

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
 Data File : BE097909.D
 Acq On : 16 Oct 2018 13:52
 Operator : SJ/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: Oct 16 14:26:57 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 13:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	1698	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	7963	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	5036	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	13078	0.40	ng	0.00
27) Chrysene-d12	21.49	240	15877	0.40	ng	0.00
34) Perylene-d12	24.04	264	15991	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	4235	1.05	ng	0.00
5) Phenol-d6	7.06	99	6227	1.01	ng	0.00
8) Nitrobenzene-d5	9.04	82	5872	2.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	10182	0.80	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	2128	2.33	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	16056	0.72	ng	0.00
25) Fluoranthene-d10	19.33	212	135766	0.82	ng	0.00
29) Terphenyl-d14	19.92	244	27624	0.85	ng	0.00

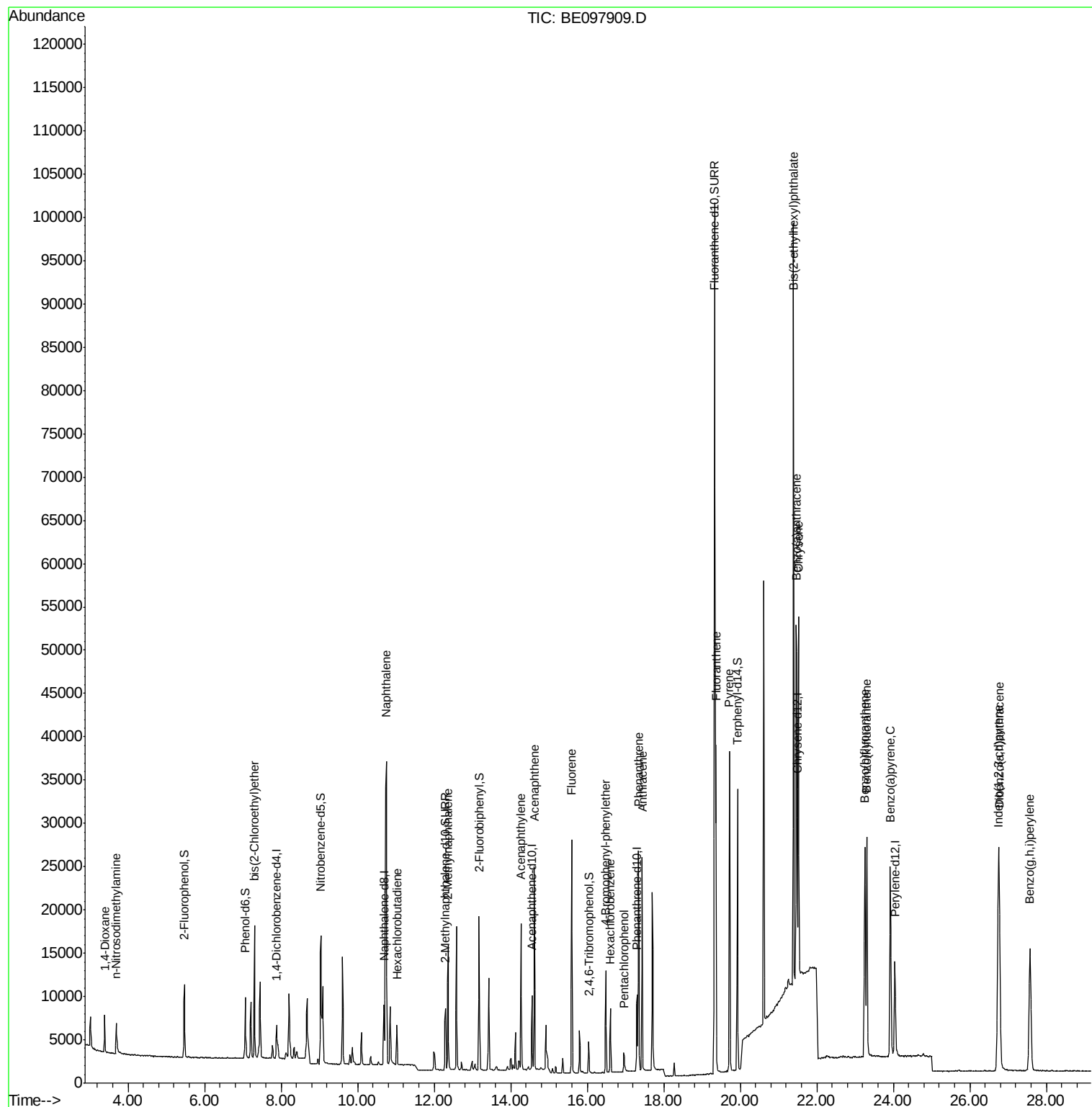
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	2429	0.718	ng	95
3) n-Nitrosodimethylamine	3.69	42	2542	0.826	ng	96
6) bis(2-Chloroethyl)ether	7.30	93	5295	0.831	ng	96
9) Naphthalene	10.74	128	62219	0.775	ng	100
10) Hexachlorobutadiene	11.03	225	3347	0.786	ng	98
12) 2-Methylnaphthalene	12.37	142	10635	0.828	ng	98
16) Acenaphthylene	14.27	152	18543	0.831	ng	99
17) Acenaphthene	14.61	154	11223	0.786	ng	99
18) Fluorene	15.59	166	15360	0.810	ng	99
20) 4-Bromophenyl-phenylether	16.49	248	5781	0.843	ng	94
21) Hexachlorobenzene	16.60	284	5648	0.732	ng	100
22) Pentachlorophenol	16.95	266	1479	1.221	ng	95
23) Phenanthrene	17.34	178	26228	0.778	ng	99
24) Anthracene	17.43	178	24884	0.855	ng	99
26) Fluoranthene	19.36	202	33188	0.773	ng	98
28) Pyrene	19.72	202	35302	0.875	ng	99
30) Benzo(a)anthracene	21.46	228	38465	0.901	ng	98
31) Chrysene	21.52	228	36115	0.757	ng	99
32) Bis(2-ethylhexyl)phthalate	21.39	149	91729	2.938	ng	100
33) Indeno(1,2,3-cd)pyrene	26.74	276	41437	1.000	ng	99
35) Benzo(b)fluoranthene	23.26	252	35337	0.805	ng	# 93
36) Benzo(k)fluoranthene	23.31	252	37481	0.770	ng	# 92
37) Benzo(a)pyrene	23.92	252	35286	0.888	ng	# 93
38) Dibenzo(a,h)anthracene	26.77	278	34501	0.882	ng	95
39) Benzo(g,h,i)perylene	27.57	276	34496	0.842	ng	94

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

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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: BE097909.D

Acq: 16 Oct 2018 13:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

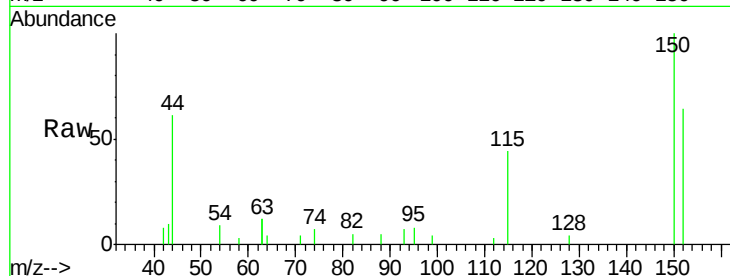
Tgt Ion: 152 Resp: 1698

Ion Ratio Lower Upper

152 100

150 155.2 118.2 177.4

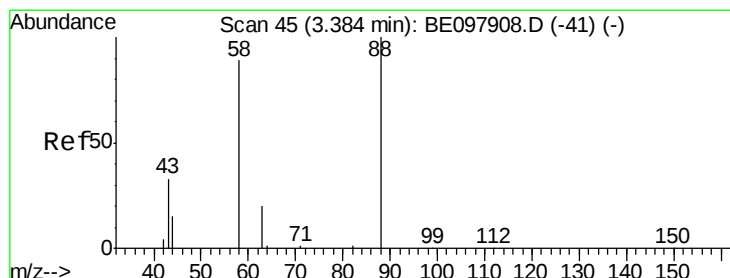
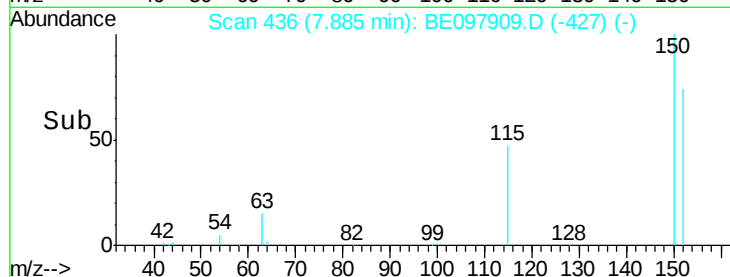
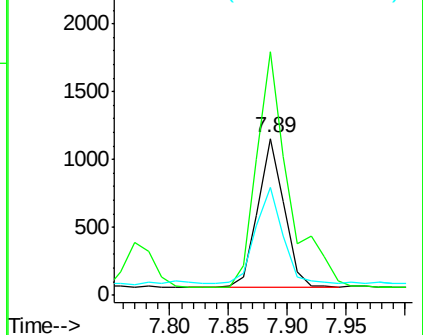
115 68.7 50.9 76.3



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: 0.718 ng

RT: 3.38 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE097909.D

Acq: 16 Oct 2018 13:52

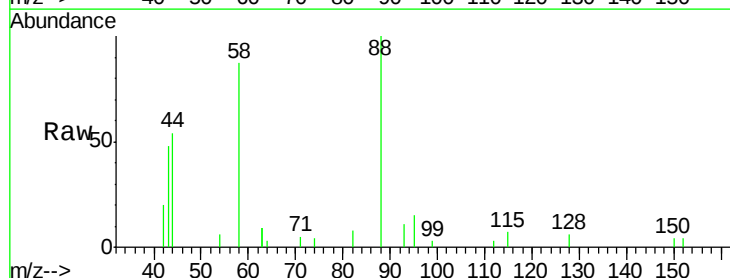
Tgt Ion: 88 Resp: 2429

Ion Ratio Lower Upper

88 100

58 89.2 73.2 109.8

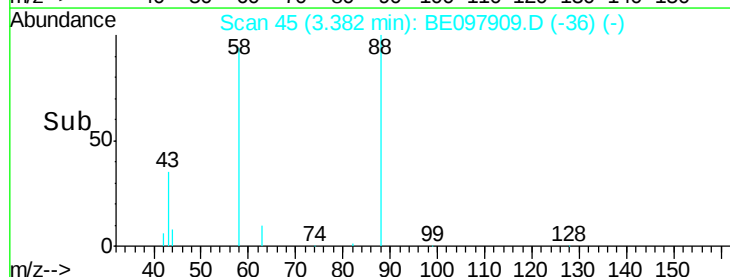
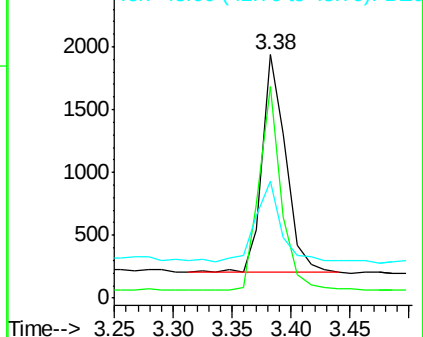
43 39.4 36.9 55.3



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: 0.826 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE097909.D

Acq: 16 Oct 2018 13:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.8

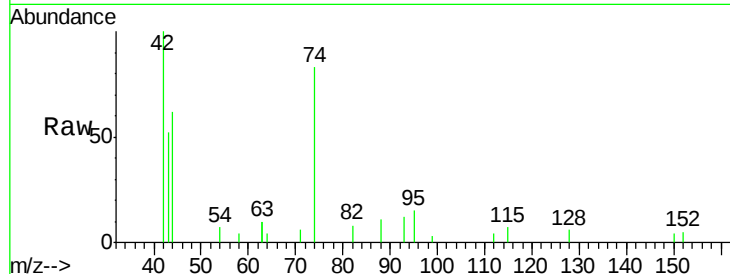
Tgt Ion: 42 Resp: 2542

Ion Ratio Lower Upper

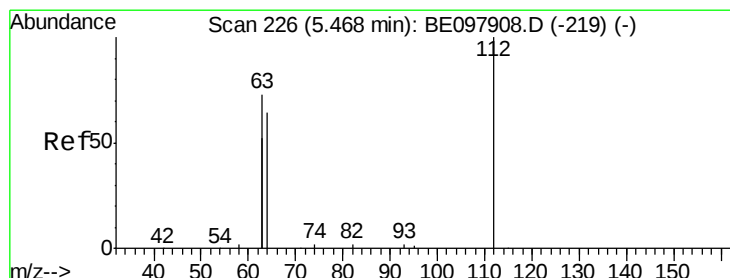
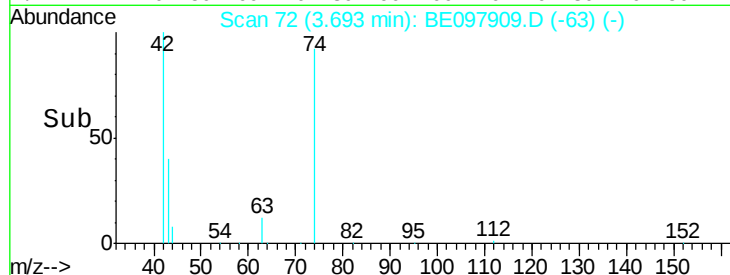
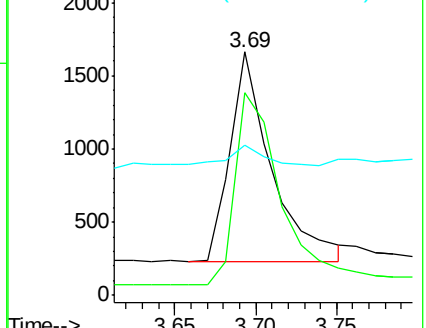
42 100

74 100.8 77.6 116.4

44 9.3 7.6 11.4



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: 1.054 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097909.D

