

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
 Data File : BE097905.D
 Acq On : 16 Oct 2018 11:16
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Oct 16 15:40:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 15:36:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2110	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	9348	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	5967	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	15570	0.40	ng	0.00
27) Chrysene-d12	21.49	240	19787	0.40	ng	0.00
34) Perylene-d12	24.04	264	19990	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.47	112	2573	0.39	ng	0.00
5) Phenol-d6	7.06	99	3921	0.40	ng	0.00
8) Nitrobenzene-d5	9.04	82	3327	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	6104	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.05	330	1168	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	9221	0.38	ng	0.00
25) Fluoranthene-d10	19.33	212	79174	0.38	ng	0.00
29) Terphenyl-d14	19.93	244	30024	0.66	ng	0.00

Target Compounds

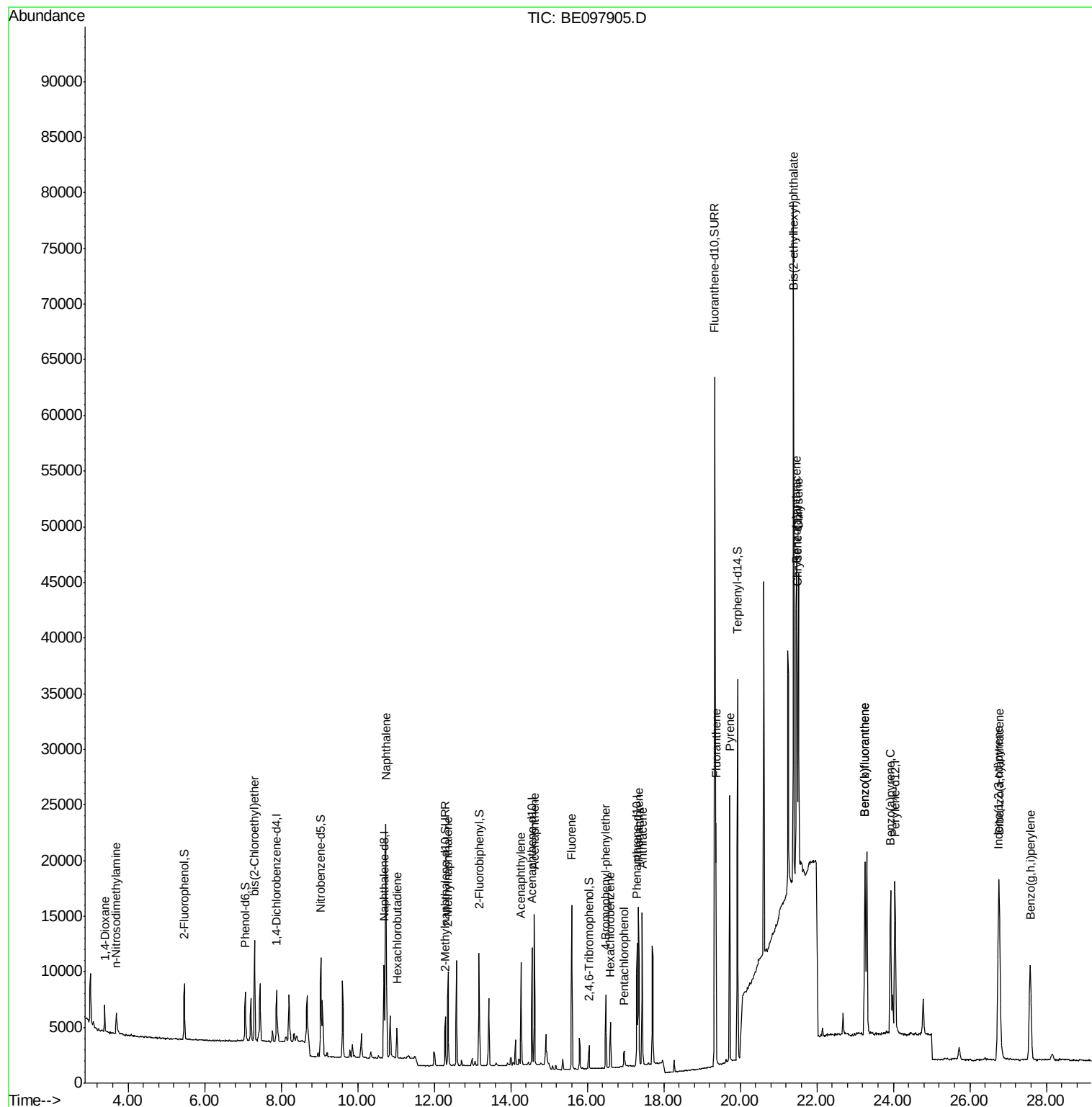
					Qvalue
2) 1,4-Dioxane	3.38	88	1298	0.353 ng	95
3) n-Nitrosodimethylamine	3.69	42	1487	0.362 ng	# 91
6) bis(2-Chloroethyl)ether	7.30	93	3143	0.376 ng	98
9) Naphthalene	10.74	128	36673	0.394 ng	100
10) Hexachlorobutadiene	11.03	225	1965	0.392 ng	97
12) 2-Methylnaphthalene	12.37	142	6235	0.391 ng	97
16) Acenaphthylene	14.27	152	10489	0.380 ng	99
17) Acenaphthene	14.61	154	6575	0.390 ng	98
18) Fluorene	15.59	166	8684	0.375 ng	100
20) 4-Bromophenyl-phenylether	16.49	248	3269	0.384 ng	97
21) Hexachlorobenzene	16.60	284	3238	0.387 ng	99
22) Pentachlorophenol	16.97	266	1010	0.483 ng	96
23) Phenanthrene	17.34	178	14674	0.371 ng	99
24) Anthracene	17.43	178	14136	0.378 ng	100
26) Fluoranthene	19.36	202	19411	0.374 ng	98
28) Pyrene	19.72	202	20987	0.368 ng	100
30) Benzo(a)anthracene	21.46	228	23129	0.381 ng	99
31) Chrysene	21.52	228	21969	0.382 ng	99
32) Bis(2-ethylhexyl)phthalate	21.39	149	66808	0.502 ng	99
33) Indeno(1,2,3-cd)pyrene	26.75	276	25632	0.406 ng	100
35) Benzo(b)fluoranthene	23.26	252	21991	0.382 ng	98
36) Benzo(k)fluoranthene	23.26	252	21991	0.367 ng	97
37) Benzo(a)pyrene	23.93	252	21881	0.390 ng	96
38) Dibenzo(a,h)anthracene	26.77	278	21489	0.391 ng	99
39) Benzo(g,h,i)perylene	27.58	276	21514	0.382 ng	100

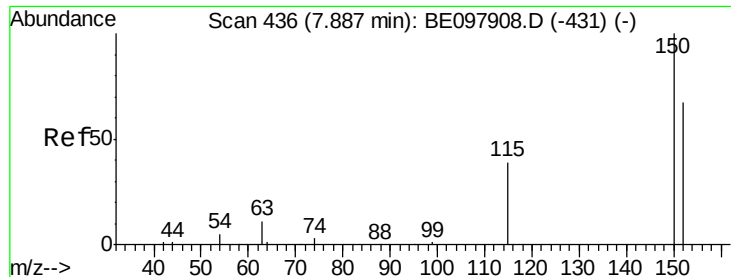
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
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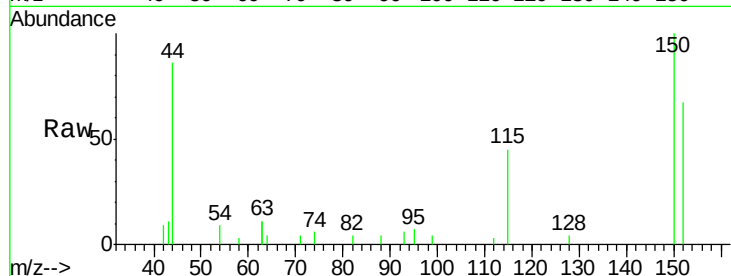


#1

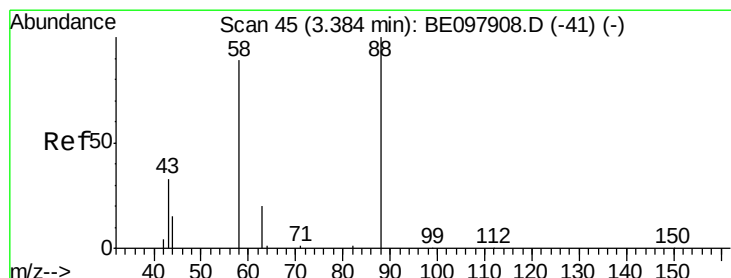
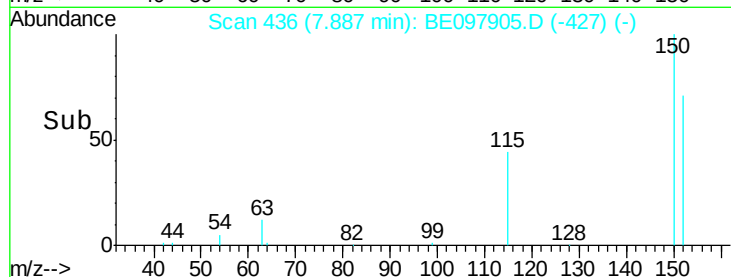
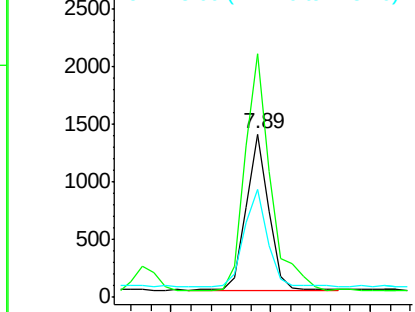
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. 0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2110
Ion Ratio Lower Upper
152 100
150 148.9 118.2 177.4
115 66.4 50.9 76.3



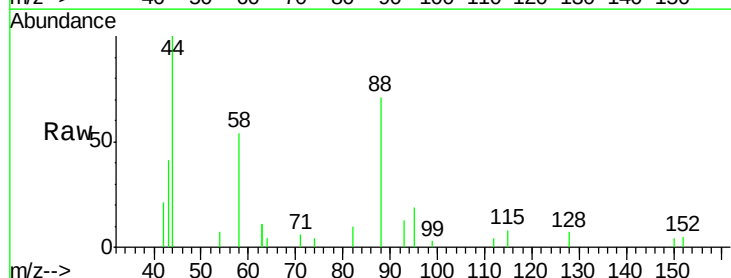
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



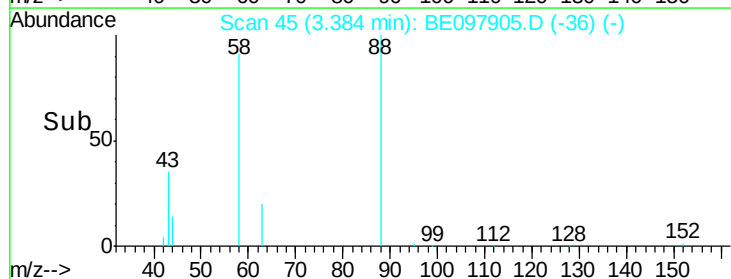
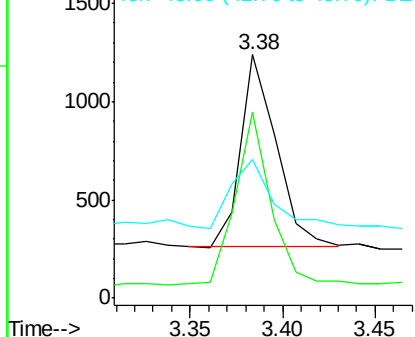
#2

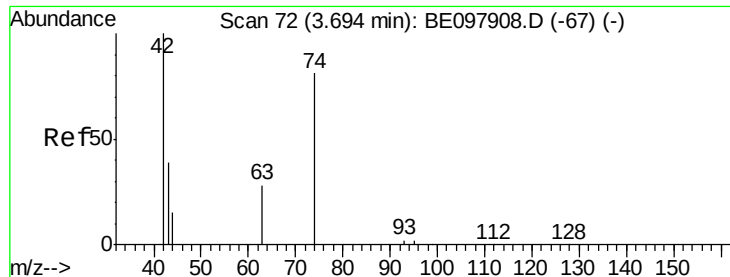
1,4-Dioxane
Concen: 0.353 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Tgt Ion: 88 Resp: 1298
Ion Ratio Lower Upper
88 100
58 89.5 73.2 109.8
43 39.6 36.9 55.3



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

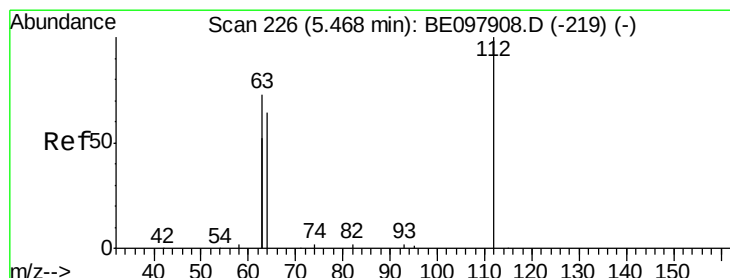
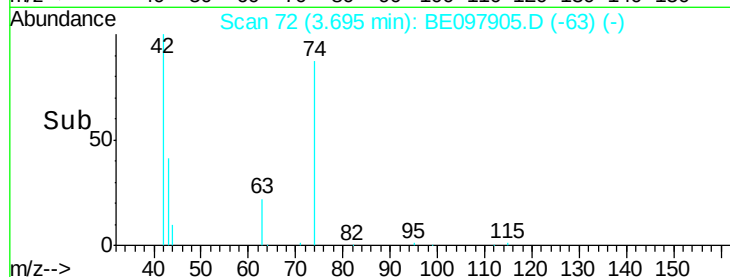
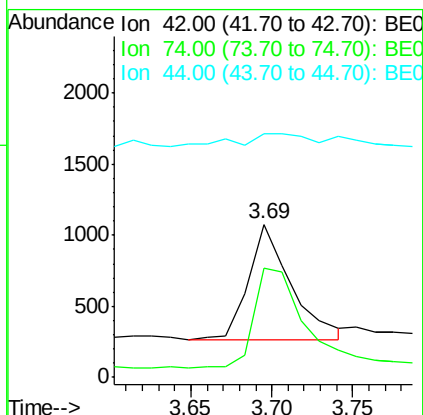
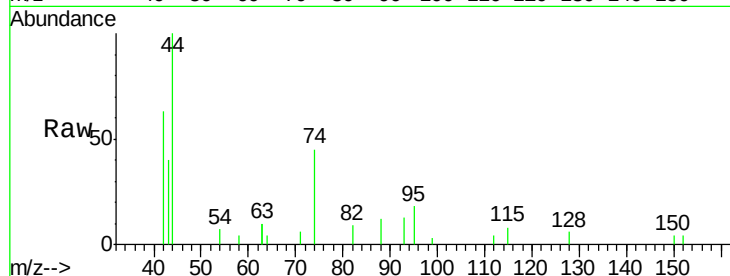




