

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110118\
 Data File : BE098145.D
 Acq On : 1 Nov 2018 14:18
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 02 02:38:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE110118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 13:00:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	911	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4696	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	3193	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7508	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8475	0.40	ng	0.00
34) Perylene-d12	24.01	264	8226	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1187	0.44	ng	0.00
5) Phenol-d6	7.05	99	1914	0.43	ng	0.00
8) Nitrobenzene-d5	9.03	82	1991	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	3423	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	546	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	5336	0.41	ng	0.00
25) Fluoranthene-d10	19.31	212	38814	0.40	ng	0.00
29) Terphenyl-d14	19.91	244	8185	0.42	ng	0.00

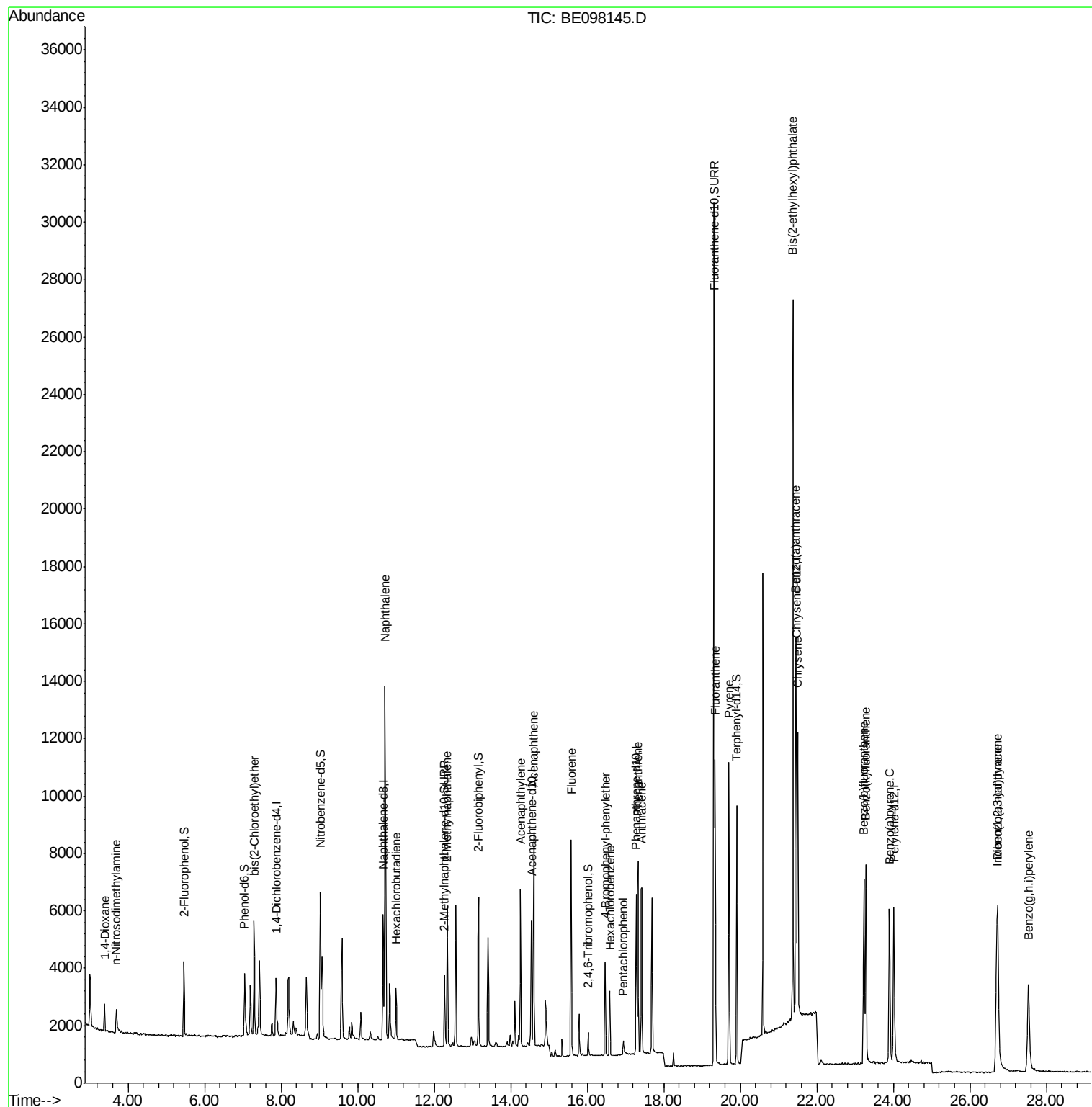
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	587	0.432	ng	98
3) n-Nitrosodimethylamine	3.69	42	763	0.420	ng	# 79
6) bis(2-Chloroethyl)ether	7.29	93	1323	0.406	ng	86
9) Naphthalene	10.72	128	19371	0.413	ng	99
10) Hexachlorobutadiene	11.00	225	1294	0.420	ng	95
12) 2-Methylnaphthalene	12.34	142	3483	0.416	ng	# 91
16) Acenaphthylene	14.25	152	5935	0.408	ng	99
17) Acenaphthene	14.60	154	3616	0.413	ng	98
18) Fluorene	15.58	166	4629	0.399	ng	95
20) 4-Bromophenyl-phenylether	16.48	248	1891	0.413	ng	# 82
21) Hexachlorobenzene	16.59	284	1990	0.416	ng	98
22) Pentachlorophenol	16.94	266	348	0.380	ng	93
23) Phenanthrene	17.33	178	7579	0.407	ng	99
24) Anthracene	17.42	178	7232	0.409	ng	100
26) Fluoranthene	19.34	202	9326	0.400	ng	96
28) Pyrene	19.70	202	9725	0.420	ng	100
30) Benzo(a)anthracene	21.45	228	10279	0.415	ng	97
31) Chrysene	21.50	228	10171	0.415	ng	98
32) Bis(2-ethylhexyl)phthalate	21.38	149	34625	0.483	ng	99
33) Indeno(1,2,3-cd)pyrene	26.71	276	10483	0.411	ng	# 84
35) Benzo(b)fluoranthene	23.23	252	9468	0.409	ng	# 91
36) Benzo(k)fluoranthene	23.28	252	10079	0.420	ng	# 89
37) Benzo(a)pyrene	23.90	252	9332	0.412	ng	# 89
38) Dibenzo(a,h)anthracene	26.73	278	8725	0.413	ng	# 93
39) Benzo(g,h,i)perylene	27.53	276	8744	0.416	ng	# 88

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

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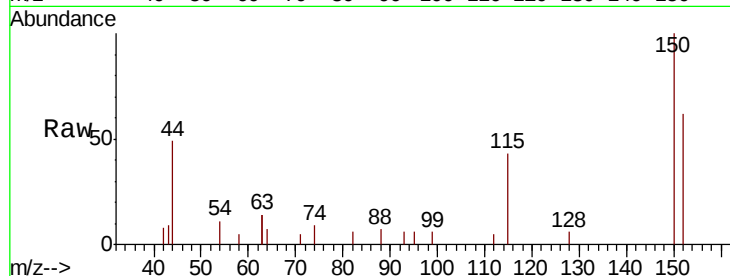


#1

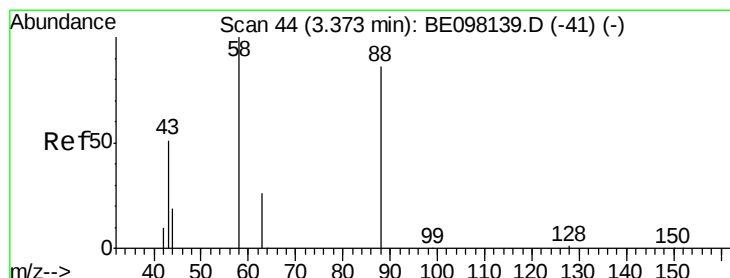
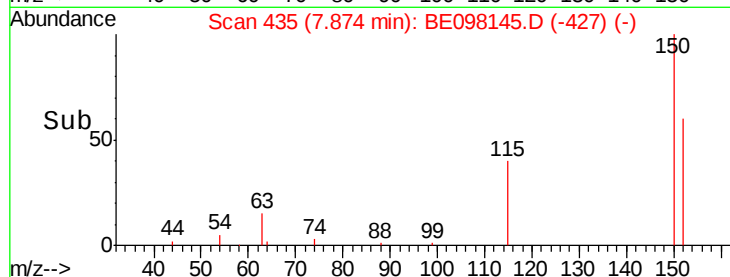
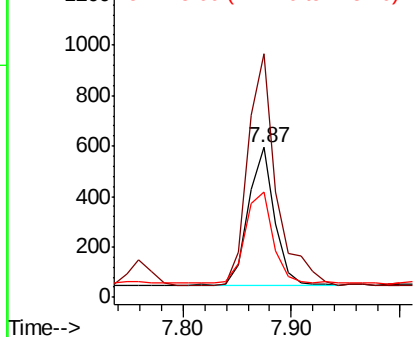
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 911
Ion Ratio Lower Upper
152 100
150 162.4 118.2 177.4
115 70.6 50.9 76.3



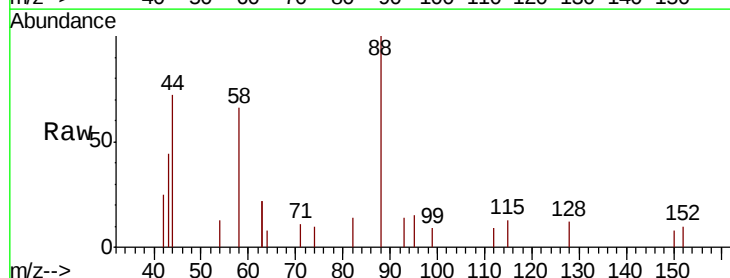
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



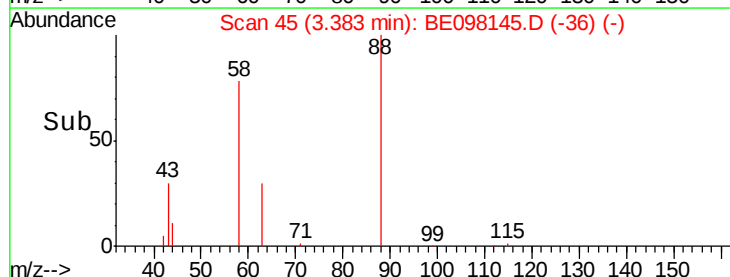
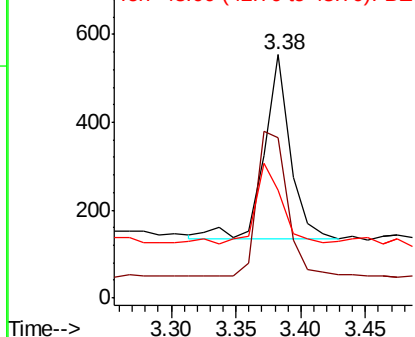
#2

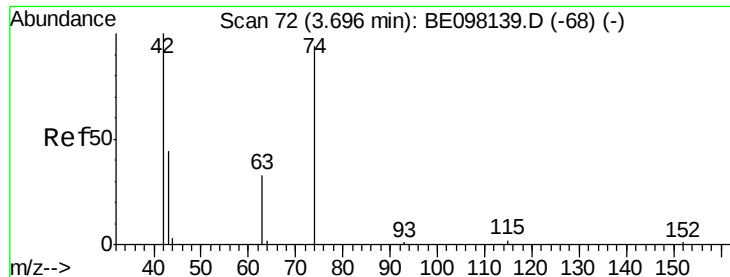
1,4-Dioxane
Concen: 0.432 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Tgt Ion: 88 Resp: 587
Ion Ratio Lower Upper
88 100
58 92.2 73.2 109.8
43 43.3 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



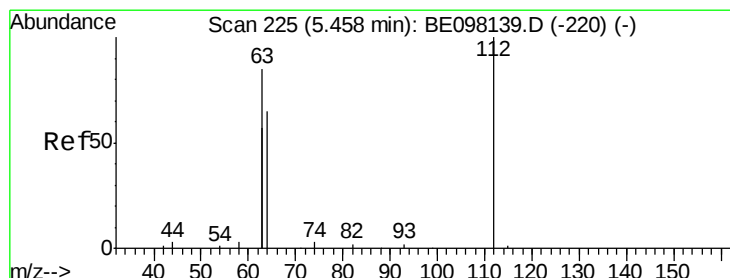
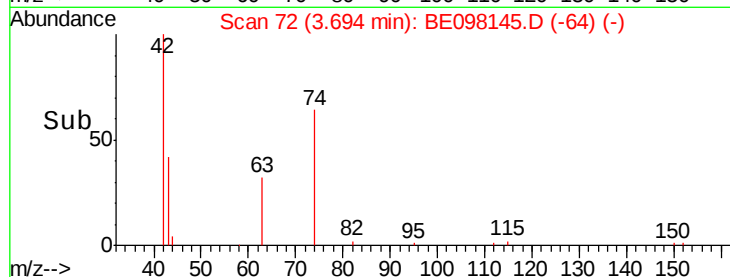
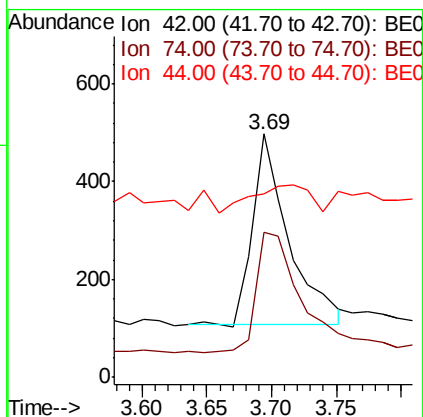
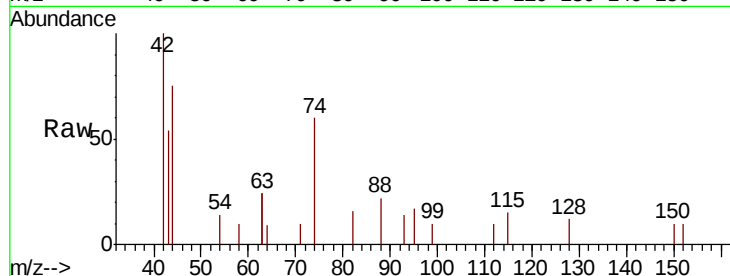


