

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100318\
 Data File : BE097706.D
 Acq On : 3 Oct 2018 8:28
 Operator : SJ/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Oct 03 11:31:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 03 11:25:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	5326	0.40	ng	0.00
7) Naphthalene-d8	10.70	136	21467	0.40	ng	0.01
13) Acenaphthene-d10	14.56	164	12011	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	33189	0.40	ng	0.00
27) Chrysene-d12	21.49	240	42216	0.40	ng	0.00
34) Perylene-d12	24.04	264	42075	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1314	0.10	ng	0.00
5) Phenol-d6	7.04	99	2127	0.12	ng	0.00
8) Nitrobenzene-d5	9.05	82	674	0.04	ng	0.01
11) 2-Methylnaphthalene-d10	12.31	152	3402	0.10	ng	0.01
14) 2,4,6-Tribromophenol	16.04	330	219	0.05	ng	0.00
15) 2-Fluorobiphenyl	13.19	172	6151	0.12	ng	0.00
25) Fluoranthene-d10	19.33	212	41283	0.10	ng	0.00
29) Terphenyl-d14	19.94	244	9604	0.11	ng	0.00

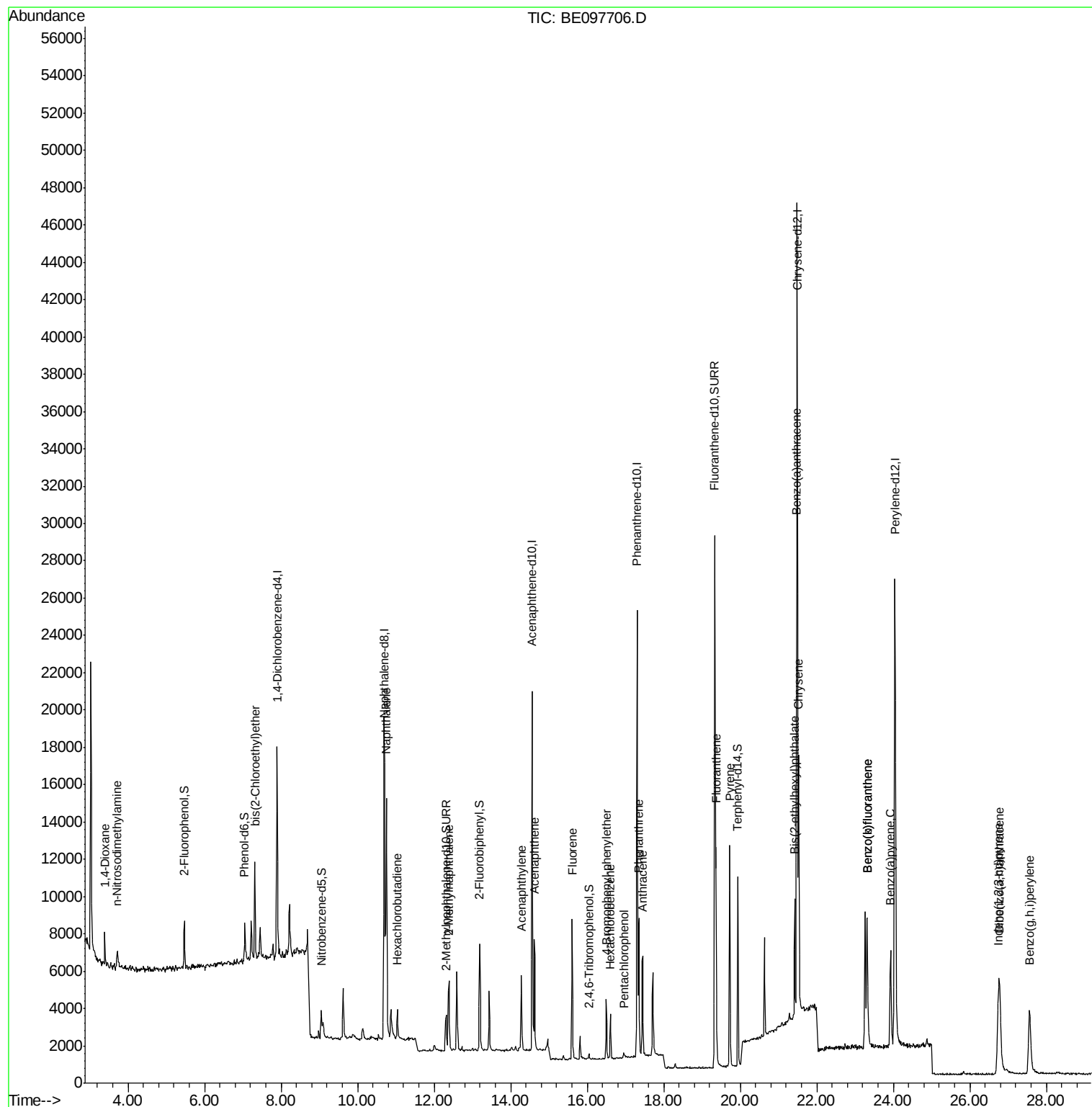
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.39	88	1180	0.106	ng	91
3) n-Nitrosodimethylamine	3.72	42	963	0.144	ng	# 66
6) bis(2-Chloroethyl)ether	7.32	93	2081	0.117	ng	99
9) Naphthalene	10.74	128	22343	0.105	ng	99
10) Hexachlorobutadiene	11.04	225	1251	0.126	ng	89
12) 2-Methylnaphthalene	12.38	142	3393	0.105	ng	97
16) Acenaphthylene	14.28	152	5364	0.105	ng	98
17) Acenaphthene	14.61	154	3534	0.102	ng	97
18) Fluorene	15.60	166	4629	0.105	ng	100
20) 4-Bromophenyl-phenylether	16.50	248	1672	0.099	ng	# 86
21) Hexachlorobenzene	16.60	284	2009	0.106	ng	98
22) Pentachlorophenol	16.95	266	333	0.076	ng	# 75
23) Phenanthrene	17.35	178	8738	0.102	ng	99
24) Anthracene	17.44	178	6972	0.099	ng	98
26) Fluoranthene	19.37	202	10383	0.097	ng	99
28) Pyrene	19.72	202	11514	0.105	ng	100
30) Benzo(a)anthracene	21.47	228	11484	0.110	ng	99
31) Chrysene	21.52	228	13535	0.104	ng	98
32) Bis(2-ethylhexyl)phthalate	21.43	149	9167	0.071	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.74	276	11071	0.080	ng	# 93
35) Benzo(b)fluoranthene	23.32	252	11935	0.098	ng	98
36) Benzo(k)fluoranthene	23.32	252	11935	0.085	ng	97
37) Benzo(a)pyrene	23.93	252	9696	0.083	ng	# 93
38) Dibenzo(a,h)anthracene	26.78	278	9225	0.073	ng	97
39) Benzo(g,h,i)perylene	27.56	276	10267	0.080	ng	95

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

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Quant Time: Oct 03 11:31:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 11:25:02 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.90 min Scan# 437

Delta R.T. -0.00 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

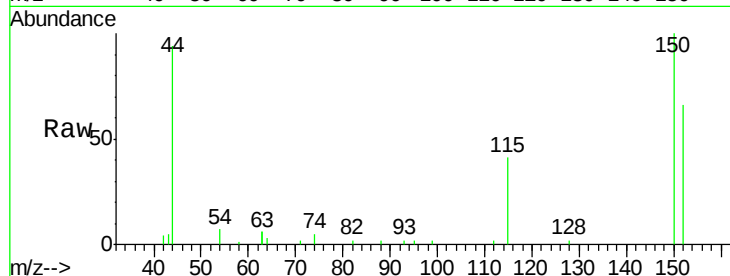
Tgt Ion:152 Resp: 5326

Ion Ratio Lower Upper

152 100

150 150.9 120.9 181.3

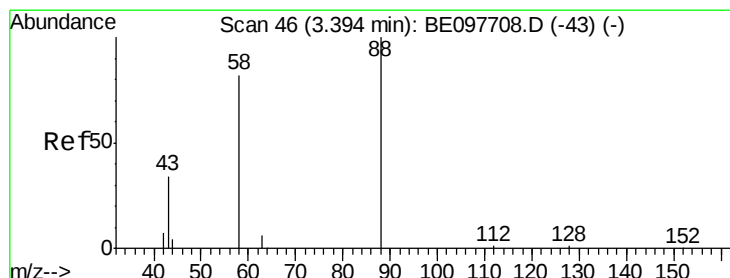
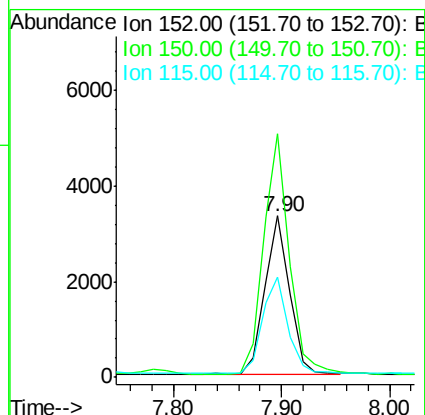
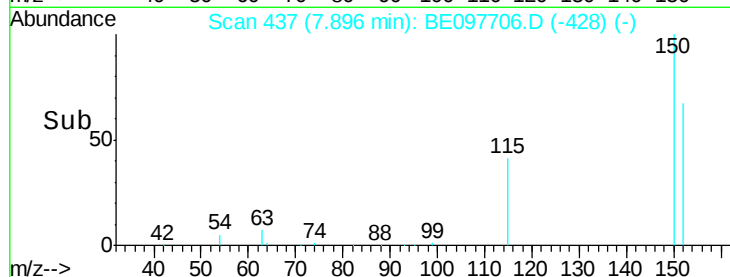
115 62.1 46.6 69.8



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: 0.106 ng

RT: 3.39 min Scan# 46

Delta R.T. -0.00 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

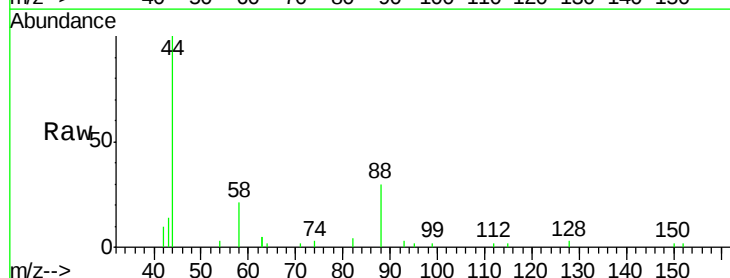
Tgt Ion: 88 Resp: 1180

Ion Ratio Lower Upper

88 100

58 81.4 70.8 106.2

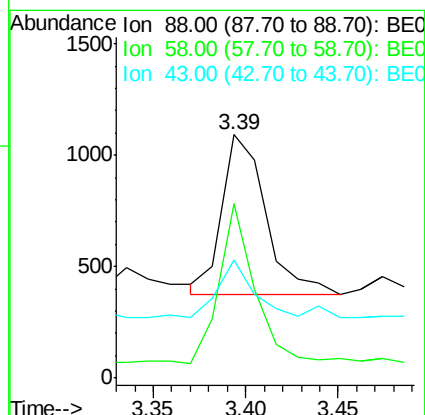
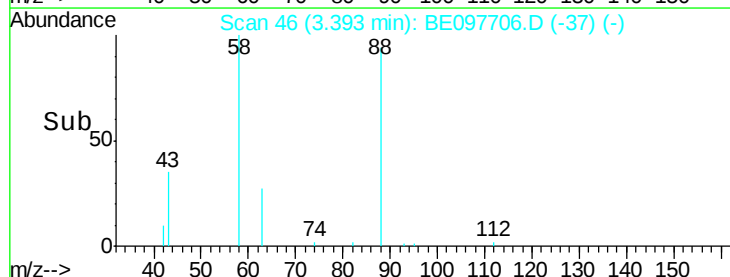
43 33.8 33.3 49.9

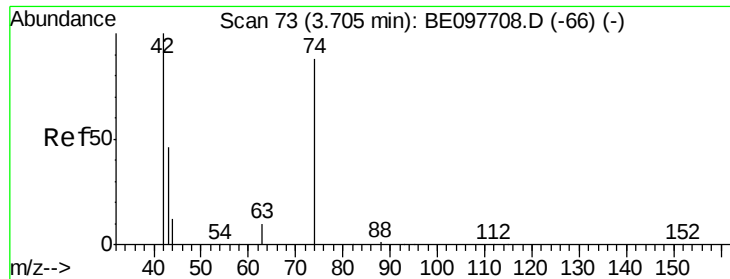


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.144 ng

RT: 3.72 min Scan# 74

Delta R.T. 0.01 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

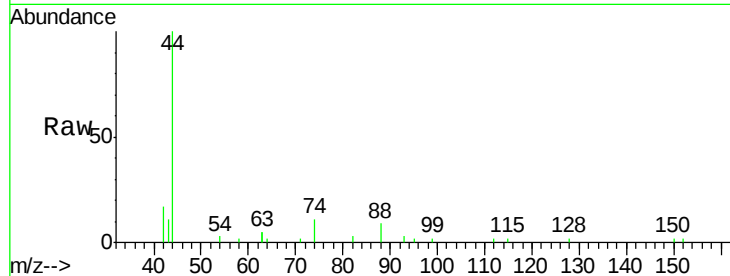
Tgt Ion: 42 Resp: 963

Ion Ratio Lower Upper

42 100

74 84.0 70.7 106.1

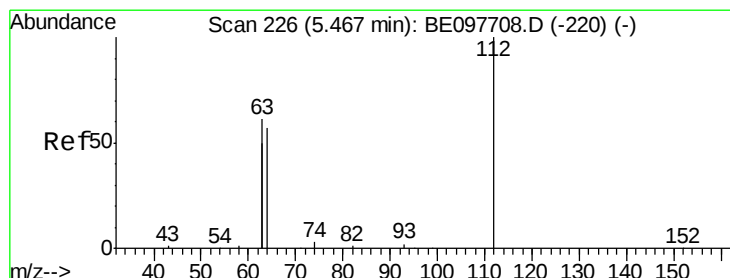
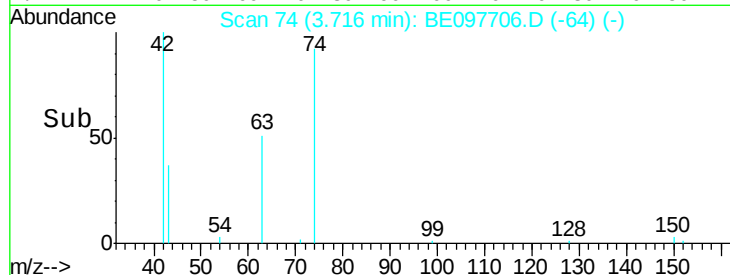
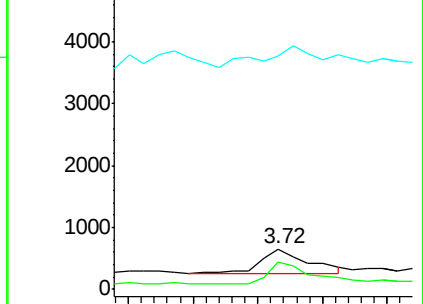
44 96.2 15.0 22.4#