#3
 n-Nitrosodimethylamine
 Concen: 0.362 ng
 RT: 3.69 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BE097905.D
 Acq: 16 Oct 2018 11:16

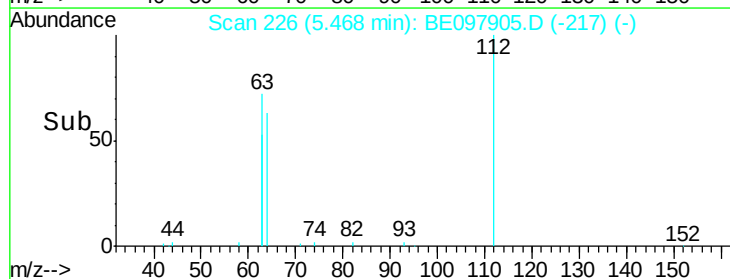
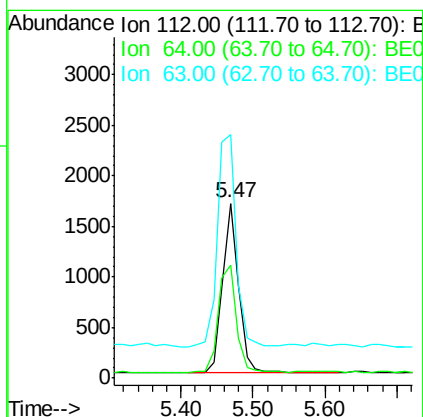
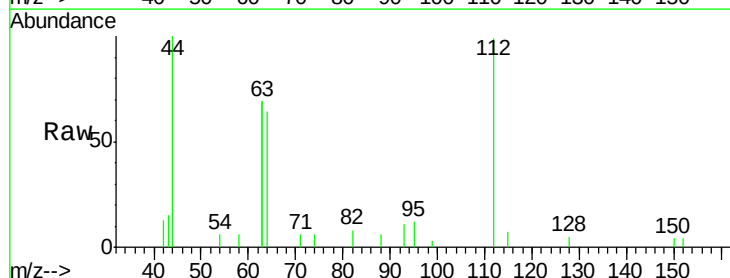
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

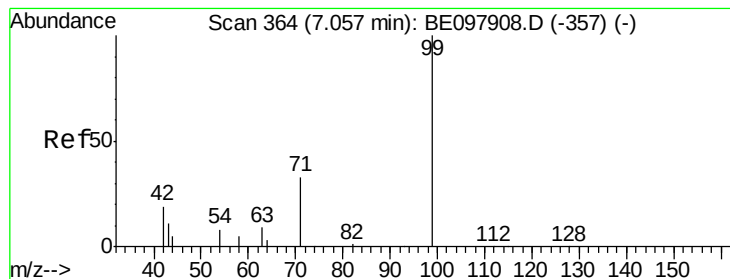
Tgt Ion: 42 Resp: 1487
 Ion Ratio Lower Upper
 42 100
 74 103.4 77.6 116.4
 44 23.7 7.6 11.4#



#4
 2-Fluorophenol
 Concen: 0.387 ng
 RT: 5.47 min Scan# 226
 Delta R.T. 0.00 min
 Lab File: BE097905.D
 Acq: 16 Oct 2018 11:16

Tgt Ion: 112 Resp: 2573
 Ion Ratio Lower Upper
 112 100
 64 71.8 58.9 88.3
 63 146.8 120.3 180.5





#5

Phenol-d6

Concen: 0.399 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.00 min

Lab File: BE097905.D

Acq: 16 Oct 2018 11:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

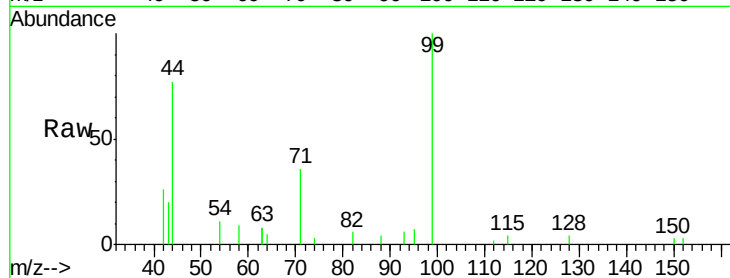
Tgt Ion: 99 Resp: 3921

Ion Ratio Lower Upper

99 100

42 27.4 19.9 29.9

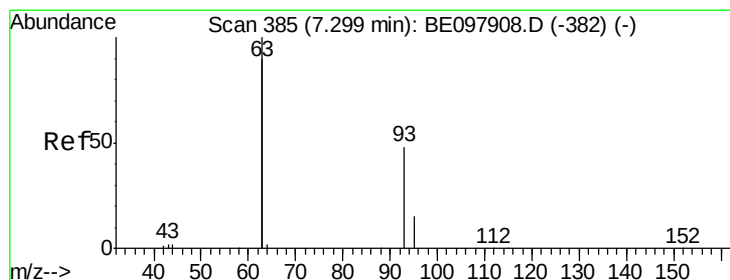
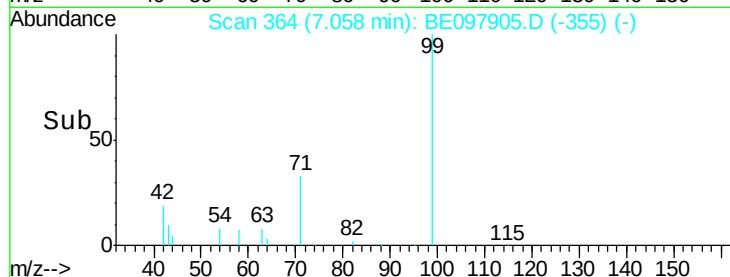
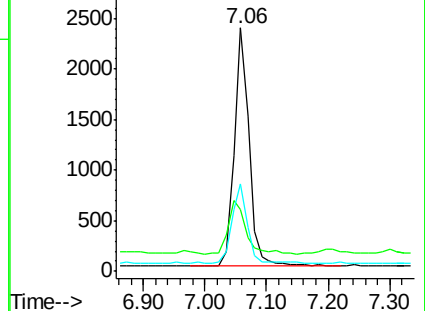
71 34.9 27.8 41.8



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: 0.376 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE097905.D

Acq: 16 Oct 2018 11:16

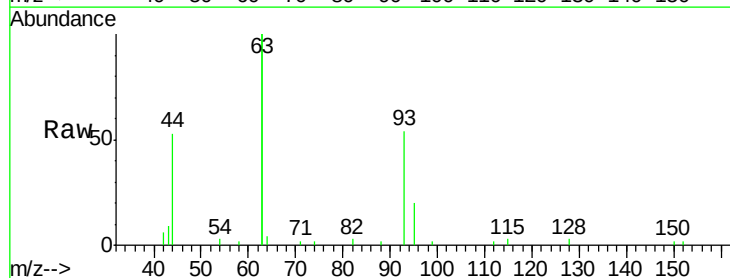
Tgt Ion: 93 Resp: 3143

Ion Ratio Lower Upper

93 100

63 327.1 259.0 388.4

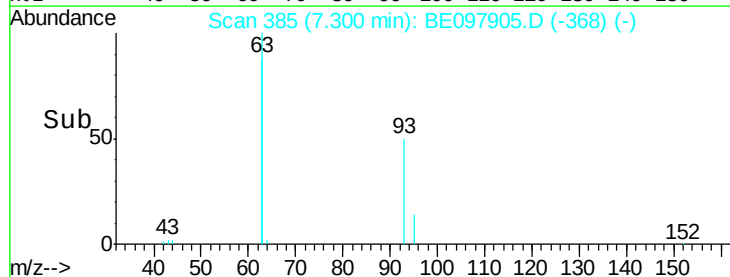
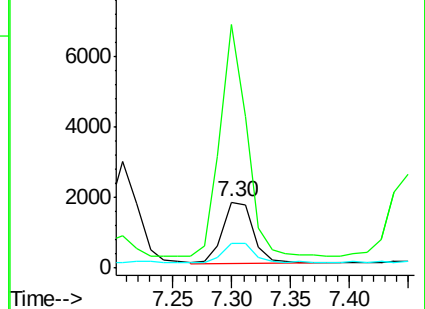
95 31.8 27.8 41.8

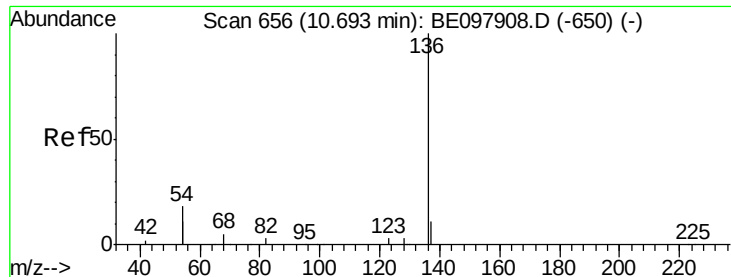


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.69 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE097905.D

Acq: 16 Oct 2018 11:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 9348

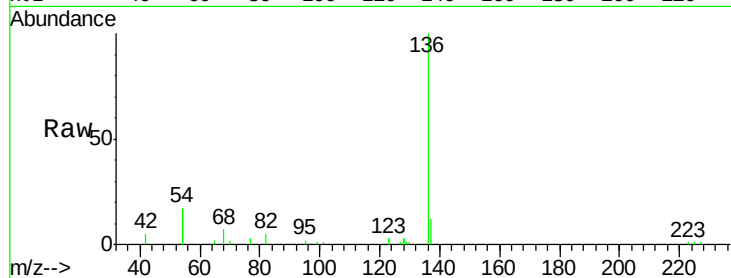
Ion Ratio Lower Upper

136 100

137 12.4 9.6 14.4

54 34.3 27.7 41.5

68 6.6 5.3 7.9

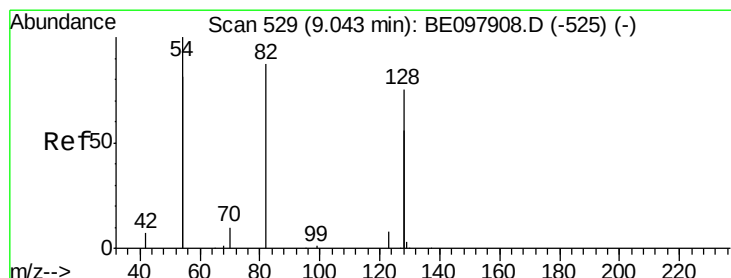
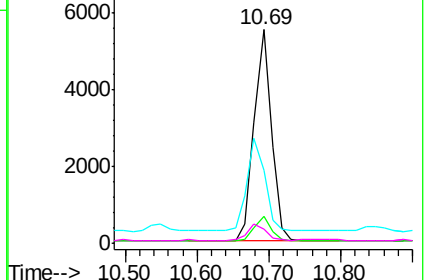
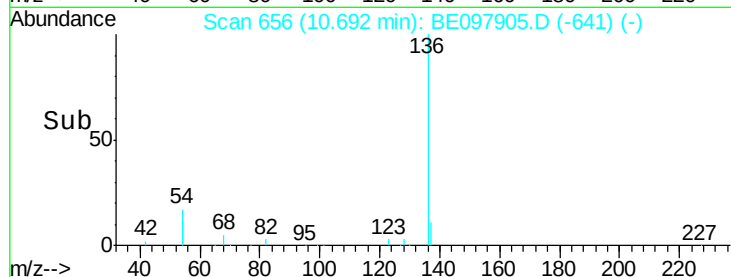


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.376 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097905.D

Acq: 16 Oct 2018 11:16

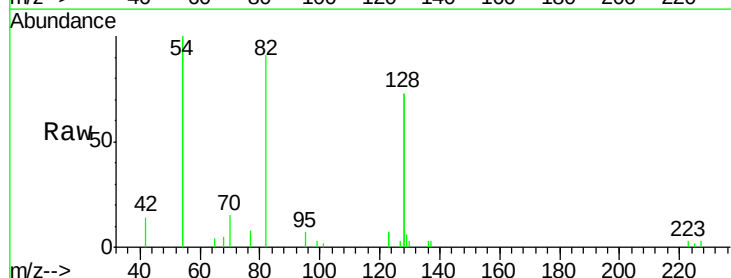
Tgt Ion: 82 Resp: 3327

Ion Ratio Lower Upper

82 100

128 160.2 129.9 194.9

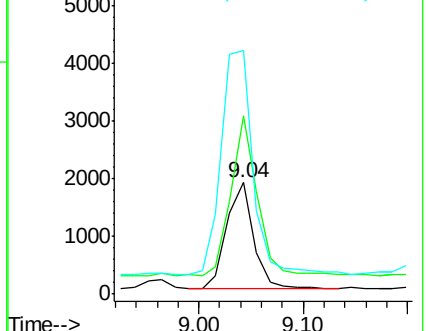
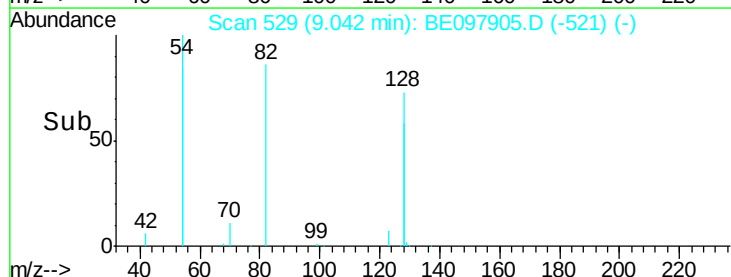
54 219.0 174.0 261.0