Acq: 16 Oct 2018 13:52

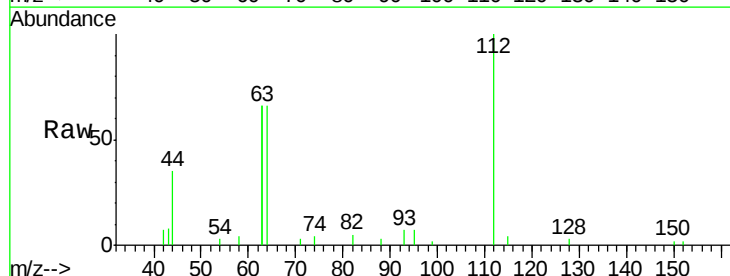
Tgt Ion: 112 Resp: 4235

Ion Ratio Lower Upper

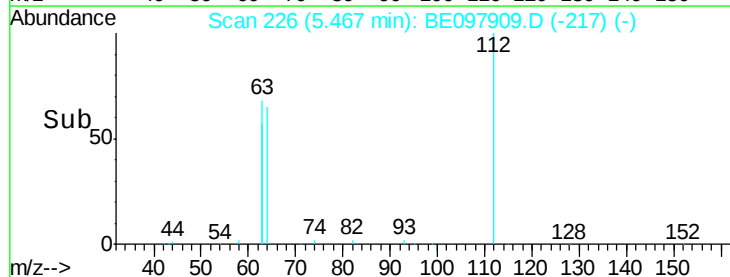
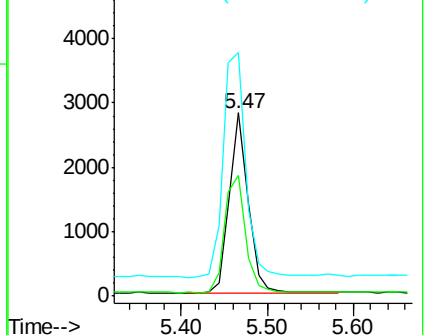
112 100

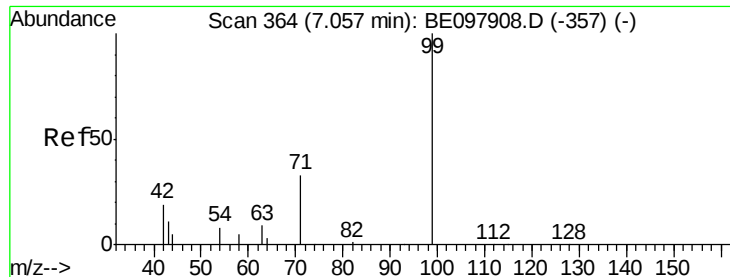
64 74.0 58.9 88.3

63 149.8 120.3 180.5



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: 1.011 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE097909.D

Acq: 16 Oct 2018 13:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

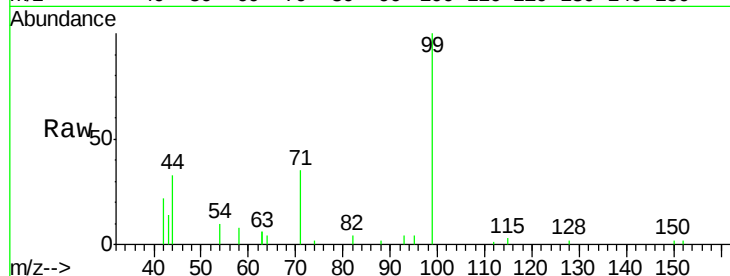
Tgt Ion: 99 Resp: 6227

Ion Ratio Lower Upper

99 100

42 25.4 19.9 29.9

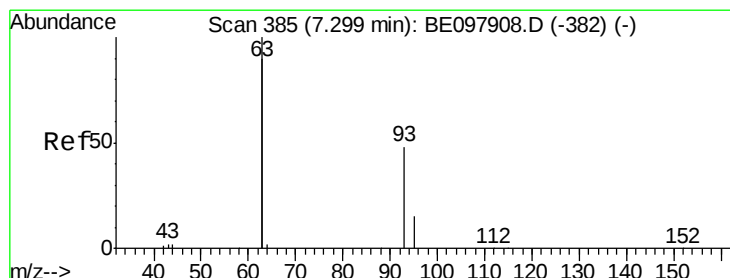
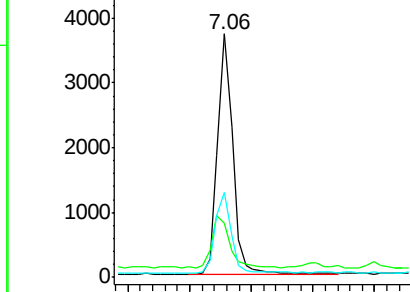
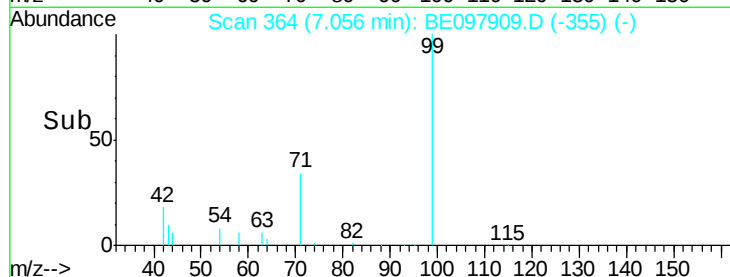
71 35.5 27.8 41.8



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: 0.831 ng

RT: 7.30 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE097909.D

Acq: 16 Oct 2018 13:52

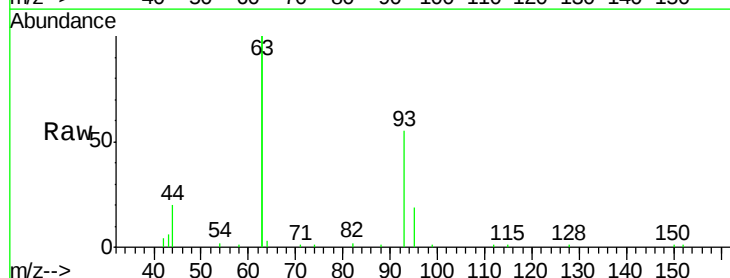
Tgt Ion: 93 Resp: 5295

Ion Ratio Lower Upper

93 100

63 332.1 259.0 388.4

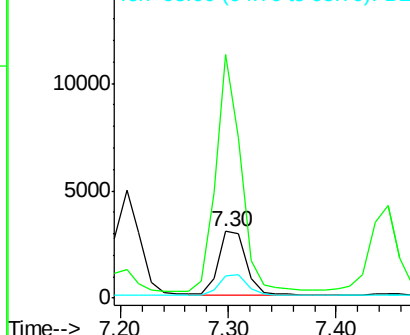
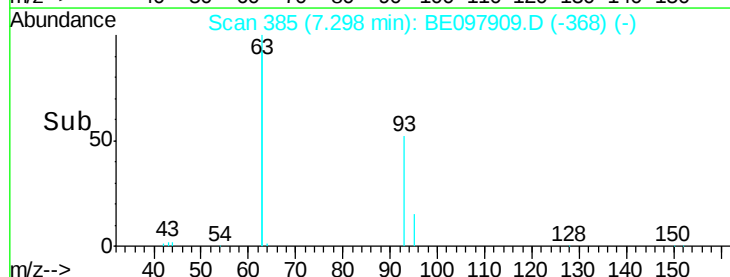
95 32.9 27.8 41.8

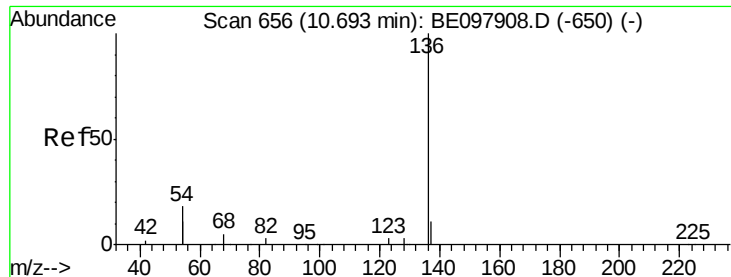


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097909.D

Acq: 16 Oct 2018 13:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tgt Ion:136 Resp: 7963

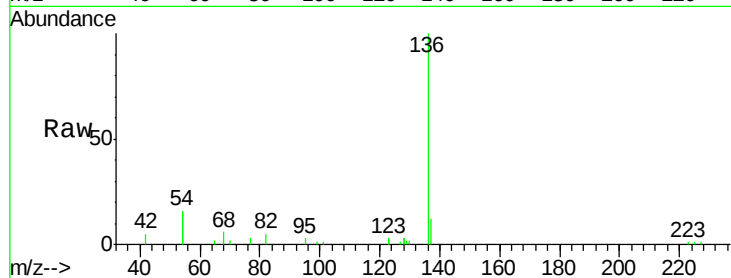
Ion Ratio Lower Upper

136 100

137 12.2 9.6 14.4

54 32.0 27.7 41.5

68 6.4 5.3 7.9

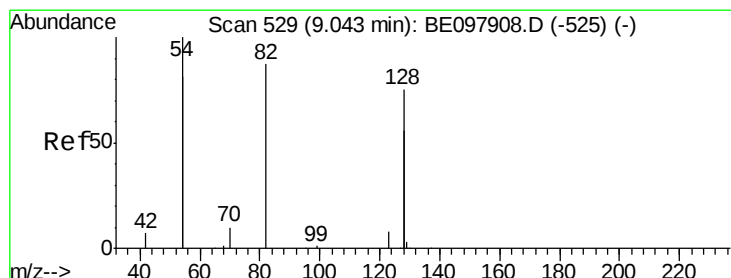
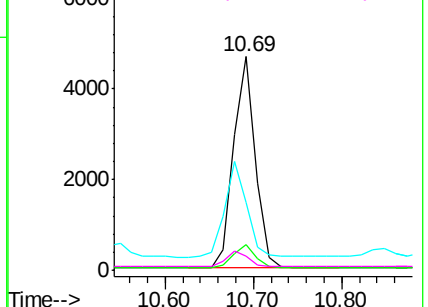
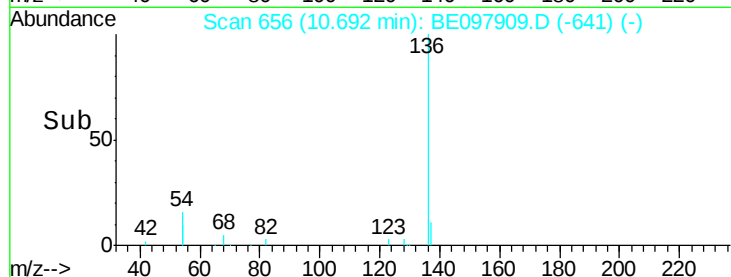


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.271 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097909.D

Acq: 16 Oct 2018 13:52

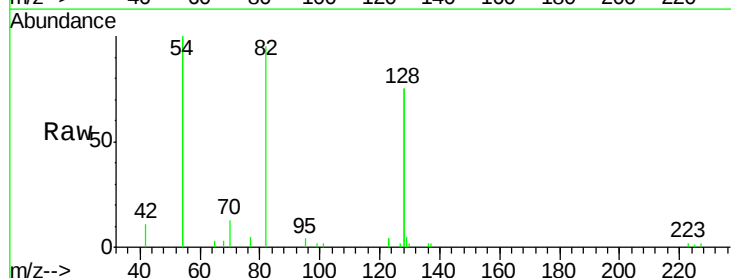
Tgt Ion: 82 Resp: 5872

Ion Ratio Lower Upper

82 100

128 157.5 129.9 194.9

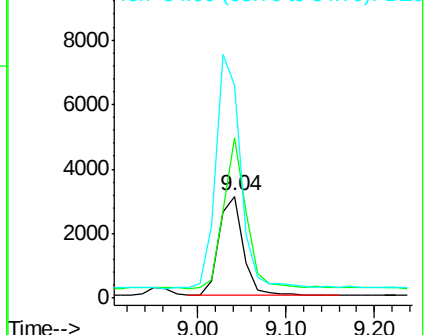
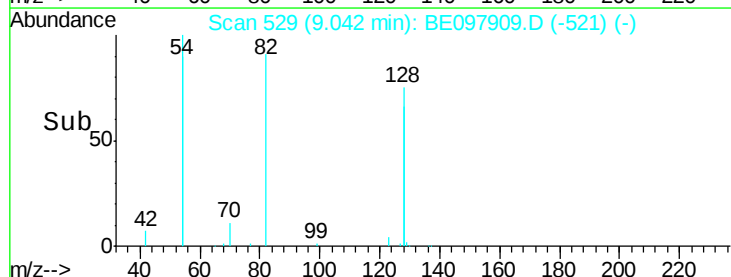
54 209.5 174.0 261.0

