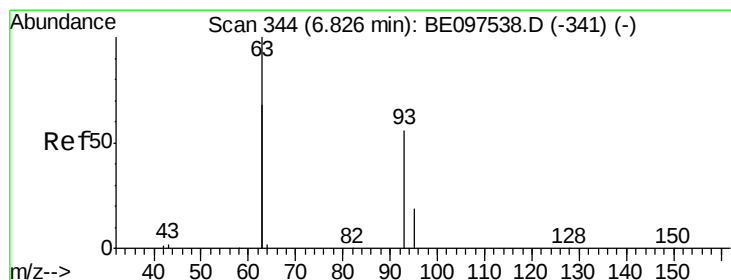
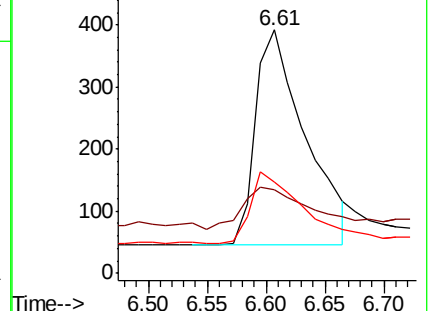
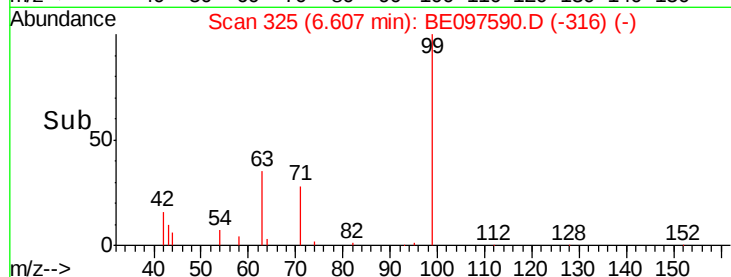
71 33.8 28.4 42.6



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: 0.364 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.00 min

Lab File: BE097590.D

Acq: 21 Sep 2018 1:49

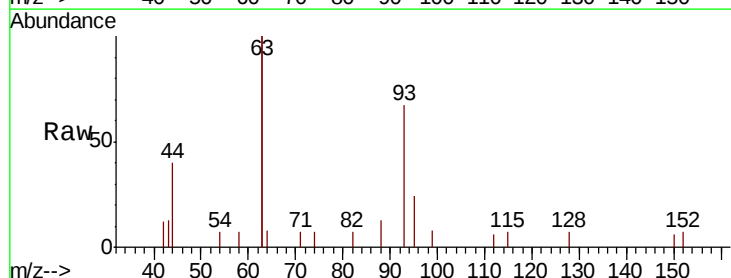
Tgt Ion: 93 Resp: 952

Ion Ratio Lower Upper

93 100

63 304.2 275.3 412.9

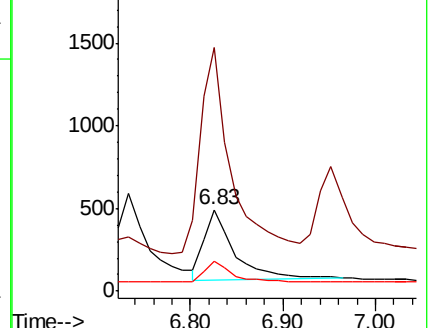
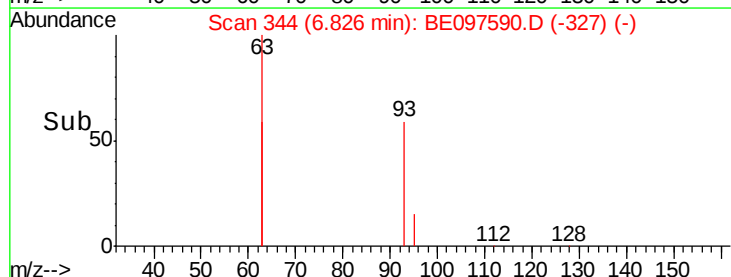
95 30.5 25.2 37.8

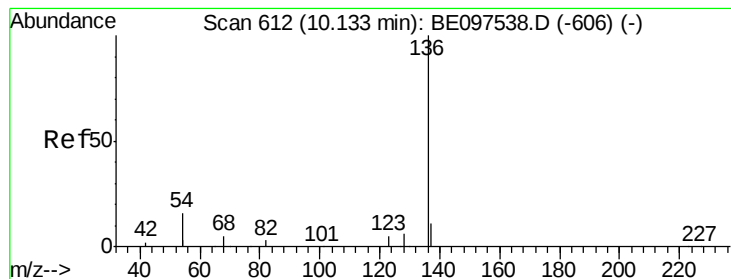


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097590.D

Acq: 21 Sep 2018 1:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 3738

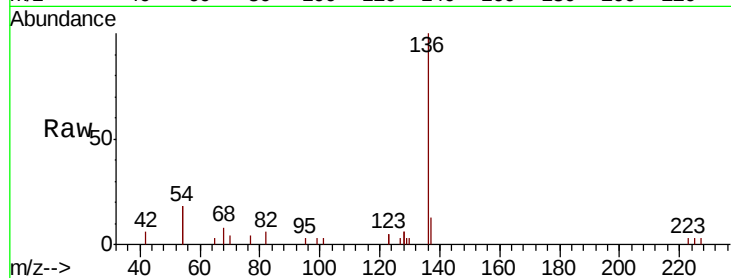
Ion Ratio Lower Upper

136 100

137 13.0 9.5 14.3

54 36.6 29.1 43.7

68 8.0 6.2 9.2

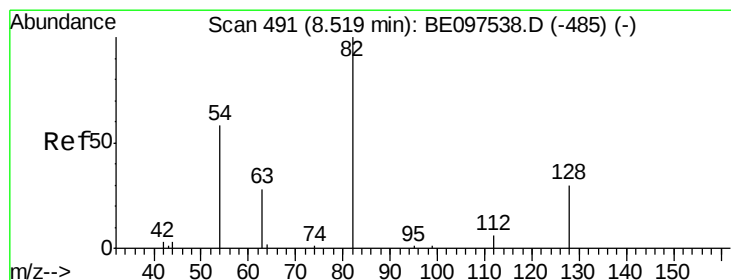
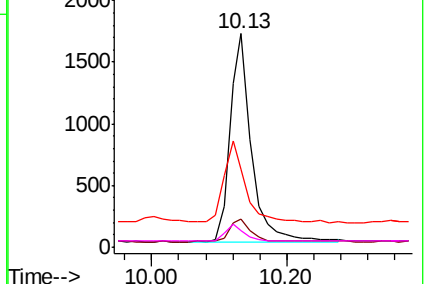
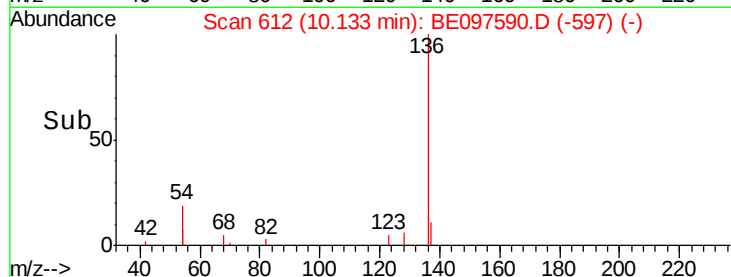


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.356 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.00 min

Lab File: BE097590.D

Acq: 21 Sep 2018 1:49

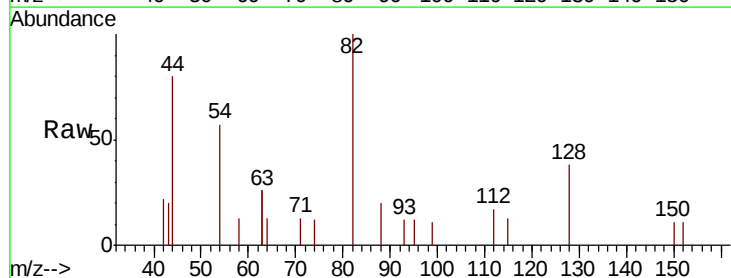
Tgt Ion: 82 Resp: 1028

Ion Ratio Lower Upper

82 100

128 38.3 24.0 36.0#

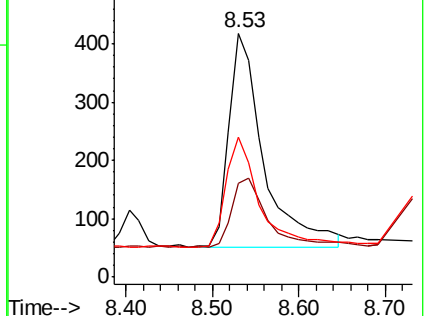
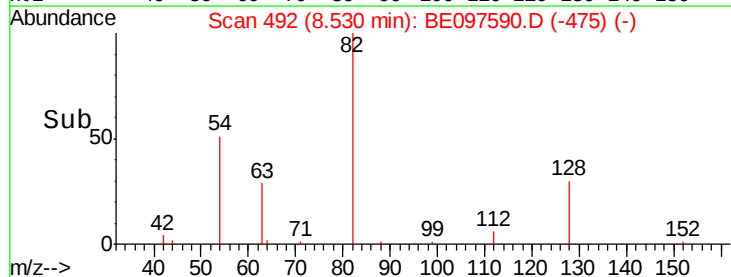
54 57.4 40.0 60.0

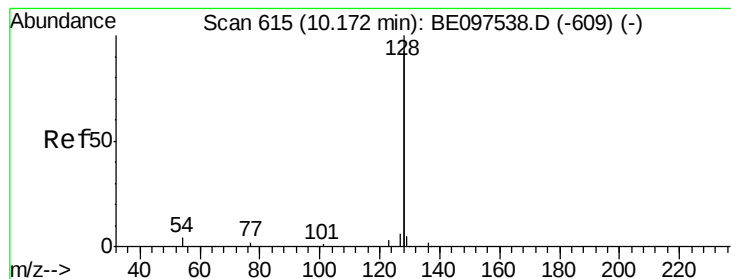


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.400 ng

RT: 10.17 min Scan# 615

Delta R.T. -0.00 min

Lab File: BE097590.D

Acq: 21 Sep 2018 1:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

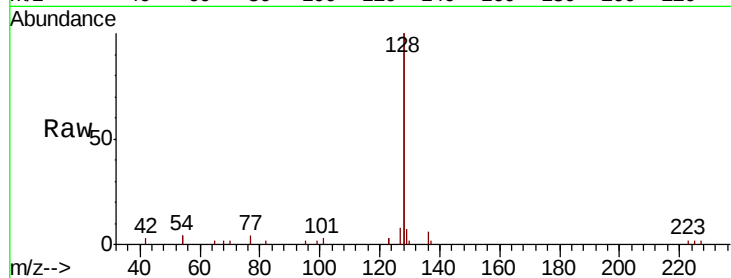
Tgt Ion:128 Resp: 13466

Ion Ratio Lower Upper

128 100

129 3.3 2.6 3.8

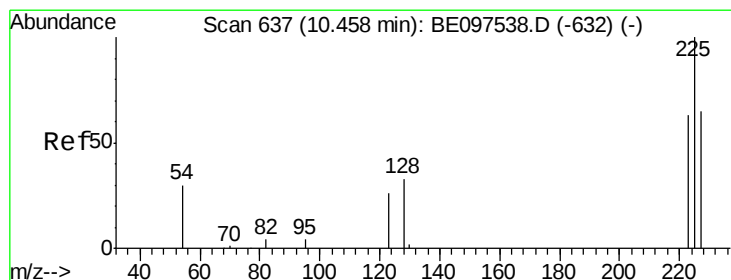
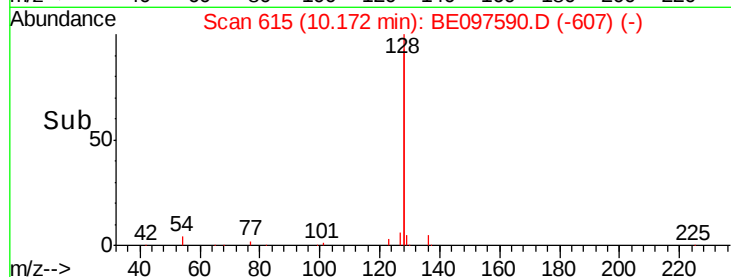
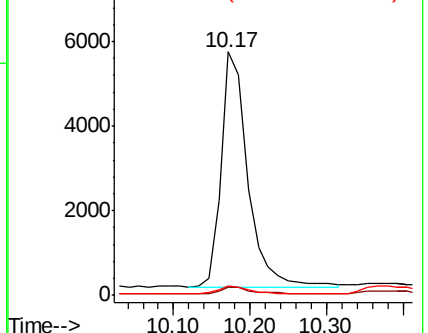
127 4.0 2.8 4.2



