

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100818\
 Data File : BE097810.D
 Acq On : 9 Oct 2018 1:30
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Oct 09 07:00:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 06:37:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	3932	0.40	ng	-0.01
7) Naphthalene-d8	10.68	136	16652	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	9813	0.40	ng	-0.02
19) Phenanthrene-d10	17.29	188	27200	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	32811	0.40	ng	-0.01
34) Perylene-d12	24.02	264	30075	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	3210	0.35	ng	-0.01
5) Phenol-d6	7.04	99	4810	0.34	ng	0.00
8) Nitrobenzene-d5	9.03	82	3560	0.66	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	10335	0.39	ng	-0.02
14) 2,4,6-Tribromophenol	16.03	330	816	0.46	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	15719	0.36	ng	-0.02
25) Fluoranthene-d10	19.32	212	126326	0.37	ng	-0.01
29) Terphenyl-d14	19.92	244	26992	0.40	ng	-0.01

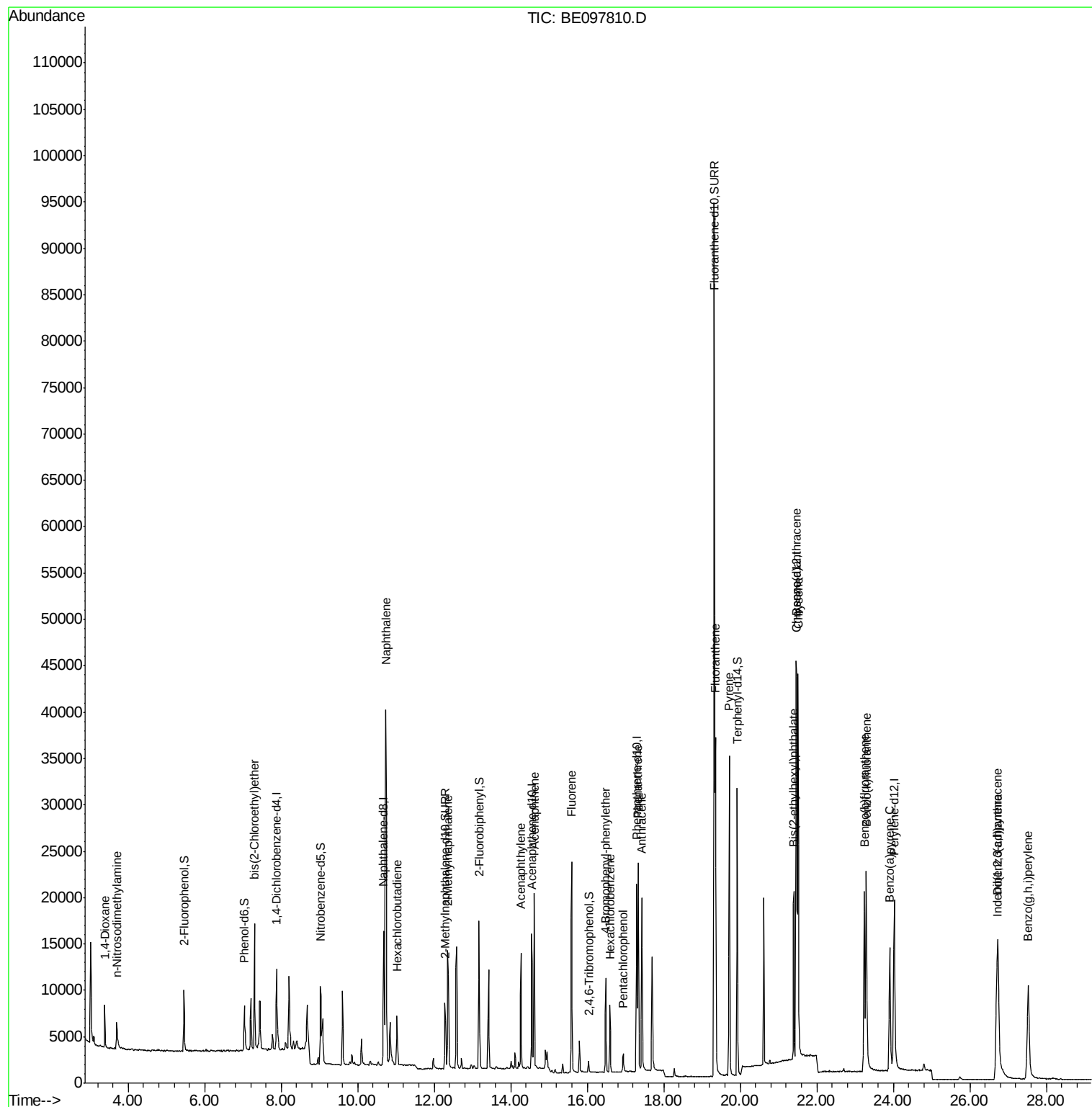
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.39	88	2909	0.371	ng	95
3) n-Nitrosodimethylamine	3.70	42	2420	0.340	ng	# 88
6) bis(2-Chloroethyl)ether	7.31	93	5480	0.371	ng	99
9) Naphthalene	10.73	128	63738	0.380	ng	100
10) Hexachlorobutadiene	11.03	225	3506	0.394	ng	95
12) 2-Methylnaphthalene	12.35	142	10122	0.377	ng	95
16) Acenaphthylene	14.27	152	15205	0.350	ng	99
17) Acenaphthene	14.62	154	10384	0.373	ng	99
18) Fluorene	15.59	166	13684	0.370	ng	99
20) 4-Bromophenyl-phenylether	16.49	248	5354	0.375	ng	97
21) Hexachlorobenzene	16.59	284	5712	0.356	ng	99
22) Pentachlorophenol	16.94	266	1213	0.482	ng	90
23) Phenanthrene	17.33	178	25929	0.370	ng	99
24) Anthracene	17.42	178	20945	0.346	ng	98
26) Fluoranthene	19.35	202	32294	0.362	ng	100
28) Pyrene	19.71	202	33588	0.403	ng	99
30) Benzo(a)anthracene	21.46	228	31617	0.358	ng	99
31) Chrysene	21.51	228	37647	0.382	ng	99
32) Bis(2-ethylhexyl)phthalate	21.40	149	25658	0.398	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.70	276	30018	0.350	ng	# 90
35) Benzo(b)fluoranthene	23.24	252	28872	0.350	ng	98
36) Benzo(k)fluoranthene	23.29	252	35070	0.383	ng	99
37) Benzo(a)pyrene	23.91	252	25022	0.335	ng	99
38) Dibenzo(a,h)anthracene	26.74	278	24162	0.328	ng	95
39) Benzo(g,h,i)perylene	27.53	276	27749	0.360	ng	98

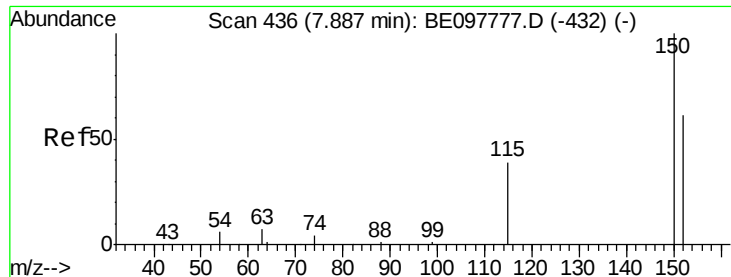
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 436

Delta R.T. -0.01 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

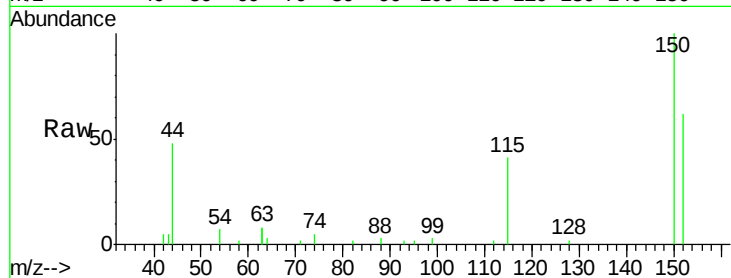
Tgt Ion: 152 Resp: 3932

Ion Ratio Lower Upper

152 100

150 160.0 120.9 181.3

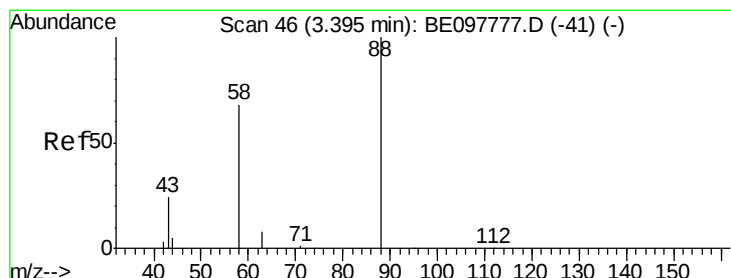
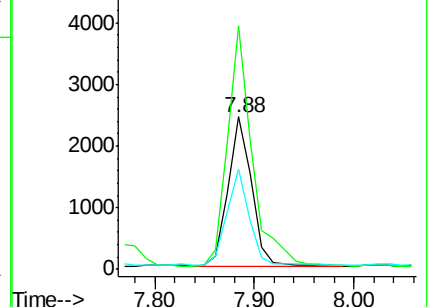
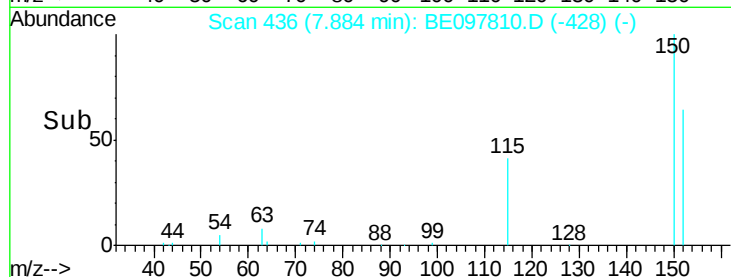
115 66.3 46.6 69.8



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: 0.371 ng

RT: 3.39 min Scan# 46

Delta R.T. -0.00 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

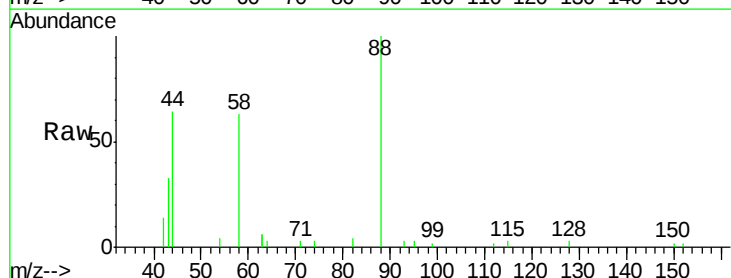
Tgt Ion: 88 Resp: 2909

Ion Ratio Lower Upper

88 100

58 85.8 70.8 106.2

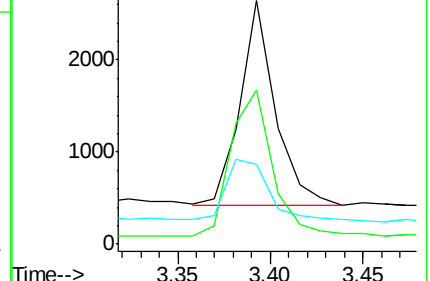
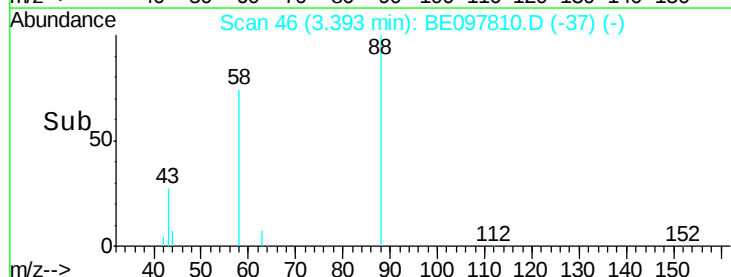
43 36.0 33.3 49.9

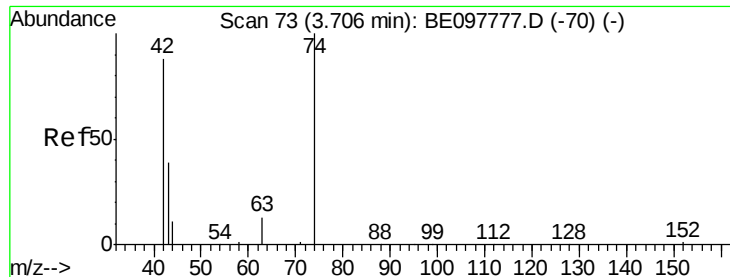


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.340 ng

RT: 3.70 min Scan# 73

Delta R.T. -0.00 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

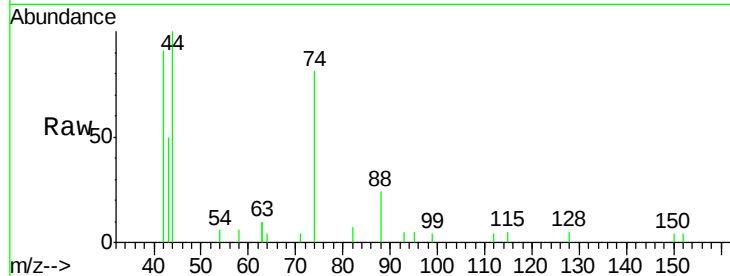
Tgt Ion: 42 Resp: 2420

Ion Ratio Lower Upper

42 100

74 93.8 70.7 106.1

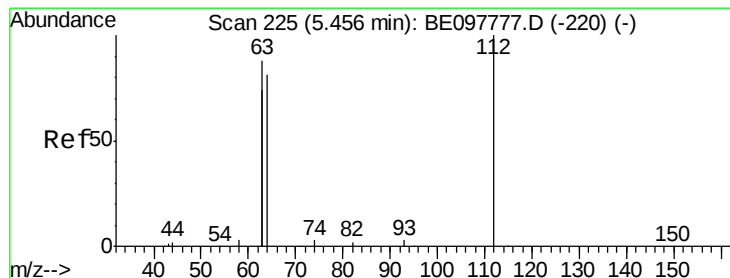
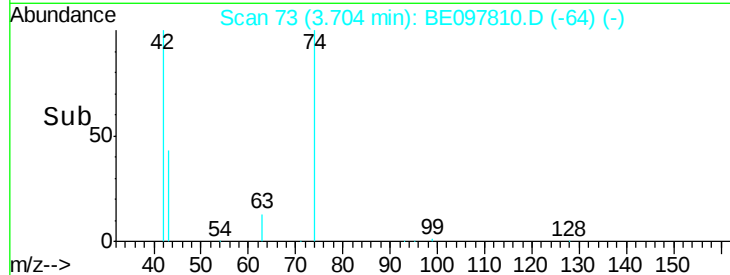
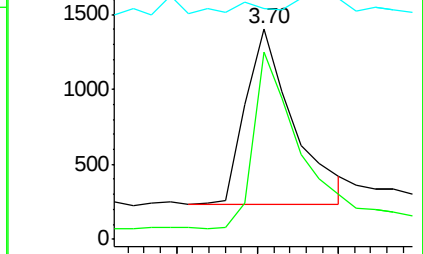
44 0.0 15.0 22.4#



