

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111918\
 Data File : BE098245.D
 Acq On : 19 Nov 2018 9:51
 Operator : SJ/JU
 Sample : PB114879BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB114879BS

Quant Time: Nov 19 10:29:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 16 19:05:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1249	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4690	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2528	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	6884	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8975	0.40	ng	0.00
34) Perylene-d12	24.02	264	8426	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	1017	0.30	ng	0.00
5) Phenol-d6	7.04	99	1328	0.25	ng	0.00
8) Nitrobenzene-d5	9.03	82	1446	0.33	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	2321	0.28	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	249	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	3222	0.29	ng	0.00
25) Fluoranthene-d10	19.31	212	31090	0.37	ng	0.00
29) Terphenyl-d14	19.91	244	5738	0.28	ng	0.00

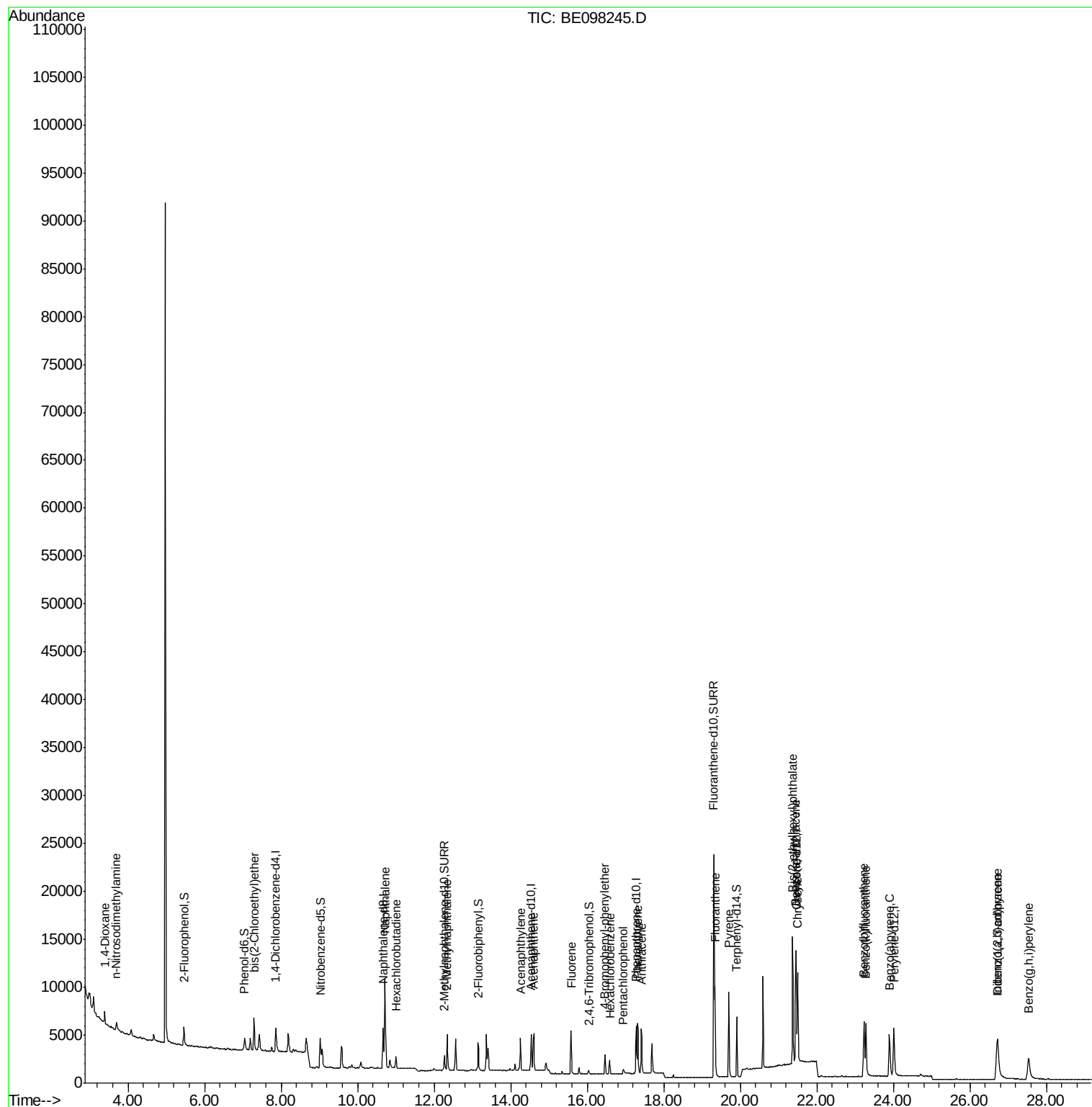
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	509	0.260	ng	# 49
3) n-Nitrosodimethylamine	3.69	42	784	0.356	ng	# 85
6) bis(2-Chloroethyl)ether	7.29	93	1298	0.288	ng	95
9) Naphthalene	10.72	128	15917	0.333	ng	100
10) Hexachlorobutadiene	11.00	225	900	0.321	ng	99
12) 2-Methylnaphthalene	12.34	142	2637	0.313	ng	97
16) Acenaphthylene	14.25	152	4024	0.334	ng	98
17) Acenaphthene	14.60	154	2303	0.320	ng	99
18) Fluorene	15.58	166	3182	0.347	ng	100
20) 4-Bromophenyl-phenylether	16.46	248	1194	0.280	ng	93
21) Hexachlorobenzene	16.59	284	1187	0.270	ng	97
22) Pentachlorophenol	16.94	266	391	0.556	ng	98
23) Phenanthrene	17.31	178	6042	0.341	ng	100
24) Anthracene	17.41	178	5519	0.343	ng	99
26) Fluoranthene	19.34	202	8311	0.391	ng	99
28) Pyrene	19.70	202	8451	0.322	ng	100
30) Benzo(a)anthracene	21.45	228	8957	0.345	ng	97
31) Chrysene	21.50	228	9126	0.342	ng	100
32) Bis(2-ethylhexyl)phthalate	21.37	149	15261	0.377	ng	100
33) Indeno(1,2,3-cd)pyrene	26.71	276	8173	0.357	ng	# 90
35) Benzo(b)fluoranthene	23.23	252	8498	0.357	ng	99
36) Benzo(k)fluoranthene	23.28	252	8929	0.332	ng	98
37) Benzo(a)pyrene	23.90	252	8269	0.354	ng	# 96
38) Dibenzo(a,h)anthracene	26.73	278	6303	0.337	ng	95
39) Benzo(g,h,i)perylene	27.54	276	7079	0.351	ng	# 94

