

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
 Data File : BE097911.D
 Acq On : 16 Oct 2018 15:03
 Operator : SJ/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Oct 16 15:35:32 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	7.88	152	1921	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	9151	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	6493	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	17824	0.40	ng	0.00
27) Chrysene-d12	21.49	240	21230	0.40	ng	0.00
34) Perylene-d12	24.04	264	15870	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	18741	4.12	ng	0.00
5) Phenol-d6	7.06	99	28706	4.12	ng	0.00
8) Nitrobenzene-d5	9.04	82	28463	9.58	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	50186	3.45	ng	-0.01
14) 2,4,6-Tribromophenol	16.05	330	12057	10.25	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	77339	2.71	ng	0.00
25) Fluoranthene-d10	19.33	212	791445	3.51	ng	0.00
29) Terphenyl-d14	19.92	244	161466	3.73	ng	0.00

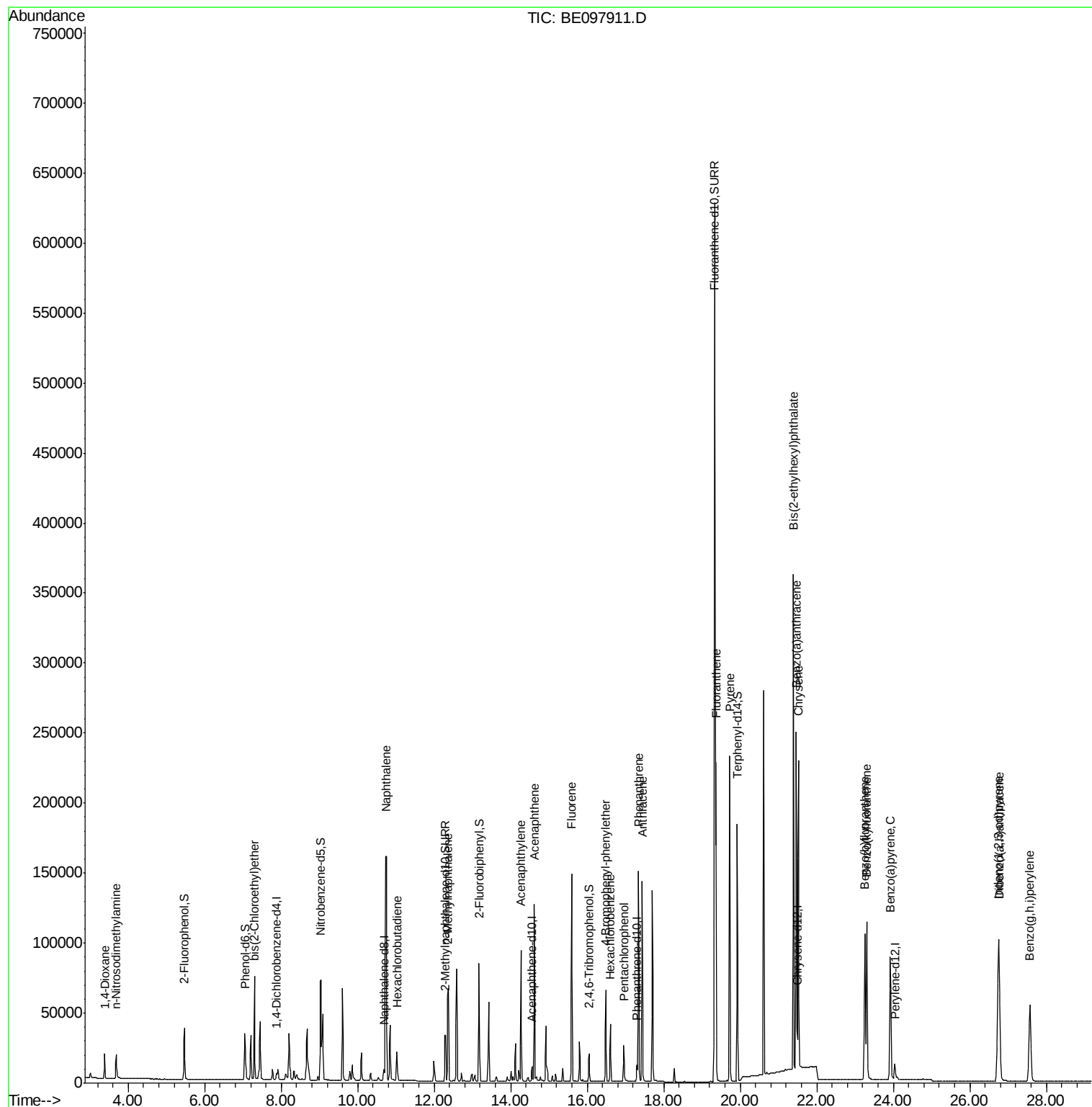
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	10401	2.717	ng	# 92
3) n-Nitrosodimethylamine	3.69	42	12359	3.549	ng	# 95
6) bis(2-Chloroethyl)ether	7.31	93	24324	3.375	ng	95
9) Naphthalene	10.74	128	292571	3.172	ng	99
10) Hexachlorobutadiene	11.03	225	15396	3.146	ng	97
12) 2-Methylnaphthalene	12.37	142	52911	3.585	ng	97
16) Acenaphthylene	14.27	152	98267	3.417	ng	99
17) Acenaphthene	14.62	154	59227	3.216	ng	97
18) Fluorene	15.59	166	82344	3.367	ng	99
20) 4-Bromophenyl-phenylether	16.49	248	31603	3.382	ng	91
21) Hexachlorobenzene	16.60	284	30883	2.936	ng	100
22) Pentachlorophenol	16.95	266	13548	8.210	ng	100
23) Phenanthrene	17.34	178	144758	3.152	ng	100
24) Anthracene	17.43	178	143528	3.620	ng	99
26) Fluoranthene	19.36	202	195500	3.341	ng	98
28) Pyrene	19.72	202	205777	3.814	ng	100
30) Benzo(a)anthracene	21.46	228	204204	3.578	ng	98
31) Chrysene	21.52	228	201461	3.157	ng	97
32) Bis(2-ethylhexyl)phthalate	21.39	149	363991	8.719	ng	100
33) Indeno(1,2,3-cd)pyrene	26.74	276	159746	2.883	ng	99
35) Benzo(b)fluoranthene	23.25	252	150559	3.457	ng	# 88
36) Benzo(k)fluoranthene	23.31	252	160545	3.325	ng	# 88
37) Benzo(a)pyrene	23.92	252	143438	3.638	ng	# 87
38) Dibenzo(a,h)anthracene	26.77	278	135460	3.488	ng	# 91
39) Benzo(g,h,i)perylene	27.57	276	133524	3.286	ng	# 91

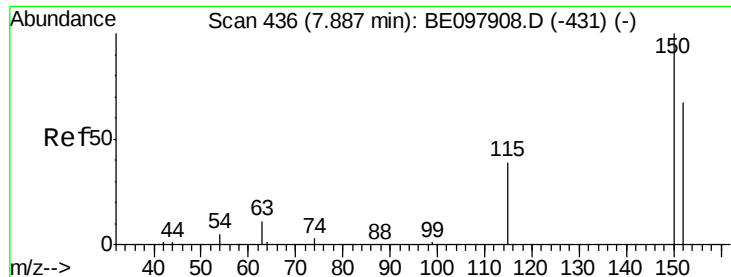
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
Data File : BE097911.D
Acq On : 16 Oct 2018 15:03
Operator : SJ/JU
Sample : SSTDIC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Quant Time: Oct 16 15:35:32 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 436

Delta R.T. -0.00 min

Lab File: BE097911.D

Acq: 16 Oct 2018 15:03

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

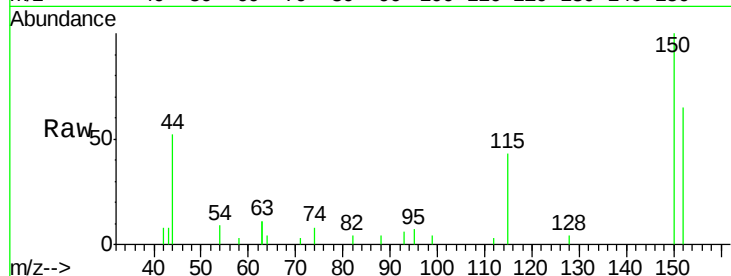
Tgt Ion:152 Resp: 1921

Ion Ratio Lower Upper

152 100

150 153.1 118.2 177.4

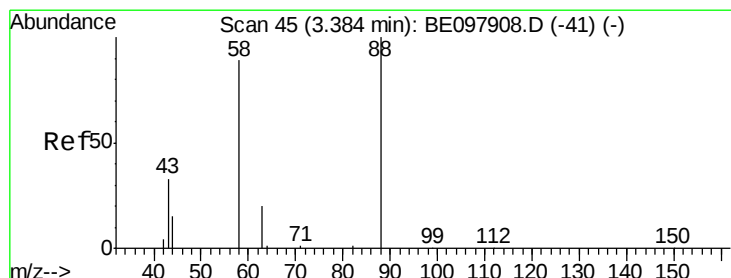
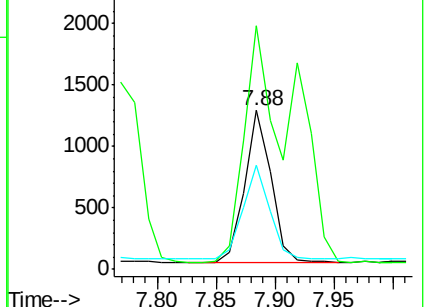
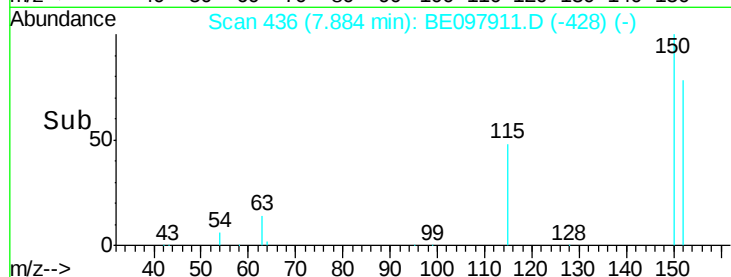
115 65.6 50.9 76.3



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: 2.717 ng

RT: 3.38 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE097911.D

Acq: 16 Oct 2018 15:03

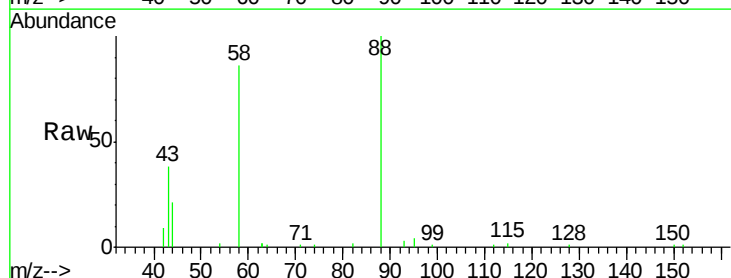
Tgt Ion: 88 Resp: 10401

Ion Ratio Lower Upper

88 100

58 86.6 73.2 109.8

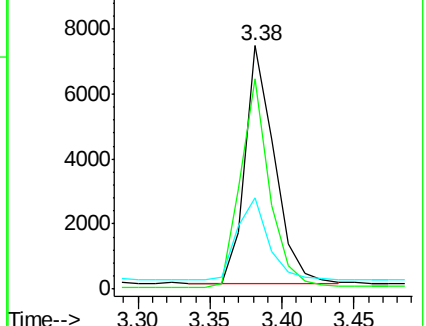
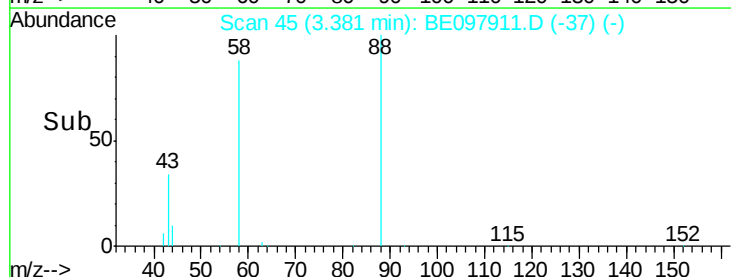
43 36.6 36.9 55.3#



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: 3.549 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE097911.D

Acq: 16 Oct 2018 15:03

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

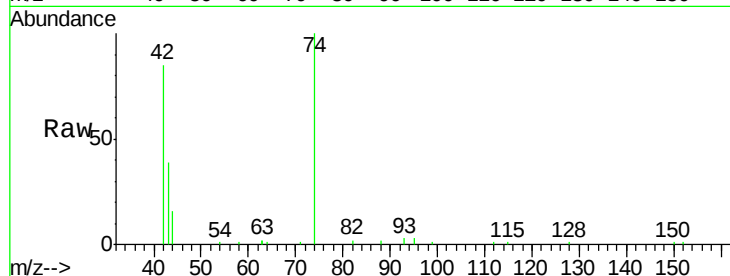
Tgt Ion: 42 Resp: 12359

Ion Ratio Lower Upper

42 100

74 101.6 77.6 116.4

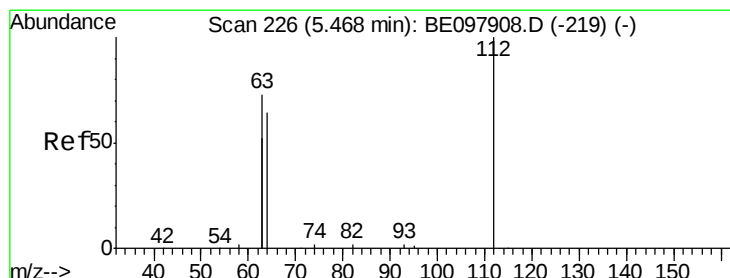
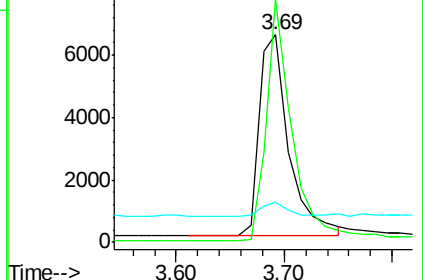
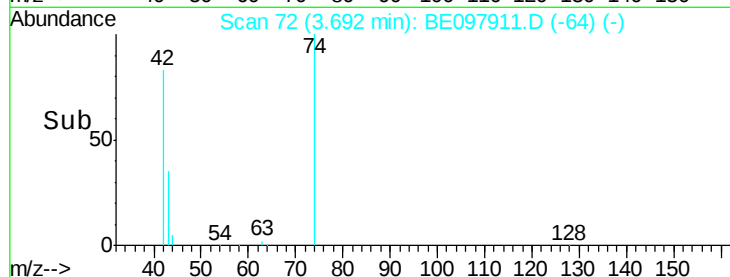
44 7.3 7.6 11.4#