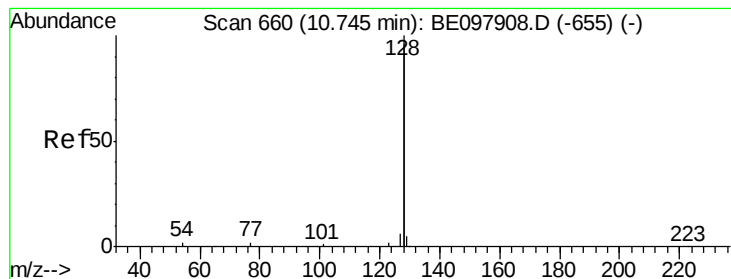


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.775 ng

RT: 10.74 min Scan# 660

Delta R.T. -0.00 min

Lab File: BE097909.D

Acq: 16 Oct 2018 13:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

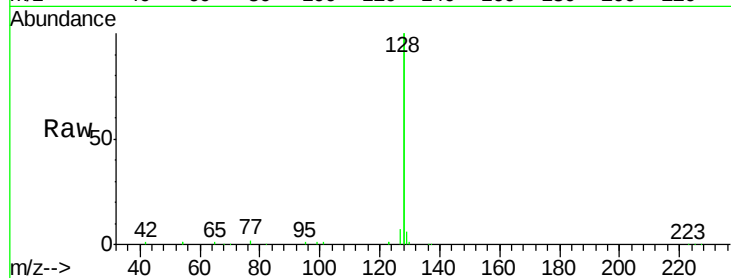
Tgt Ion:128 Resp: 62219

Ion Ratio Lower Upper

128 100

129 2.9 2.5 3.7

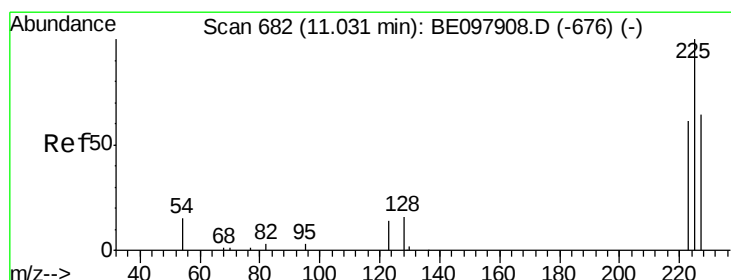
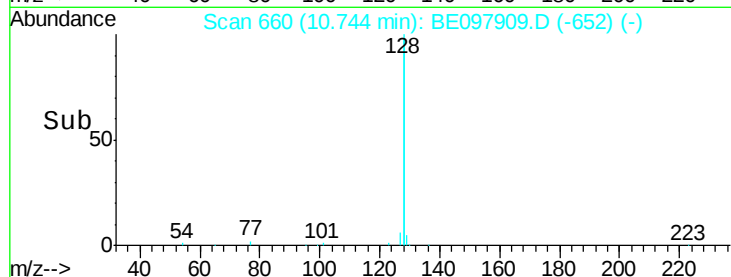
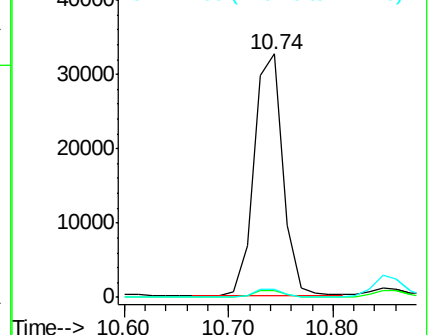
127 3.3 2.8 4.2



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: 0.786 ng

RT: 11.03 min Scan# 682

Delta R.T. -0.00 min

Lab File: BE097909.D

Acq: 16 Oct 2018 13:52

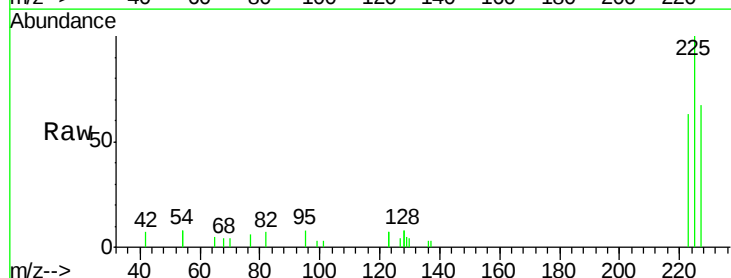
Tgt Ion:225 Resp: 3347

Ion Ratio Lower Upper

225 100

223 62.8 51.8 77.8

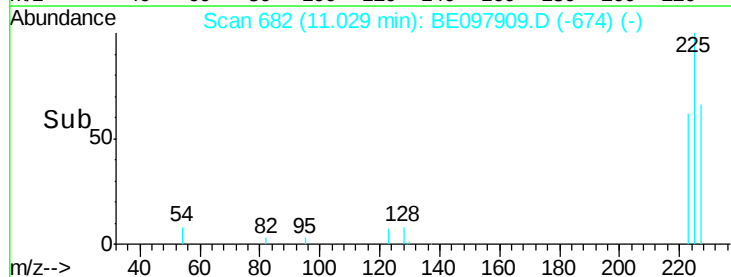
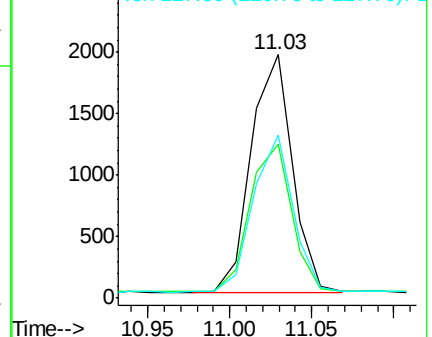
227 64.6 53.0 79.6

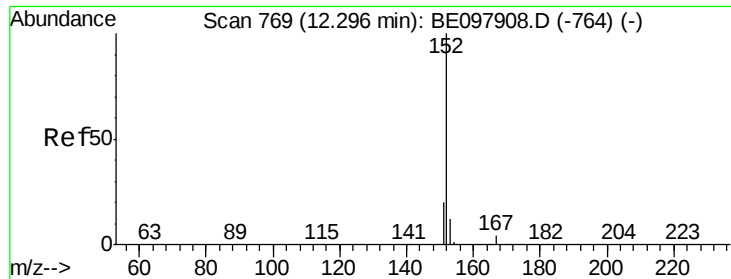


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

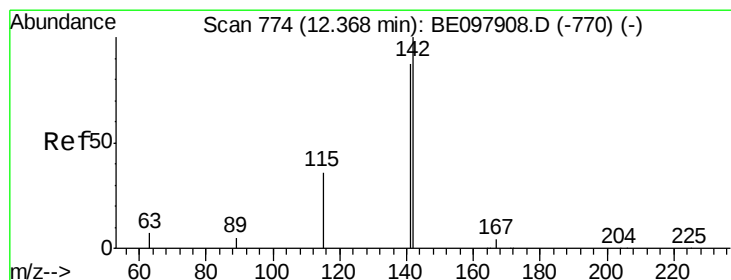
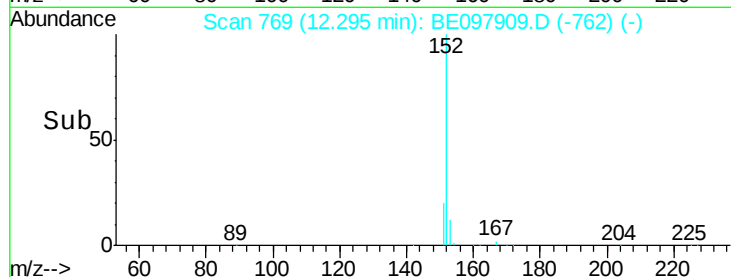
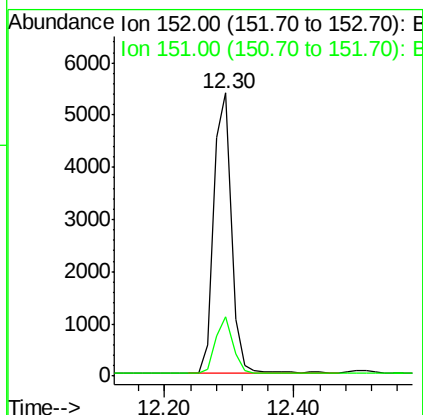
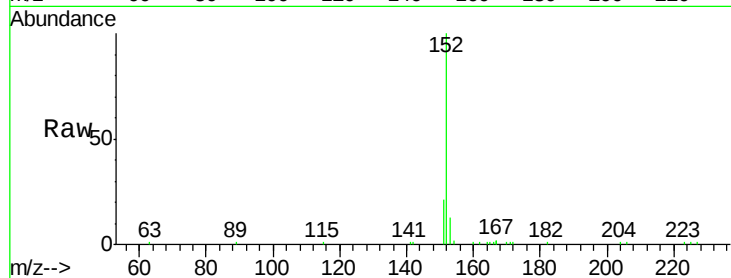




#11
 2-Methylnaphthalene-d10
 Concen: 0.804 ng
 RT: 12.30 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE097909.D
 Acq: 16 Oct 2018 13:52

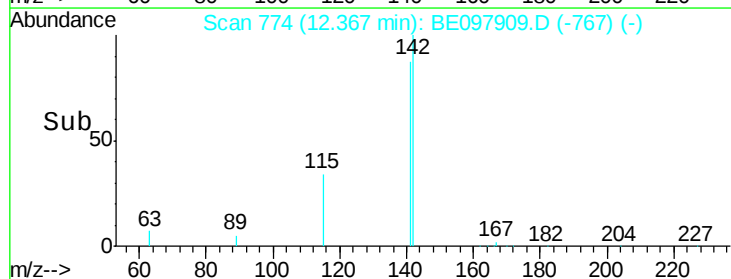
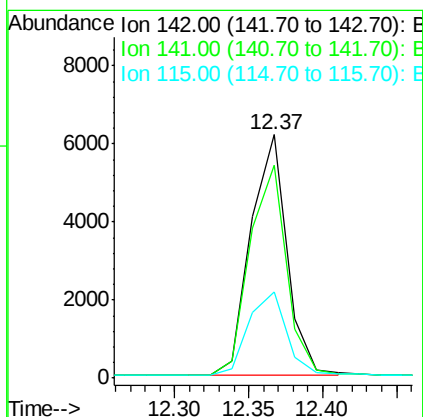
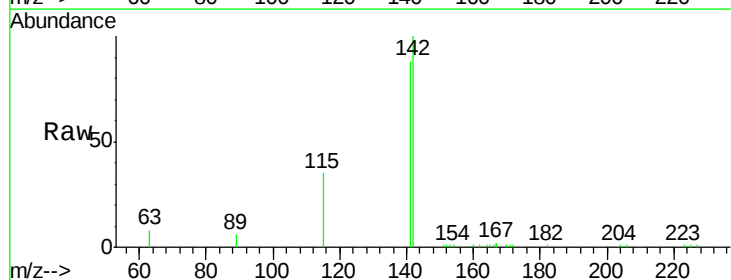
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

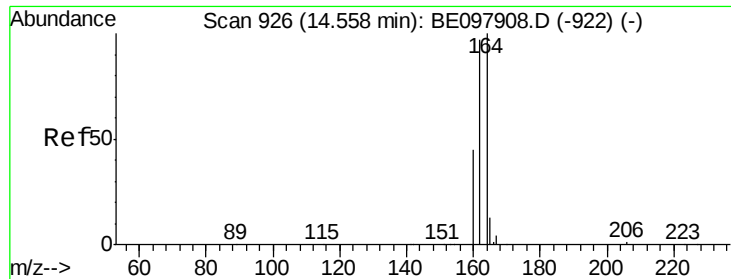
Tgt Ion:152 Resp: 10182
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.2 24.4



#12
 2-Methylnaphthalene
 Concen: 0.828 ng
 RT: 12.37 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BE097909.D
 Acq: 16 Oct 2018 13:52

Tgt Ion:142 Resp: 10635
 Ion Ratio Lower Upper
 142 100
 141 87.6 69.8 104.6
 115 35.3 30.5 45.7

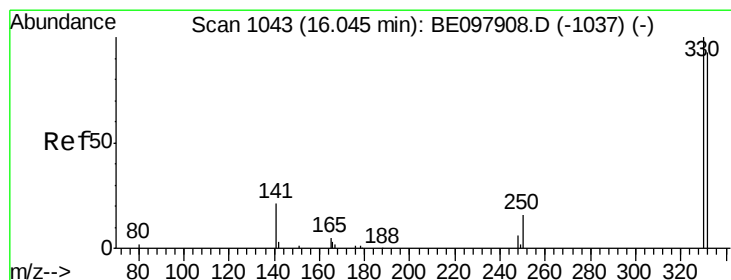
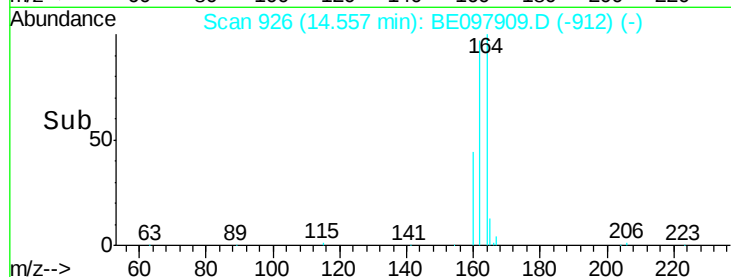
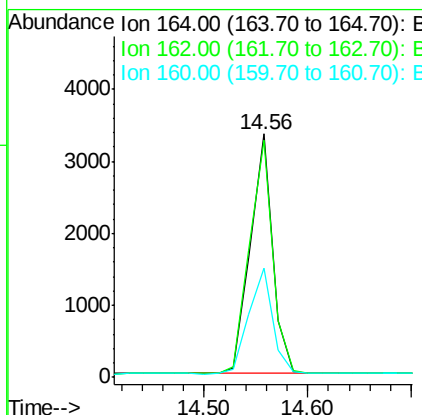
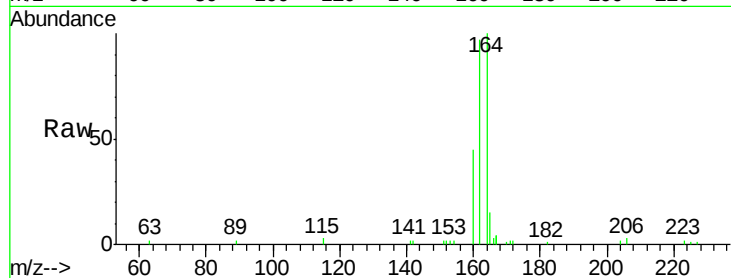