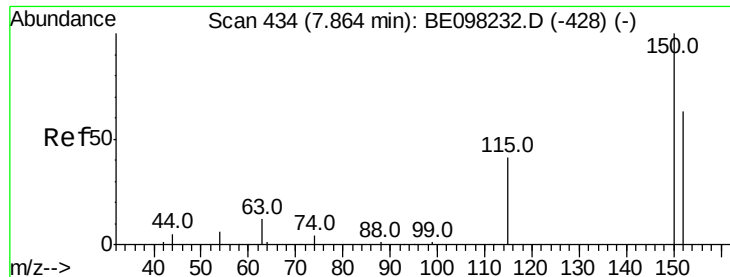
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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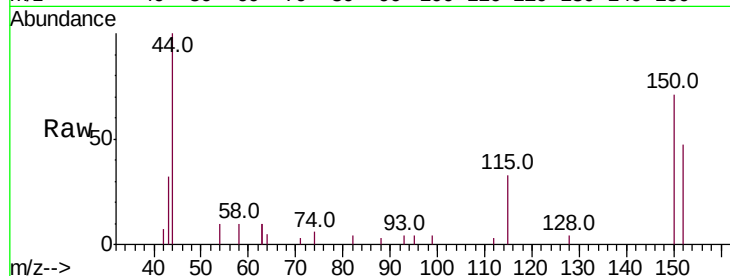