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: 0.100 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

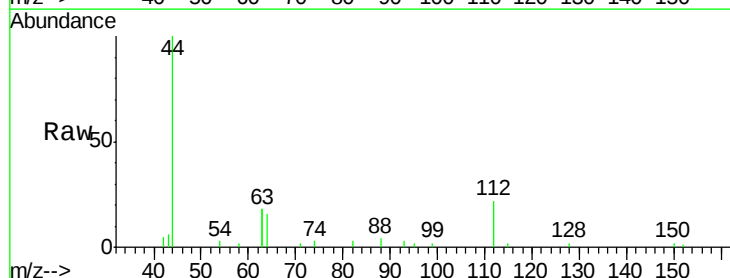
Tgt Ion: 112 Resp: 1314

Ion Ratio Lower Upper

112 100

64 77.3 56.6 84.8

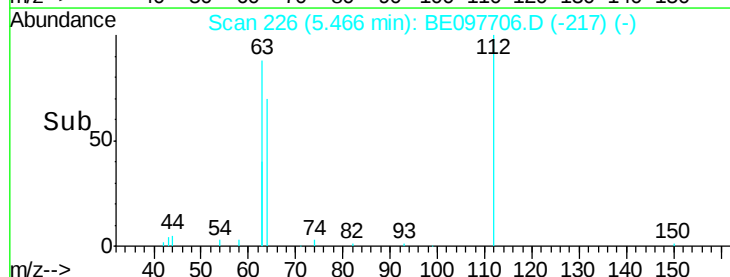
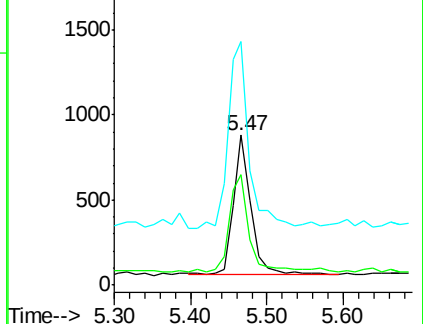
63 161.3 119.4 179.0

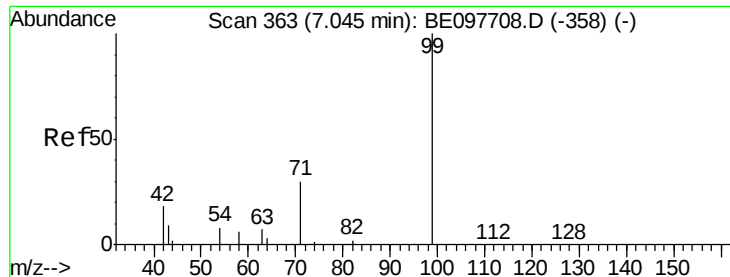


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.117 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

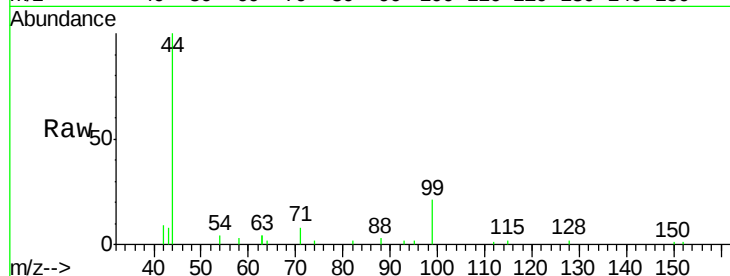
Tgt Ion: 99 Resp: 2127

Ion Ratio Lower Upper

99 100

42 29.3 19.9 29.9

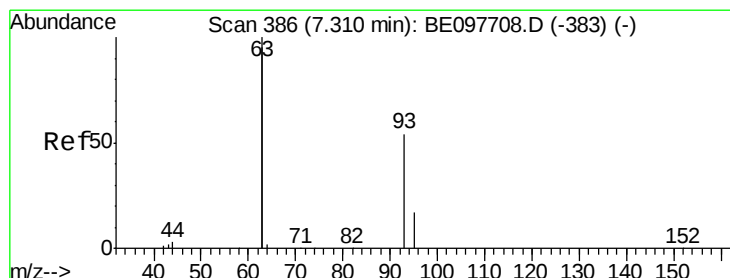
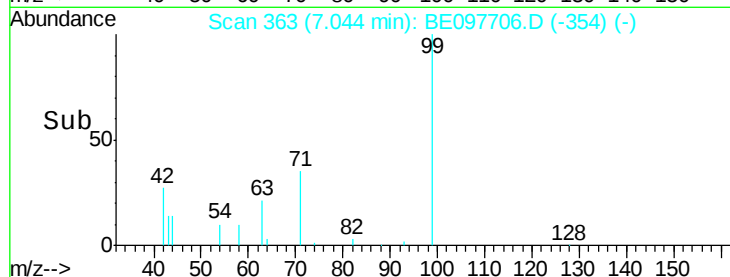
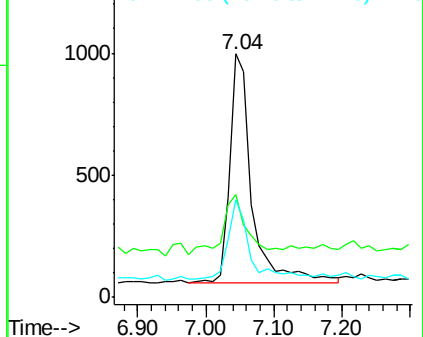
71 33.5 25.4 38.2



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: 0.117 ng

RT: 7.32 min Scan# 387

Delta R.T. 0.01 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

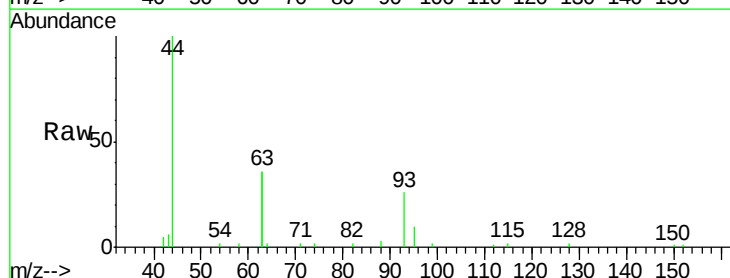
Tgt Ion: 93 Resp: 2081

Ion Ratio Lower Upper

93 100

63 332.6 266.9 400.3

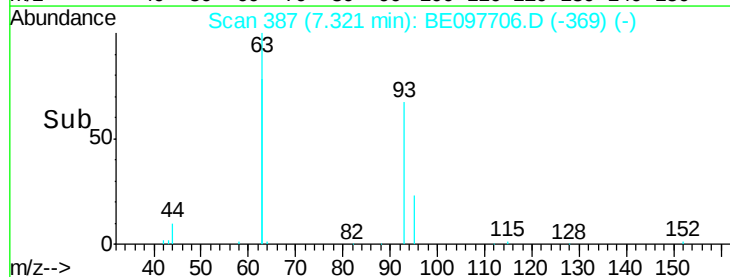
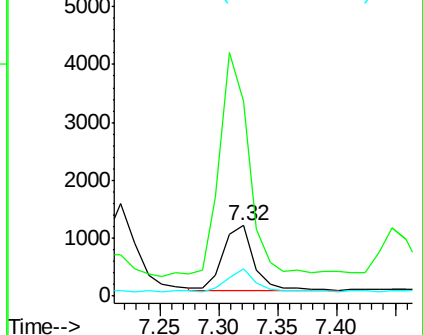
95 33.6 26.2 39.2

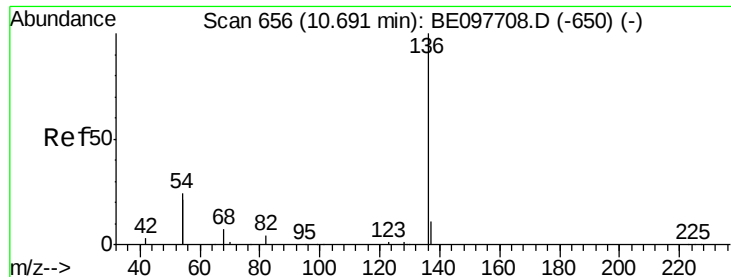


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.70 min Scan# 657

Delta R.T. 0.01 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tgt Ion: 136 Resp: 21467

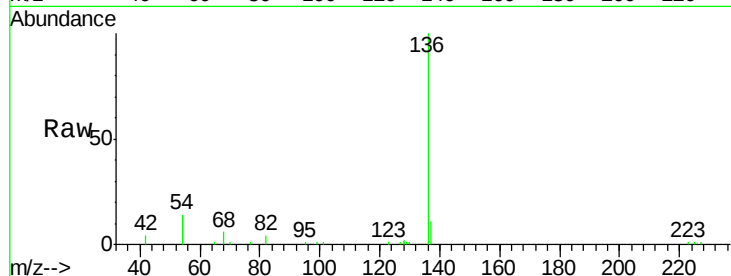
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 27.7 37.8 56.6#

68 5.6 6.4 9.6#

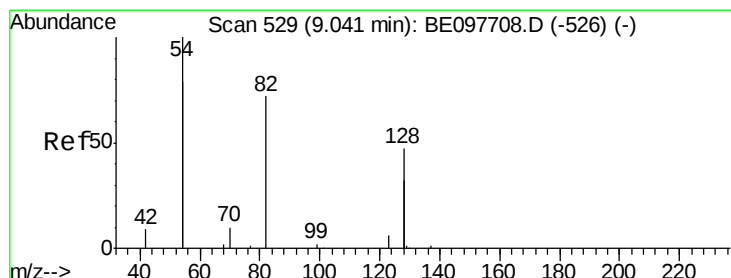
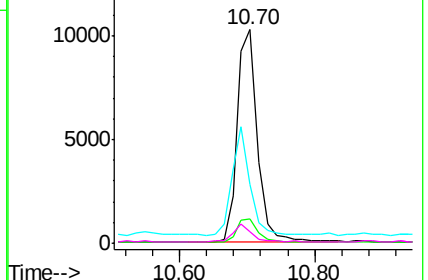
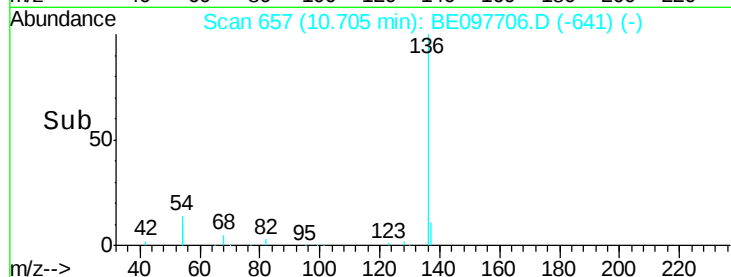


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.044 ng

RT: 9.05 min Scan# 530

Delta R.T. 0.01 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

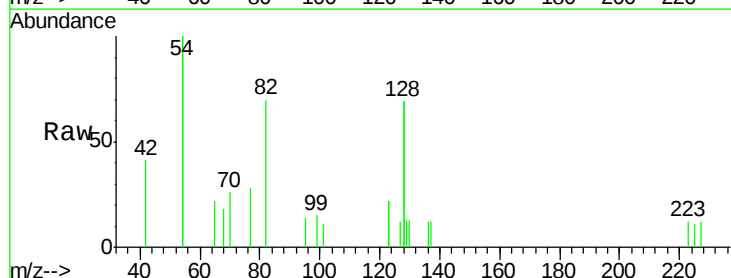
Tgt Ion: 82 Resp: 674

Ion Ratio Lower Upper

82 100

128 197.9 97.0 145.4#

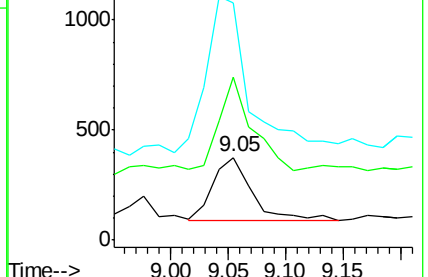
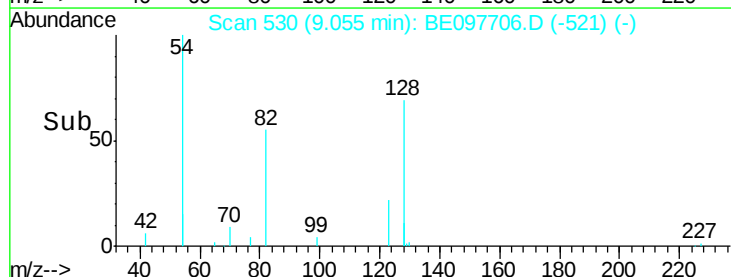
54 286.9 206.9 310.3