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: 0.397 ng

RT: 10.46 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE097590.D

Acq: 21 Sep 2018 1:49

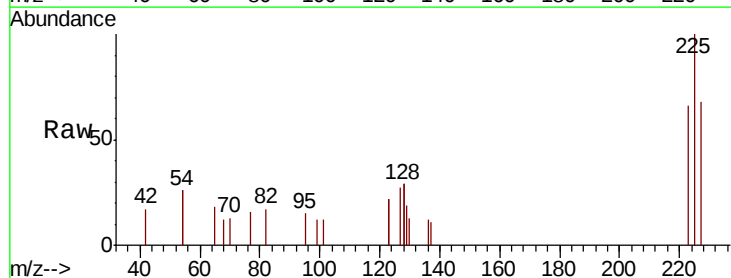
Tgt Ion:225 Resp: 616

Ion Ratio Lower Upper

225 100

223 61.9 53.0 79.6

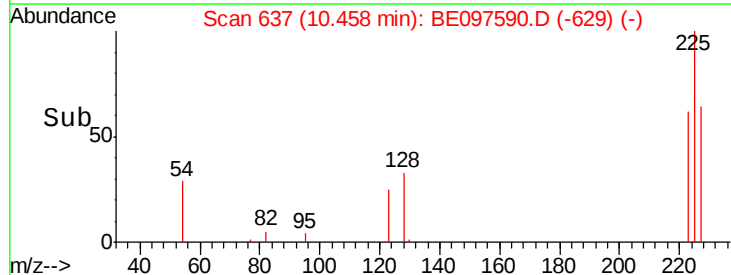
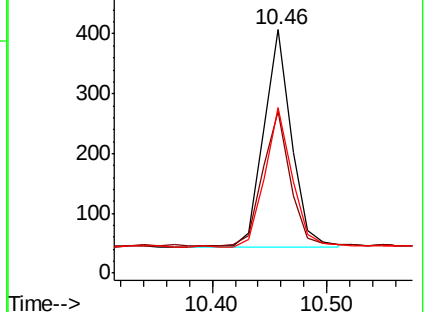
227 63.1 51.4 77.2

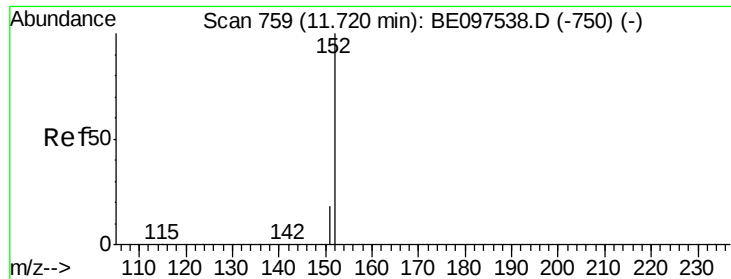


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

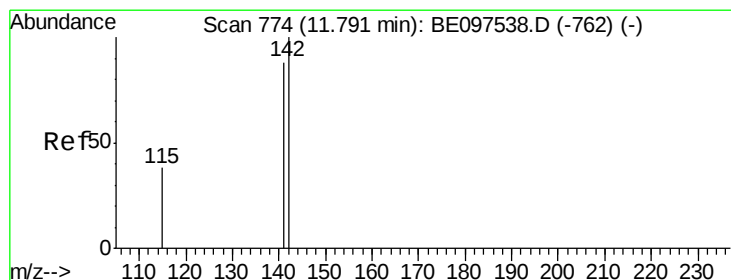
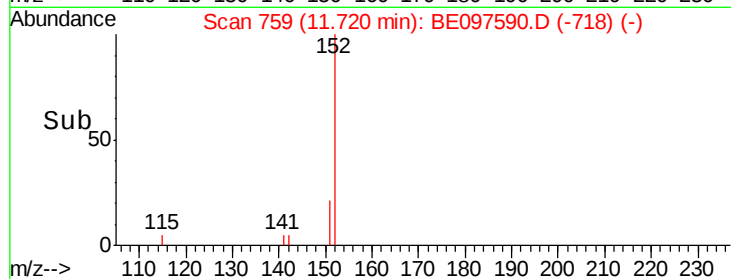
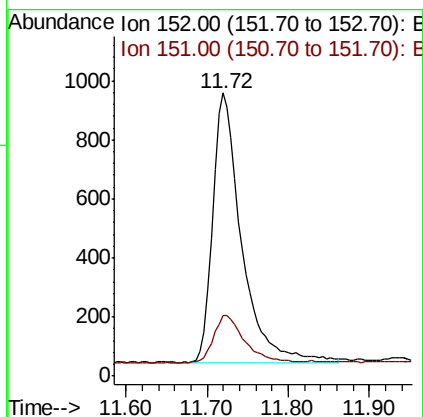
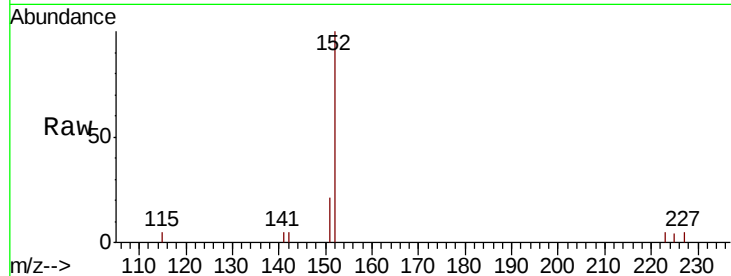




#11
 2-Methylnaphthalene-d10
 Concen: 0.435 ng
 RT: 11.72 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BE097590.D
 Acq: 21 Sep 2018 1:49

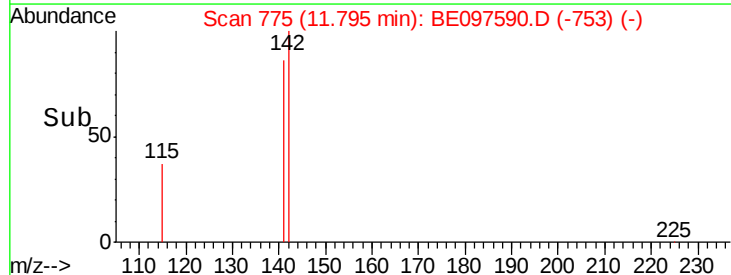
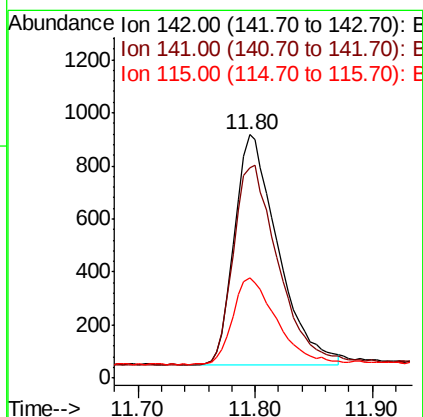
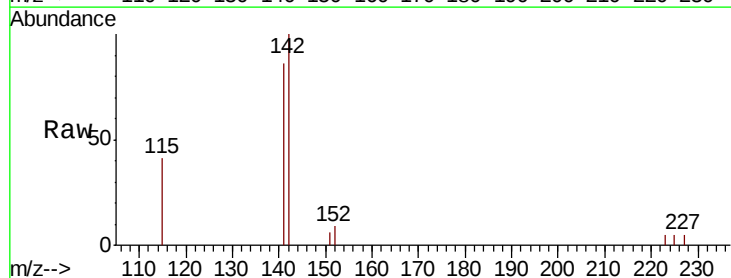
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

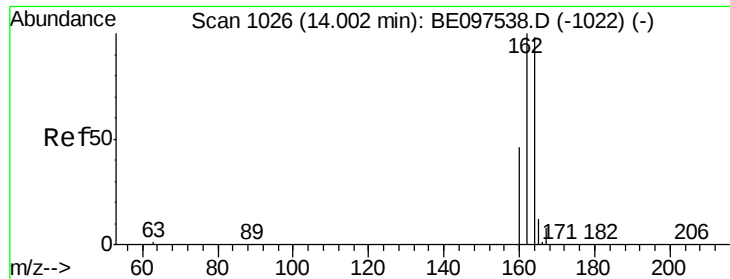
Tgt Ion:152 Resp: 2242
 Ion Ratio Lower Upper
 152 100
 151 18.1 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.426 ng
 RT: 11.80 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BE097590.D
 Acq: 21 Sep 2018 1:49

Tgt Ion:142 Resp: 2239
 Ion Ratio Lower Upper
 142 100
 141 86.4 70.4 105.6
 115 41.0 31.7 47.5

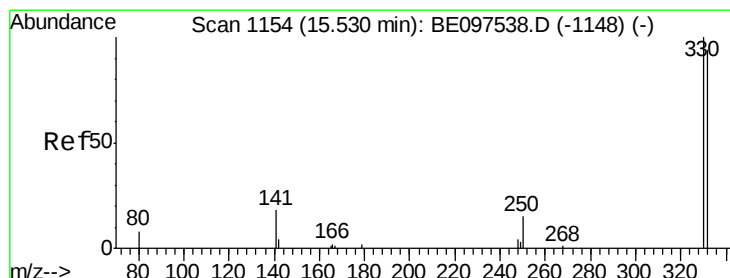
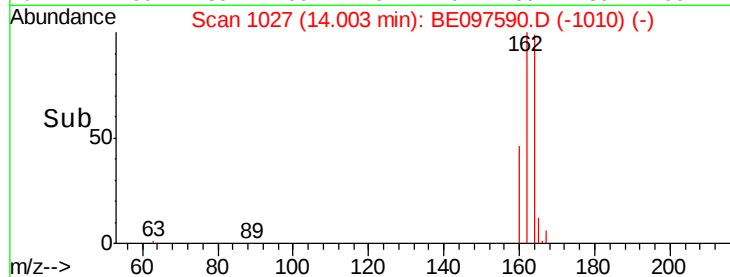
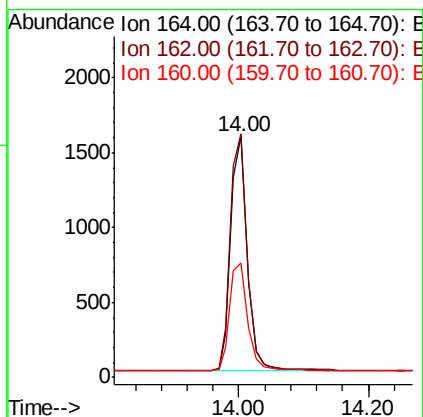
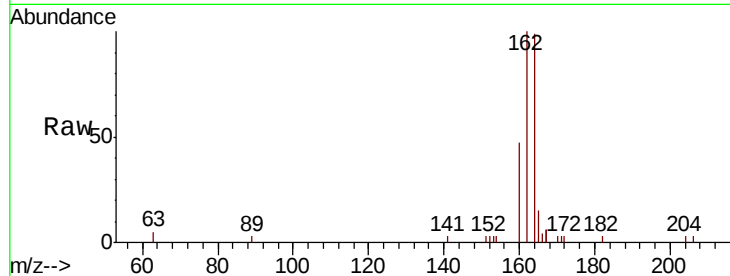