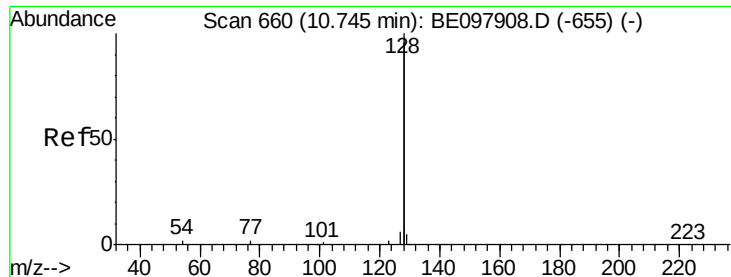


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.394 ng

RT: 10.74 min Scan# 660

Delta R.T. -0.00 min

Lab File: BE097905.D

Acq: 16 Oct 2018 11:16

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SSTDCCC0.4

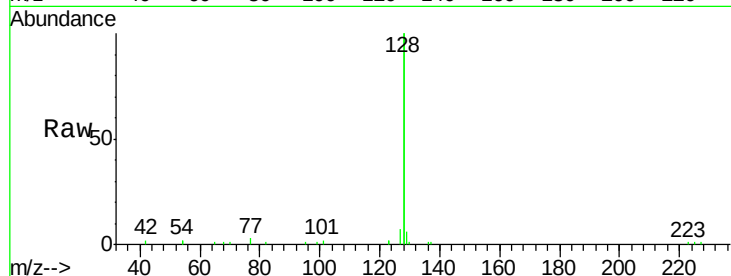
Tgt Ion:128 Resp: 36673

Ion Ratio Lower Upper

128 100

129 3.1 2.5 3.7

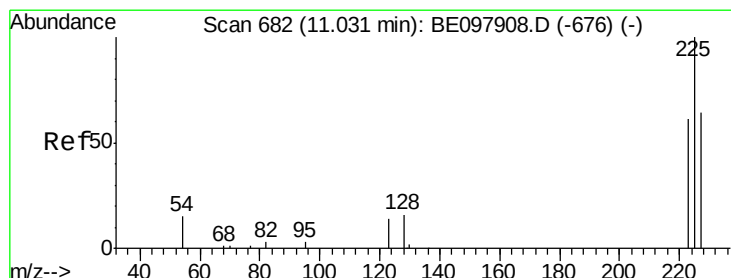
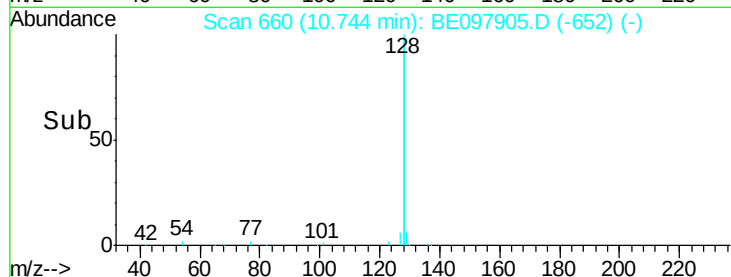
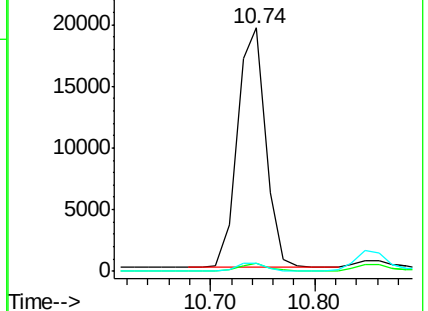
127 3.5 2.8 4.2



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: 0.392 ng

RT: 11.03 min Scan# 682

Delta R.T. -0.00 min

Lab File: BE097905.D

Acq: 16 Oct 2018 11:16

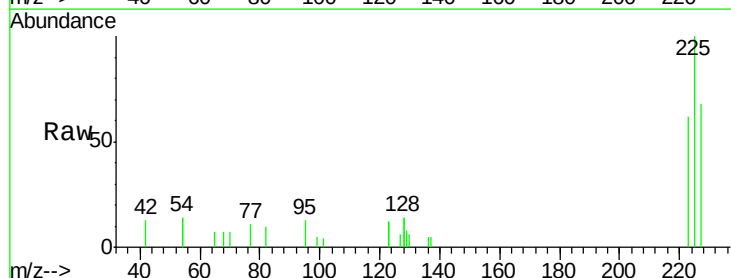
Tgt Ion:225 Resp: 1965

Ion Ratio Lower Upper

225 100

223 61.7 51.8 77.8

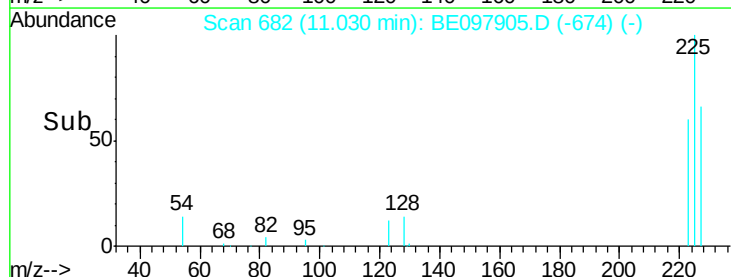
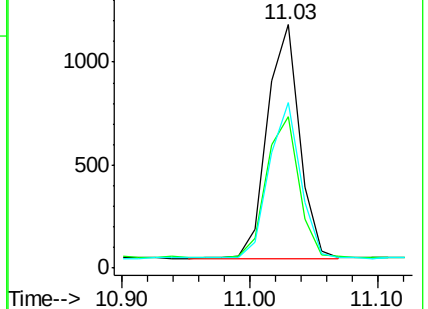
227 65.1 53.0 79.6

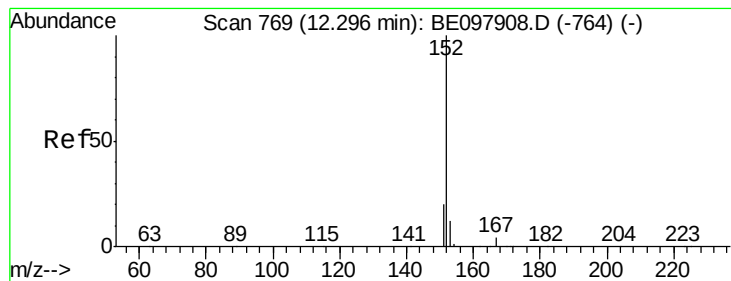


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

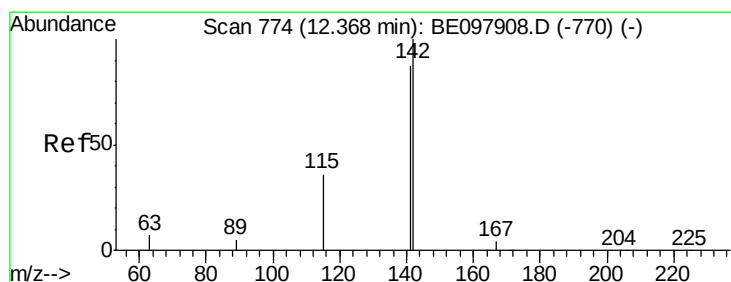
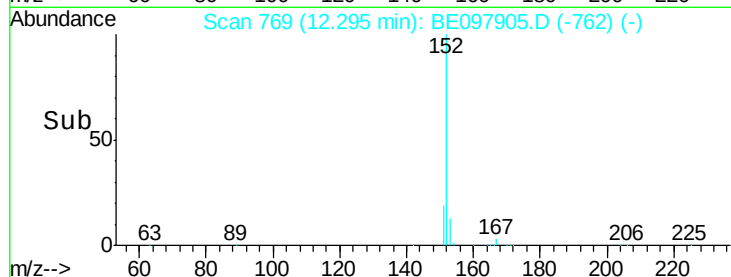
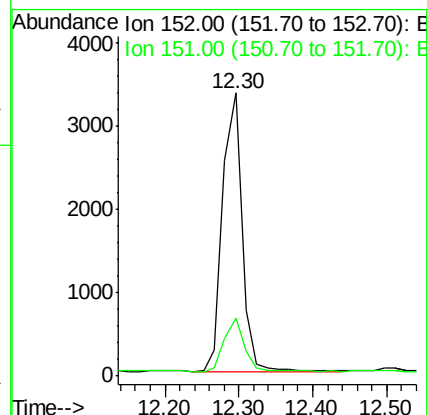
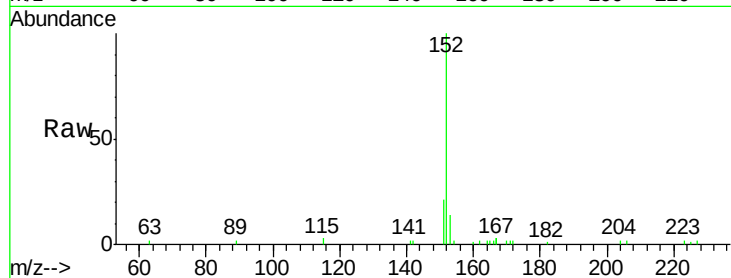




#11
 2-Methylnaphthalene-d10
 Concen: 0.393 ng
 RT: 12.30 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE097905.D
 Acq: 16 Oct 2018 11:16

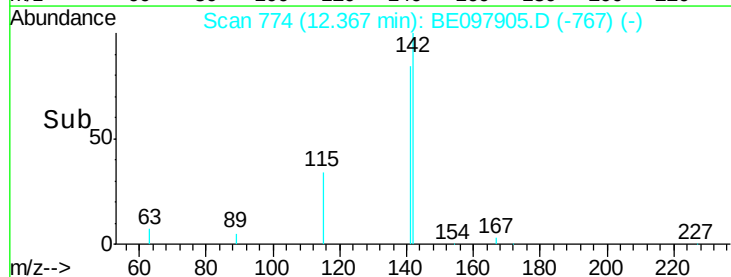
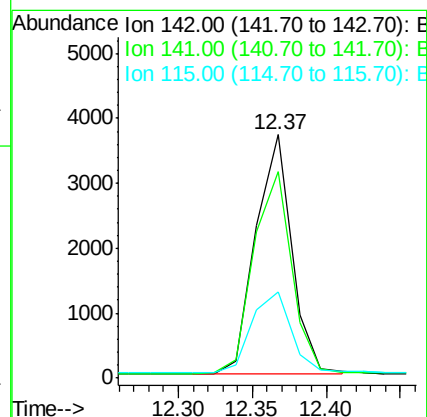
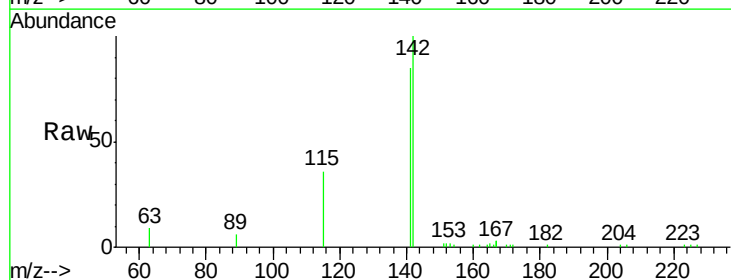
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

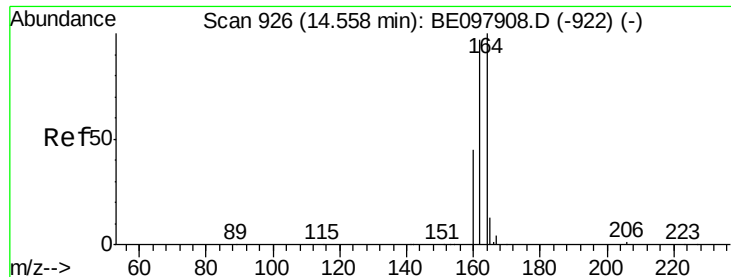
Tgt Ion:152 Resp: 6104
 Ion Ratio Lower Upper
 152 100
 151 19.5 16.2 24.4



#12
 2-Methylnaphthalene
 Concen: 0.391 ng
 RT: 12.37 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BE097905.D
 Acq: 16 Oct 2018 11:16

Tgt Ion:142 Resp: 6235
 Ion Ratio Lower Upper
 142 100
 141 84.6 69.8 104.6
 115 35.6 30.5 45.7

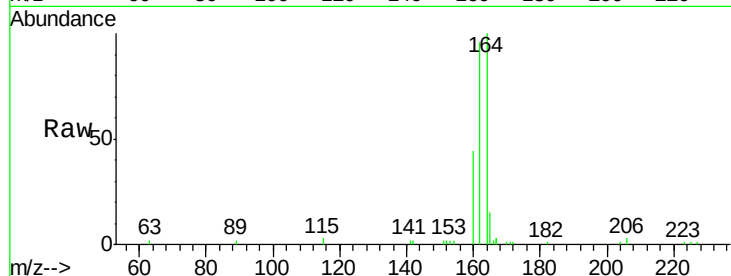




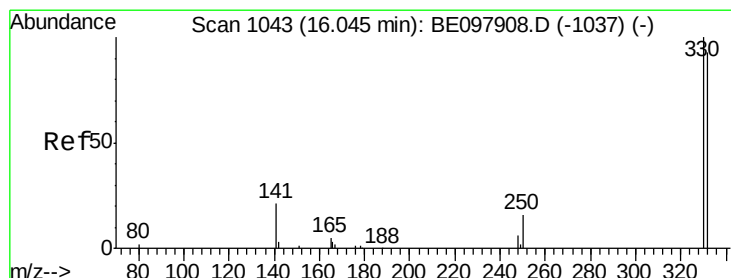
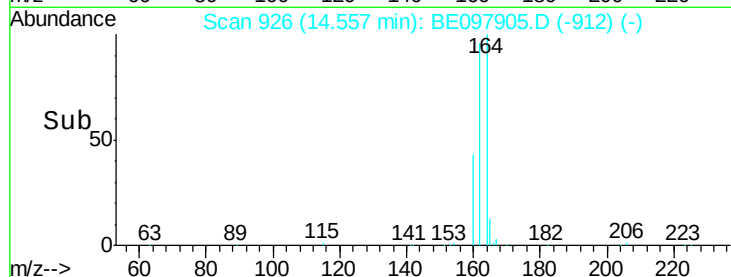
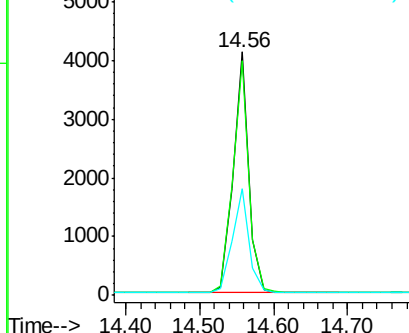
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.56 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BE097905.D
 Acq: 16 Oct 2018 11:16