Abundance Ion 42.00 (41.70 to 42.70): BE097911.D (-64) (-)

Ion 74.00 (73.70 to 74.70): BE097911.D (-64) (-)

Ion 44.00 (43.70 to 44.70): BE097911.D (-64) (-)



#4

2-Fluorophenol

Concen: 4.124 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097911.D

Acq: 16 Oct 2018 15:03

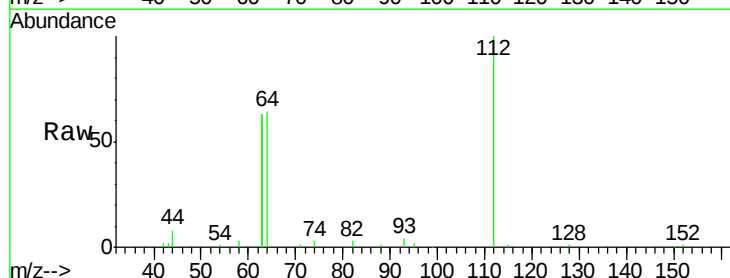
Tgt Ion: 112 Resp: 18741

Ion Ratio Lower Upper

112 100

64 70.1 58.9 88.3

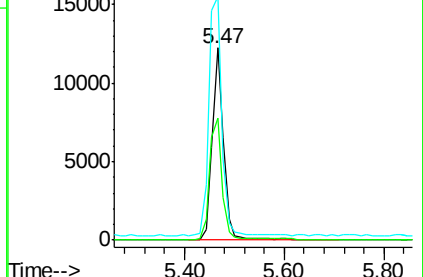
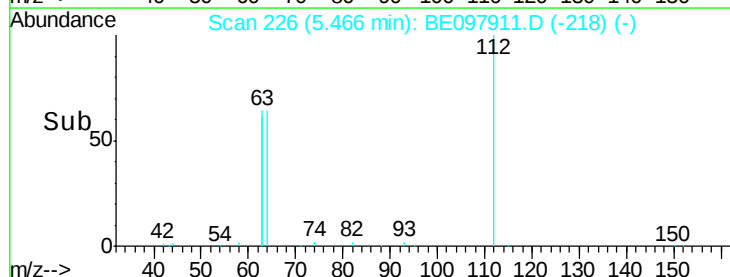
63 145.0 120.3 180.5

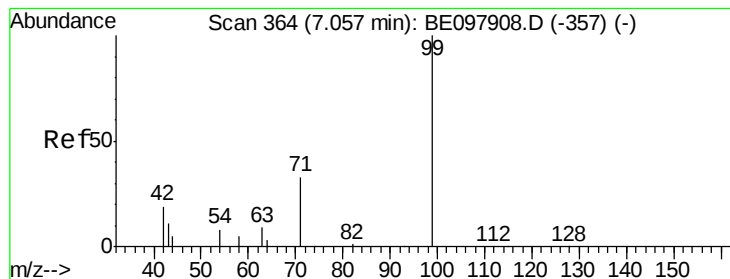


Abundance Ion 112.00 (111.70 to 112.70): BE097911.D (-218) (-)

Ion 64.00 (63.70 to 64.70): BE097911.D (-218) (-)

Ion 63.00 (62.70 to 63.70): BE097911.D (-218) (-)





#5

Phenol-d6

Concen: 4.121 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE097911.D

Acq: 16 Oct 2018 15:03

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

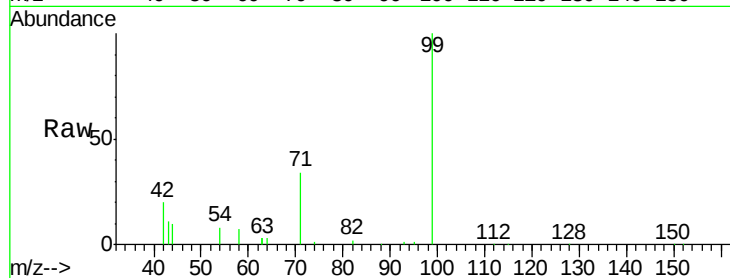
Tgt Ion: 99 Resp: 28706

Ion Ratio Lower Upper

99 100

42 25.0 19.9 29.9

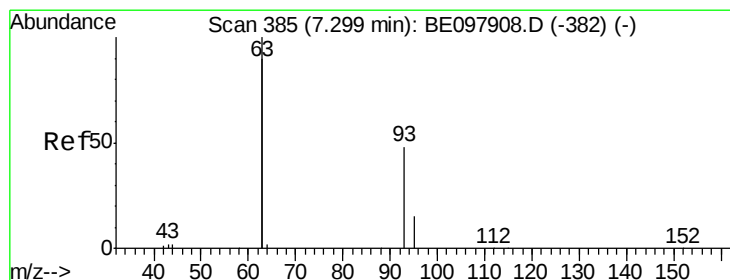
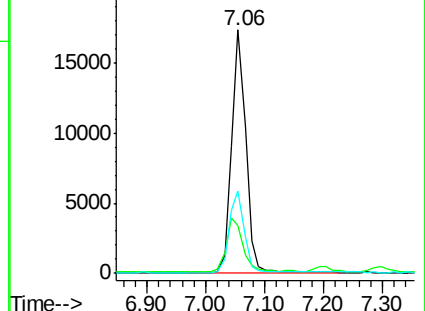
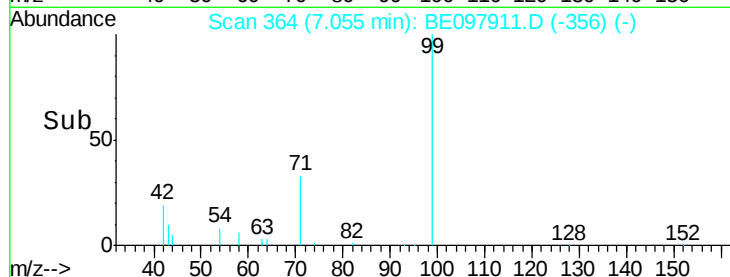
71 34.8 27.8 41.8



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: 3.375 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.01 min

Lab File: BE097911.D

Acq: 16 Oct 2018 15:03

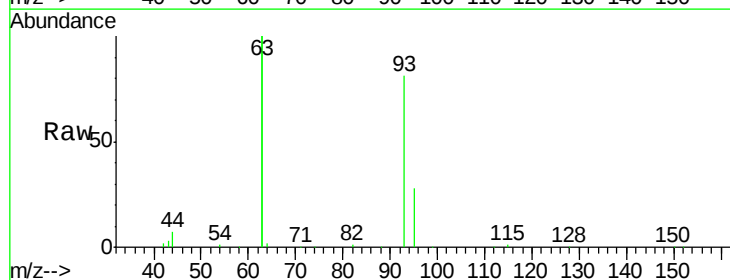
Tgt Ion: 93 Resp: 24324

Ion Ratio Lower Upper

93 100

63 334.8 259.0 388.4

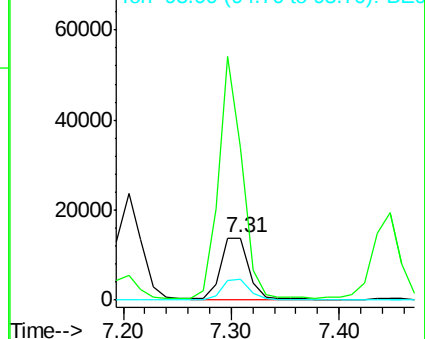
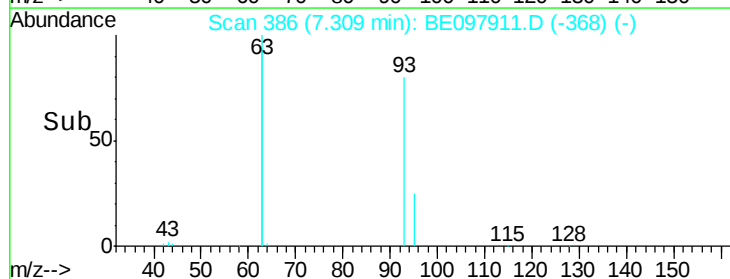
95 32.2 27.8 41.8

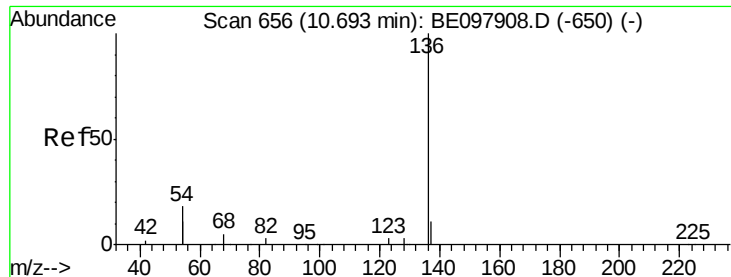


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097911.D

Acq: 16 Oct 2018 15:03

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tgt Ion:136 Resp: 9151

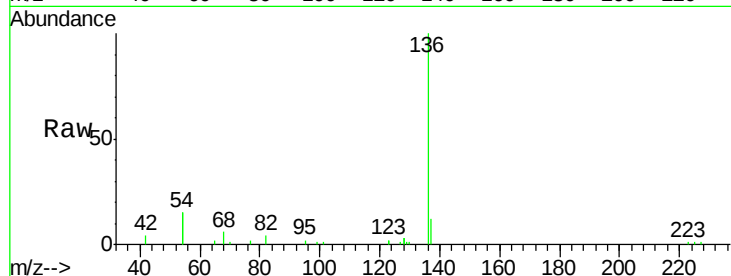
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 29.6 27.7 41.5

68 6.1 5.3 7.9

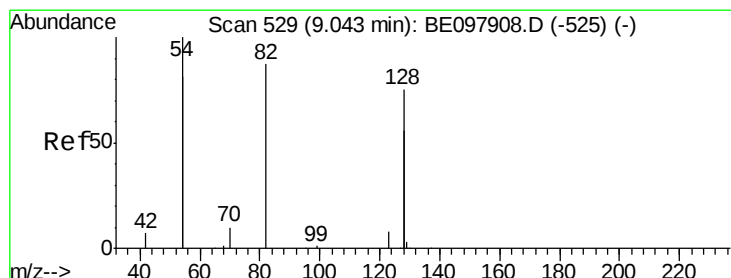
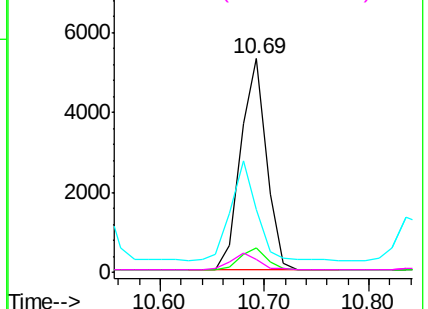
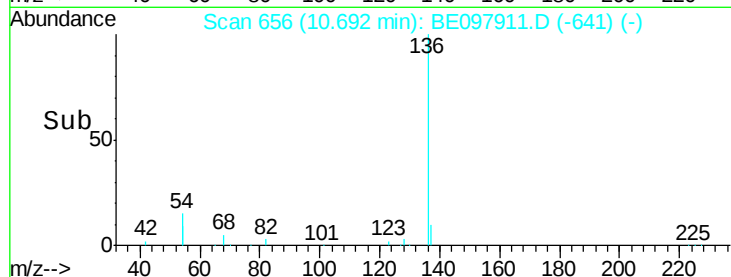


Abundance Ion 136.00 (135.70 to 136.70): E

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: 9.580 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097911.D

Acq: 16 Oct 2018 15:03

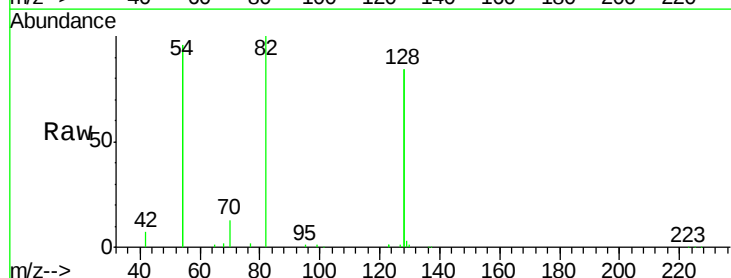
Tgt Ion: 82 Resp: 28463

Ion Ratio Lower Upper

82 100

128 167.1 129.9 194.9

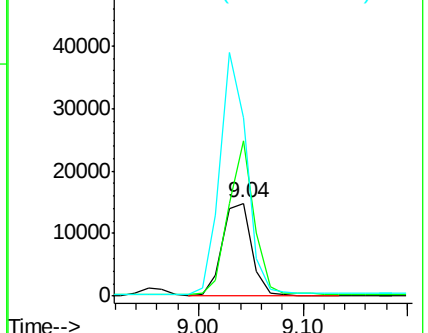
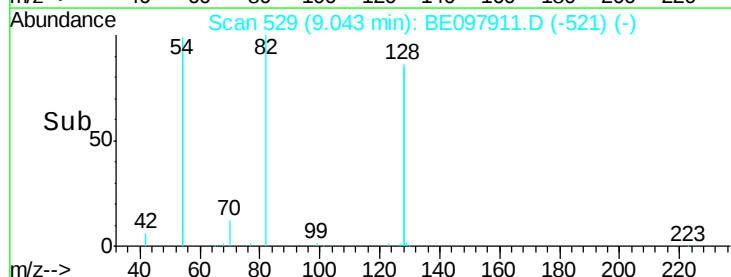
54 192.3 174.0 261.0