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

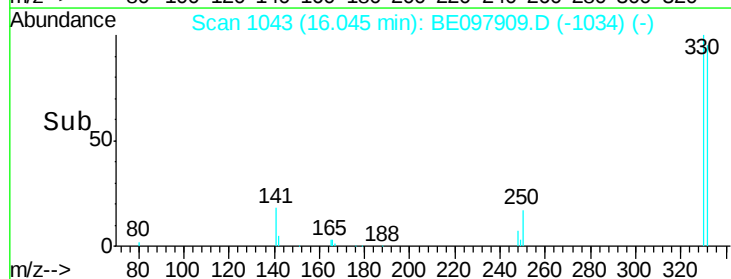
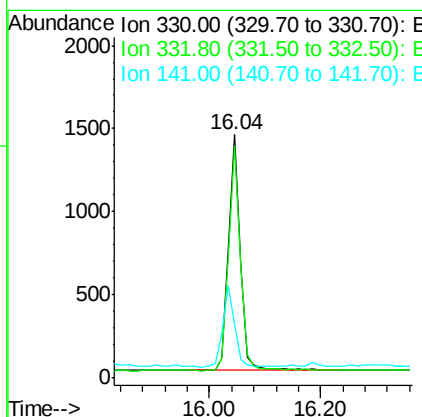
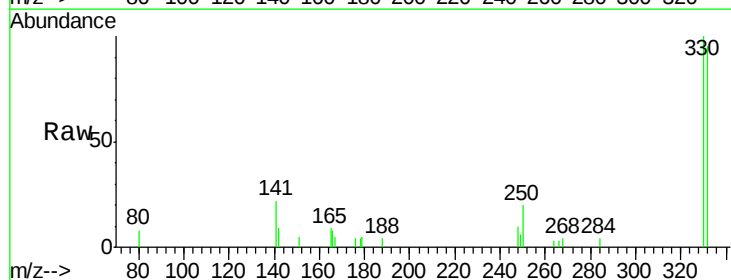
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

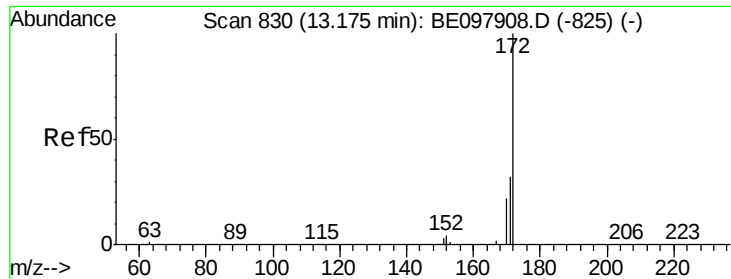
Tgt Ion:164 Resp: 5036
Ion Ratio Lower Upper
164 100
162 97.2 77.4 116.2
160 44.7 36.5 54.7



#14
2,4,6-Tribromophenol
Concen: 2.331 ng
RT: 16.04 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Tgt Ion:330 Resp: 2128
Ion Ratio Lower Upper
330 100
332 95.4 76.5 114.7
141 36.2 31.8 47.6

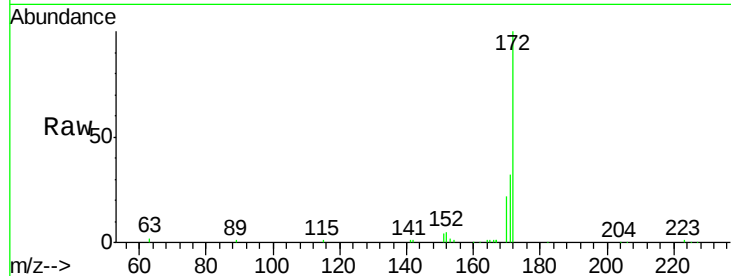




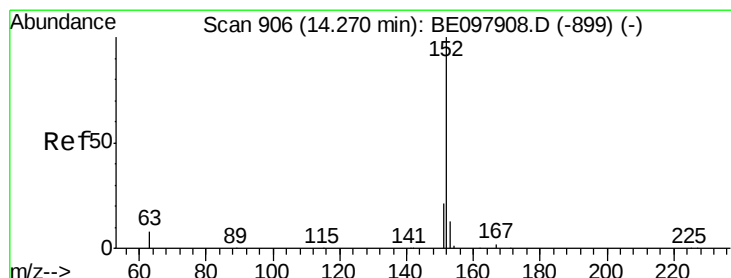
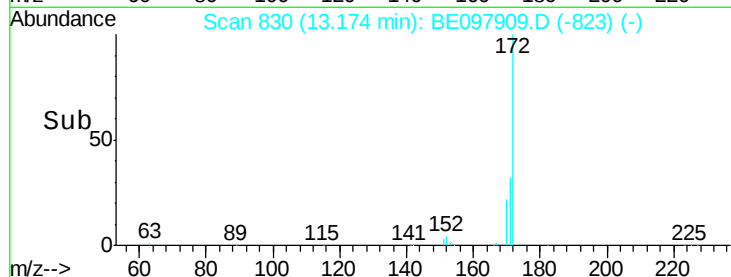
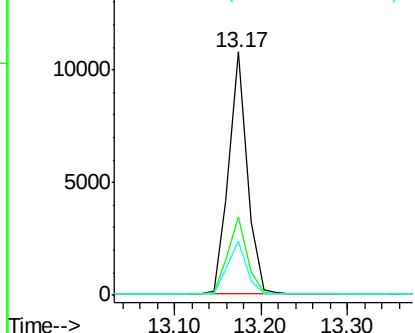
#15
2-Fluorobiphenyl
Concen: 0.724 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tgt Ion:172 Resp: 16056
Ion Ratio Lower Upper
172 100
171 32.3 26.0 39.0
170 22.0 18.0 27.0

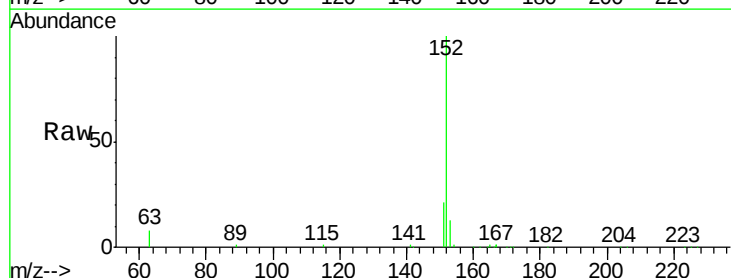


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

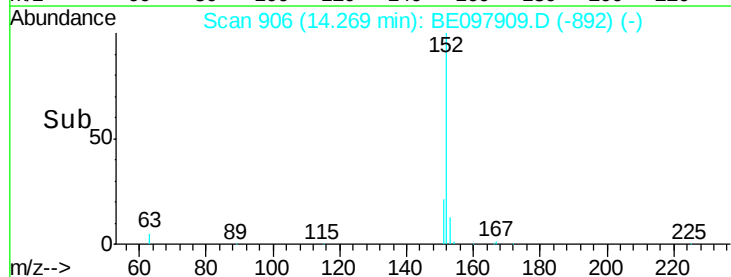
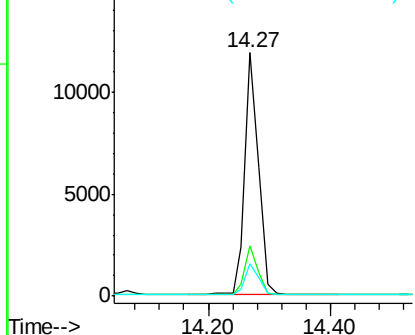


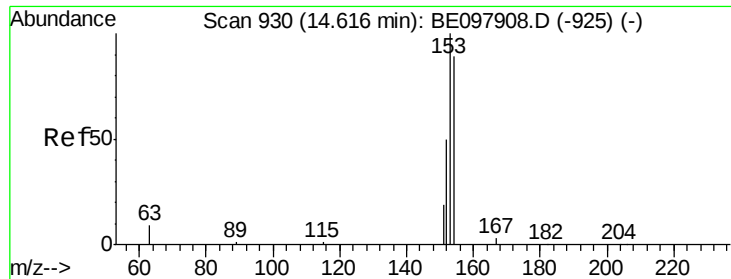
#16
Acenaphthylene
Concen: 0.831 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Tgt Ion:152 Resp: 18543
Ion Ratio Lower Upper
152 100
151 19.5 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

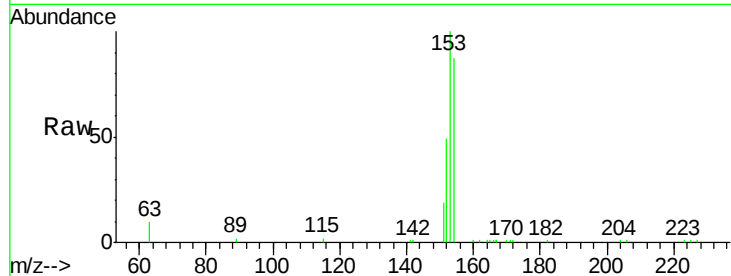




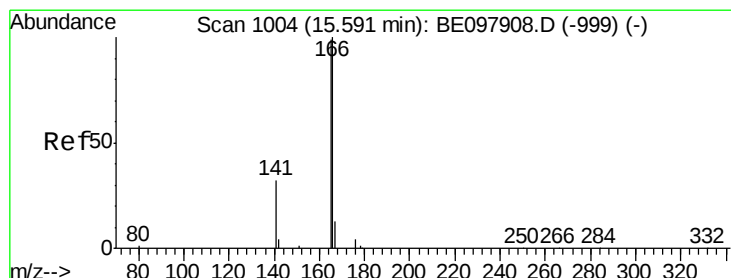
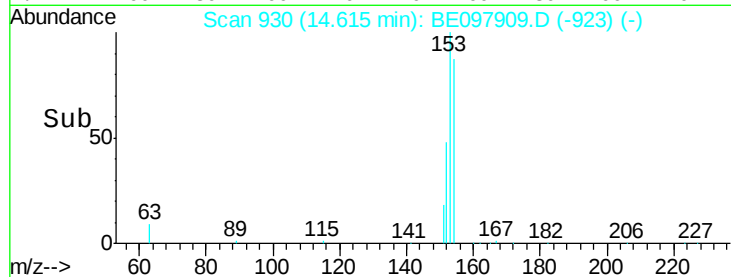
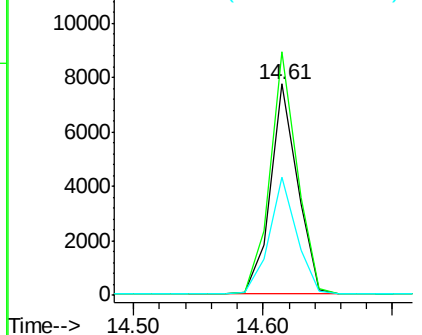
#17
Acenaphthene
Concen: 0.786 ng
RT: 14.61 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tgt Ion:154 Resp: 11223
Ion Ratio Lower Upper
154 100
153 115.1 92.6 139.0
152 56.0 45.5 68.3

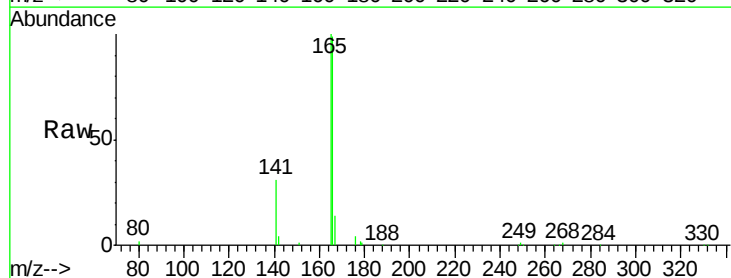


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

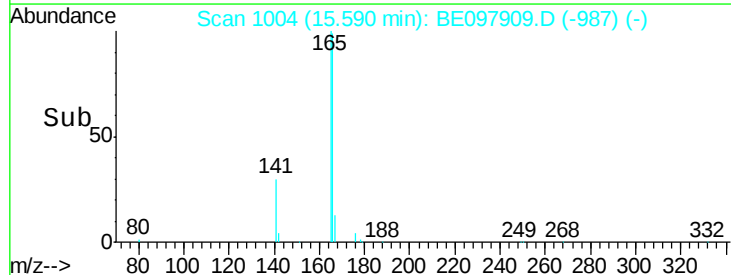
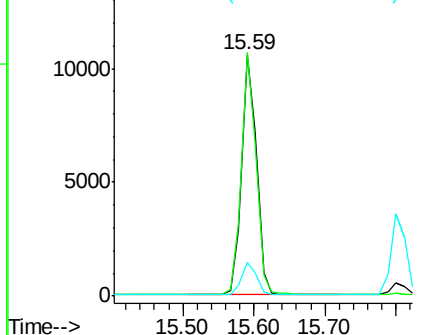


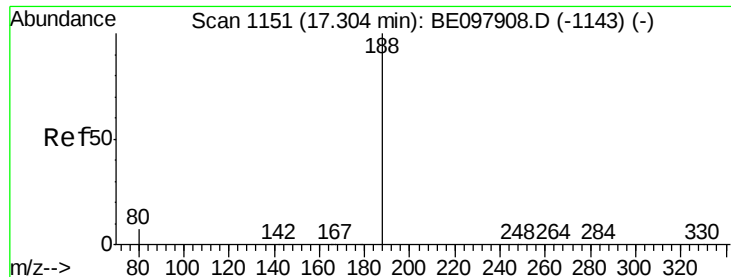
#18
Fluorene
Concen: 0.810 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Tgt Ion:166 Resp: 15360
Ion Ratio Lower Upper
166 100
165 99.2 78.2 117.4
167 13.6 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: BE097909.D