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.00 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE097590.D
 Acq: 21 Sep 2018 1:49

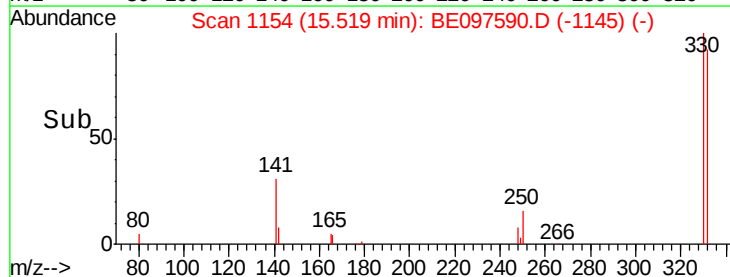
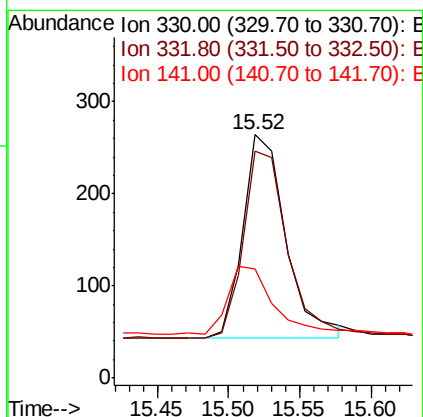
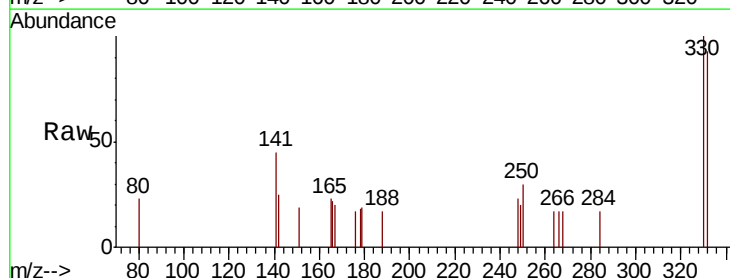
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

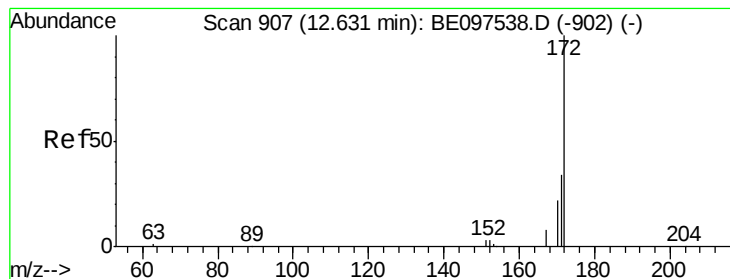
Tgt Ion:164 Resp: 2725
 Ion Ratio Lower Upper
 164 100
 162 101.1 83.1 124.7
 160 47.6 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.442 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BE097590.D
 Acq: 21 Sep 2018 1:49

Tgt Ion:330 Resp: 465
 Ion Ratio Lower Upper
 330 100
 332 94.2 152.7 229.1#
 141 36.8 33.7 50.5





#15

2-Fluorobiphenyl

Concen: 0.361 ng

RT: 12.62 min Scan# 907

Delta R.T. 0.00 min

Lab File: BE097590.D

Acq: 21 Sep 2018 1:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

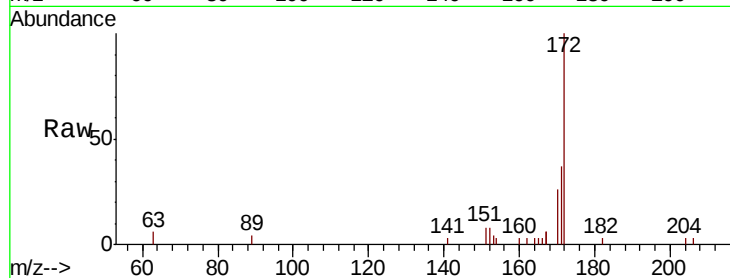
Tgt Ion:172 Resp: 3472

Ion Ratio Lower Upper

172 100

171 37.0 29.9 44.9

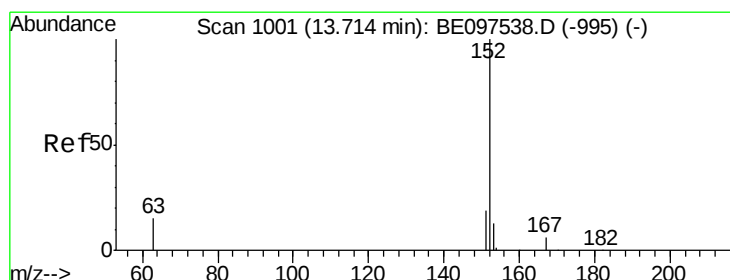
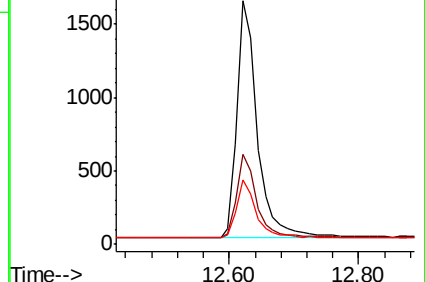
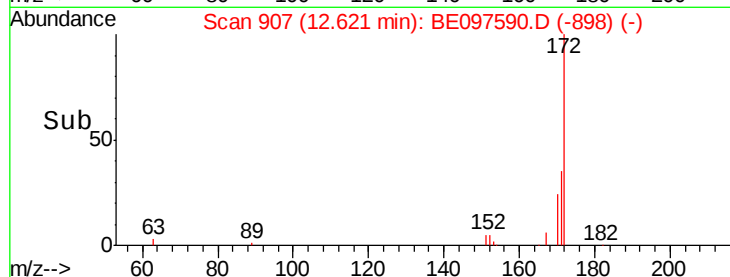
170 26.2 21.8 32.8



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: 0.394 ng

RT: 13.72 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE097590.D

Acq: 21 Sep 2018 1:49

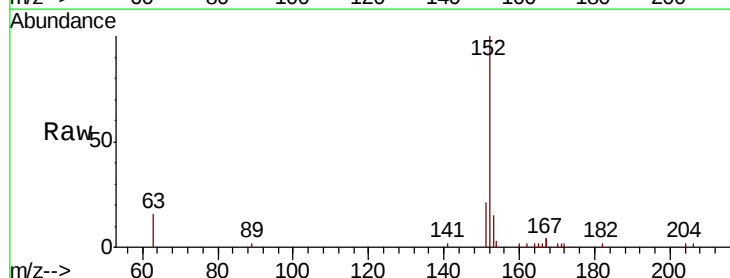
Tgt Ion:152 Resp: 4242

Ion Ratio Lower Upper

152 100

151 19.3 15.7 23.5

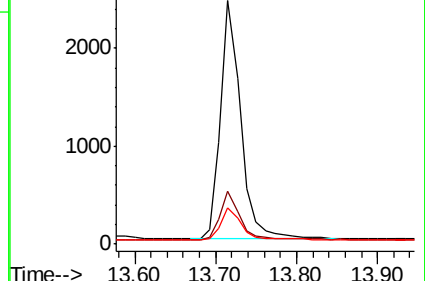
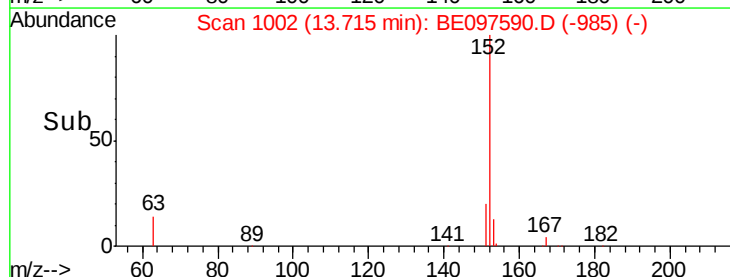
153 13.2 10.5 15.7

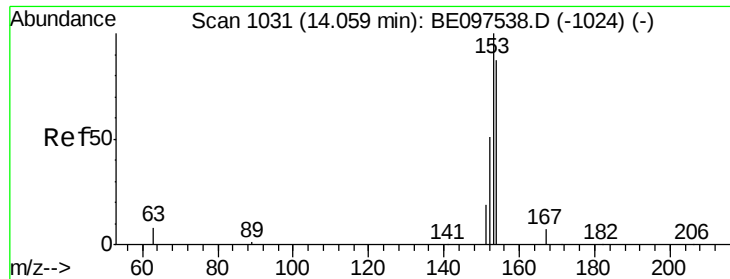


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.387 ng

RT: 14.06 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BE097590.D

Acq: 21 Sep 2018 1:49

Instrument :

BNA_E

ClientSampled :

SSTDCCC0.4

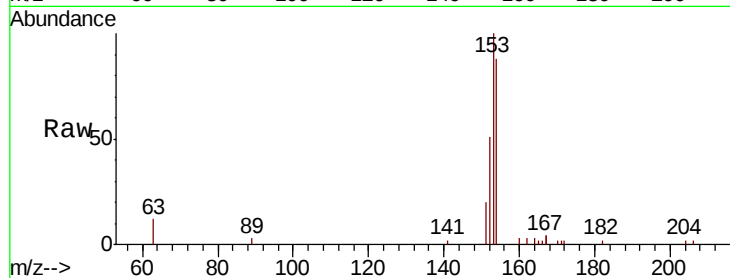
Tgt Ion:154 Resp: 2798

Ion Ratio Lower Upper

154 100

153 114.8 89.2 133.8

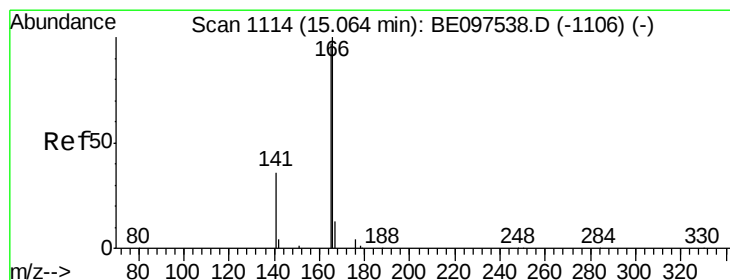
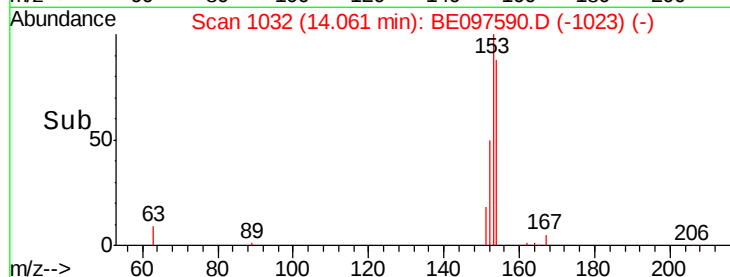
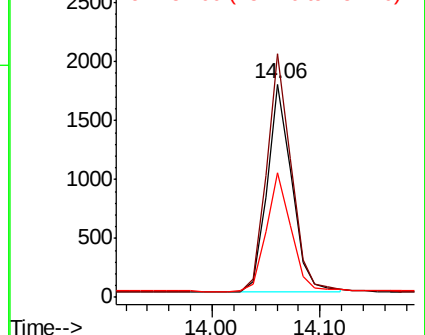
152 57.8 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.411 ng

