

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102418\
 Data File : BE098038.D
 Acq On : 24 Oct 2018 14:45
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE102418

Quant Time: Oct 24 15:16:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 24 13:49:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	1160	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	5576	0.40	ng	0.01
13) Acenaphthene-d10	14.56	164	3833	0.40	ng	0.01
19) Phenanthrene-d10	17.29	188	9241	0.40	ng	0.00
27) Chrysene-d12	21.47	240	11064	0.40	ng	0.00
34) Perylene-d12	24.03	264	11181	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1402	0.40	ng	0.00
5) Phenol-d6	7.07	99	2275	0.39	ng	0.00
8) Nitrobenzene-d5	9.04	82	2369	0.40	ng	0.01
11) 2-Methylnaphthalene-d10	12.29	152	3847	0.39	ng	0.01
14) 2,4,6-Tribromophenol	16.05	330	713	0.37	ng	0.01
15) 2-Fluorobiphenyl	13.17	172	5778	0.37	ng	0.01
25) Fluoranthene-d10	19.33	212	45436	0.38	ng	0.00
29) Terphenyl-d14	19.92	244	9658	0.37	ng	0.00

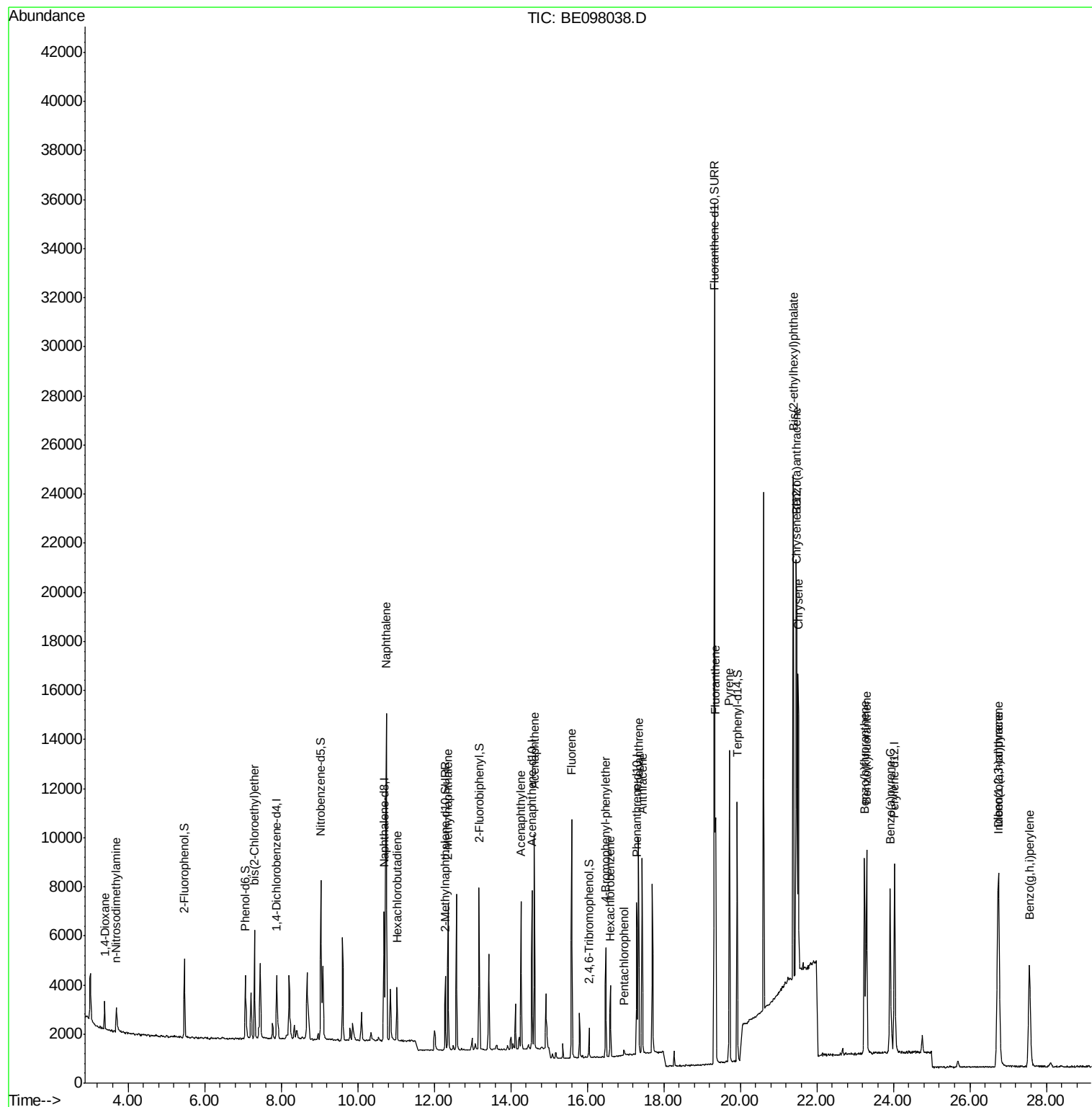
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	690	0.386	ng	94
3) n-Nitrosodimethylamine	3.69	42	955	0.401	ng	# 76
6) bis(2-Chloroethyl)ether	7.31	93	1558	0.380	ng	90
9) Naphthalene	10.74	128	21617	0.390	ng	100
10) Hexachlorobutadiene	11.03	225	1481	0.394	ng	97
12) 2-Methylnaphthalene	12.37	142	3924	0.392	ng	97
16) Acenaphthylene	14.27	152	6687	0.385	ng	100
17) Acenaphthene	14.61	154	4126	0.393	ng	98
18) Fluorene	15.59	166	5375	0.380	ng	97
20) 4-Bromophenyl-phenylether	16.49	248	2214	0.397	ng	95
21) Hexachlorobenzene	16.60	284	2298	0.395	ng	99
22) Pentachlorophenol	16.97	266	208	0.429	ng	# 78
23) Phenanthrene	17.34	178	8850	0.390	ng	99
24) Anthracene	17.43	178	8579	0.385	ng	100
26) Fluoranthene	19.36	202	10839	0.383	ng	96
28) Pyrene	19.72	202	11510	0.377	ng	100
30) Benzo(a)anthracene	21.46	228	12464	0.381	ng	97
31) Chrysene	21.51	228	12059	0.380	ng	97
32) Bis(2-ethylhexyl)phthalate	21.39	149	29355	0.378	ng	100
33) Indeno(1,2,3-cd)pyrene	26.73	276	13173	0.380	ng	# 95
35) Benzo(b)fluoranthene	23.25	252	11678	0.376	ng	# 92
36) Benzo(k)fluoranthene	23.30	252	11843	0.367	ng	# 93
37) Benzo(a)pyrene	23.92	252	11483	0.376	ng	# 93
38) Dibenzo(a,h)anthracene	26.76	278	10999	0.370	ng	# 93
39) Benzo(g,h,i)perylene	27.55	276	11078	0.376	ng	# 92

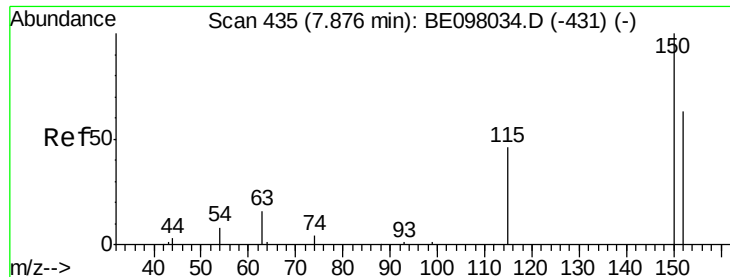
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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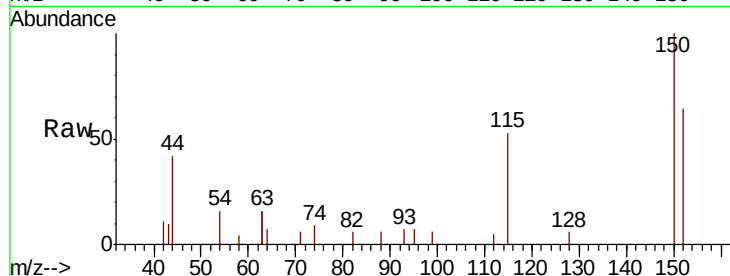


#1

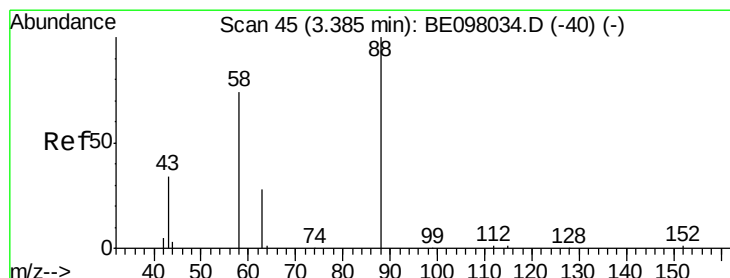
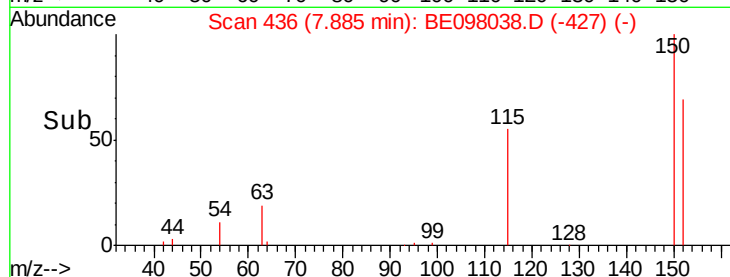
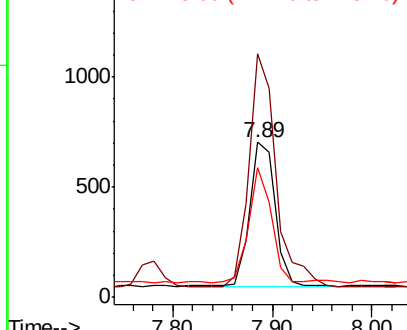
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. 0.01 min
Lab File: BE098038.D
Acq: 24 Oct 2018 14:45

Instrument :
BNA_E
ClientSampleId :
ICVBE102418

Tot Ion:152 Resp: 1160
Ion Ratio Lower Upper
152 100
150 157.2 118.2 177.4
115 83.5 50.9 76.3#



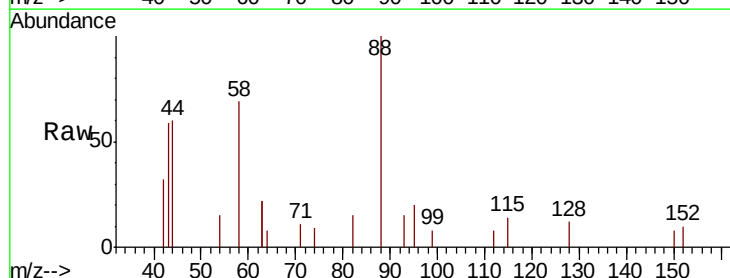
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



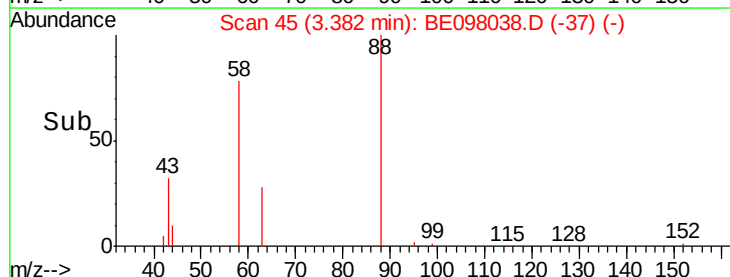
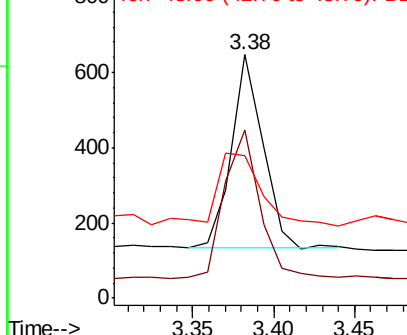
#2

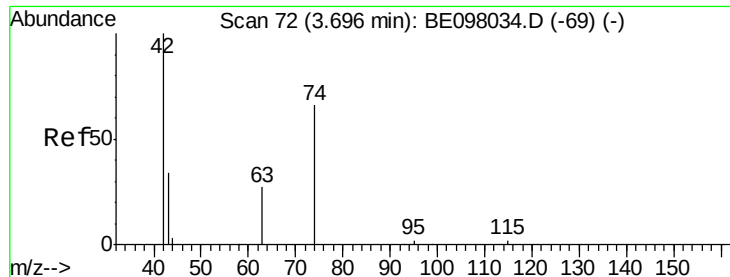
1,4-Dioxane
Concen: 0.386 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE098038.D
Acq: 24 Oct 2018 14:45

Tgt Ion: 88 Resp: 690
Ion Ratio Lower Upper
88 100
58 87.2 73.2 109.8
43 51.2 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



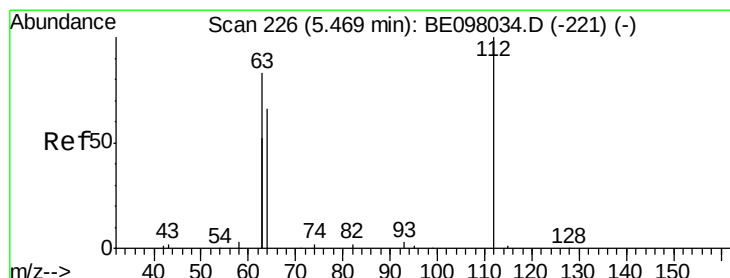
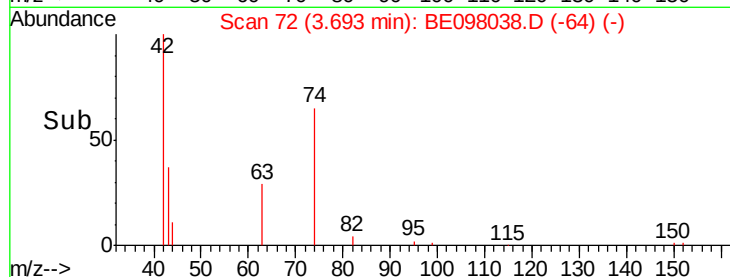
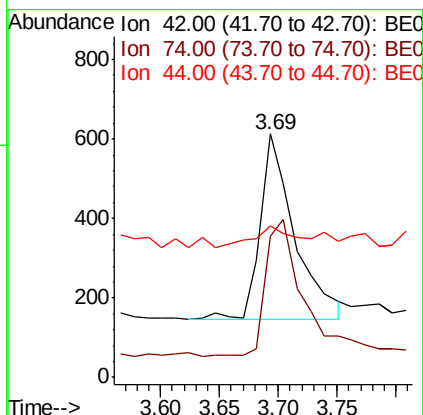
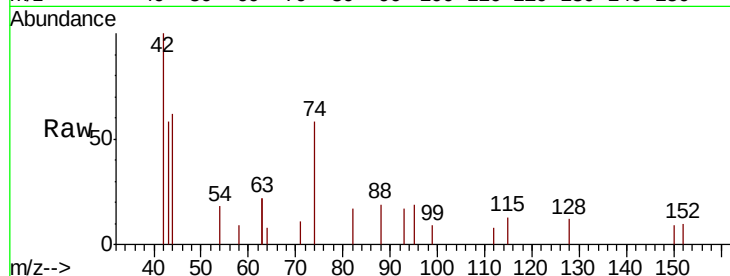