Acq: 16 Oct 2018 13:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

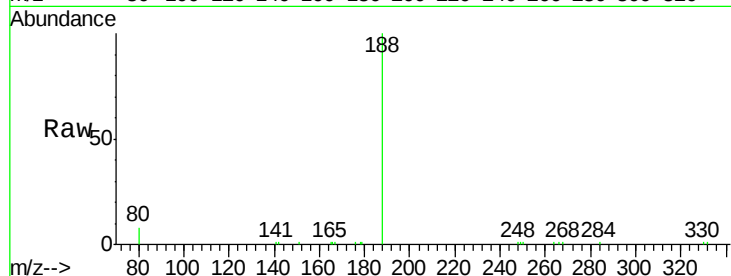
Tgt Ion:188 Resp: 13078

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

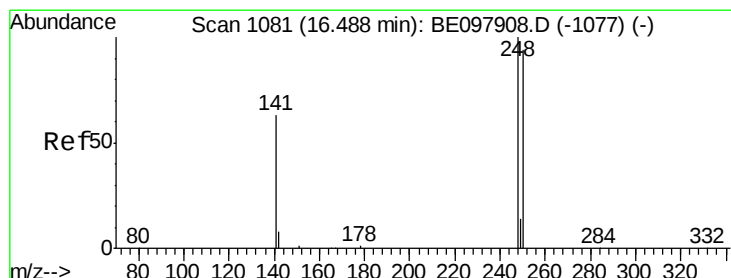
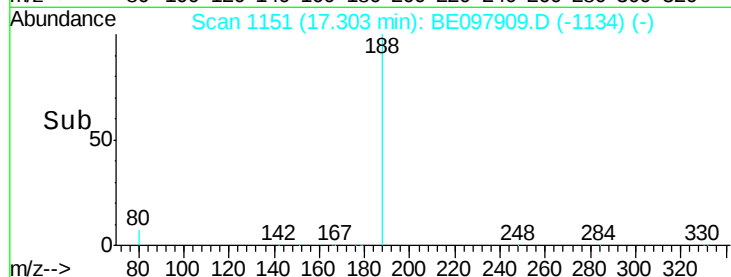
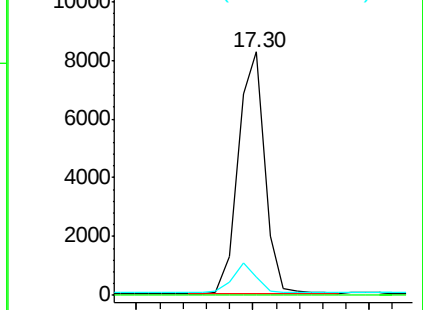
80 7.7 6.3 9.5



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: 0.843 ng

RT: 16.49 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BE097909.D

Acq: 16 Oct 2018 13:52

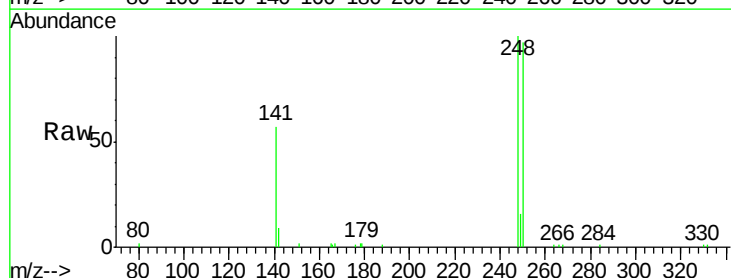
Tgt Ion:248 Resp: 5781

Ion Ratio Lower Upper

248 100

250 97.4 75.1 112.7

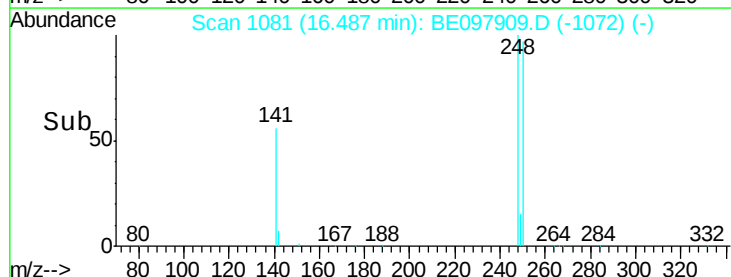
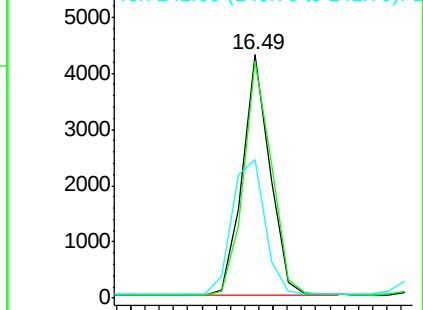
141 56.8 51.8 77.8

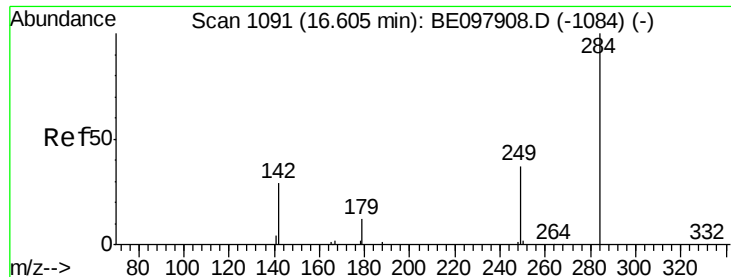


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.732 ng

RT: 16.60 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE097909.D

Acq: 16 Oct 2018 13:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

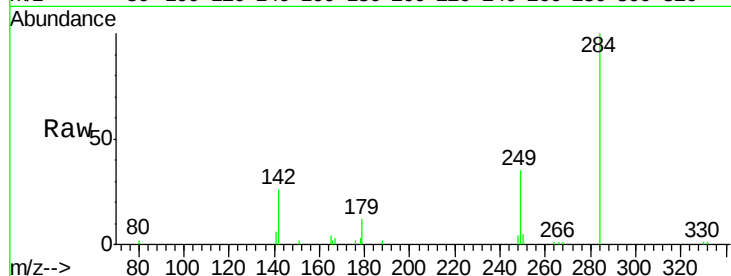
Tgt Ion:284 Resp: 5648

Ion Ratio Lower Upper

284 100

142 32.3 25.9 38.9

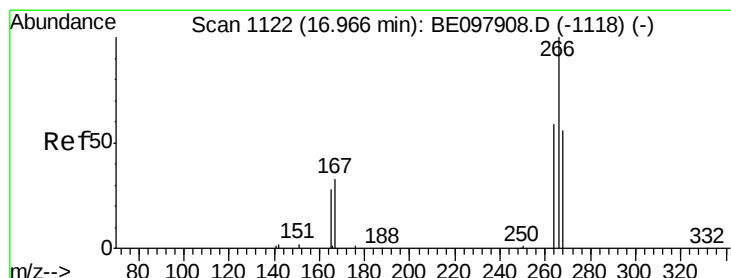
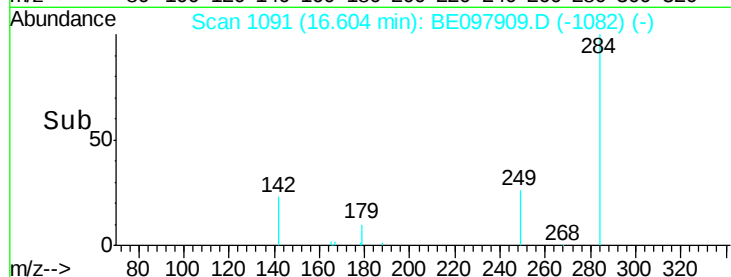
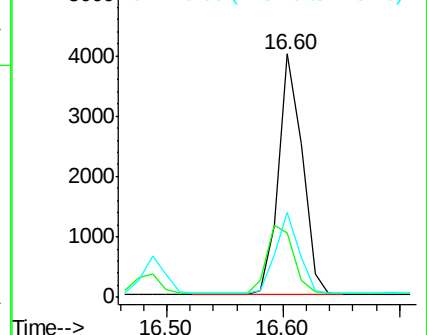
249 33.7 26.6 40.0



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: 1.221 ng

RT: 16.95 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE097909.D

Acq: 16 Oct 2018 13:52

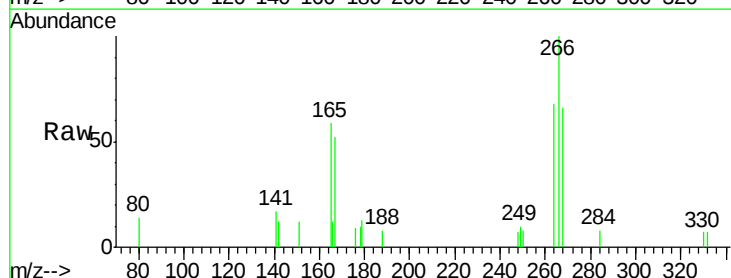
Tgt Ion:266 Resp: 1479

Ion Ratio Lower Upper

266 100

264 68.0 51.3 76.9

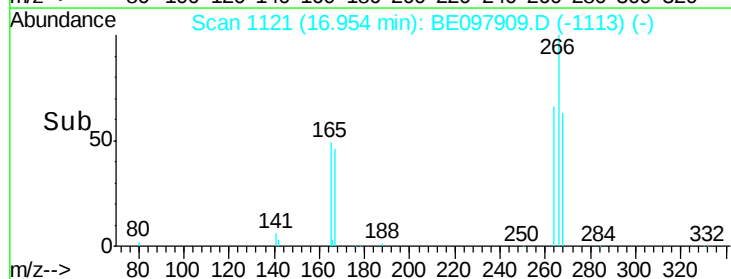
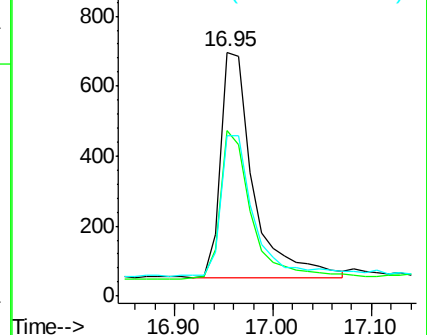
268 65.8 50.1 75.1

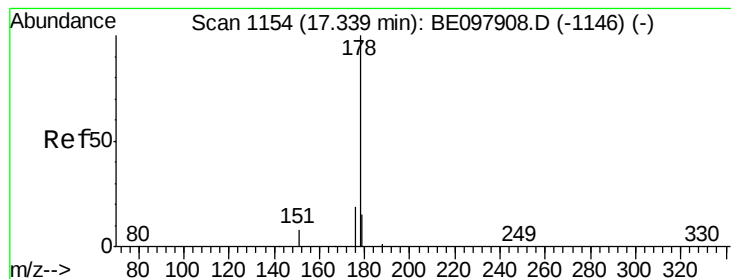


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.778 ng

RT: 17.34 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097909.D

Acq: 16 Oct 2018 13:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

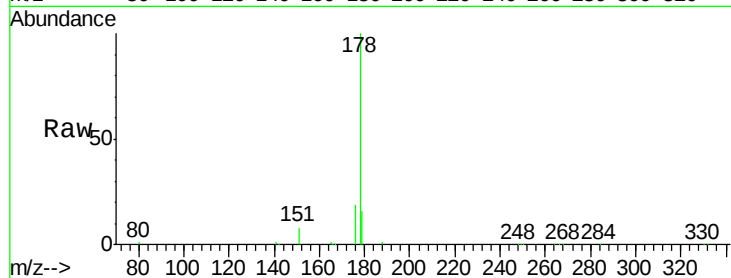
Tgt Ion:178 Resp: 26228

Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

179 15.4 12.2 18.4

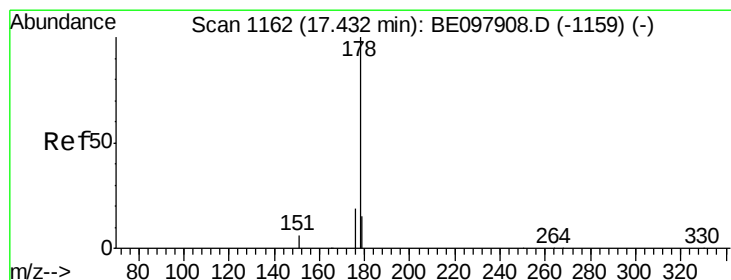
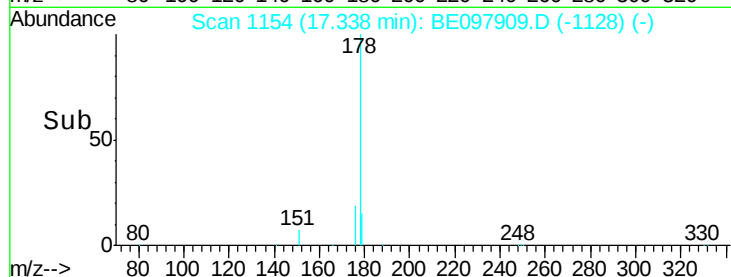
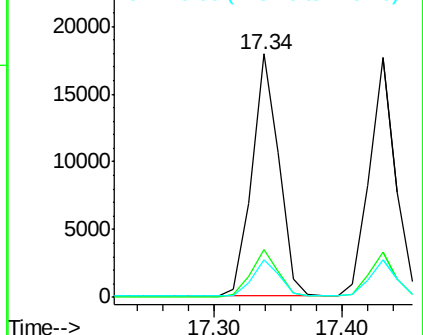


Abundance

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: 0.855 ng

RT: 17.43 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BE097909.D

Acq: 16 Oct 2018 13:52

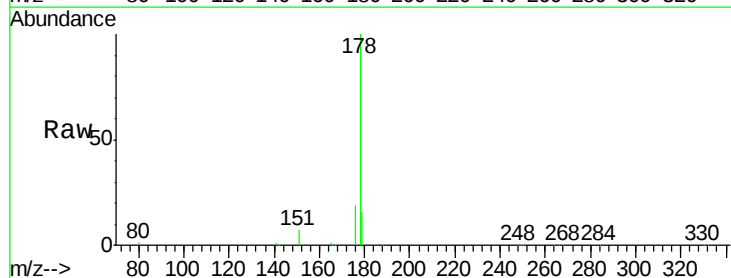
Tgt Ion:178 Resp: 24884

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

179 15.5 11.9 17.9

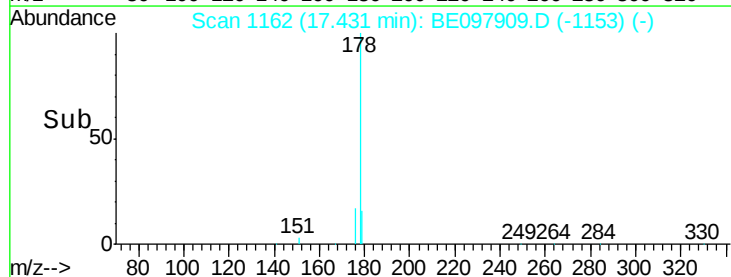
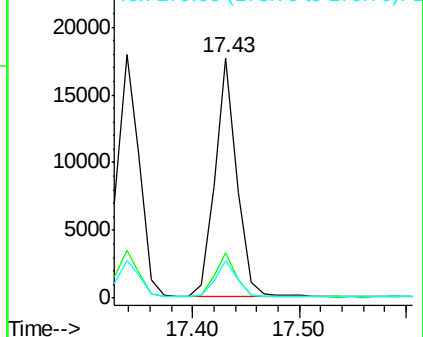