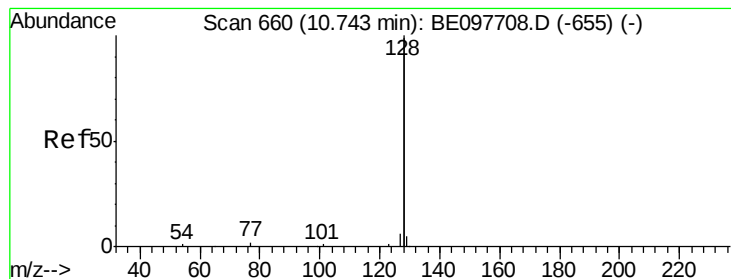


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.105 ng

RT: 10.74 min Scan# 660

Delta R.T. 0.00 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

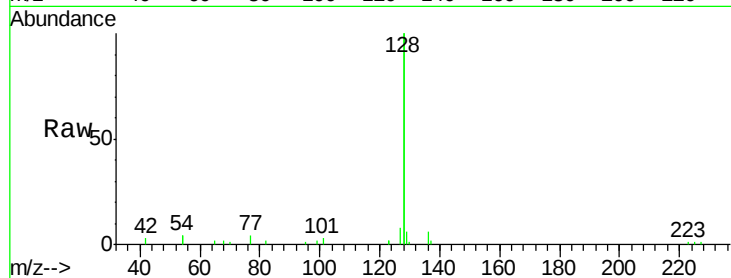
Tgt Ion:128 Resp: 22343

Ion Ratio Lower Upper

128 100

129 3.1 2.2 3.2

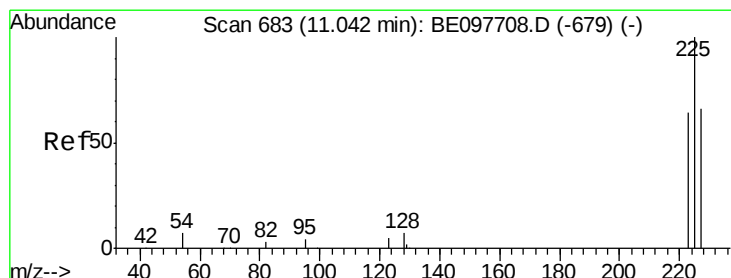
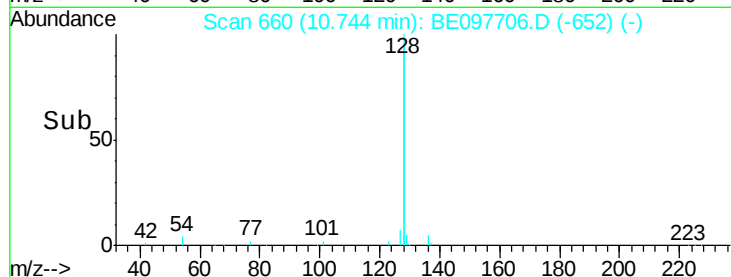
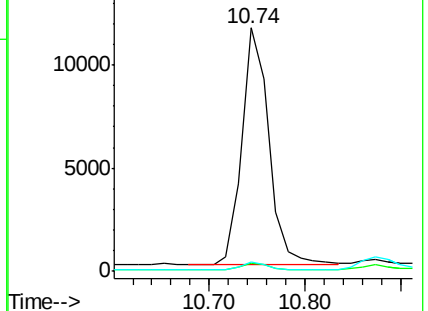
127 4.0 2.7 4.1



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: 0.126 ng

RT: 11.04 min Scan# 683

Delta R.T. 0.00 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

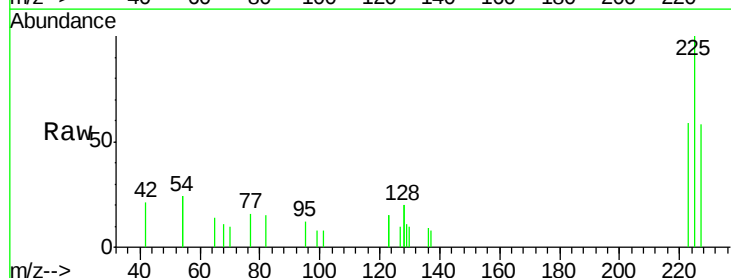
Tgt Ion:225 Resp: 1251

Ion Ratio Lower Upper

225 100

223 55.3 52.2 78.4

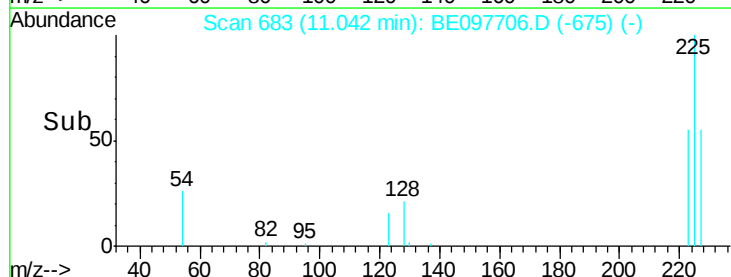
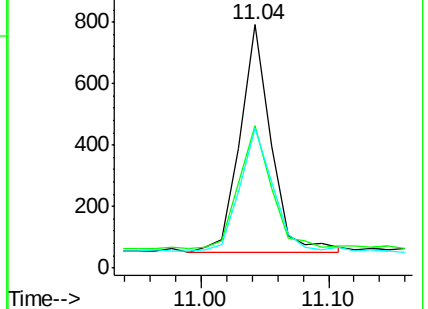
227 56.8 51.2 76.8

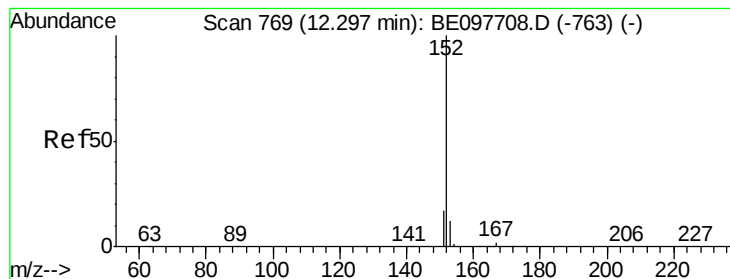


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.102 ng

RT: 12.31 min Scan# 770

Delta R.T. 0.01 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

Instrument :

BNA_E

ClientSampleId :

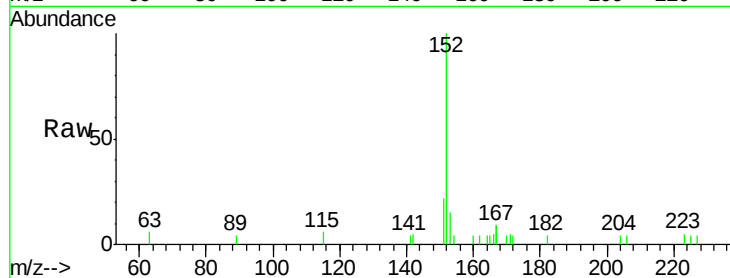
SSTDIC0.1

Tgt Ion:152 Resp: 3402

Ion Ratio Lower Upper

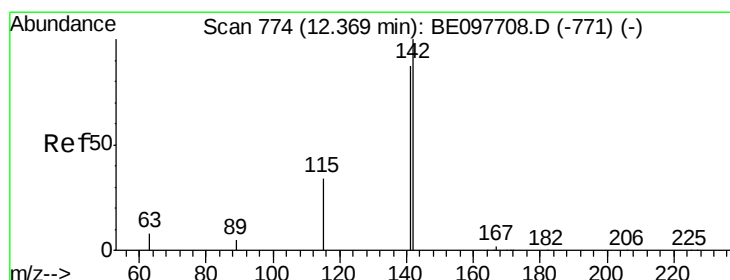
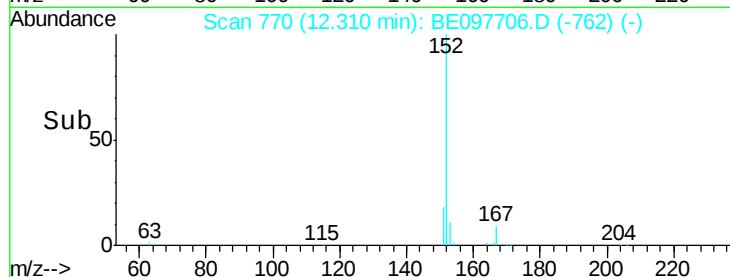
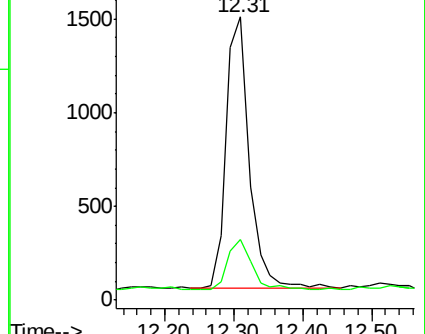
152 100

151 19.4 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: 0.105 ng

RT: 12.38 min Scan# 775

Delta R.T. 0.01 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

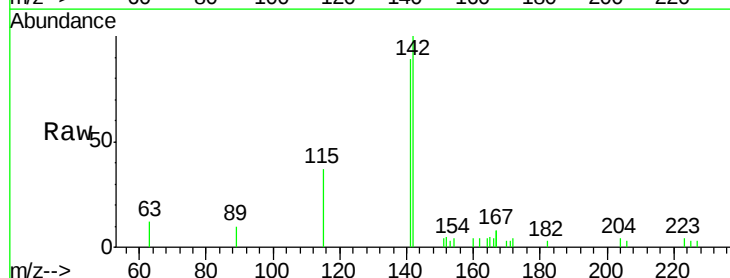
Tgt Ion:142 Resp: 3393

Ion Ratio Lower Upper

142 100

141 88.7 69.4 104.2

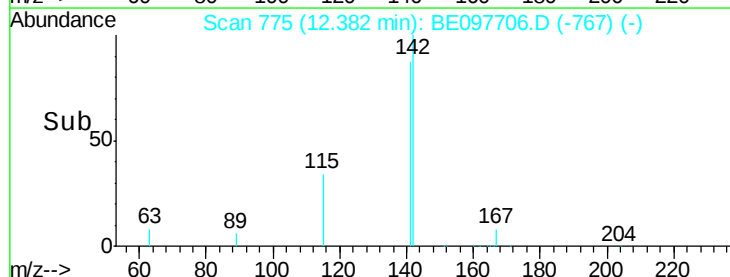
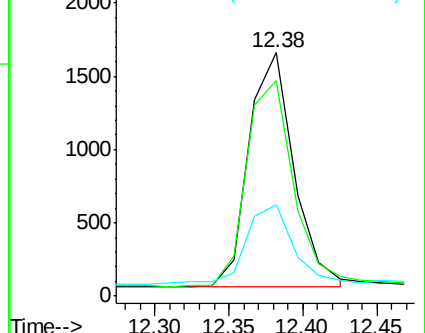
115 37.4 28.0 42.0

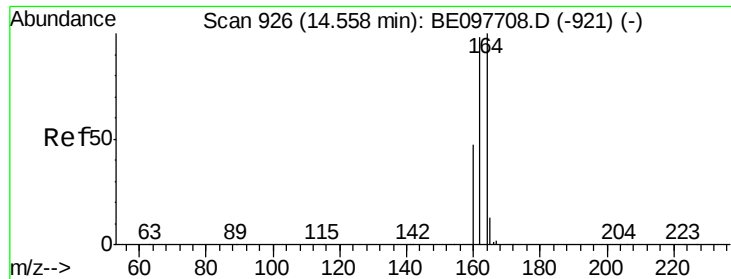


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

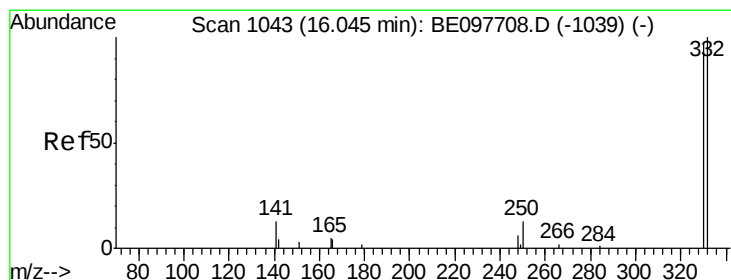
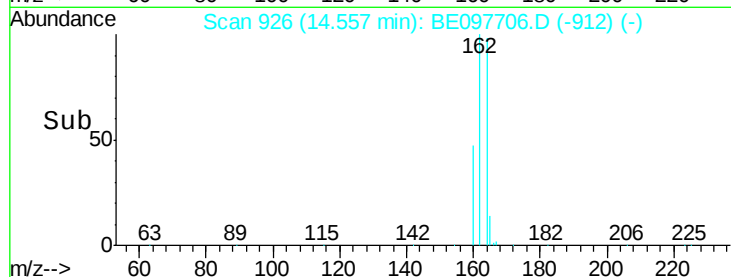
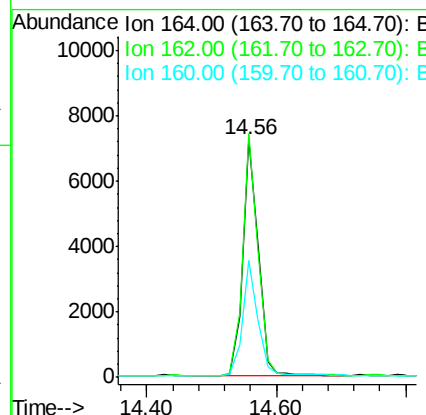
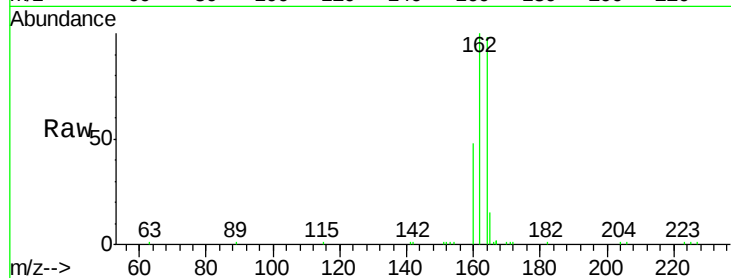