RT: 15.06 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE097590.D

Acq: 21 Sep 2018 1:49

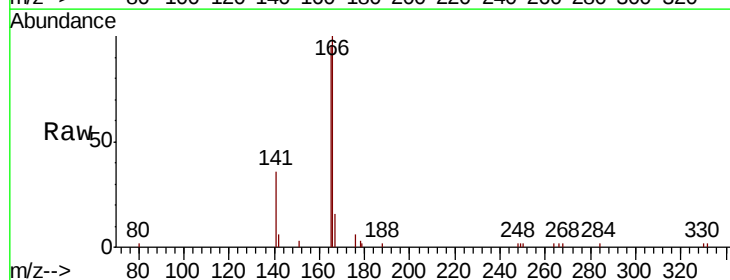
Tgt Ion:166 Resp: 3868

Ion Ratio Lower Upper

166 100

165 98.7 77.8 116.6

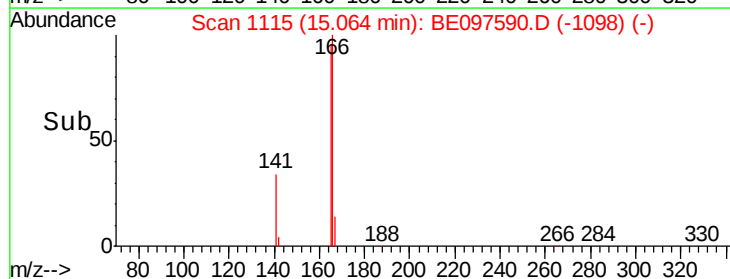
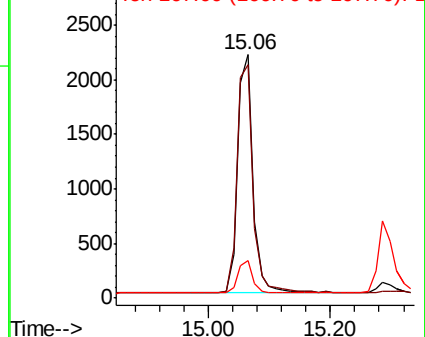
167 13.7 42.4 63.6#

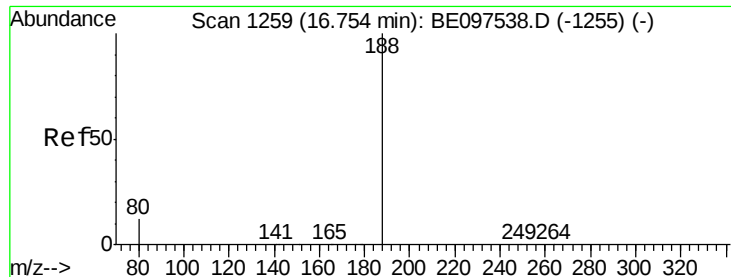


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.75 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BE097590.D

Acq: 21 Sep 2018 1:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

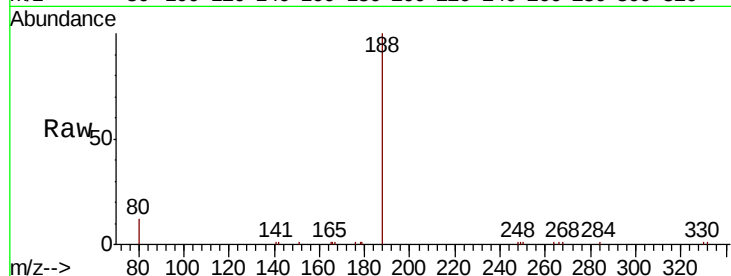
Tgt Ion:188 Resp: 8167

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

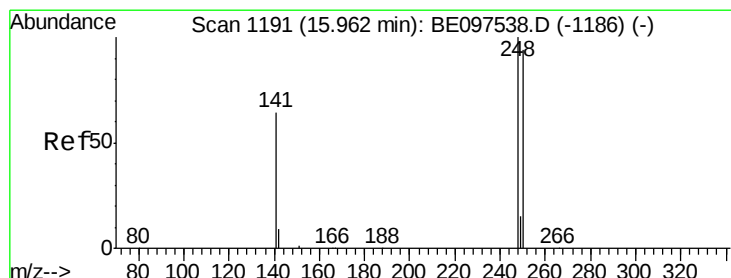
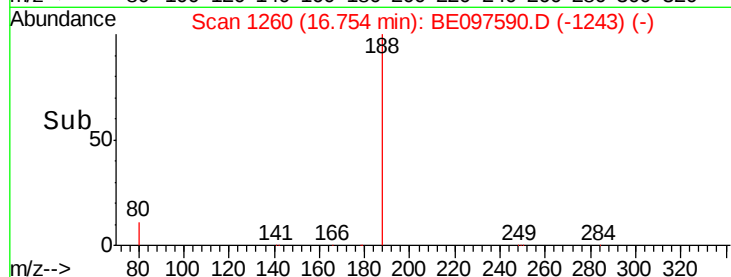
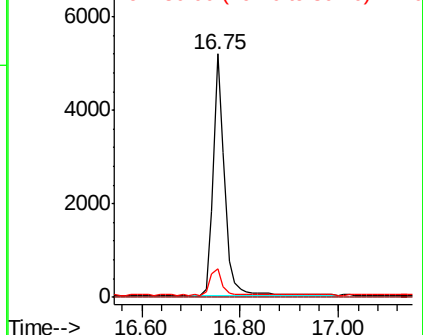
80 11.6 3.6 5.4#



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: 0.383 ng

RT: 15.96 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE097590.D

Acq: 21 Sep 2018 1:49

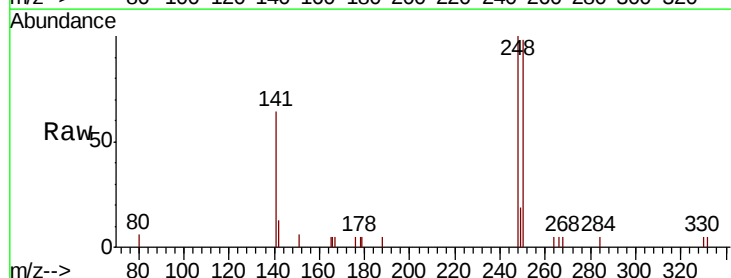
Tgt Ion:248 Resp: 1411

Ion Ratio Lower Upper

248 100

250 98.3 62.7 94.1#

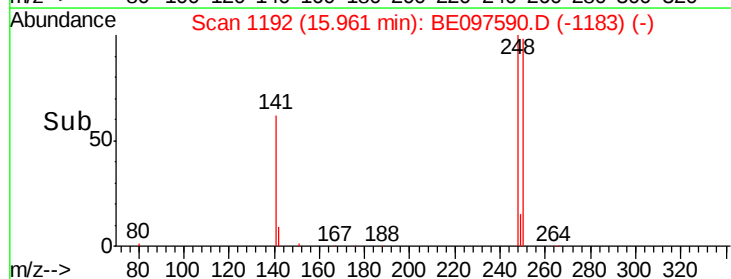
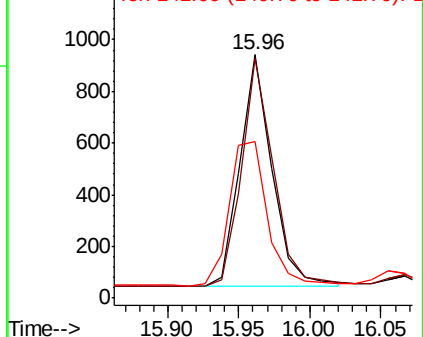
141 64.4 48.2 72.2

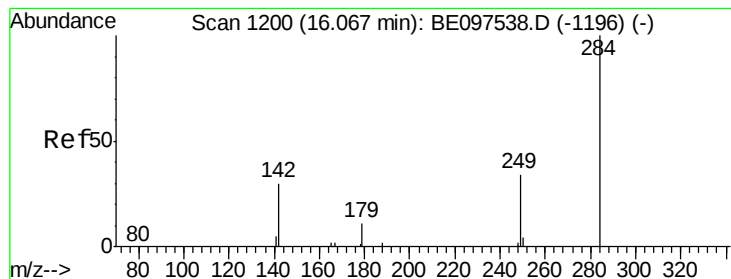


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.409 ng

RT: 16.07 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BE097590.D

Acq: 21 Sep 2018 1:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

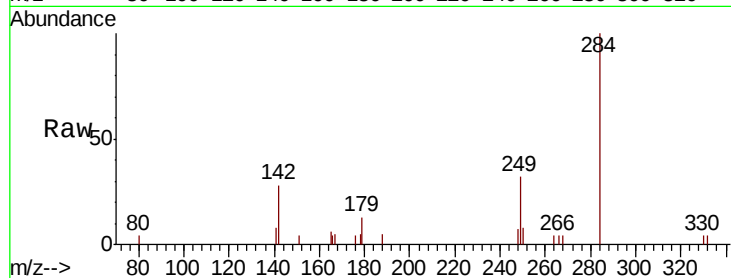
Tgt Ion: 284 Resp: 1655

Ion Ratio Lower Upper

284 100

142 31.4 22.1 33.1

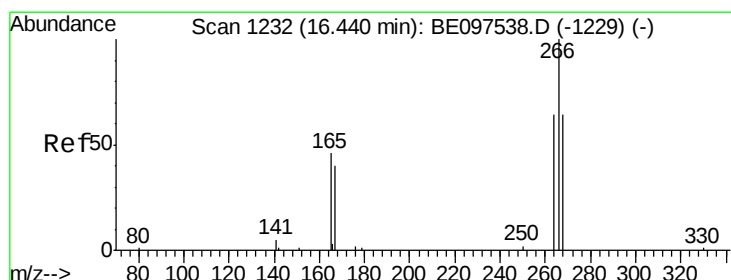
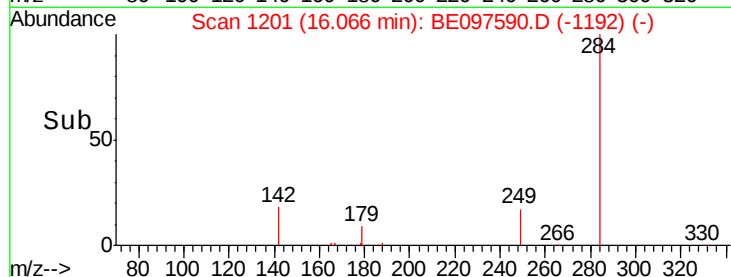
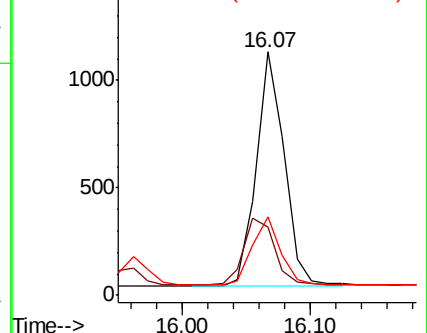
249 29.5 34.8 52.2#