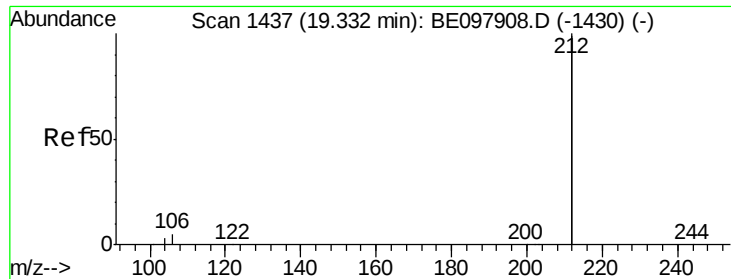
Abundance

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

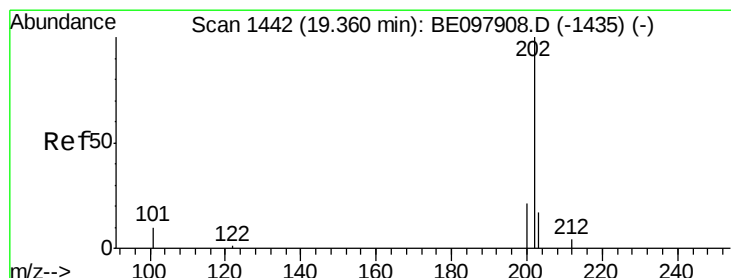
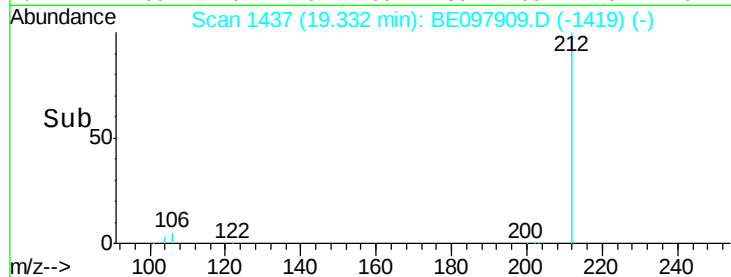
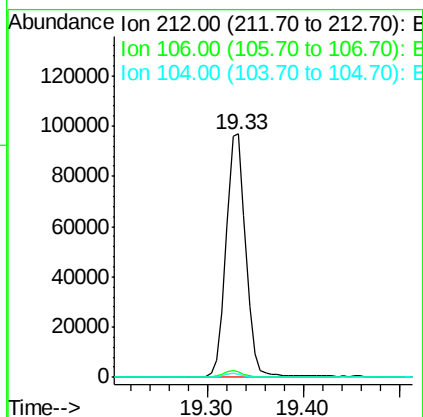
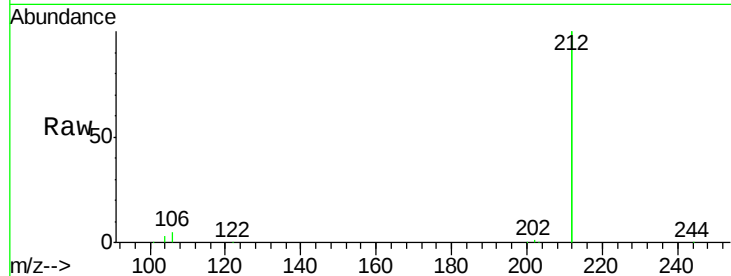




#25
 Fluoranthene-d10
 Concen: 0.820 ng
 RT: 19.33 min Scan# 1437
 Delta R.T. 0.00 min
 Lab File: BE097909.D
 Acq: 16 Oct 2018 13:52

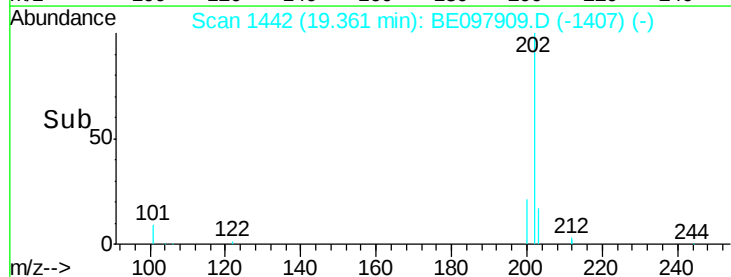
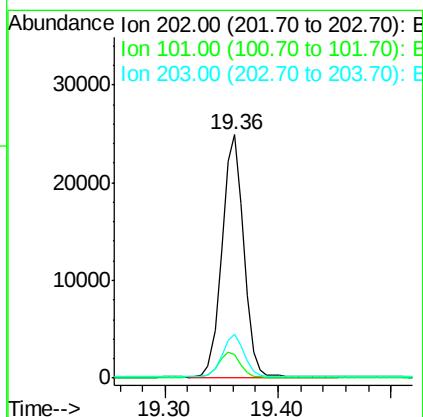
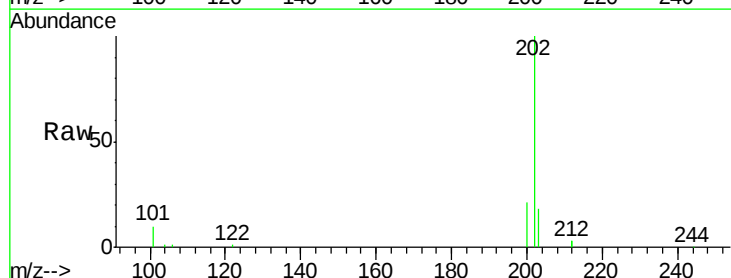
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

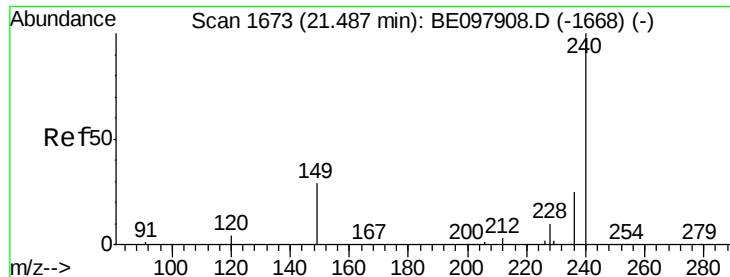
Tgt Ion: 212 Resp: 135766
 Ion Ratio Lower Upper
 212 100
 106 2.8 2.3 3.5
 104 1.6 1.3 1.9



#26
 Fluoranthene
 Concen: 0.773 ng
 RT: 19.36 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BE097909.D
 Acq: 16 Oct 2018 13:52

Tgt Ion: 202 Resp: 33188
 Ion Ratio Lower Upper
 202 100
 101 10.7 8.2 12.2
 203 17.5 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: BE097909.D

Acq: 16 Oct 2018 13:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

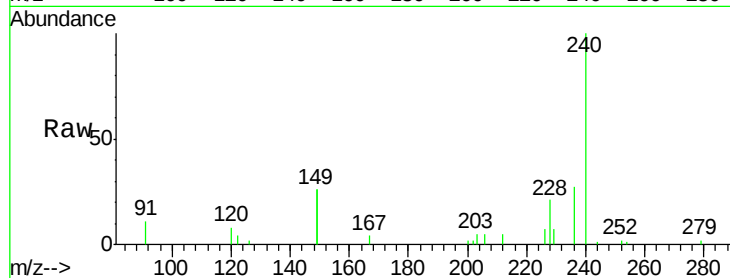
Tgt Ion:240 Resp: 15877

Ion Ratio Lower Upper

240 100

120 8.5 7.1 10.7

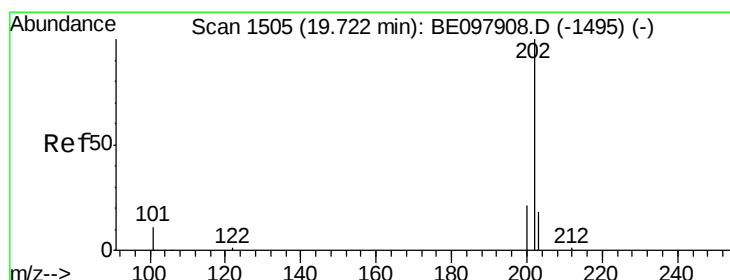
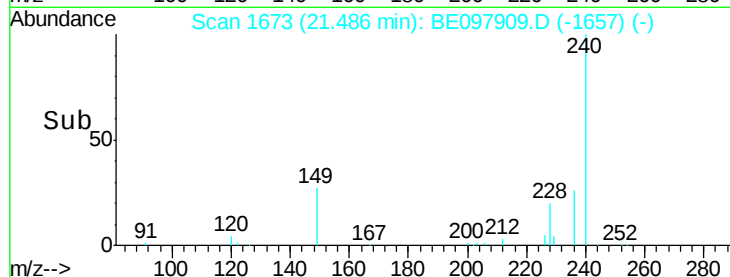
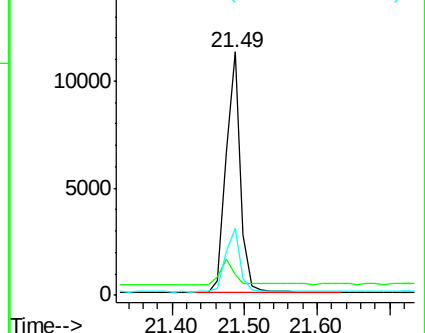
236 27.4 21.3 31.9



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: 0.875 ng

RT: 19.72 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BE097909.D

Acq: 16 Oct 2018 13:52

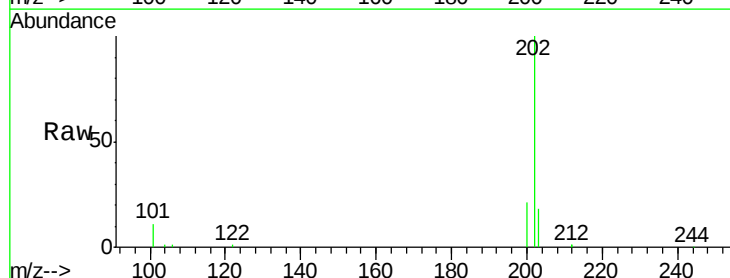
Tgt Ion:202 Resp: 35302

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

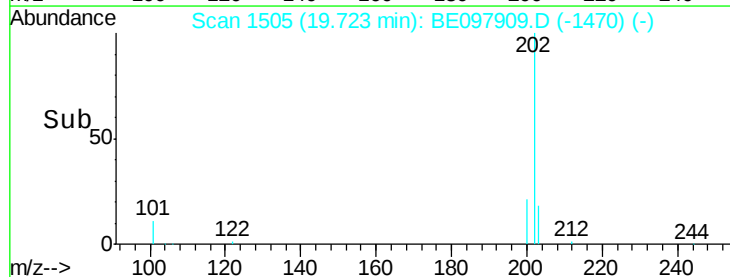
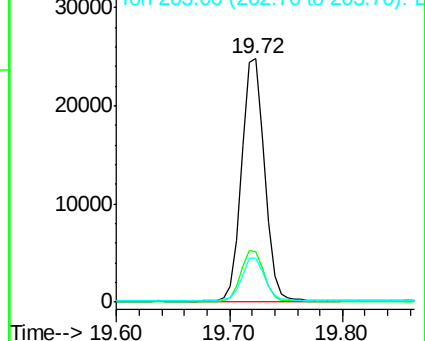
203 18.3 14.2 21.4

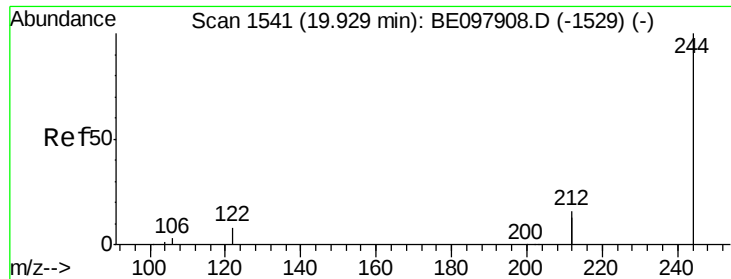


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.852 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097909.D

Acq: 16 Oct 2018 13:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

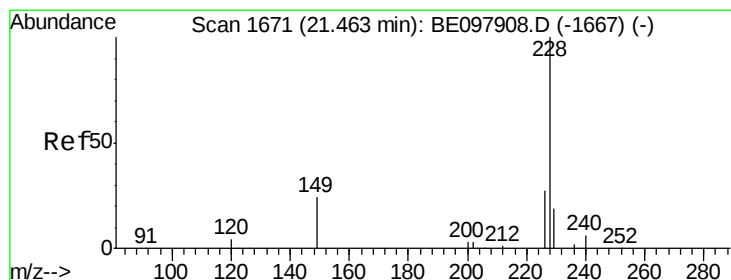
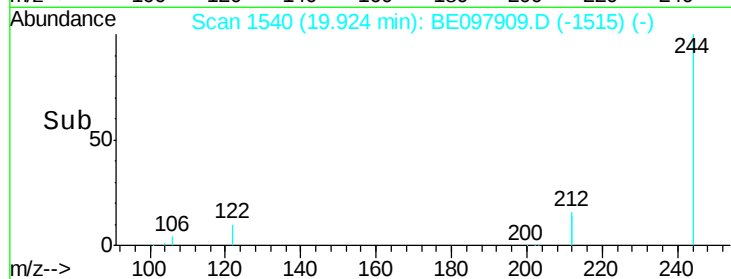
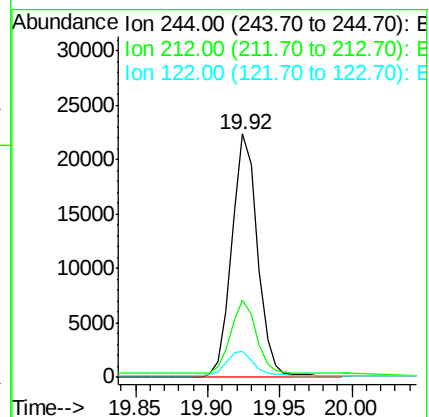
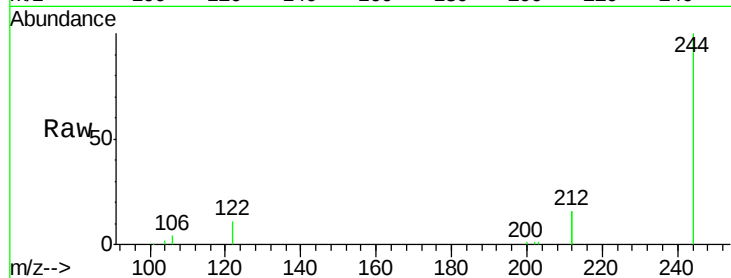
Tgt Ion:244 Resp: 27624