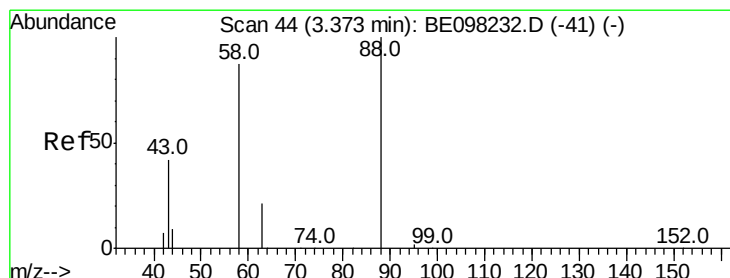
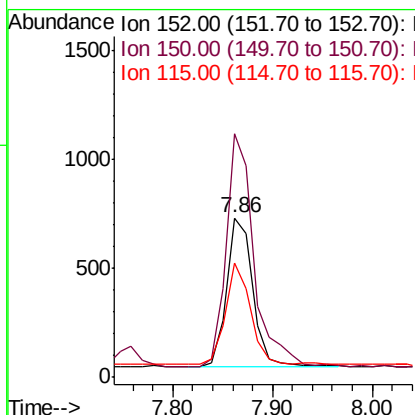
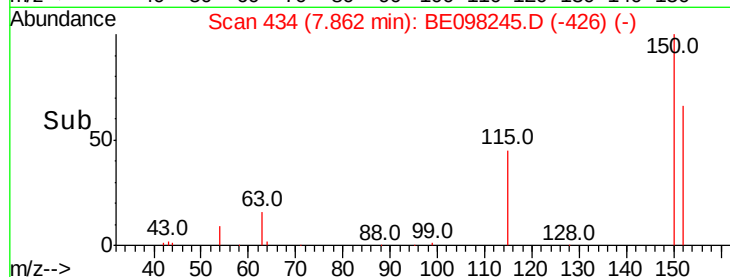
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.86 min Scan# 434
 Delta R.T. -0.00 min
 Lab File: BE098245.D
 Acq: 19 Nov 2018 9:51

Instrument :
 BNA_E
 ClientSampleId :
 PB114879BS

Tot Ion:152 Resp: 1249
 Ion Ratio Lower Upper
 152 100
 150 152.9 127.5 191.3
 115 71.6 60.3 90.5

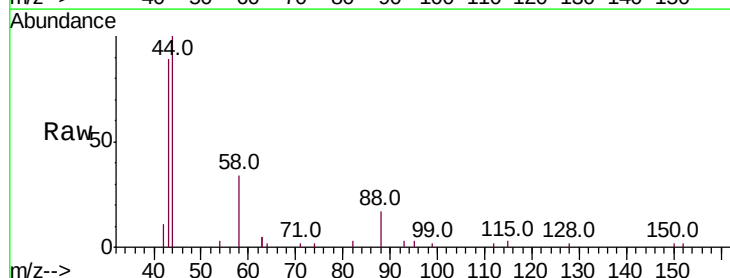


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

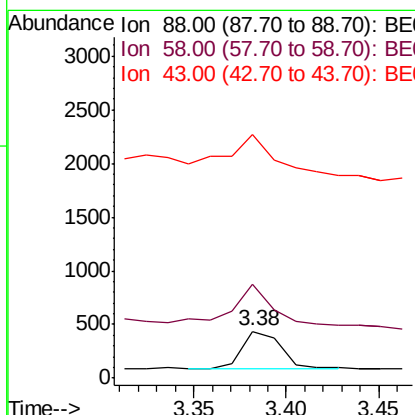
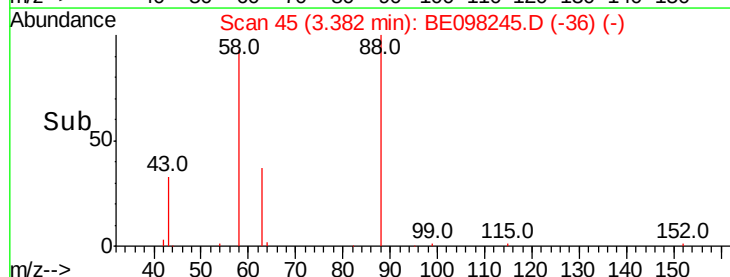