#3

n-Nitrosodimethylamine
 Concen: 0.401 ng
 RT: 3.69 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: BE098038.D
 Acq: 24 Oct 2018 14:45

Instrument :
 BNA_E
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 ICVBE102418

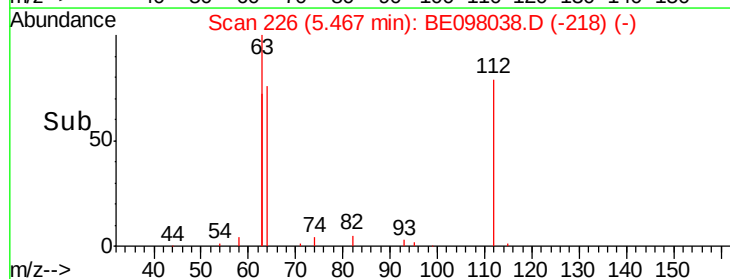
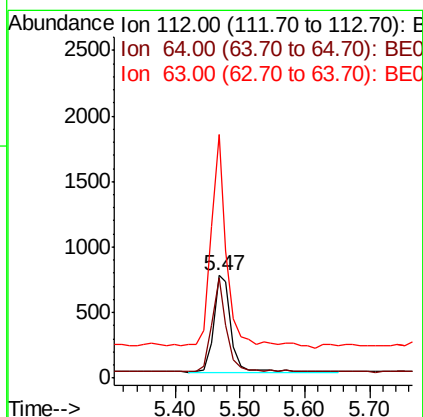
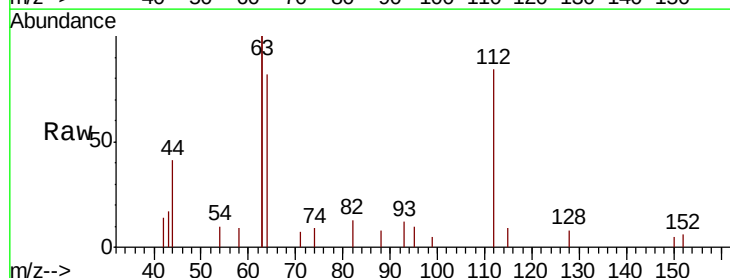
Tot Ion: 42 Resp: 955
 Ion Ratio Lower Upper
 42 100
 74 72.0 77.6 116.4#
 44 13.4 7.6 11.4#

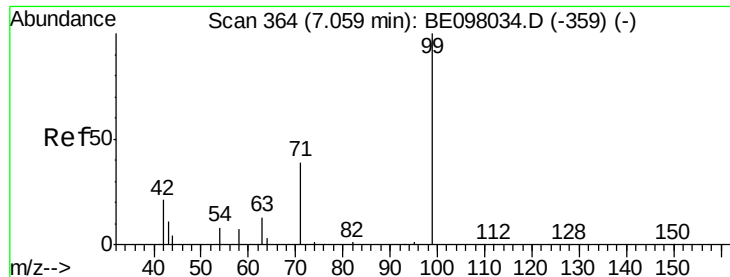


#4

2-Fluorophenol
 Concen: 0.399 ng
 RT: 5.47 min Scan# 226
 Delta R.T. -0.00 min
 Lab File: BE098038.D
 Acq: 24 Oct 2018 14:45

Tgt Ion: 112 Resp: 1402
 Ion Ratio Lower Upper
 112 100
 64 78.8 58.9 88.3
 63 199.4 120.3 180.5#





#5

Phenol-d6

Concen: 0.389 ng

RT: 7.07 min Scan# 365

Delta R.T. 0.01 min

Lab File: BE098038.D

Acq: 24 Oct 2018 14:45

Instrument :

BNA_E

ClientSampleId :

ICVBE102418

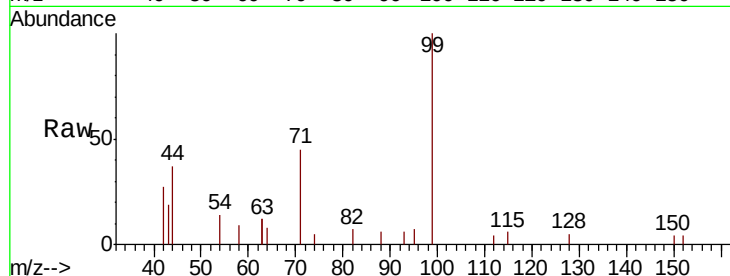
Tot Ion: 99 Resp: 2275

Ion Ratio Lower Upper

99 100

42 32.6 19.9 29.9#

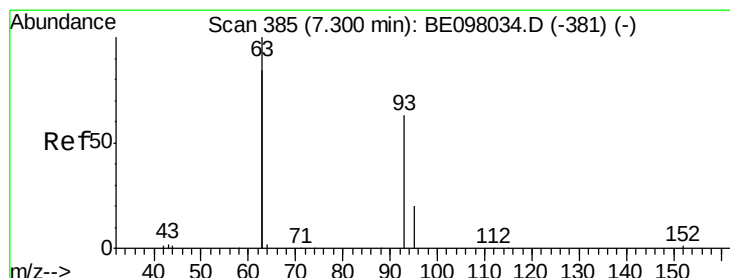
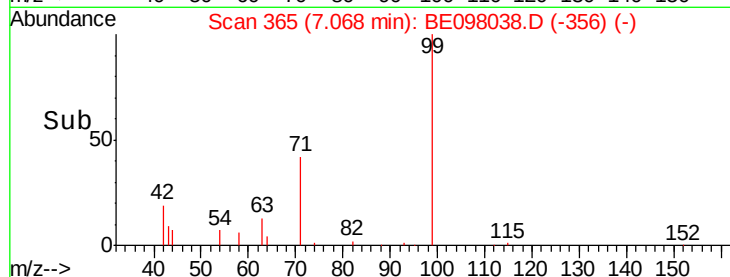
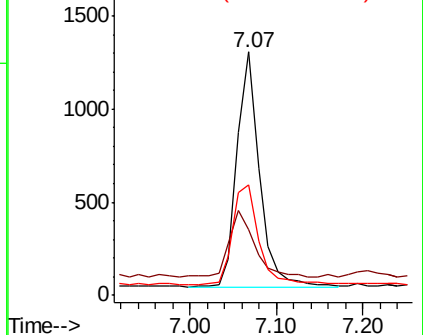
71 49.9 27.8 41.8#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.380 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.01 min

Lab File: BE098038.D

Acq: 24 Oct 2018 14:45

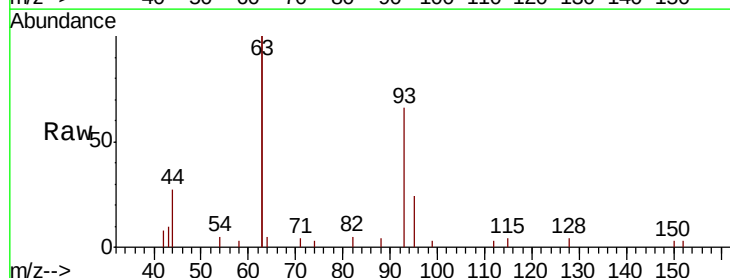
Tgt Ion: 93 Resp: 1558

Ion Ratio Lower Upper

93 100

63 347.2 259.0 388.4

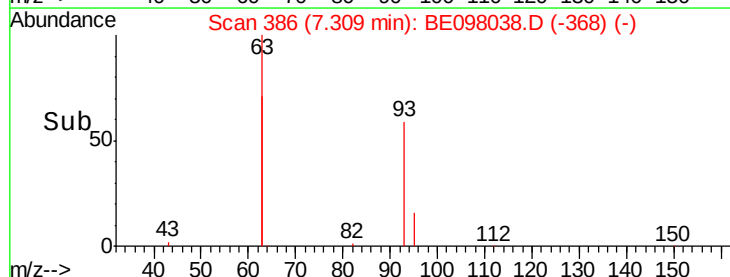
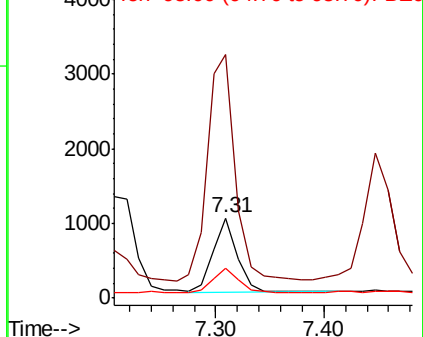
95 33.9 27.8 41.8

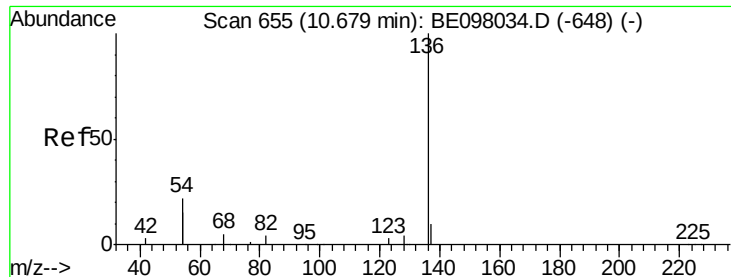


Abundance Ion 93.00 (92.70 to 93.70): BE0

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. 0.01 min

Lab File: BE098038.D

Acq: 24 Oct 2018 14:45

Instrument :

BNA_E

ClientSampleId :

ICVBE102418

Tot Ion:136 Resp: 5576

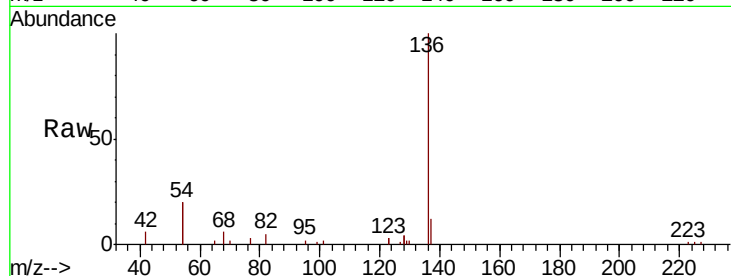
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 40.7 27.7 41.5

68 6.2 5.3 7.9

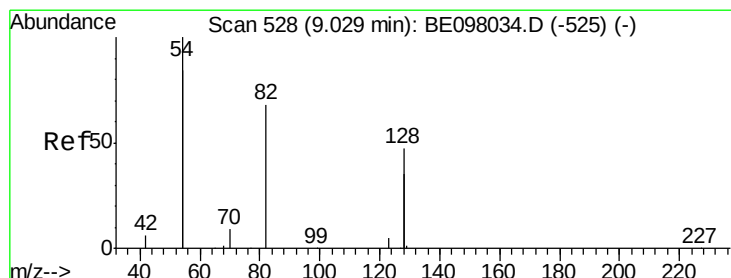
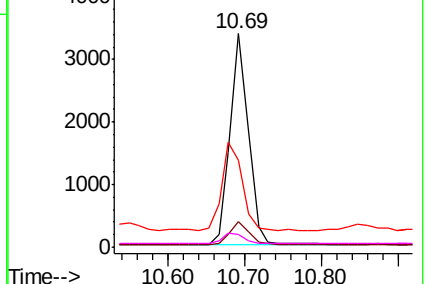
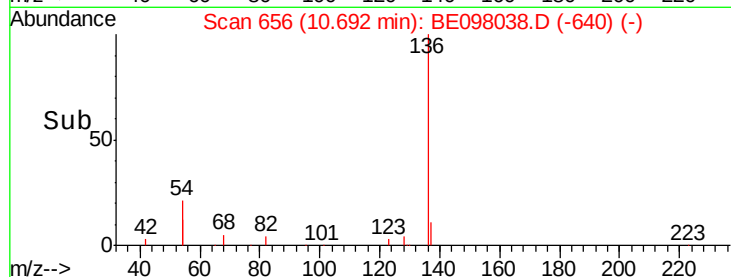


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.400 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.01 min

Lab File: BE098038.D

Acq: 24 Oct 2018 14:45

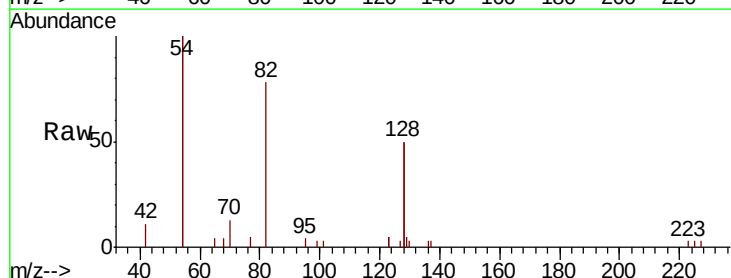
Tgt Ion: 82 Resp: 2369

Ion Ratio Lower Upper

82 100

128 128.5 129.9 194.9#

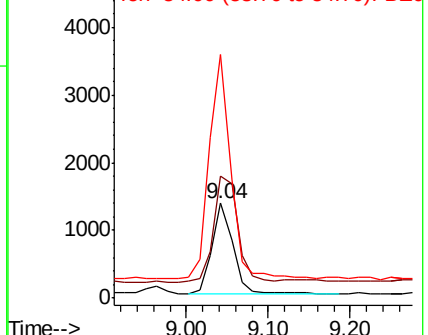
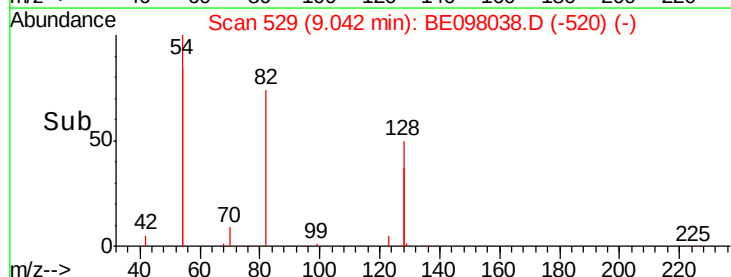
54 256.8 174.0 261.0