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: 0.345 ng

RT: 5.45 min Scan# 225

Delta R.T. -0.01 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

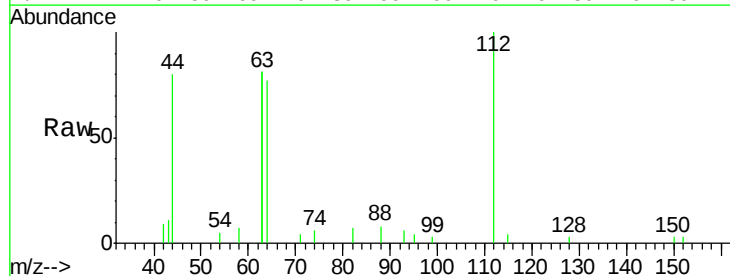
Tgt Ion: 112 Resp: 3210

Ion Ratio Lower Upper

112 100

64 75.8 56.6 84.8

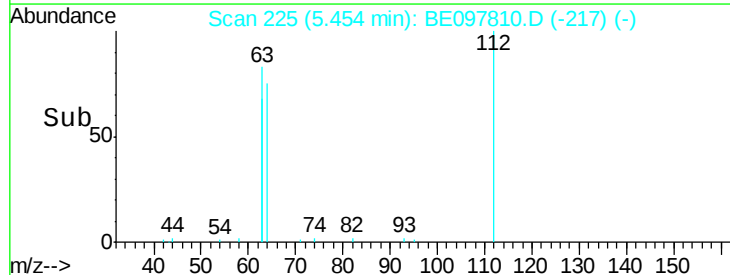
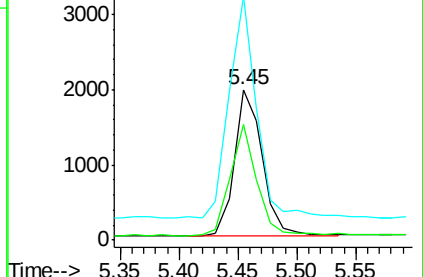
63 151.6 119.4 179.0

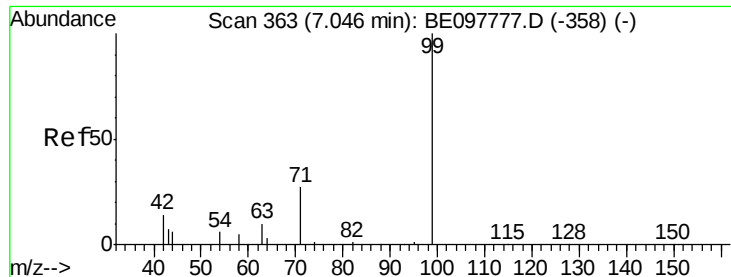


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.337 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

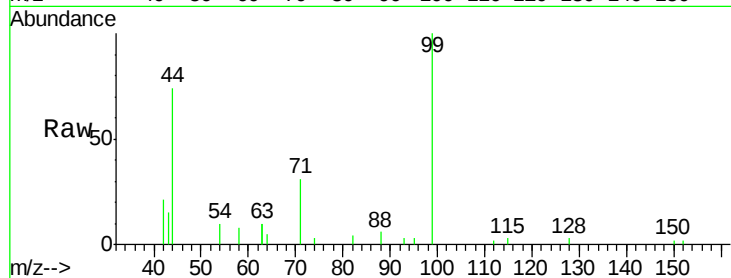
Tgt Ion: 99 Resp: 4810

Ion Ratio Lower Upper

99 100

42 29.7 19.9 29.9

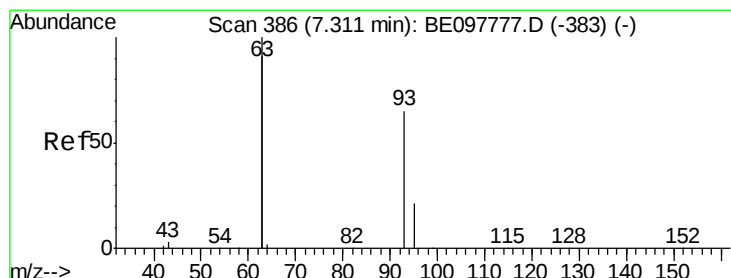
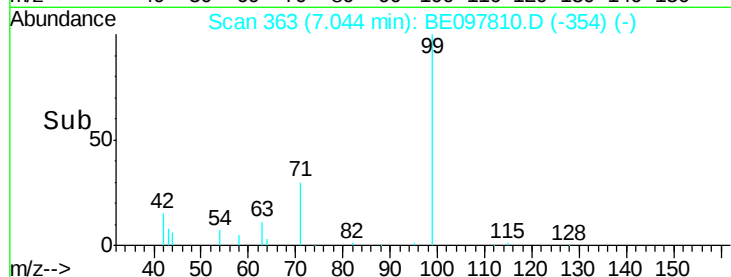
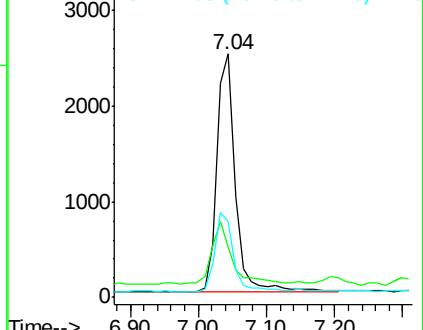
71 34.1 25.4 38.2



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: 0.371 ng

RT: 7.31 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

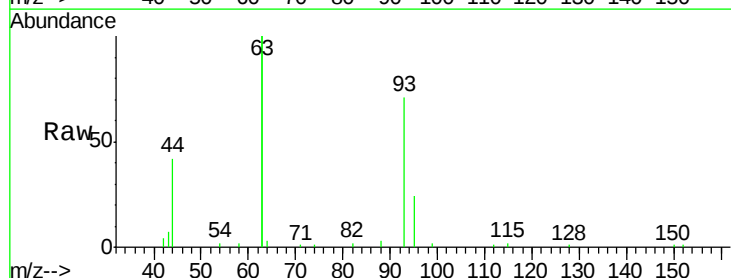
Tgt Ion: 93 Resp: 5480

Ion Ratio Lower Upper

93 100

63 330.8 266.9 400.3

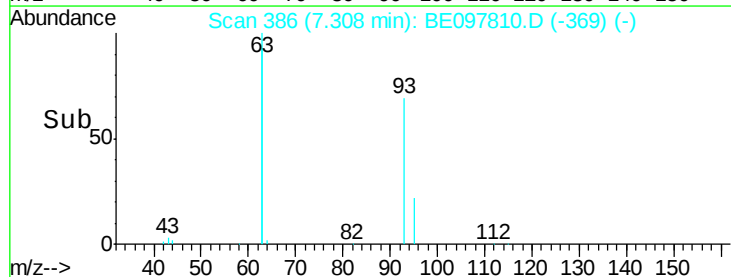
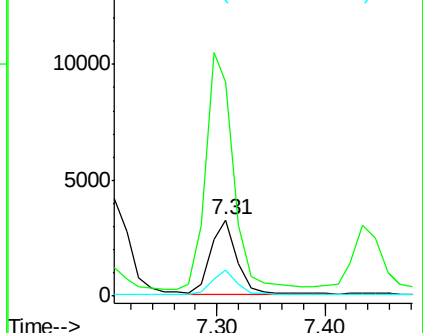
95 32.4 26.2 39.2

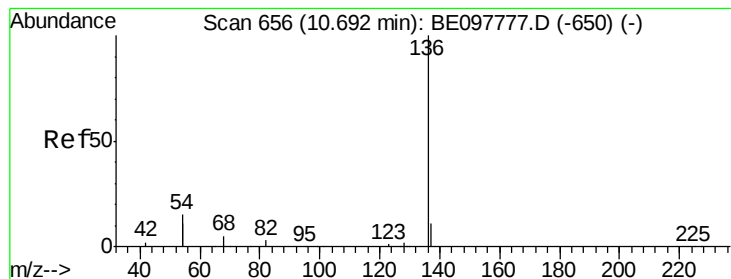


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.68 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 16652

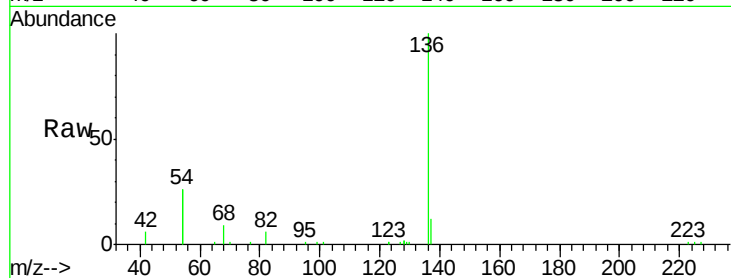
Ion Ratio Lower Upper

136 100

137 11.9 9.0 13.4

54 51.9 37.8 56.6

68 8.9 6.4 9.6

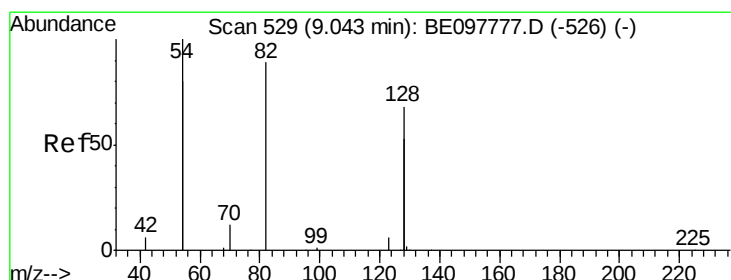
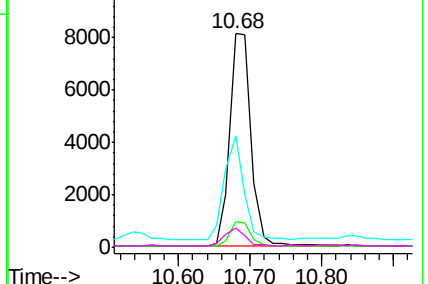
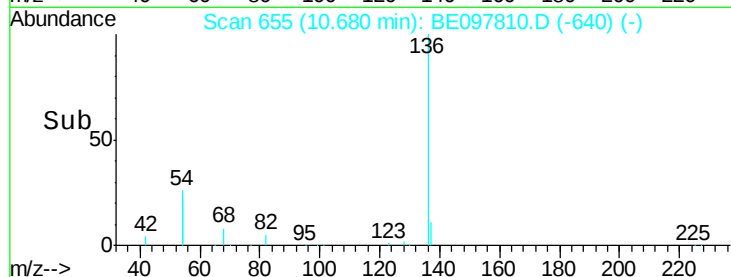


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.658 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

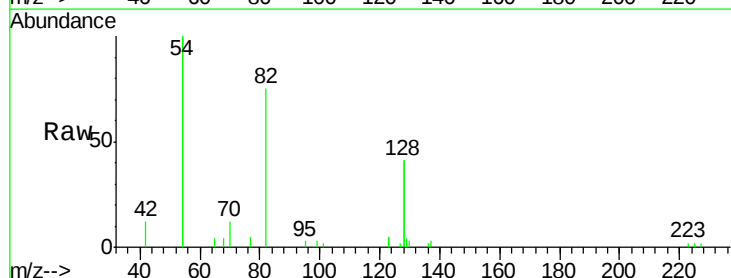
Tgt Ion: 82 Resp: 3560

Ion Ratio Lower Upper

82 100

128 110.0 97.0 145.4

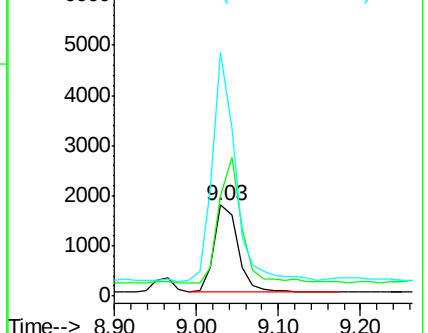
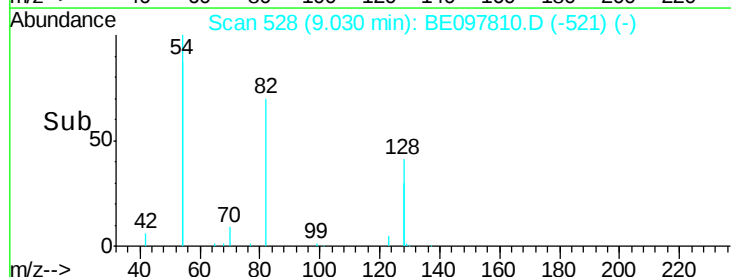
54 268.1 206.9 310.3