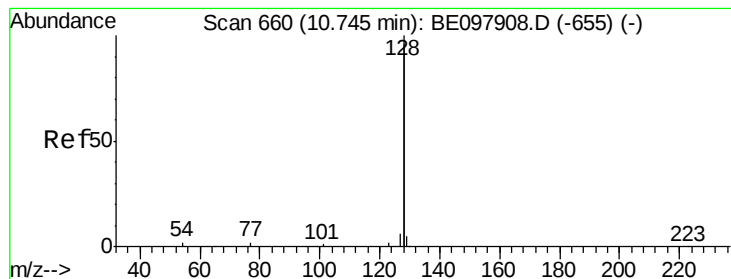


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.172 ng

RT: 10.74 min Scan# 660

Delta R.T. -0.00 min

Lab File: BE097911.D

Acq: 16 Oct 2018 15:03

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

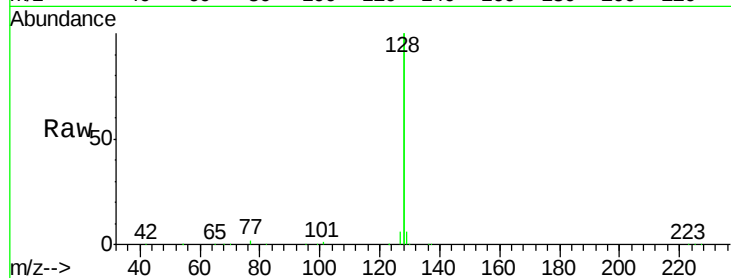
Tgt Ion:128 Resp: 292571

Ion Ratio Lower Upper

128 100

129 2.9 2.5 3.7

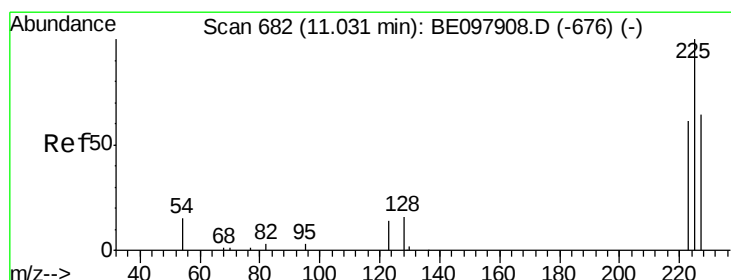
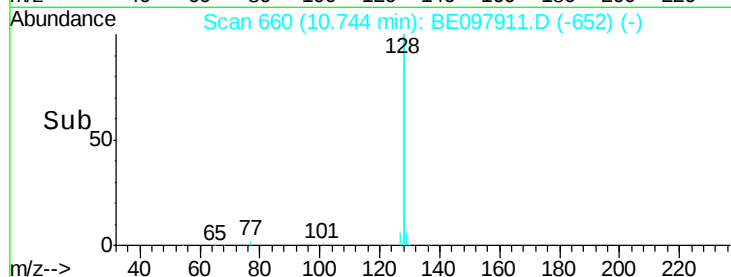
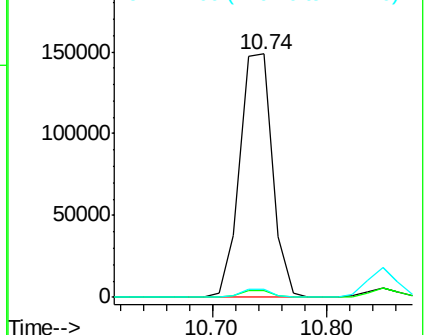
127 3.1 2.8 4.2



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: 3.146 ng

RT: 11.03 min Scan# 682

Delta R.T. -0.00 min

Lab File: BE097911.D

Acq: 16 Oct 2018 15:03

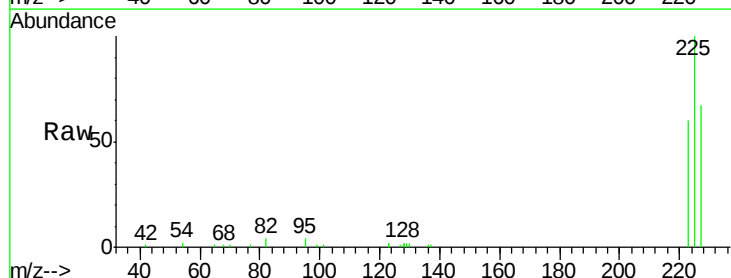
Tgt Ion:225 Resp: 15396

Ion Ratio Lower Upper

225 100

223 62.5 51.8 77.8

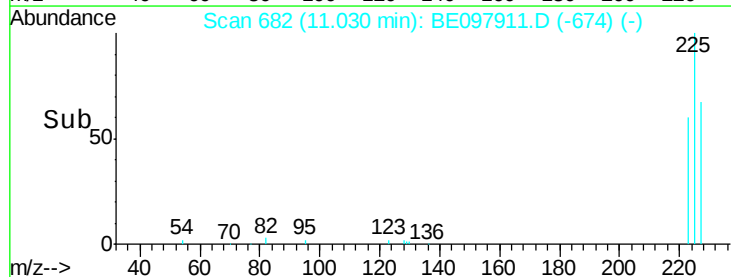
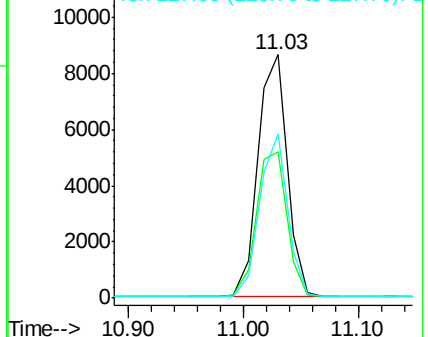
227 64.2 53.0 79.6

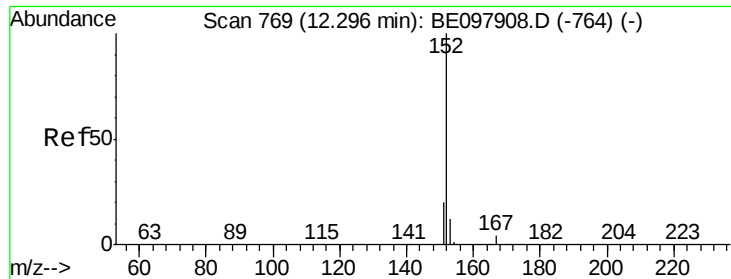


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

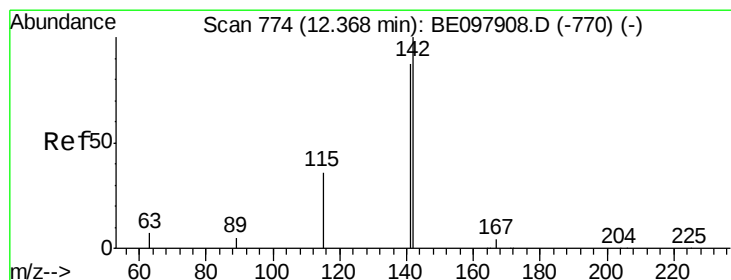
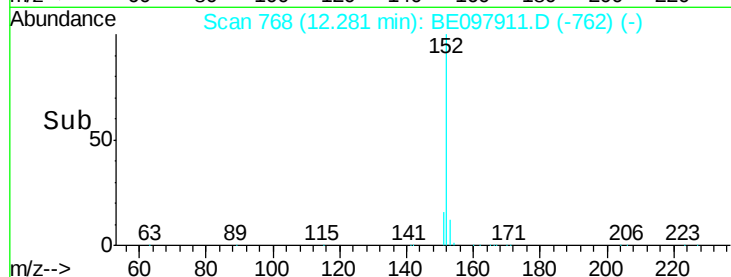
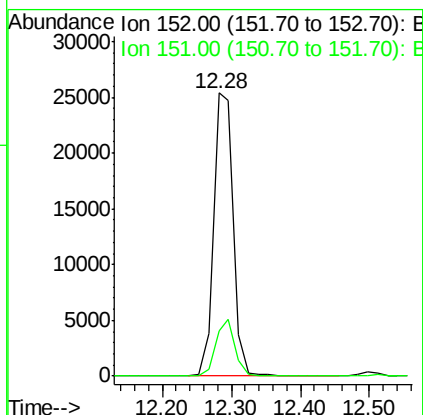
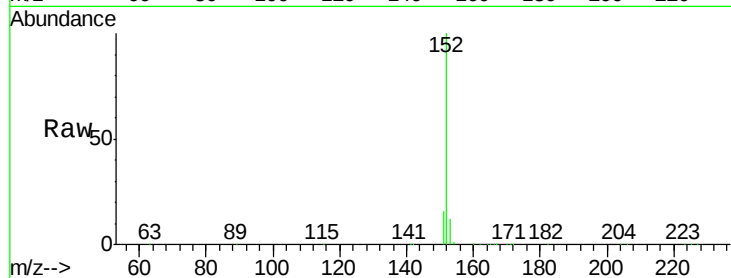




#11
 2-Methylnaphthalene-d10
 Concen: 3.447 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BE097911.D
 Acq: 16 Oct 2018 15:03

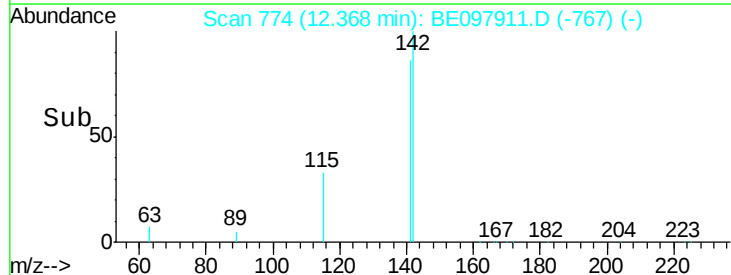
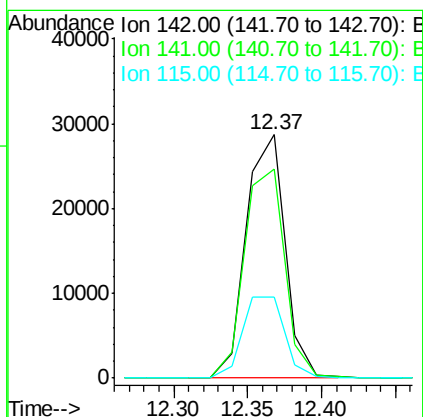
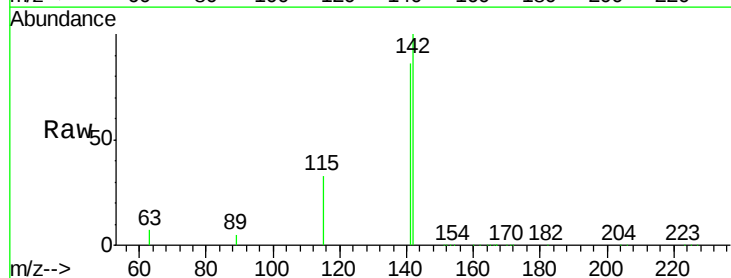
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

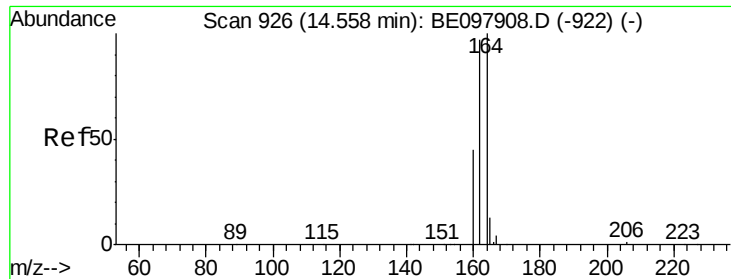
Tgt Ion:152 Resp: 50186
 Ion Ratio Lower Upper
 152 100
 151 19.3 16.2 24.4



#12
 2-Methylnaphthalene
 Concen: 3.585 ng
 RT: 12.37 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BE097911.D
 Acq: 16 Oct 2018 15:03

Tgt Ion:142 Resp: 52911
 Ion Ratio Lower Upper
 142 100
 141 86.1 69.8 104.6
 115 33.4 30.5 45.7

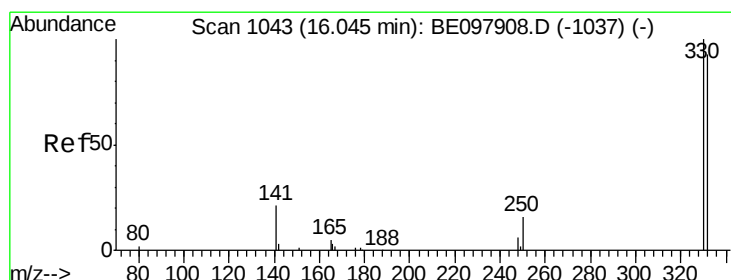
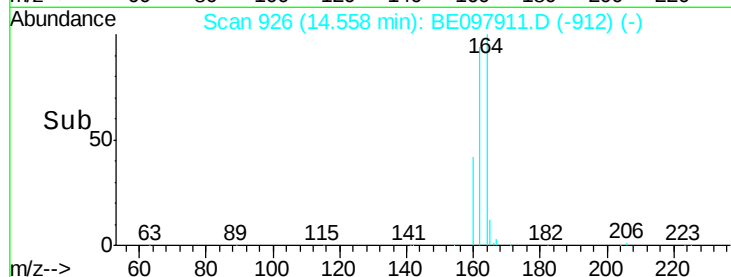
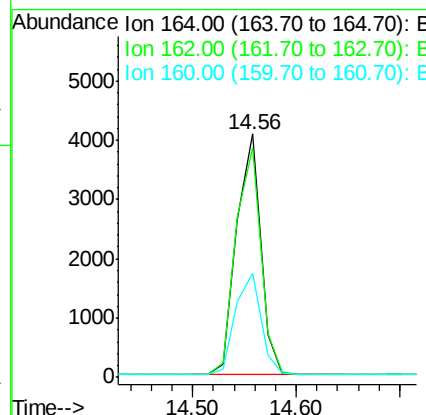
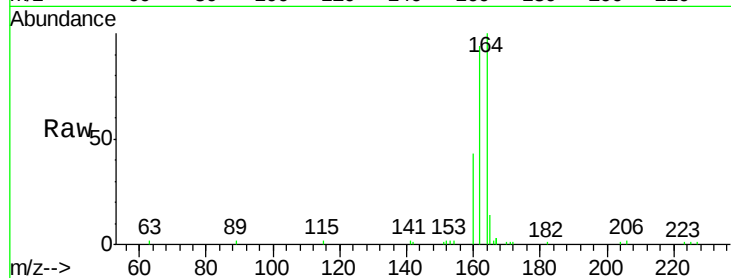