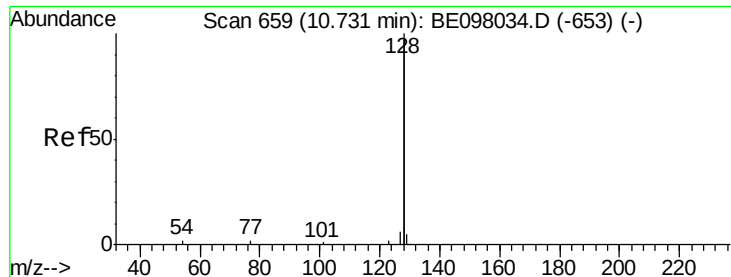


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.390 ng

RT: 10.74 min Scan# 660

Delta R.T. 0.01 min

Lab File: BE098038.D

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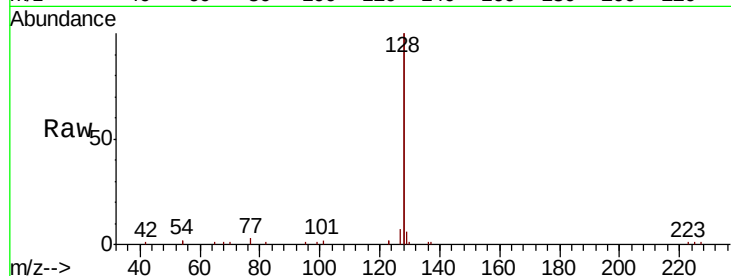
Tot Ion:128 Resp: 21617

Ion Ratio Lower Upper

128 100

129 3.2 2.5 3.7

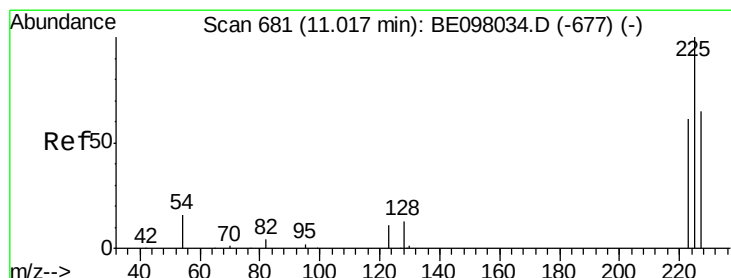
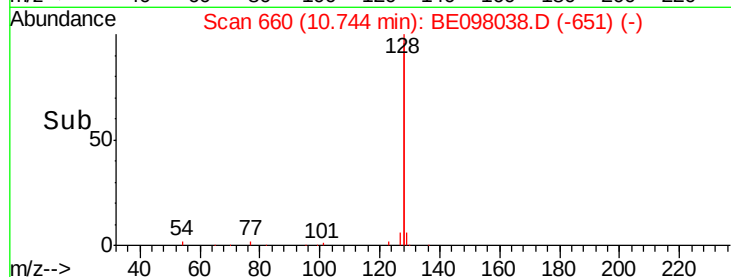
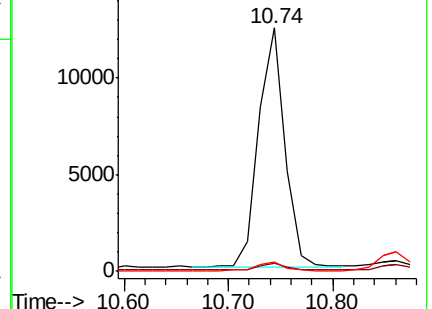
127 3.6 2.8 4.2



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: 0.394 ng

RT: 11.03 min Scan# 682

Delta R.T. 0.01 min

Lab File: BE098038.D

Acq: 24 Oct 2018 14:45

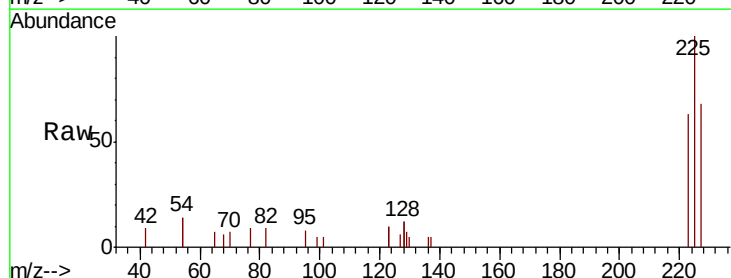
Tgt Ion:225 Resp: 1481

Ion Ratio Lower Upper

225 100

223 60.9 51.8 77.8

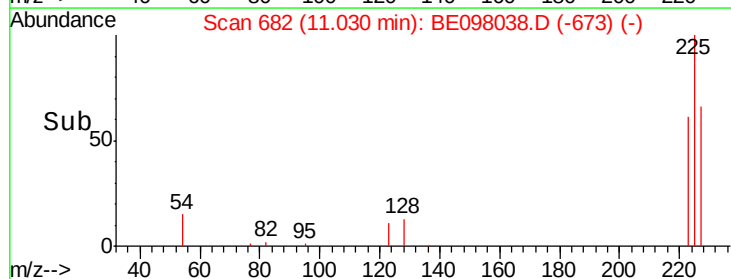
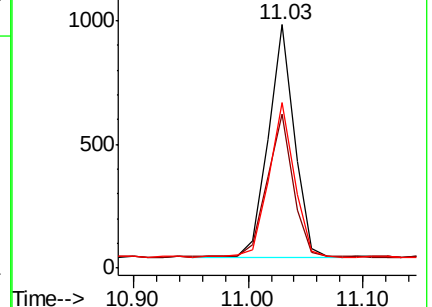
227 65.6 53.0 79.6

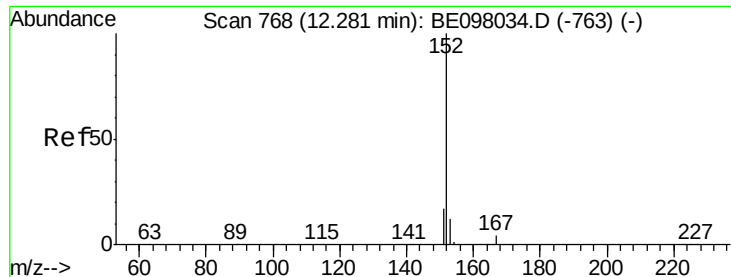


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

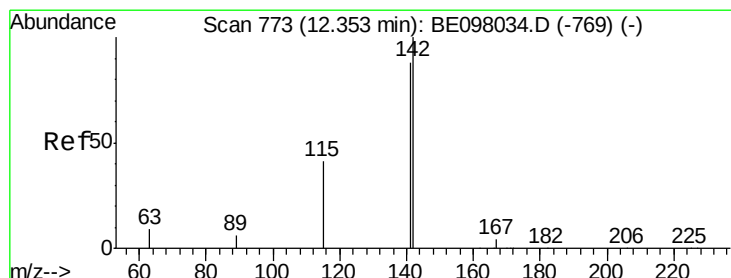
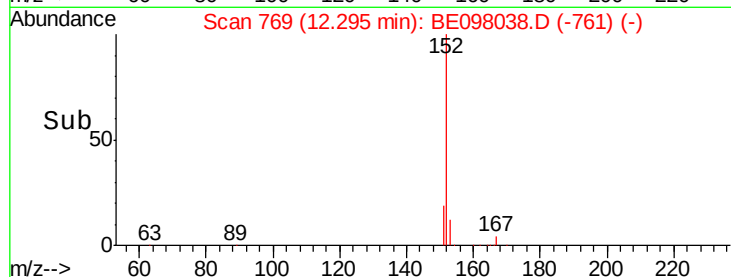
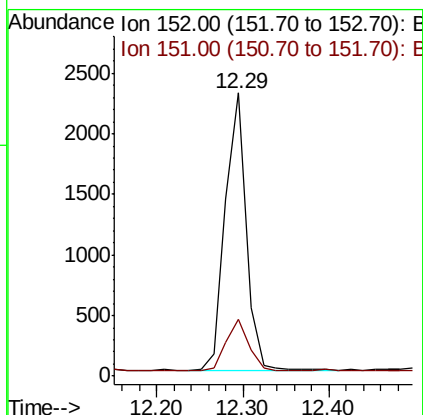
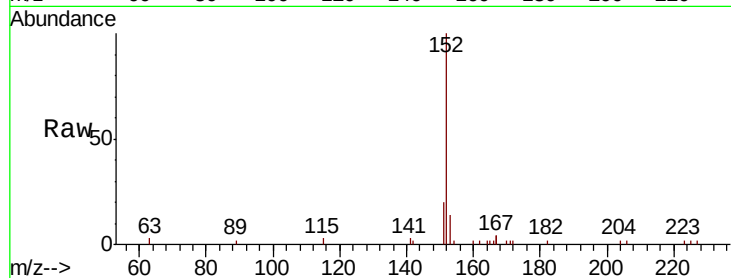




#11
 2-Methylnaphthalene-d10
 Concen: 0.389 ng
 RT: 12.29 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: BE098038.D
 Acq: 24 Oct 2018 14:45

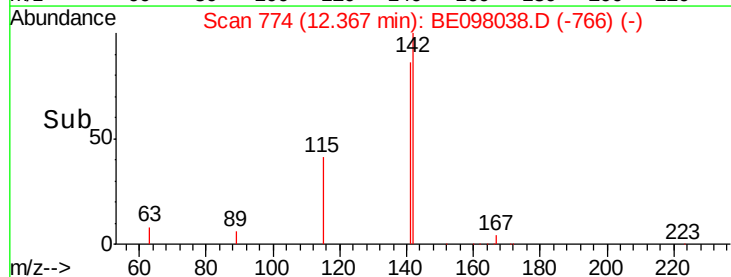
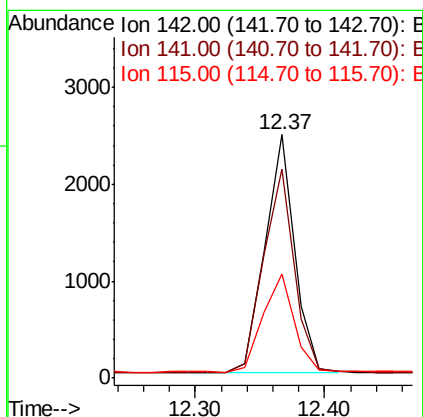
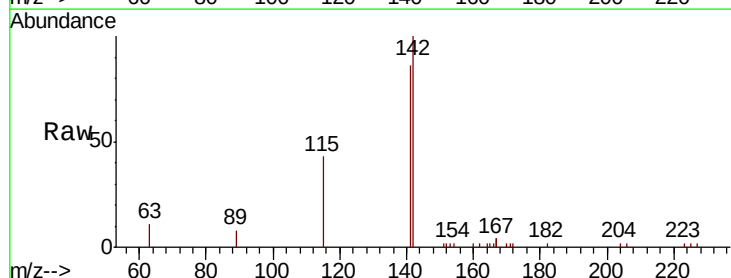
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE102418

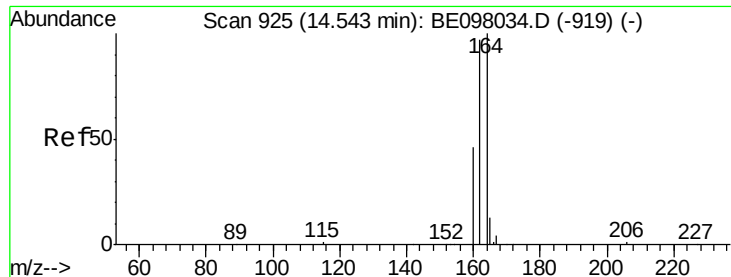
Tot Ion:152 Resp: 3847
 Ion Ratio Lower Upper
 152 100
 151 19.9 16.2 24.4



#12
 2-Methylnaphthalene
 Concen: 0.392 ng
 RT: 12.37 min Scan# 774
 Delta R.T. 0.01 min
 Lab File: BE098038.D
 Acq: 24 Oct 2018 14:45

Tgt Ion:142 Resp: 3924
 Ion Ratio Lower Upper
 142 100
 141 85.9 69.8 104.6
 115 43.0 30.5 45.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.56 min Scan# 926

Delta R.T. 0.01 min

Lab File: BE098038.D

Acq: 24 Oct 2018 14:45

Instrument :

BNA_E

ClientSampleId :

ICVBE102418

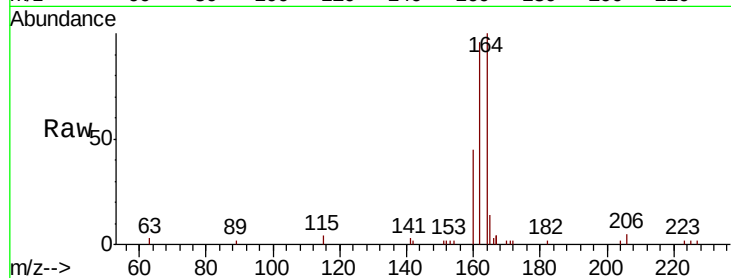
Tot Ion:164 Resp: 3833

Ion Ratio Lower Upper

164 100

162 96.1 77.4 116.2

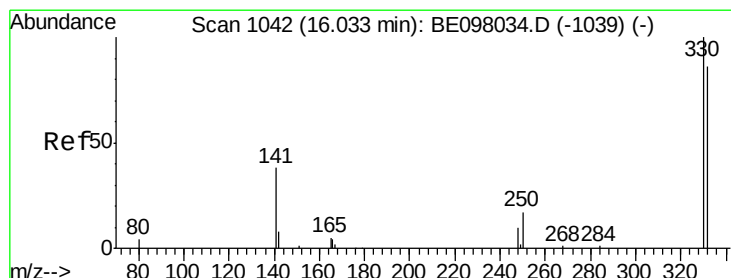
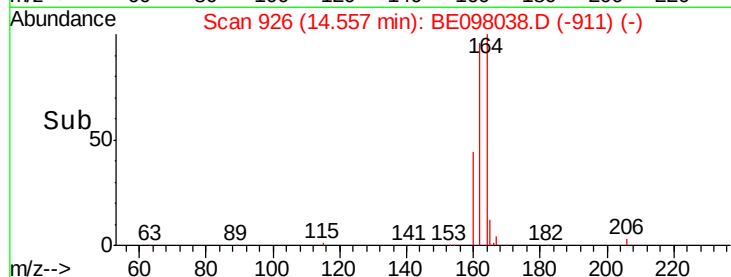
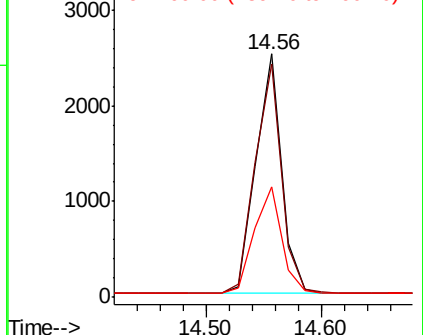
160 45.2 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.369 ng