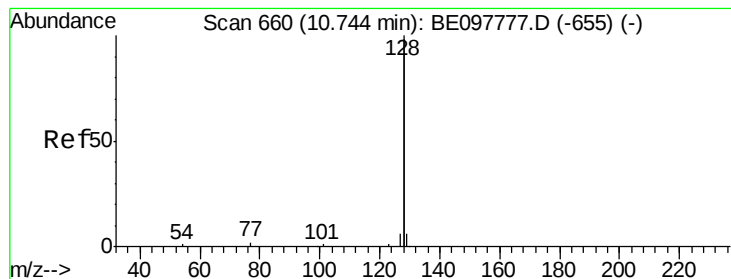


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.380 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.01 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

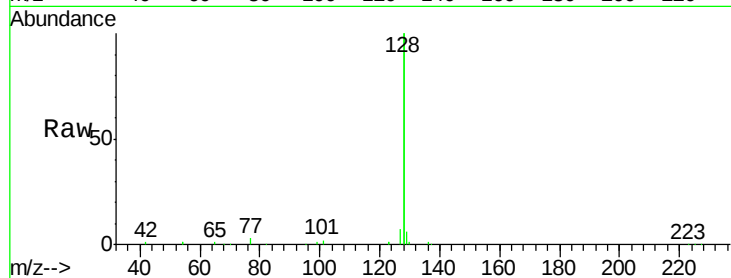
Tgt Ion:128 Resp: 63738

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.2

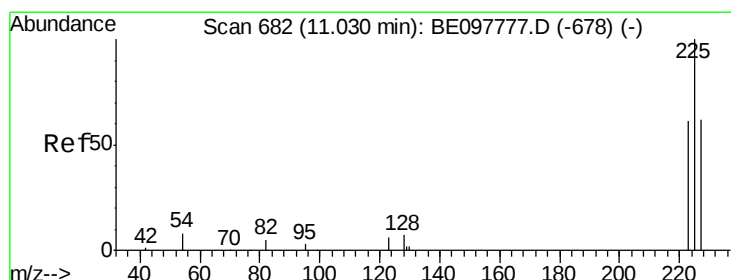
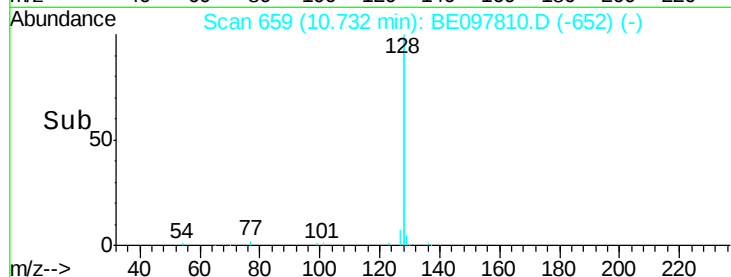
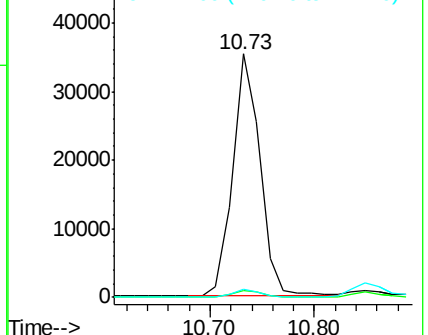
127 3.5 2.7 4.1



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: 0.394 ng

RT: 11.03 min Scan# 682

Delta R.T. -0.01 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

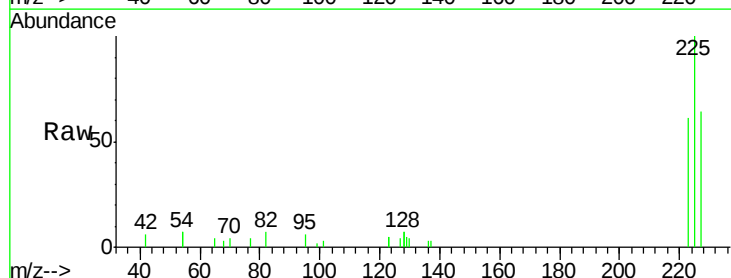
Tgt Ion:225 Resp: 3506

Ion Ratio Lower Upper

225 100

223 59.7 52.2 78.4

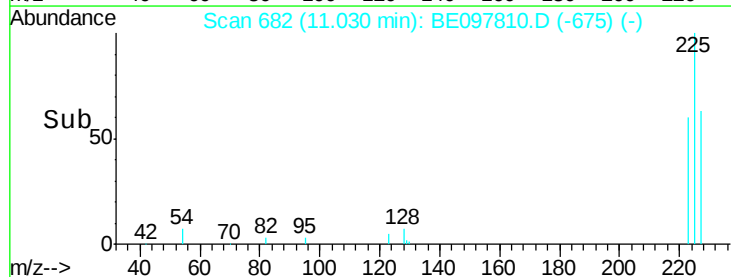
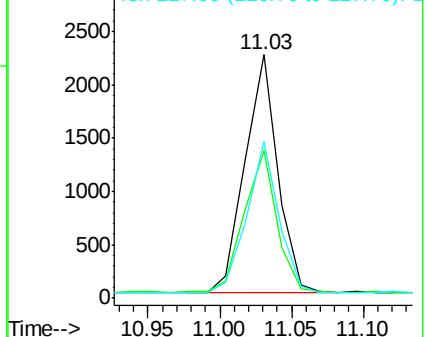
227 62.3 51.2 76.8

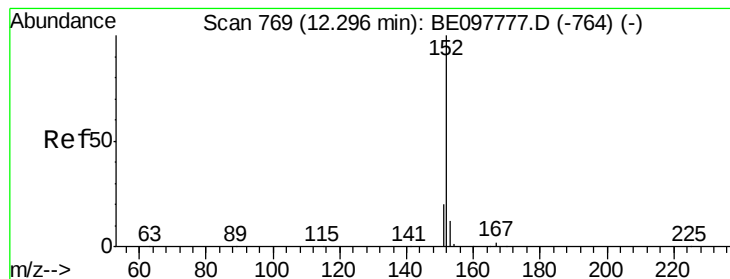


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.390 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.02 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

Instrument :

BNA_E

ClientSampleId :

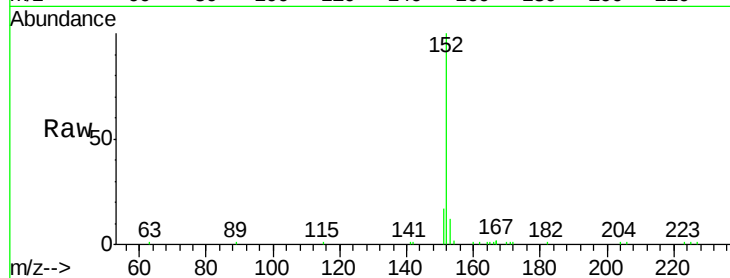
SSTDCCC0.4EC

Tgt Ion:152 Resp: 10335

Ion Ratio Lower Upper

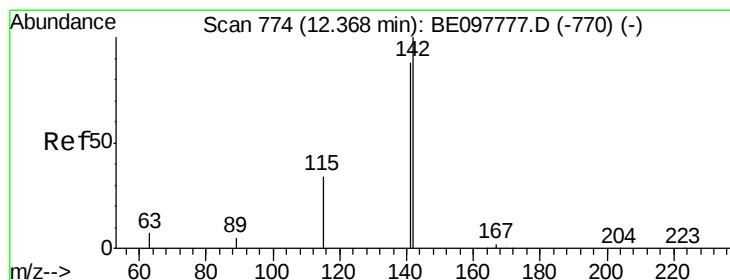
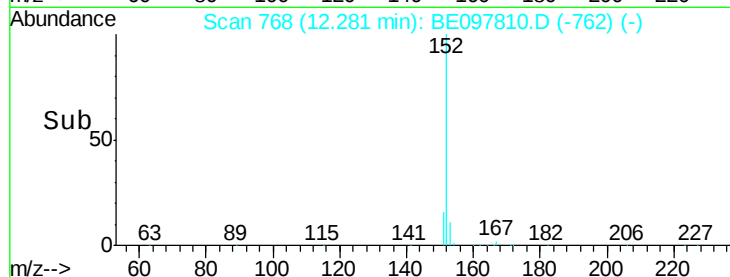
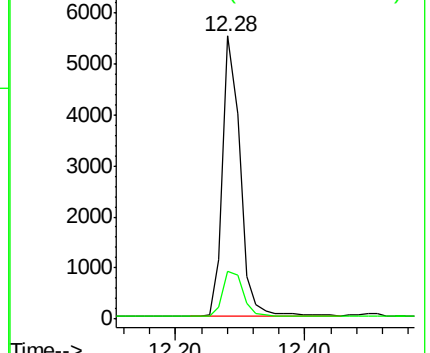
152 100

151 18.7 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.377 ng

RT: 12.35 min Scan# 773

Delta R.T. -0.02 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

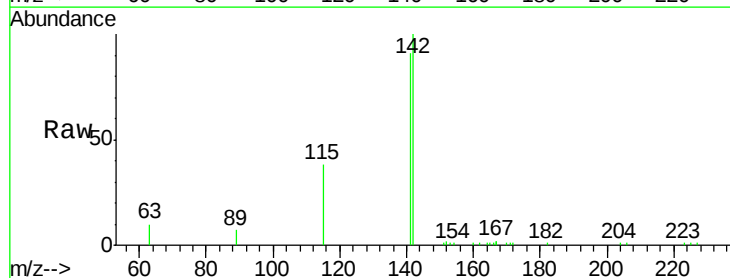
Tgt Ion:142 Resp: 10122

Ion Ratio Lower Upper

142 100

141 91.4 69.4 104.2

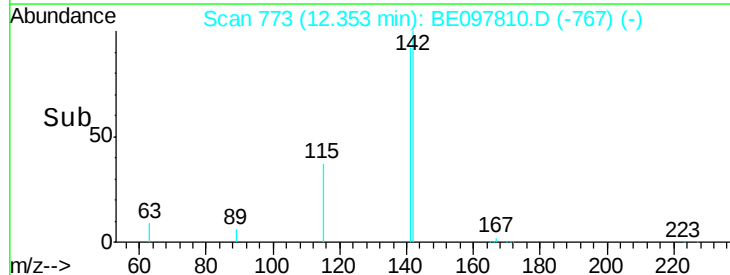
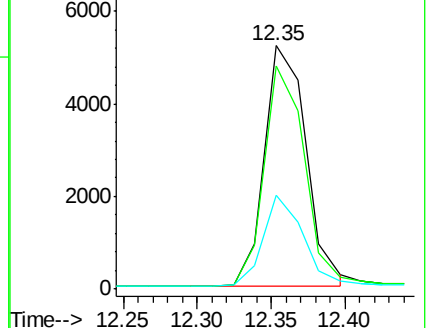
115 38.4 28.0 42.0

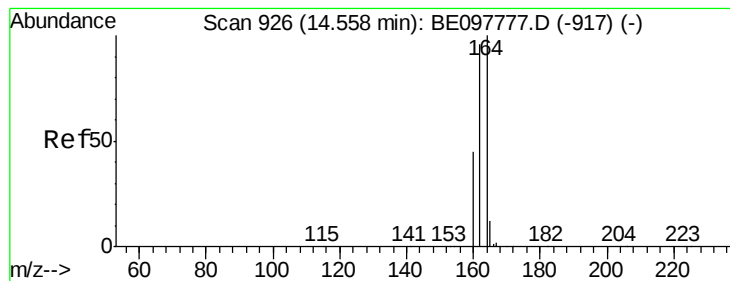


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.02 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

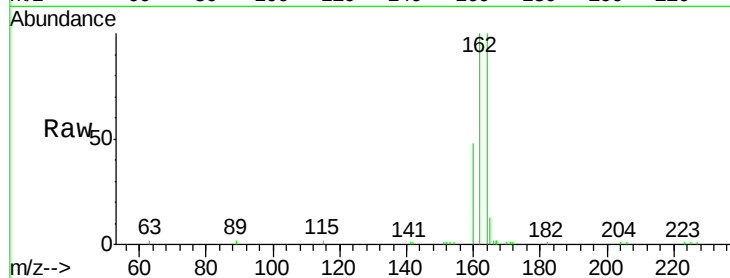
Tgt Ion:164 Resp: 9813

Ion Ratio Lower Upper

164 100

162 100.3 78.6 117.8

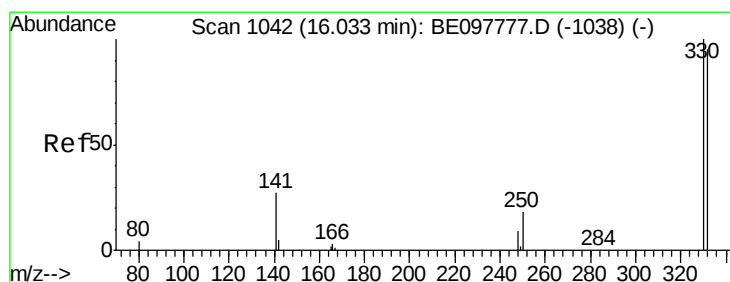
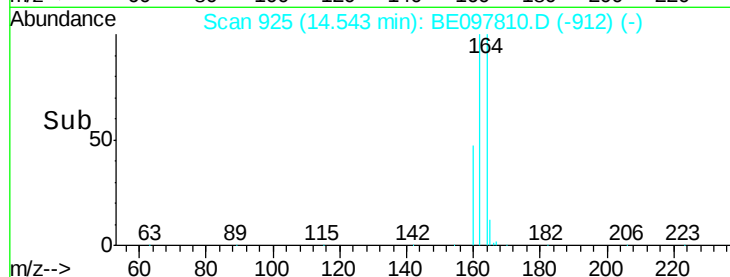
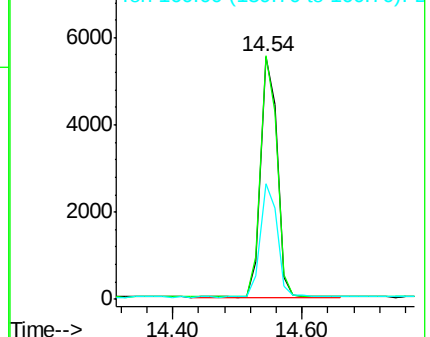
160 47.7 37.8 56.6