#3

n-Nitrosodimethylamine
 Concen: 0.420 ng
 RT: 3.69 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: BE098145.D
 Acq: 1 Nov 2018 14:18

Instrument :
 BNA_E
 ClientSampleId :

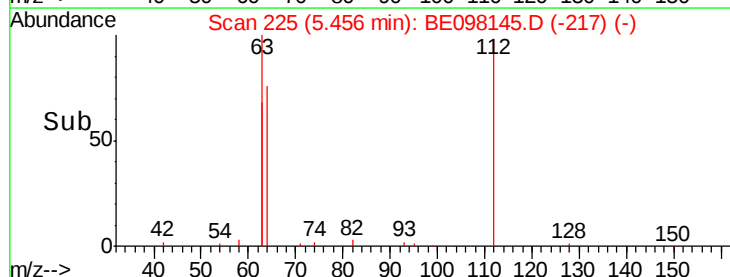
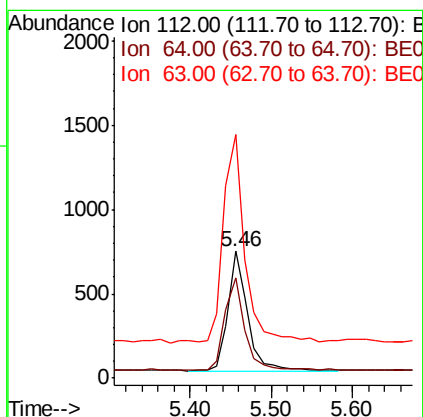
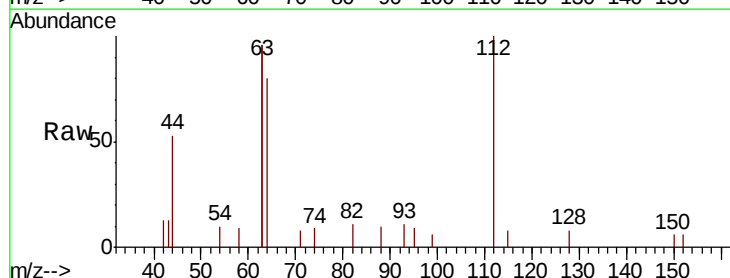
Tot Ion: 42 Resp: 763
 Ion Ratio Lower Upper
 42 100
 74 76.5 77.6 116.4#
 44 0.0 7.6 11.4#

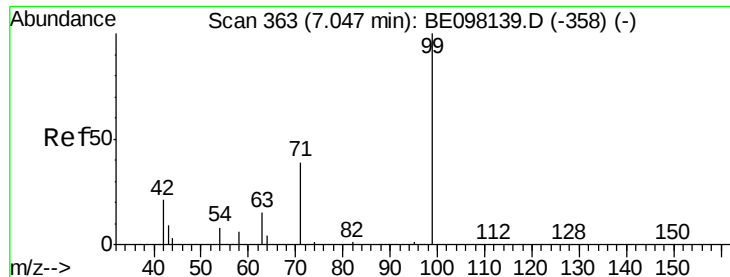


#4

2-Fluorophenol
 Concen: 0.439 ng
 RT: 5.46 min Scan# 225
 Delta R.T. -0.00 min
 Lab File: BE098145.D
 Acq: 1 Nov 2018 14:18

Tgt Ion: 112 Resp: 1187
 Ion Ratio Lower Upper
 112 100
 64 81.1 58.9 88.3
 63 192.2 120.3 180.5#





#5

Phenol-d6

Concen: 0.430 ng

RT: 7.05 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098145.D

Acq: 1 Nov 2018 14:18

Instrument :

BNA_E

ClientSampled :

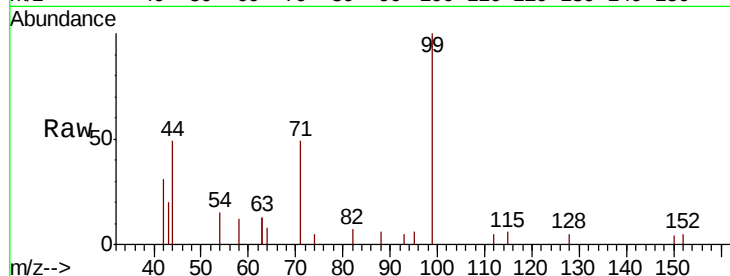
Tot Ion: 99 Resp: 1914

Ion Ratio Lower Upper

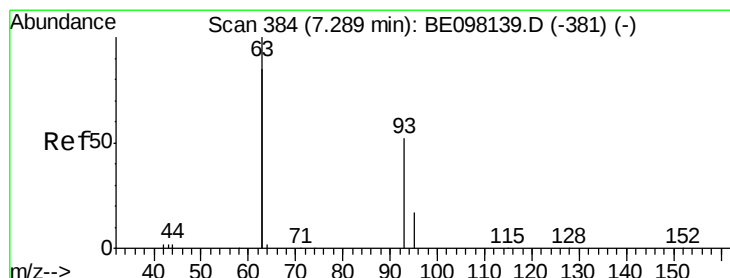
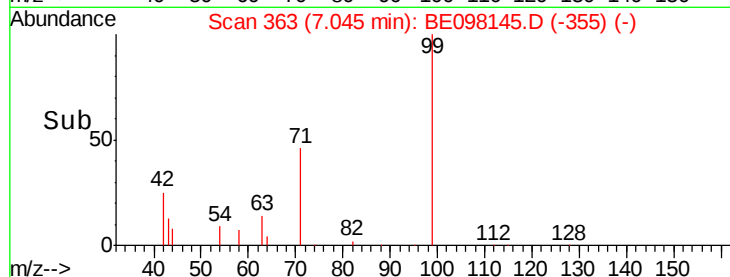
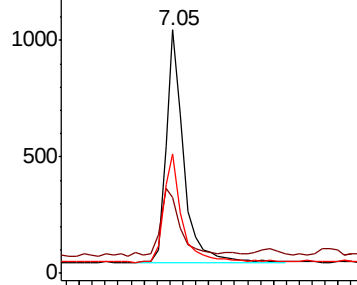
99 100

42 32.3 19.9 29.9#

71 48.8 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: 0.406 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098145.D

Acq: 1 Nov 2018 14:18

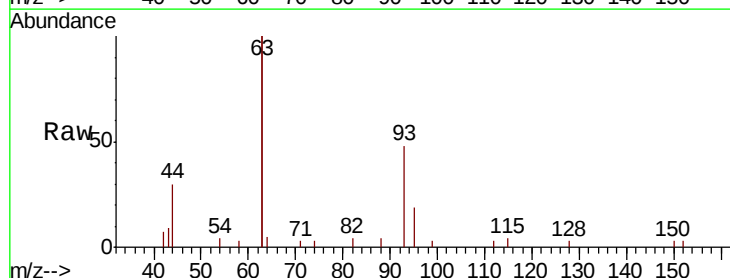
Tgt Ion: 93 Resp: 1323

Ion Ratio Lower Upper

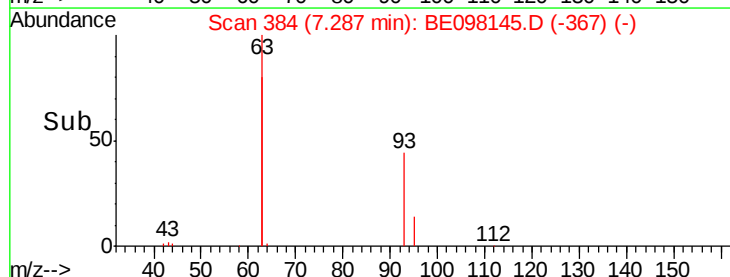
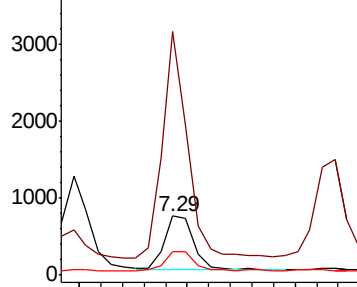
93 100

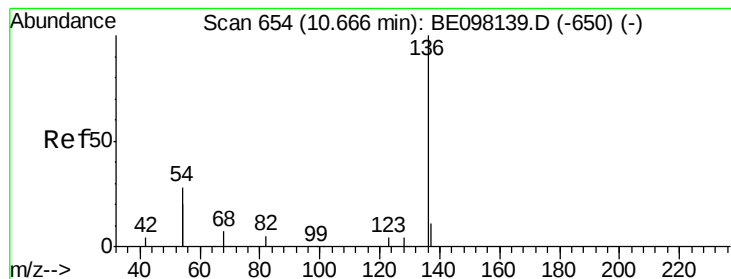
63 354.8 259.0 388.4

95 33.0 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: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098145.D

Acq: 1 Nov 2018 14:18

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4696

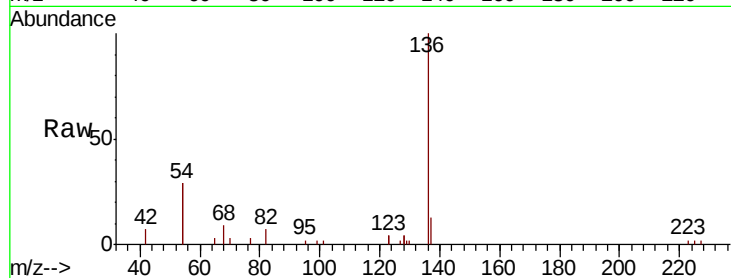
Ion Ratio Lower Upper

136 100

137 12.9 9.6 14.4

54 58.9 27.7 41.5#

68 9.4 5.3 7.9#

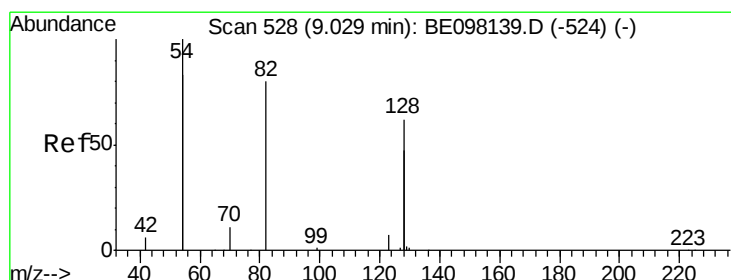
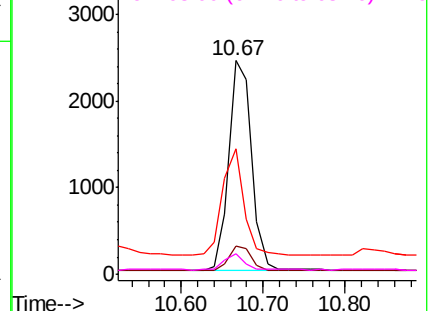
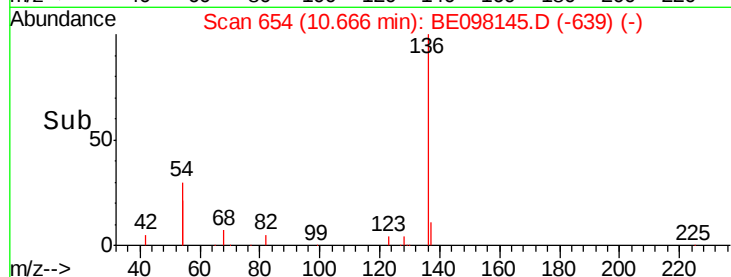


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.395 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.00 min

Lab File: BE098145.D

Acq: 1 Nov 2018 14:18

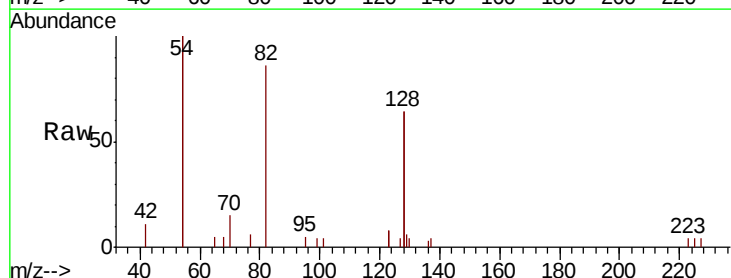
Tgt Ion: 82 Resp: 1991

Ion Ratio Lower Upper

82 100

128 149.5 129.9 194.9

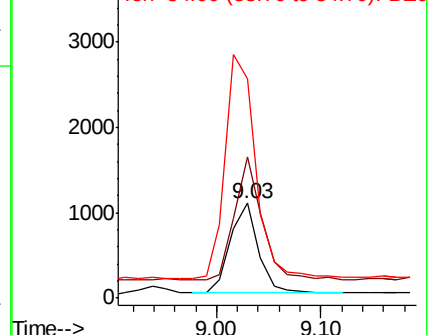
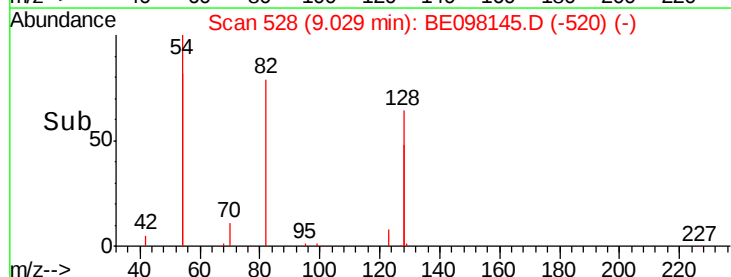
54 231.9 174.0 261.0