RT: 16.05 min Scan# 1043

Delta R.T. 0.01 min

Lab File: BE098038.D

Acq: 24 Oct 2018 14:45

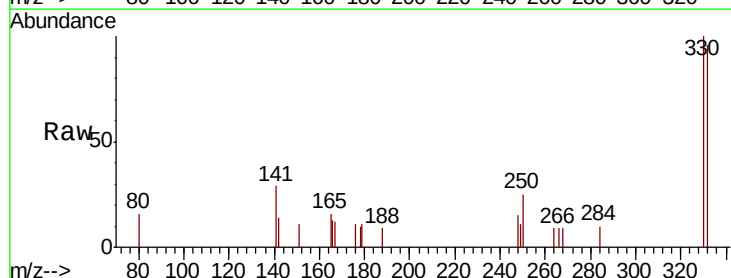
Tgt Ion:330 Resp: 713

Ion Ratio Lower Upper

330 100

332 101.5 76.5 114.7

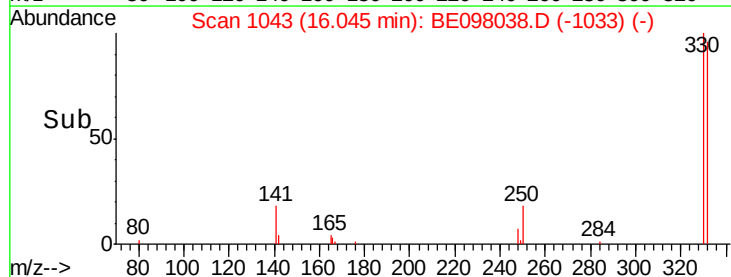
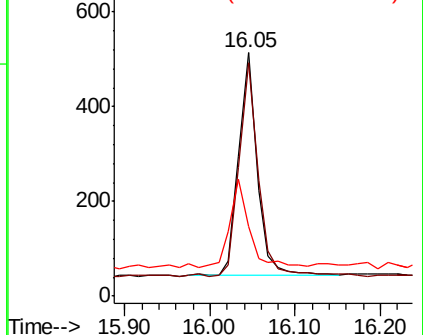
141 41.0 31.8 47.6

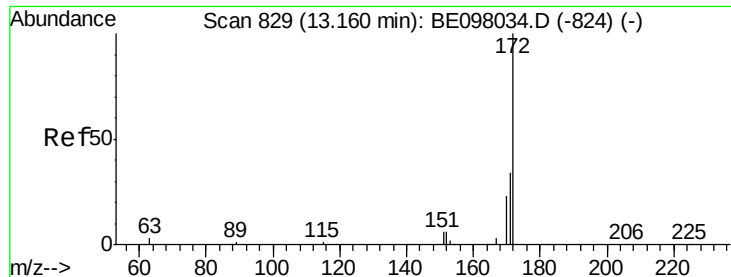


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

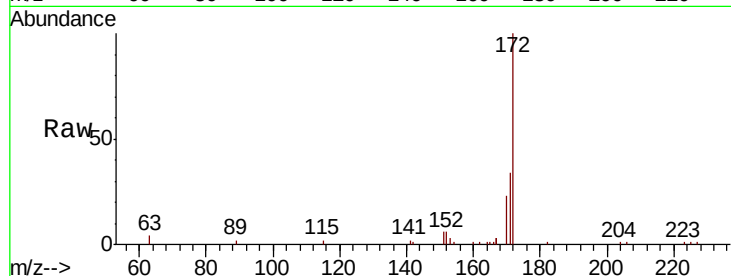




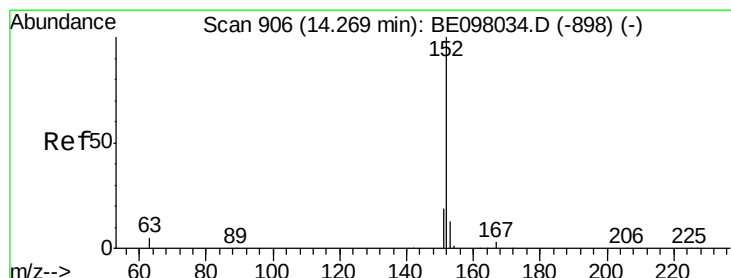
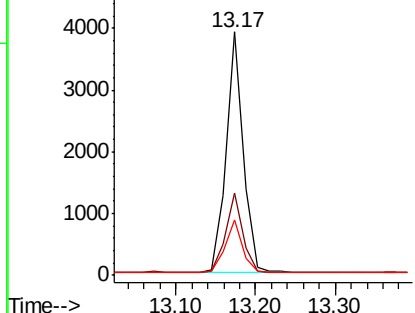
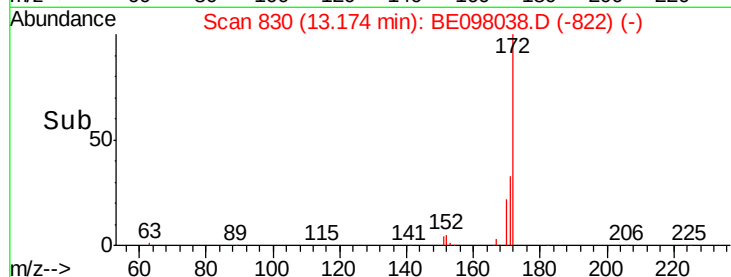
#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.17 min Scan# 830
Delta R.T. 0.01 min
Lab File: BE098038.D
Acq: 24 Oct 2018 14:45

Instrument :
BNA_E
ClientSampleId :
ICVBE102418

Tot Ion:172 Resp: 5778
Ion Ratio Lower Upper
172 100
171 34.0 26.0 39.0
170 22.7 18.0 27.0

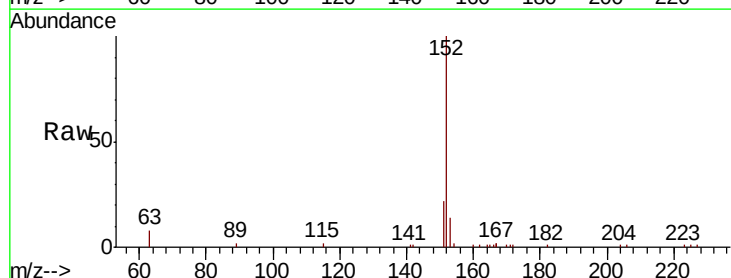


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

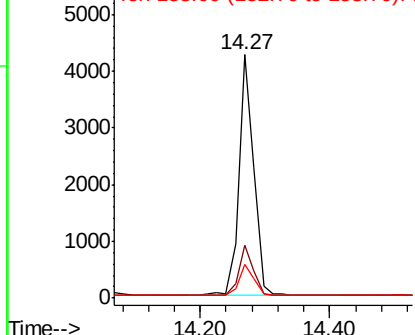
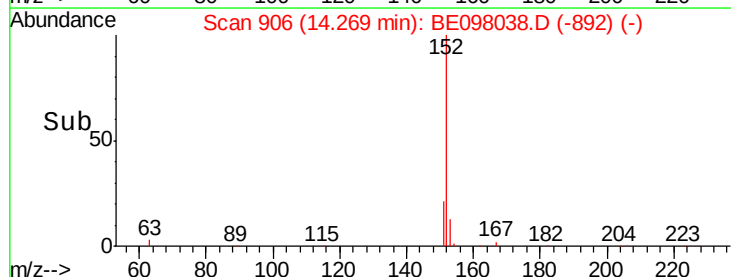


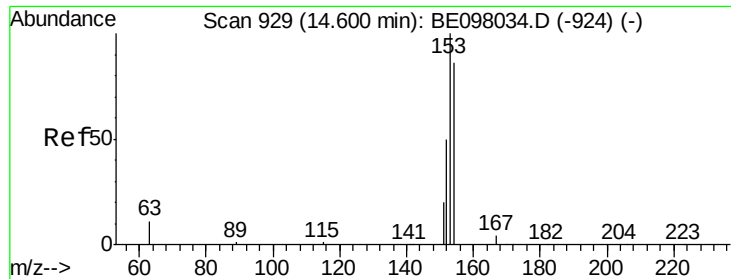
#16
Acenaphthylene
Concen: 0.385 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE098038.D
Acq: 24 Oct 2018 14:45

Tgt Ion:152 Resp: 6687
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 14.0 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

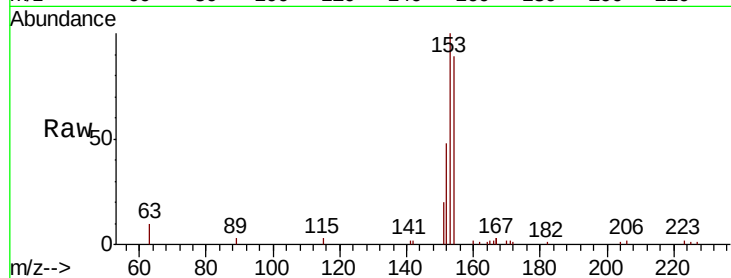




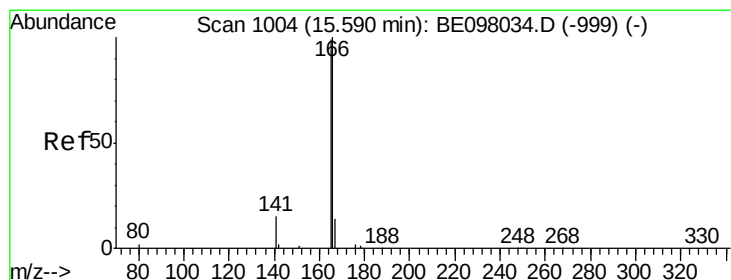
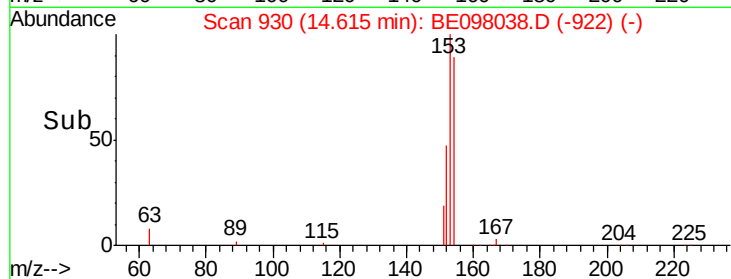
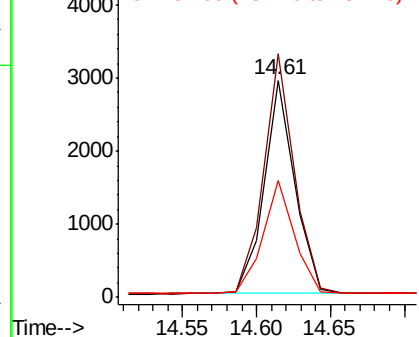
#17
Acenaphthene
Concen: 0.393 ng
RT: 14.61 min Scan# 930
Delta R.T. 0.01 min
Lab File: BE098038.D
Acq: 24 Oct 2018 14:45

Instrument :
BNA_E
ClientSampleId :
ICVBE102418

Tot Ion:154 Resp: 4126
Ion Ratio Lower Upper
154 100
153 114.2 92.6 139.0
152 55.1 45.5 68.3

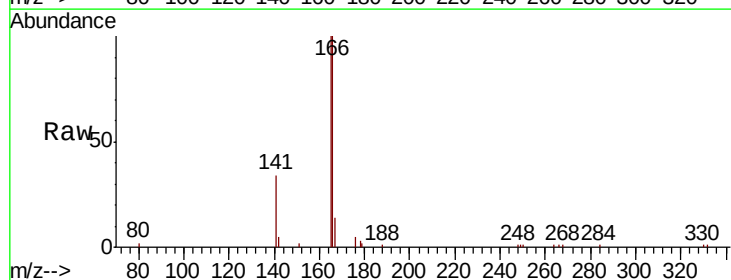


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

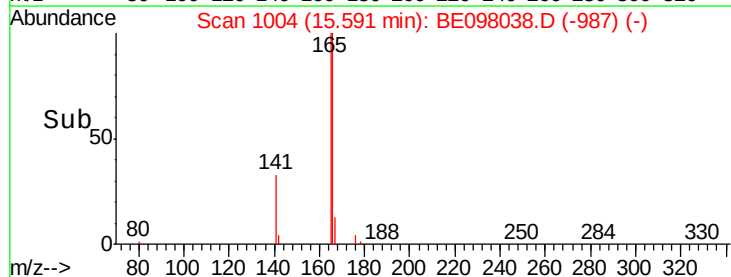
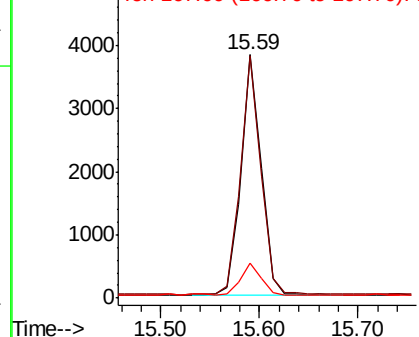


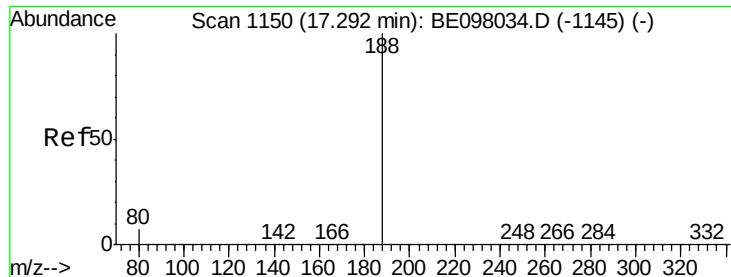
#18
Fluorene
Concen: 0.380 ng
RT: 15.59 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE098038.D
Acq: 24 Oct 2018 14:45

Tgt Ion:166 Resp: 5375
Ion Ratio Lower Upper
166 100
165 100.8 78.2 117.4
167 13.9 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.29 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BE098038.D

Acq: 24 Oct 2018 14:45

Instrument :

BNA_E

ClientSampleId :