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: 0.459 ng

RT: 16.03 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

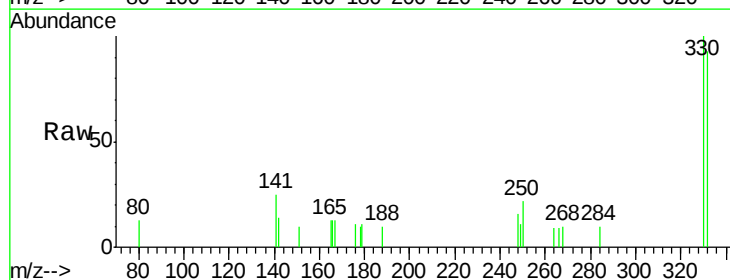
Tgt Ion:330 Resp: 816

Ion Ratio Lower Upper

330 100

332 98.7 83.5 125.3

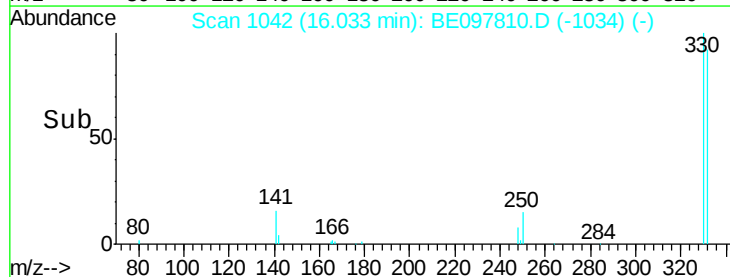
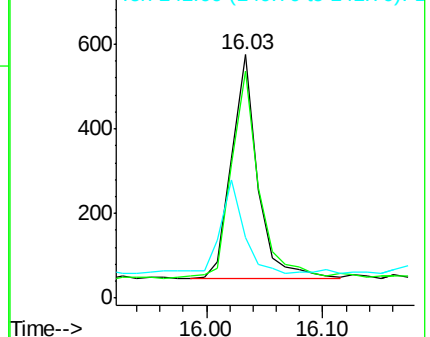
141 36.0 34.9 52.3

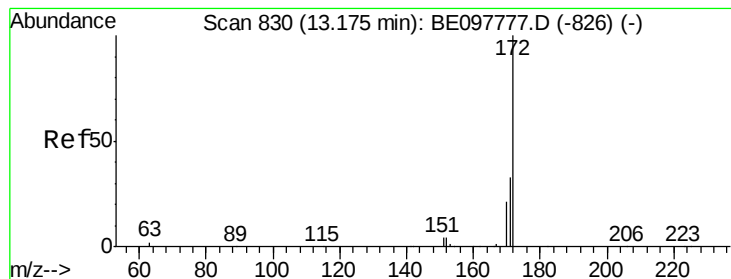


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.364 ng

RT: 13.17 min Scan# 830

Delta R.T. -0.02 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

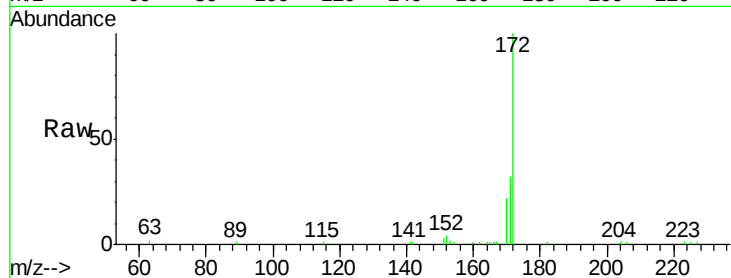
Tgt Ion:172 Resp: 15719

Ion Ratio Lower Upper

172 100

171 32.3 25.2 37.8

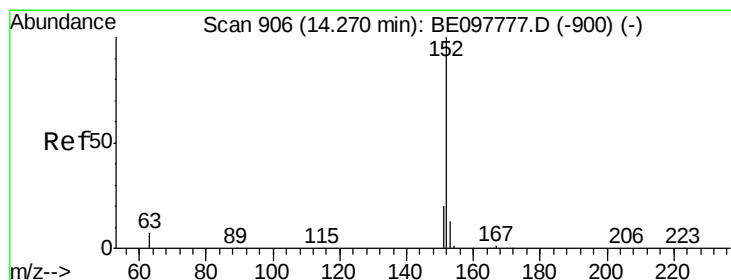
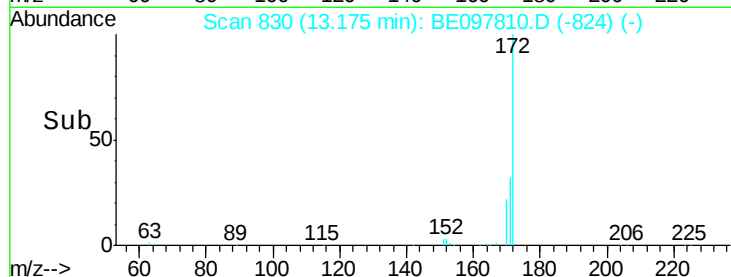
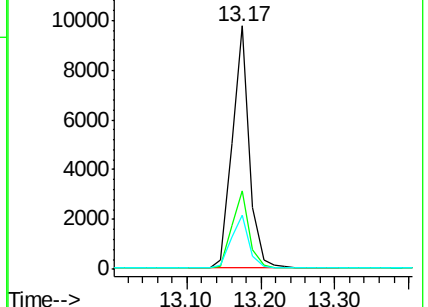
170 22.5 16.2 24.2



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: 0.350 ng

RT: 14.27 min Scan# 906

Delta R.T. -0.00 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

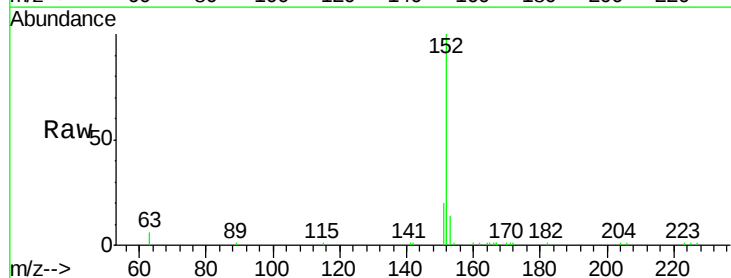
Tgt Ion:152 Resp: 15205

Ion Ratio Lower Upper

152 100

151 19.5 15.3 22.9

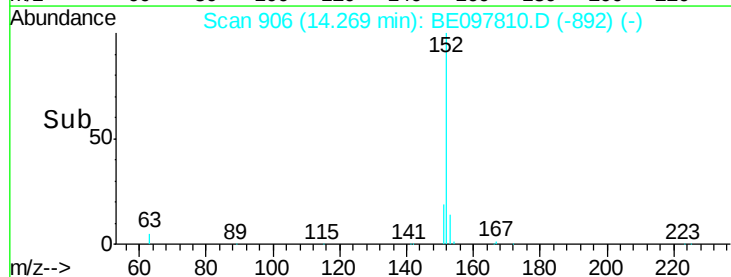
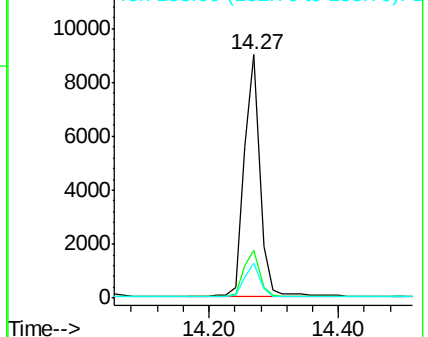
153 13.7 10.8 16.2

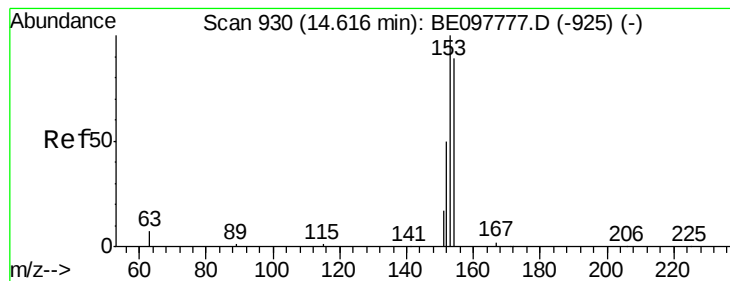


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.373 ng

RT: 14.62 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

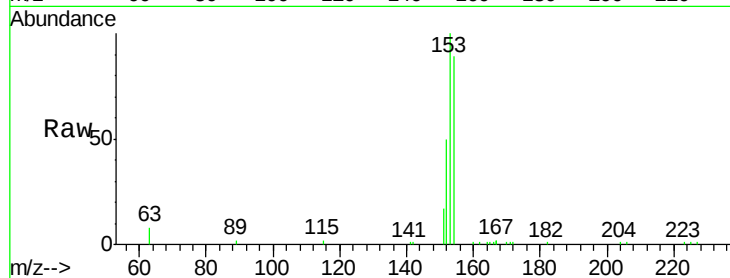
Tgt Ion:154 Resp: 10384

Ion Ratio Lower Upper

154 100

153 115.4 93.3 139.9

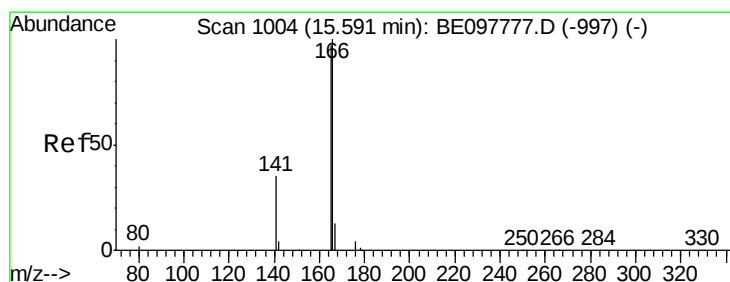
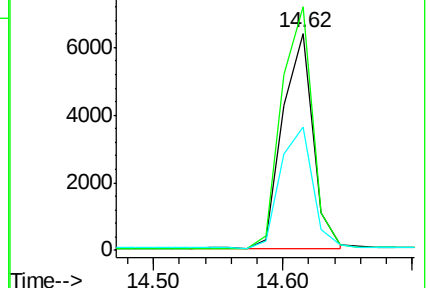
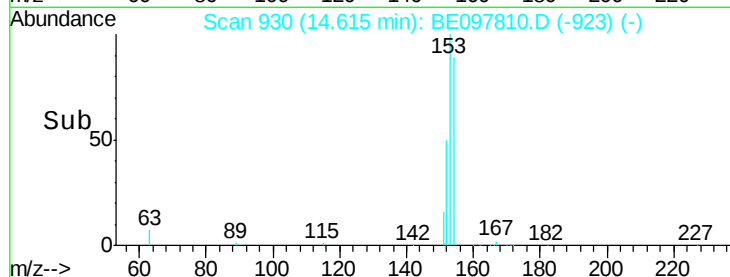
152 59.7 48.9 73.3



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: 0.370 ng

RT: 15.59 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

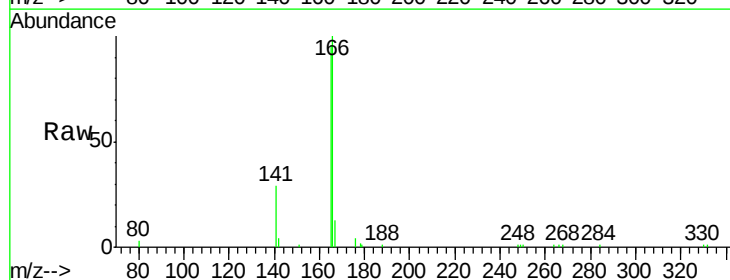
Tgt Ion:166 Resp: 13684

Ion Ratio Lower Upper

166 100

165 99.2 79.0 118.4

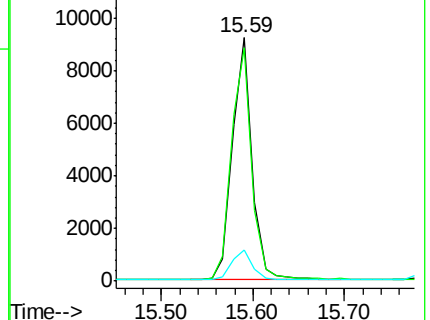
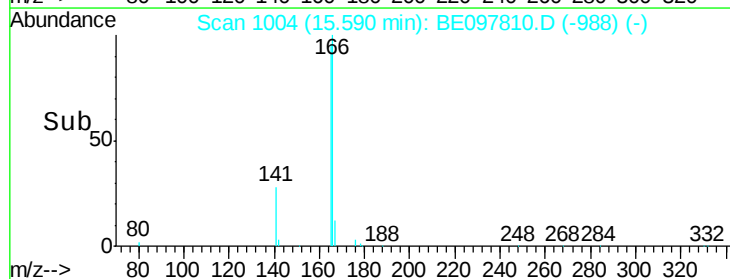
167 12.9 11.1 16.7