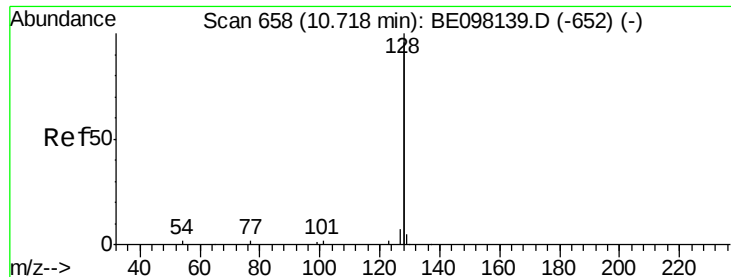


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.413 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098145.D

Acq: 1 Nov 2018 14:18

Instrument :

BNA_E

ClientSampleId :

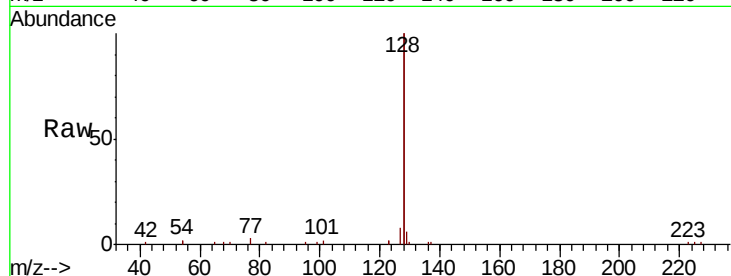
Tot Ion:128 Resp: 19371

Ion Ratio Lower Upper

128 100

129 3.1 2.5 3.7

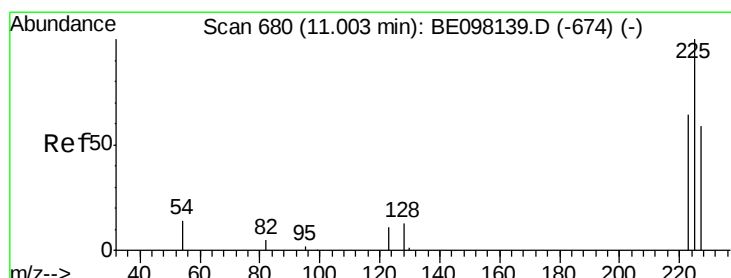
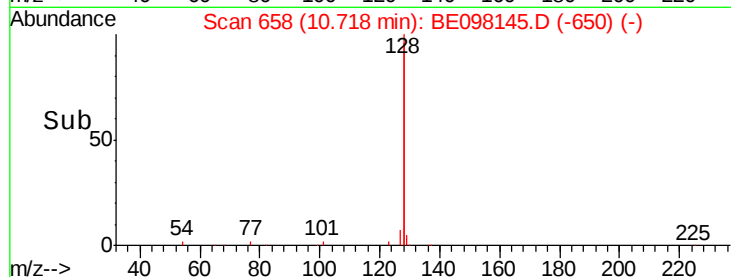
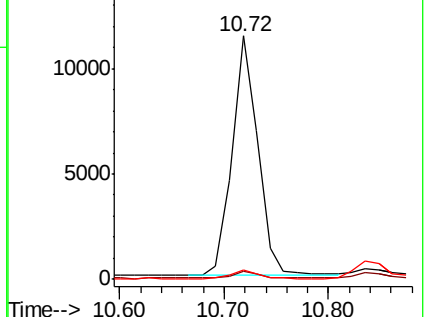
127 3.8 2.8 4.2



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: 0.420 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE098145.D

Acq: 1 Nov 2018 14:18

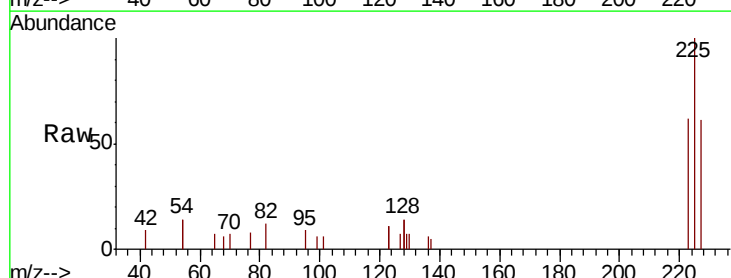
Tgt Ion:225 Resp: 1294

Ion Ratio Lower Upper

225 100

223 60.3 51.8 77.8

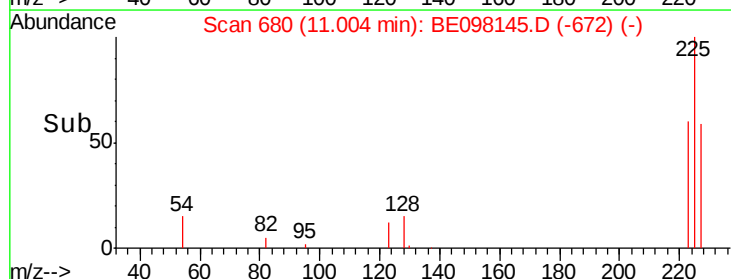
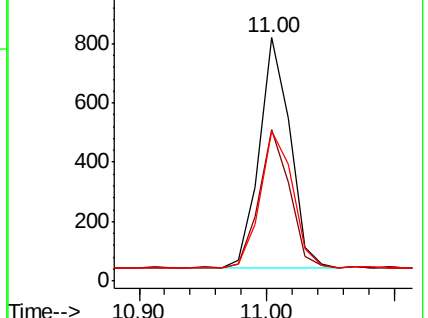
227 63.2 53.0 79.6

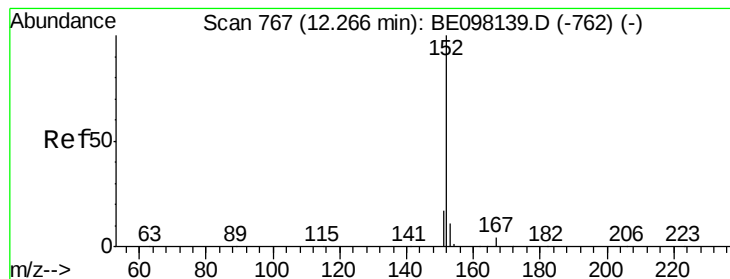


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.413 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098145.D

Acq: 1 Nov 2018 14:18

Instrument :

BNA_E

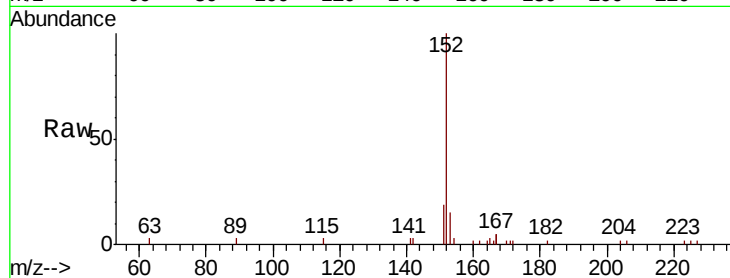
ClientSampleId :

Tot Ion:152 Resp: 3423

Ion Ratio Lower Upper

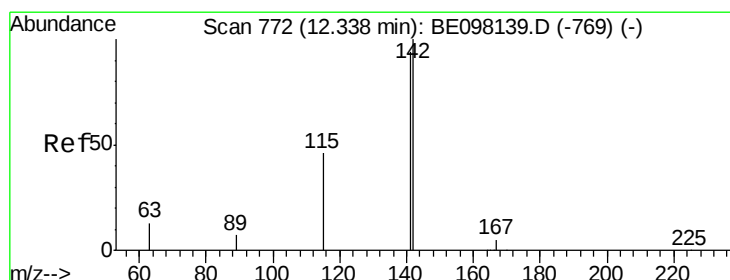
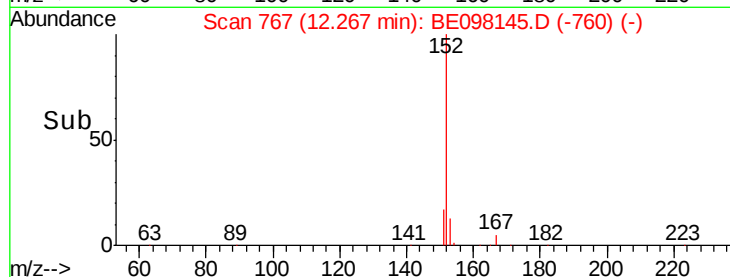
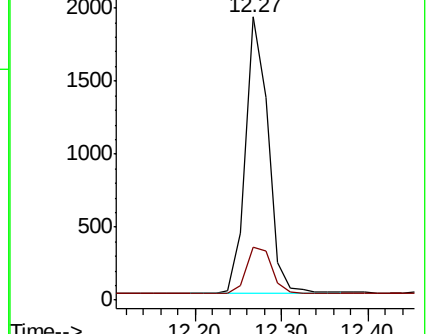
152 100

151 19.1 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.416 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098145.D

Acq: 1 Nov 2018 14:18

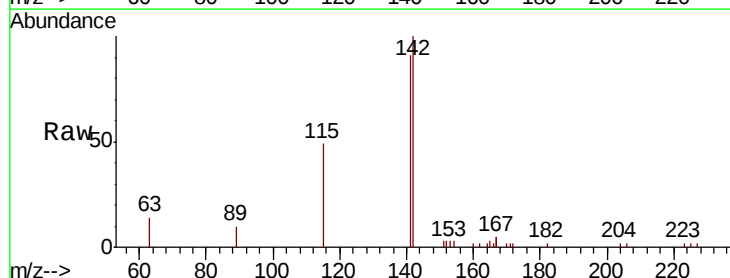
Tgt Ion:142 Resp: 3483

Ion Ratio Lower Upper

142 100

141 91.4 69.8 104.6

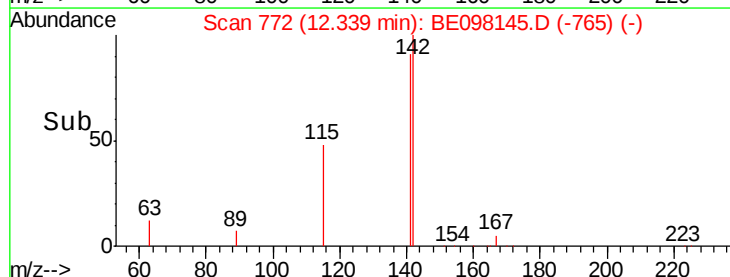
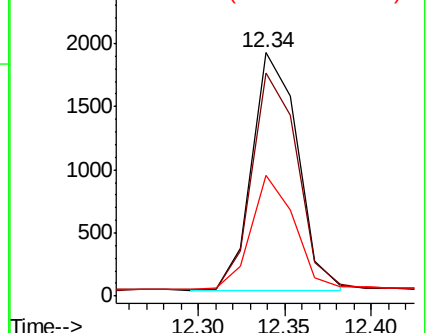
115 49.3 30.5 45.7#

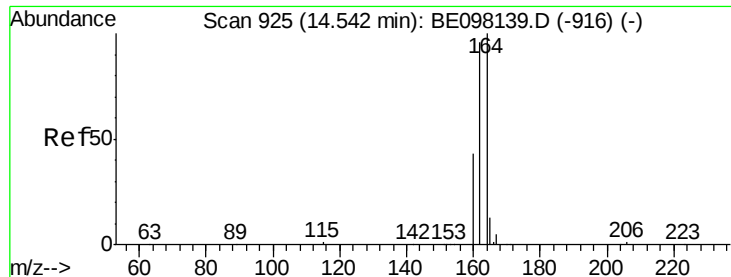


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

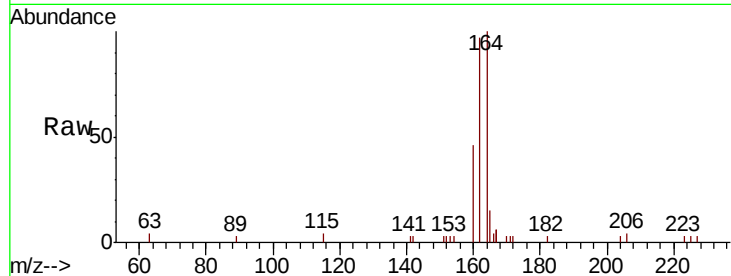




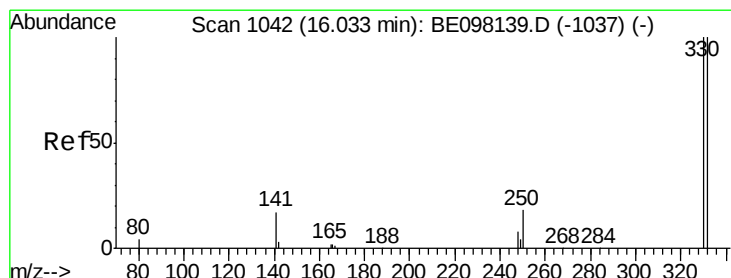
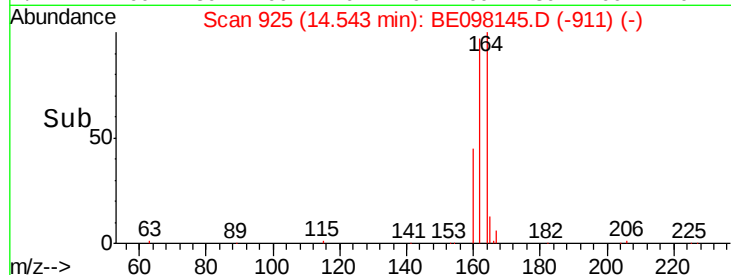
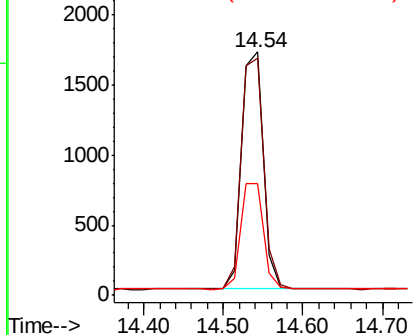
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BE098145.D
 Acq: 1 Nov 2018 14:18