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: 0.404 ng

RT: 16.44 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE097590.D

Acq: 21 Sep 2018 1:49

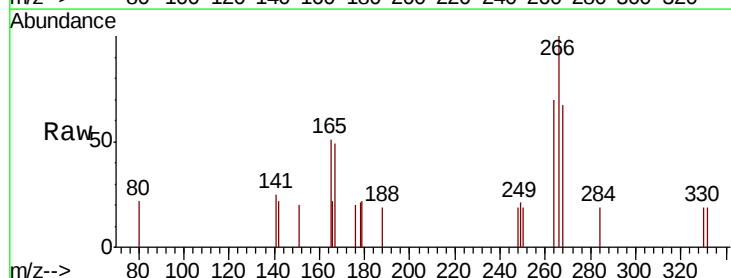
Tgt Ion: 266 Resp: 497

Ion Ratio Lower Upper

266 100

264 70.3 72.5 108.7#

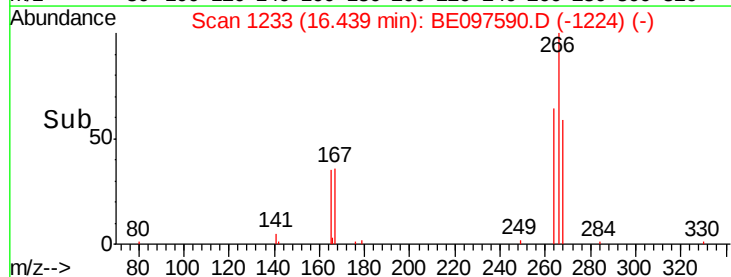
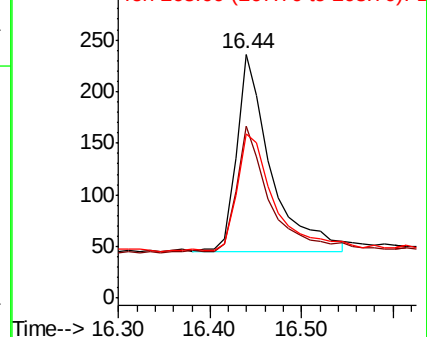
268 67.4 73.8 110.6#

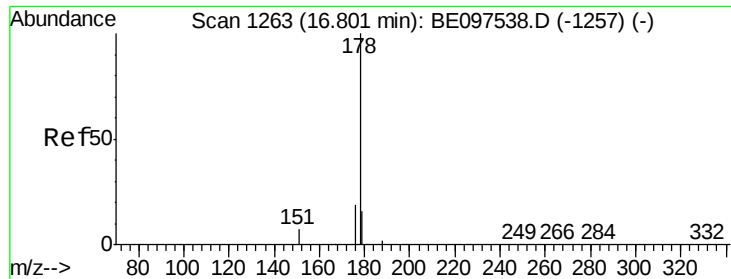


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.382 ng

RT: 16.80 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097590.D

Acq: 21 Sep 2018 1:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

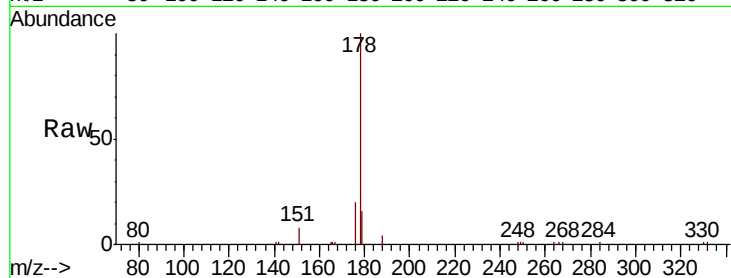
Tgt Ion:178 Resp: 7408

Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

179 15.8 11.8 17.6

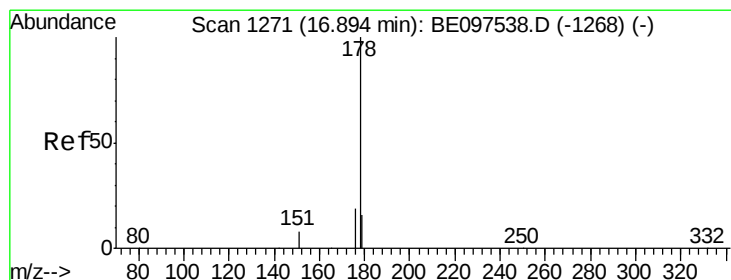
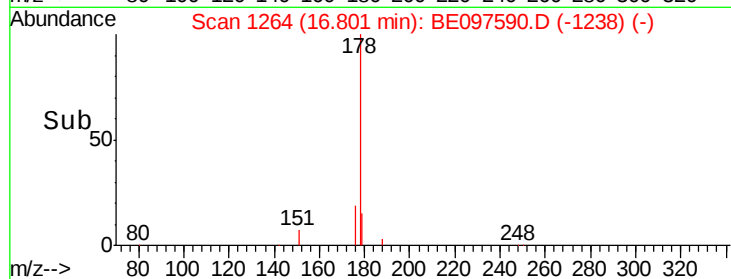
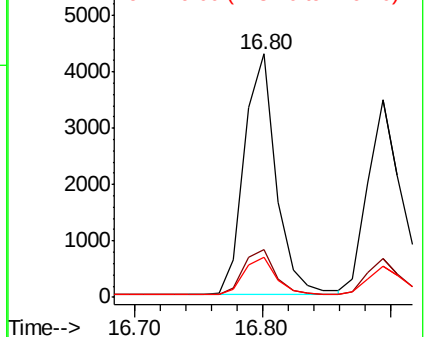


Abundance

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: 0.370 ng

RT: 16.89 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE097590.D

Acq: 21 Sep 2018 1:49

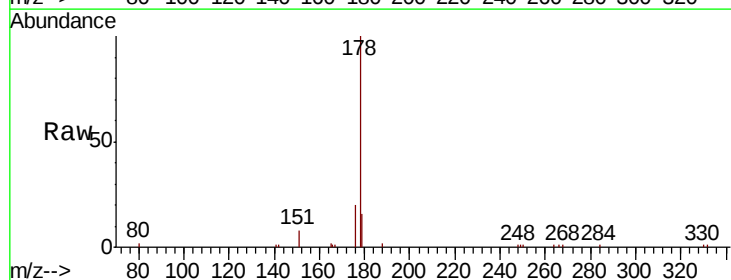
Tgt Ion:178 Resp: 6341

Ion Ratio Lower Upper

178 100

176 18.2 12.8 19.2

179 14.9 13.0 19.6

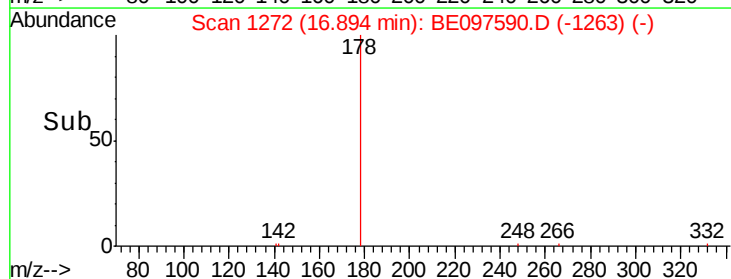
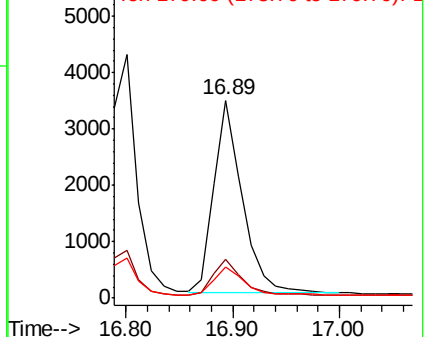


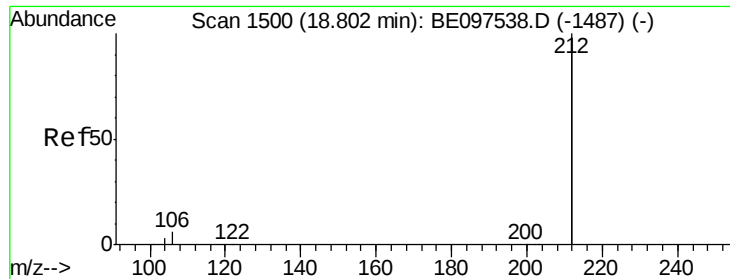
Abundance

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: 0.330 ng

RT: 18.80 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BE097590.D

Acq: 21 Sep 2018 1:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

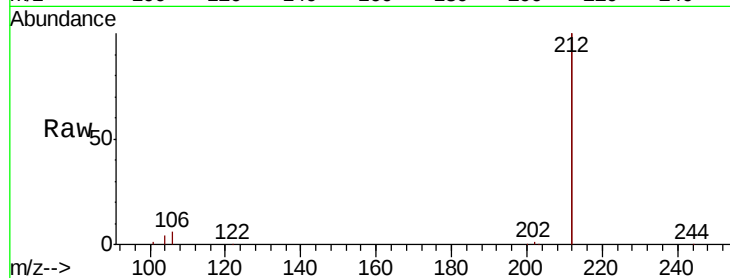
Tgt Ion:212 Resp: 34536

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

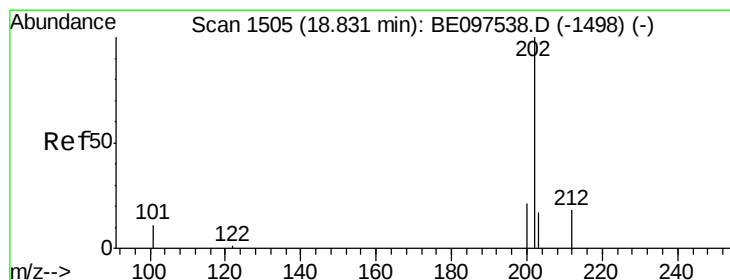
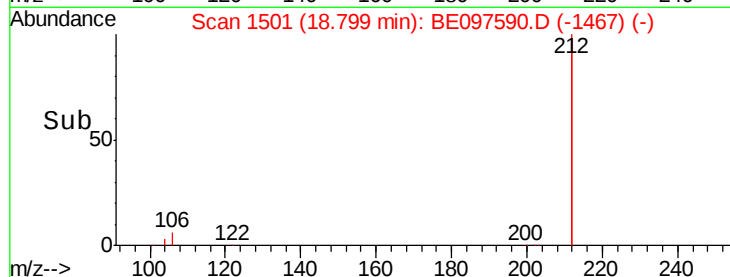
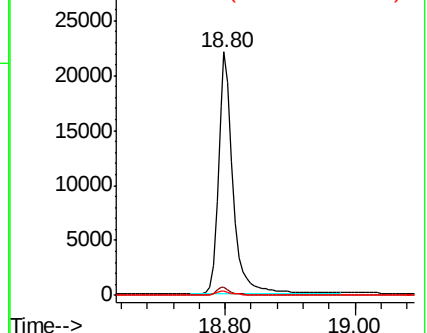
104 1.8 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.335 ng

RT: 18.83 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BE097590.D

Acq: 21 Sep 2018 1:49

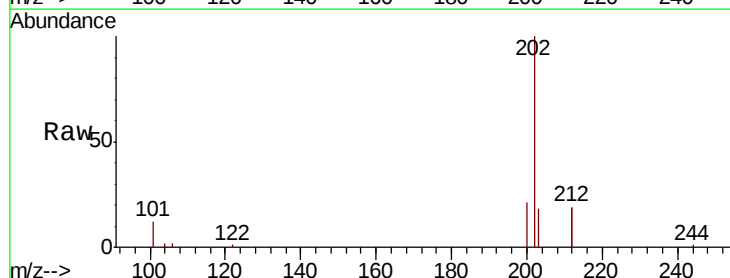
Tgt Ion:202 Resp: 9005

Ion Ratio Lower Upper

202 100

101 11.3 9.8 14.8

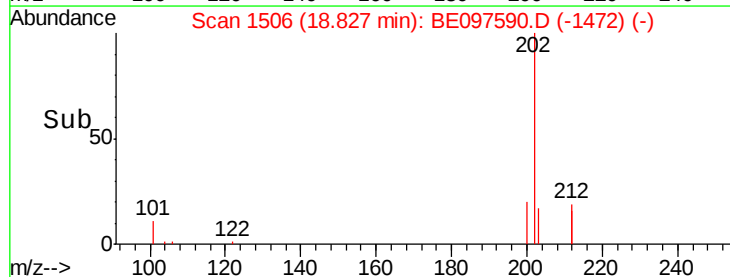
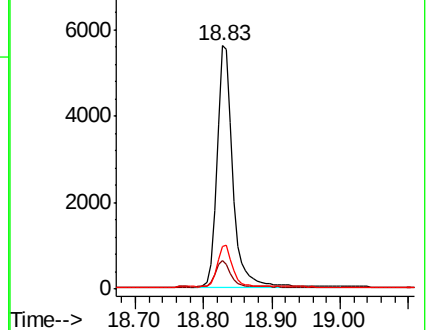
203 17.1 13.7 20.5