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion:164 Resp: 5967
 Ion Ratio Lower Upper
 164 100
 162 96.2 77.4 116.2
 160 44.1 36.5 54.7

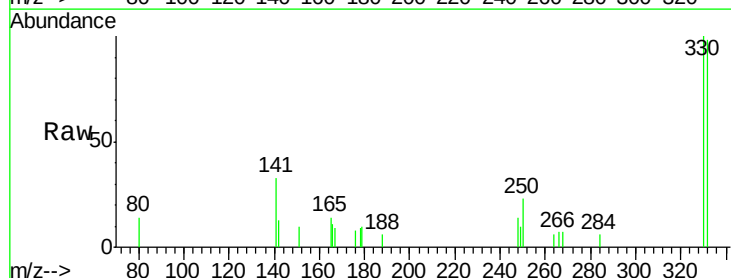


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

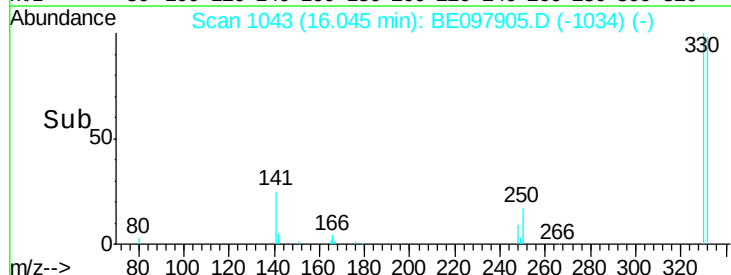
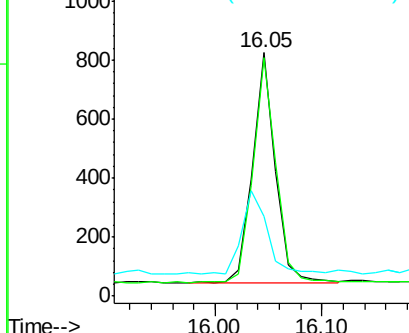


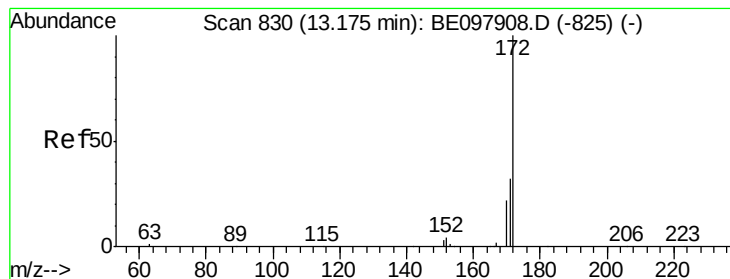
#14
 2,4,6-Tribromophenol
 Concen: 0.364 ng
 RT: 16.05 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BE097905.D
 Acq: 16 Oct 2018 11:16

Tgt Ion:330 Resp: 1168
 Ion Ratio Lower Upper
 330 100
 332 99.7 76.5 114.7
 141 38.8 31.8 47.6



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: 0.378 ng

RT: 13.17 min Scan# 830

Delta R.T. -0.00 min

Lab File: BE097905.D

Acq: 16 Oct 2018 11:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

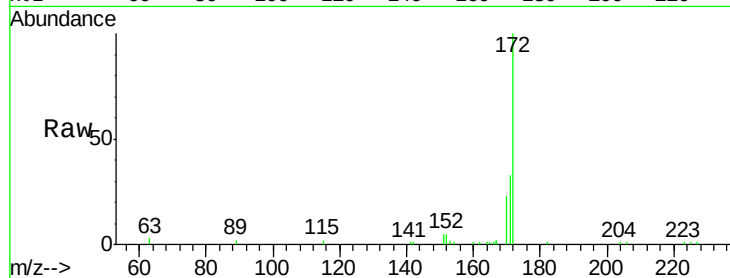
Tgt Ion:172 Resp: 9221

Ion Ratio Lower Upper

172 100

171 32.6 26.0 39.0

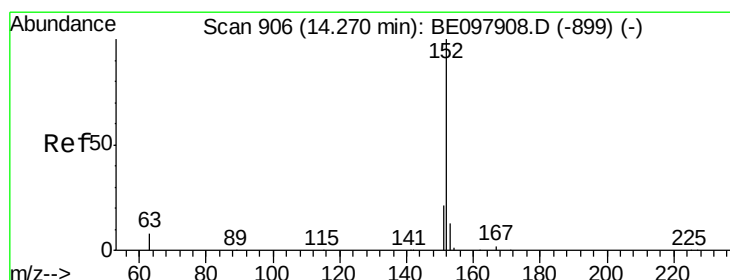
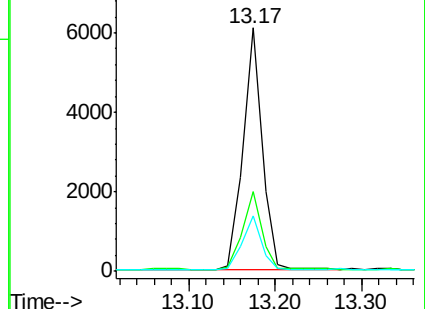
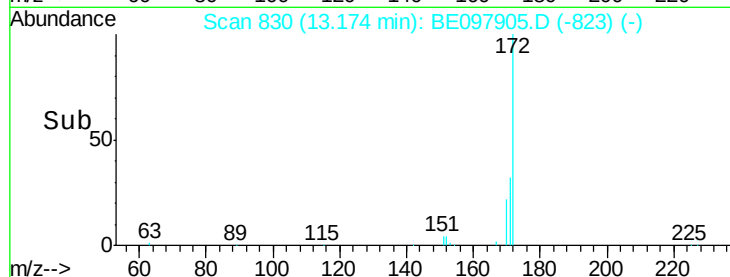
170 22.8 18.0 27.0



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: 0.380 ng

RT: 14.27 min Scan# 906

Delta R.T. -0.00 min

Lab File: BE097905.D

Acq: 16 Oct 2018 11:16

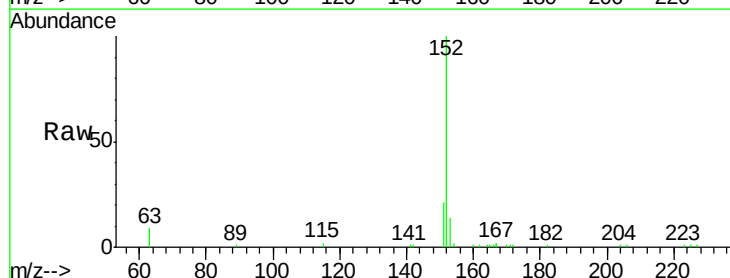
Tgt Ion:152 Resp: 10489

Ion Ratio Lower Upper

152 100

151 19.8 16.1 24.1

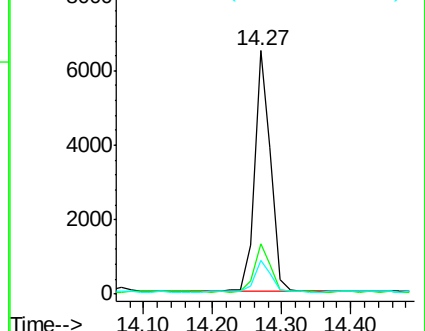
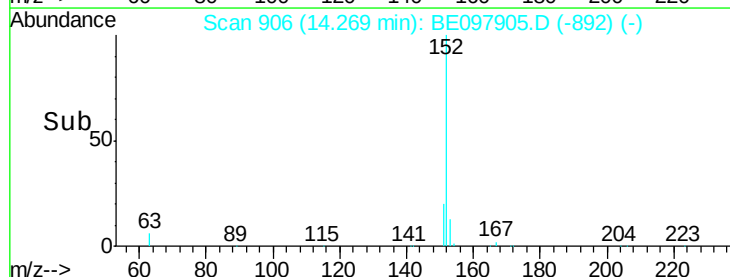
153 13.1 10.9 16.3

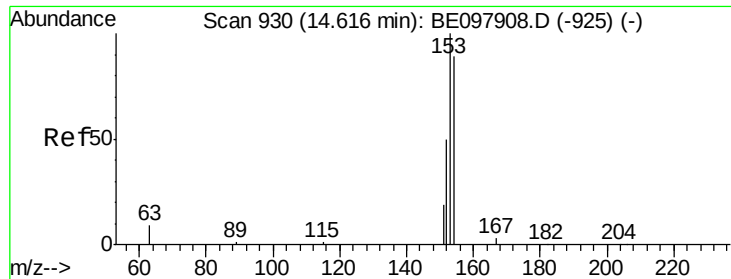


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

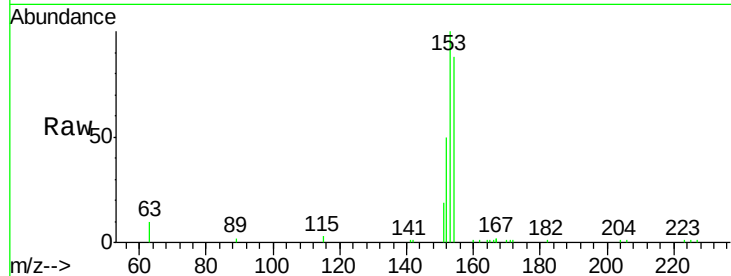




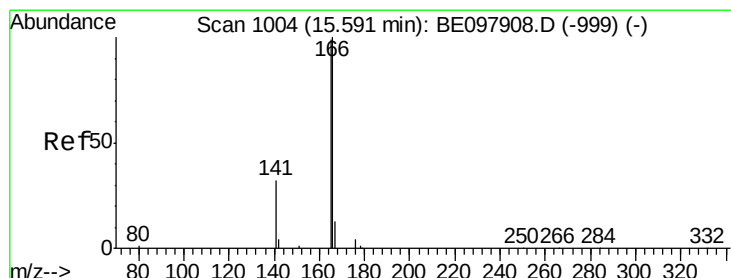
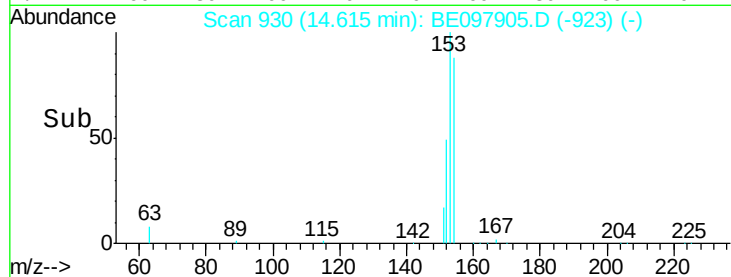
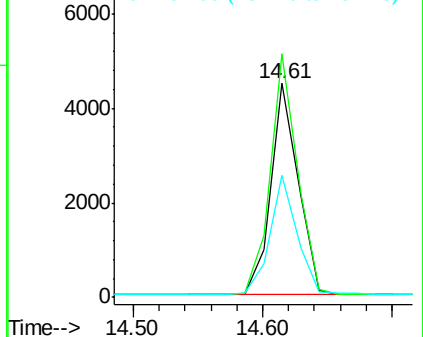
#17
Acenaphthene
Concen: 0.390 ng
RT: 14.61 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 6575
Ion Ratio Lower Upper
154 100
153 113.0 92.6 139.0
152 55.5 45.5 68.3

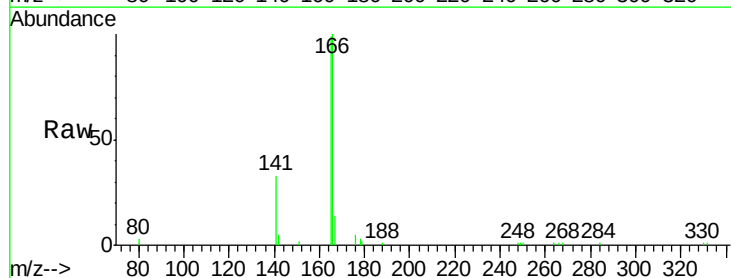


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

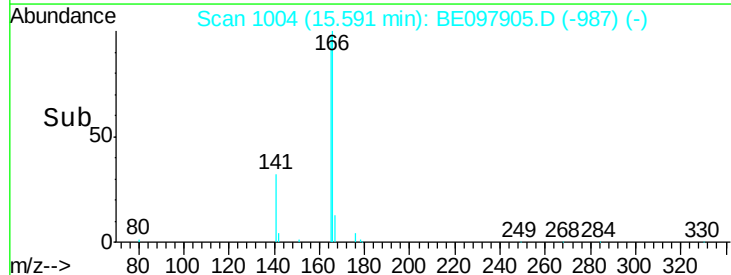
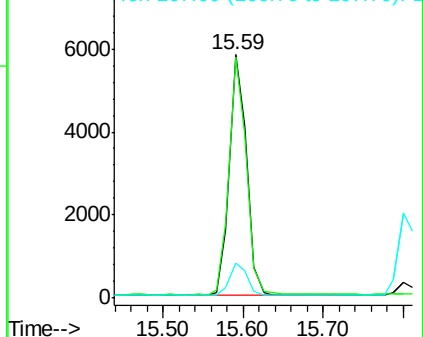


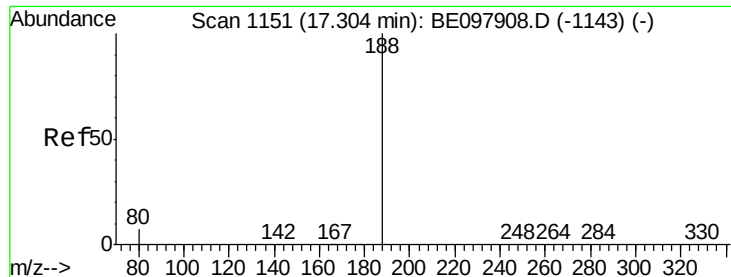
#18
Fluorene
Concen: 0.375 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Tgt Ion:166 Resp: 8684
Ion Ratio Lower Upper
166 100
165 98.1 78.2 117.4
167 13.9 11.0 16.6