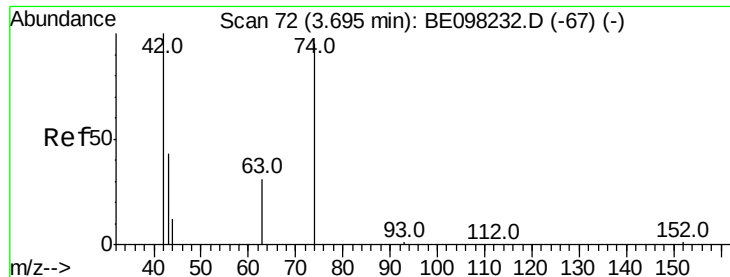
#2
 1,4-Dioxane
 Concen: 0.260 ng
 RT: 3.38 min Scan# 45
 Delta R.T. 0.01 min
 Lab File: BE098245.D
 Acq: 19 Nov 2018 9:51

Tgt Ion: 88 Resp: 509
 Ion Ratio Lower Upper
 88 100
 58 113.0 79.0 118.4
 43 132.8 38.1 57.1#



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: 0.356 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE098245.D

Acq: 19 Nov 2018 9:51

Instrument :

BNA_E

ClientSampleId :

PB114879BS

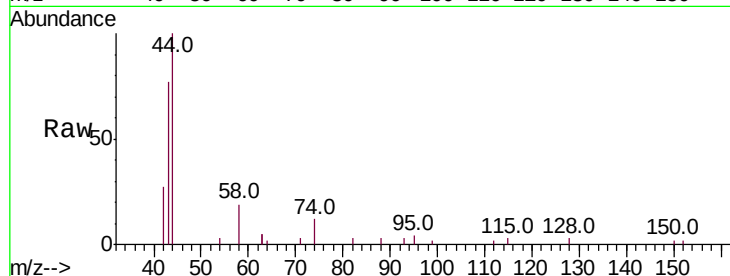
Tot Ion: 42 Resp: 784

Ion Ratio Lower Upper

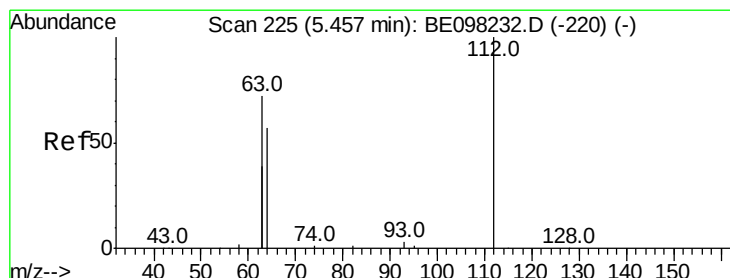
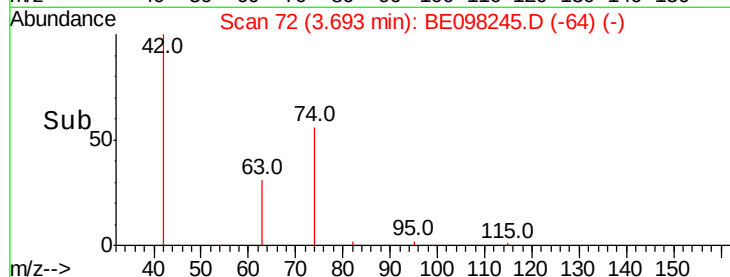
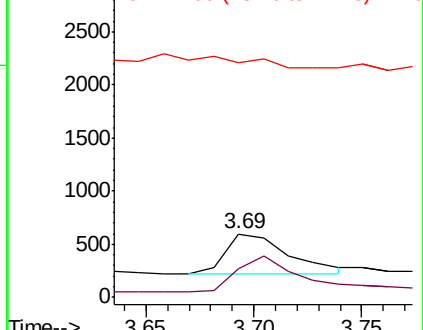
42 100