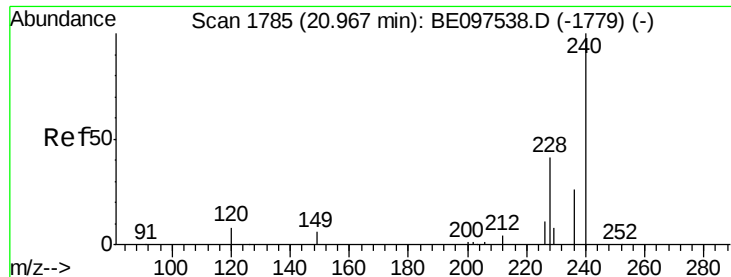


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

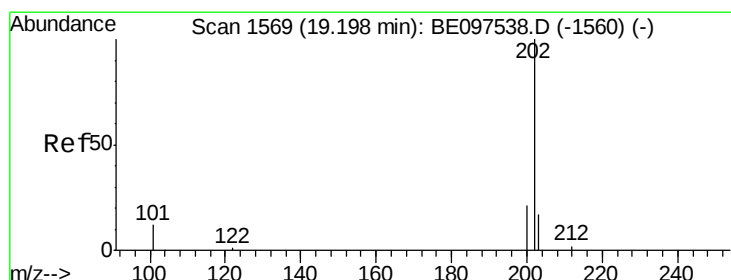
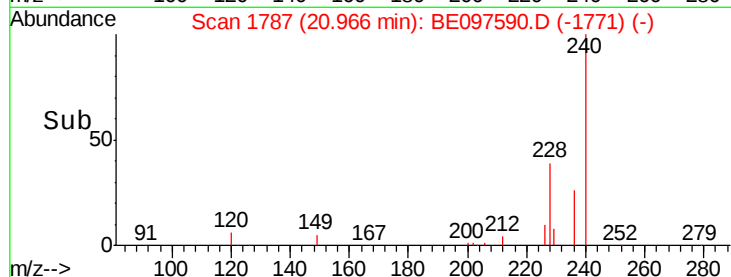
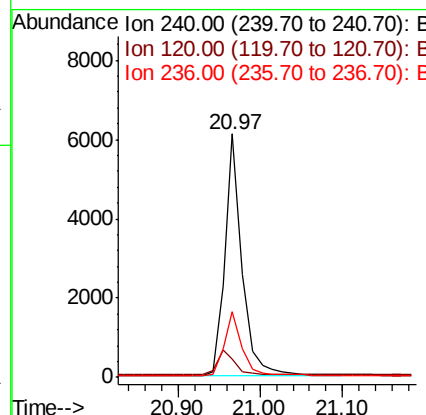
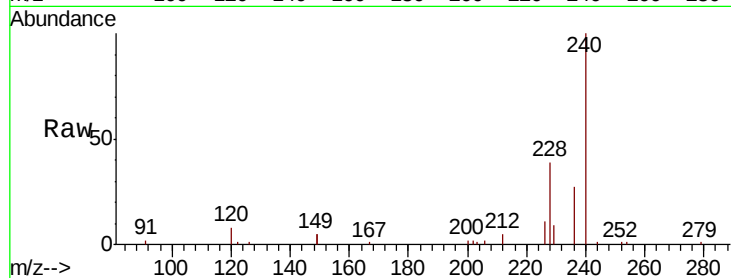




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BE097590.D
 Acq: 21 Sep 2018 1:49

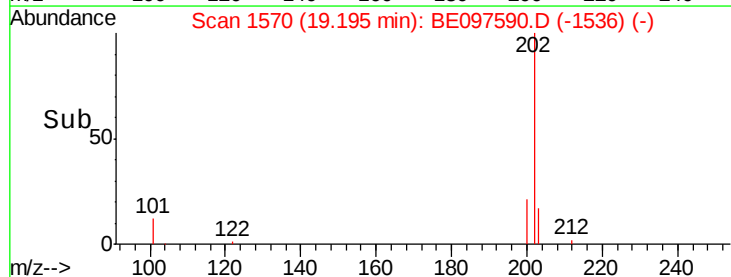
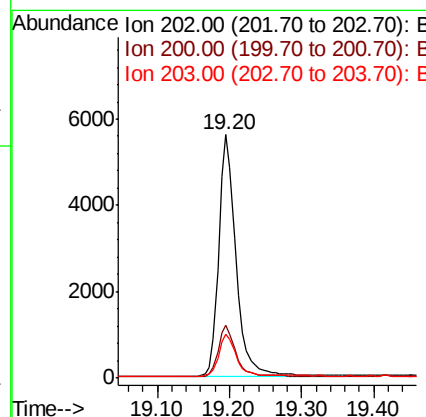
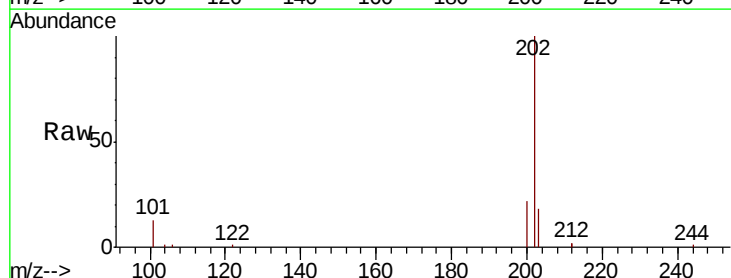
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

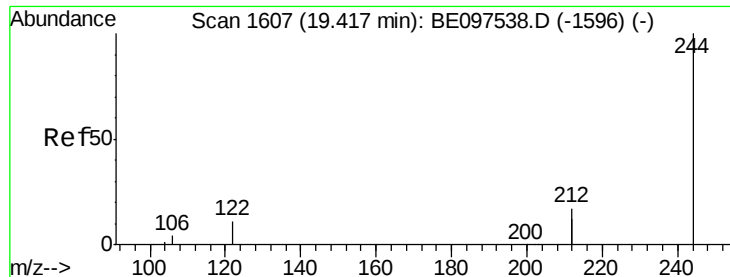
Tgt Ion:240 Resp: 8903
 Ion Ratio Lower Upper
 240 100
 120 7.5 5.5 8.3
 236 26.9 20.7 31.1



#28
 Pyrene
 Concen: 0.456 ng
 RT: 19.20 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BE097590.D
 Acq: 21 Sep 2018 1:49

Tgt Ion:202 Resp: 9234
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.6 25.0
 203 17.1 13.8 20.8





#29

Terphenyl-d14

Concen: 0.428 ng

RT: 19.41 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BE097590.D

Acq: 21 Sep 2018 1:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

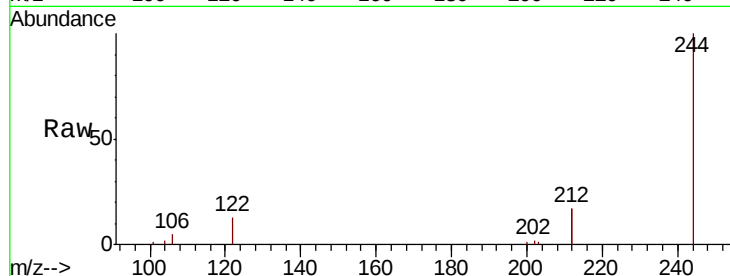
Tgt Ion:244 Resp: 6977

Ion Ratio Lower Upper

244 100

212 33.3 25.4 38.0

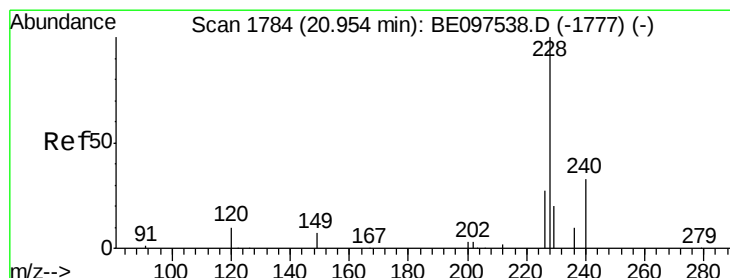
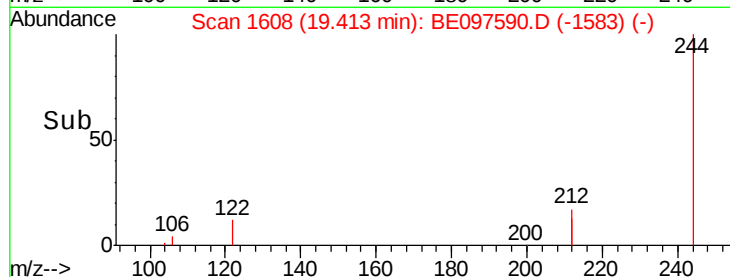
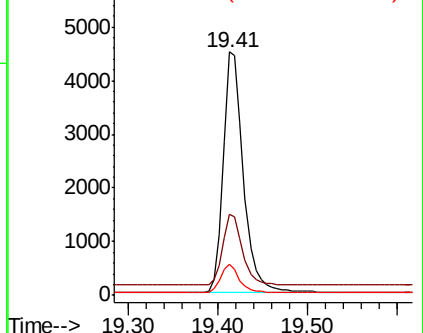
122 12.6 8.1 12.1#



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: 0.377 ng

RT: 20.95 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BE097590.D

Acq: 21 Sep 2018 1:49

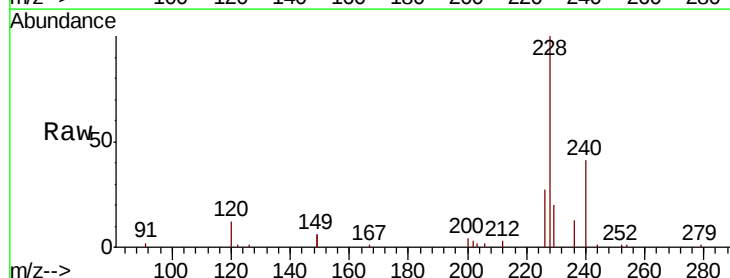
Tgt Ion:228 Resp: 8447

Ion Ratio Lower Upper

228 100

226 27.1 24.0 36.0

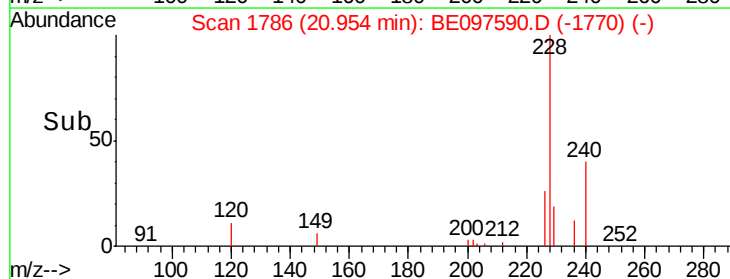
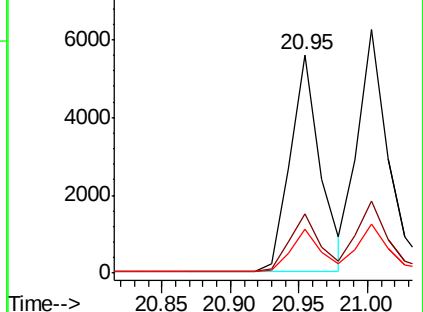
229 20.2 16.0 24.0