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

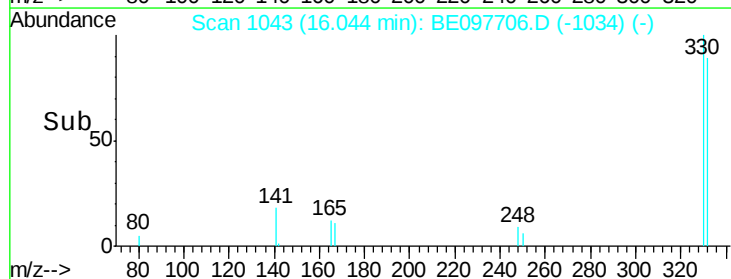
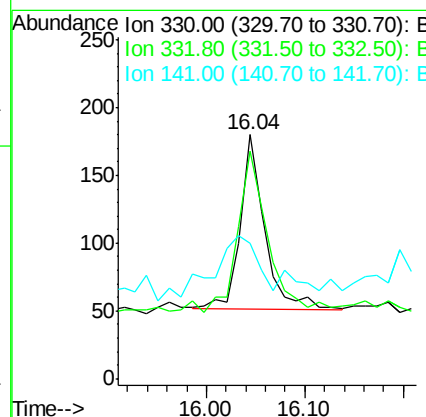
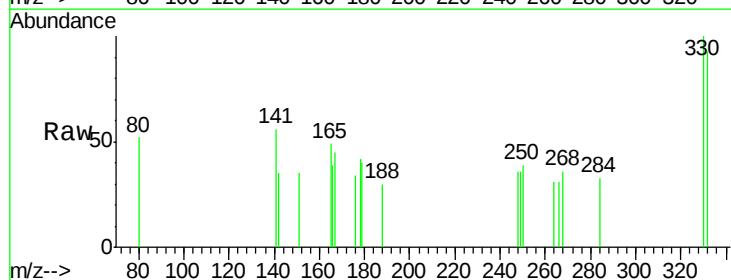
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

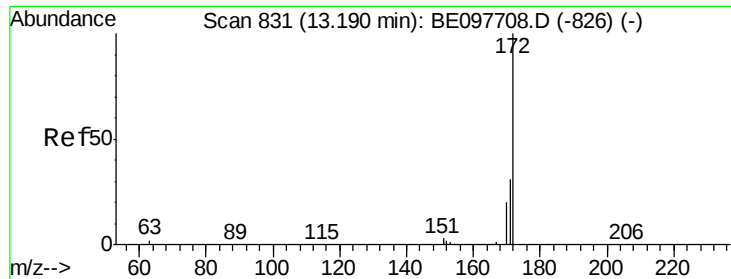
Tgt Ion:164 Resp: 12011
Ion Ratio Lower Upper
164 100
162 102.3 78.6 117.8
160 48.9 37.8 56.6



#14
2,4,6-Tribromophenol
Concen: 0.047 ng
RT: 16.04 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Tgt Ion:330 Resp: 219
Ion Ratio Lower Upper
330 100
332 115.5 83.5 125.3
141 61.2 34.9 52.3#

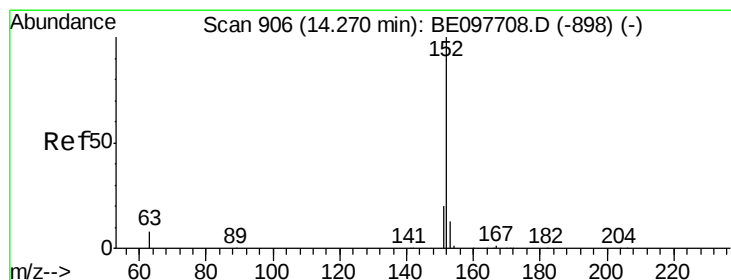
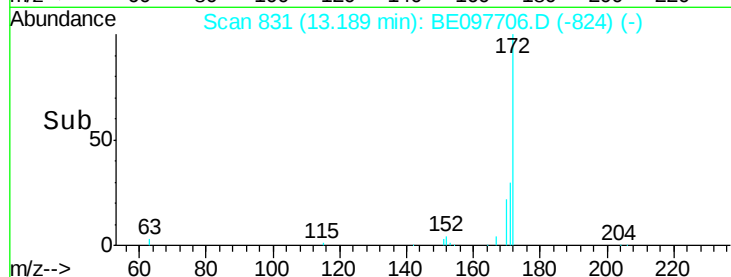
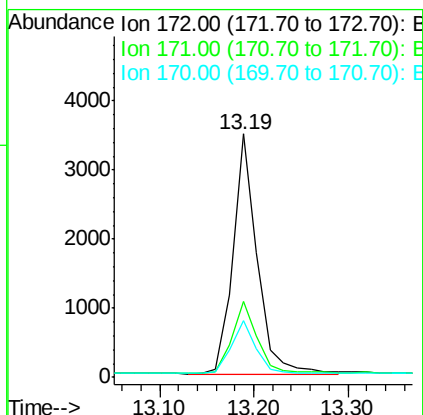
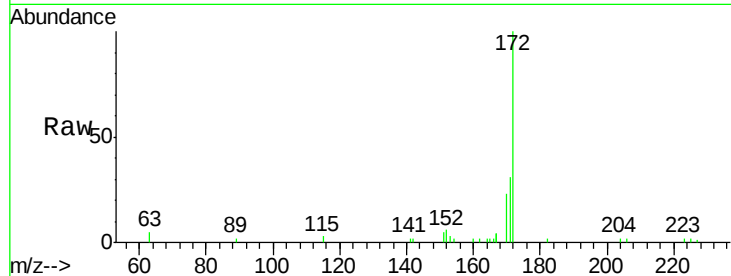




#15
2-Fluorobiphenyl
Concen: 0.122 ng
RT: 13.19 min Scan# 831
Delta R.T. -0.00 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

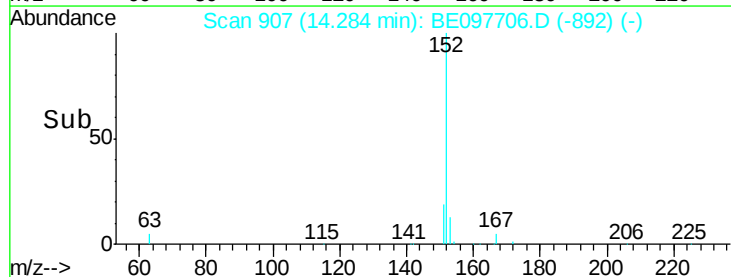
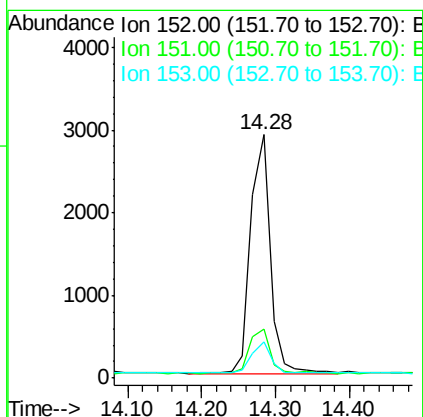
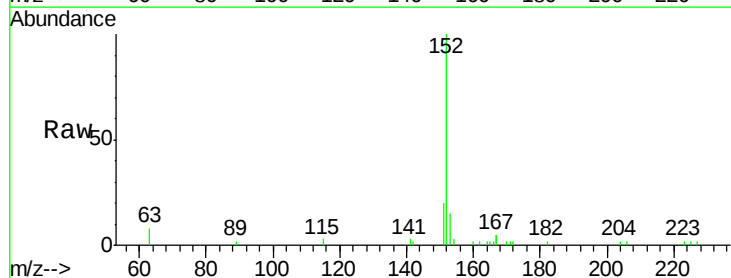
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

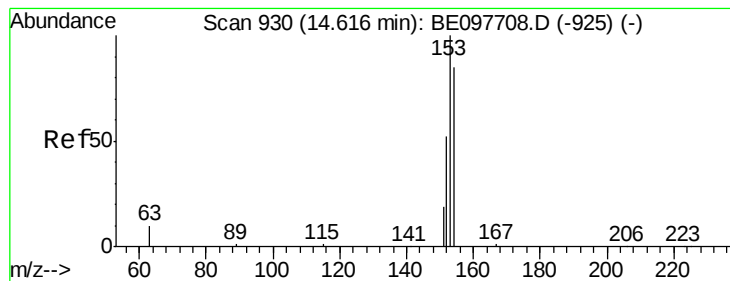
Tgt Ion:172 Resp: 6151
Ion Ratio Lower Upper
172 100
171 31.3 25.2 37.8
170 23.3 16.2 24.2



#16
Acenaphthylene
Concen: 0.105 ng
RT: 14.28 min Scan# 907
Delta R.T. 0.01 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Tgt Ion:152 Resp: 5364
Ion Ratio Lower Upper
152 100
151 20.1 15.3 22.9
153 12.8 10.8 16.2





#17

Acenaphthene

Concen: 0.102 ng

RT: 14.61 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

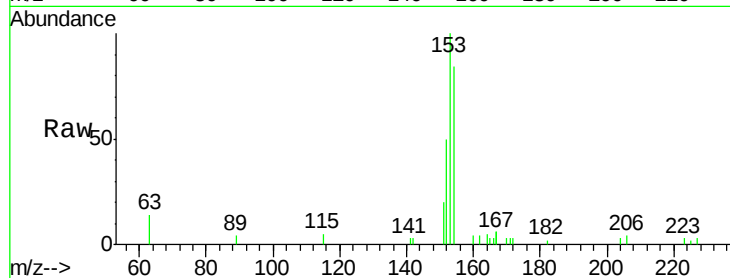
Tgt Ion:154 Resp: 3534

Ion Ratio Lower Upper

154 100

153 115.7 93.3 139.9

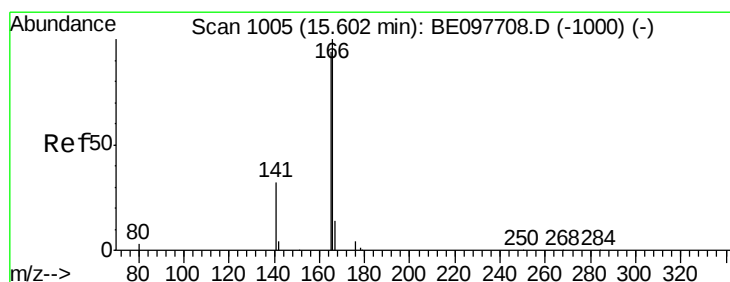
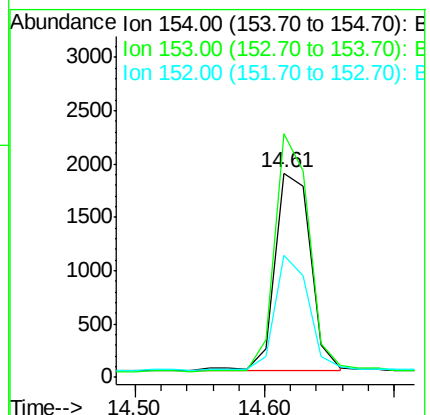
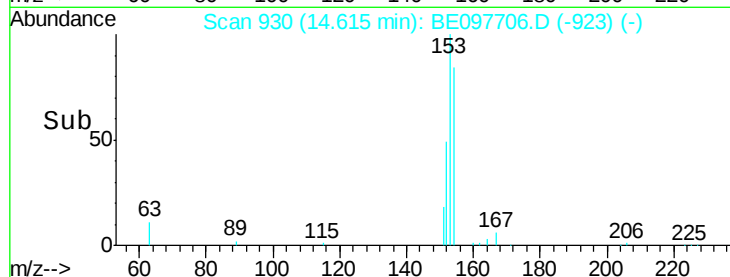
152 55.0 48.9 73.3



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: 0.105 ng

RT: 15.60 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

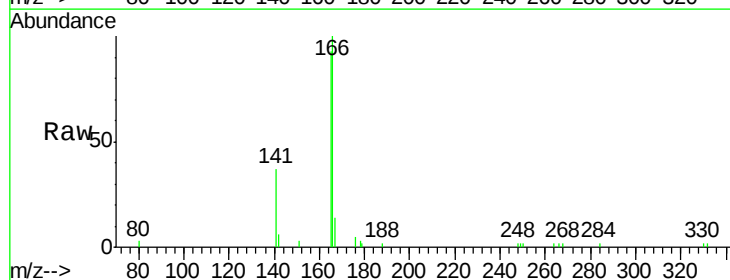
Tgt Ion:166 Resp: 4629

Ion Ratio Lower Upper

166 100

165 98.6 79.0 118.4

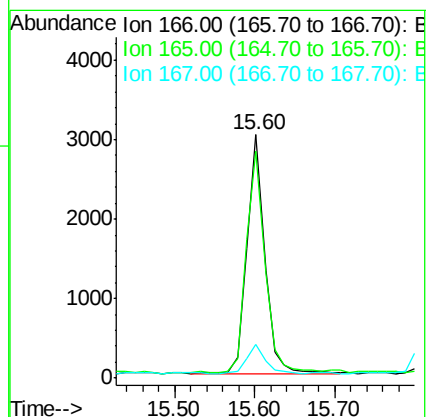
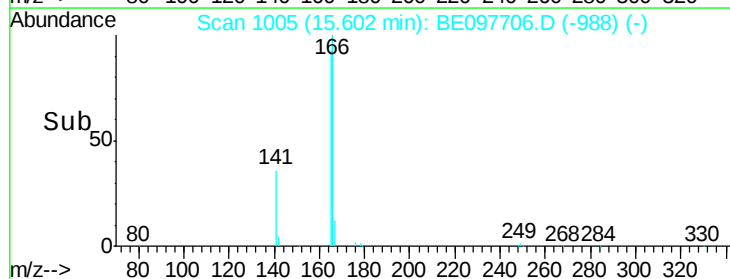
167 12.8 11.1 16.7

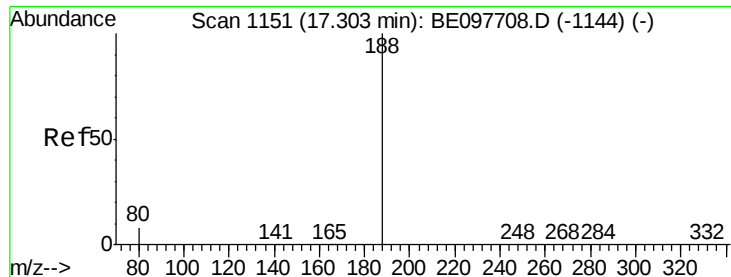


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.30 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