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: 17.30 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE097905.D

Acq: 16 Oct 2018 11:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

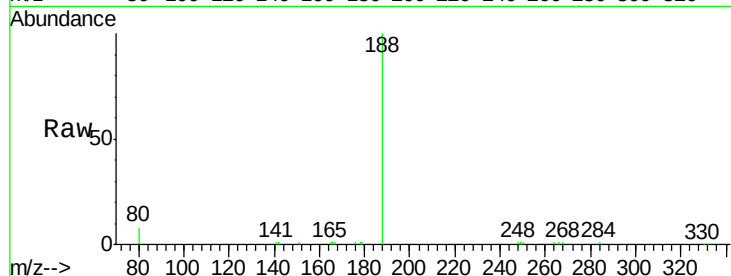
Tgt Ion:188 Resp: 15570

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

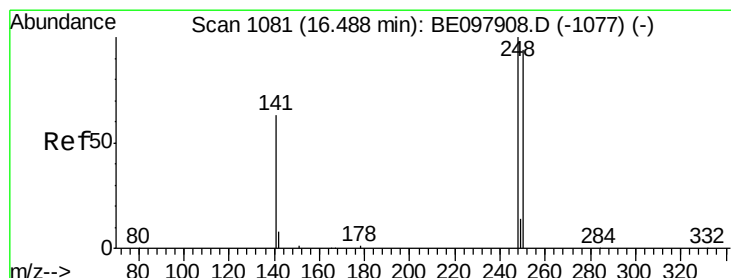
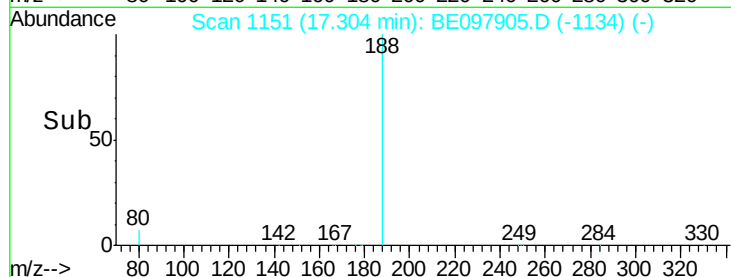
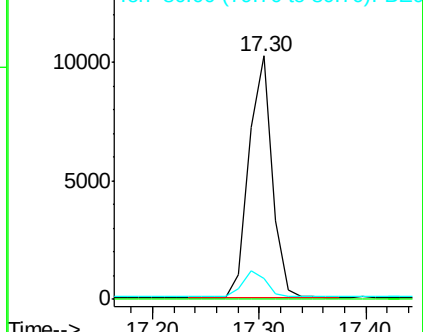
80 8.5 6.3 9.5



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: 0.384 ng

RT: 16.49 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BE097905.D

Acq: 16 Oct 2018 11:16

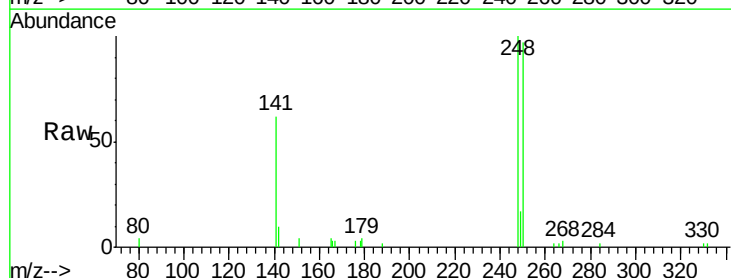
Tgt Ion:248 Resp: 3269

Ion Ratio Lower Upper

248 100

250 96.5 75.1 112.7

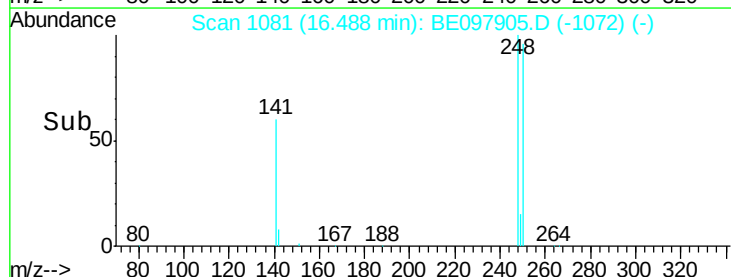
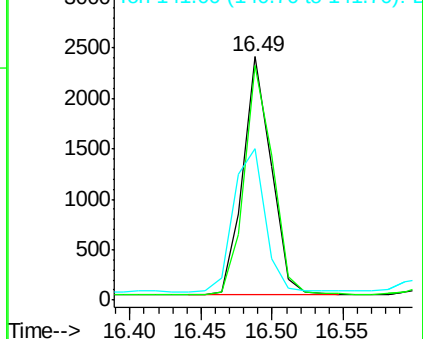
141 62.4 51.8 77.8

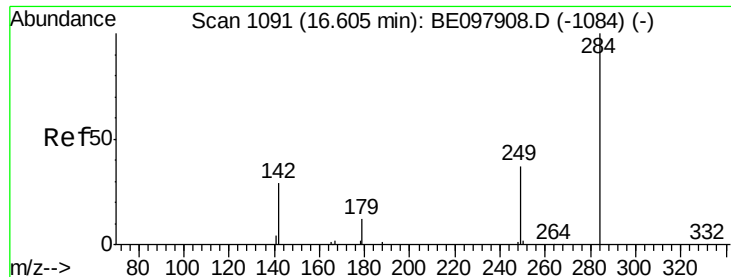


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

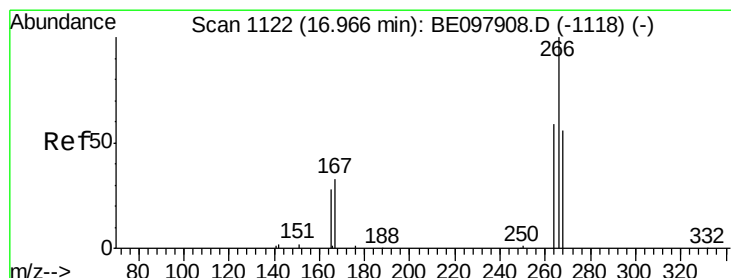
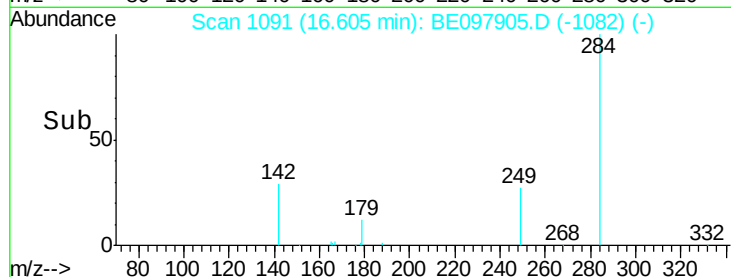
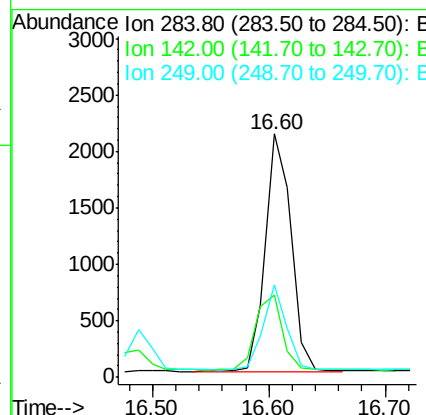
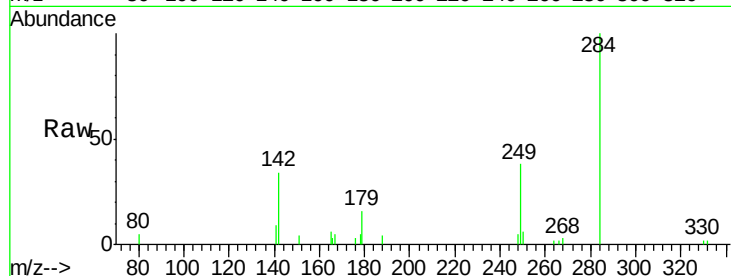




#21
Hexachlorobenzene
Concen: 0.387 ng
RT: 16.60 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

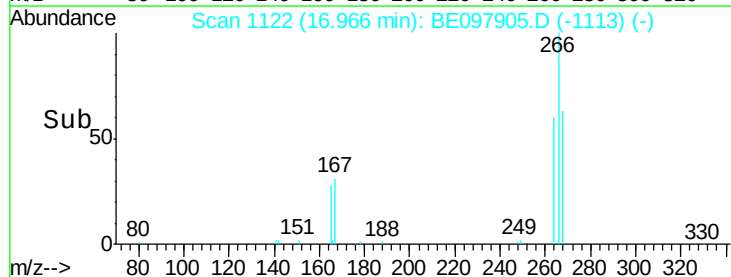
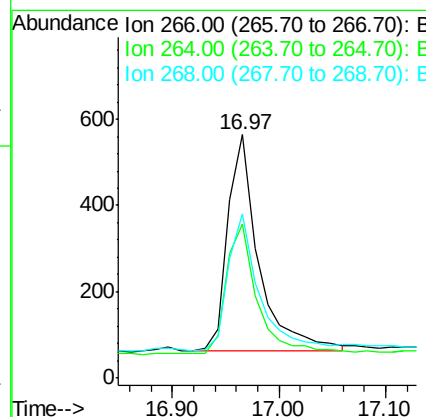
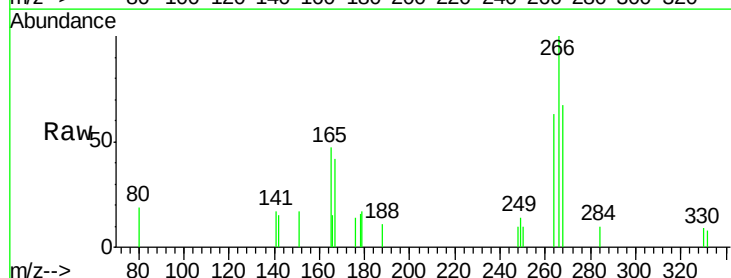
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

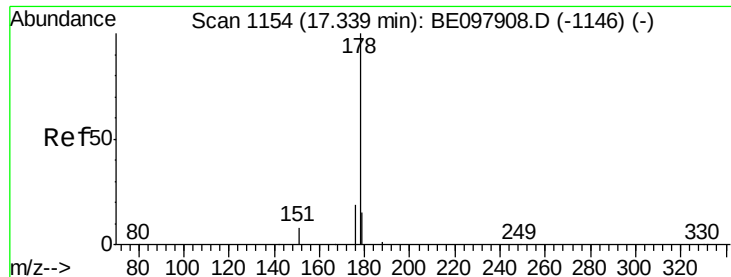
Tgt Ion: 284 Resp: 3238
Ion Ratio Lower Upper
284 100
142 33.6 25.9 38.9
249 33.8 26.6 40.0



#22
Pentachlorophenol
Concen: 0.483 ng
RT: 16.97 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Tgt Ion: 266 Resp: 1010
Ion Ratio Lower Upper
266 100
264 63.1 51.3 76.9
268 67.4 50.1 75.1





#23

Phenanthrene

Concen: 0.371 ng

RT: 17.34 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097905.D

Acq: 16 Oct 2018 11:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

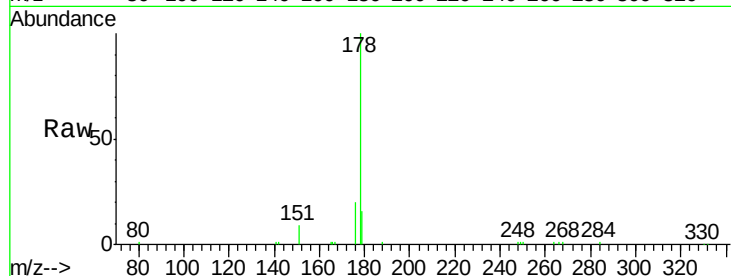
Tgt Ion:178 Resp: 14674

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

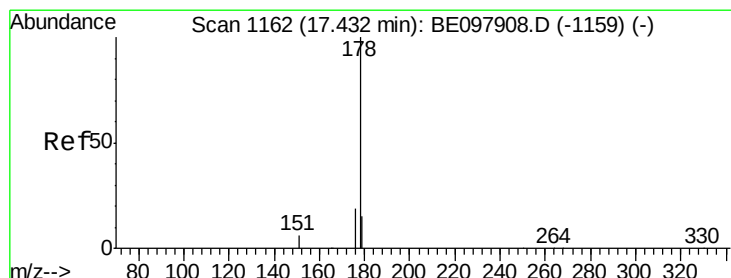
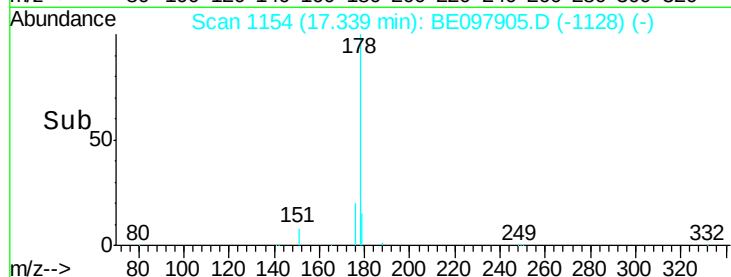
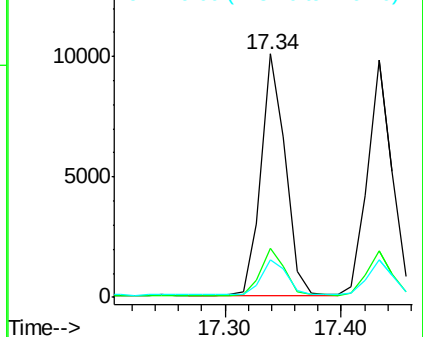
179 16.1 12.2 18.4