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097911.D
Acq: 16 Oct 2018 15:03

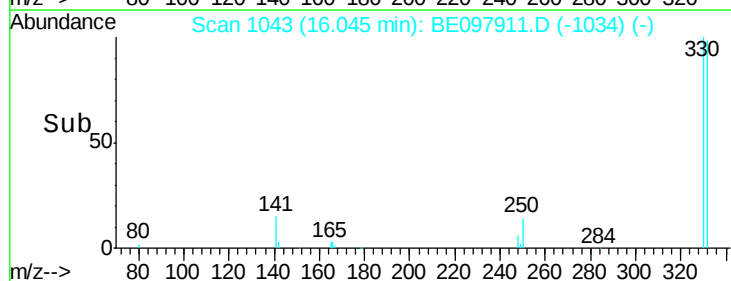
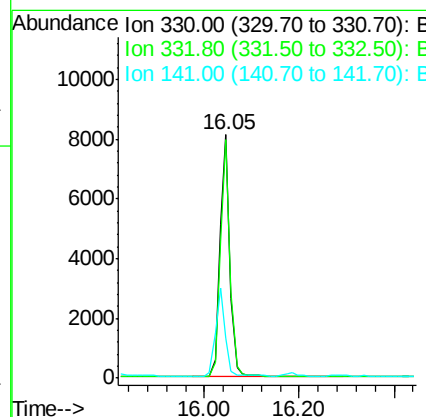
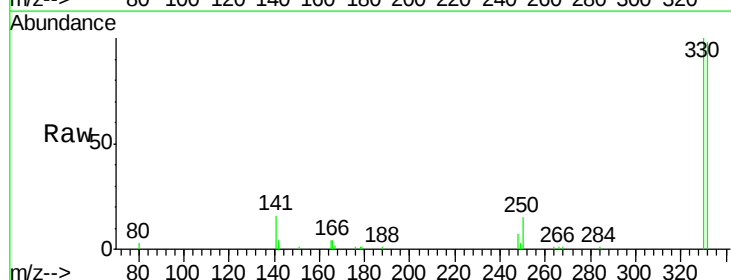
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

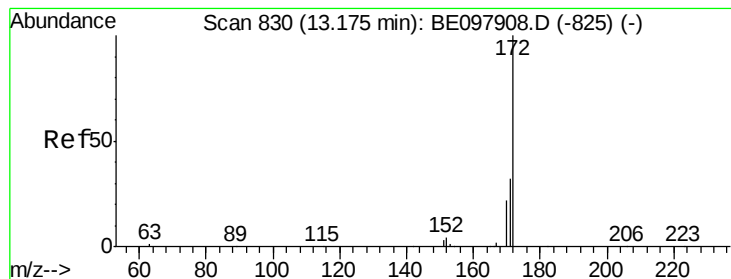
Tgt Ion:164 Resp: 6493
Ion Ratio Lower Upper
164 100
162 94.4 77.4 116.2
160 42.9 36.5 54.7



#14
2,4,6-Tribromophenol
Concen: 10.245 ng
RT: 16.05 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BE097911.D
Acq: 16 Oct 2018 15:03

Tgt Ion:330 Resp: 12057
Ion Ratio Lower Upper
330 100
332 96.3 76.5 114.7
141 35.7 31.8 47.6





#15

2-Fluorobiphenyl

Concen: 2.705 ng

RT: 13.17 min Scan# 830

Delta R.T. -0.00 min

Lab File: BE097911.D

Acq: 16 Oct 2018 15:03

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

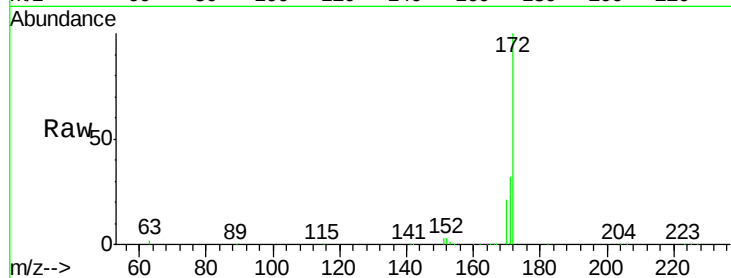
Tgt Ion:172 Resp: 77339

Ion Ratio Lower Upper

172 100

171 32.0 26.0 39.0

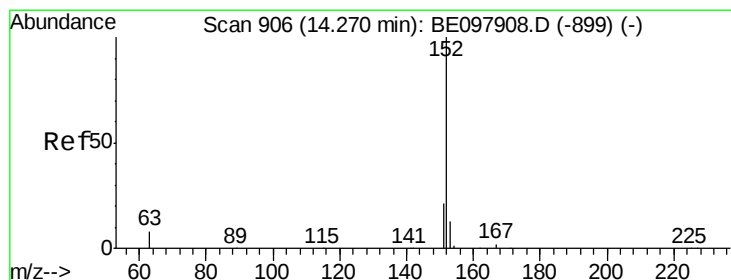
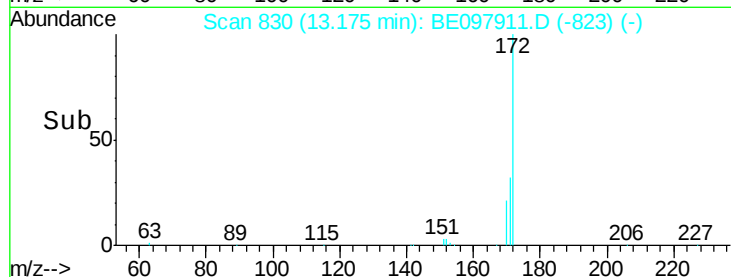
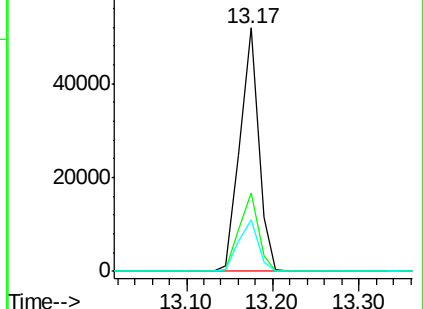
170 21.2 18.0 27.0



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: 3.417 ng

RT: 14.27 min Scan# 906

Delta R.T. -0.00 min

Lab File: BE097911.D

Acq: 16 Oct 2018 15:03

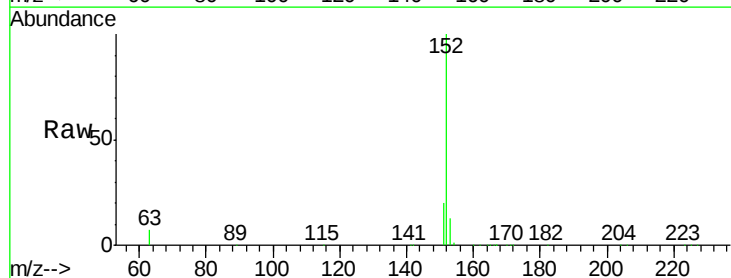
Tgt Ion:152 Resp: 98267

Ion Ratio Lower Upper

152 100

151 19.7 16.1 24.1

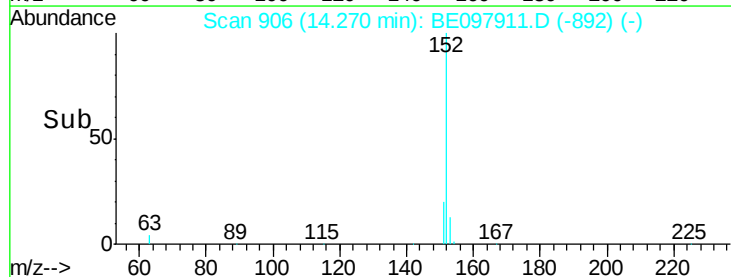
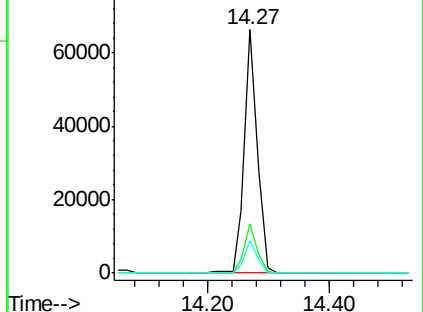
153 13.0 10.9 16.3

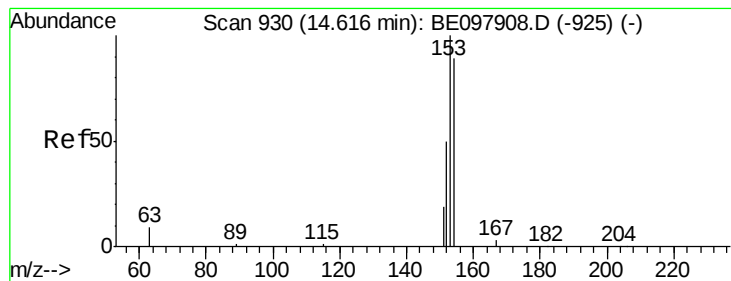


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 3.216 ng

RT: 14.62 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE097911.D

Acq: 16 Oct 2018 15:03

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

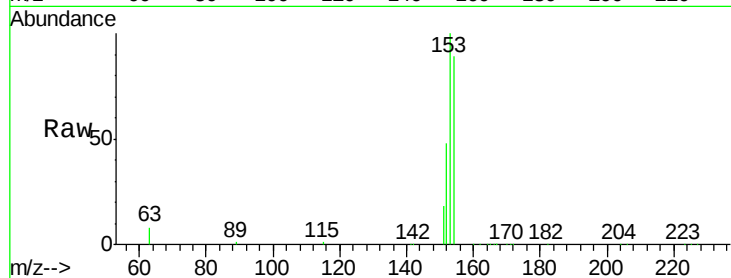
Tgt Ion:154 Resp: 59227

Ion Ratio Lower Upper

154 100

153 113.0 92.6 139.0

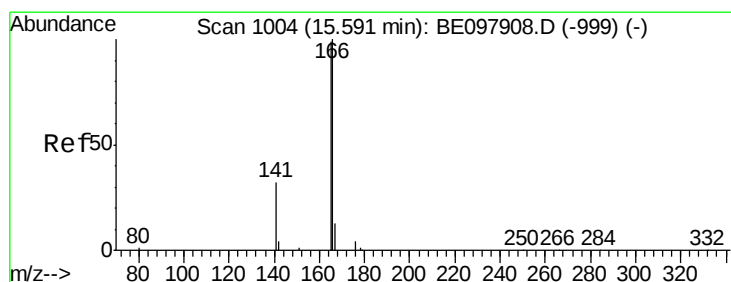
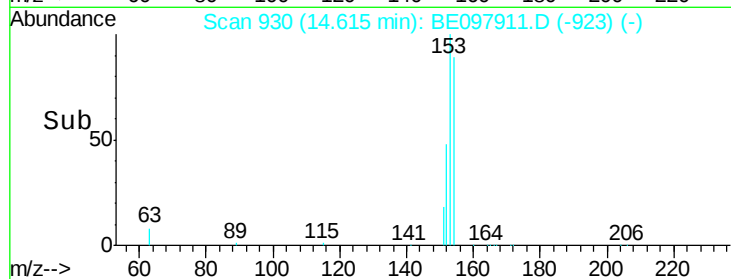
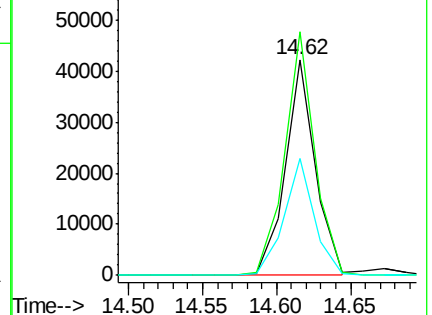
152 54.5 45.5 68.3



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: 3.367 ng

RT: 15.59 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BE097911.D

Acq: 16 Oct 2018 15:03

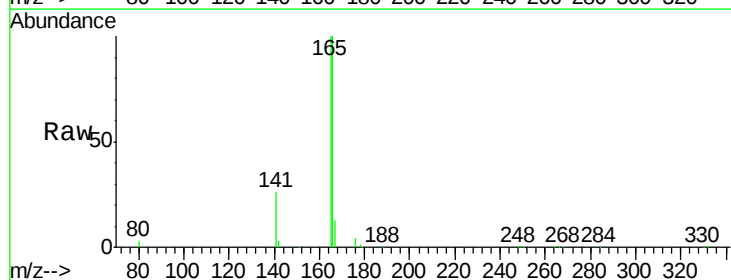
Tgt Ion:166 Resp: 82344

Ion Ratio Lower Upper

166 100

165 98.7 78.2 117.4

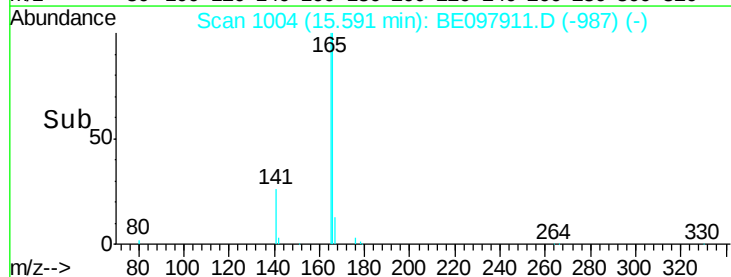
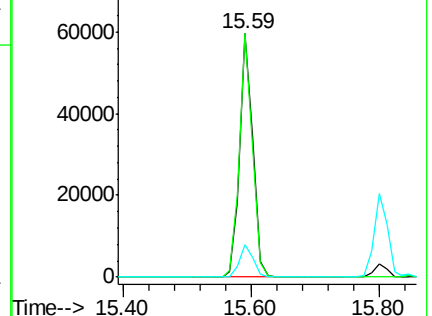
167 13.5 11.0 16.6