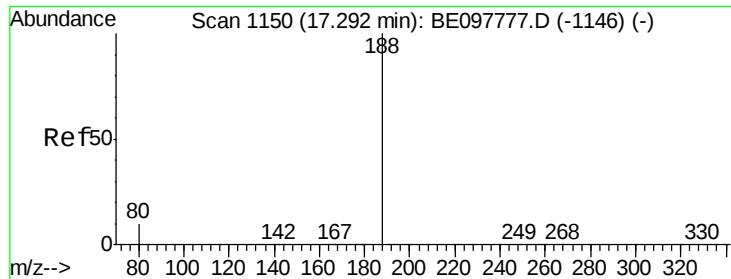


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

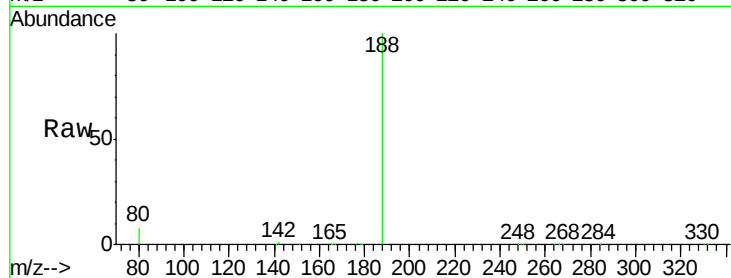
Tgt Ion:188 Resp: 27200

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

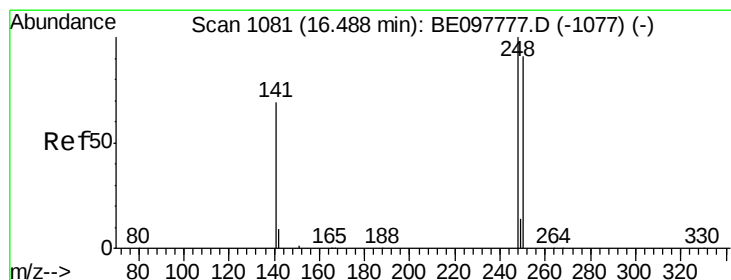
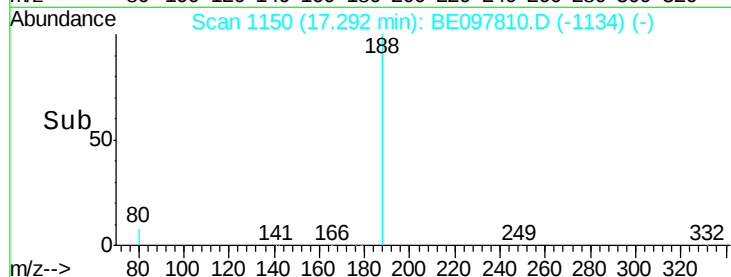
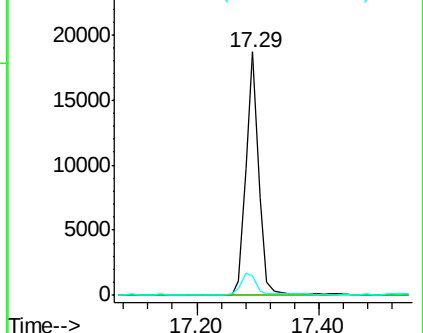
80 8.2 6.6 9.8



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: 0.375 ng

RT: 16.49 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

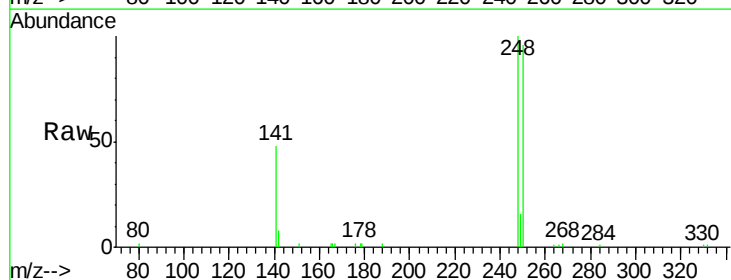
Tgt Ion:248 Resp: 5354

Ion Ratio Lower Upper

248 100

250 95.8 76.1 114.1

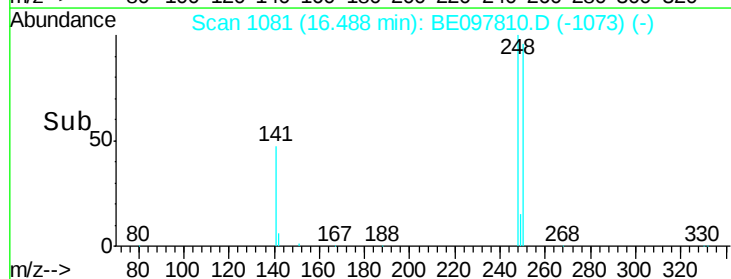
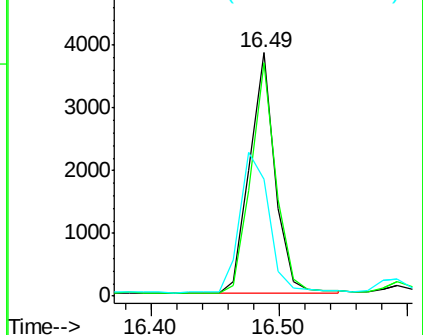
141 48.1 42.2 63.4

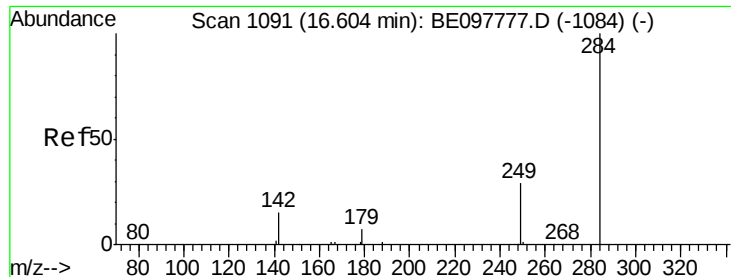


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.356 ng

RT: 16.59 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

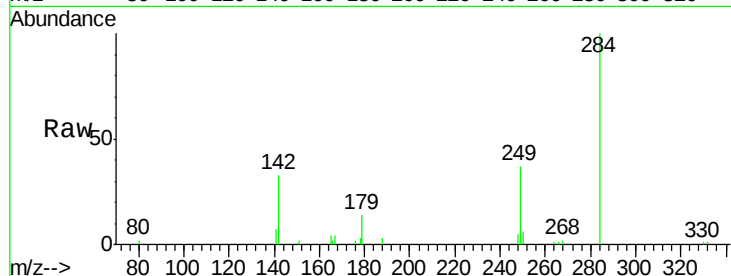
Tgt Ion:284 Resp: 5712

Ion Ratio Lower Upper

284 100

142 32.2 24.9 37.3

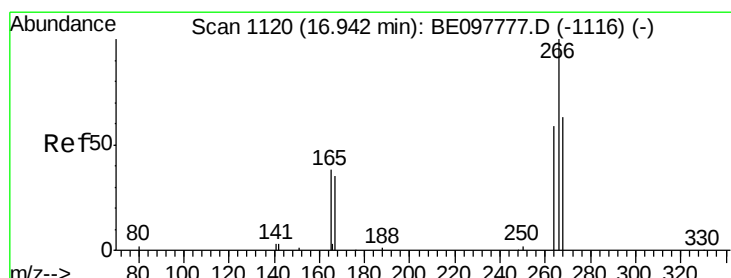
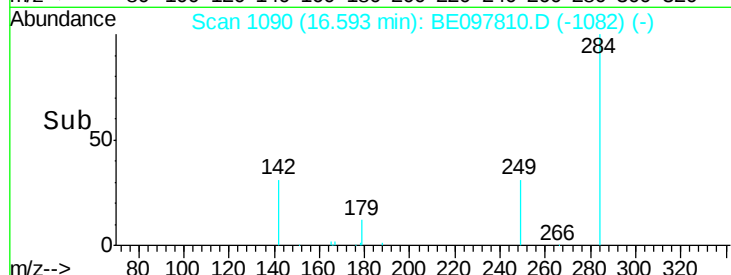
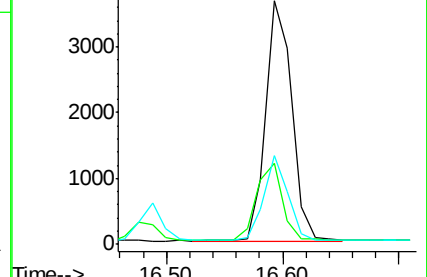
249 32.3 25.8 38.8



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: 0.482 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

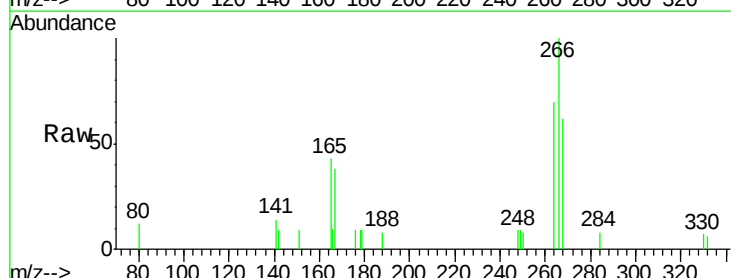
Tgt Ion:266 Resp: 1213

Ion Ratio Lower Upper

266 100

264 69.6 46.8 70.2

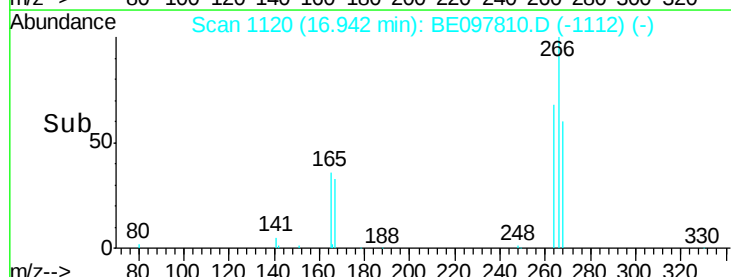
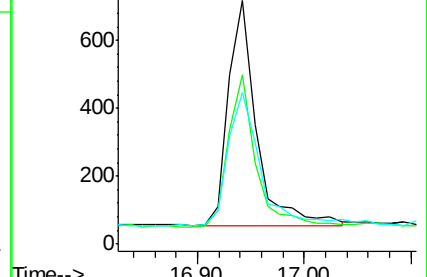
268 62.3 53.0 79.6

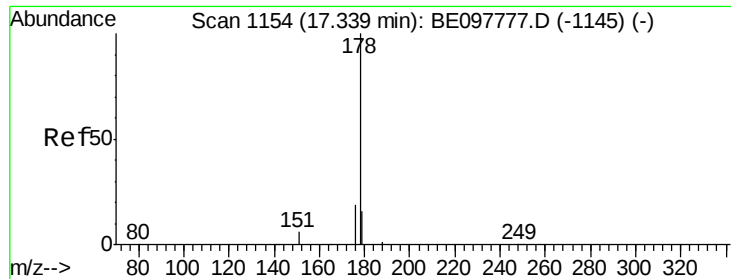


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.370 ng

RT: 17.33 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

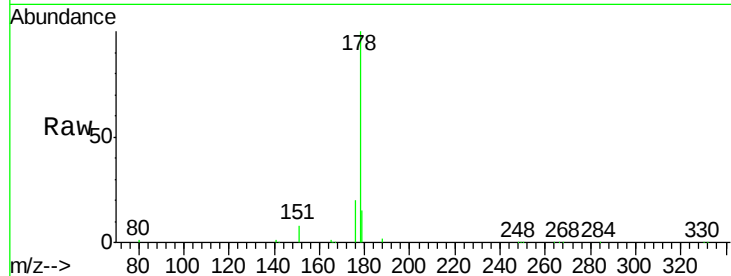
Tgt Ion:178 Resp: 25929

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

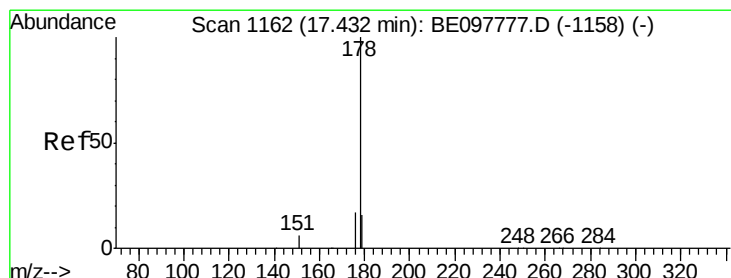
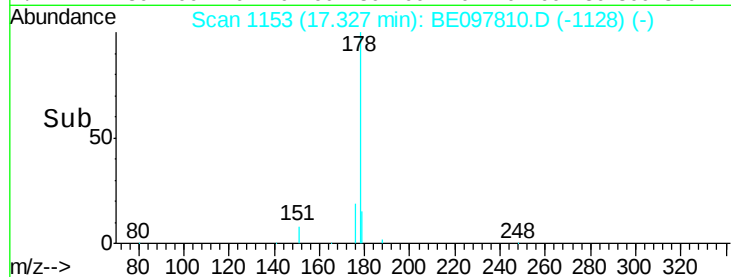
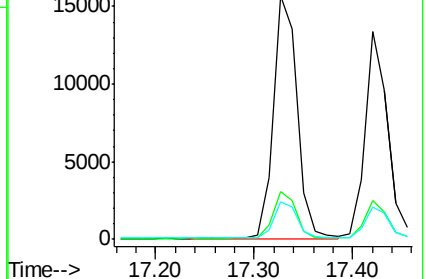
179 14.7 12.2 18.4



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: 0.346 ng

RT: 17.42 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

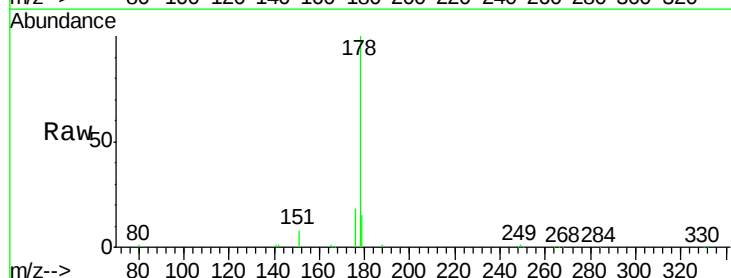
Tgt Ion:178 Resp: 20945

Ion Ratio Lower Upper

178 100

176 18.2 15.1 22.7

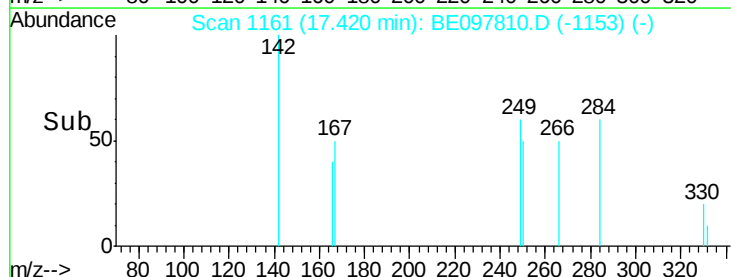
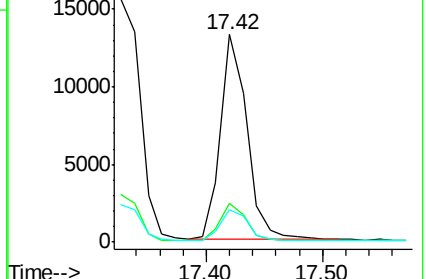
179 15.9 12.2 18.2