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: 0.378 ng

RT: 17.43 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BE097905.D

Acq: 16 Oct 2018 11:16

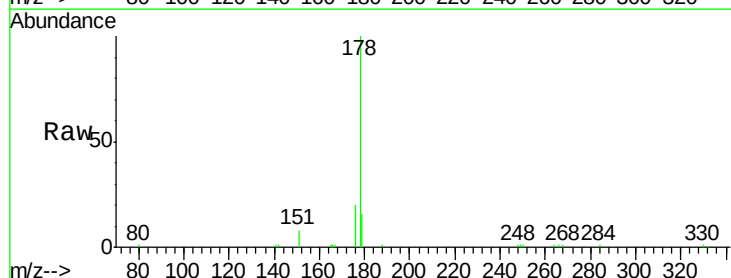
Tgt Ion:178 Resp: 14136

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

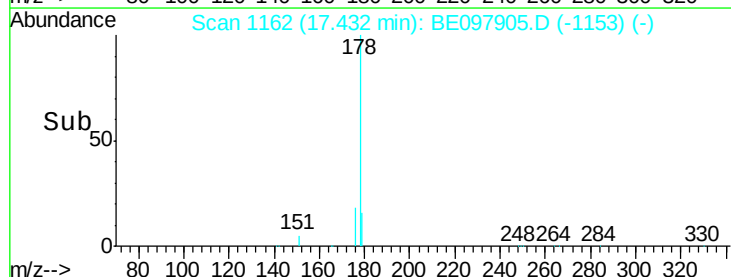
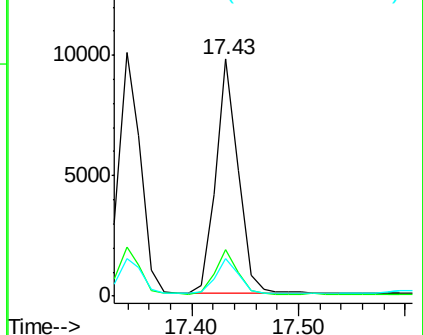
179 15.0 11.9 17.9

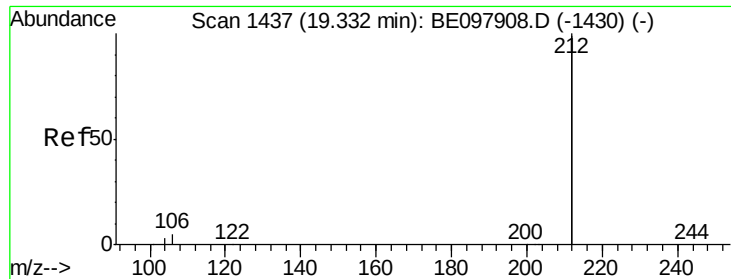


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.375 ng

RT: 19.33 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BE097905.D

Acq: 16 Oct 2018 11:16

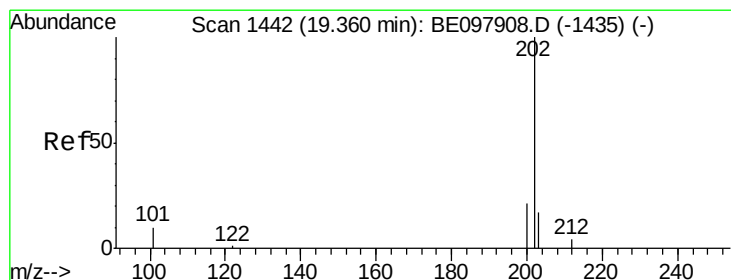
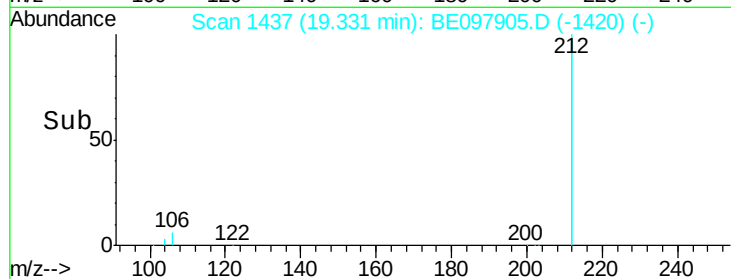
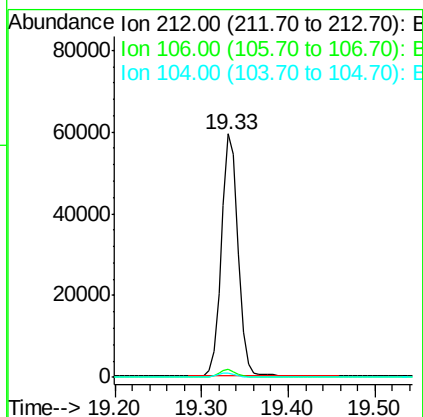
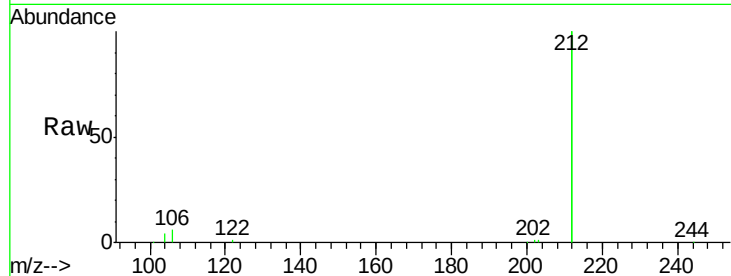
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:	212	Resp:	79174
Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.3	3.5
104	1.7	1.3	1.9



#26

Fluoranthene

Concen: 0.374 ng

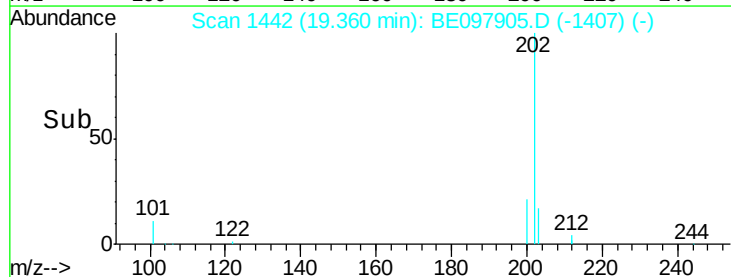
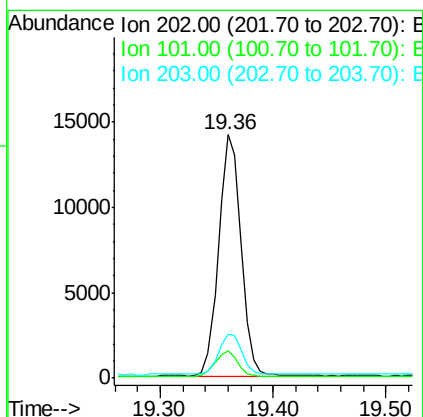
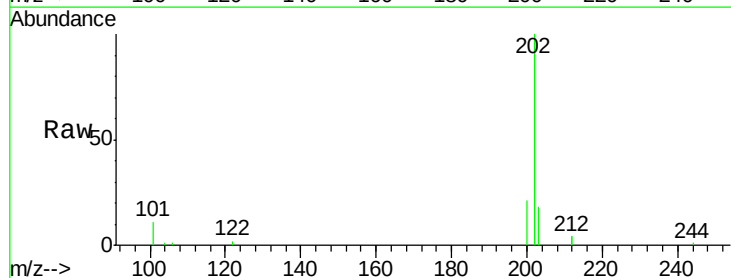
RT: 19.36 min Scan# 1442

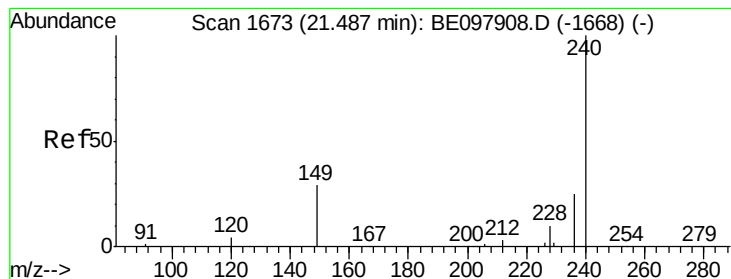
Delta R.T. -0.00 min

Lab File: BE097905.D

Acq: 16 Oct 2018 11:16

Tgt Ion:	202	Resp:	19411
Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.2	12.2
203	17.2	15.0	22.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.49 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BE097905.D

Acq: 16 Oct 2018 11:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

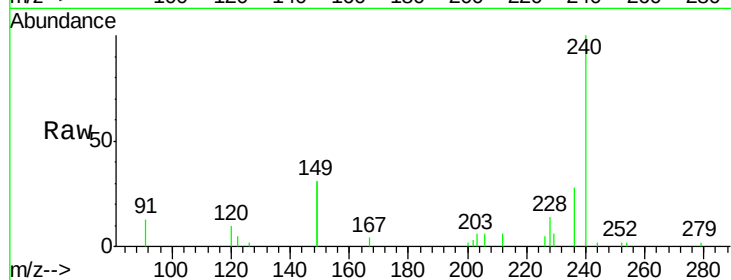
Tgt Ion:240 Resp: 19787

Ion Ratio Lower Upper

240 100

120 10.2 7.1 10.7

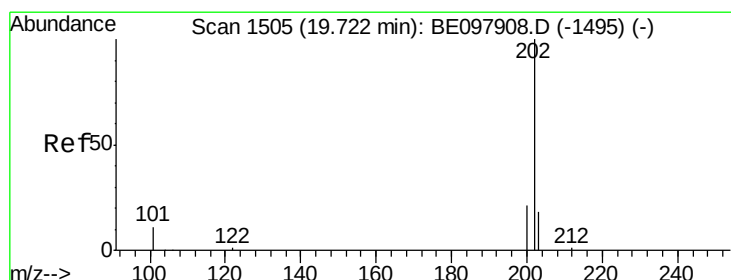
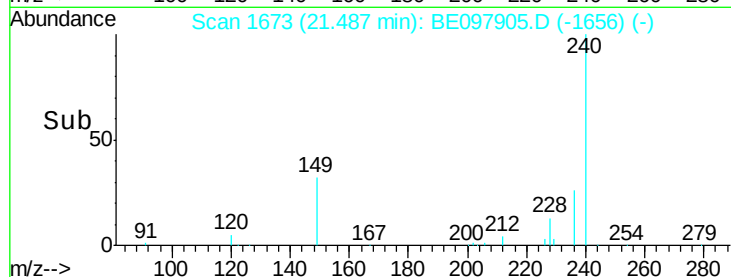
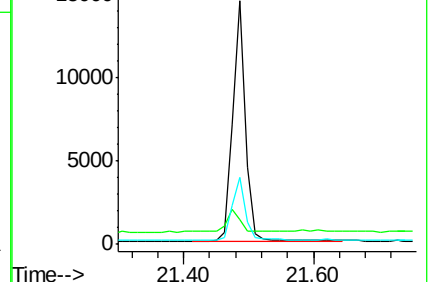
236 27.5 21.3 31.9



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: 0.368 ng

RT: 19.72 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BE097905.D

Acq: 16 Oct 2018 11:16

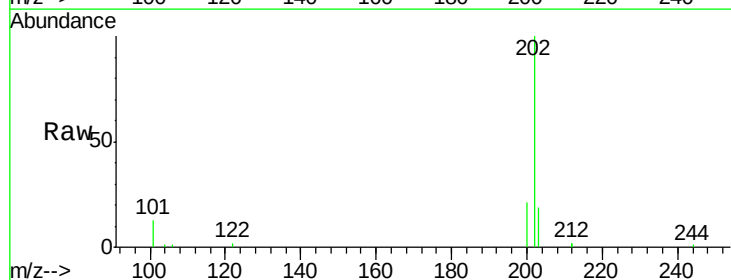
Tgt Ion:202 Resp: 20987

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

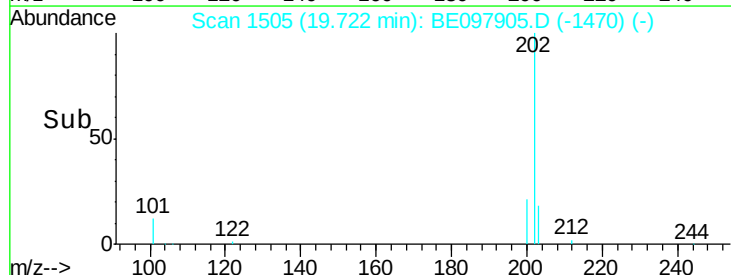
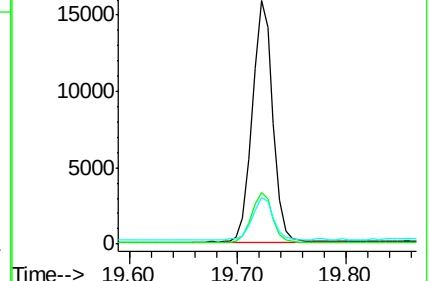
203 17.5 14.2 21.4