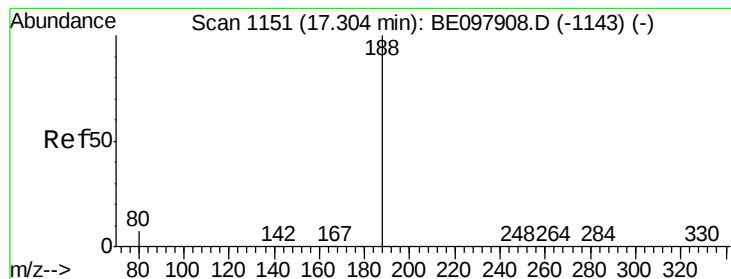


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE097911.D

Acq: 16 Oct 2018 15:03

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

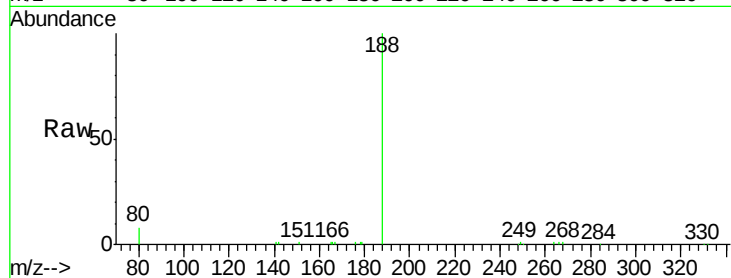
Tgt Ion:188 Resp: 17824

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

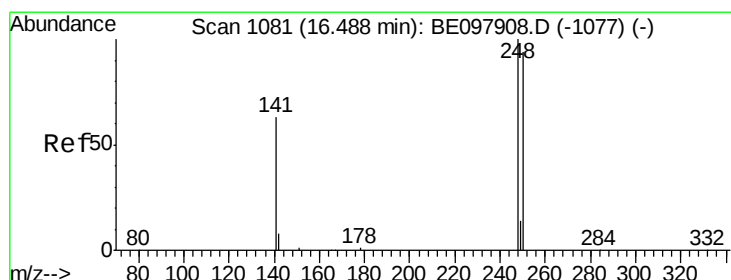
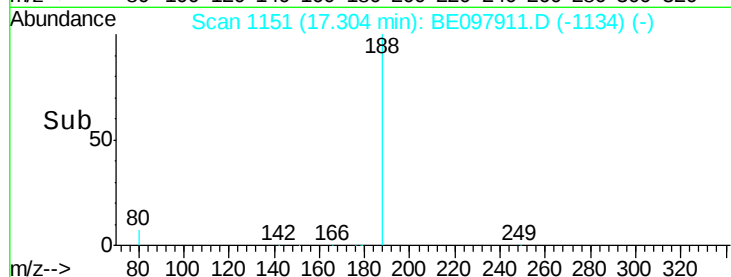
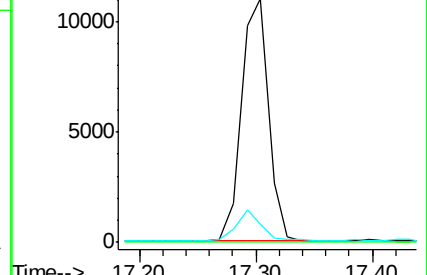
80 7.6 6.3 9.5



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: 3.382 ng

RT: 16.49 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BE097911.D

Acq: 16 Oct 2018 15:03

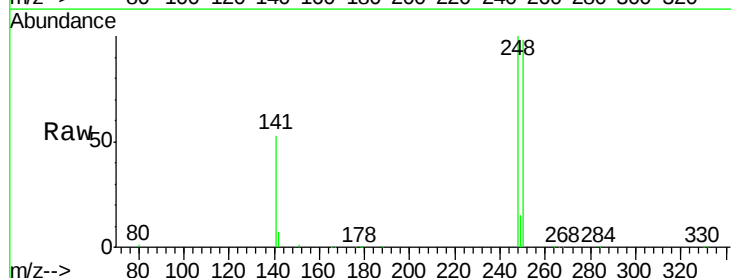
Tgt Ion:248 Resp: 31603

Ion Ratio Lower Upper

248 100

250 98.3 75.1 112.7

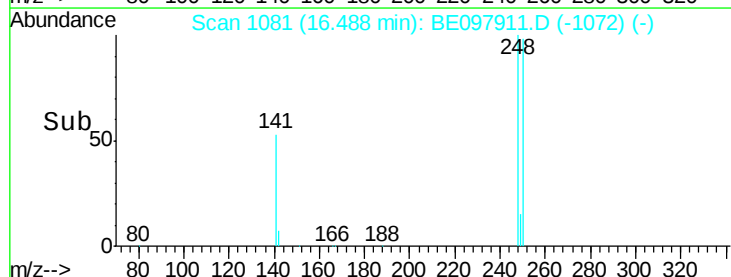
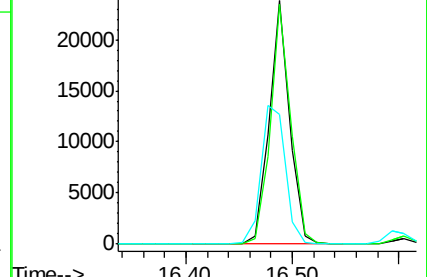
141 53.4 51.8 77.8

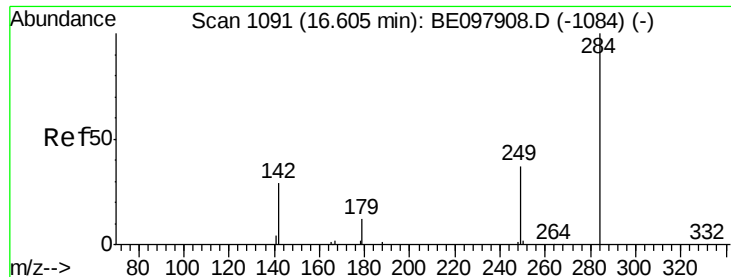


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

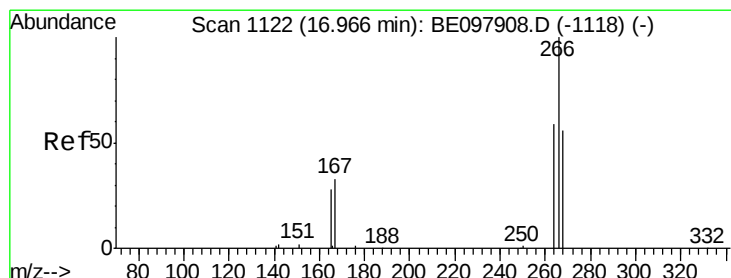
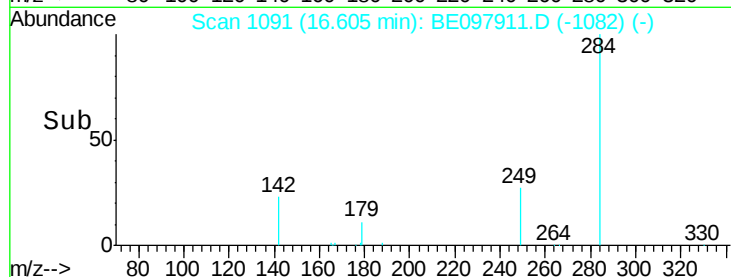
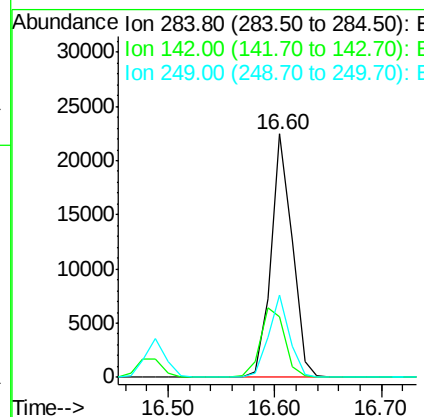
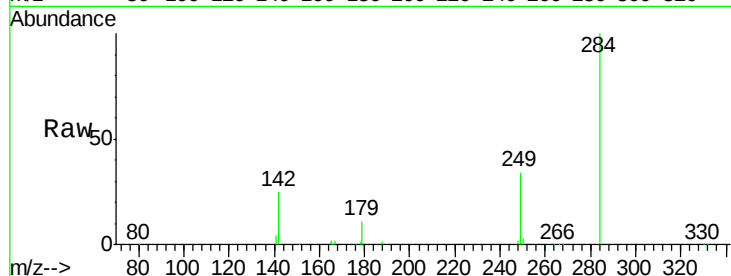




#21
Hexachlorobenzene
Concen: 2.936 ng
RT: 16.60 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE097911.D
Acq: 16 Oct 2018 15:03

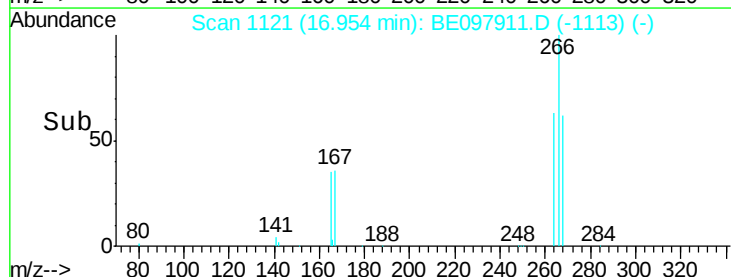
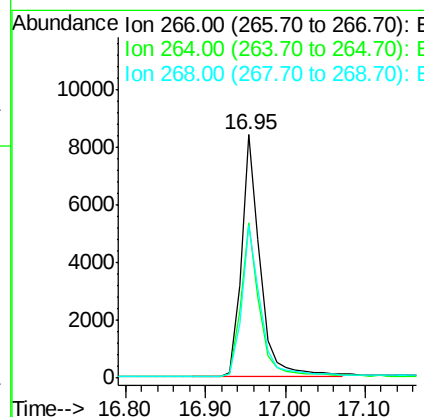
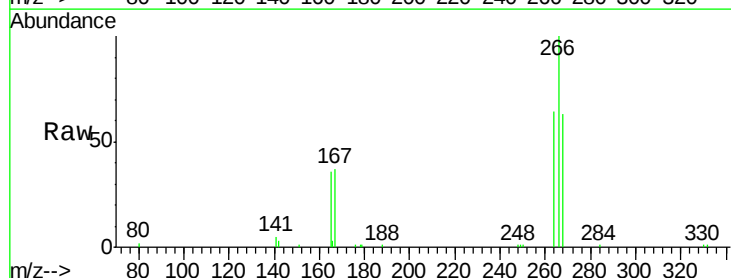
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

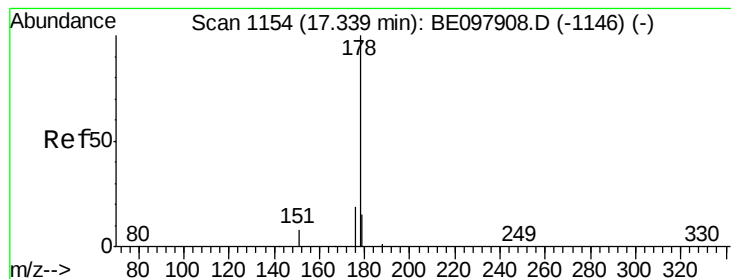
Tgt Ion:284 Resp: 30883
Ion Ratio Lower Upper
284 100
142 32.4 25.9 38.9
249 32.9 26.6 40.0



#22
Pentachlorophenol
Concen: 8.210 ng
RT: 16.95 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE097911.D
Acq: 16 Oct 2018 15:03

Tgt Ion:266 Resp: 13548
Ion Ratio Lower Upper
266 100
264 63.6 51.3 76.9
268 62.6 50.1 75.1





#23

Phenanthrene

Concen: 3.152 ng

RT: 17.34 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE097911.D

Acq: 16 Oct 2018 15:03

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

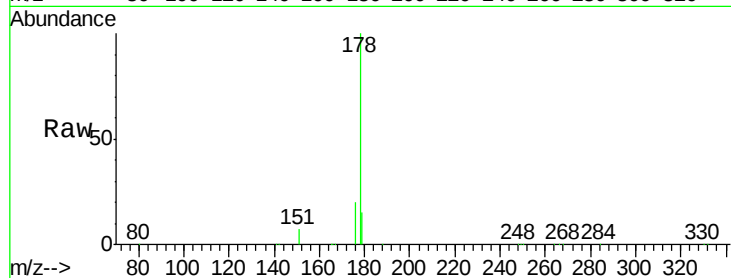
Tgt Ion:178 Resp: 144758

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

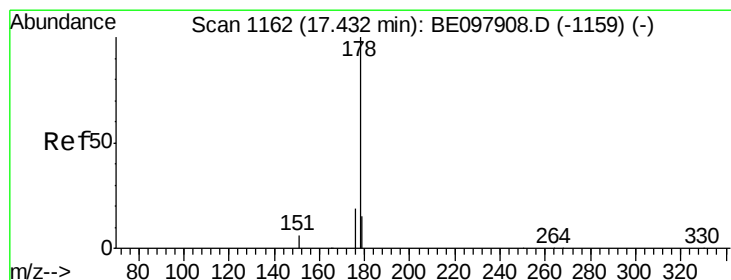
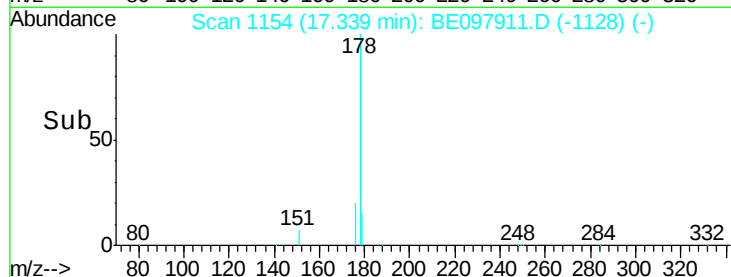
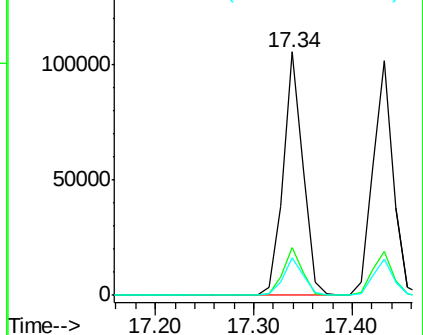
179 15.3 12.2 18.4