Ion Ratio Lower Upper

244 100

212 31.9 26.2 39.2

122 10.9 7.7 11.5



#30

Benzo(a)anthracene

Concen: 0.901 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE097909.D

Acq: 16 Oct 2018 13:52

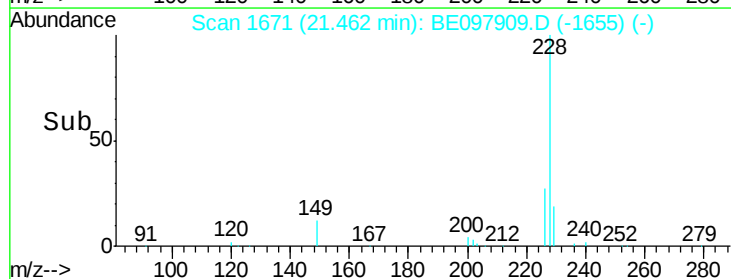
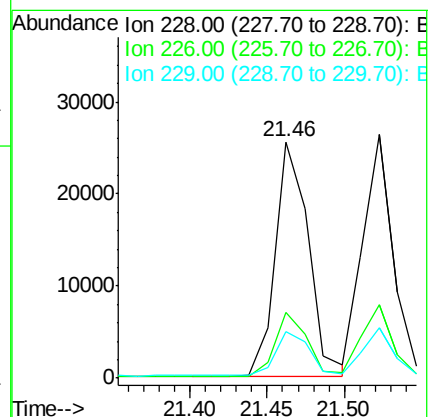
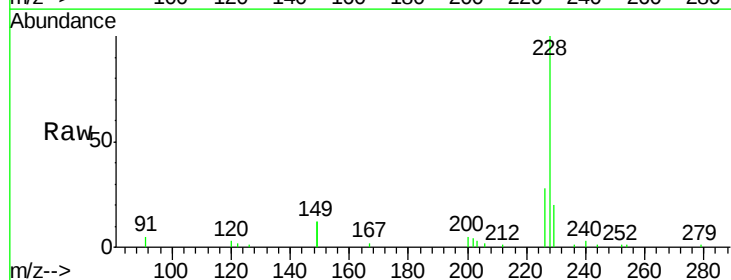
Tgt Ion:228 Resp: 38465

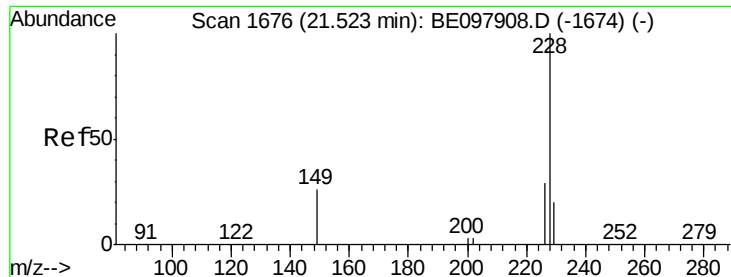
Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

229 19.7 16.9 25.3





#31

Chrysene

Concen: 0.757 ng

RT: 21.52 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BE097909.D

Acq: 16 Oct 2018 13:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

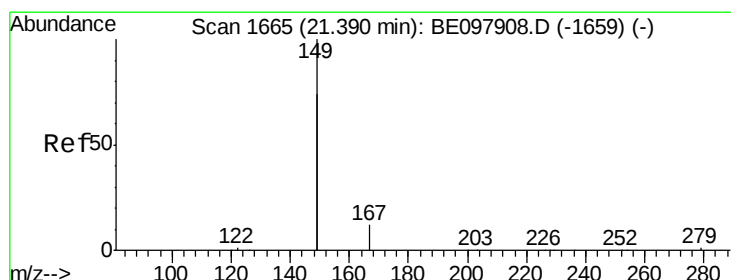
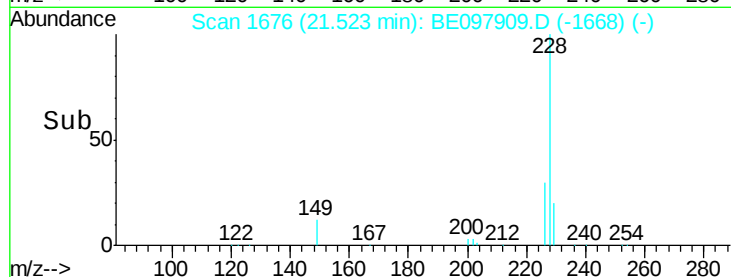
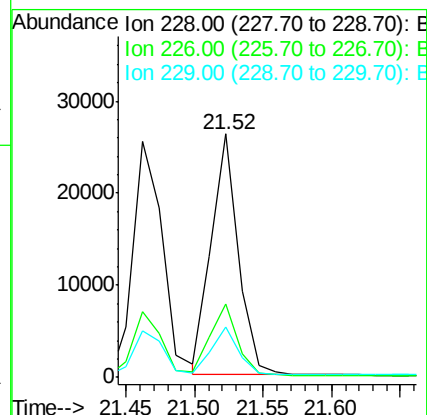
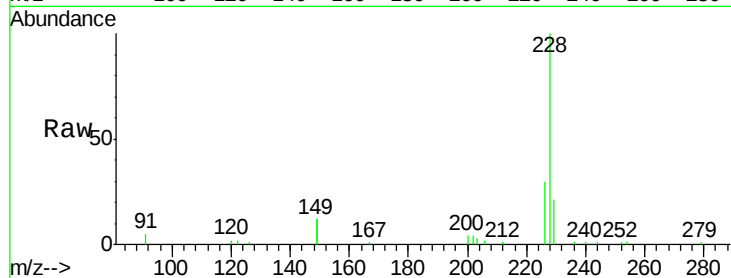
Tgt Ion:228 Resp: 36115

Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

229 20.7 17.3 25.9



#32

Bis(2-ethylhexyl)phthalate

Concen: 2.938 ng

RT: 21.39 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BE097909.D

Acq: 16 Oct 2018 13:52

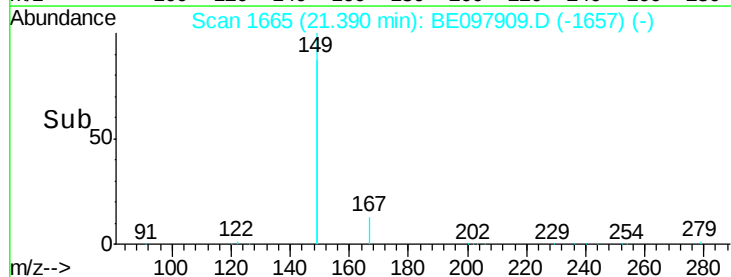
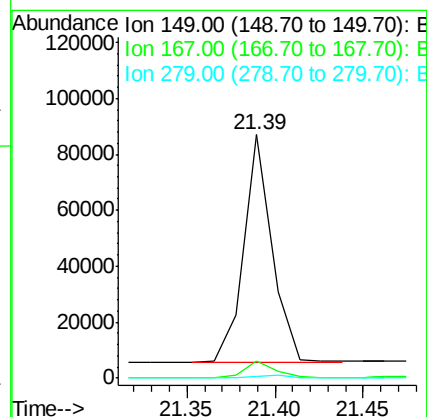
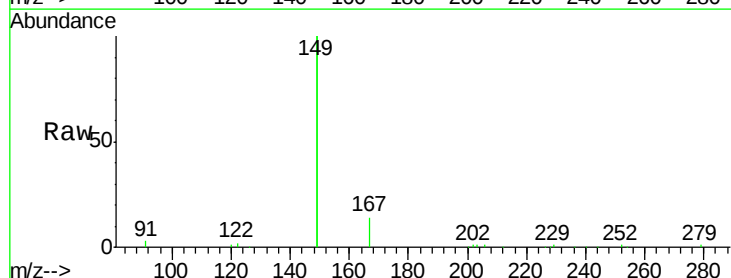
Tgt Ion:149 Resp: 91729

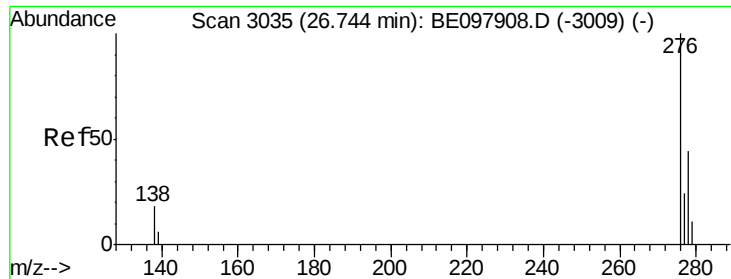
Ion Ratio Lower Upper

149 100

167 6.9 5.6 8.4

279 1.0 0.9 1.3





#33

Indeno(1,2,3-cd)pyrene

Concen: 1.000 ng

RT: 26.74 min Scan# 3033

Delta R.T. -0.01 min

Lab File: BE097909.D

Acq: 16 Oct 2018 13:52

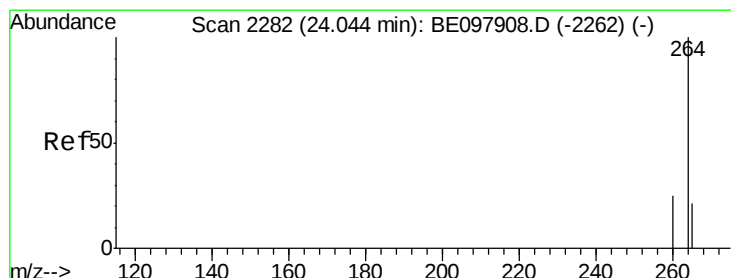
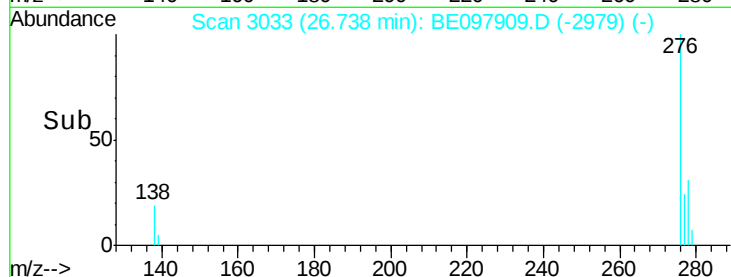
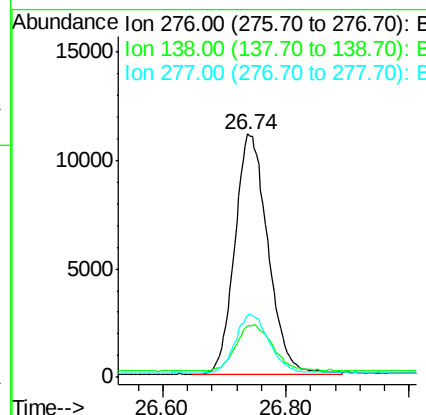
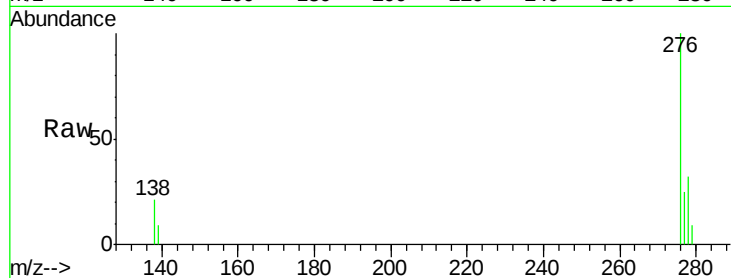
Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tgt Ion:	276	Resp:	41437
Ion	Ratio	Lower	Upper
276	100		
138	21.2	17.0	25.6
277	24.7	20.5	30.7



#34

Perylene-d12

Concen: 0.400 ng

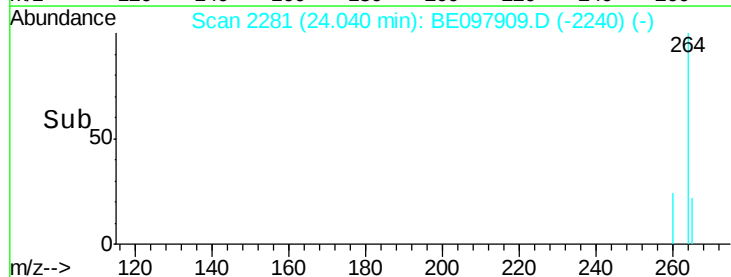
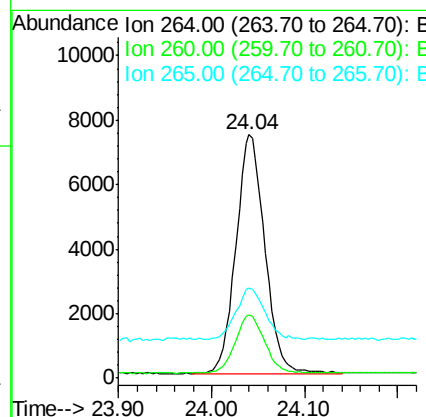
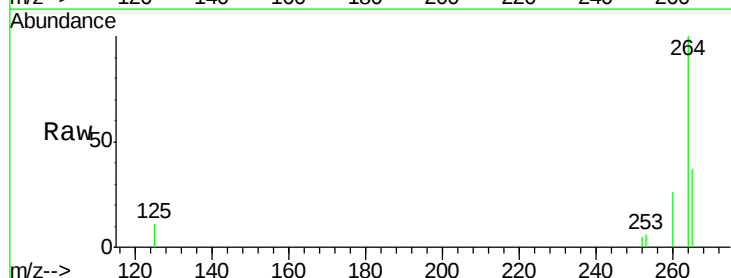
RT: 24.04 min Scan# 2281