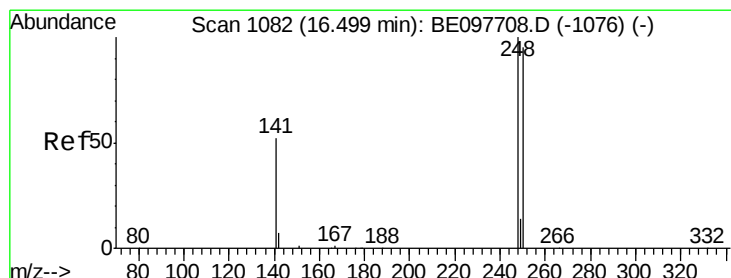
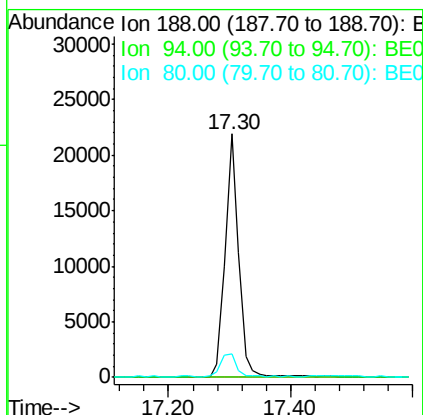
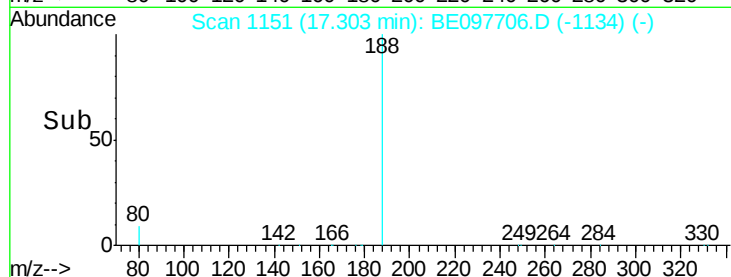
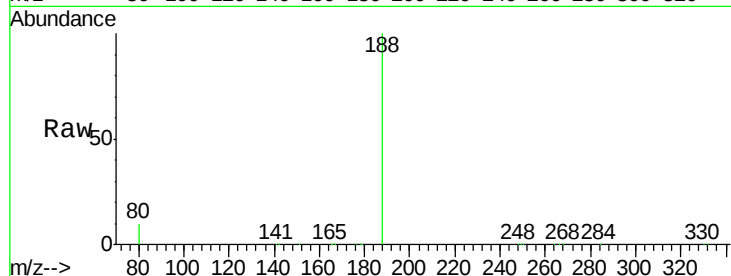
Tgt Ion:188 Resp: 33189

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.5 6.6 9.8



#20

4-Bromophenyl-phenylether

Concen: 0.099 ng

RT: 16.50 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

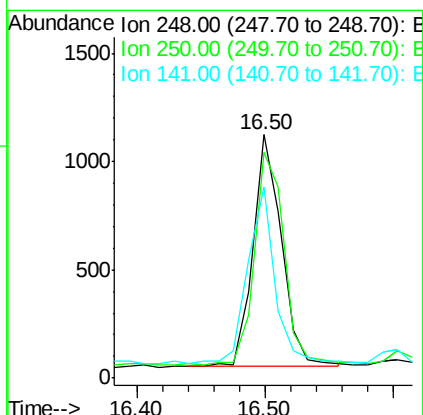
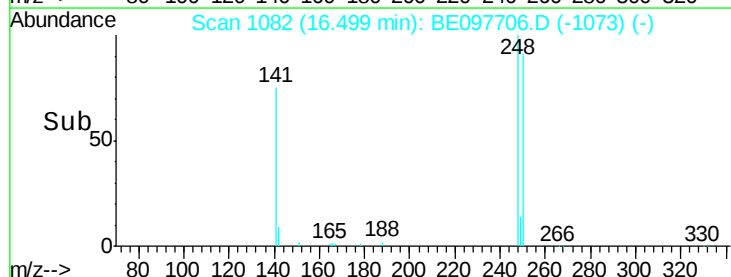
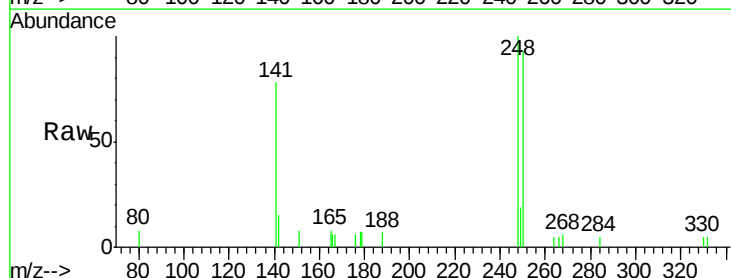
Tgt Ion:248 Resp: 1672

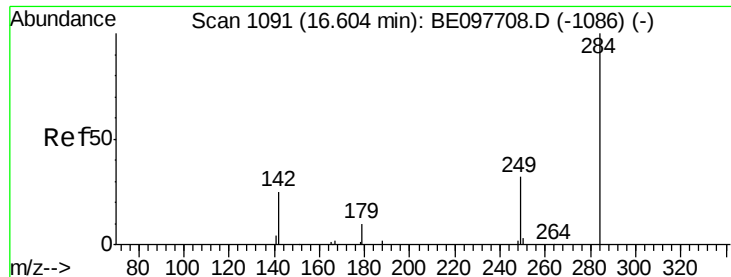
Ion Ratio Lower Upper

248 100

250 92.6 76.1 114.1

141 78.3 42.2 63.4#





#21

Hexachlorobenzene

Concen: 0.106 ng

RT: 16.60 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

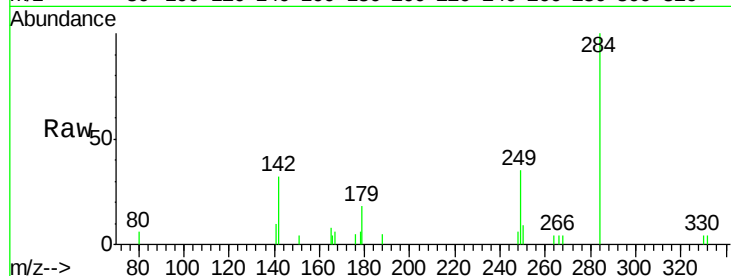
Tgt Ion:284 Resp: 2009

Ion Ratio Lower Upper

284 100

142 31.5 24.9 37.3

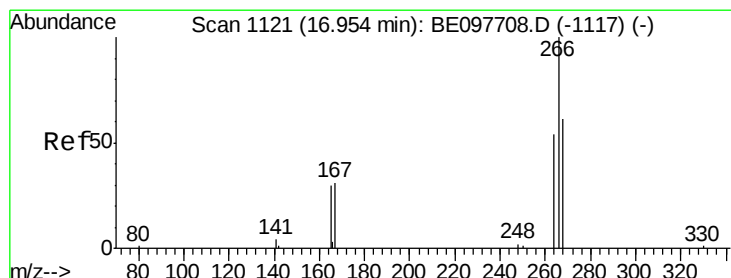
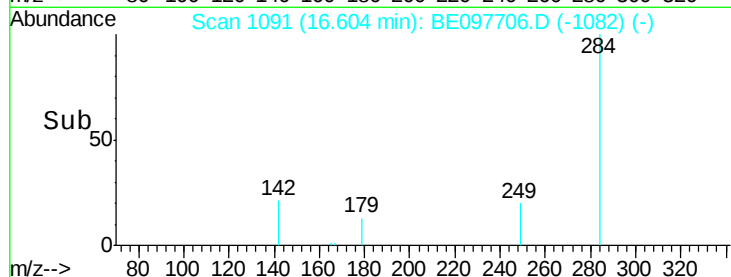
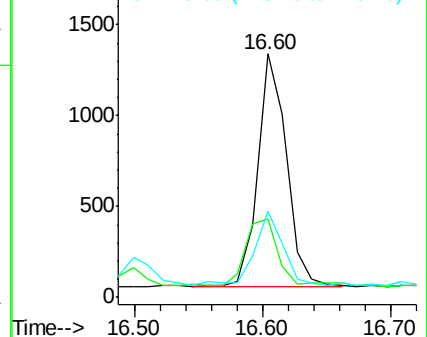
249 30.5 25.8 38.8



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: 0.076 ng

RT: 16.95 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

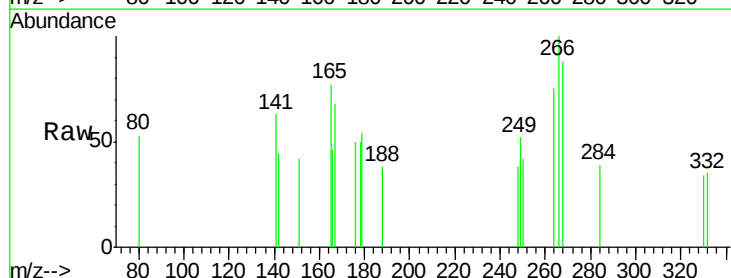
Tgt Ion:266 Resp: 333

Ion Ratio Lower Upper

266 100

264 74.8 46.8 70.2#

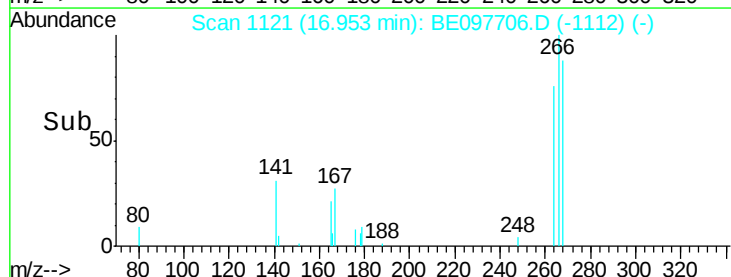
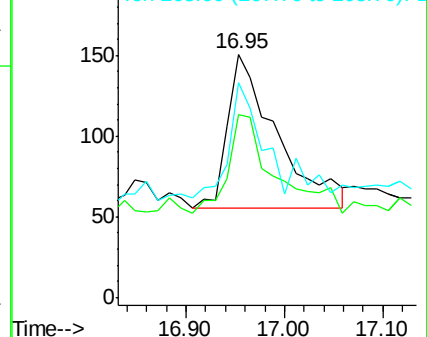
268 88.1 53.0 79.6#

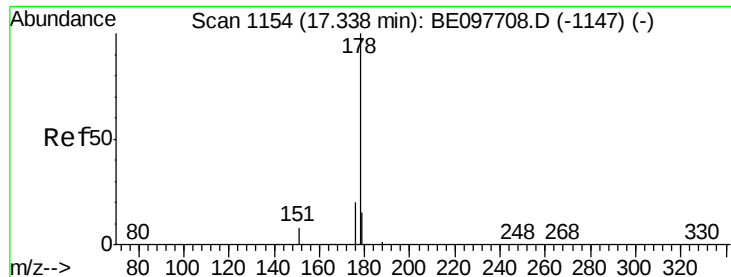


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.102 ng

RT: 17.35 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

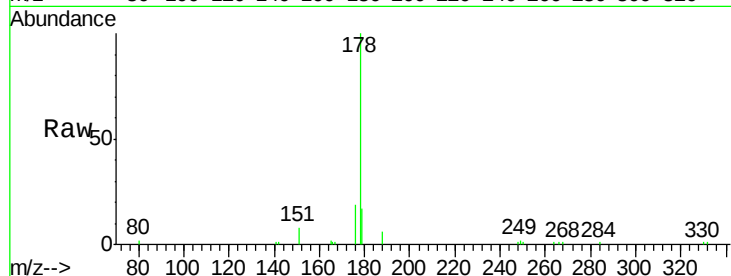
Tgt Ion:178 Resp: 8738

Ion Ratio Lower Upper

178 100

176 18.3 15.4 23.2

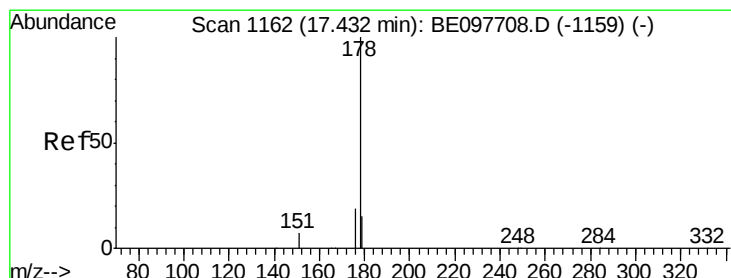
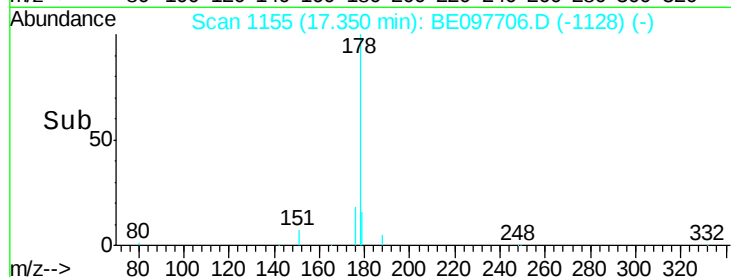
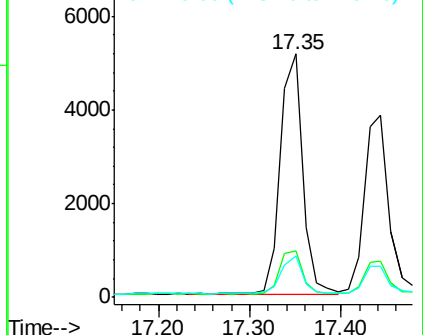
179 15.5 12.2 18.4