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: 3.620 ng

RT: 17.43 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BE097911.D

Acq: 16 Oct 2018 15:03

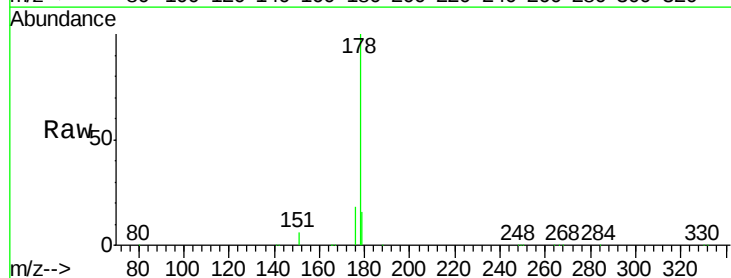
Tgt Ion:178 Resp: 143528

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

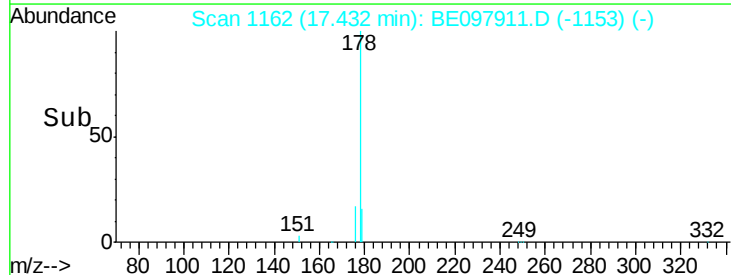
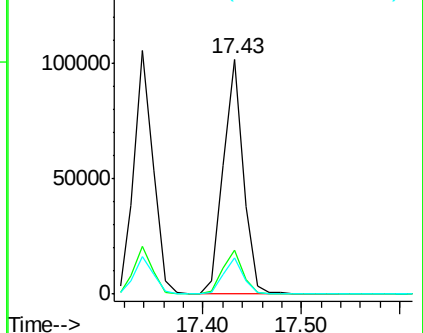
179 15.3 11.9 17.9

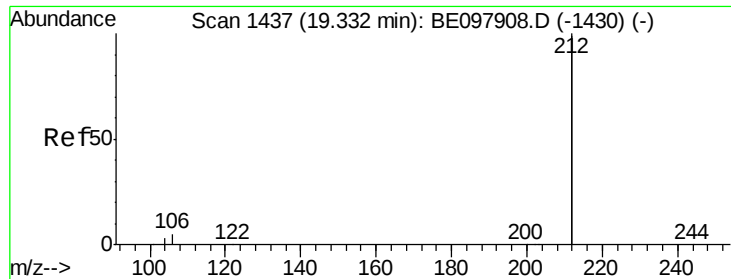


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.508 ng

RT: 19.33 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BE097911.D

Acq: 16 Oct 2018 15:03

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

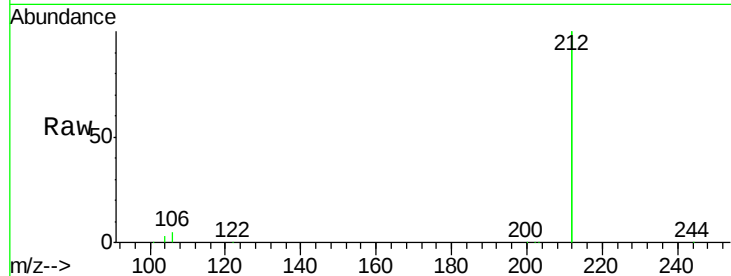
Tgt Ion:212 Resp: 791445

Ion Ratio Lower Upper

212 100

106 2.8 2.3 3.5

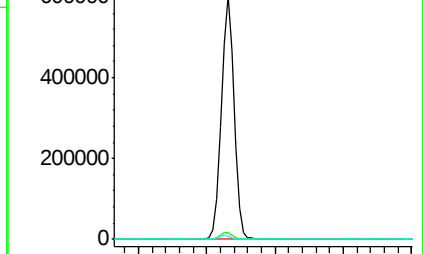
104 1.6 1.3 1.9



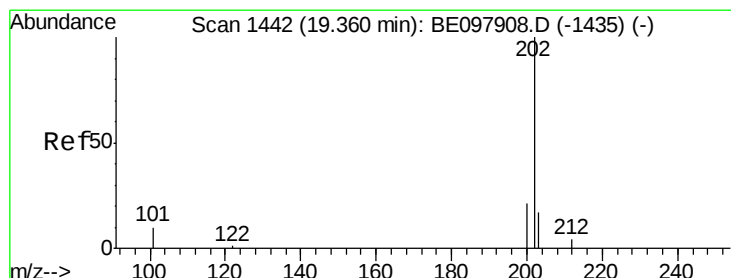
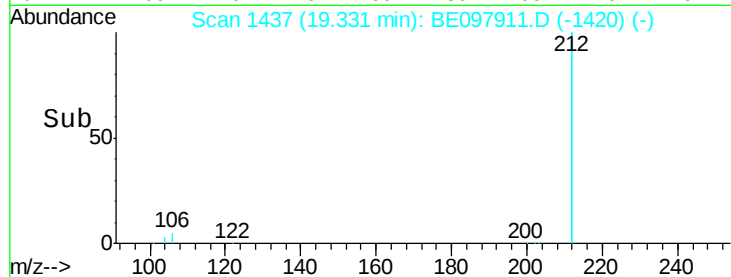
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#26

Fluoranthene

Concen: 3.341 ng

RT: 19.36 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BE097911.D

Acq: 16 Oct 2018 15:03

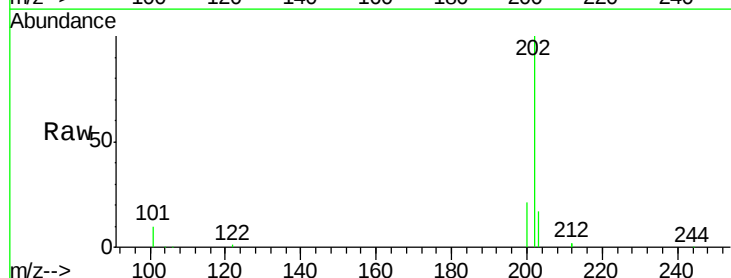
Tgt Ion:202 Resp: 195500

Ion Ratio Lower Upper

202 100

101 10.6 8.2 12.2

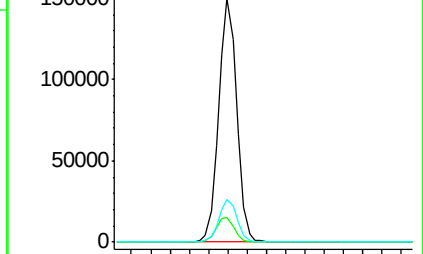
203 17.4 15.0 22.4



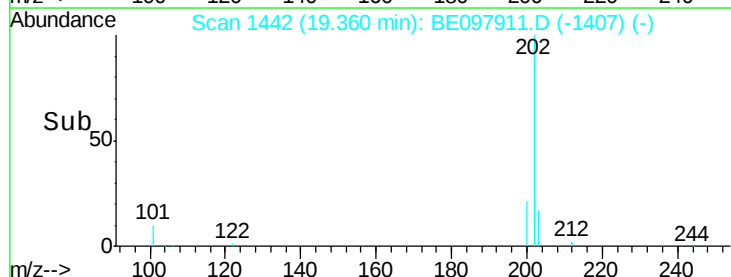
Abundance Ion 202.00 (201.70 to 202.70): E

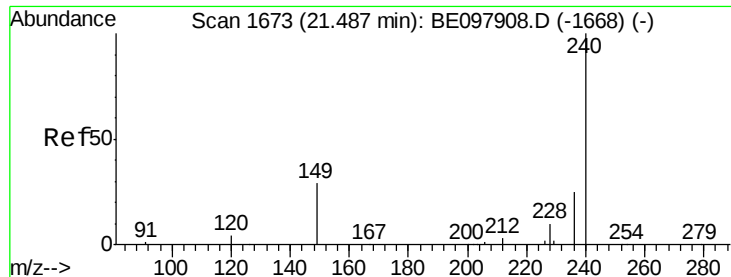
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->

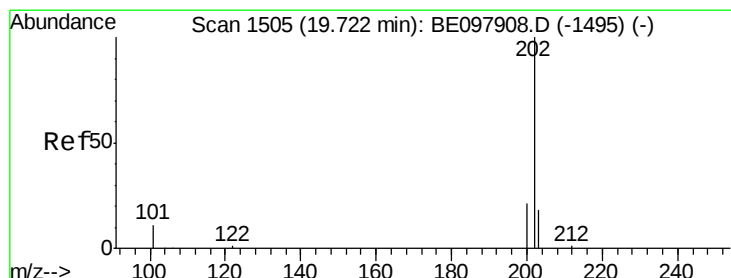
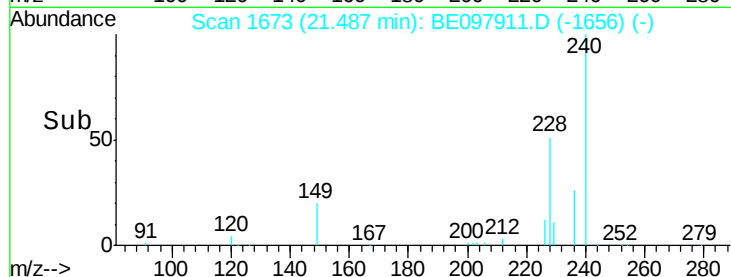
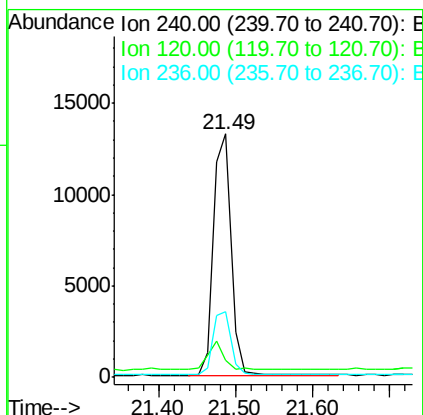
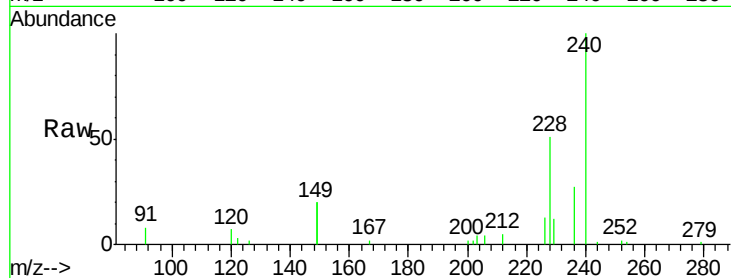




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.49 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BE097911.D
 Acq: 16 Oct 2018 15:03

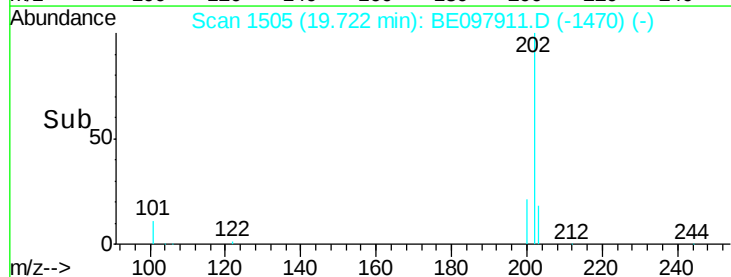
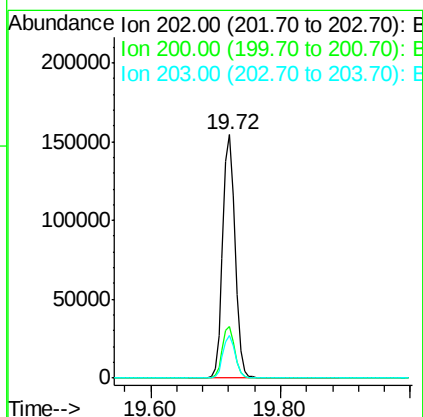
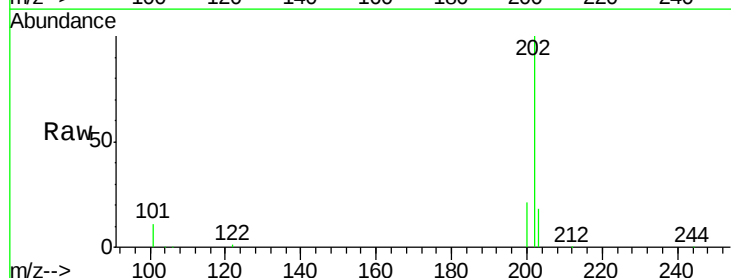
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

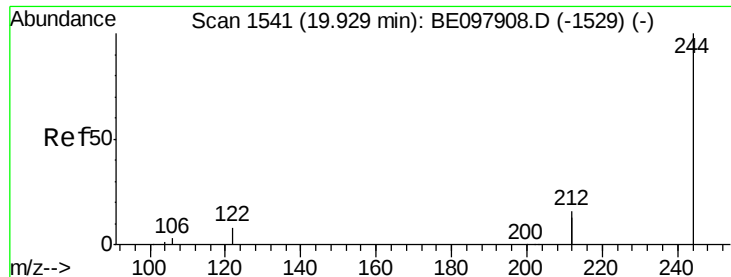
Tgt Ion:240 Resp: 21230
 Ion Ratio Lower Upper
 240 100
 120 6.8 7.1 10.7#
 236 26.9 21.3 31.9



#28
 Pyrene
 Concen: 3.814 ng
 RT: 19.72 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BE097911.D
 Acq: 16 Oct 2018 15:03

Tgt Ion:202 Resp: 205777
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.0 25.4
 203 17.6 14.2 21.4