74 85.6 61.7 92.5

44 0.0 14.0 21.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.304 ng

RT: 5.45 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098245.D

Acq: 19 Nov 2018 9:51

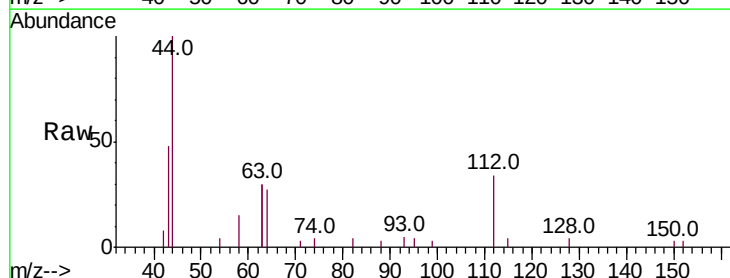
Tgt Ion: 112 Resp: 1017

Ion Ratio Lower Upper

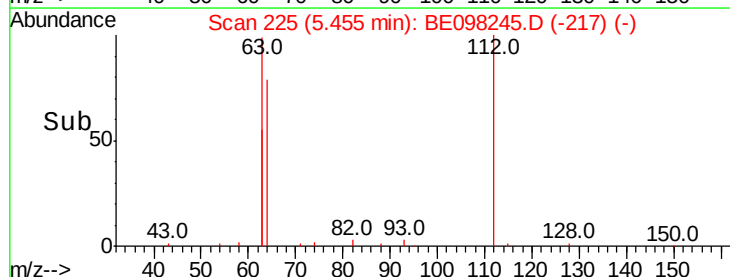
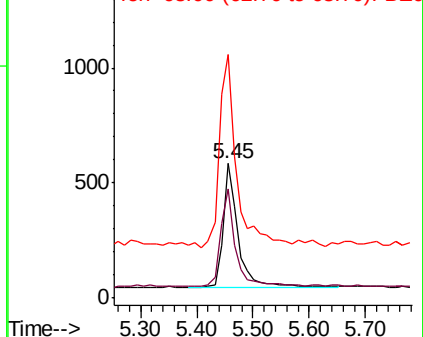
112 100

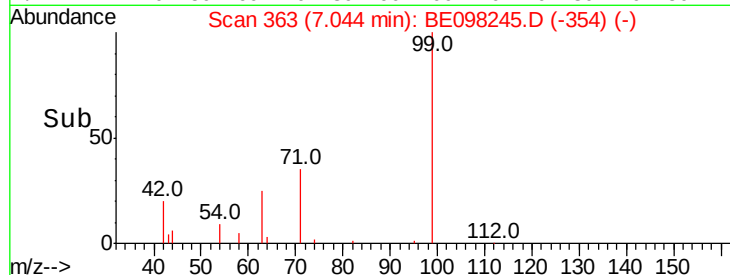
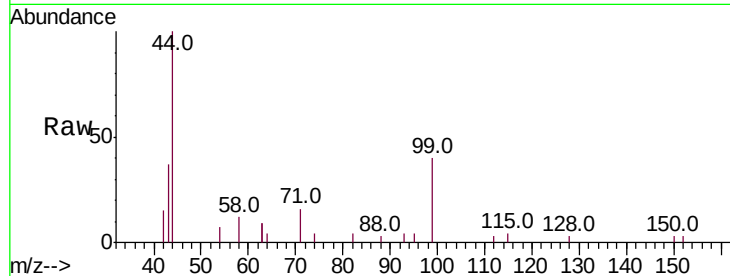
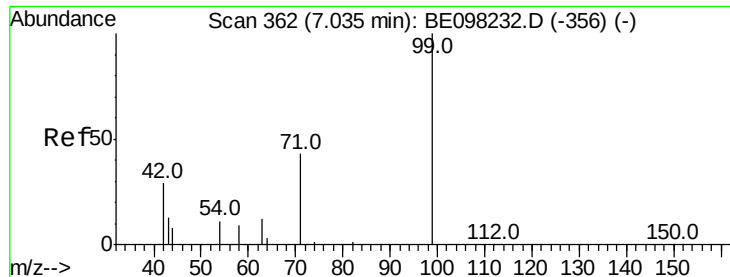
64 77.2 61.7 92.5