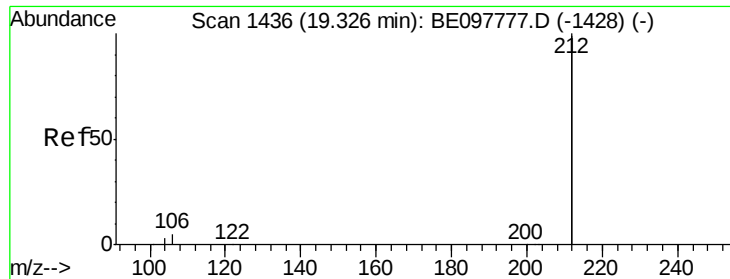


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

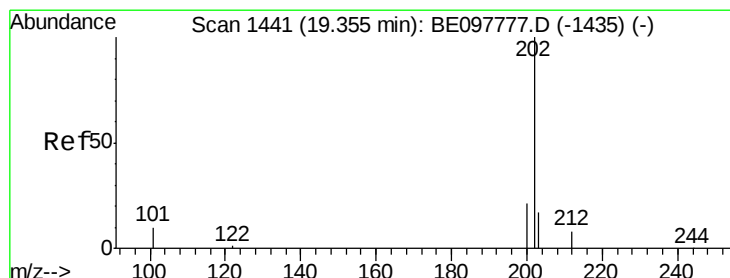
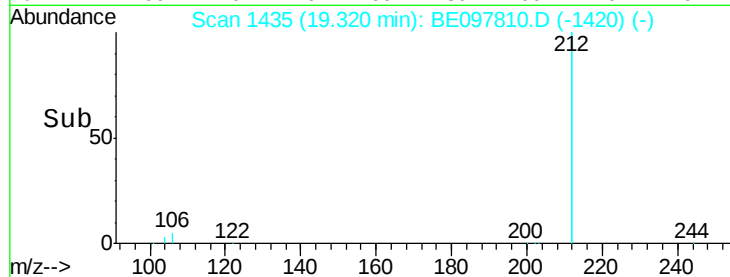
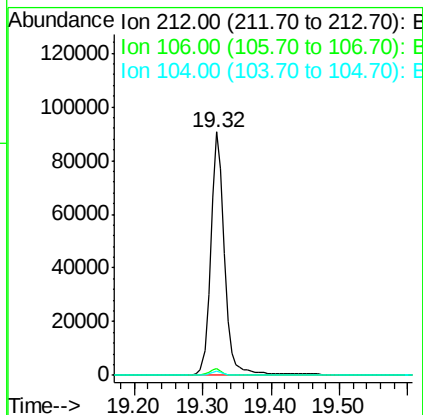
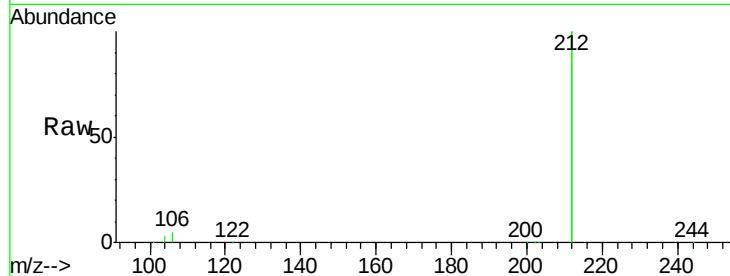




#25
 Fluoranthene-d10
 Concen: 0.367 ng
 RT: 19.32 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BE097810.D
 Acq: 9 Oct 2018 1:30

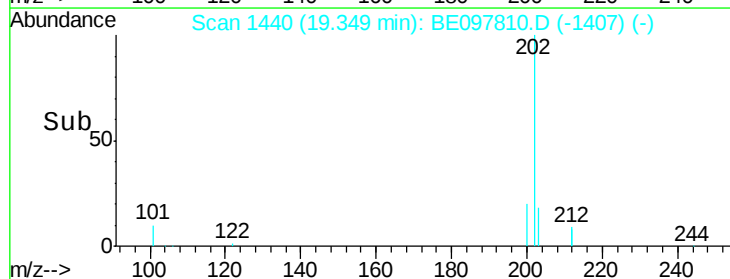
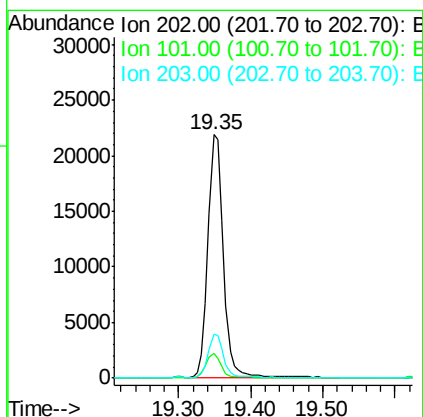
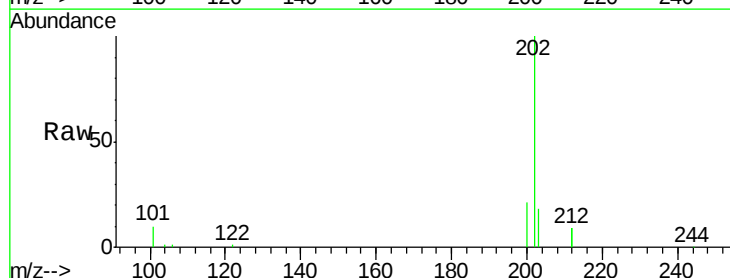
Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4EC

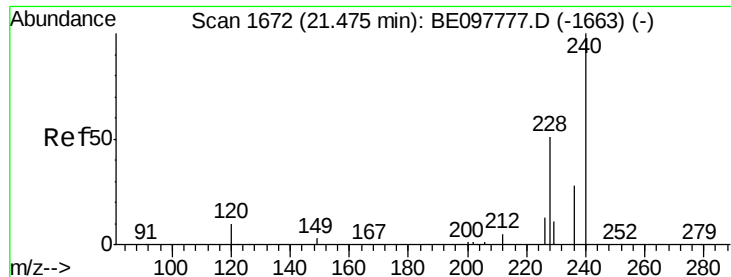
Tgt Ion: 212 Resp: 126326
 Ion Ratio Lower Upper
 212 100
 106 2.6 2.2 3.2
 104 1.5 1.2 1.8



#26
 Fluoranthene
 Concen: 0.362 ng
 RT: 19.35 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BE097810.D
 Acq: 9 Oct 2018 1:30

Tgt Ion: 202 Resp: 32294
 Ion Ratio Lower Upper
 202 100
 101 9.7 7.8 11.8
 203 17.1 13.8 20.6

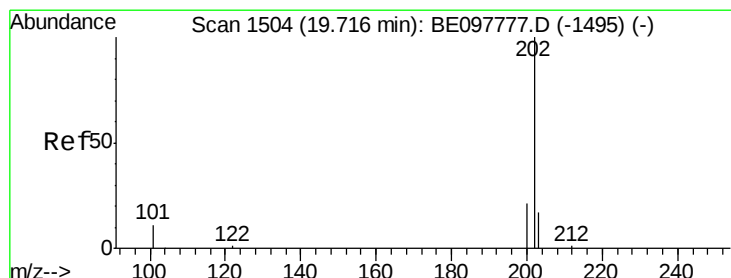
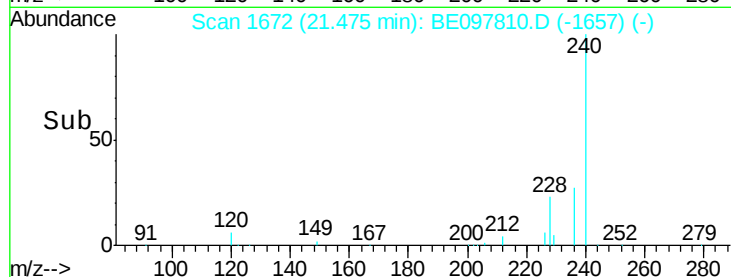
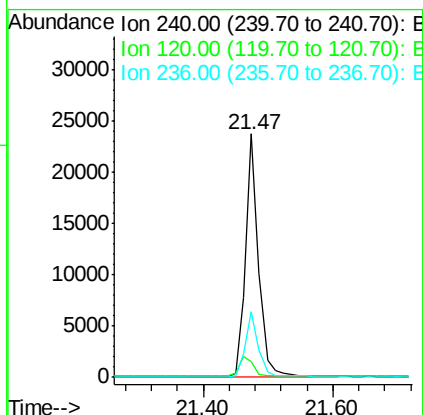
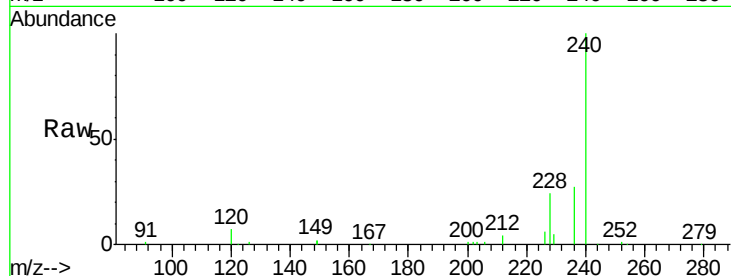




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.47 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097810.D
Acq: 9 Oct 2018 1:30

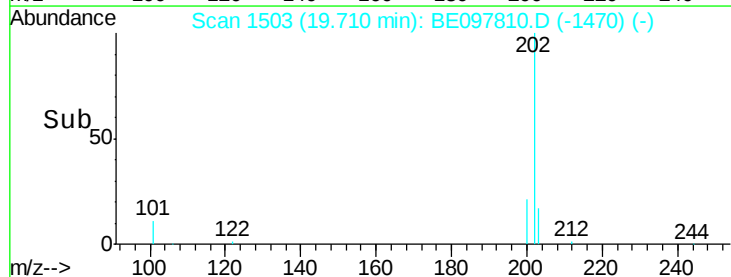
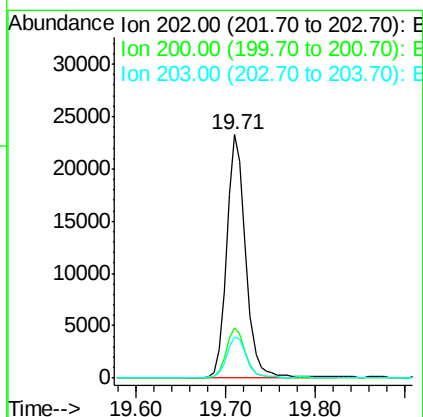
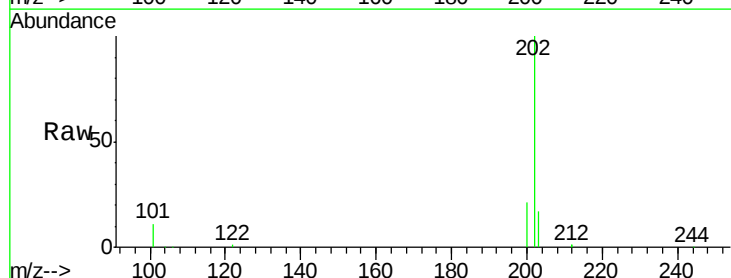
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

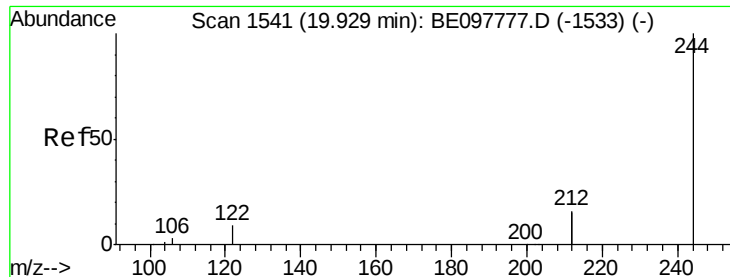
Tgt Ion:240 Resp: 32811
Ion Ratio Lower Upper
240 100
120 6.6 4.7 7.1
236 27.2 20.8 31.2



#28
Pyrene
Concen: 0.403 ng
RT: 19.71 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BE097810.D
Acq: 9 Oct 2018 1:30

Tgt Ion:202 Resp: 33588
Ion Ratio Lower Upper
202 100
200 20.6 16.7 25.1
203 17.2 13.9 20.9