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: 0.099 ng

RT: 17.44 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

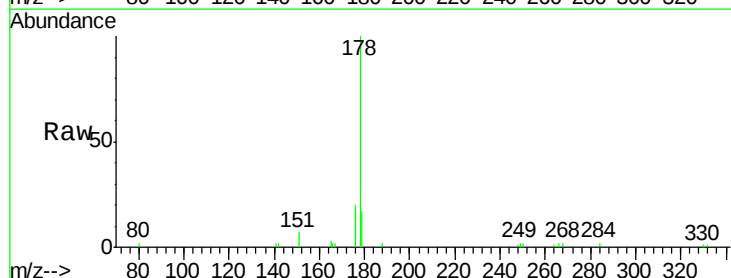
Tgt Ion:178 Resp: 6972

Ion Ratio Lower Upper

178 100

176 18.0 15.1 22.7

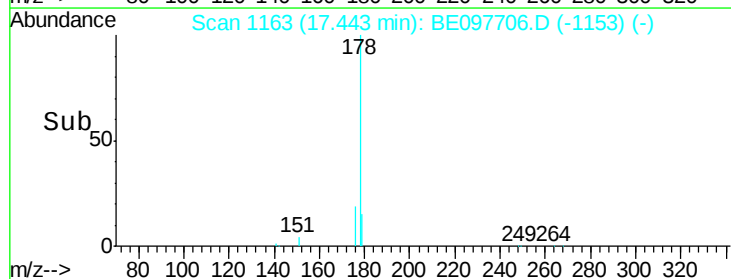
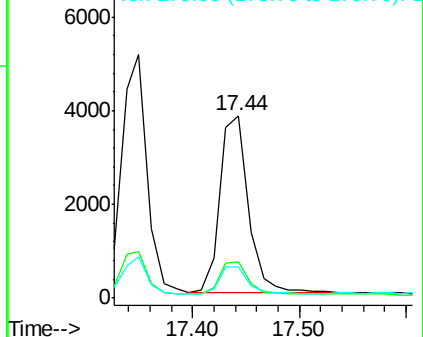
179 16.1 12.2 18.2

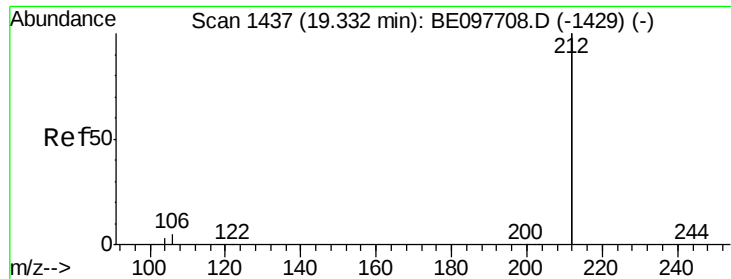


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.103 ng

RT: 19.33 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

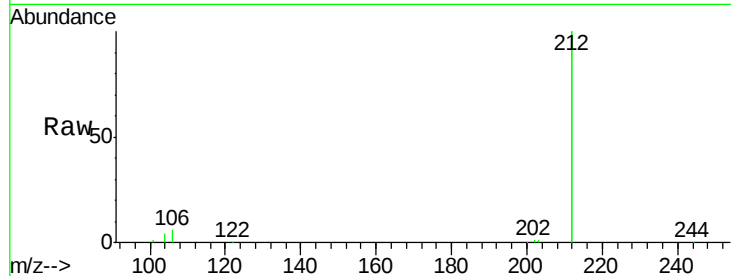
Tgt Ion:212 Resp: 41283

Ion Ratio Lower Upper

212 100

106 2.8 2.2 3.2

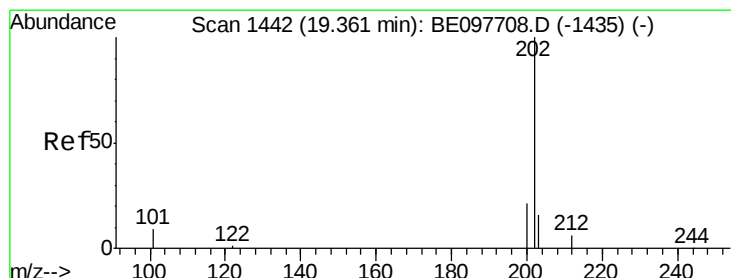
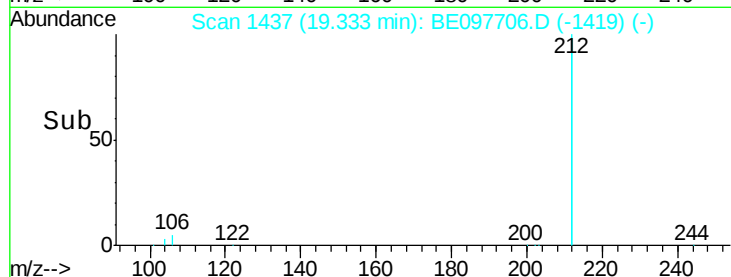
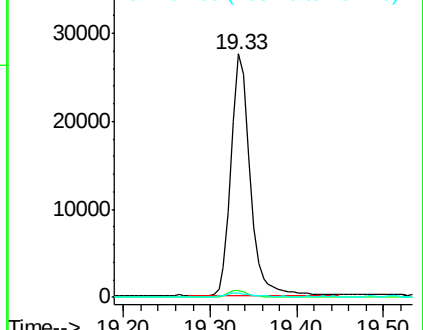
104 1.6 1.2 1.8



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.097 ng

RT: 19.37 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

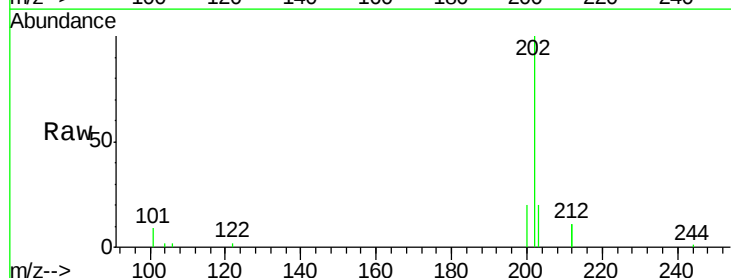
Tgt Ion:202 Resp: 10383

Ion Ratio Lower Upper

202 100

101 10.6 7.8 11.8

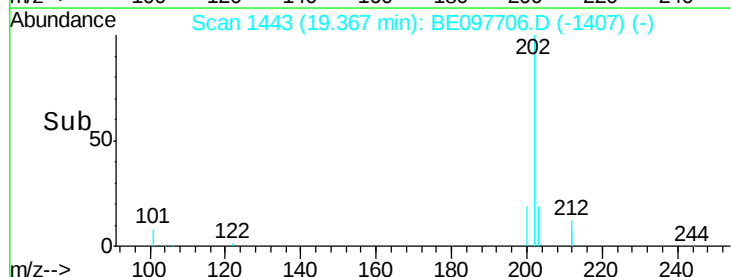
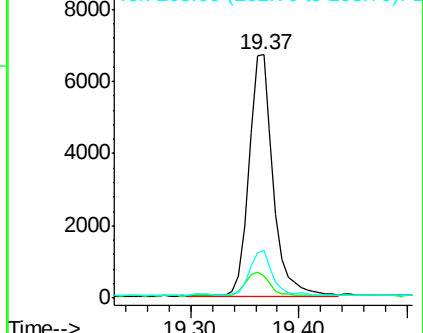
203 17.6 13.8 20.6

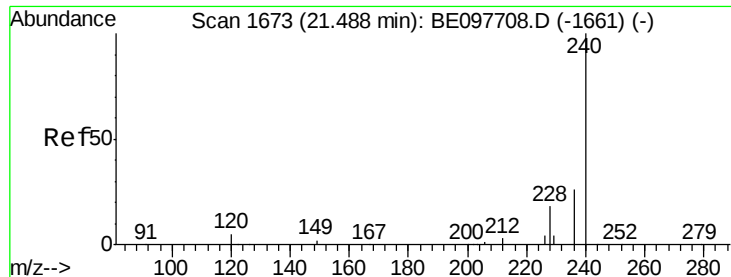


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.49 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

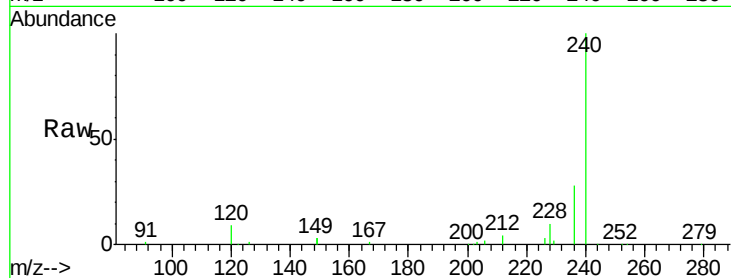
Tgt Ion:240 Resp: 42216

Ion Ratio Lower Upper

240 100

120 8.6 4.7 7.1#

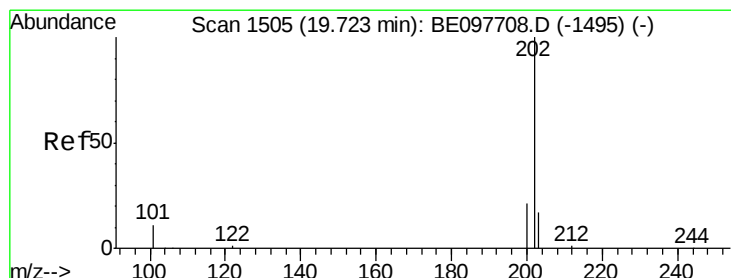
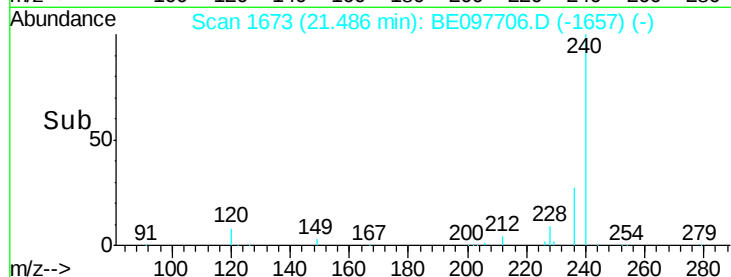
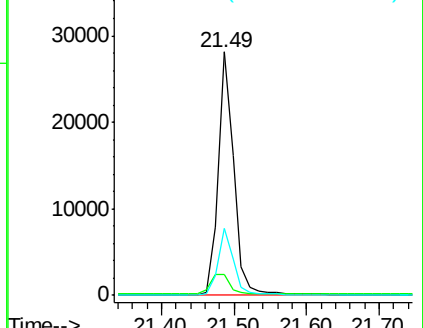
236 27.6 20.8 31.2



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: 0.105 ng

RT: 19.72 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

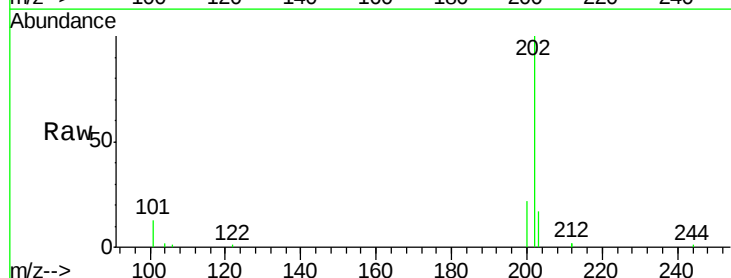
Tgt Ion:202 Resp: 11514

Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

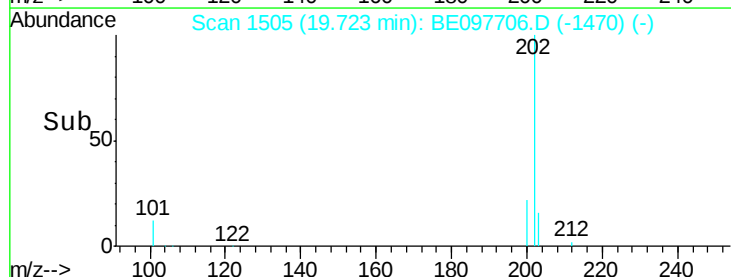
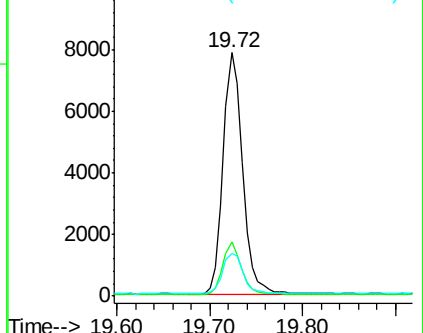
203 17.3 13.9 20.9