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 3193
 Ion Ratio Lower Upper
 164 100
 162 97.3 77.4 116.2
 160 46.2 36.5 54.7

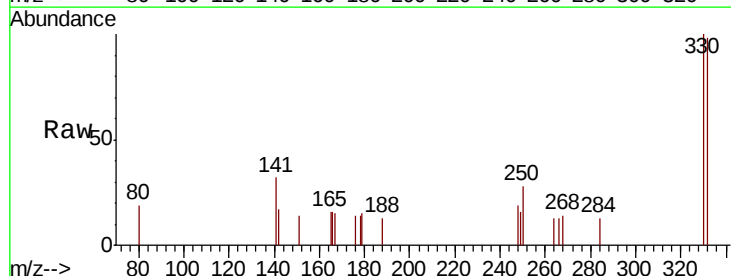


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

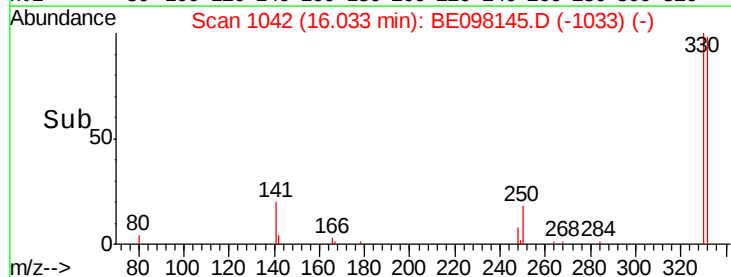
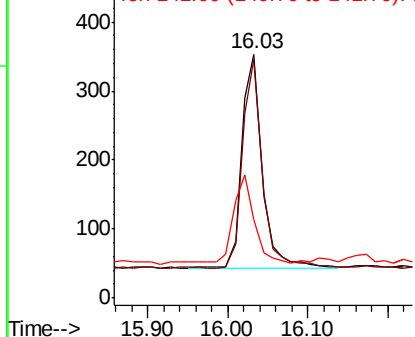


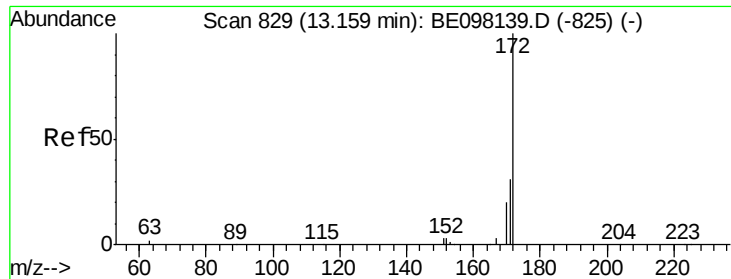
#14
 2,4,6-Tribromophenol
 Concen: 0.361 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BE098145.D
 Acq: 1 Nov 2018 14:18

Tgt Ion:330 Resp: 546
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.5 114.7
 141 40.8 31.8 47.6



Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

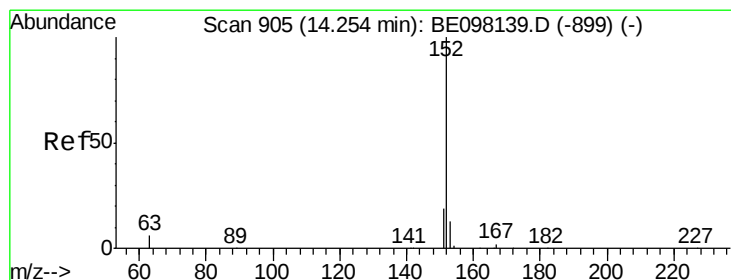
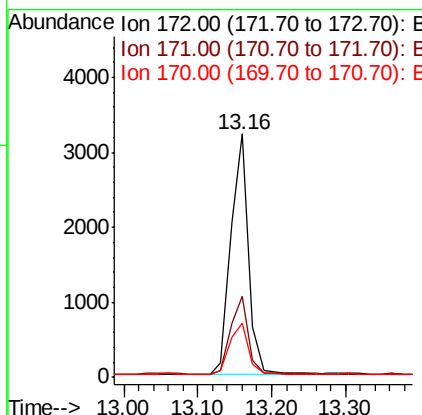
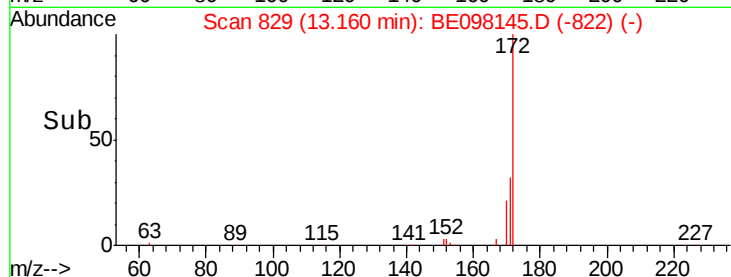
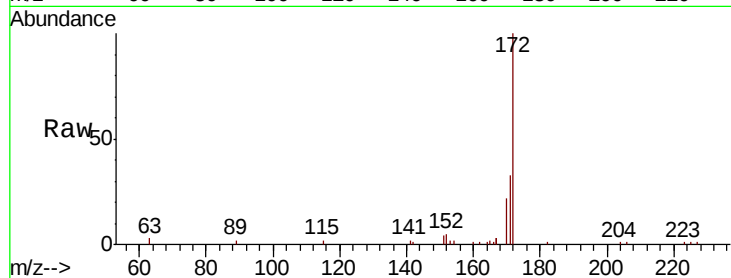




#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

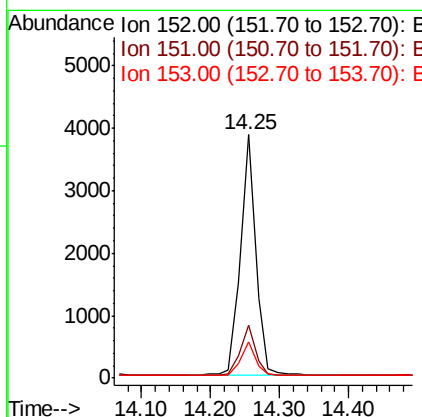
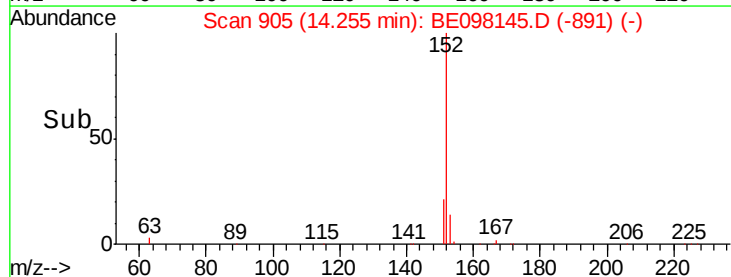
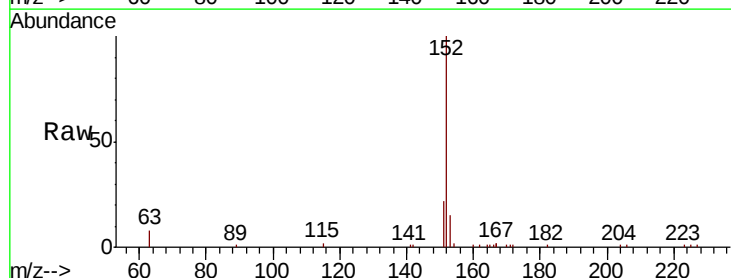
Instrument :
BNA_E
ClientSampleId :

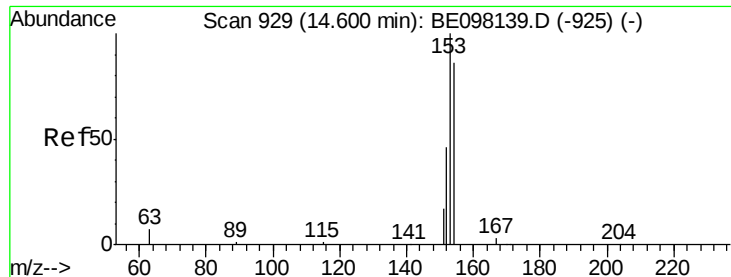
Tot Ion:172 Resp: 5336
Ion Ratio Lower Upper
172 100
171 33.3 26.0 39.0
170 22.0 18.0 27.0



#16
Acenaphthylene
Concen: 0.408 ng
RT: 14.25 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Tgt Ion:152 Resp: 5935
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.0 10.9 16.3

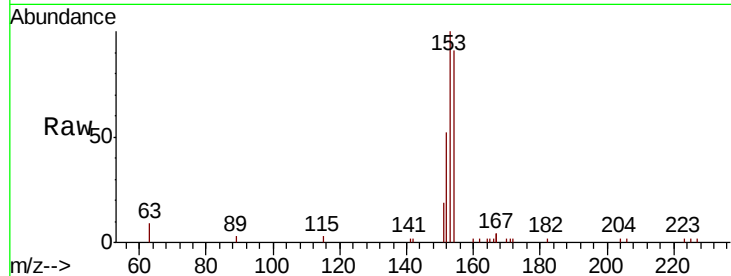




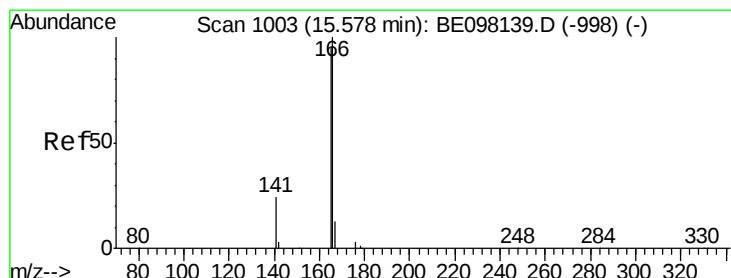
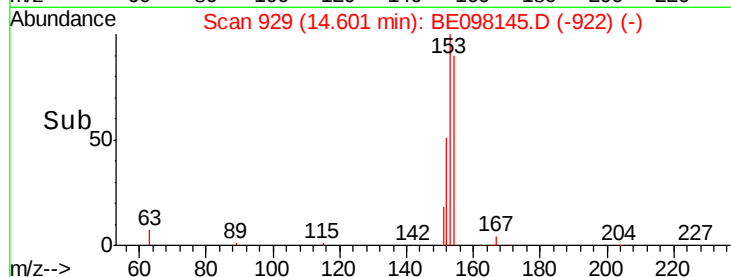
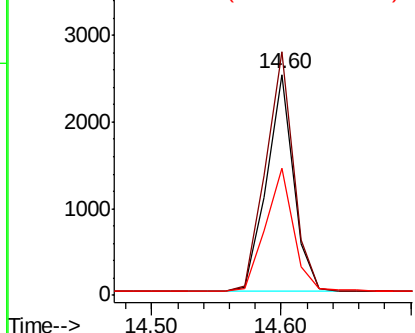
#17
Acenaphthene
Concen: 0.413 ng
RT: 14.60 min Scan# 929
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 3616
Ion Ratio Lower Upper
154 100
153 114.1 92.6 139.0
152 58.6 45.5 68.3

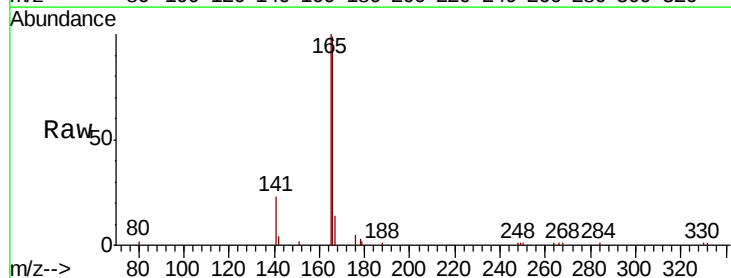


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

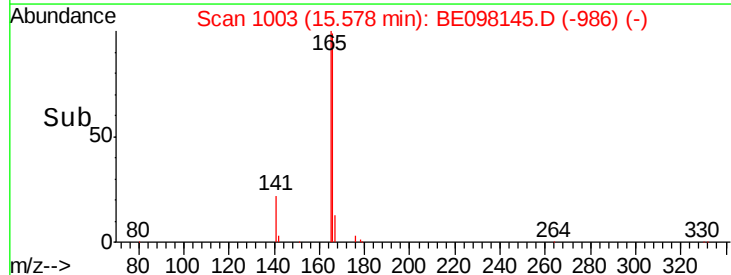
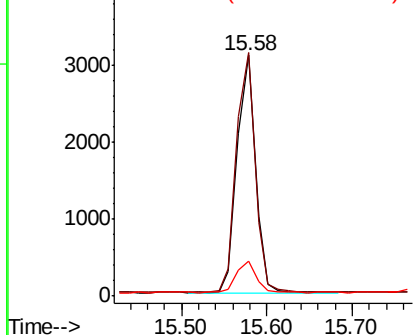


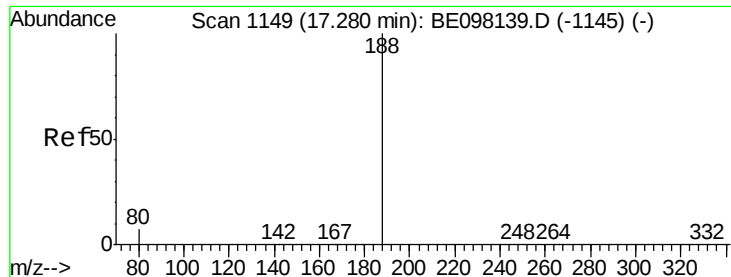
#18
Fluorene
Concen: 0.399 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Tgt Ion:166 Resp: 4629
Ion Ratio Lower Upper
166 100
165 102.9 78.2 117.4
167 13.8 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: 17.28 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BE098145.D

Acq: 1 Nov 2018 14:18

Instrument :