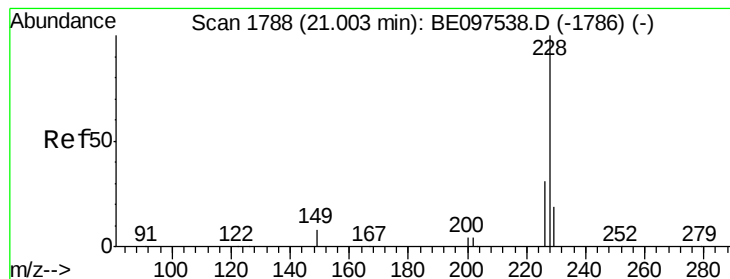


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.399 ng

RT: 21.00 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BE097590.D

Acq: 21 Sep 2018 1:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

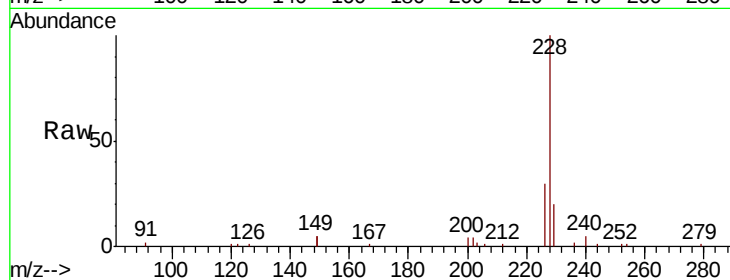
Tgt Ion: 228 Resp: 9605

Ion Ratio Lower Upper

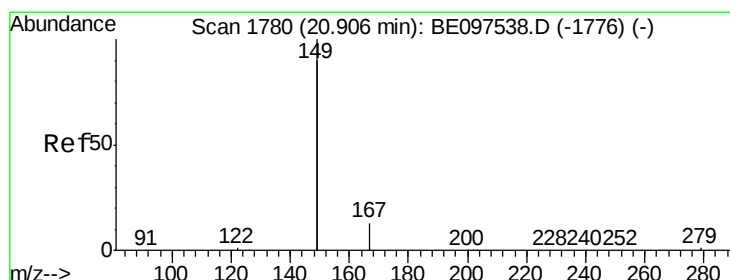
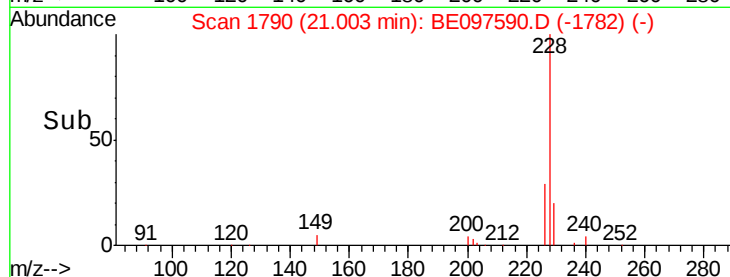
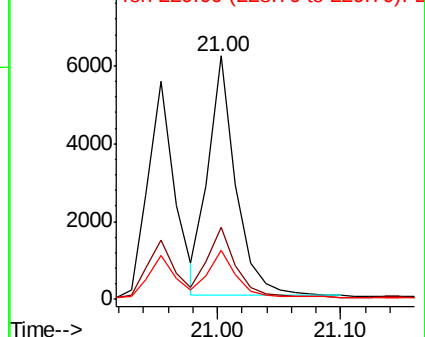
228 100

226 29.9 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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.329 ng

RT: 20.91 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BE097590.D

Acq: 21 Sep 2018 1:49

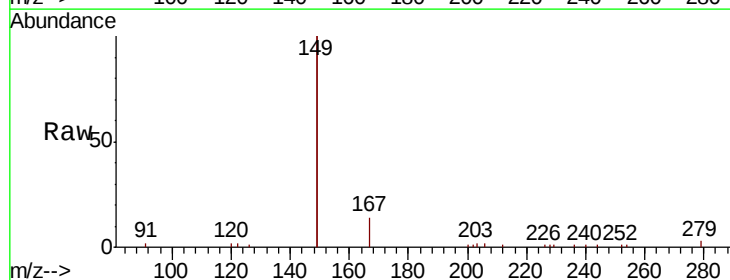
Tgt Ion: 149 Resp: 11983

Ion Ratio Lower Upper

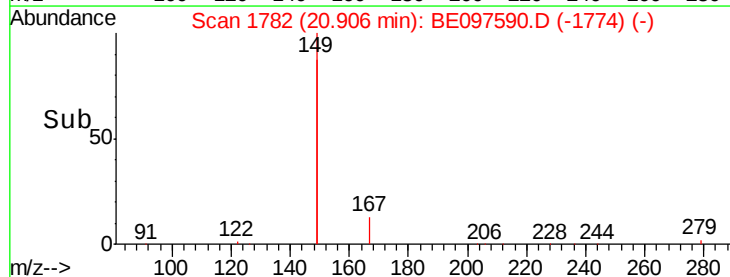
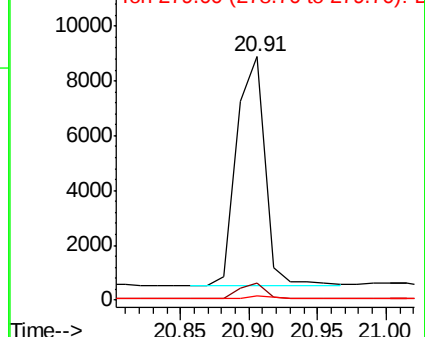
149 100

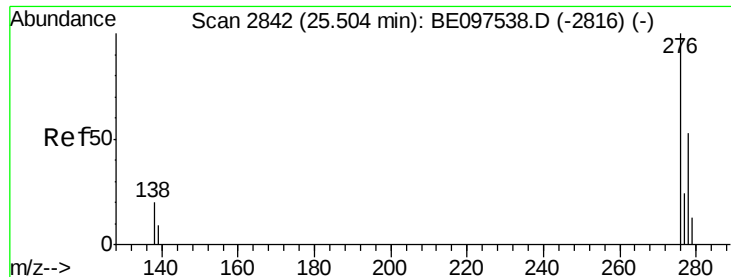
167 6.5 5.4 8.0

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: 0.394 ng

RT: 25.50 min Scan# 2842

Delta R.T. -0.00 min

Lab File: BE097590.D

Acq: 21 Sep 2018 1:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

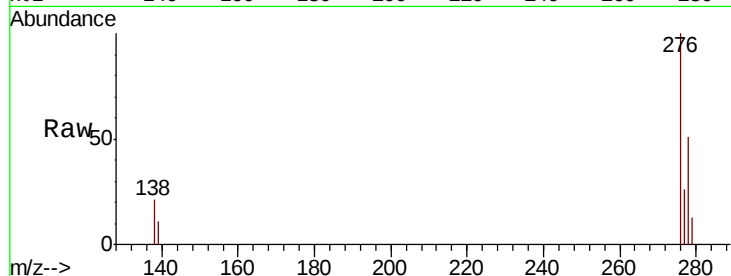
Tgt Ion: 276 Resp: 11421

Ion Ratio Lower Upper

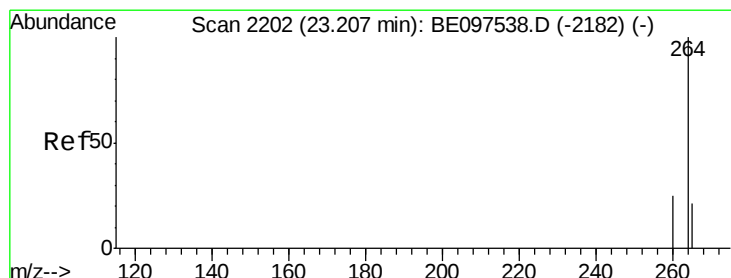
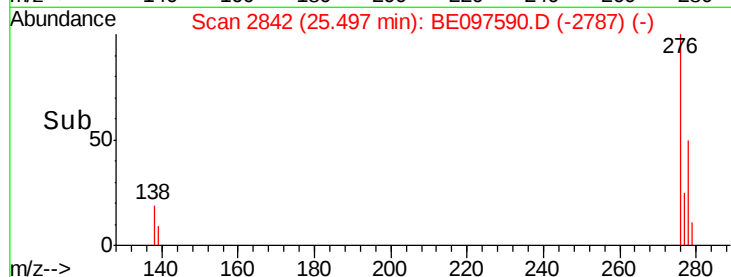
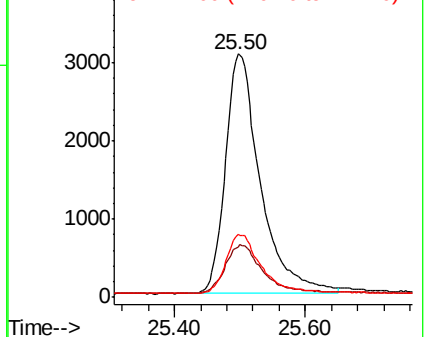
276 100

138 21.7 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# 2203

Delta R.T. -0.00 min

Lab File: BE097590.D

Acq: 21 Sep 2018 1:49

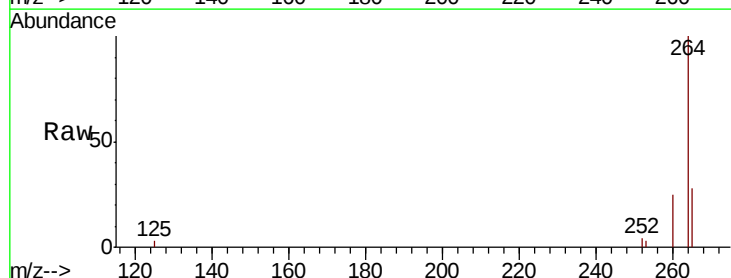
Tgt Ion: 264 Resp: 9002

Ion Ratio Lower Upper

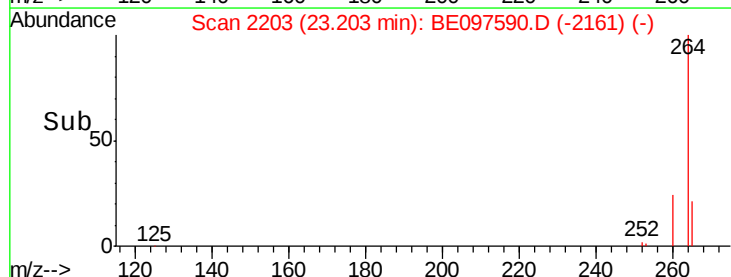
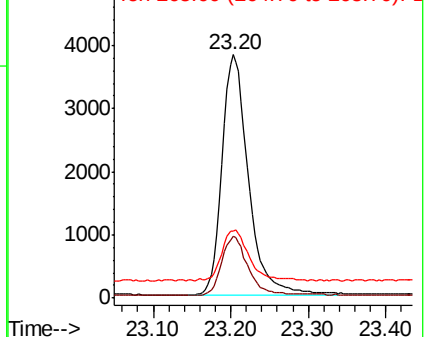
264 100