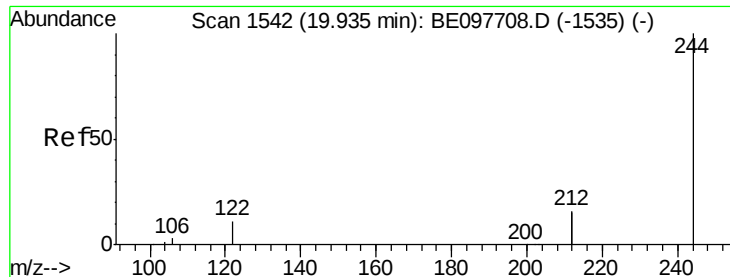


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.105 ng

RT: 19.94 min Scan# 1543

Delta R.T. 0.01 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

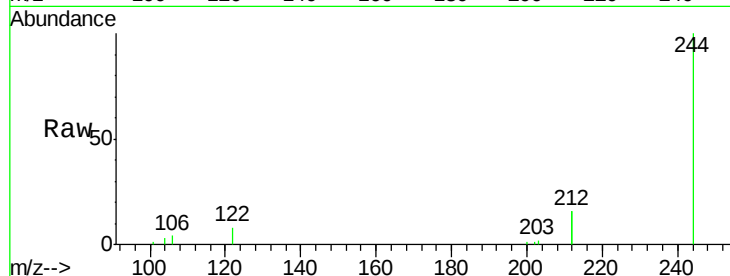
Tgt Ion:244 Resp: 9604

Ion Ratio Lower Upper

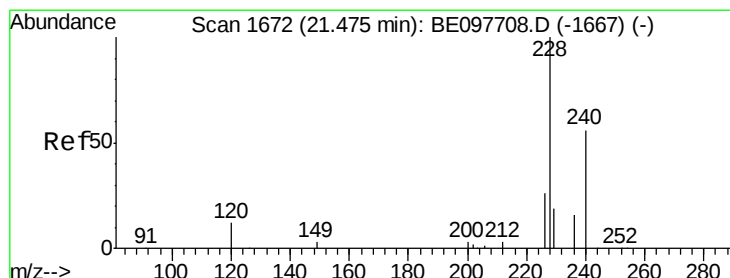
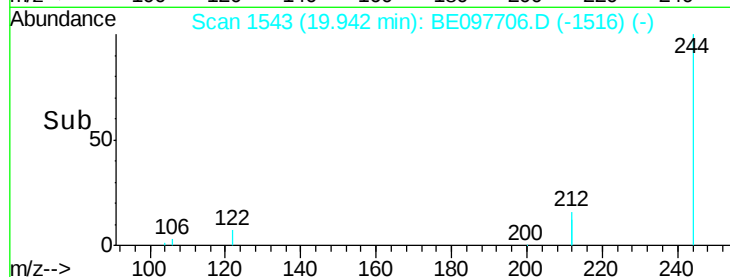
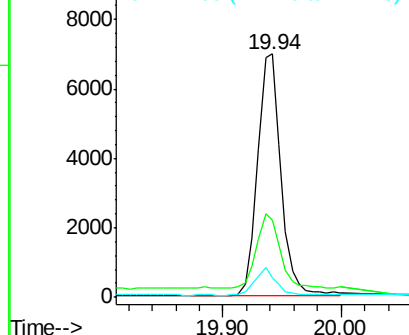
244 100

212 31.7 25.8 38.8

122 8.0 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: 0.110 ng

RT: 21.47 min Scan# 1672

Delta R.T. -0.00 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

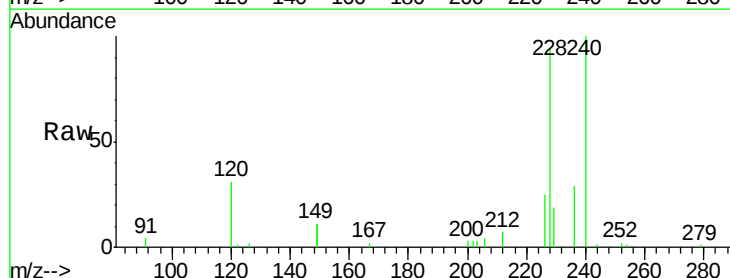
Tgt Ion:228 Resp: 11484

Ion Ratio Lower Upper

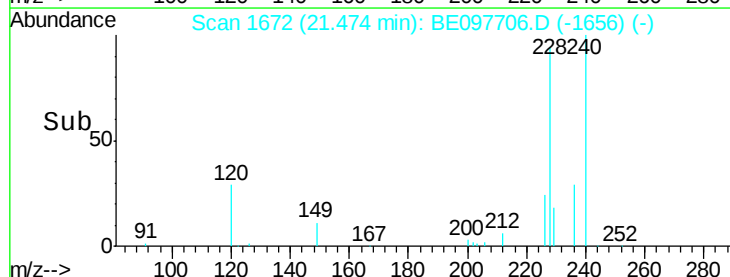
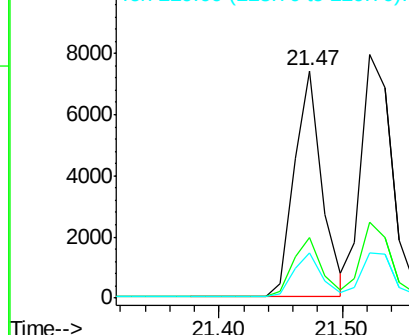
228 100

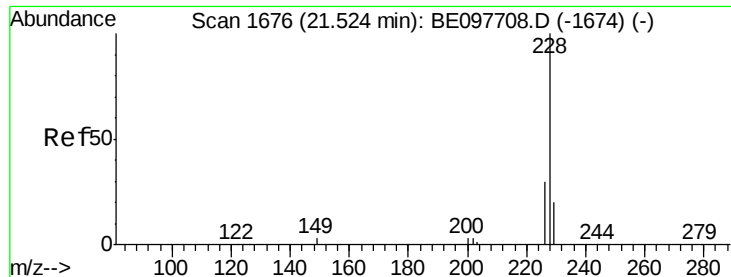
226 26.4 20.7 31.1

229 20.0 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: 0.104 ng

RT: 21.52 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

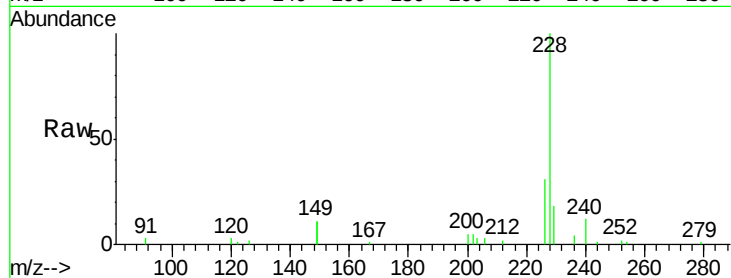
Tgt Ion:228 Resp: 13535

Ion Ratio Lower Upper

228 100

226 31.4 24.3 36.5

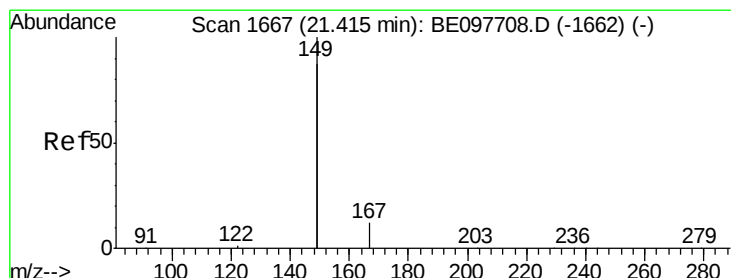
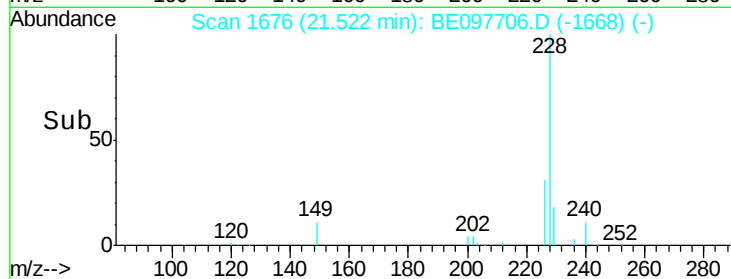
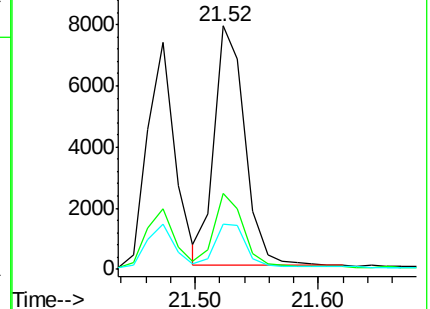
229 18.5 16.0 24.0



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: 0.071 ng

RT: 21.43 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

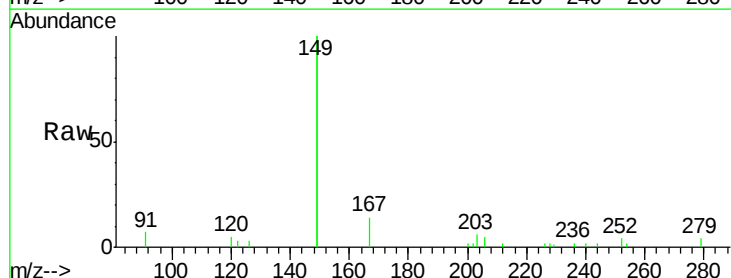
Tgt Ion:149 Resp: 9167

Ion Ratio Lower Upper

149 100

167 6.8 5.5 8.3

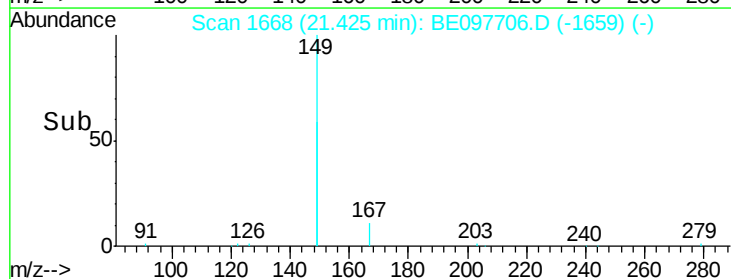
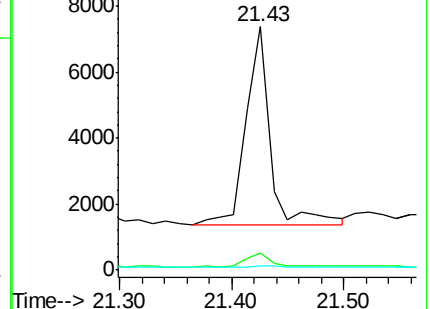
279 1.5 0.9 1.3#

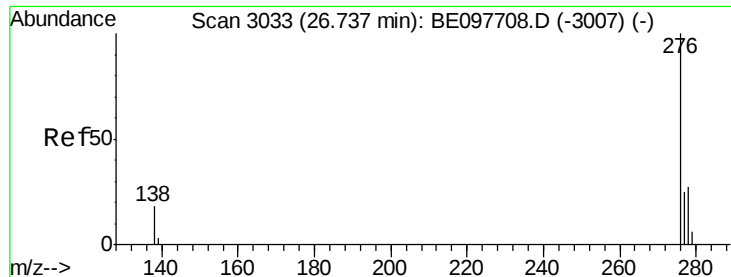


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.080 ng

RT: 26.74 min Scan# 3034

Delta R.T. 0.00 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

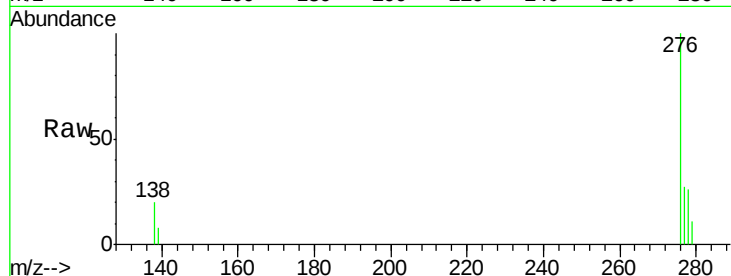
Tgt Ion:276 Resp: 11071

Ion Ratio Lower Upper

276 100

138 11.8 15.0 22.6#

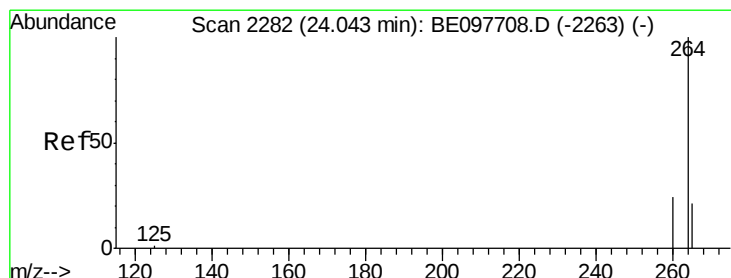
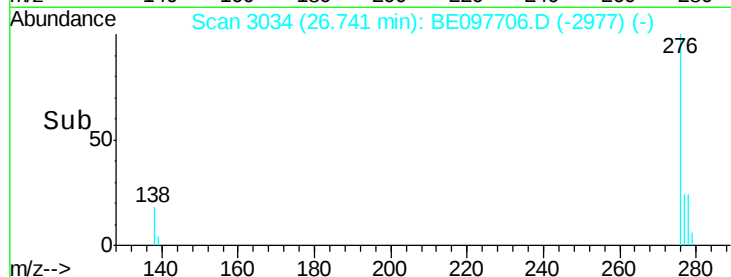
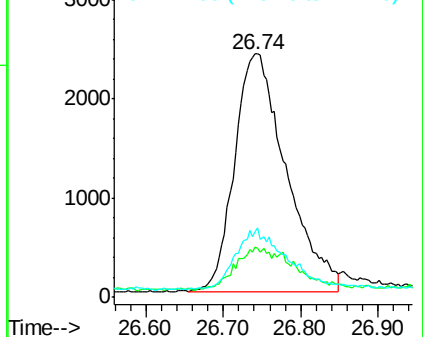
277 24.3 19.2 28.8



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# 2281

Delta R.T. -0.00 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

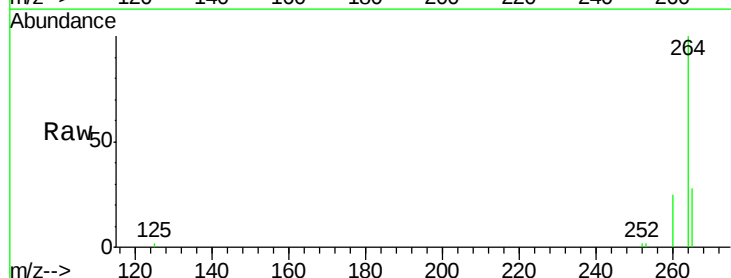
Tgt Ion:264 Resp: 42075

Ion Ratio Lower Upper

264 100

260 24.9 19.1 28.7

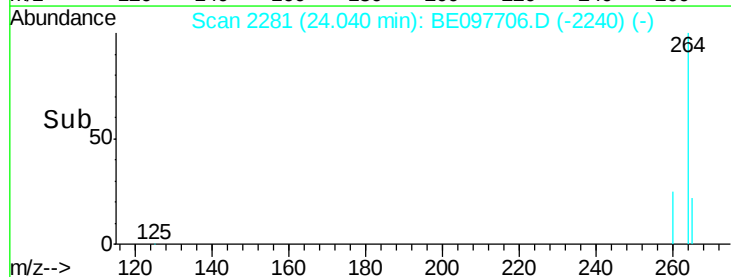
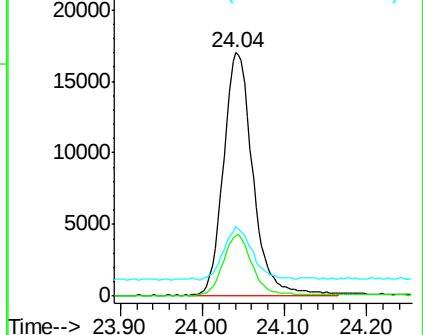
265 28.5 21.9 32.9