ICVBE102418

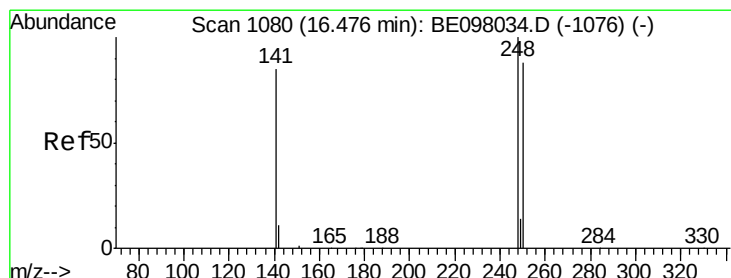
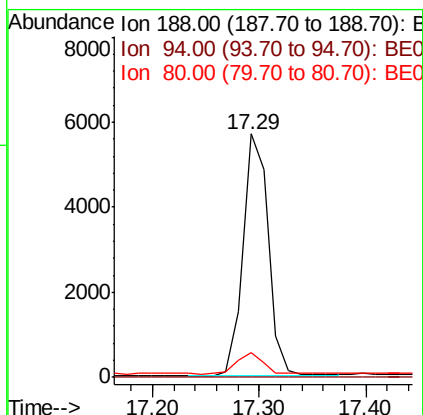
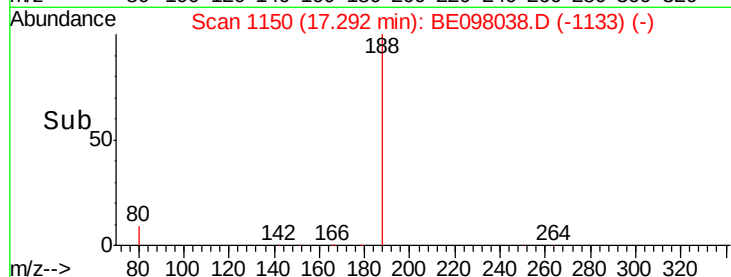
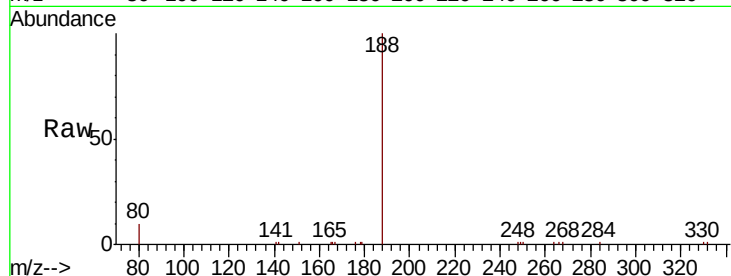
Tot Ion:188 Resp: 9241

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.4 6.3 9.5#



#20

4-Bromophenyl-phenylether

Concen: 0.397 ng

RT: 16.49 min Scan# 1081

Delta R.T. 0.01 min

Lab File: BE098038.D

Acq: 24 Oct 2018 14:45

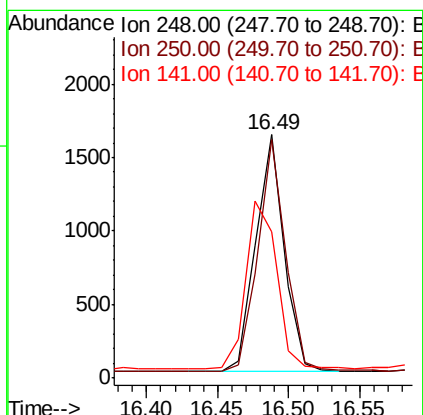
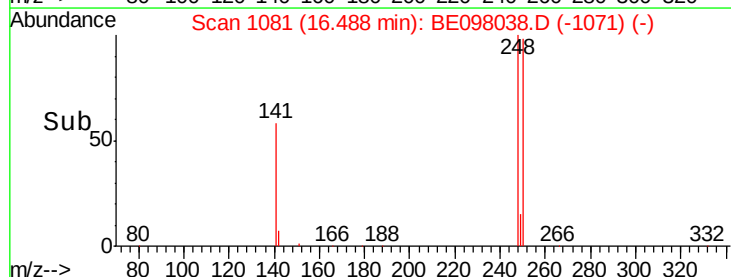
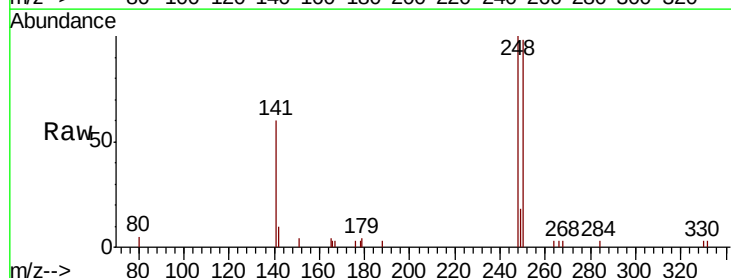
Tgt Ion:248 Resp: 2214

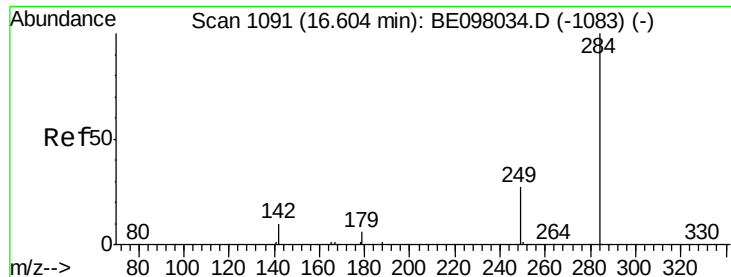
Ion Ratio Lower Upper

248 100

250 98.2 75.1 112.7

141 60.1 51.8 77.8





#21

Hexachlorobenzene

Concen: 0.395 ng

RT: 16.60 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE098038.D

Acq: 24 Oct 2018 14:45

Instrument :

BNA_E

ClientSampleId :

ICVBE102418

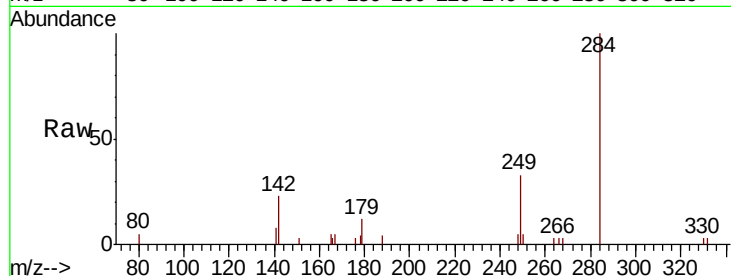
Tot Ion:284 Resp: 2298

Ion Ratio Lower Upper

284 100

142 32.6 25.9 38.9

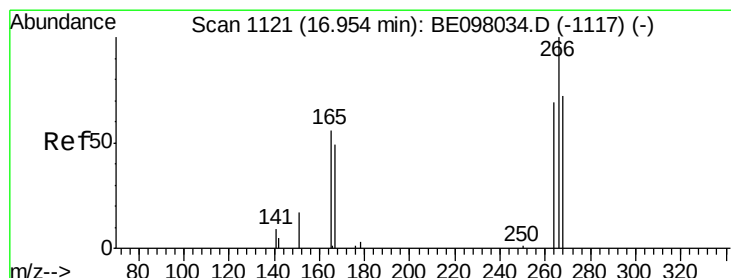
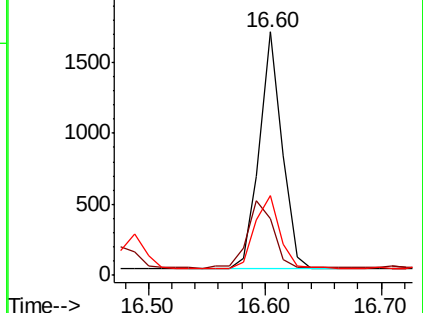
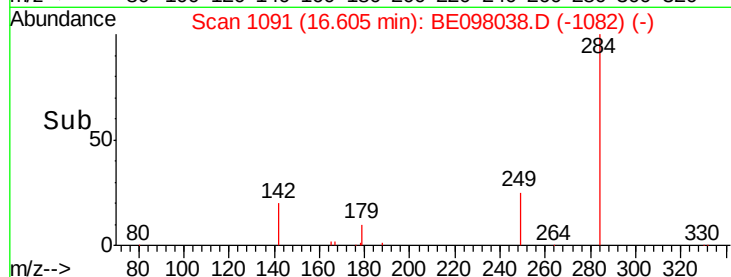
249 33.9 26.6 40.0



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: 0.429 ng

RT: 16.97 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BE098038.D

Acq: 24 Oct 2018 14:45

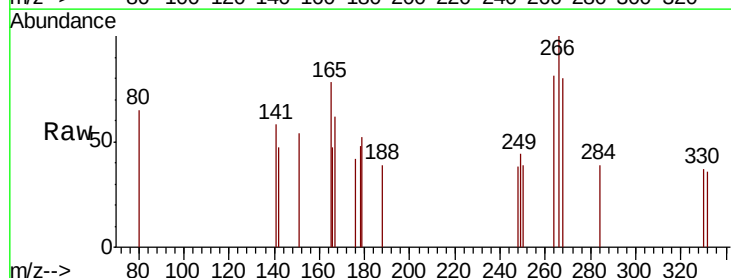
Tgt Ion:266 Resp: 208

Ion Ratio Lower Upper

266 100

264 81.1 51.3 76.9#

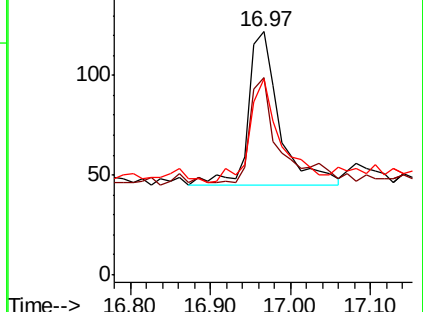
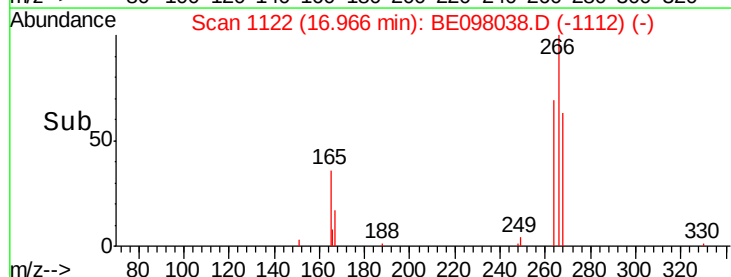
268 80.3 50.1 75.1#

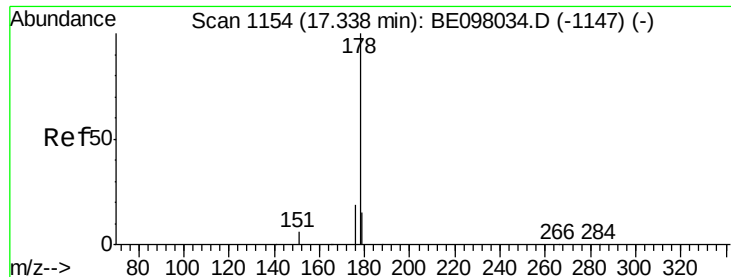


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.390 ng

RT: 17.34 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE098038.D

Acq: 24 Oct 2018 14:45

Instrument :

BNA_E

ClientSampleId :

ICVBE102418

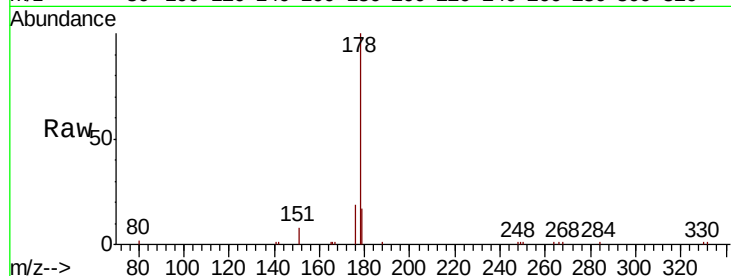
Tot Ion:178 Resp: 8850

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

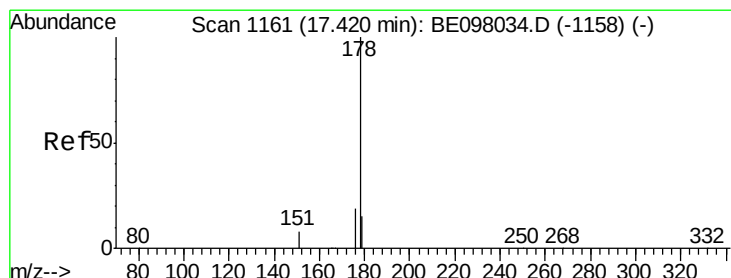
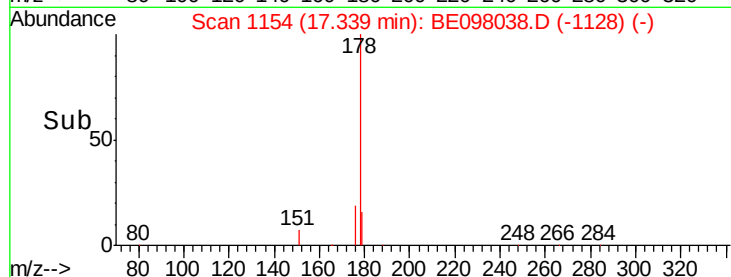
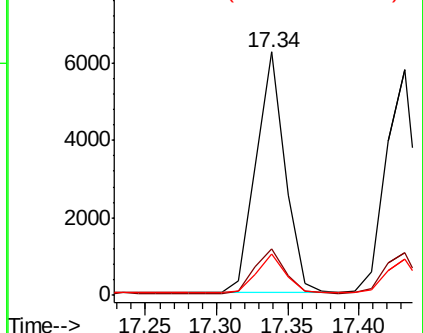
179 16.0 12.2 18.4



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: 0.385 ng

RT: 17.43 min Scan# 1162

Delta R.T. 0.01 min

Lab File: BE098038.D

Acq: 24 Oct 2018 14:45

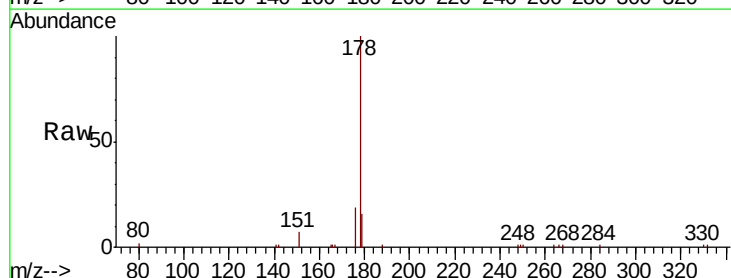
Tgt Ion:178 Resp: 8579

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

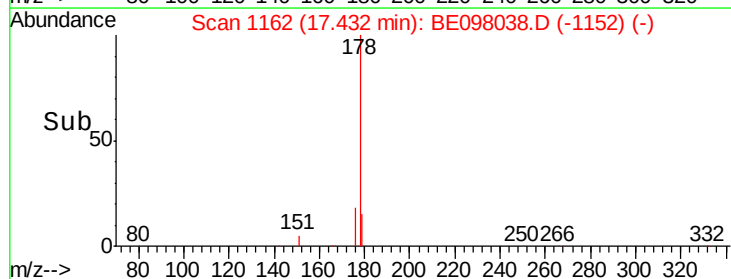
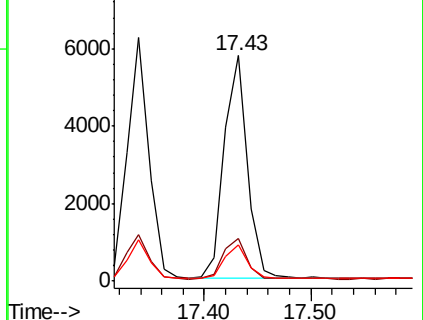
179 14.8 11.9 17.9