#29

Terphenyl-d14

Concen: 3.725 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097911.D

Acq: 16 Oct 2018 15:03

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

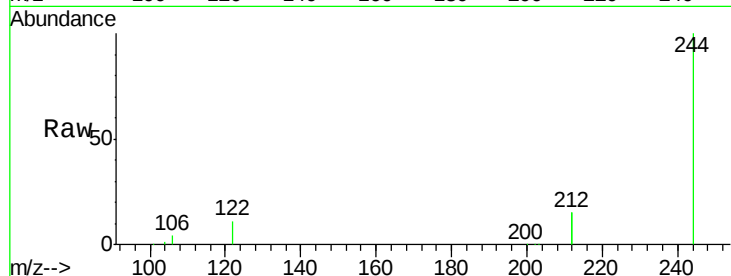
Tgt Ion:244 Resp: 161466

Ion Ratio Lower Upper

244 100

212 31.0 26.2 39.2

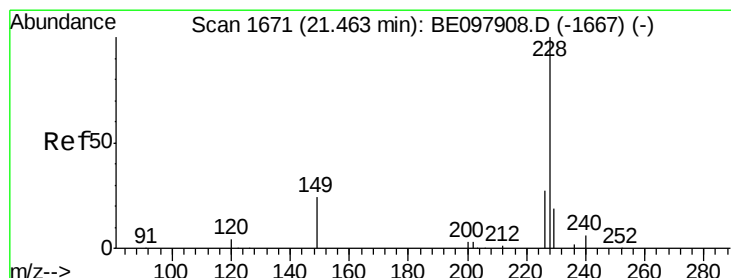
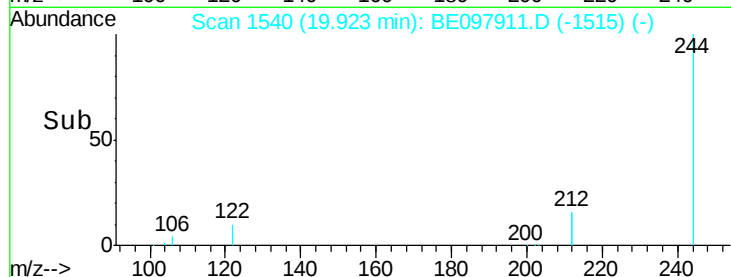
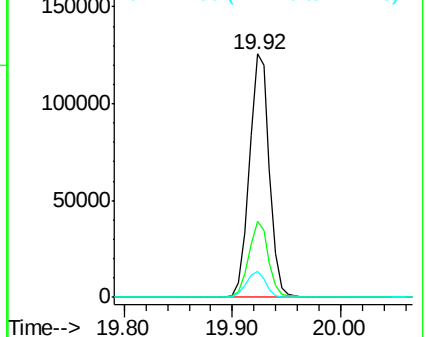
122 10.6 7.7 11.5



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: 3.578 ng

RT: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE097911.D

Acq: 16 Oct 2018 15:03

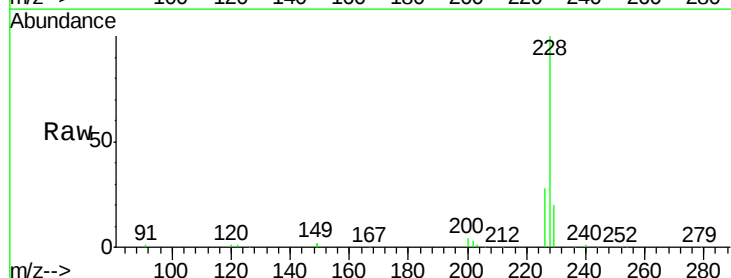
Tgt Ion:228 Resp: 204204

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

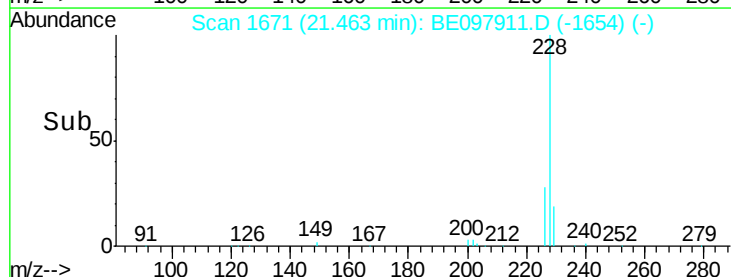
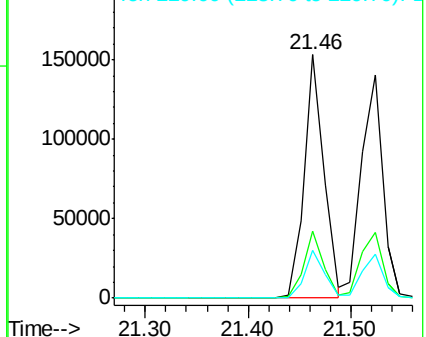
229 19.6 16.9 25.3

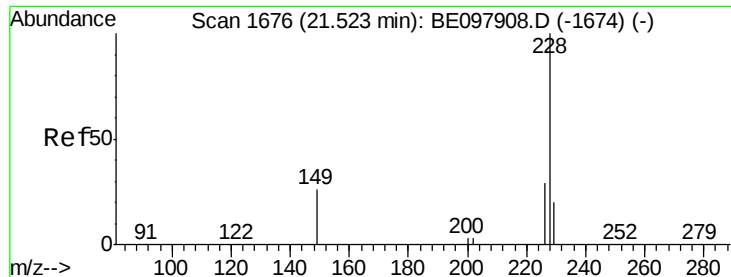


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.157 ng

RT: 21.52 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BE097911.D

Acq: 16 Oct 2018 15:03

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

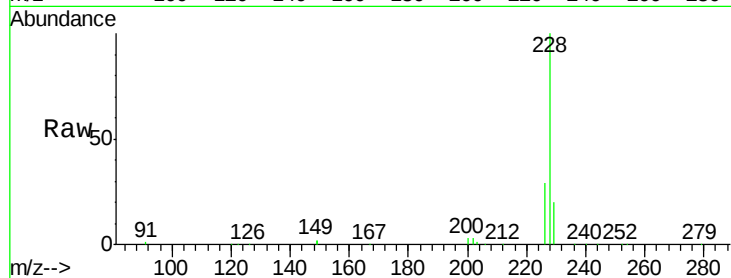
Tgt Ion: 228 Resp: 201461

Ion Ratio Lower Upper

228 100

226 29.4 24.3 36.5

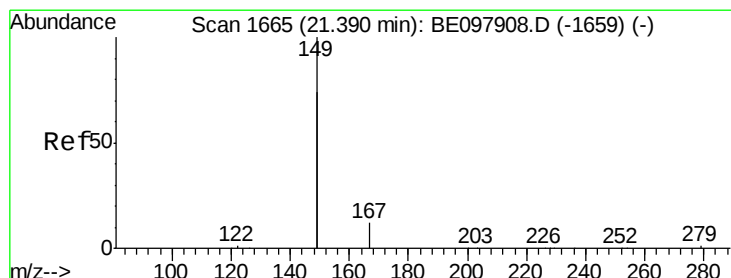
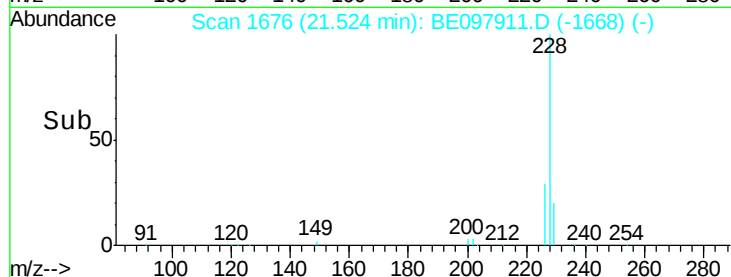
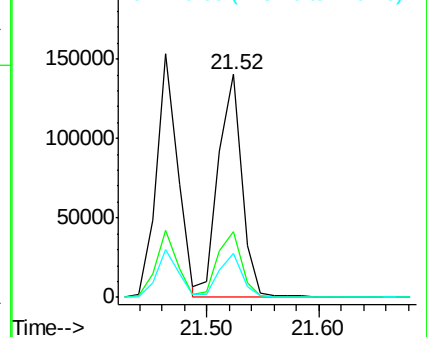
229 20.0 17.3 25.9



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: 8.719 ng

RT: 21.39 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BE097911.D

Acq: 16 Oct 2018 15:03

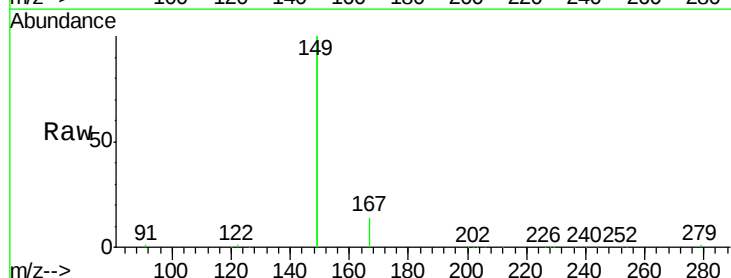
Tgt Ion: 149 Resp: 363991

Ion Ratio Lower Upper

149 100

167 7.1 5.6 8.4

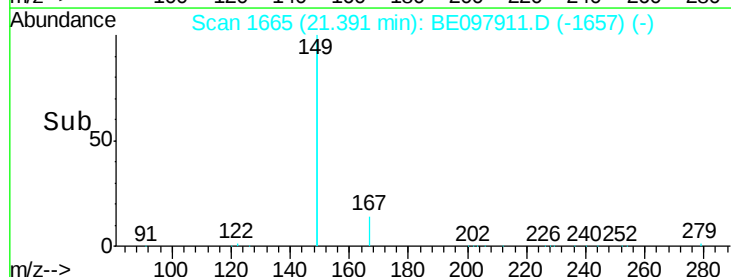
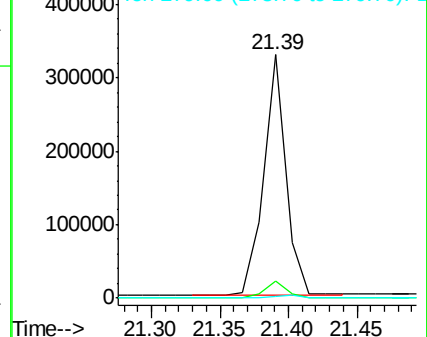
279 1.1 0.9 1.3

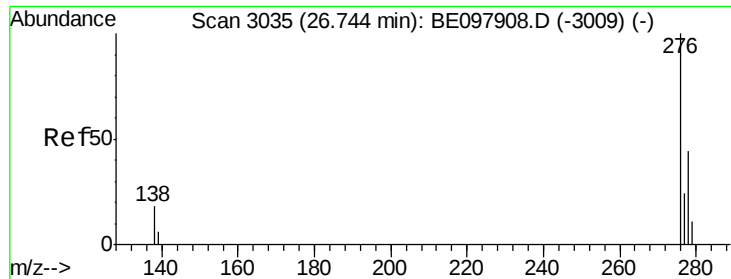


Abundance Ion 149.00 (148.70 to 149.70): E

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: 2.883 ng

RT: 26.74 min Scan# 3034

Delta R.T. -0.00 min

Lab File: BE097911.D

Acq: 16 Oct 2018 15:03

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

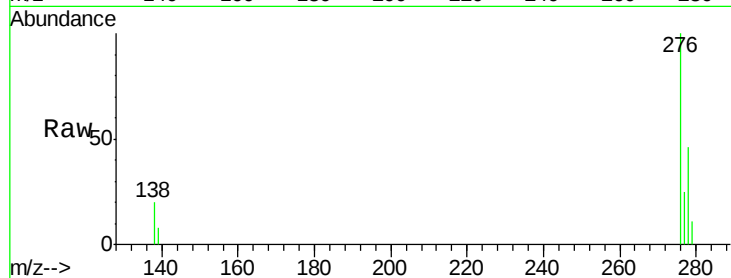
Tgt Ion:276 Resp: 159746

Ion Ratio Lower Upper

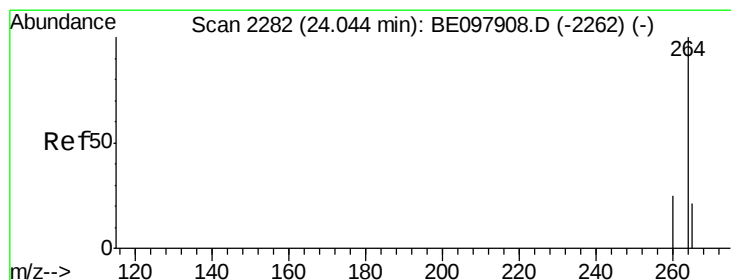
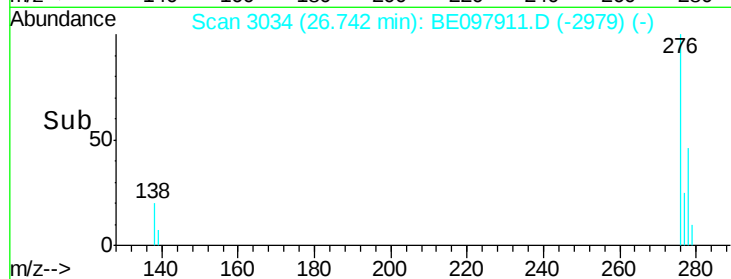
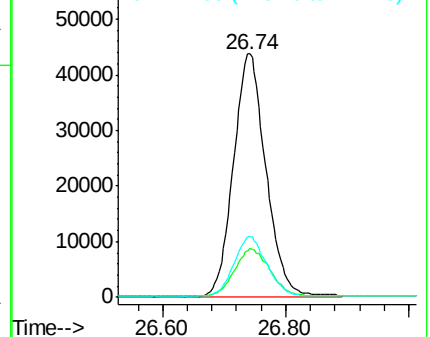
276 100

138 21.1 17.0 25.6

277 25.0 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# 2280

Delta R.T. -0.01 min

Lab File: BE097911.D

Acq: 16 Oct 2018 15:03

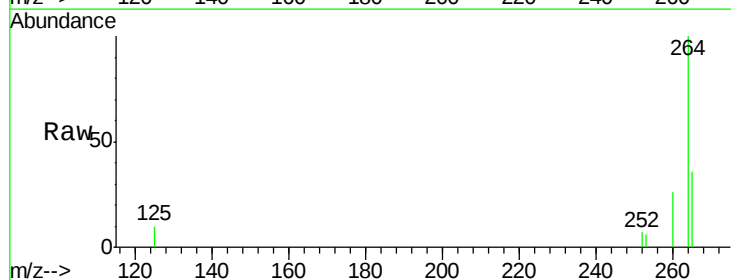
Tgt Ion:264 Resp: 15870

Ion Ratio Lower Upper

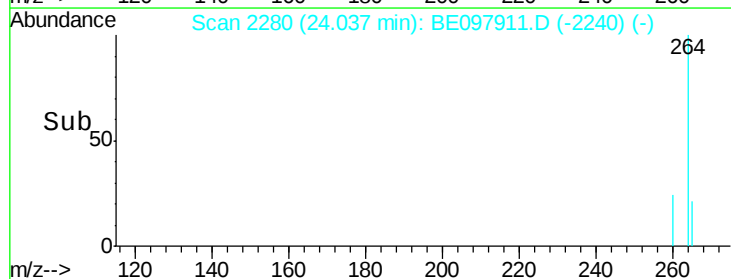
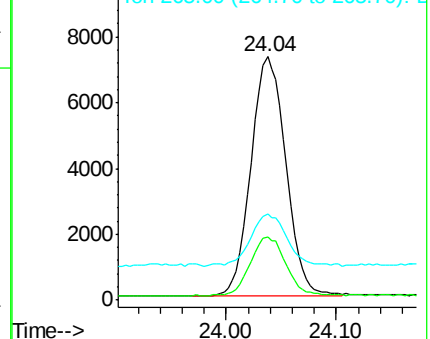
264 100