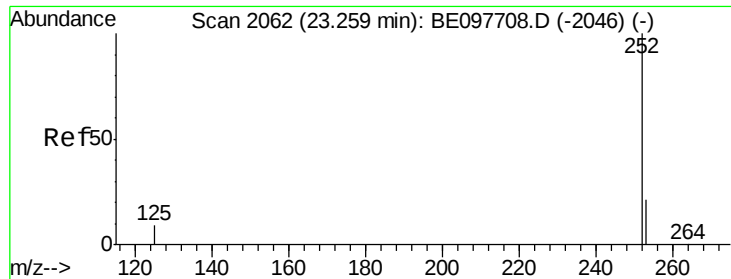


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

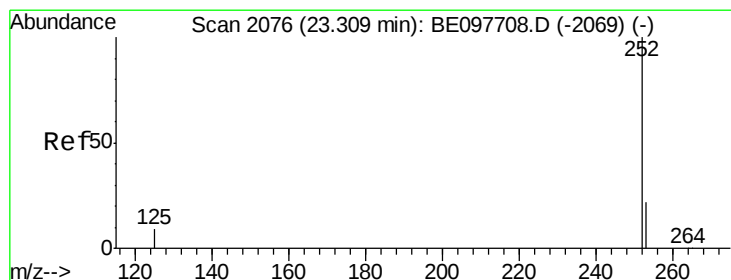
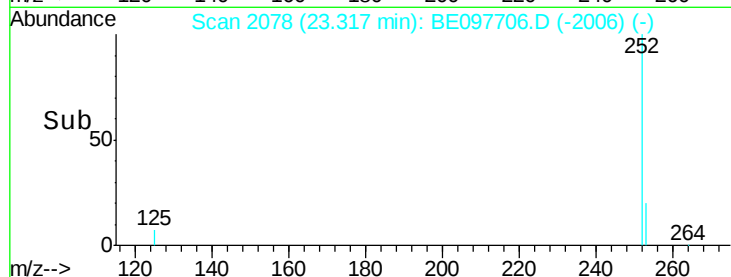
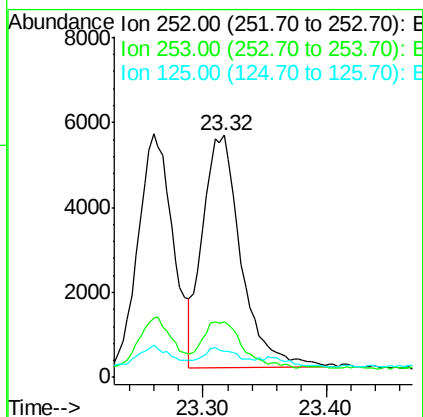
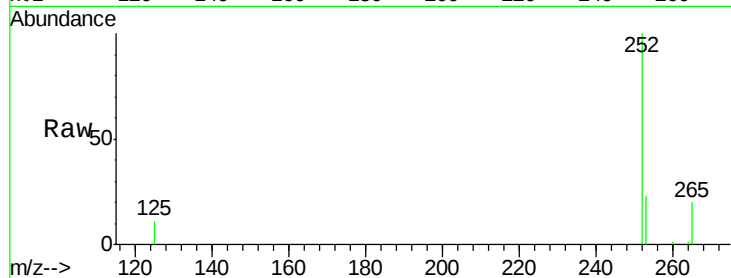




#35
Benzo(b)fluoranthene
Concen: 0.098 ng
RT: 23.32 min Scan# 2078
Delta R.T. 0.06 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

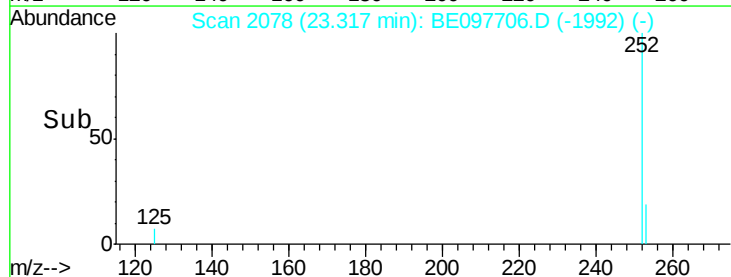
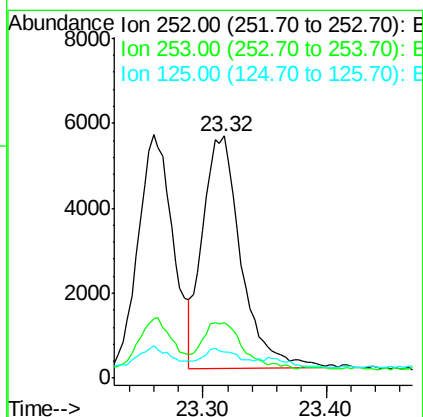
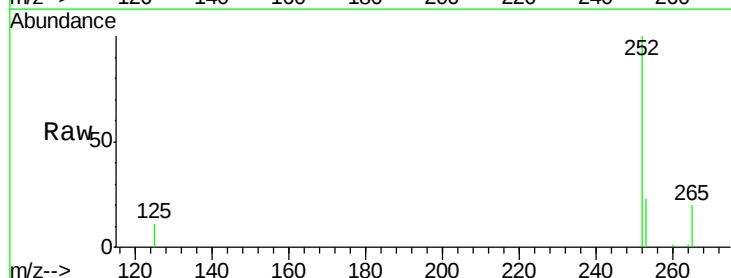
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

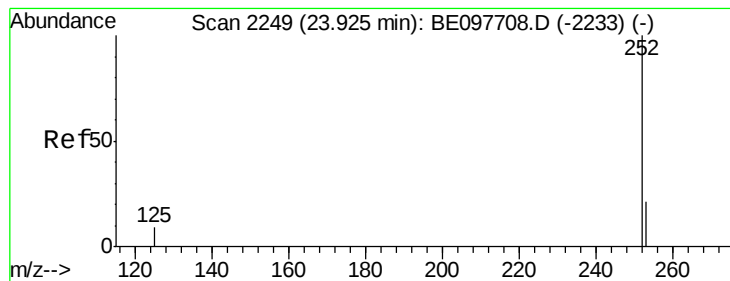
Tgt Ion:252 Resp: 11935
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 11.0 7.8 11.8



#36
Benzo(k)fluoranthene
Concen: 0.085 ng
RT: 23.32 min Scan# 2078
Delta R.T. 0.01 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Tgt Ion:252 Resp: 11935
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 11.0 7.5 11.3





#37

Benzo(a)pyrene

Concen: 0.083 ng

RT: 23.93 min Scan# 2249

Delta R.T. 0.00 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

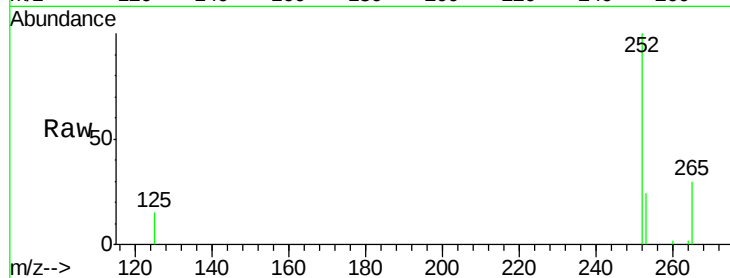
Tgt Ion:252 Resp: 9696

Ion Ratio Lower Upper

252 100

253 24.2 17.7 26.5

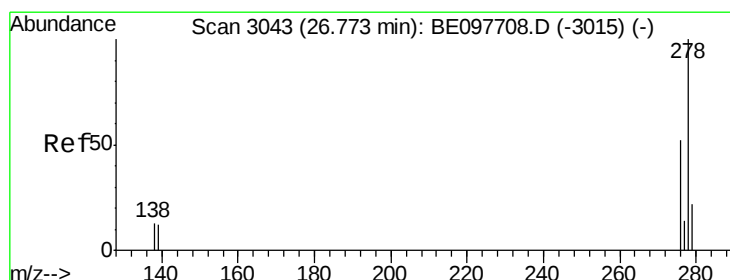
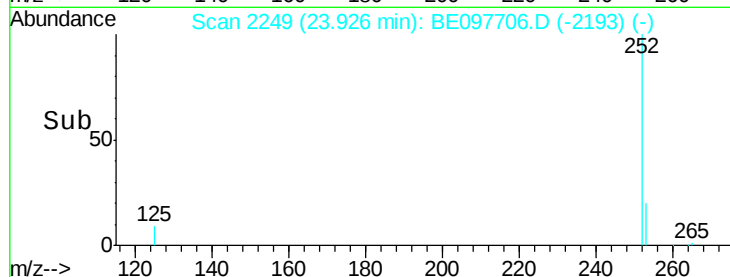
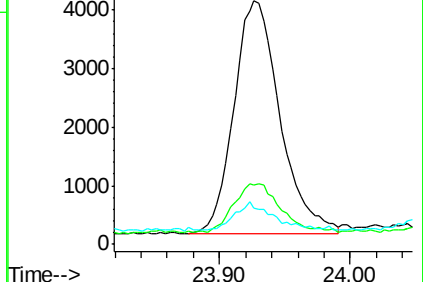
125 14.7 8.3 12.5#



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: 0.073 ng

RT: 26.78 min Scan# 3045

Delta R.T. 0.01 min

Lab File: BE097706.D

Acq: 3 Oct 2018 8:28

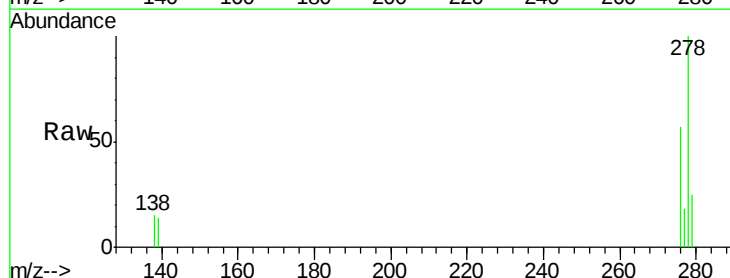
Tgt Ion:278 Resp: 9225

Ion Ratio Lower Upper

278 100

139 14.0 10.3 15.5

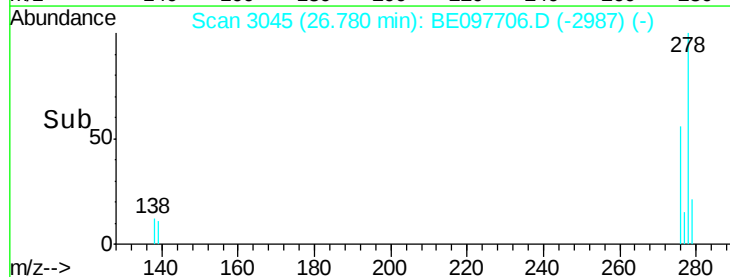
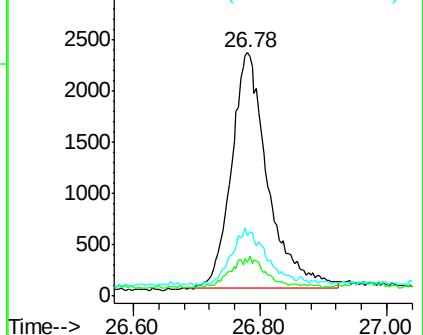
279 24.9 18.4 27.6

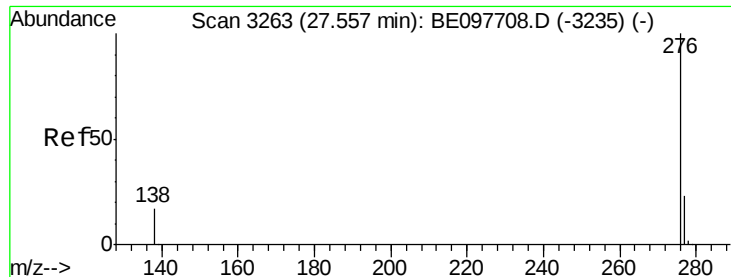


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.080 ng

RT: 27.56 min Scan# 3264

Delta R.T. 0.00 min

Lab File: BE097706.D

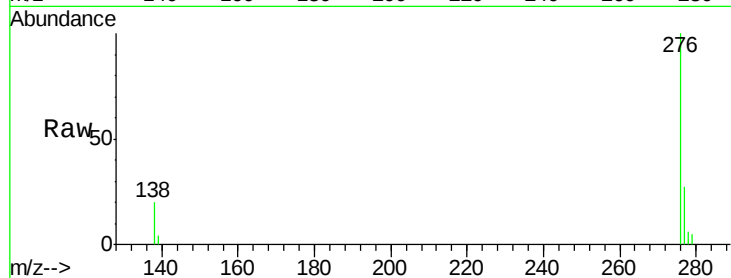
Acq: 3 Oct 2018 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1



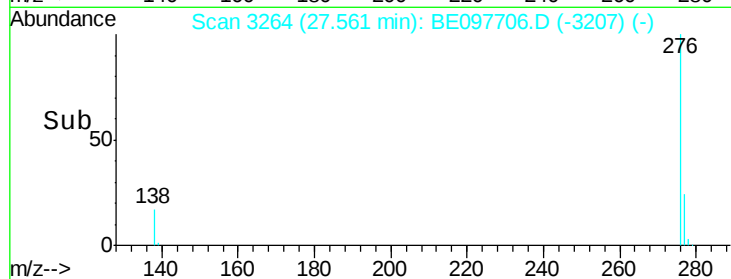
Tgt Ion: 276 Resp: 10267

Ion Ratio Lower Upper

276 100

277 26.6 19.1 28.7

138 20.1 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