#29

Terphenyl-d14

Concen: 0.403 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

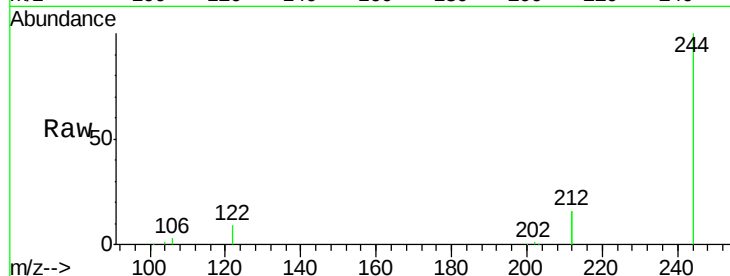
Tgt Ion:244 Resp: 26992

Ion Ratio Lower Upper

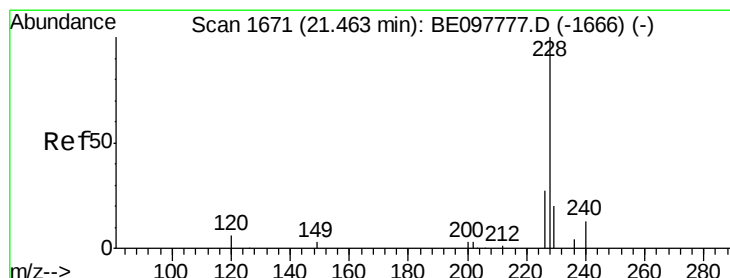
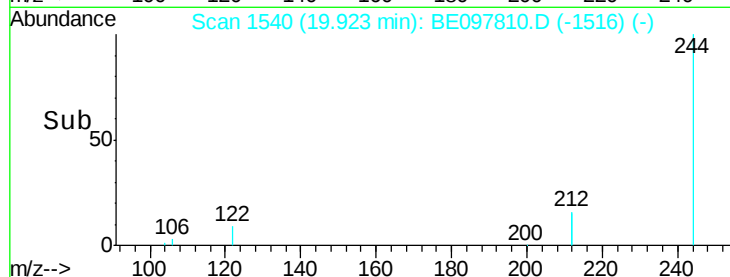
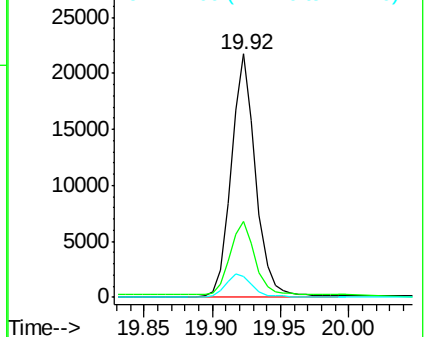
244 100

212 31.4 25.8 38.8

122 8.8 8.7 13.1



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: 0.358 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

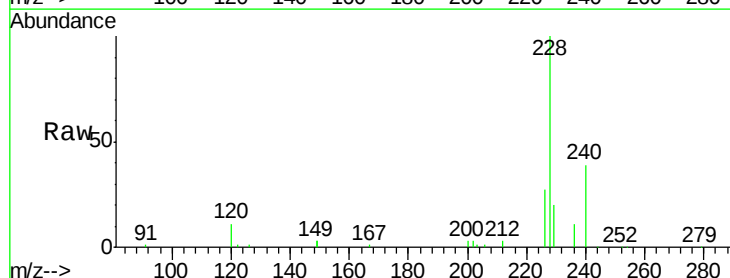
Tgt Ion:228 Resp: 31617

Ion Ratio Lower Upper

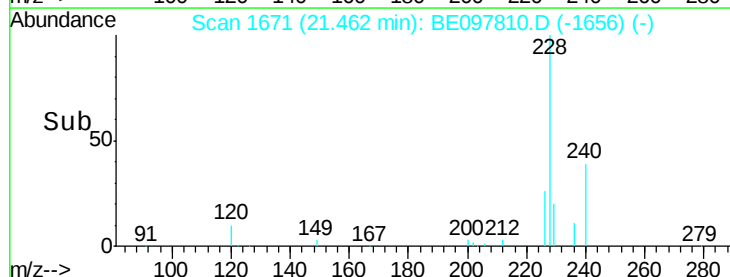
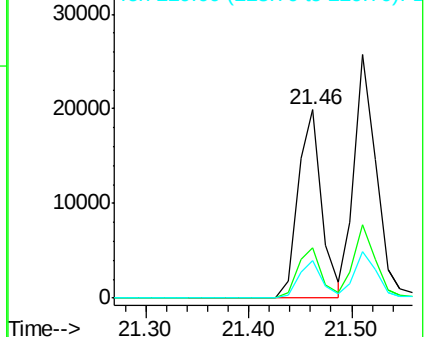
228 100

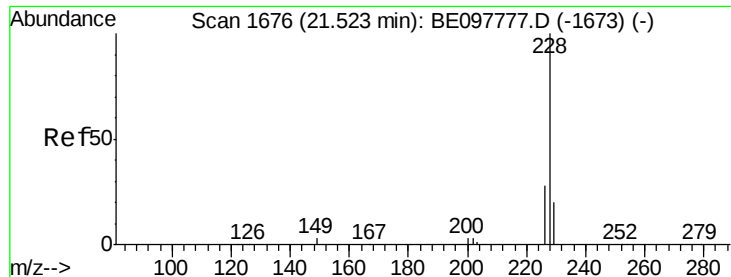
226 26.6 20.7 31.1

229 20.2 15.7 23.5



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: 0.382 ng

RT: 21.51 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

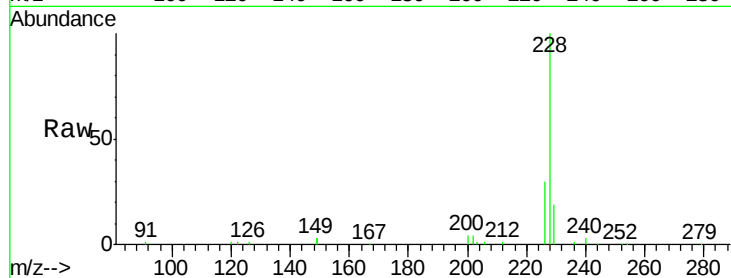
Tgt Ion: 228 Resp: 37647

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

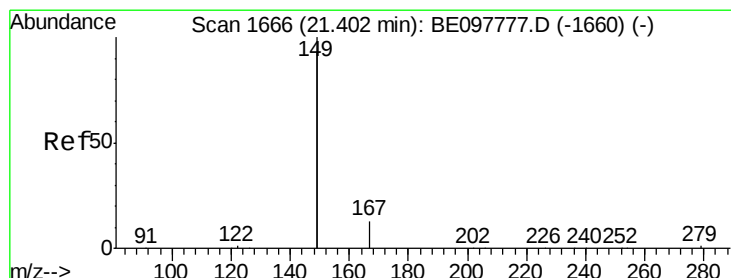
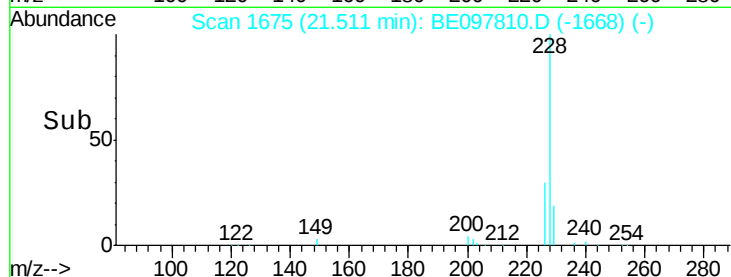
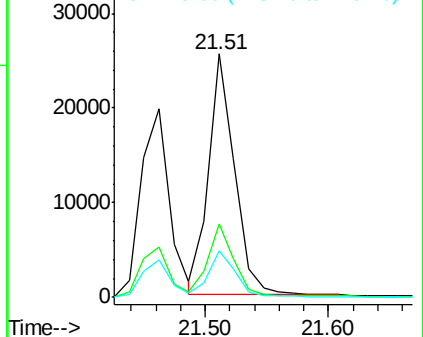
229 19.1 16.0 24.0



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: 0.398 ng

RT: 21.40 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

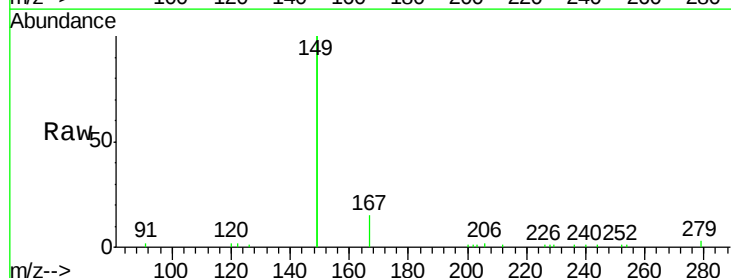
Tgt Ion: 149 Resp: 25658

Ion Ratio Lower Upper

149 100

167 6.9 5.5 8.3

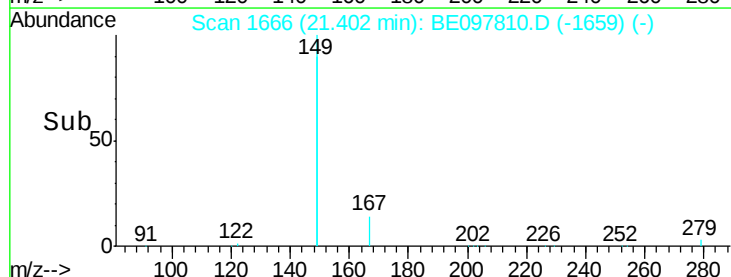
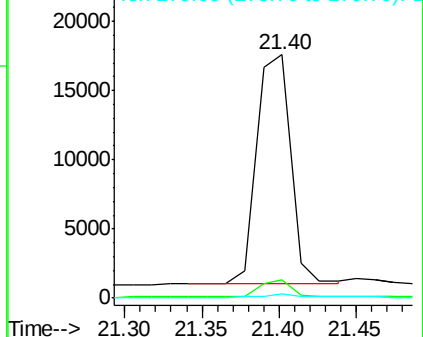
279 1.6 0.9 1.3#

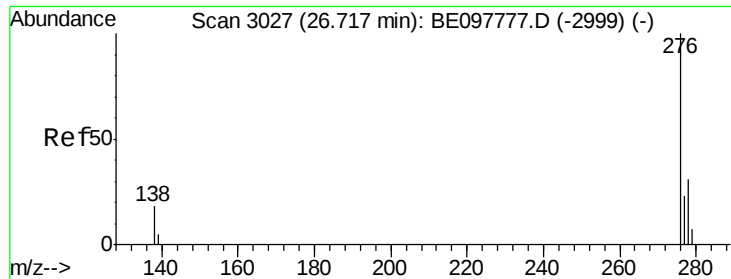


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

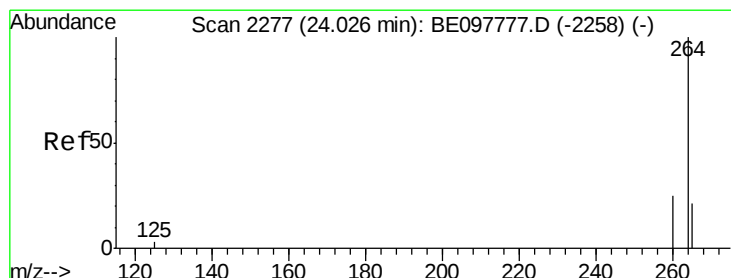
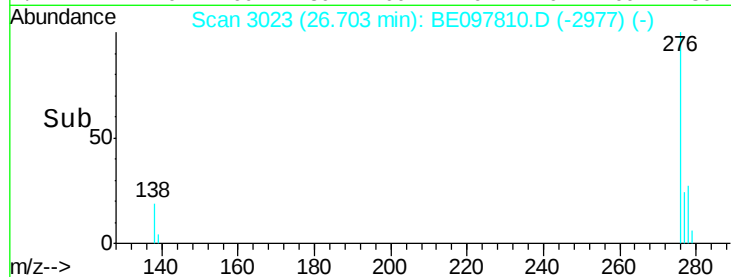
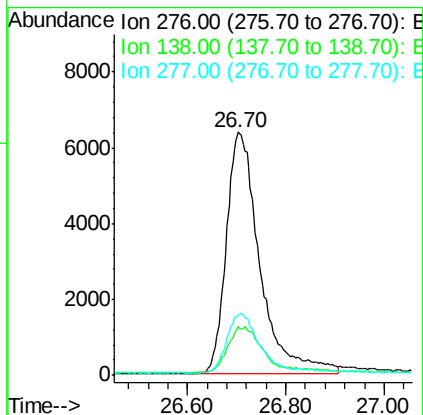
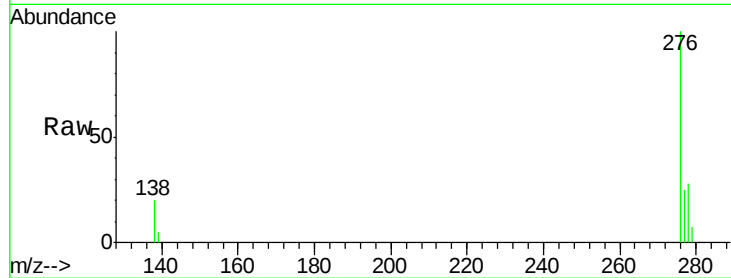




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.350 ng
 RT: 26.70 min Scan# 3023
 Delta R.T. -0.03 min
 Lab File: BE097810.D
 Acq: 9 Oct 2018 1:30

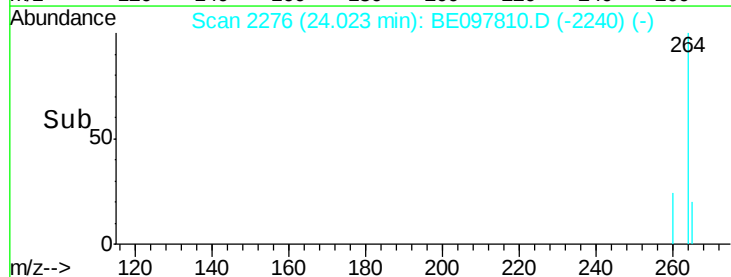
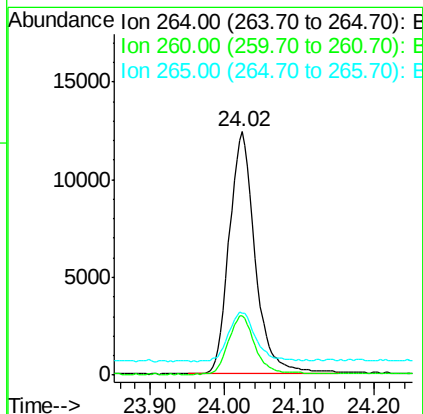
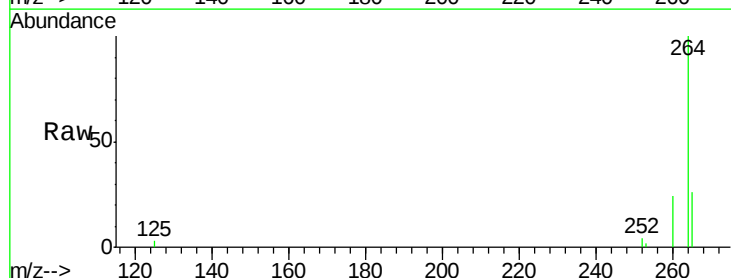
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