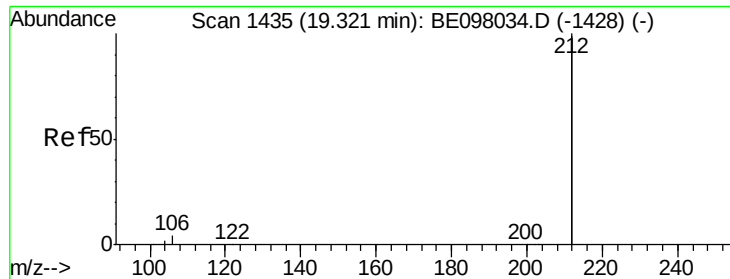


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

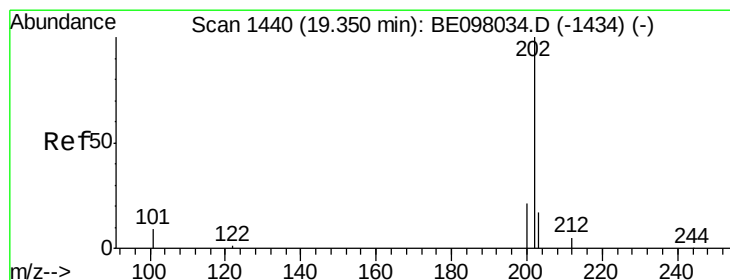
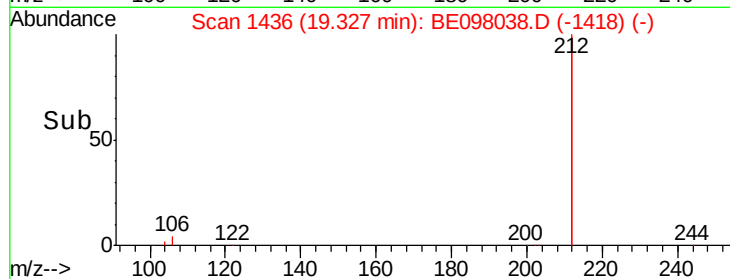
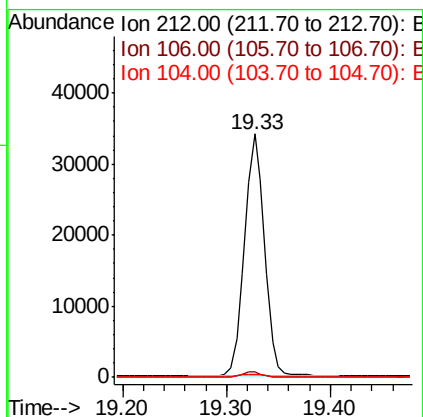
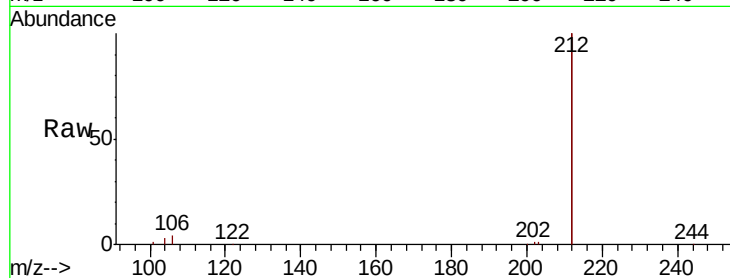




#25
 Fluoranthene-d10
 Concen: 0.383 ng
 RT: 19.33 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: BE098038.D
 Acq: 24 Oct 2018 14:45

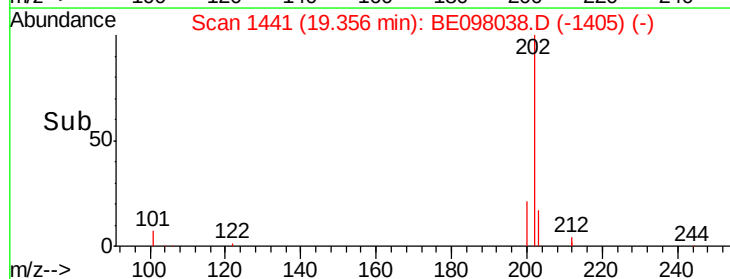
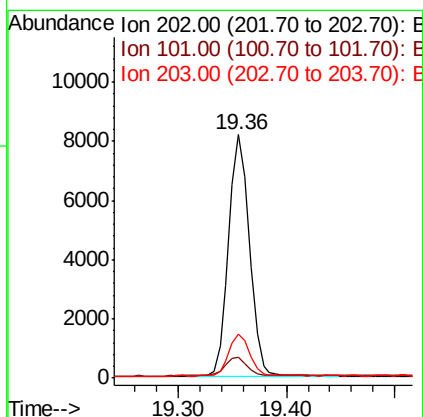
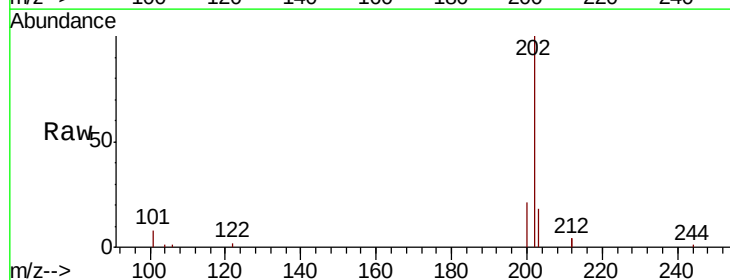
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE102418

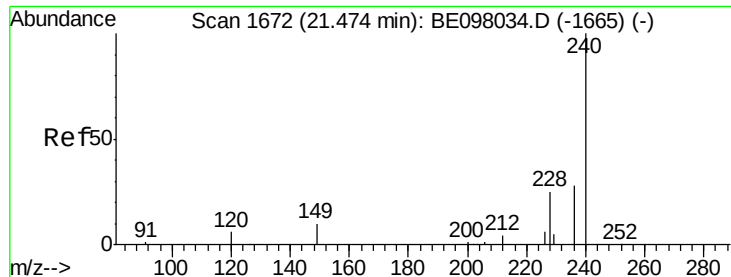
Tot Ion:212 Resp: 45436
 Ion Ratio Lower Upper
 212 100
 106 2.0 2.3 3.5#
 104 1.3 1.3 1.9#



#26
 Fluoranthene
 Concen: 0.383 ng
 RT: 19.36 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BE098038.D
 Acq: 24 Oct 2018 14:45

Tgt Ion:202 Resp: 10839
 Ion Ratio Lower Upper
 202 100
 101 8.2 8.2 12.2
 203 17.3 15.0 22.4

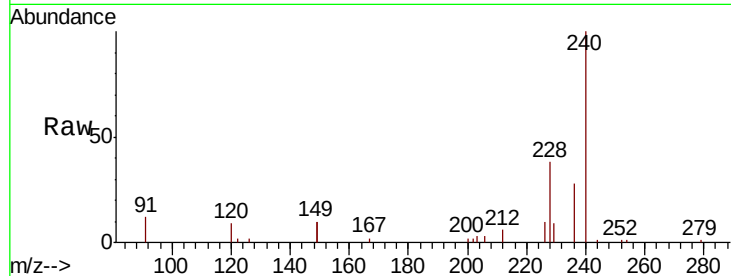




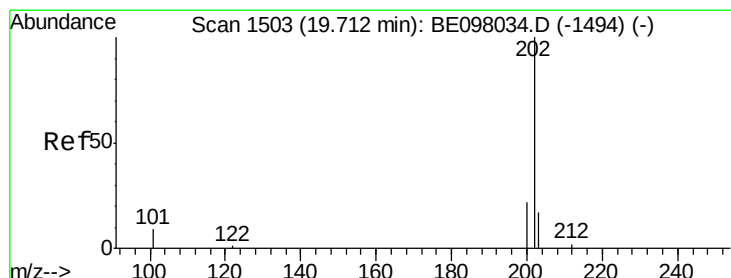
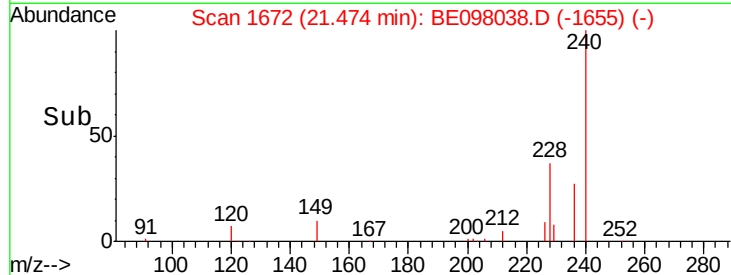
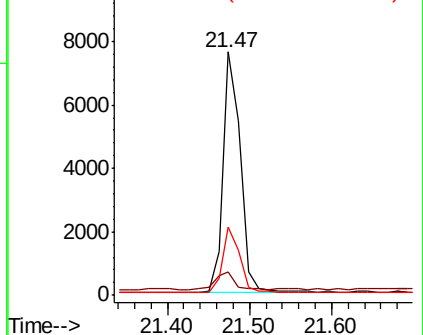
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.47 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: BE098038.D
 Acq: 24 Oct 2018 14:45

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE102418

Tot Ion:240 Resp: 11064
 Ion Ratio Lower Upper
 240 100
 120 9.4 7.1 10.7
 236 27.8 21.3 31.9

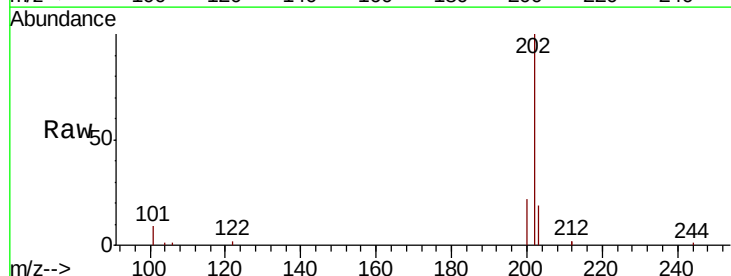


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

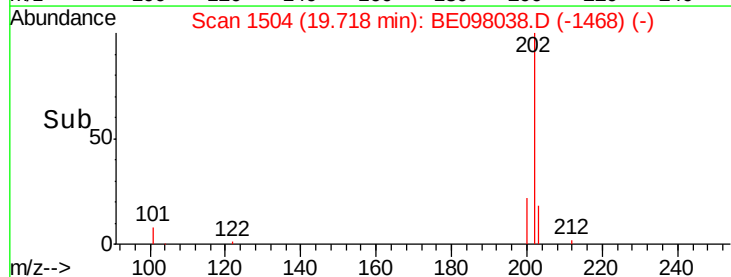
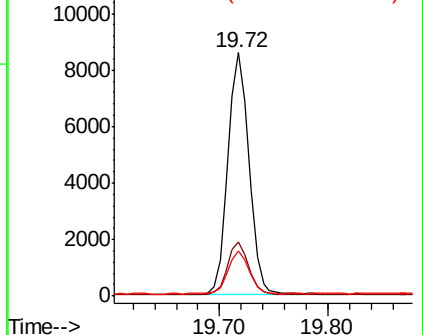


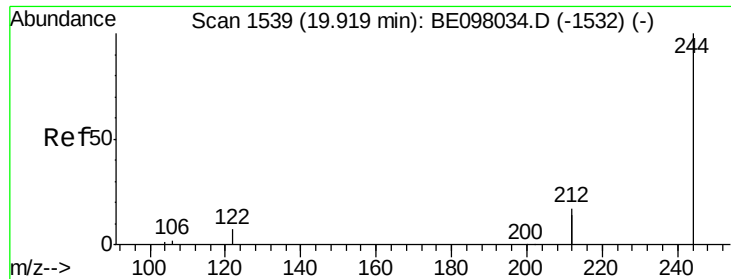
#28
 Pyrene
 Concen: 0.377 ng
 RT: 19.72 min Scan# 1504
 Delta R.T. 0.01 min
 Lab File: BE098038.D
 Acq: 24 Oct 2018 14:45

Tgt Ion:202 Resp: 11510
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.0 25.4
 203 17.6 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: 0.370 ng

RT: 19.92 min Scan# 1540

Delta R.T. 0.01 min

Lab File: BE098038.D

Acq: 24 Oct 2018 14:45

Instrument :

BNA_E

ClientSampleId :

ICVBE102418

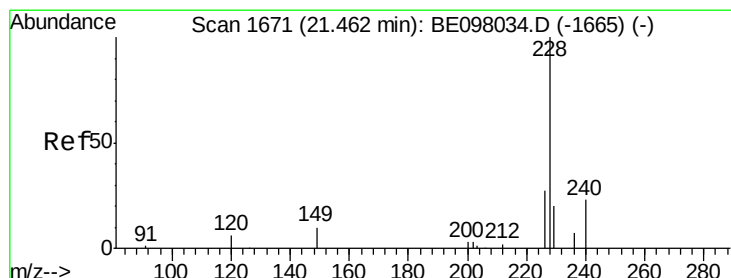
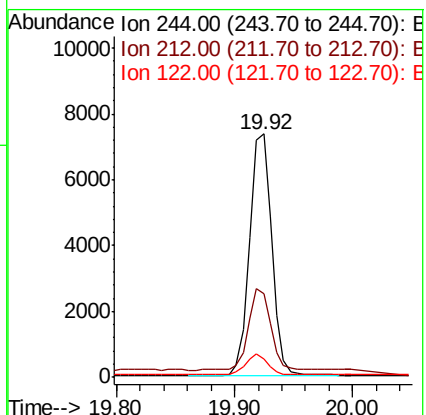
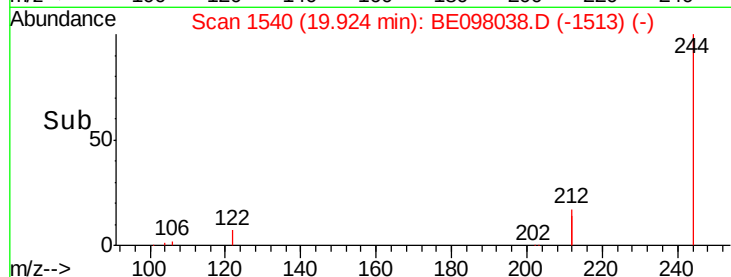
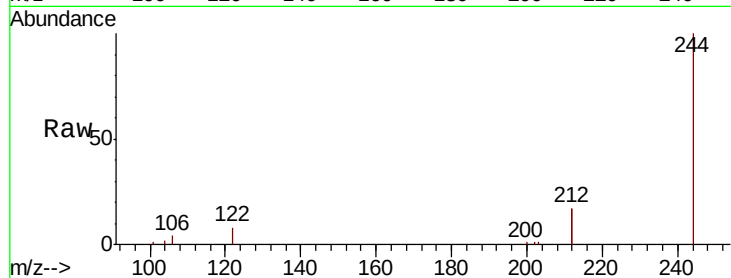
Tot Ion:244 Resp: 9658