BNA_E

ClientSampleId :

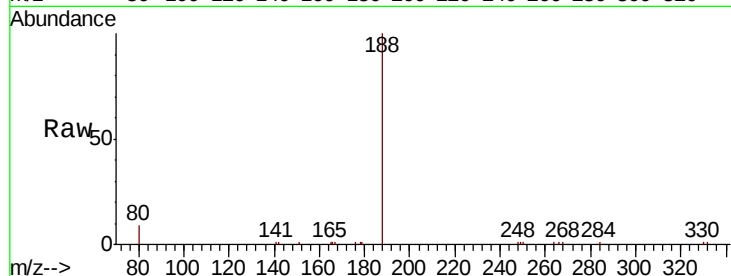
Tot Ion:188 Resp: 7508

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

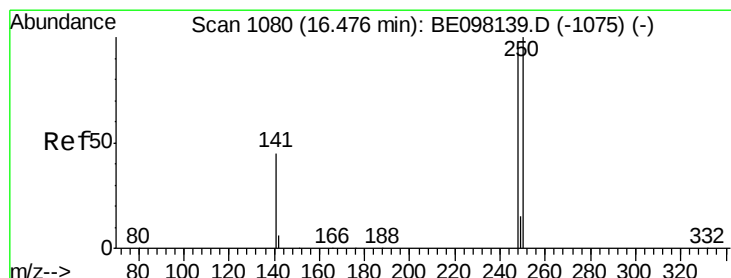
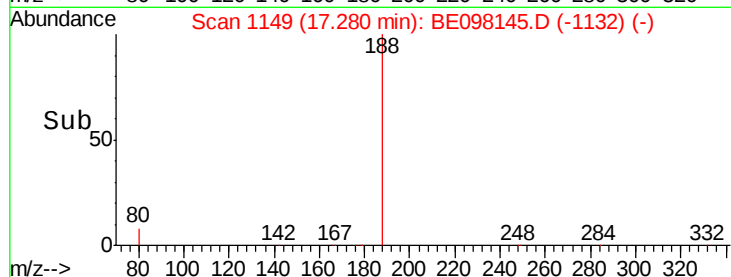
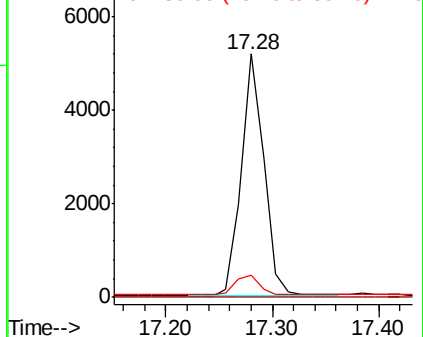
80 8.9 6.3 9.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.413 ng

RT: 16.48 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BE098145.D

Acq: 1 Nov 2018 14:18

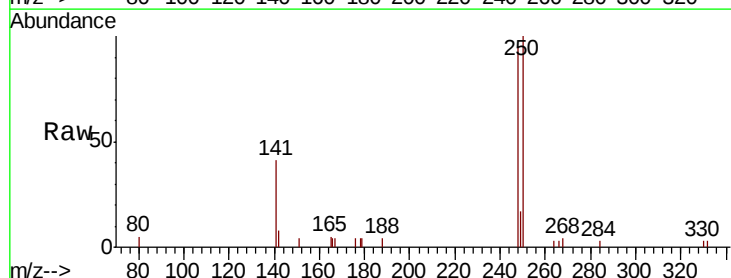
Tgt Ion:248 Resp: 1891

Ion Ratio Lower Upper

248 100

250 105.6 75.1 112.7

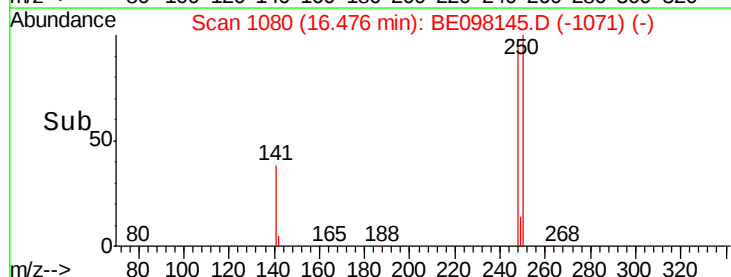
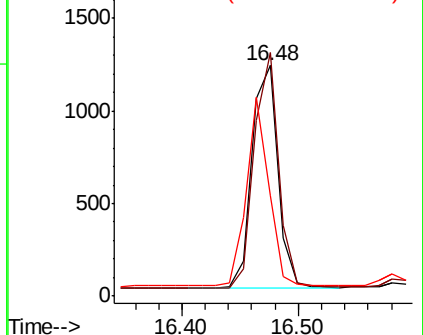
141 43.6 51.8 77.8#

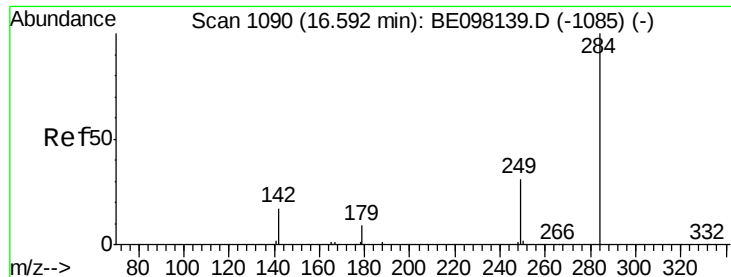


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.416 ng

RT: 16.59 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BE098145.D

Acq: 1 Nov 2018 14:18

Instrument :

BNA_E

ClientSampleId :

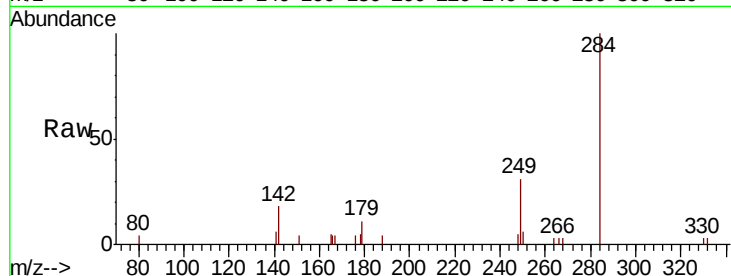
Tot Ion:284 Resp: 1990

Ion Ratio Lower Upper

284 100

142 32.1 25.9 38.9

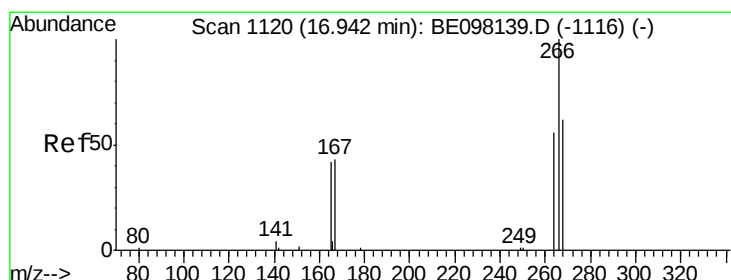
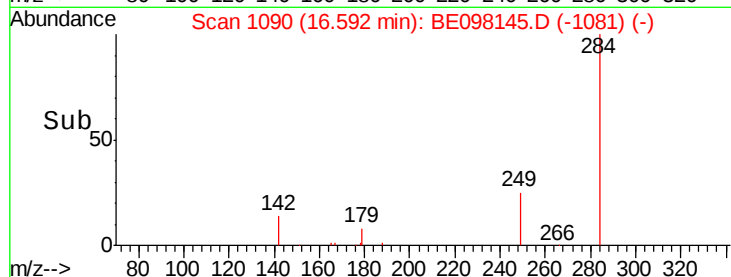
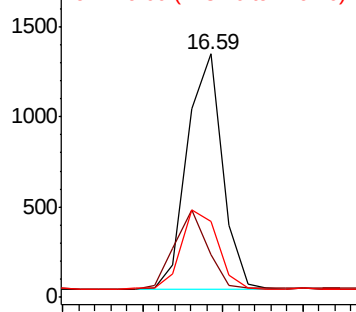
249 35.1 26.6 40.0



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: 0.380 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098145.D

Acq: 1 Nov 2018 14:18

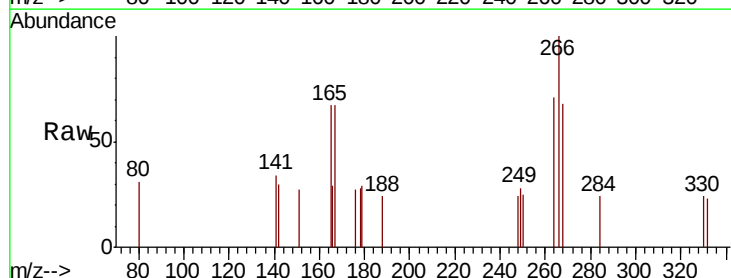
Tgt Ion:266 Resp: 348

Ion Ratio Lower Upper

266 100

264 70.7 51.3 76.9

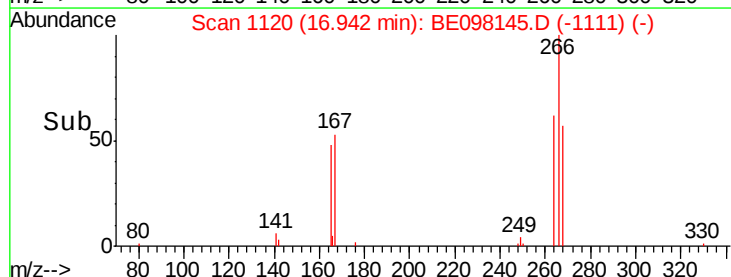
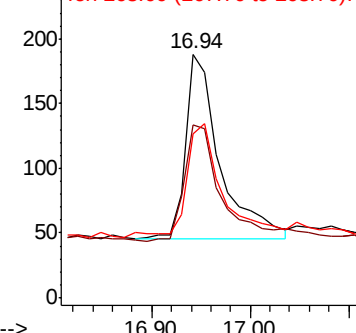
268 67.6 50.1 75.1

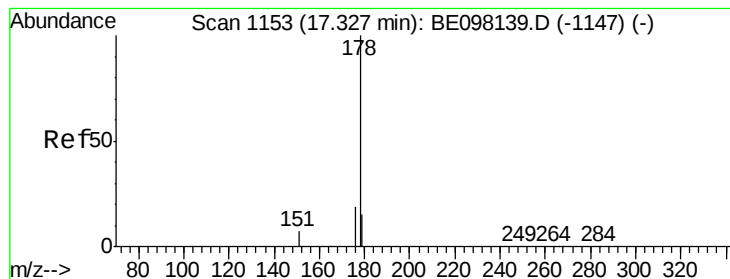


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.407 ng

RT: 17.33 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE098145.D

Acq: 1 Nov 2018 14:18

Instrument :

BNA_E

ClientSampleId :

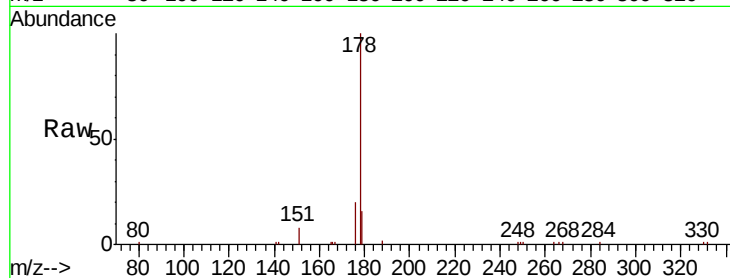
Tot Ion:178 Resp: 7579

Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

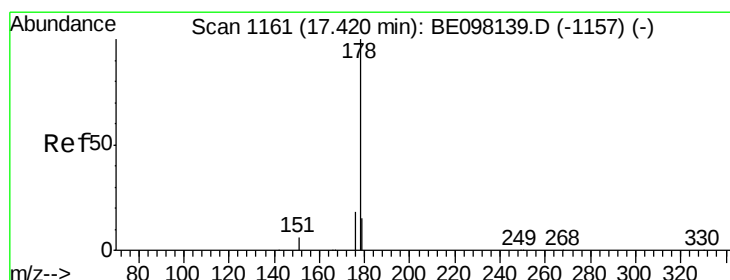
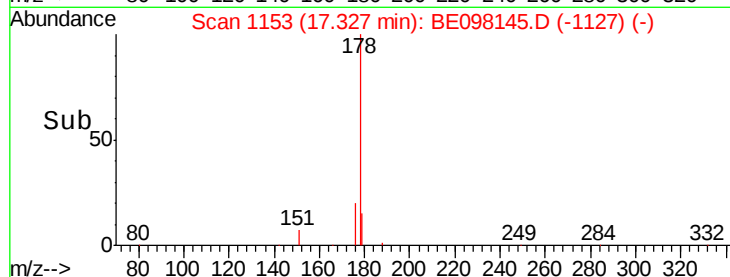
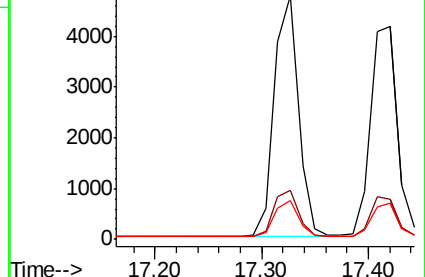
179 14.8 12.2 18.4