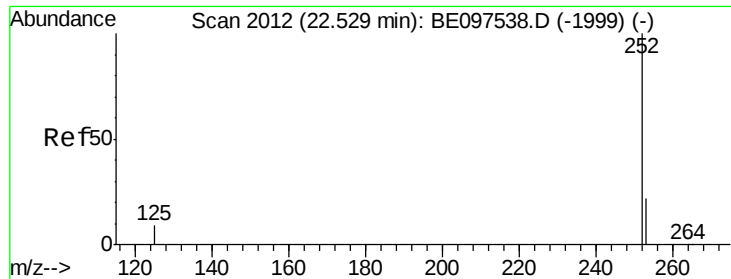
260 25.4 20.5 30.7

265 27.7 22.8 34.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.373 ng

RT: 22.53 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BE097590.D

Acq: 21 Sep 2018 1:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

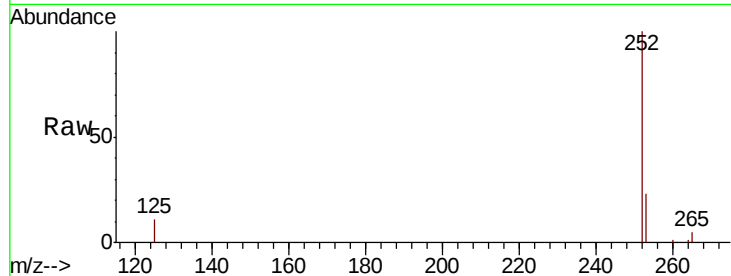
Tgt Ion:252 Resp: 8614

Ion Ratio Lower Upper

252 100

253 23.5 20.0 30.0

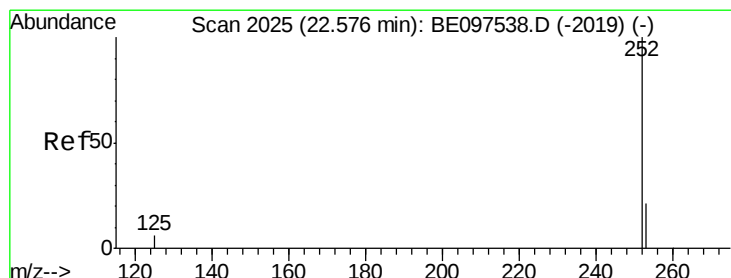
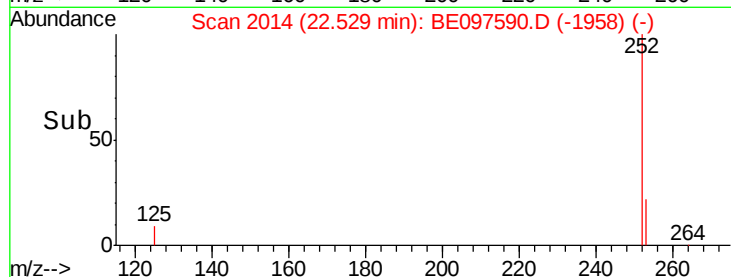
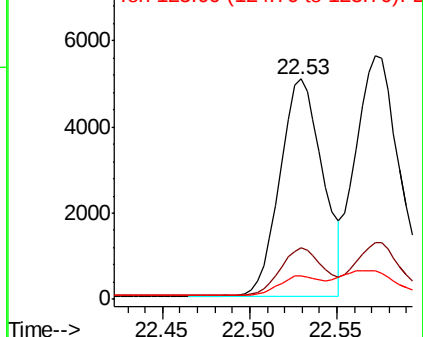
125 10.6 16.0 24.0#



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: 0.391 ng

RT: 22.57 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BE097590.D

Acq: 21 Sep 2018 1:49

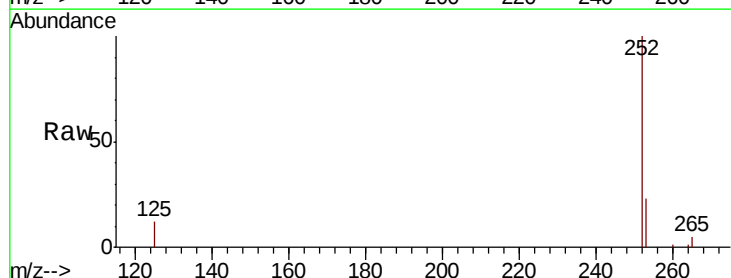
Tgt Ion:252 Resp: 10296

Ion Ratio Lower Upper

252 100

253 23.3 16.0 24.0

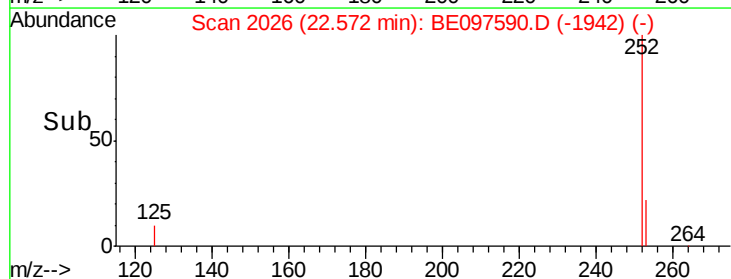
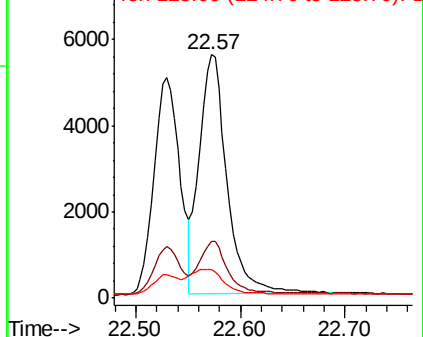
125 11.6 8.0 12.0

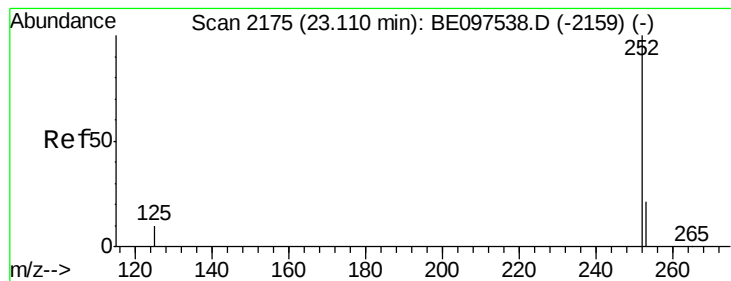


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.389 ng

RT: 23.11 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BE097590.D

Acq: 21 Sep 2018 1:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

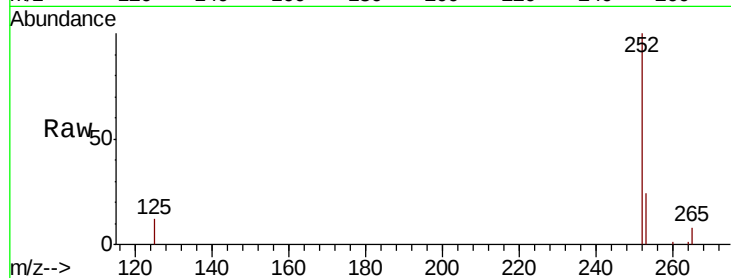
Tgt Ion:252 Resp: 8678

Ion Ratio Lower Upper

252 100

253 24.3 16.0 24.0#

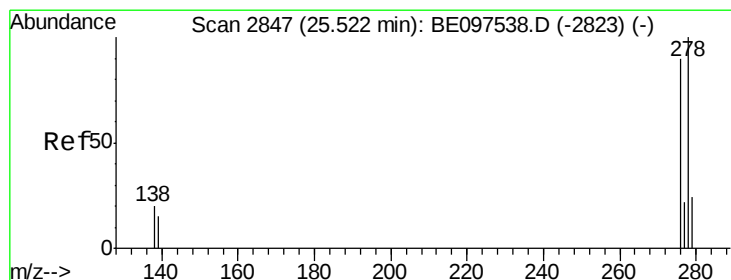
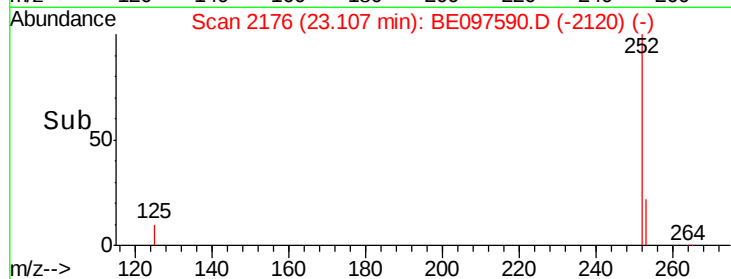
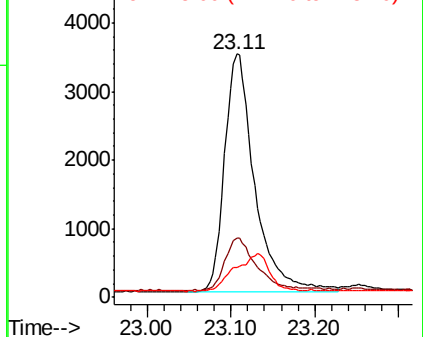
125 12.1 12.0 18.0



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: 0.394 ng

RT: 25.52 min Scan# 2848

Delta R.T. 0.00 min

Lab File: BE097590.D

Acq: 21 Sep 2018 1:49

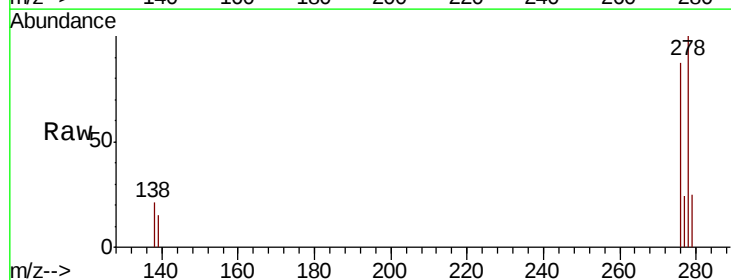
Tgt Ion:278 Resp: 9533

Ion Ratio Lower Upper

278 100

139 15.3 16.0 24.0#

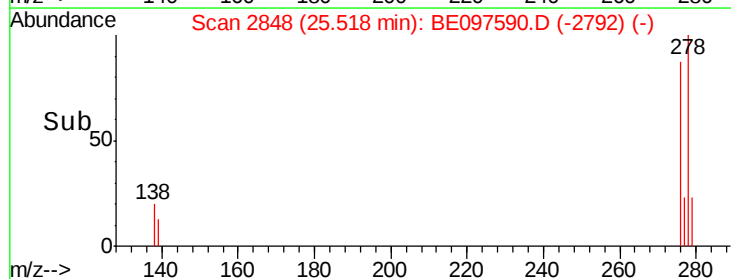
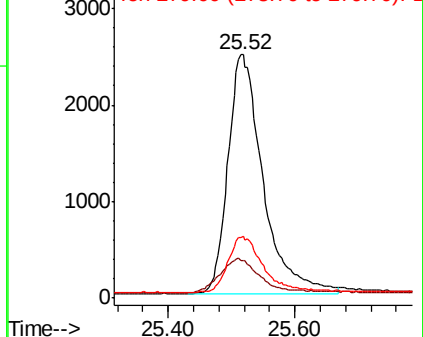
279 25.5 20.0 30.0

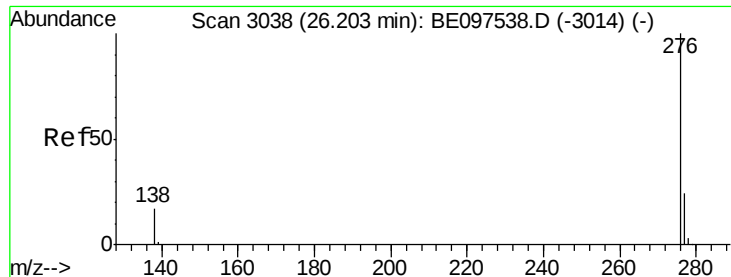


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.391 ng

RT: 26.20 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BE097590.D

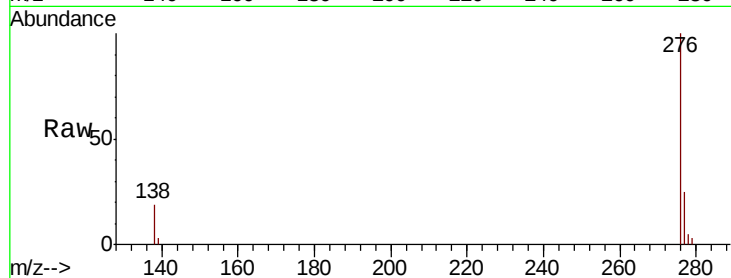
Acq: 21 Sep 2018 1:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 9189

Ion Ratio Lower Upper

276 100

277 25.1 16.0 24.0#

138 19.3 20.0 30.0#