Ion Ratio Lower Upper

244 100

212 34.2 26.2 39.2

122 7.7 7.7 11.5



#30

Benzo(a)anthracene

Concen: 0.381 ng

RT: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE098038.D

Acq: 24 Oct 2018 14:45

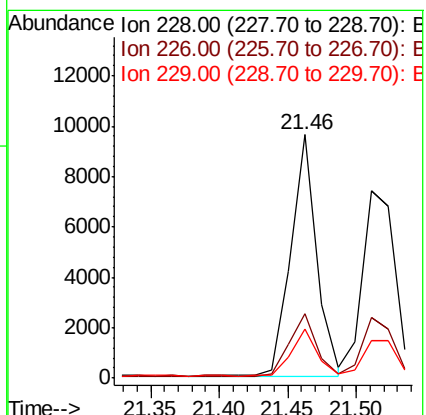
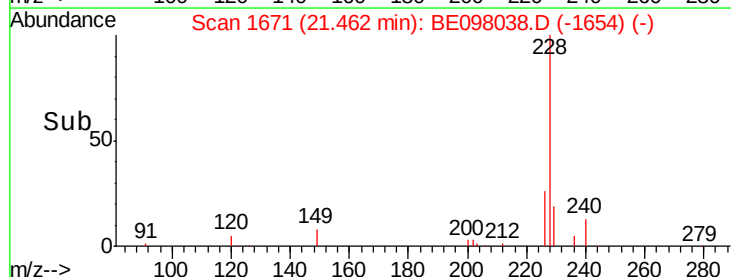
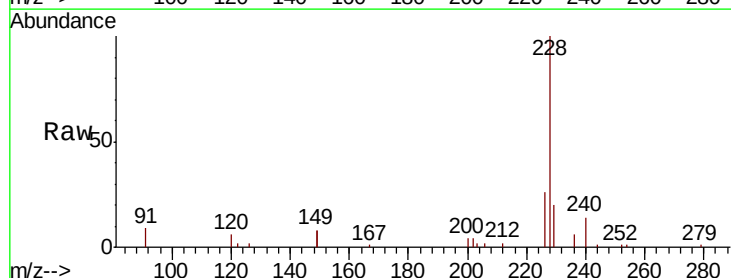
Tgt Ion:228 Resp: 12464

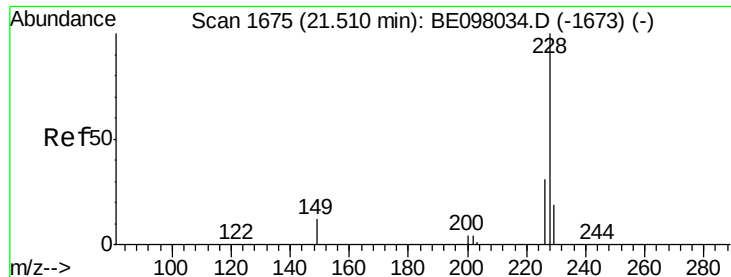
Ion Ratio Lower Upper

228 100

226 26.3 22.6 33.8

229 20.2 16.9 25.3





#31

Chrysene

Concen: 0.380 ng

RT: 21.51 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BE098038.D

Acq: 24 Oct 2018 14:45

Instrument :

BNA_E

ClientSampleId :

ICVBE102418

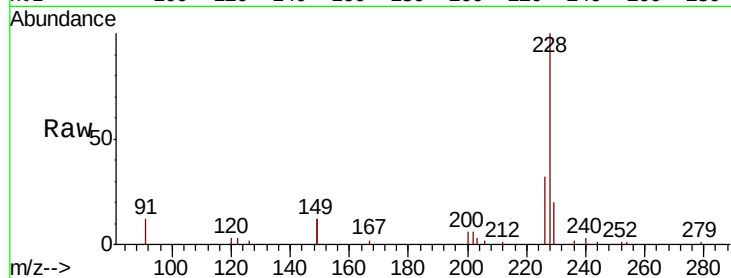
Tot Ion:228 Resp: 12059

Ion Ratio Lower Upper

228 100

226 32.3 24.3 36.5

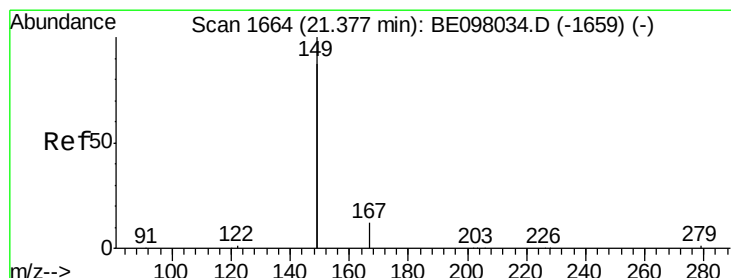
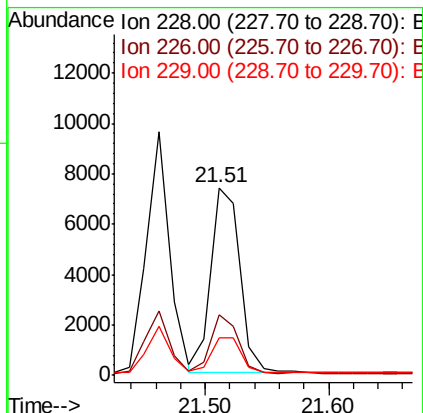
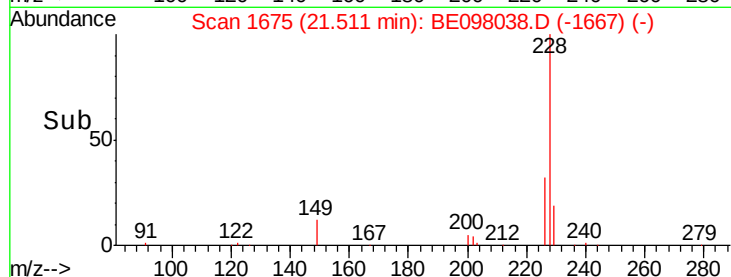
229 20.0 17.3 25.9



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: 0.378 ng

RT: 21.39 min Scan# 1665

Delta R.T. 0.01 min

Lab File: BE098038.D

Acq: 24 Oct 2018 14:45

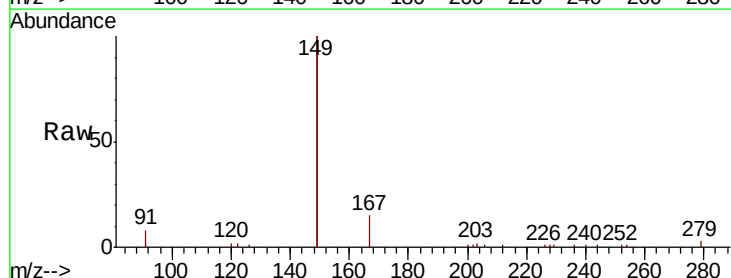
Tgt Ion:149 Resp: 29355

Ion Ratio Lower Upper

149 100

167 6.9 5.6 8.4

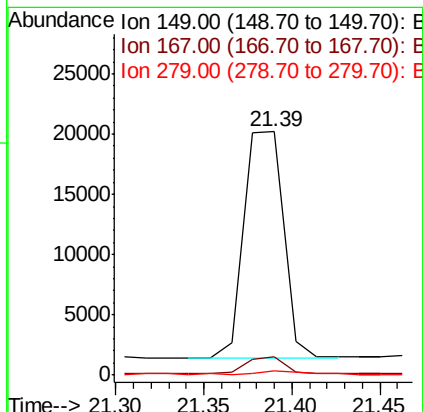
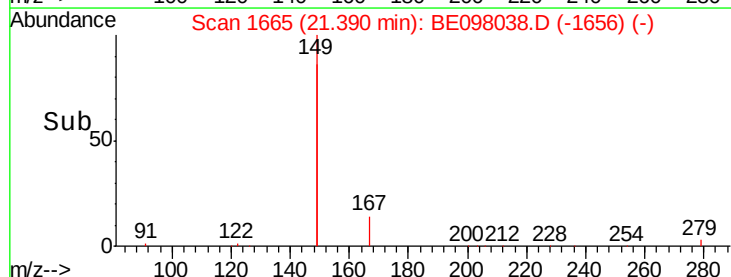
279 1.2 0.9 1.3

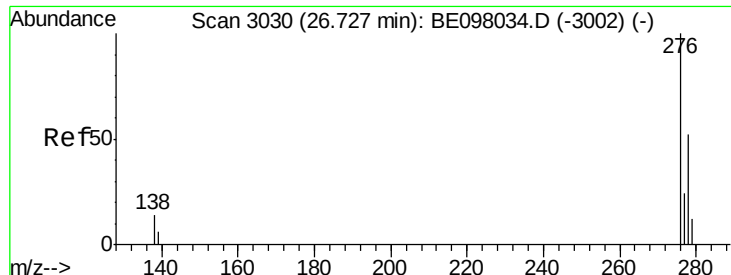


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

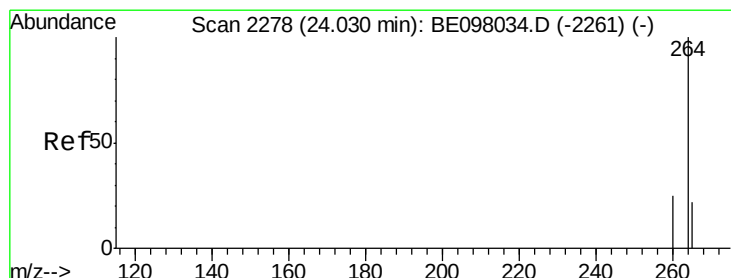
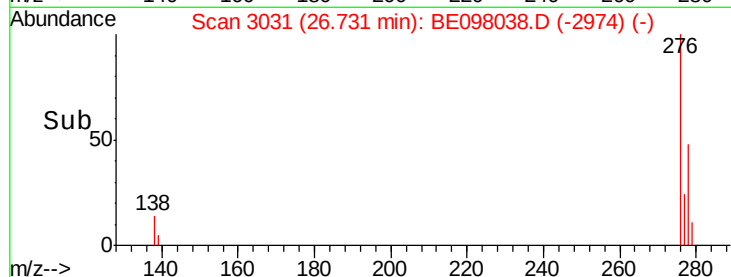
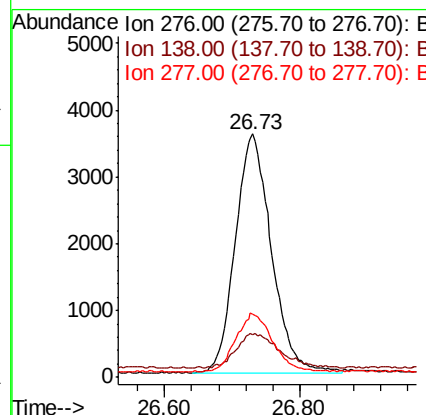
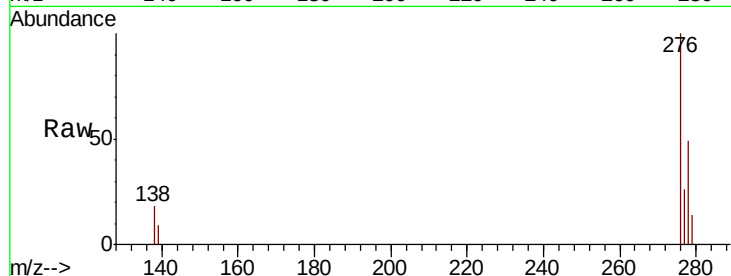




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.380 ng
 RT: 26.73 min Scan# 3031
 Delta R.T. 0.00 min
 Lab File: BE098038.D
 Acq: 24 Oct 2018 14:45

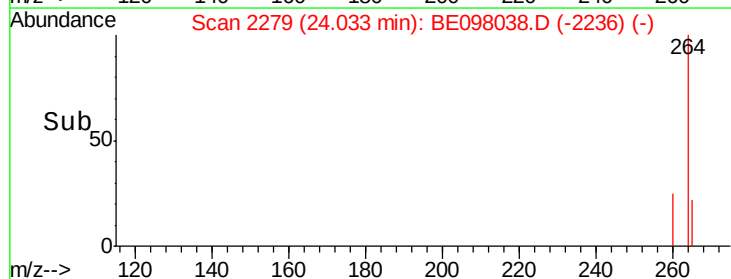
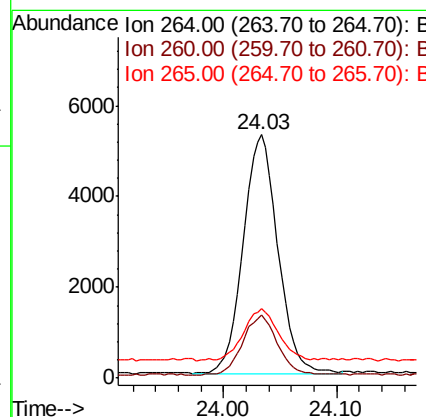
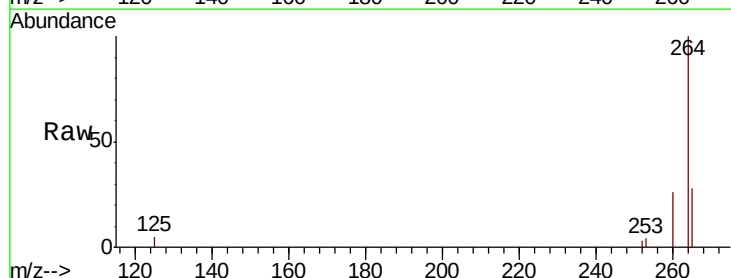
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE102418