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: 0.409 ng

RT: 17.42 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BE098145.D

Acq: 1 Nov 2018 14:18

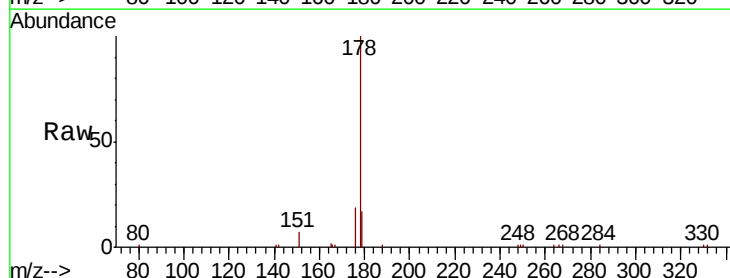
Tgt Ion:178 Resp: 7232

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

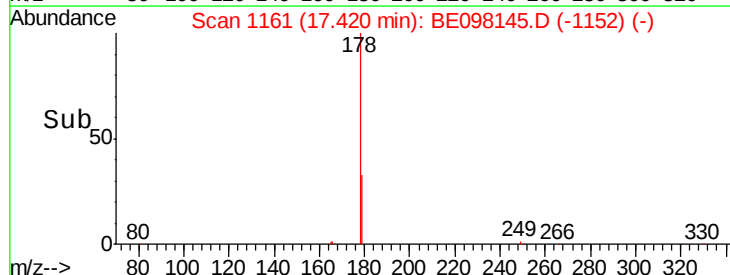
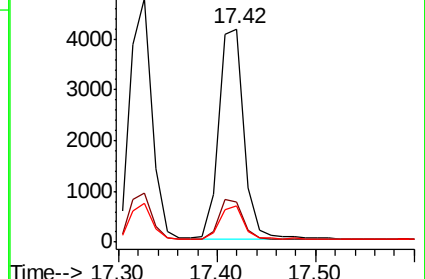
179 15.1 11.9 17.9

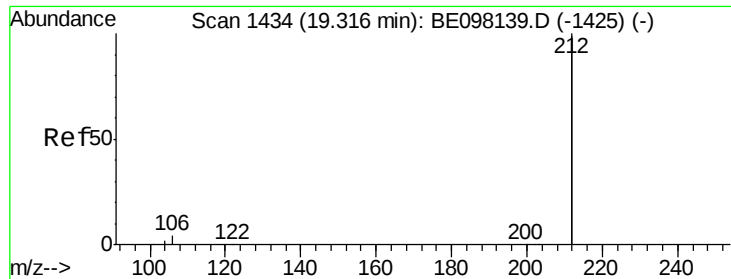


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.401 ng

RT: 19.31 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BE098145.D

Acq: 1 Nov 2018 14:18

Instrument :

BNA_E

ClientSampleId :

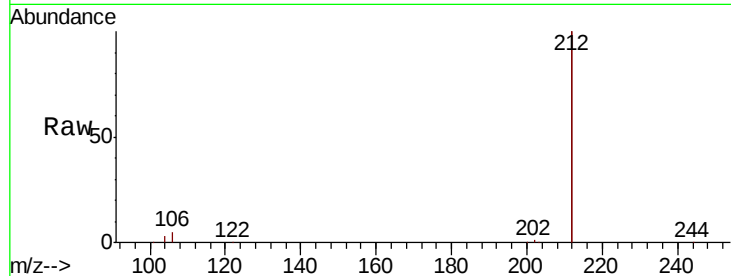
Tot Ion:212 Resp: 38814

Ion Ratio Lower Upper

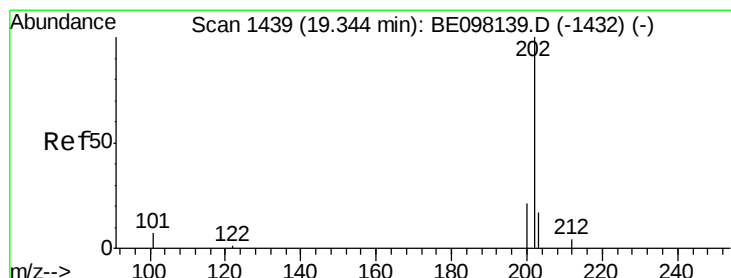
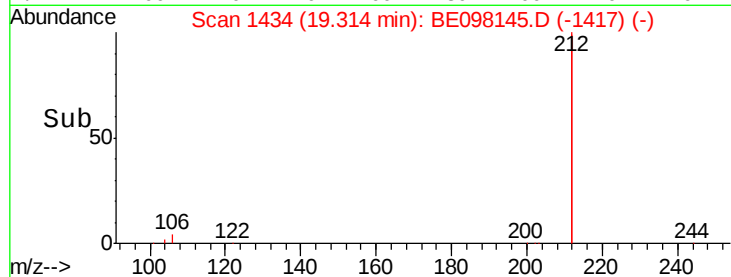
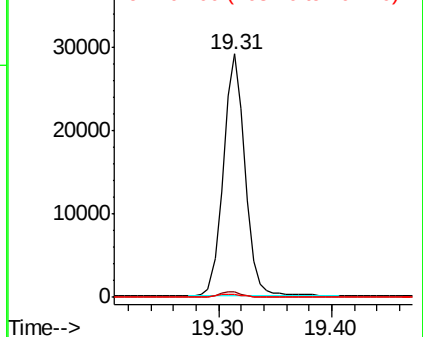
212 100

106 2.2 2.3 3.5#

104 1.3 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



#26

Fluoranthene

Concen: 0.400 ng

RT: 19.34 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE098145.D

Acq: 1 Nov 2018 14:18

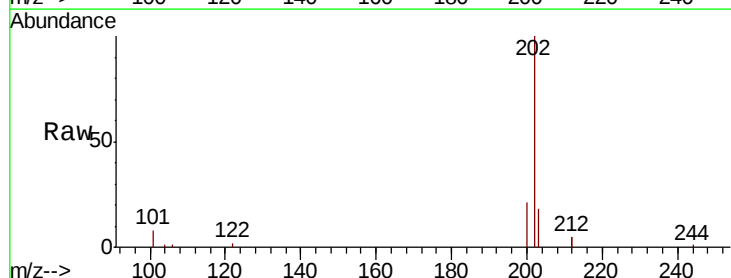
Tgt Ion:202 Resp: 9326

Ion Ratio Lower Upper

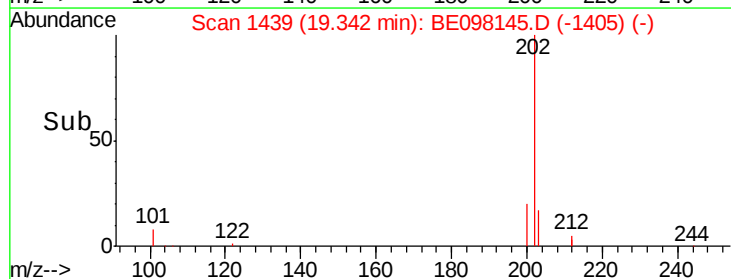
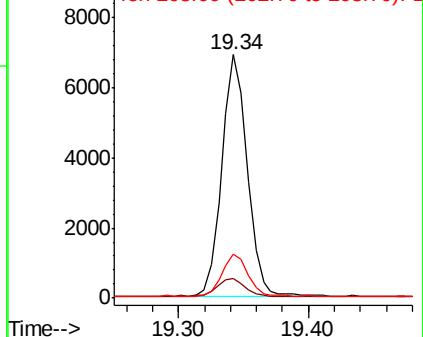
202 100

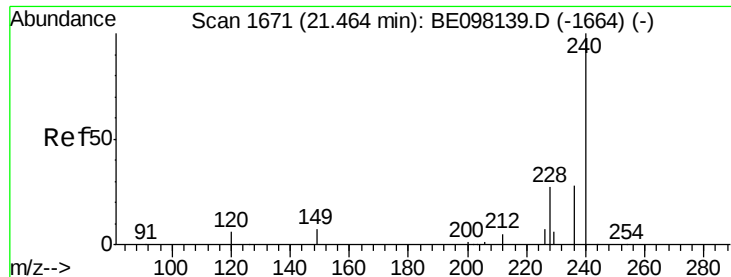
101 8.2 8.2 12.2

203 17.3 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





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098145.D

Acq: 1 Nov 2018 14:18

Instrument :

BNA_E

ClientSampleId :

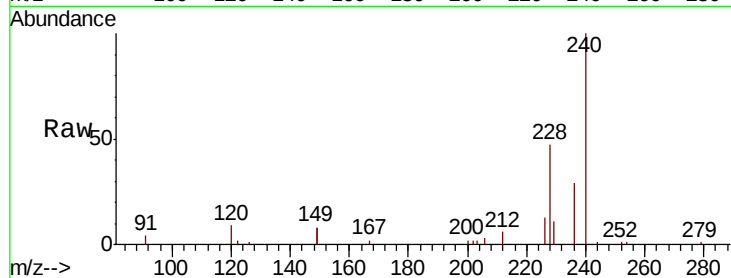
Tot Ion:240 Resp: 8475

Ion Ratio Lower Upper

240 100

120 8.8 7.1 10.7

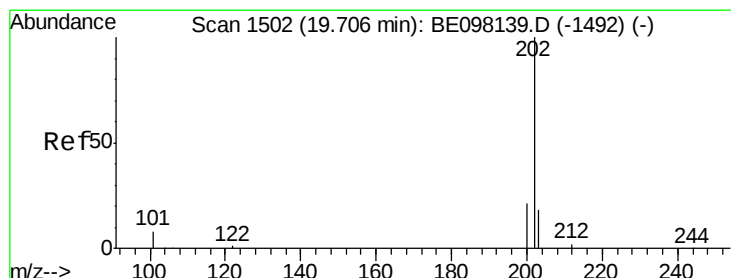
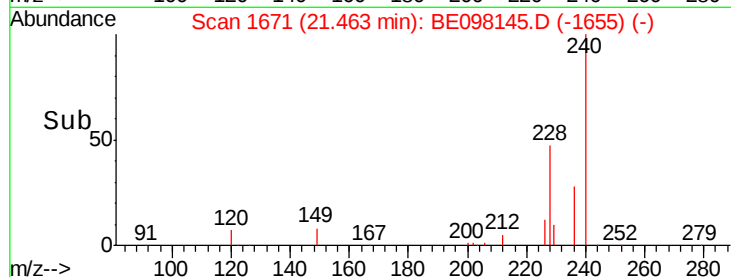
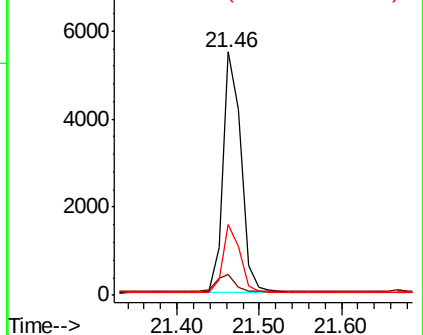
236 28.9 21.3 31.9



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: 0.420 ng

RT: 19.70 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE098145.D

Acq: 1 Nov 2018 14:18

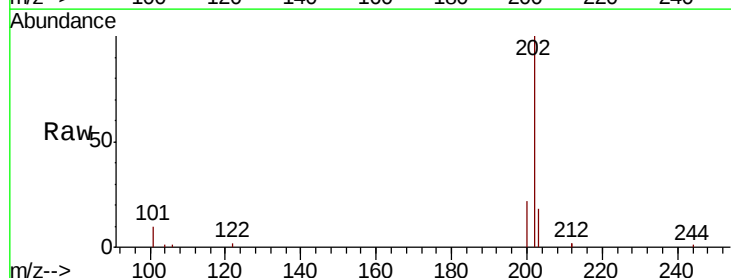
Tgt Ion:202 Resp: 9725

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

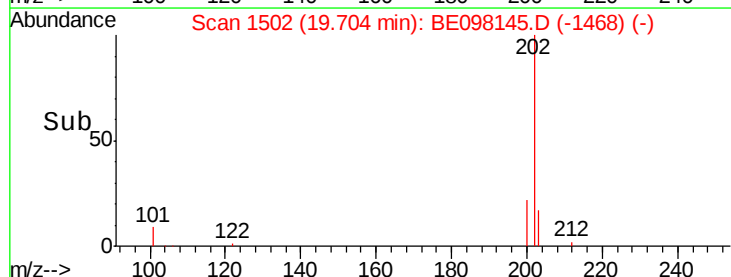
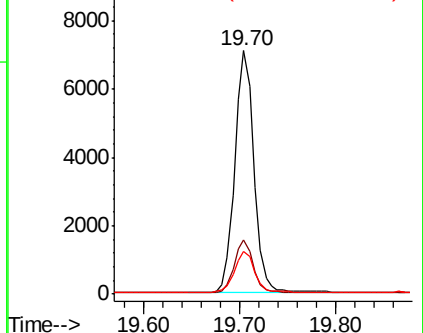
203 17.7 14.2 21.4

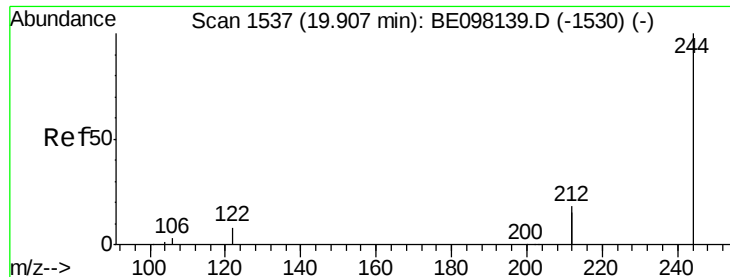


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.415 ng

RT: 19.91 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BE098145.D

Acq: 1 Nov 2018 14:18

Instrument :

BNA_E

ClientSampleId :