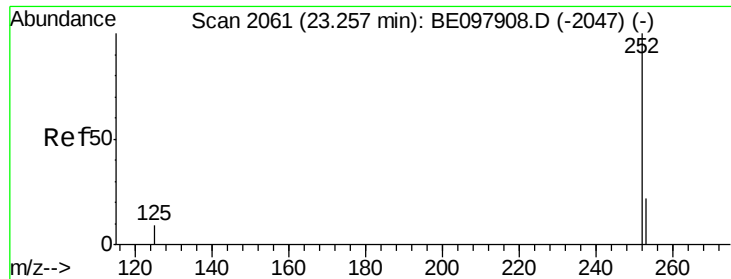
260 26.0 21.1 31.7

265 35.5 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: 3.457 ng

RT: 23.25 min Scan# 2060

Delta R.T. -0.00 min

Lab File: BE097911.D

Acq: 16 Oct 2018 15:03

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

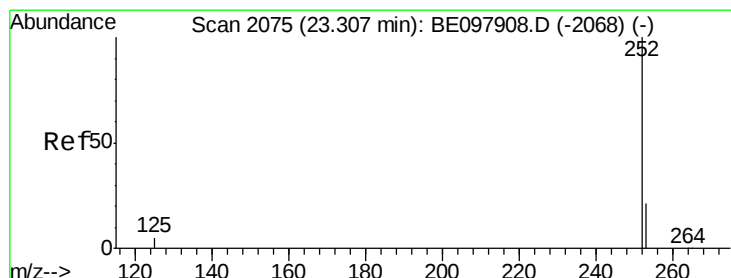
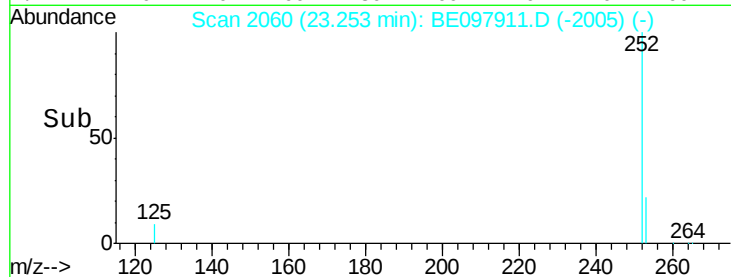
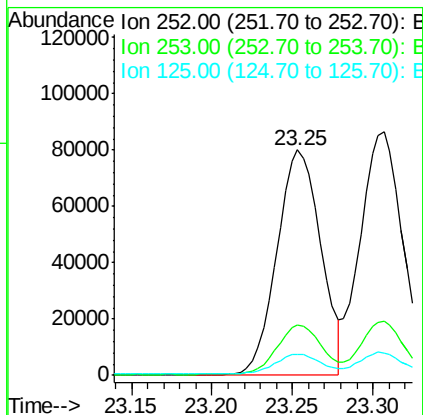
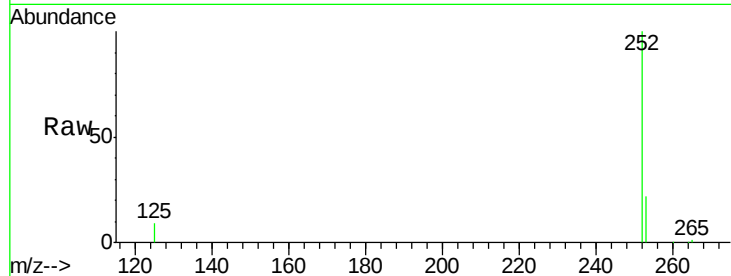
Tgt Ion:252 Resp: 150559

Ion Ratio Lower Upper

252 100

253 22.3 20.6 31.0

125 9.5 14.3 21.5#



#36

Benzo(k)fluoranthene

Concen: 3.325 ng

RT: 23.31 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BE097911.D

Acq: 16 Oct 2018 15:03

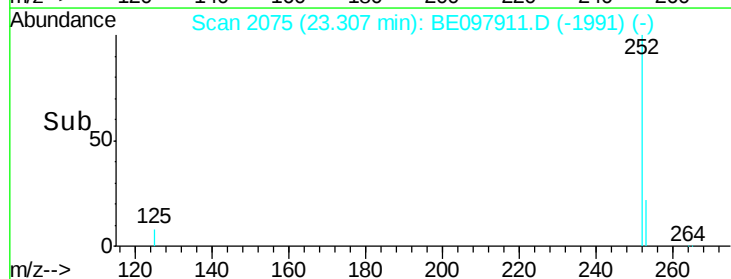
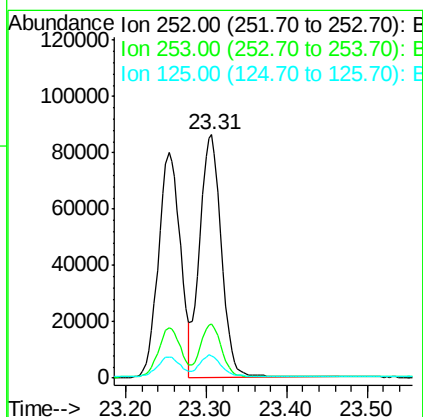
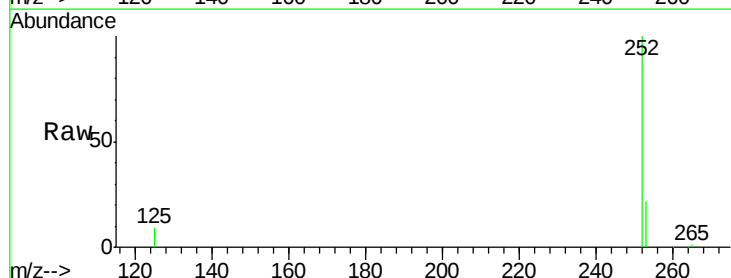
Tgt Ion:252 Resp: 160545

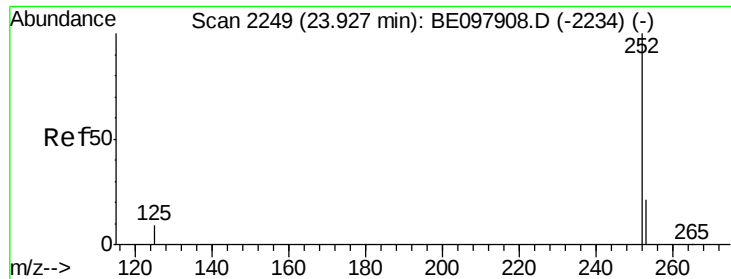
Ion Ratio Lower Upper

252 100

253 22.5 20.4 30.6

125 9.2 14.6 21.8#





#37

Benzo(a)pyrene

Concen: 3.638 ng

RT: 23.92 min Scan# 2248

Delta R.T. -0.00 min

Lab File: BE097911.D

Acq: 16 Oct 2018 15:03

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

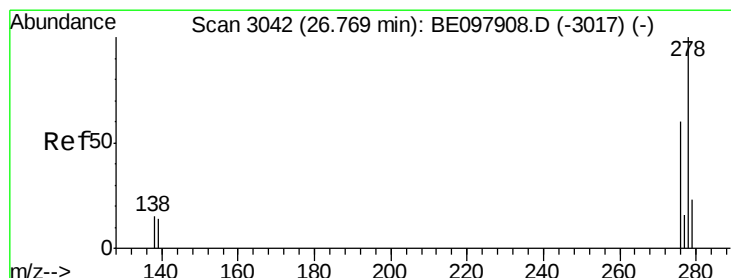
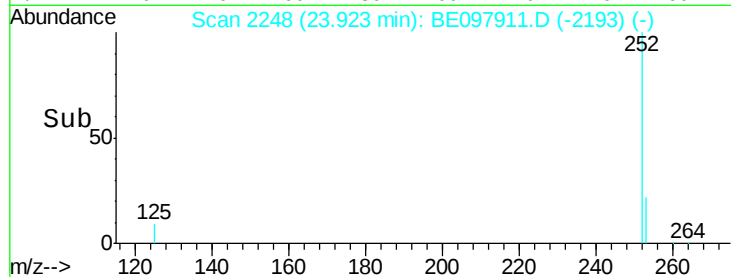
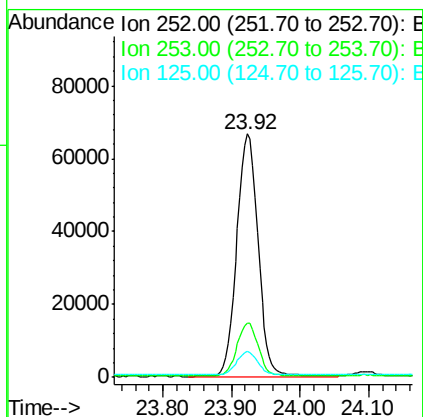
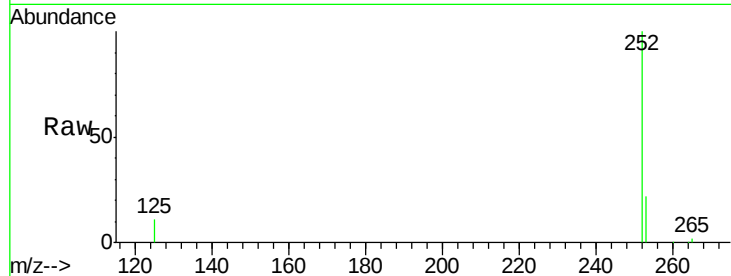
Tgt Ion:252 Resp: 143438

Ion Ratio Lower Upper

252 100

253 22.2 20.6 31.0

125 10.5 15.6 23.4#



#38

Dibenzo(a,h)anthracene

Concen: 3.488 ng

RT: 26.77 min Scan# 3041

Delta R.T. -0.00 min

Lab File: BE097911.D

Acq: 16 Oct 2018 15:03

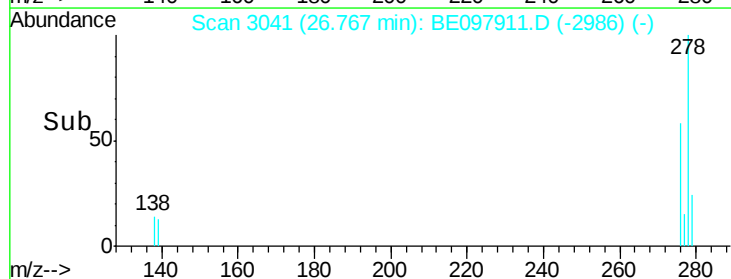
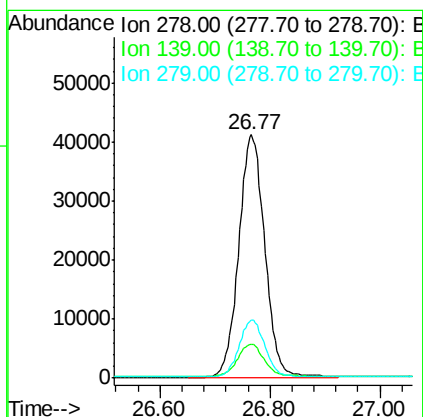
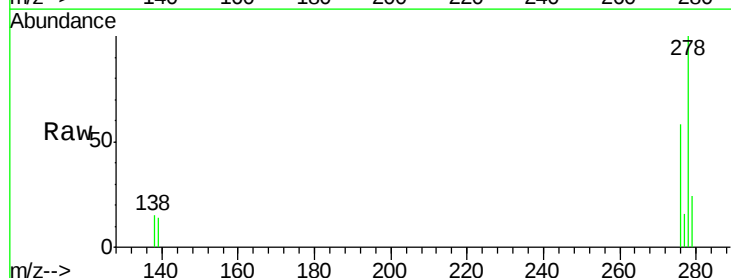
Tgt Ion:278 Resp: 135460

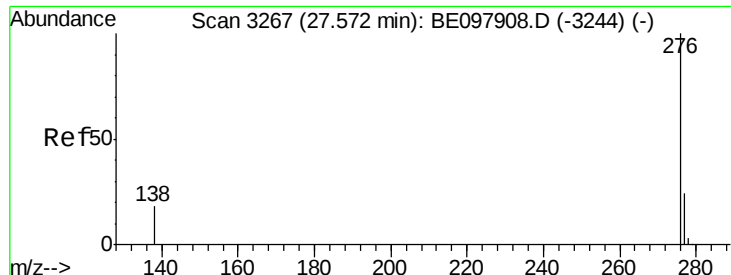
Ion Ratio Lower Upper

278 100

139 13.8 16.3 24.5#

279 24.0 21.4 32.2





#39

Benzo(g,h,i)perylene

Concen: 3.286 ng

RT: 27.57 min Scan# 3267

Delta R.T. 0.00 min

Lab File: BE097911.D

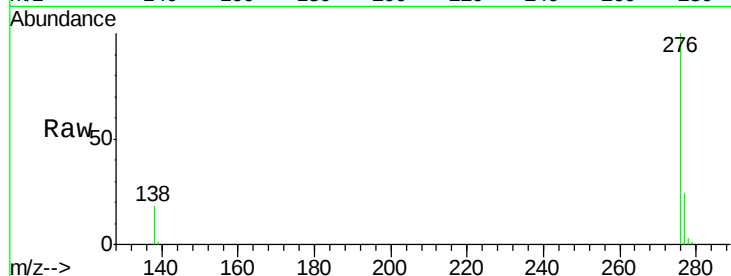
Acq: 16 Oct 2018 15:03

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2



Tgt Ion: 276 Resp: 133524

Ion Ratio Lower Upper

276 100

277 24.2 22.1 33.1

138 18.5 19.3 28.9