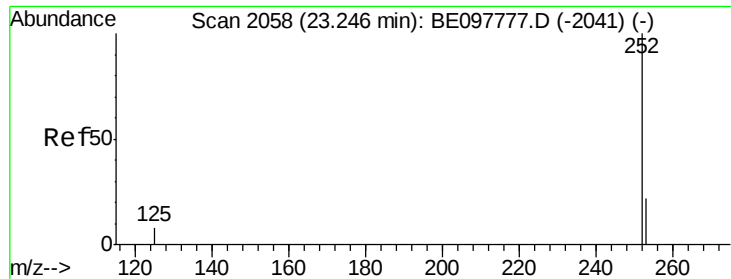
Tgt Ion: 276 Resp: 30018
 Ion Ratio Lower Upper
 276 100
 138 8.9 15.0 22.6#
 277 23.7 19.2 28.8



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.02 min Scan# 2276
 Delta R.T. -0.02 min
 Lab File: BE097810.D
 Acq: 9 Oct 2018 1:30

Tgt Ion: 264 Resp: 30075
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.1 28.7
 265 25.6 21.9 32.9





#35

Benzo(b)fluoranthene

Concen: 0.350 ng

RT: 23.24 min Scan# 2057

Delta R.T. -0.02 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

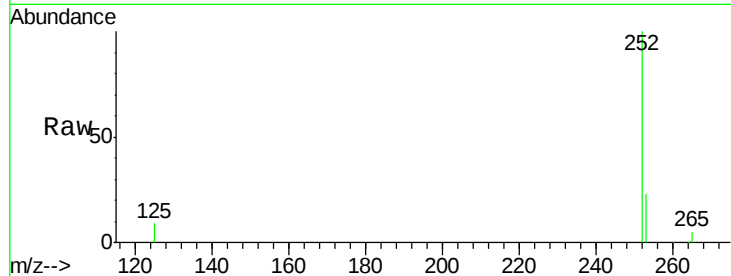
Tgt Ion:252 Resp: 28872

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

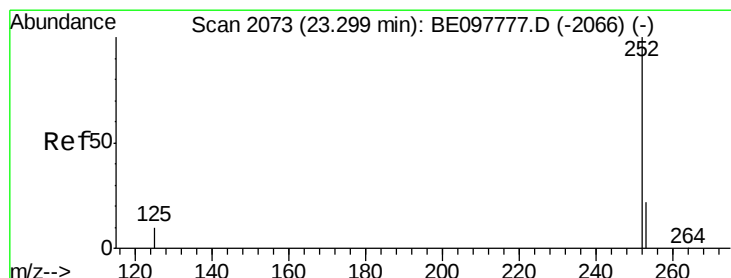
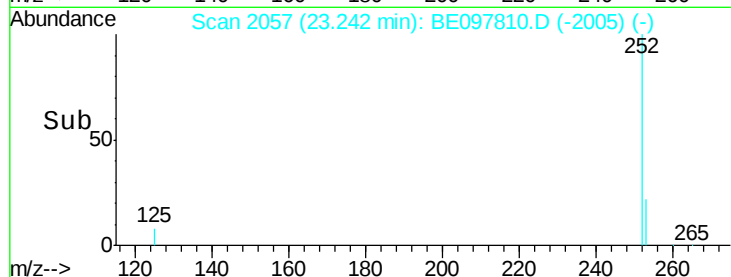
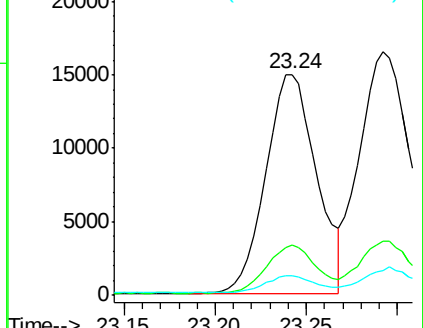
125 9.0 7.8 11.8



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: 0.383 ng

RT: 23.29 min Scan# 2071

Delta R.T. -0.02 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

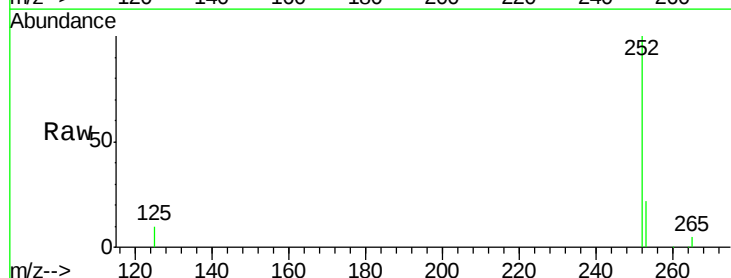
Tgt Ion:252 Resp: 35070

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

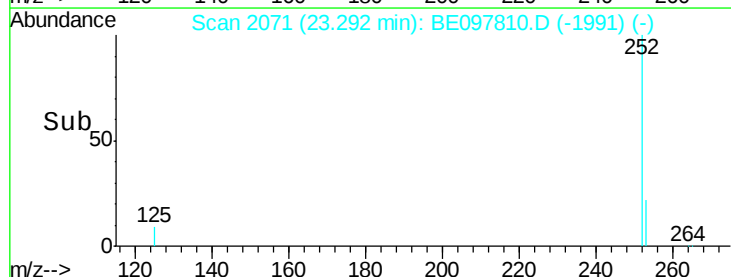
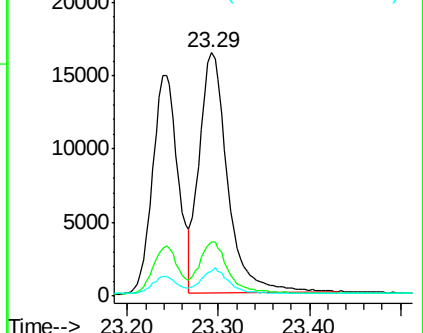
125 10.3 7.5 11.3

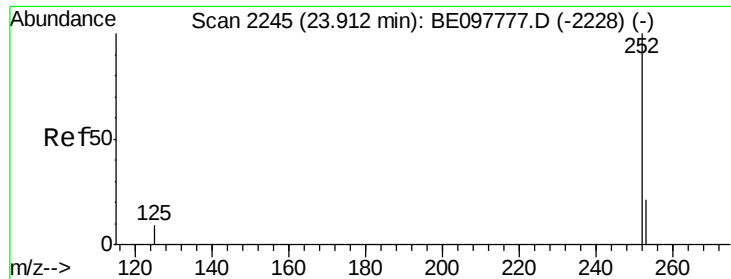


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.335 ng

RT: 23.91 min Scan# 2243

Delta R.T. -0.02 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

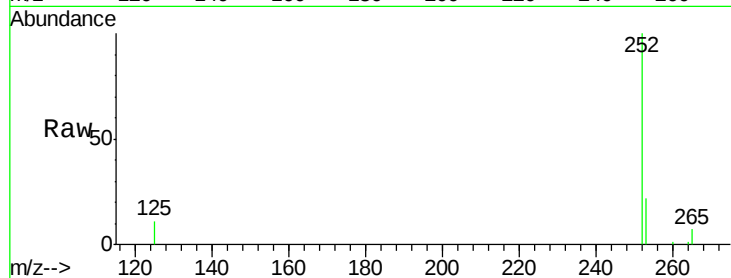
Tgt Ion:252 Resp: 25022

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

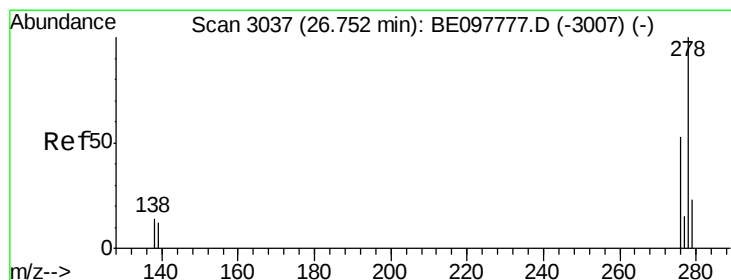
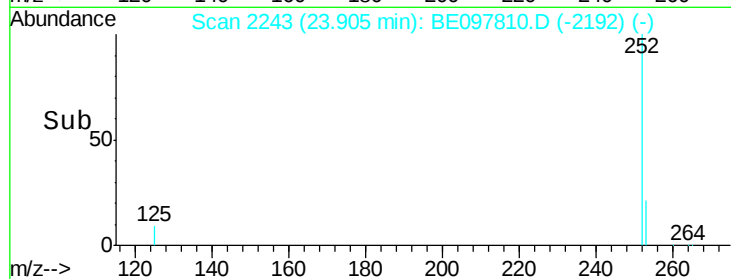
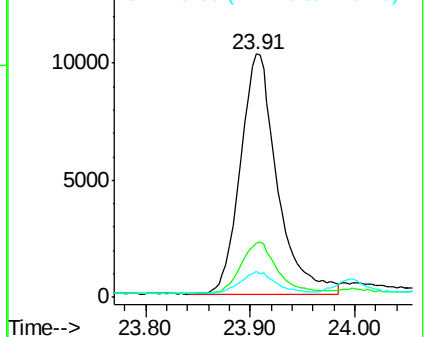
125 10.8 8.3 12.5



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: 0.328 ng

RT: 26.74 min Scan# 3033

Delta R.T. -0.03 min

Lab File: BE097810.D

Acq: 9 Oct 2018 1:30

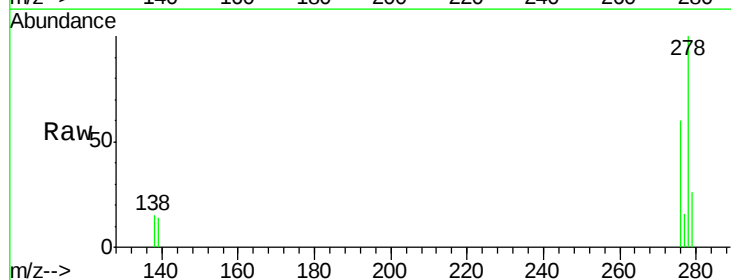
Tgt Ion:278 Resp: 24162

Ion Ratio Lower Upper

278 100

139 14.4 10.3 15.5

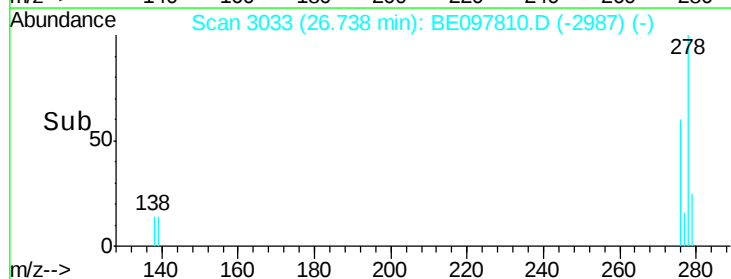
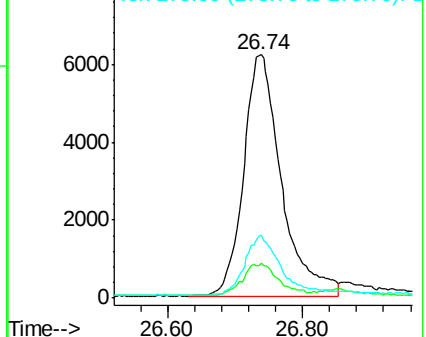
279 25.7 18.4 27.6

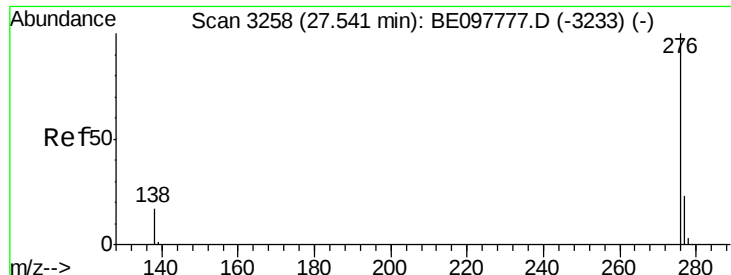


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.360 ng

RT: 27.53 min Scan# 3254

Delta R.T. -0.03 min

Lab File: BE097810.D

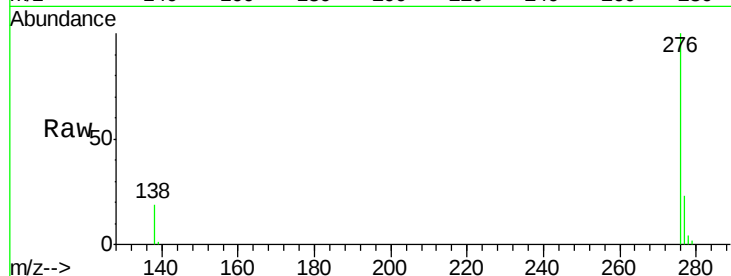
Acq: 9 Oct 2018 1:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



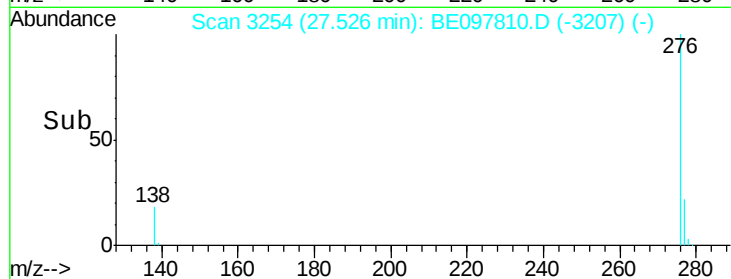
Tgt Ion: 276 Resp: 27749

Ion Ratio Lower Upper

276 100

277 23.1 19.1 28.7

138 18.6 14.2 21.2



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