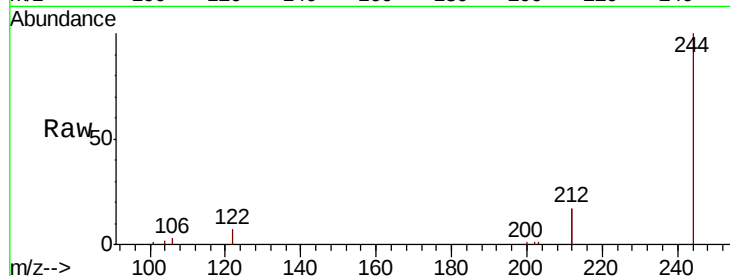
Tot Ion:244 Resp: 8185

Ion Ratio Lower Upper

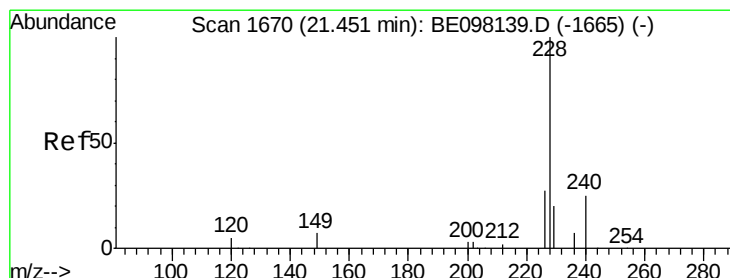
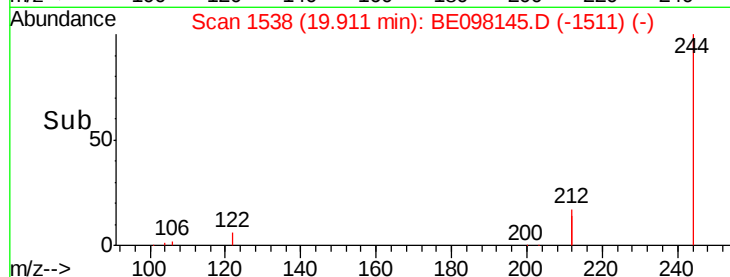
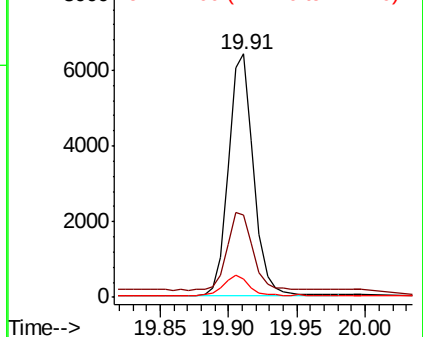
244 100

212 33.9 26.2 39.2

122 7.3 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: 0.415 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098145.D

Acq: 1 Nov 2018 14:18

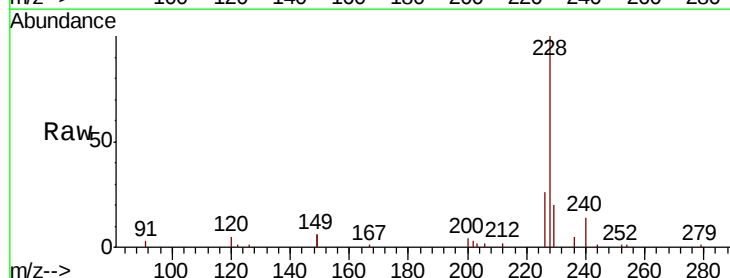
Tgt Ion:228 Resp: 10279

Ion Ratio Lower Upper

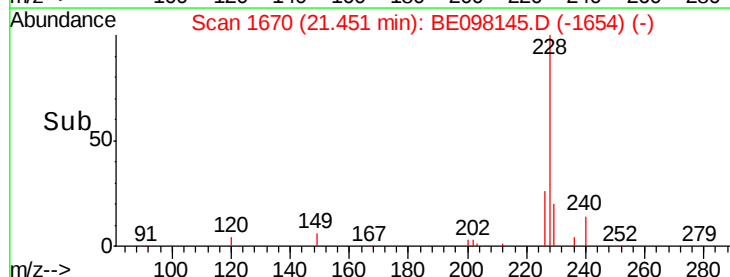
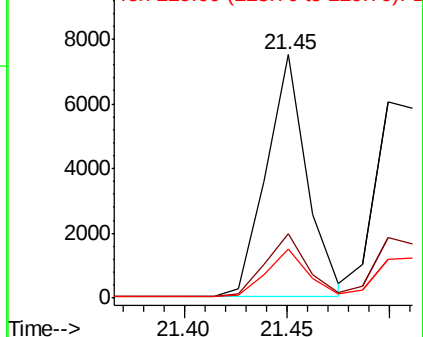
228 100

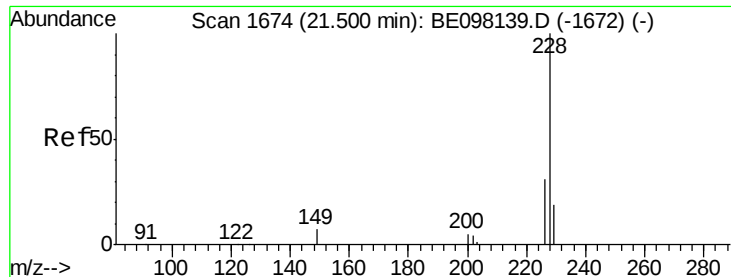
226 26.4 22.6 33.8

229 20.2 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

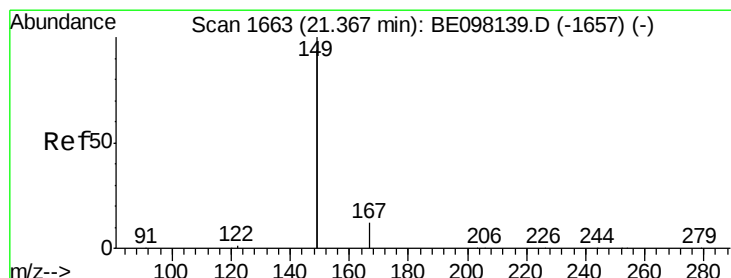
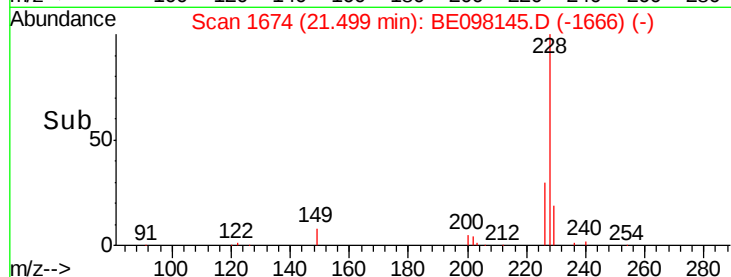
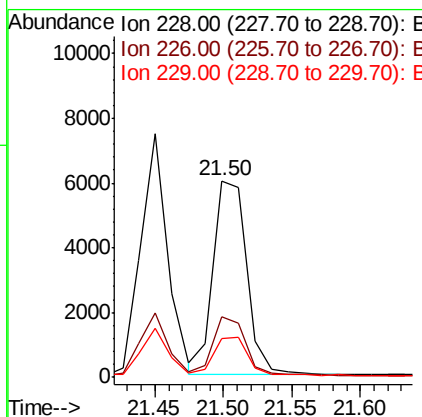
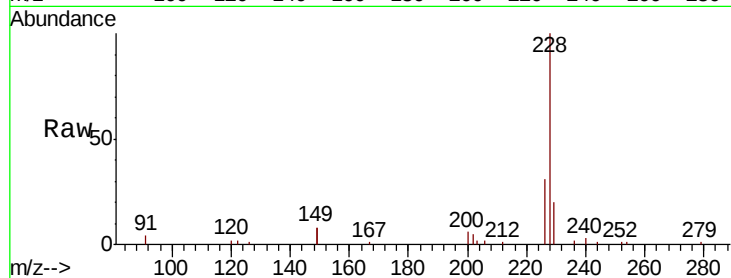




#31
 Chrysene
 Concen: 0.415 ng
 RT: 21.50 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BE098145.D
 Acq: 1 Nov 2018 14:18

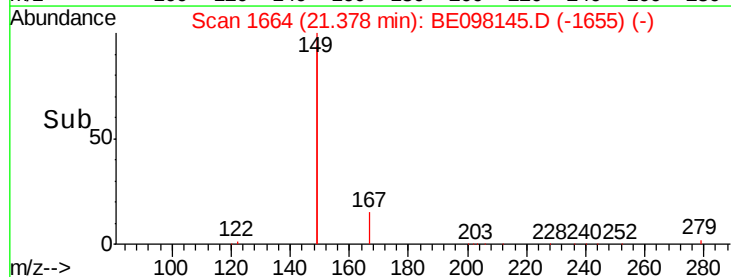
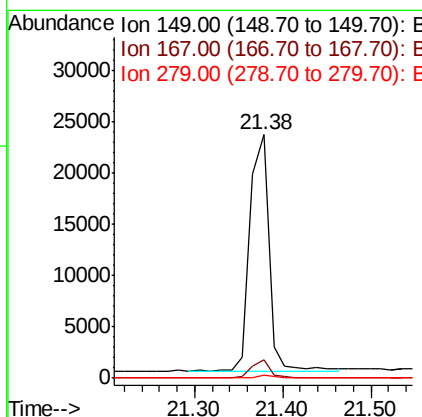
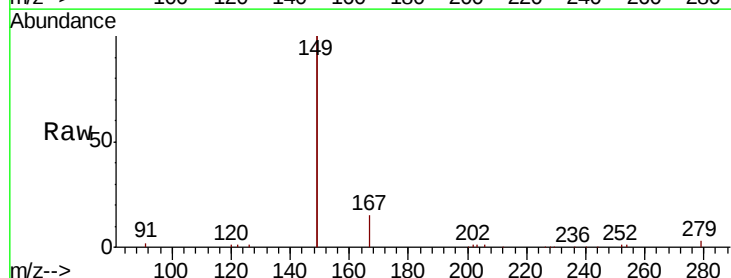
Instrument :
 BNA_E
 ClientSampleId :

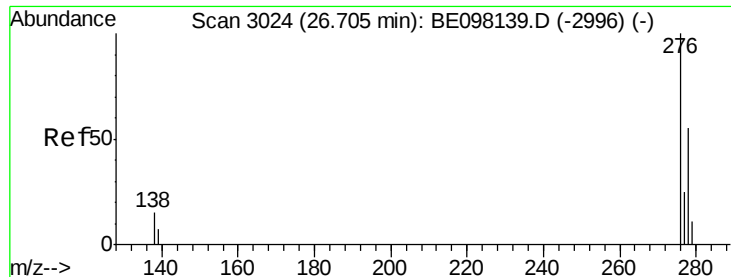
Tot Ion:228 Resp: 10171
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.3 36.5
 229 19.7 17.3 25.9



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.483 ng
 RT: 21.38 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: BE098145.D
 Acq: 1 Nov 2018 14:18

Tgt Ion:149 Resp: 34625
 Ion Ratio Lower Upper
 149 100
 167 6.6 5.6 8.4
 279 1.1 0.9 1.3





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.411 ng

RT: 26.71 min Scan# 3024

Delta R.T. 0.00 min

Lab File: BE098145.D

Acq: 1 Nov 2018 14:18

Instrument :

BNA_E

ClientSampleId :

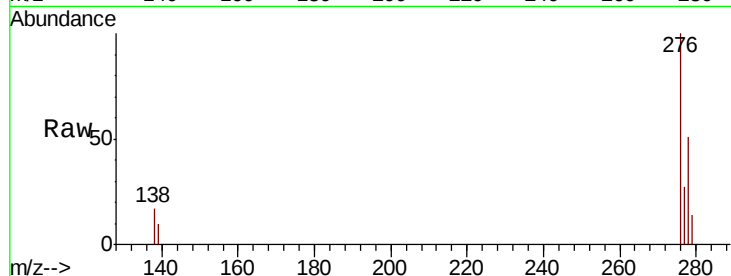
Tot Ion:276 Resp: 10483

Ion Ratio Lower Upper

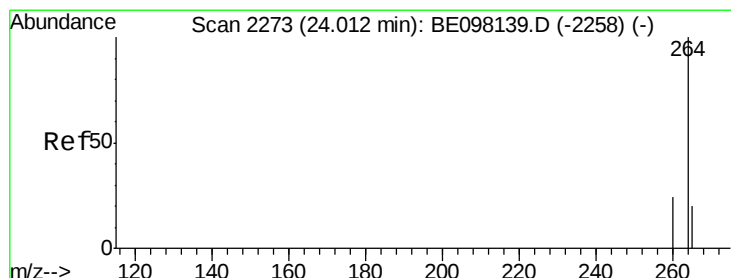
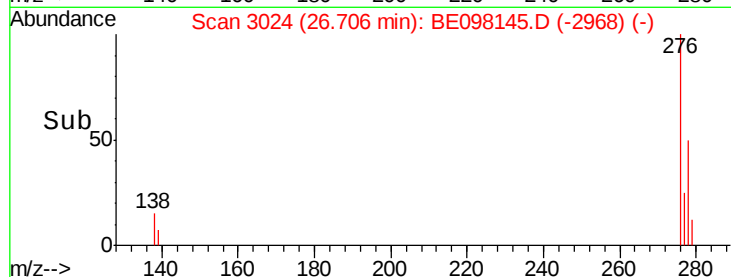
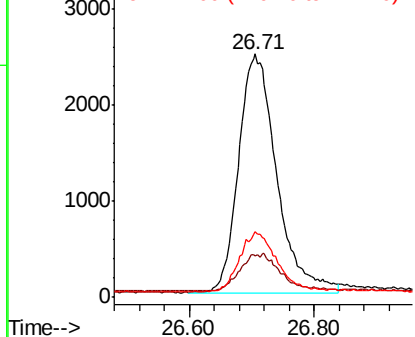
276 100

138 6.7 17.0 25.6#

277 24.3 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: 24.01 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BE098145.D