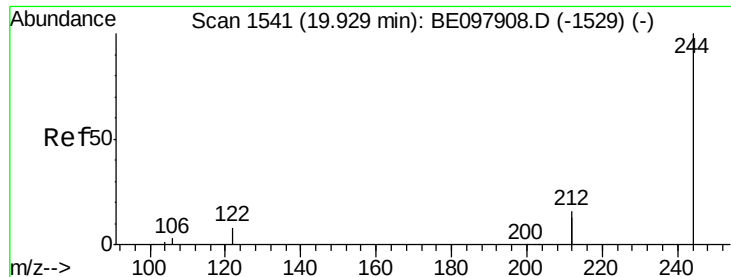


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

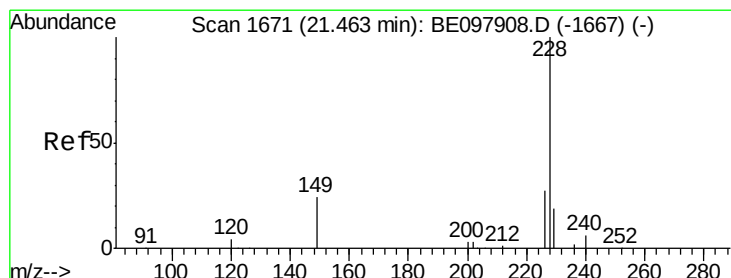
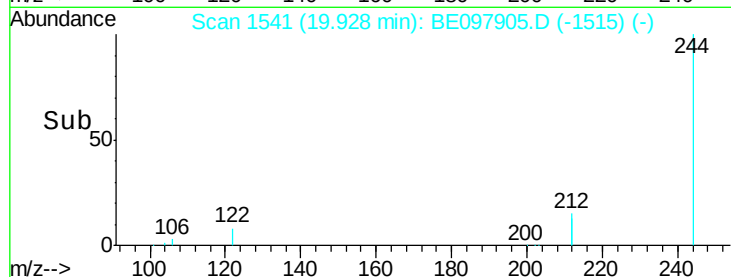
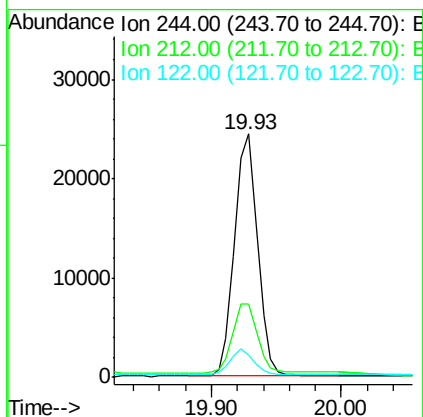
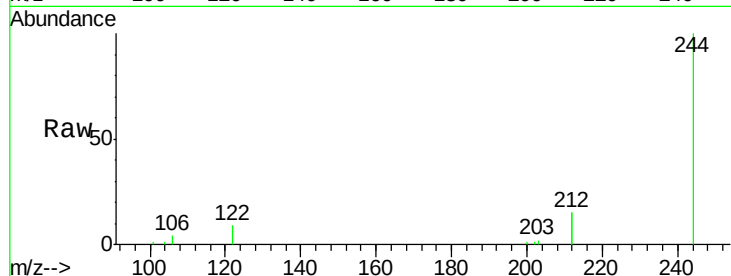




#29
 Terphenyl-d14
 Concen: 0.662 ng
 RT: 19.93 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BE097905.D
 Acq: 16 Oct 2018 11:16

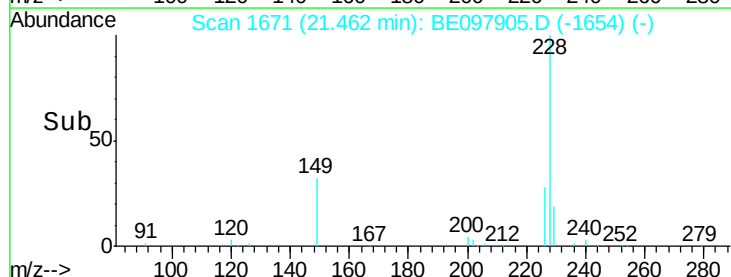
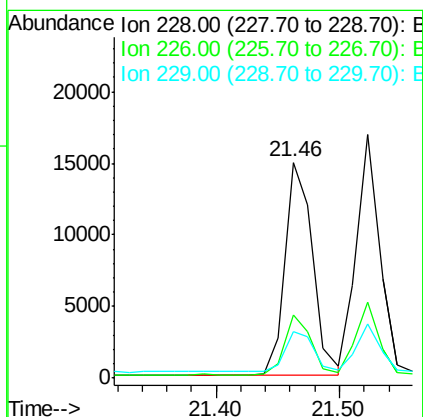
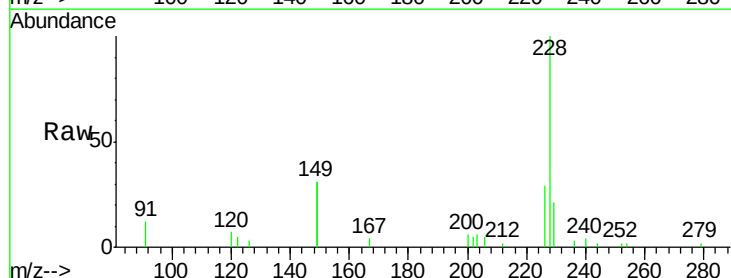
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

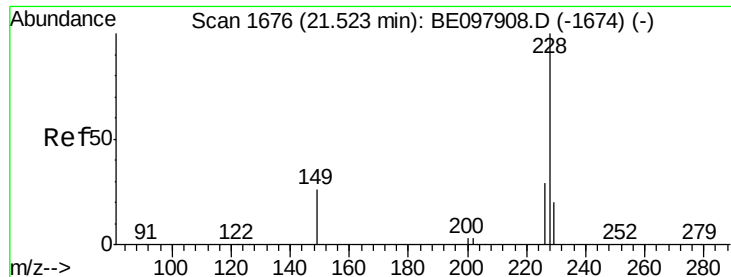
Tgt Ion: 244 Resp: 30024
 Ion Ratio Lower Upper
 244 100
 212 30.2 26.2 39.2
 122 9.3 7.7 11.5



#30
 Benzo(a)anthracene
 Concen: 0.381 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE097905.D
 Acq: 16 Oct 2018 11:16

Tgt Ion: 228 Resp: 23129
 Ion Ratio Lower Upper
 228 100
 226 29.1 22.6 33.8
 229 21.3 16.9 25.3





#31

Chrysene

Concen: 0.382 ng

RT: 21.52 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BE097905.D

Acq: 16 Oct 2018 11:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

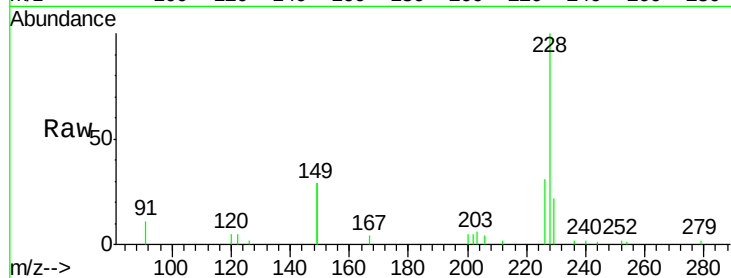
Tgt Ion:228 Resp: 21969

Ion Ratio Lower Upper

228 100

226 31.2 24.3 36.5

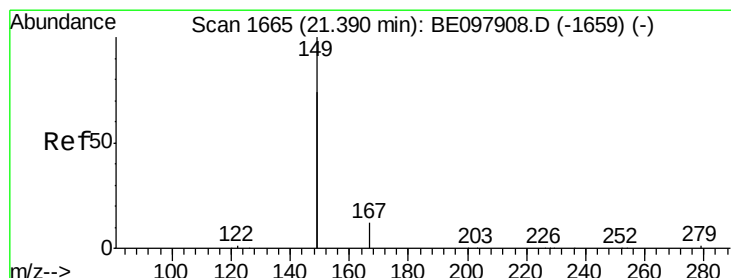
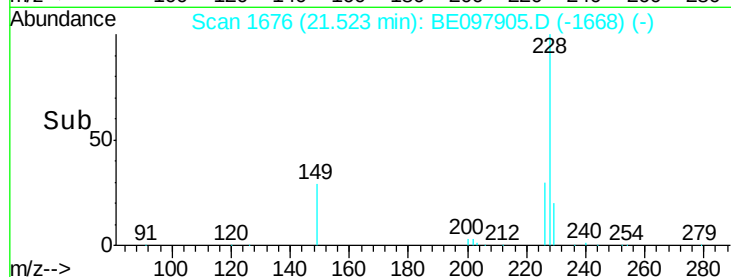
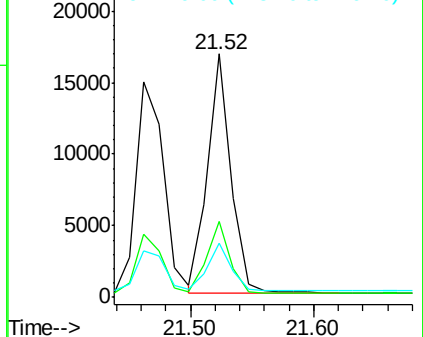
229 22.1 17.3 25.9



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: 0.502 ng

RT: 21.39 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BE097905.D

Acq: 16 Oct 2018 11:16

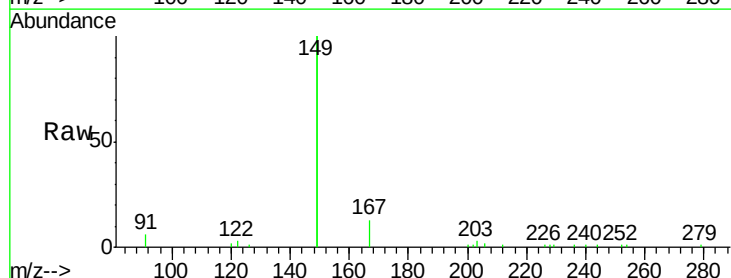
Tgt Ion:149 Resp: 66808

Ion Ratio Lower Upper

149 100

167 7.4 5.6 8.4

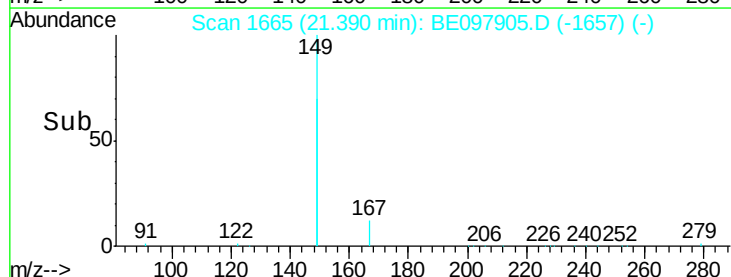
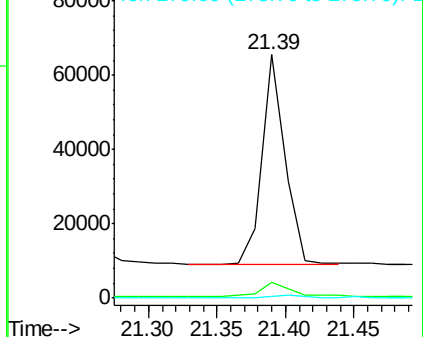
279 1.2 0.9 1.3

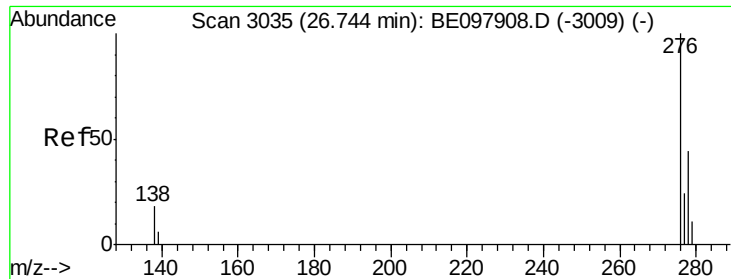


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.406 ng

RT: 26.75 min Scan# 3035

Delta R.T. 0.00 min

Lab File: BE097905.D

Acq: 16 Oct 2018 11:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

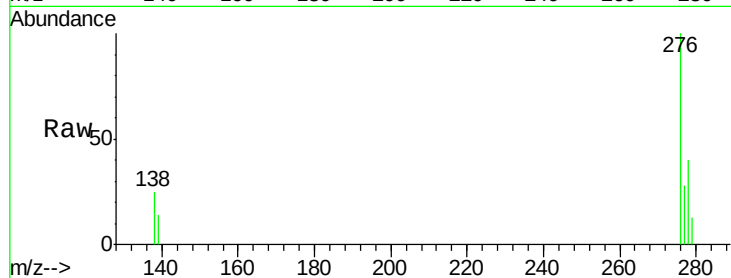
Tgt Ion:276 Resp: 25632

Ion Ratio Lower Upper

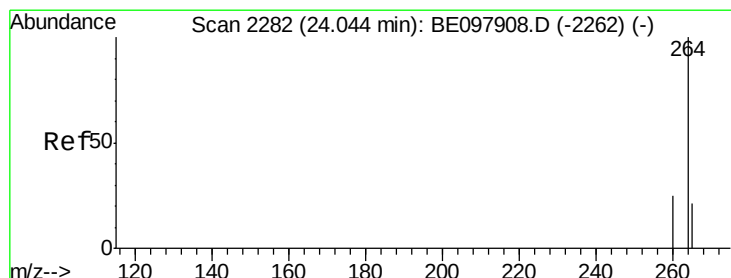
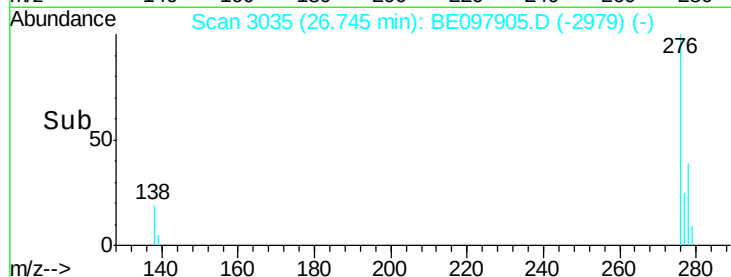
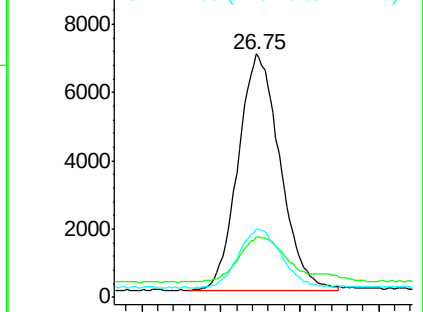
276 100