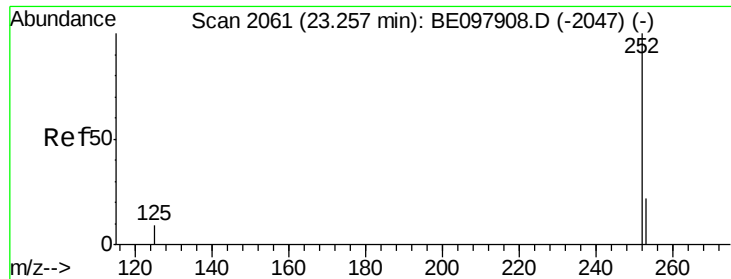
Delta R.T. -0.00 min

Lab File: BE097909.D

Acq: 16 Oct 2018 13:52

Tgt Ion:	264	Resp:	15991
Ion	Ratio	Lower	Upper
264	100		
260	25.7	21.1	31.7
265	37.1	29.2	43.8

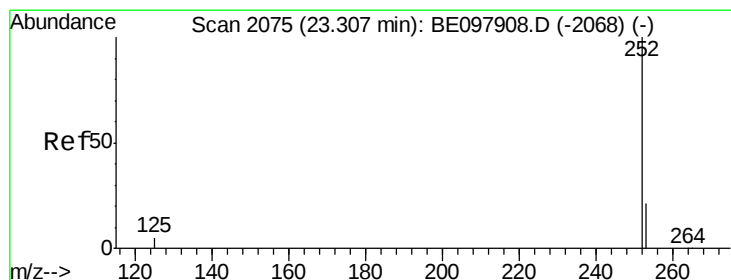
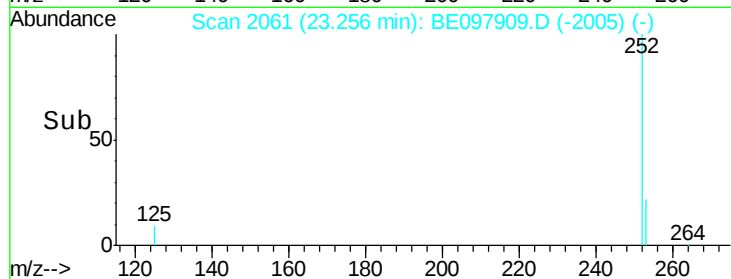
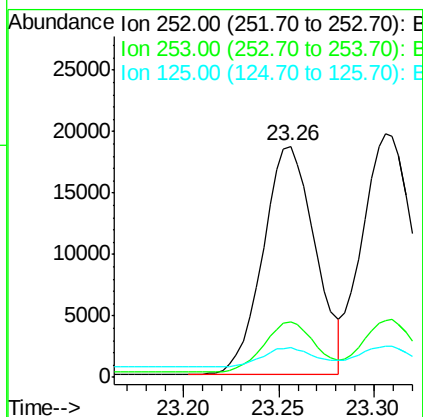
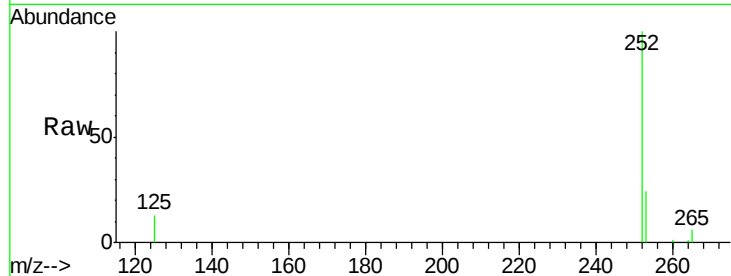




#35
Benzo(b)fluoranthene
Concen: 0.805 ng
RT: 23.26 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

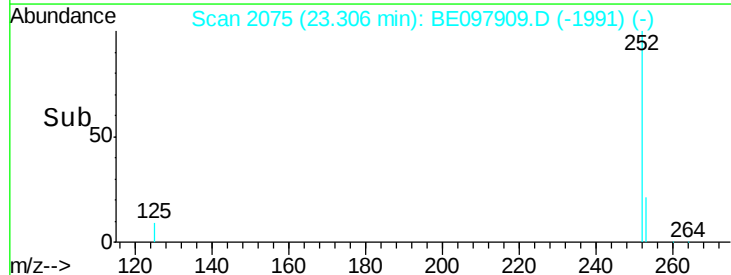
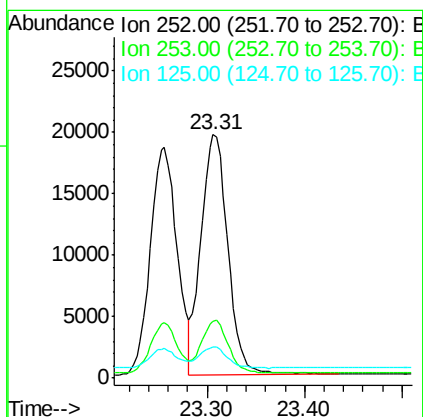
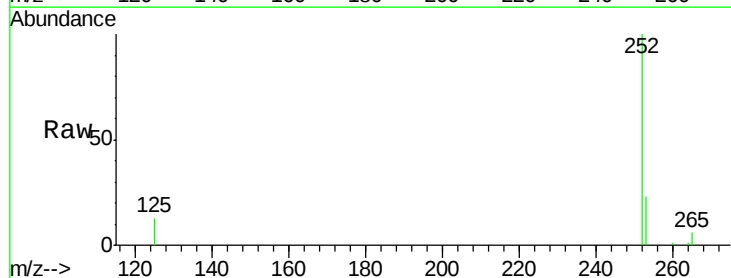
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

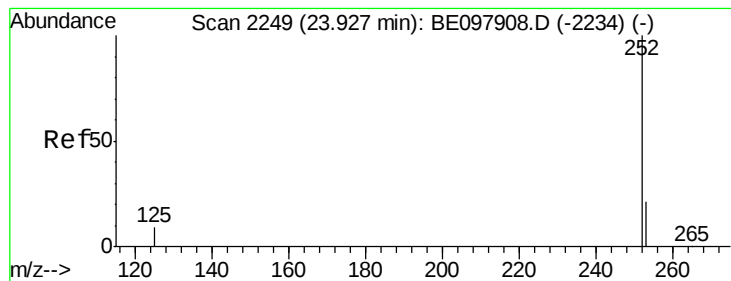
Tgt Ion:252 Resp: 35337
Ion Ratio Lower Upper
252 100
253 24.0 20.6 31.0
125 12.9 14.3 21.5#



#36
Benzo(k)fluoranthene
Concen: 0.770 ng
RT: 23.31 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Tgt Ion:252 Resp: 37481
Ion Ratio Lower Upper
252 100
253 23.2 20.4 30.6
125 12.6 14.6 21.8#





#37

Benzo(a)pyrene

Concen: 0.888 ng

RT: 23.92 min Scan# 2248

Delta R.T. -0.00 min

Lab File: BE097909.D

Acq: 16 Oct 2018 13:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

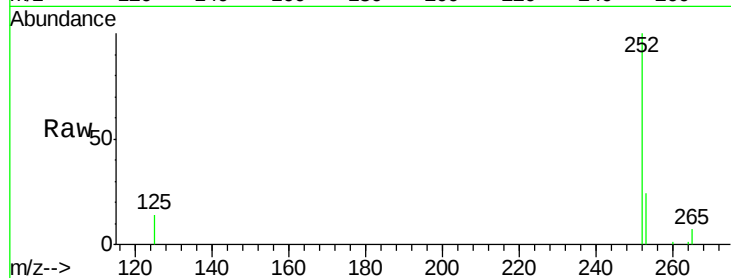
Tgt Ion:252 Resp: 35286

Ion Ratio Lower Upper

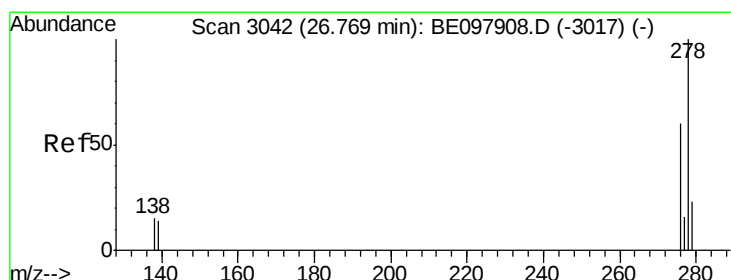
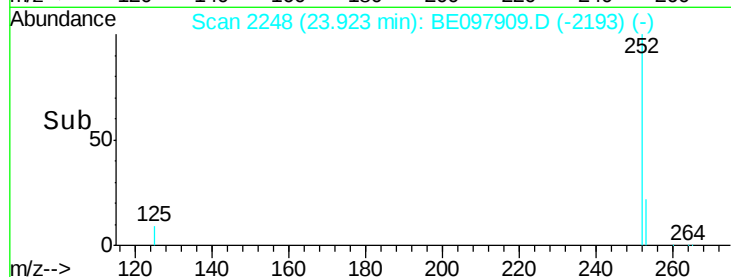
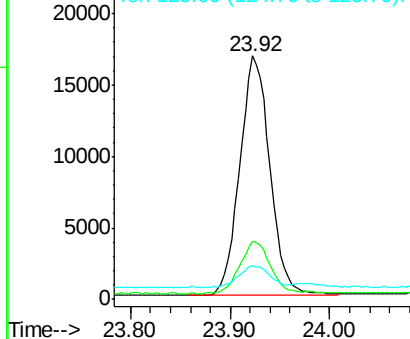
252 100

253 23.8 20.6 31.0

125 14.0 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: 0.882 ng

RT: 26.77 min Scan# 3042

Delta R.T. 0.00 min

Lab File: BE097909.D

Acq: 16 Oct 2018 13:52

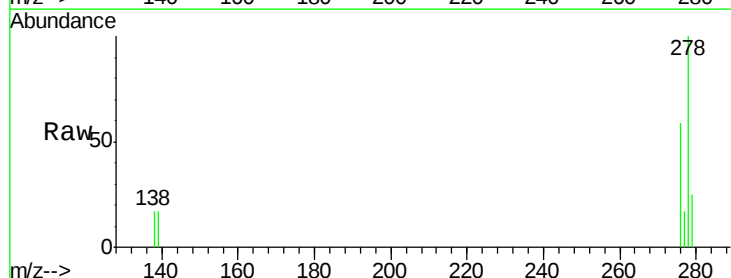
Tgt Ion:278 Resp: 34501

Ion Ratio Lower Upper

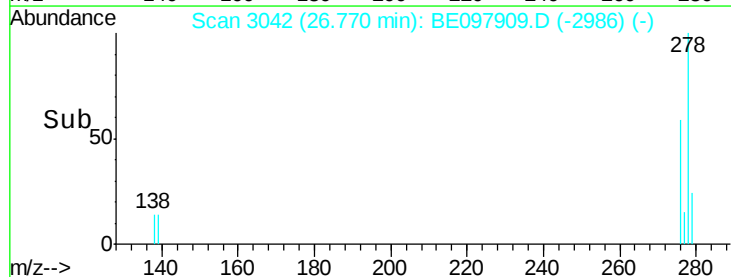
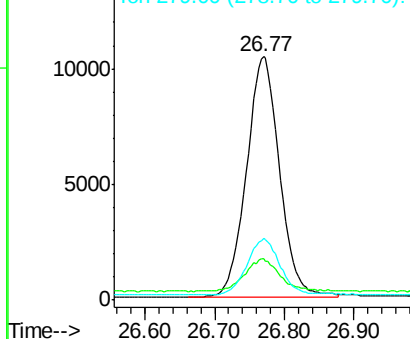
278 100

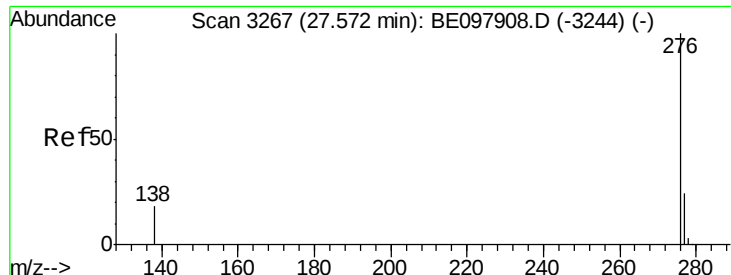
139 17.1 16.3 24.5

279 25.4 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: 0.842 ng

RT: 27.57 min Scan# 3267

Delta R.T. 0.00 min

Lab File: BE097909.D

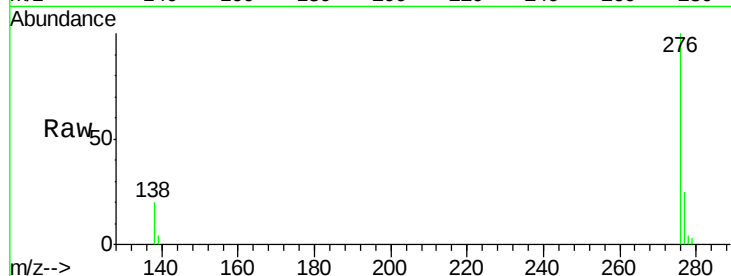
Acq: 16 Oct 2018 13:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8



Tgt Ion: 276 Resp: 34496

Ion Ratio Lower Upper

276 100

277 24.7 22.1 33.1

138 20.5 19.3 28.9

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