Acq: 1 Nov 2018 14:18

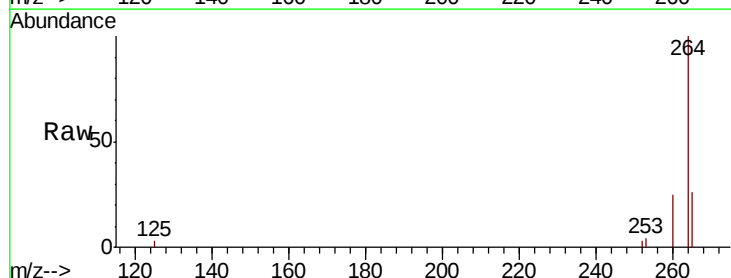
Tgt Ion:264 Resp: 8226

Ion Ratio Lower Upper

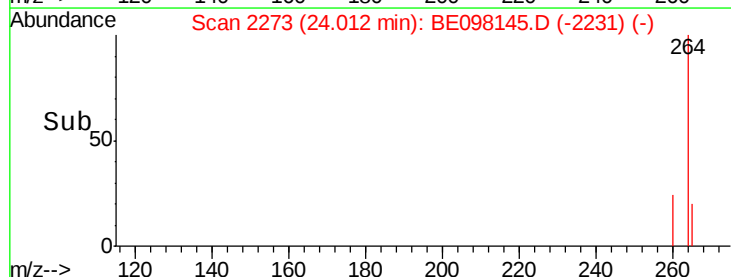
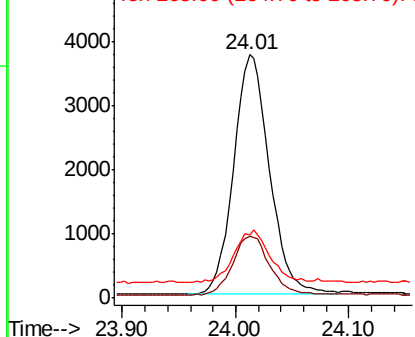
264 100

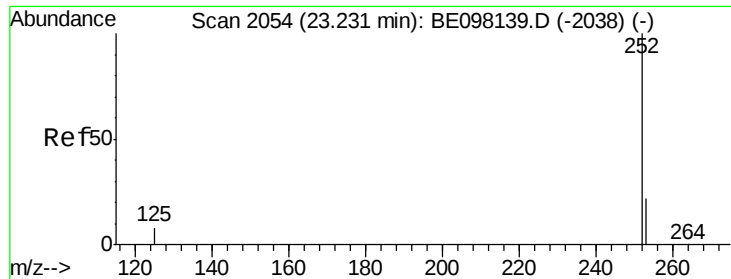
260 25.2 21.1 31.7

265 26.1 29.2 43.8#



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

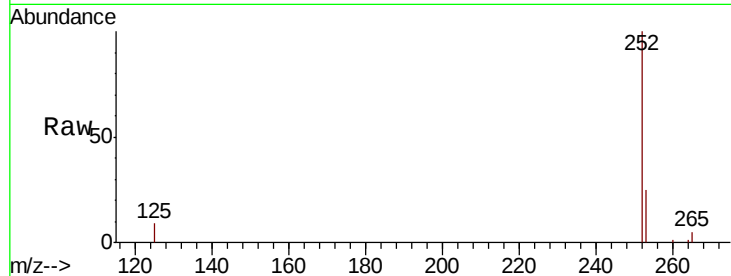




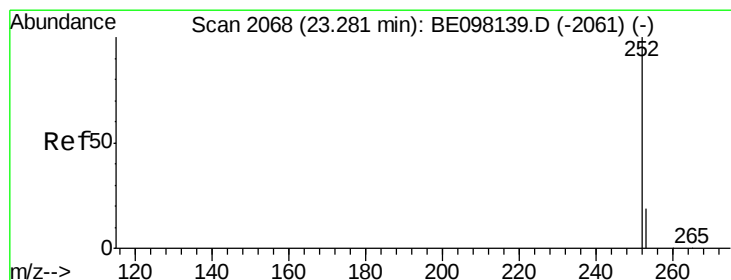
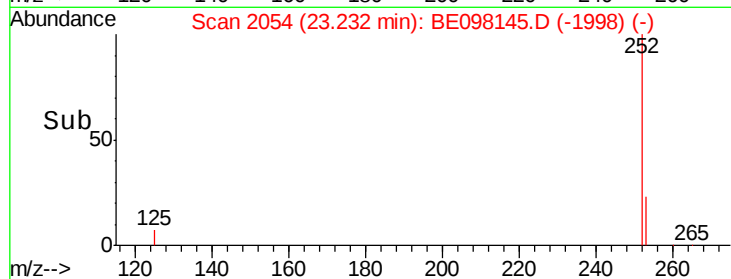
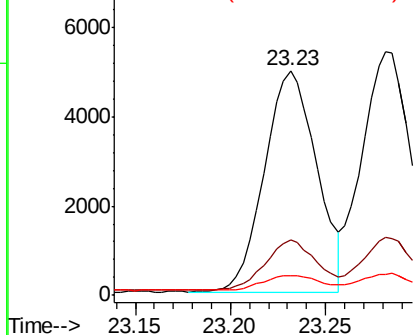
#35
Benzo(b)fluoranthene
Concen: 0.409 ng
RT: 23.23 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 9468
Ion Ratio Lower Upper
252 100
253 25.0 20.6 31.0
125 8.7 14.3 21.5#

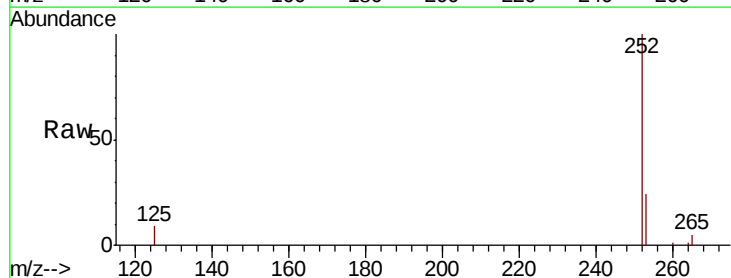


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

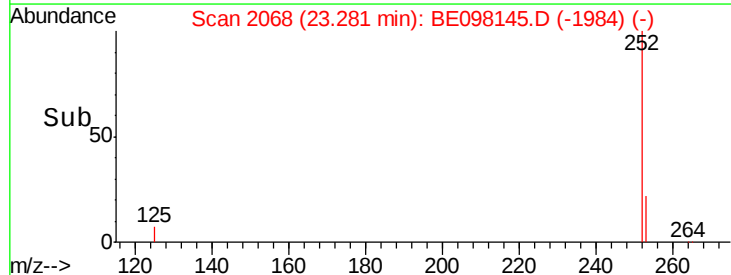
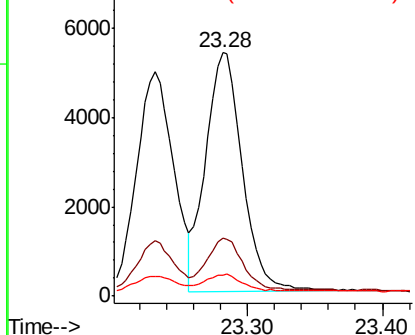


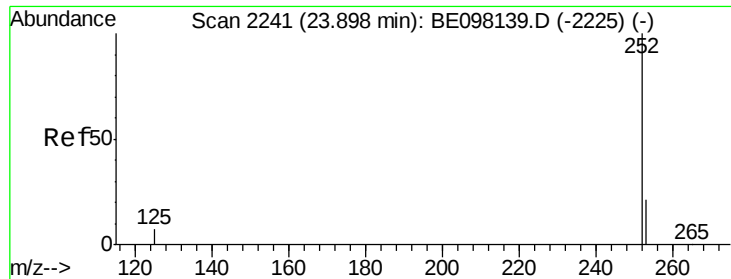
#36
Benzo(k)fluoranthene
Concen: 0.420 ng
RT: 23.28 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Tgt Ion:252 Resp: 10079
Ion Ratio Lower Upper
252 100
253 24.0 20.4 30.6
125 8.7 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

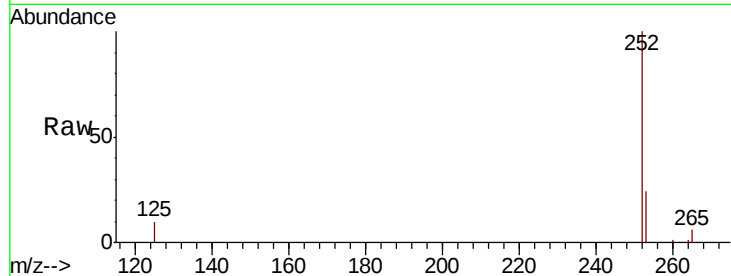




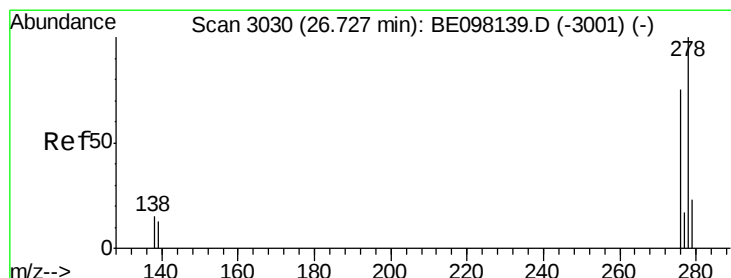
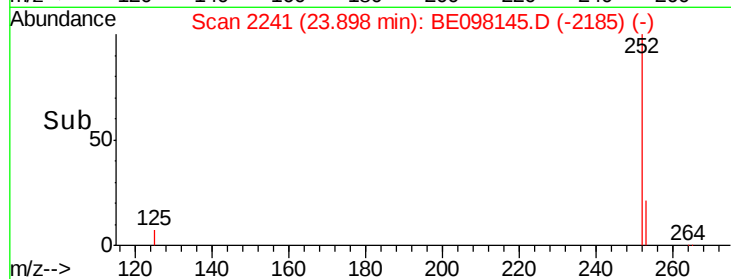
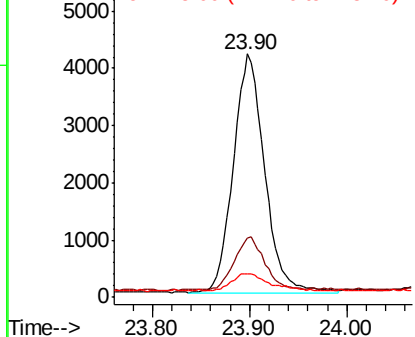
#37
Benzo(a)pyrene
Concen: 0.412 ng
RT: 23.90 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 9332
Ion Ratio Lower Upper
252 100
253 24.2 20.6 31.0
125 9.8 15.6 23.4#

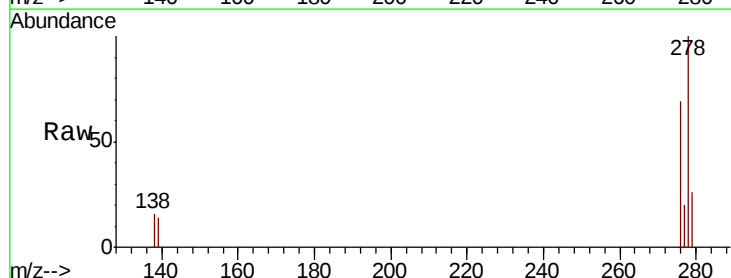


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

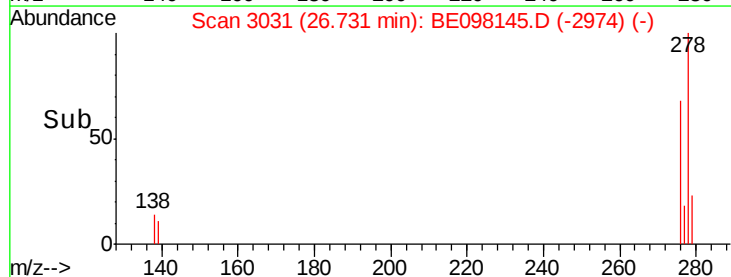
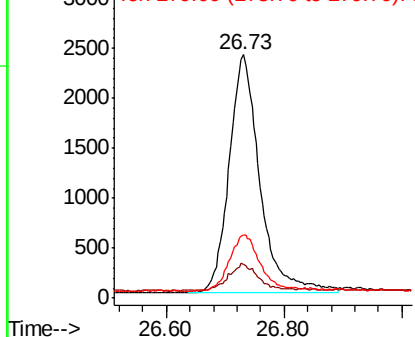


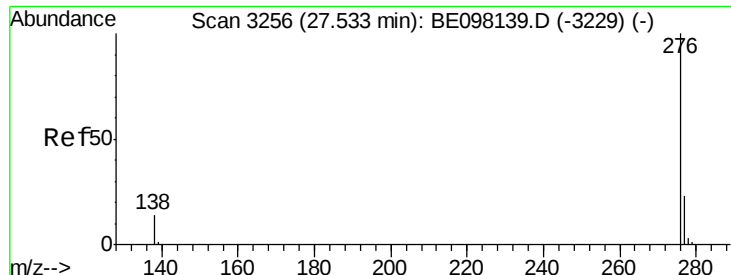
#38
Dibenzo(a,h)anthracene
Concen: 0.413 ng
RT: 26.73 min Scan# 3031
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Tgt Ion:278 Resp: 8725
Ion Ratio Lower Upper
278 100
139 14.1 16.3 24.5#
279 25.8 21.4 32.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.416 ng

RT: 27.53 min Scan# 3254

Delta R.T. -0.01 min

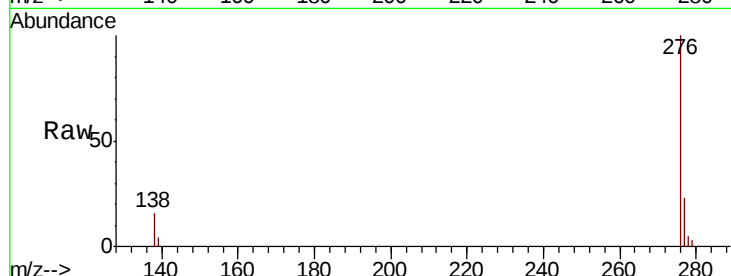
Lab File: BE098145.D

Acq: 1 Nov 2018 14:18

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 8744

Ion Ratio Lower Upper

276 100

277 23.5 22.1 33.1

138 16.2 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