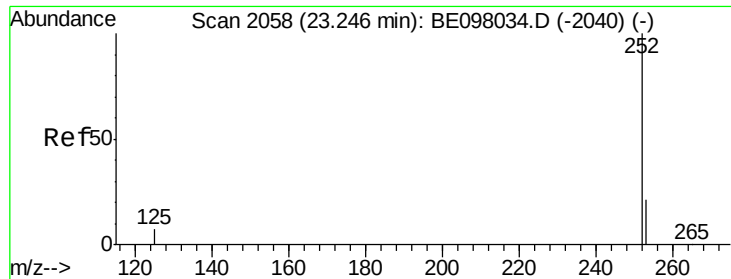
Tot Ion:276 Resp: 13173
 Ion Ratio Lower Upper
 276 100
 138 16.7 17.0 25.6#
 277 24.8 20.5 30.7



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.03 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BE098038.D
 Acq: 24 Oct 2018 14:45

Tgt Ion:264 Resp: 11181
 Ion Ratio Lower Upper
 264 100
 260 25.8 21.1 31.7
 265 28.5 29.2 43.8#





#35

Benzo(b)fluoranthene

Concen: 0.376 ng

RT: 23.25 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BE098038.D

Acq: 24 Oct 2018 14:45

Instrument :

BNA_E

ClientSampleId :

ICVBE102418

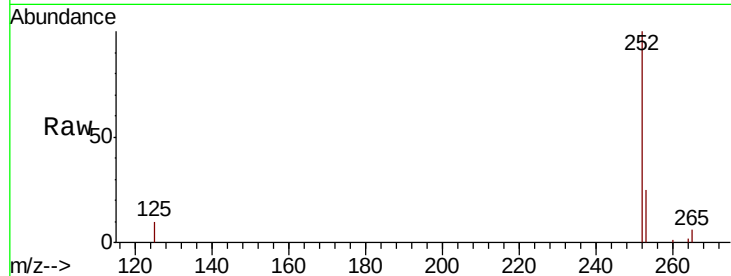
Tot Ion:252 Resp: 11678

Ion Ratio Lower Upper

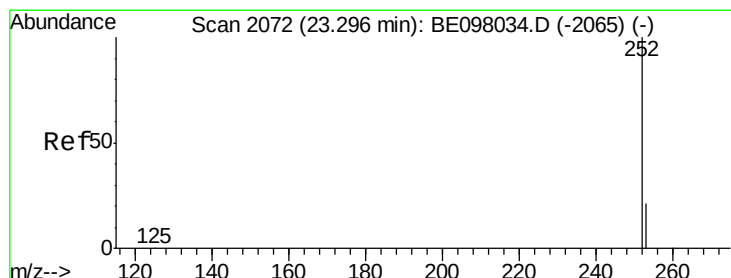
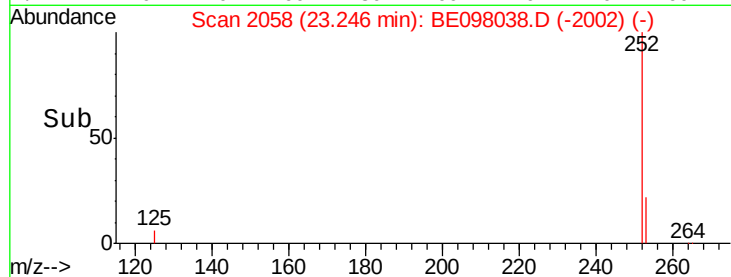
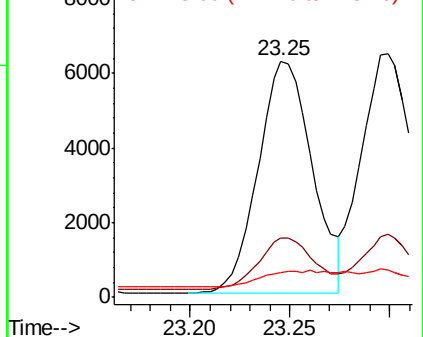
252 100

253 25.1 20.6 31.0

125 10.4 14.3 21.5#



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



#36

Benzo(k)fluoranthene

Concen: 0.367 ng

RT: 23.30 min Scan# 2073

Delta R.T. 0.00 min

Lab File: BE098038.D

Acq: 24 Oct 2018 14:45

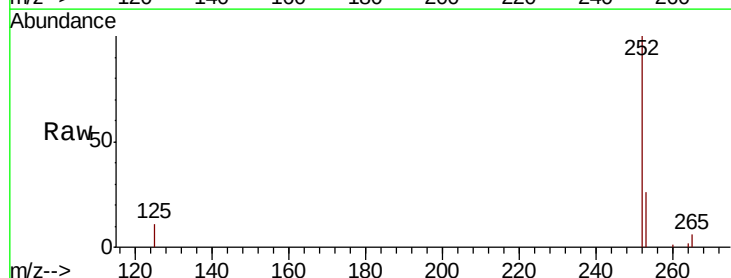
Tgt Ion:252 Resp: 11843

Ion Ratio Lower Upper

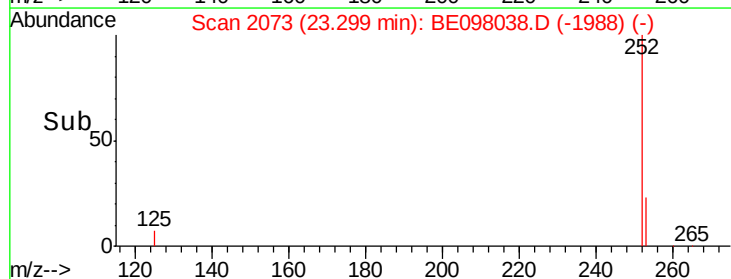
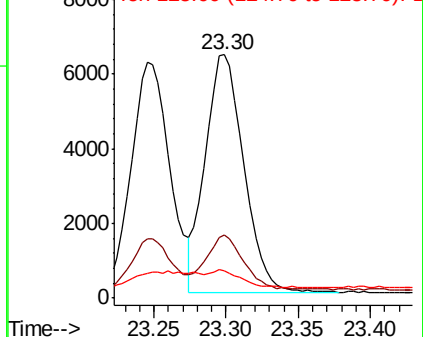
252 100

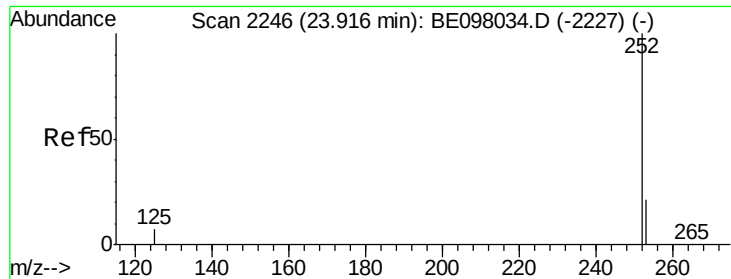
253 25.8 20.4 30.6

125 11.1 14.6 21.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

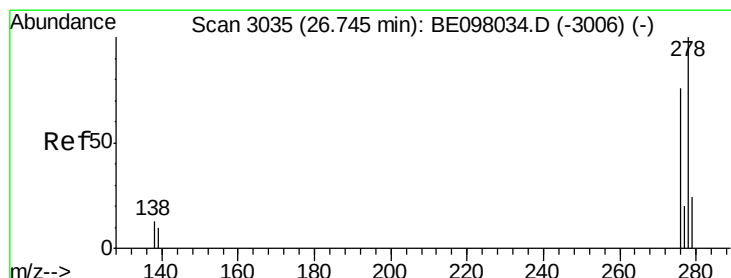
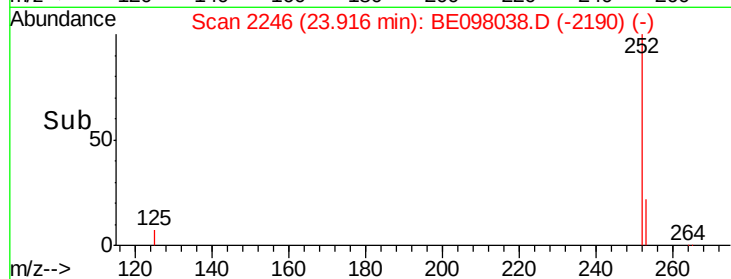
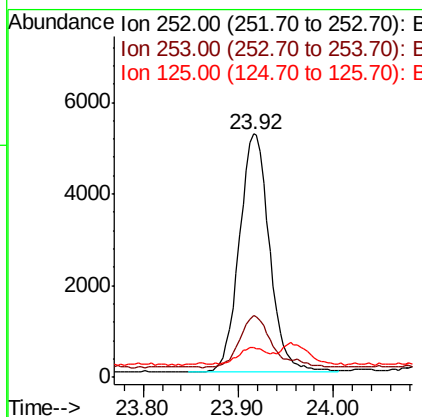
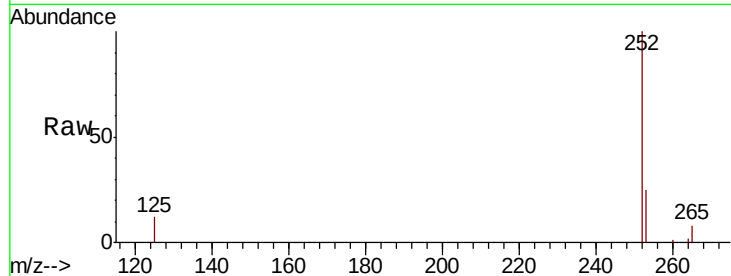




#37
Benzo(a)pyrene
Concen: 0.376 ng
RT: 23.92 min Scan# 2246
Delta R.T. -0.00 min
Lab File: BE098038.D
Acq: 24 Oct 2018 14:45

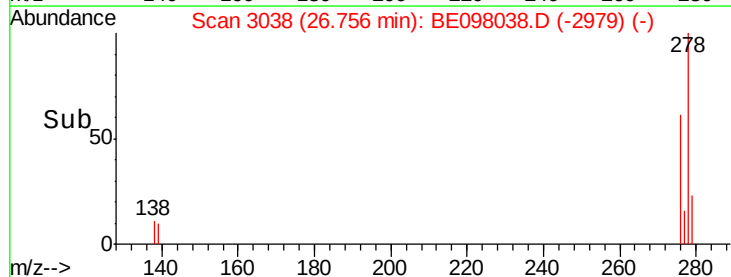
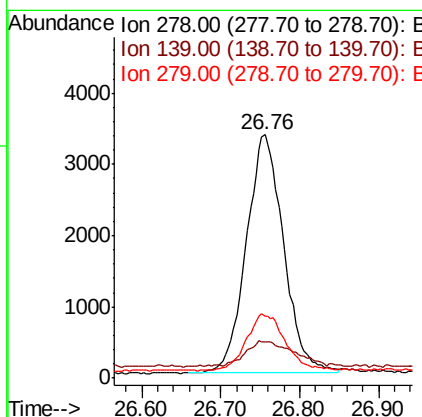
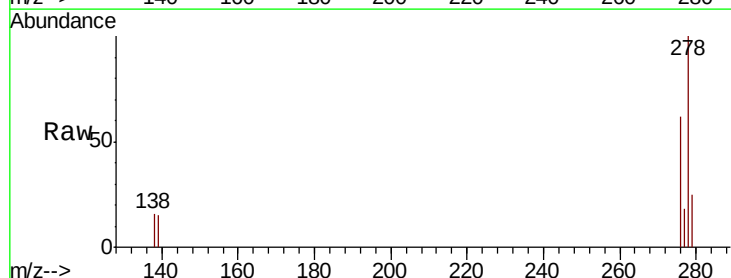
Instrument :
BNA_E
ClientSampleId :
ICVBE102418

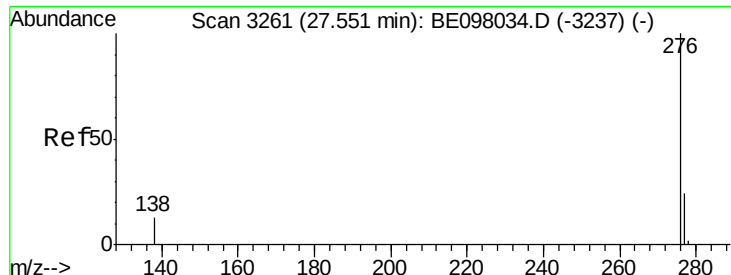
Tot Ion:252 Resp: 11483
Ion Ratio Lower Upper
252 100
253 25.2 20.6 31.0
125 12.5 15.6 23.4#



#38
Dibenzo(a,h)anthracene
Concen: 0.370 ng
RT: 26.76 min Scan# 3038
Delta R.T. 0.01 min
Lab File: BE098038.D
Acq: 24 Oct 2018 14:45

Tgt Ion:278 Resp: 10999
Ion Ratio Lower Upper
278 100
139 15.0 16.3 24.5#
279 25.3 21.4 32.2





#39

Benzo(a,h,i)perylene

Concen: 0.376 ng

RT: 27.55 min Scan# 3262

Delta R.T. 0.00 min

Lab File: BE098038.D

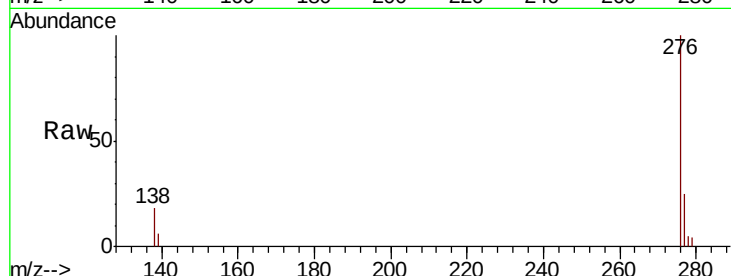
Acq: 24 Oct 2018 14:45

Instrument :

BNA_E

ClientSampleId :

ICVBE102418



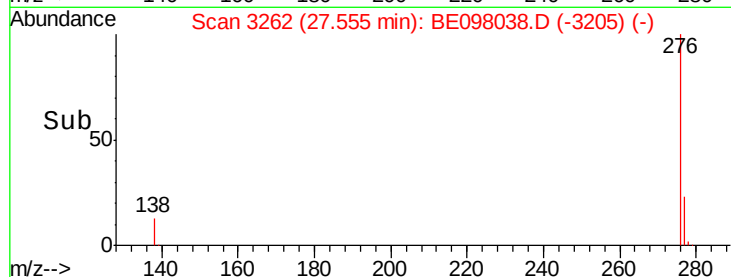
Tot Ion:276 Resp: 11078

Ion Ratio Lower Upper

276 100

277 25.4 22.1 33.1

138 17.8 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