138 21.5 17.0 25.6

277 25.7 20.5 30.7



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: 24.04 min Scan# 2282

Delta R.T. -0.00 min

Lab File: BE097905.D

Acq: 16 Oct 2018 11:16

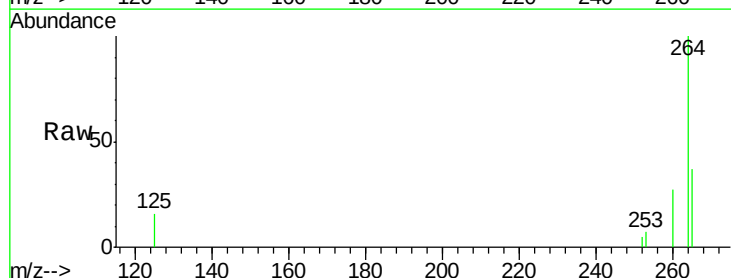
Tgt Ion:264 Resp: 19990

Ion Ratio Lower Upper

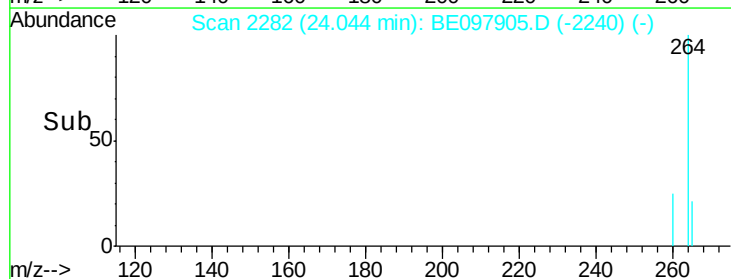
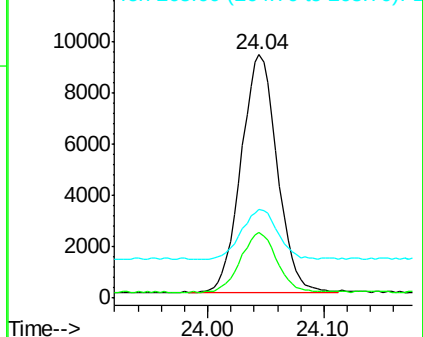
264 100

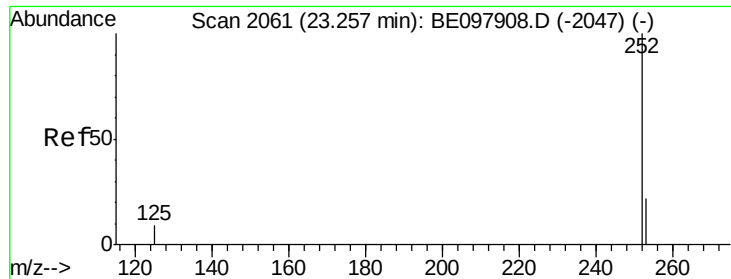
260 26.9 21.1 31.7

265 36.7 29.2 43.8



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

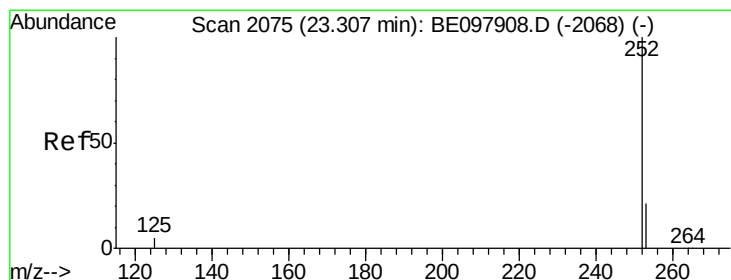
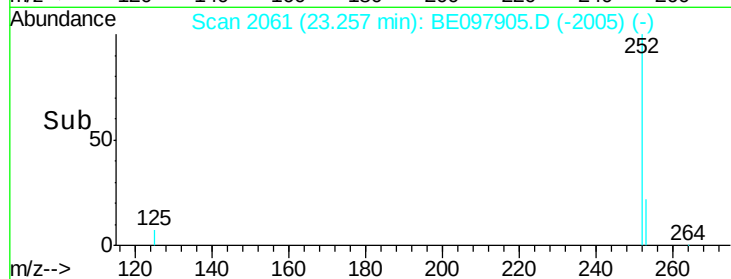
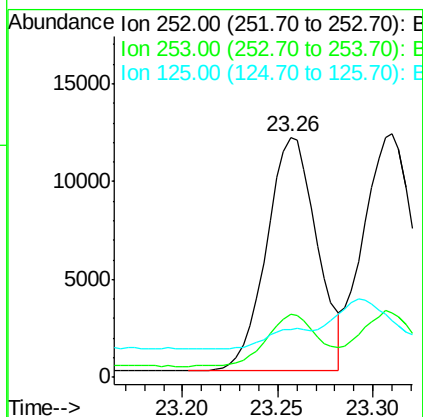
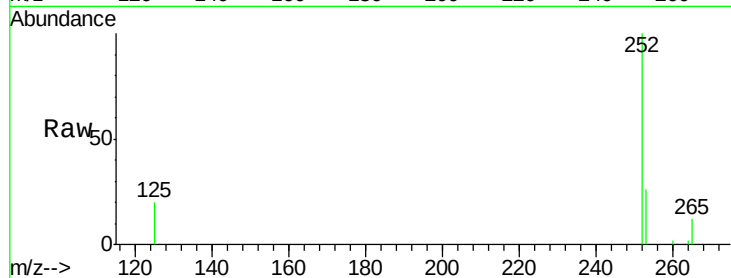




#35
Benzo(b)fluoranthene
Concen: 0.382 ng
RT: 23.26 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

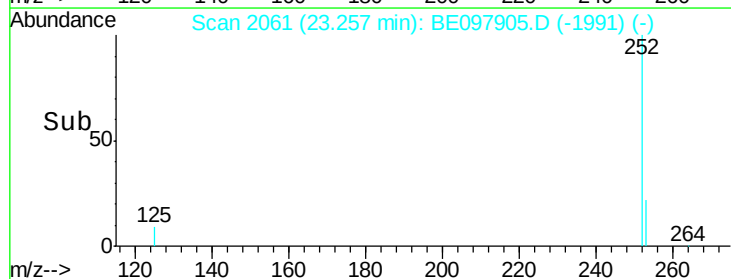
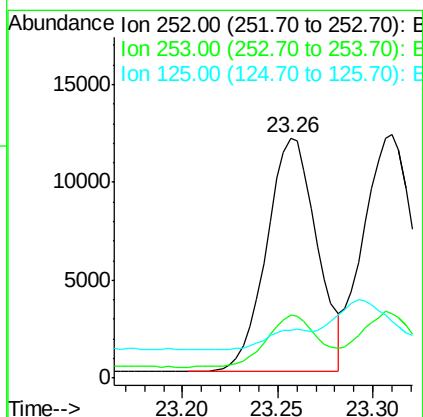
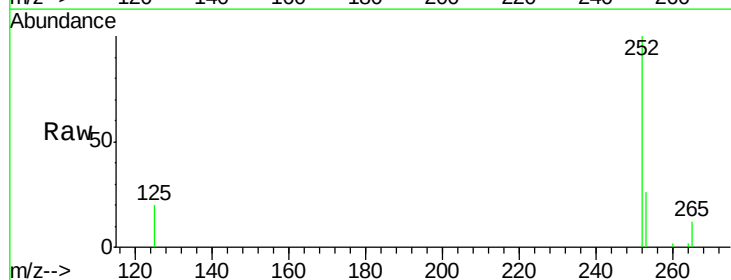
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

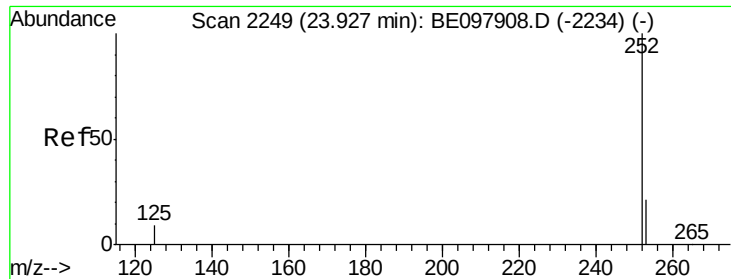
Tgt Ion:252 Resp: 21991
Ion Ratio Lower Upper
252 100
253 26.1 20.6 31.0
125 20.1 14.3 21.5



#36
Benzo(k)fluoranthene
Concen: 0.367 ng
RT: 23.26 min Scan# 2061
Delta R.T. -0.05 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Tgt Ion:252 Resp: 21991
Ion Ratio Lower Upper
252 100
253 26.1 20.4 30.6
125 20.1 14.6 21.8





#37

Benzo(a)pyrene

Concen: 0.390 ng

RT: 23.93 min Scan# 2249

Delta R.T. -0.00 min

Lab File: BE097905.D

Acq: 16 Oct 2018 11:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

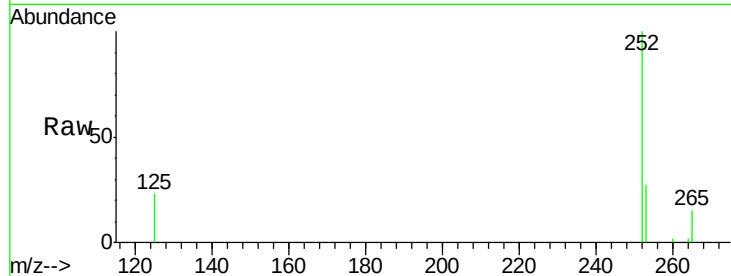
Tgt Ion:252 Resp: 21881

Ion Ratio Lower Upper

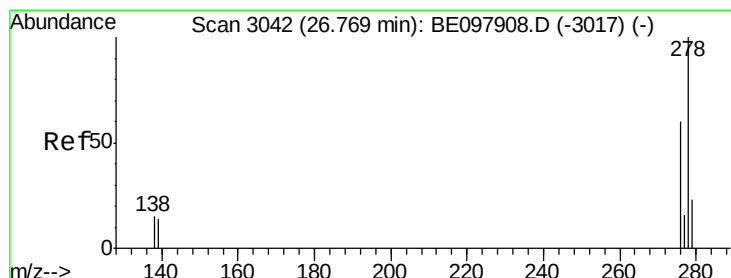
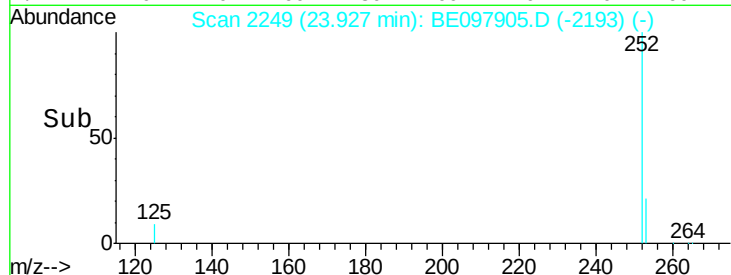
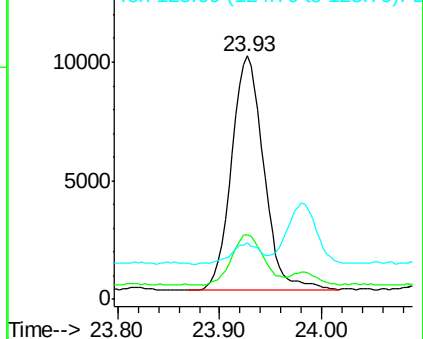
252 100

253 26.7 20.6 31.0

125 23.1 15.6 23.4



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: 0.391 ng

RT: 26.77 min Scan# 3042

Delta R.T. 0.00 min

Lab File: BE097905.D

Acq: 16 Oct 2018 11:16

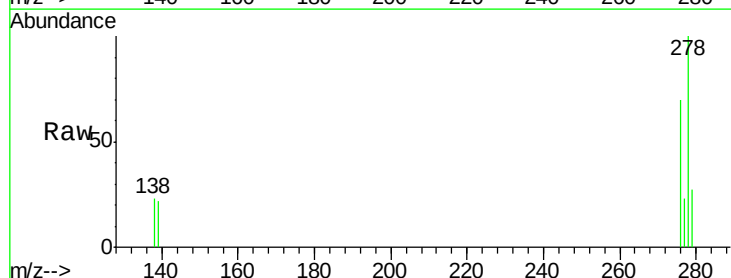
Tgt Ion:278 Resp: 21489

Ion Ratio Lower Upper

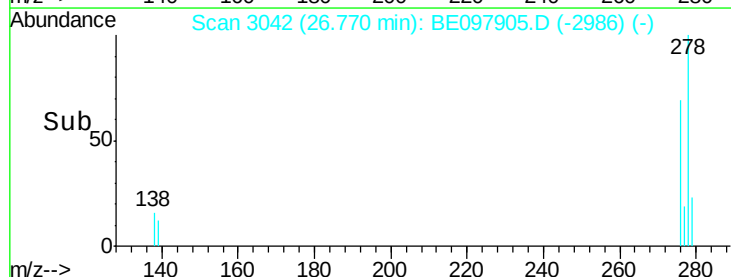
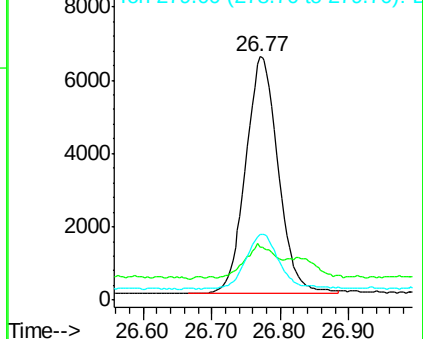
278 100

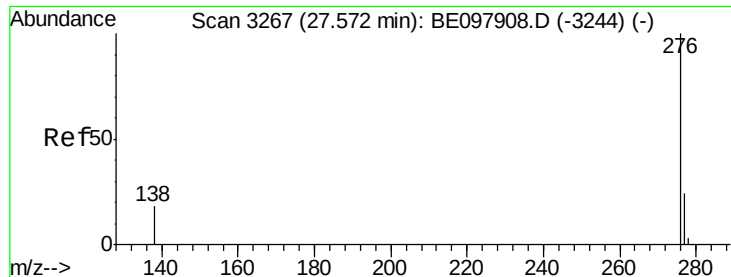
139 21.7 16.3 24.5

279 27.0 21.4 32.2



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: 0.382 ng

RT: 27.58 min Scan# 3269

Delta R.T. 0.01 min

Lab File: BE097905.D

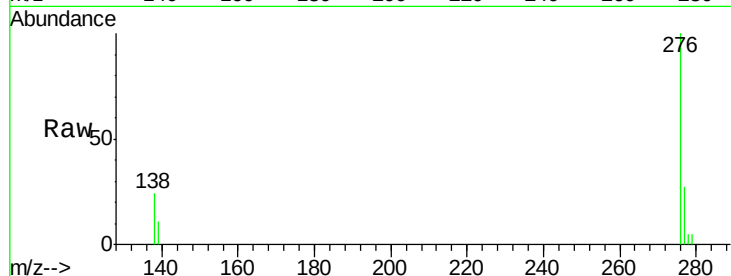
Acq: 16 Oct 2018 11:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 21514

Ion Ratio Lower Upper

276 100

277 27.5 22.1 33.1

138 24.3 19.3 28.9