63 179.3 136.2 204.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.252 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.01 min

Lab File: BE098245.D

Acq: 19 Nov 2018 9:51

Instrument :

BNA_E

ClientSampleId :

PB114879BS

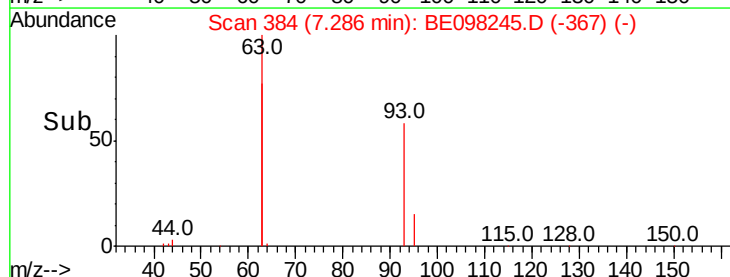
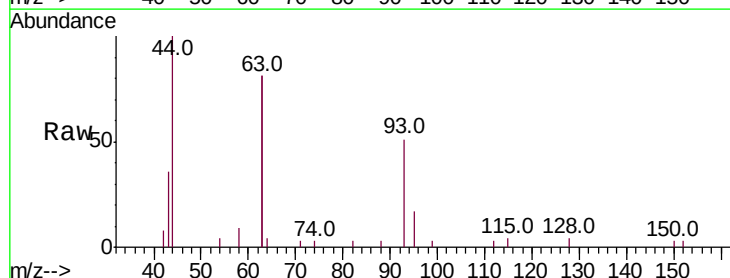
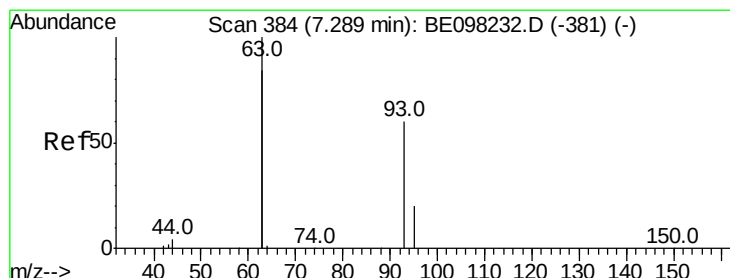
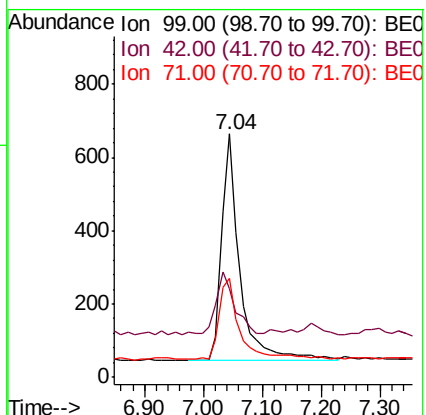
Tot Ion: 99 Resp: 1328

Ion Ratio Lower Upper

99 100

42 29.5 27.1 40.7

71 40.7 37.0 55.6



#6

bis(2-Chloroethyl)ether

Concen: 0.288 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098245.D

Acq: 19 Nov 2018 9:51

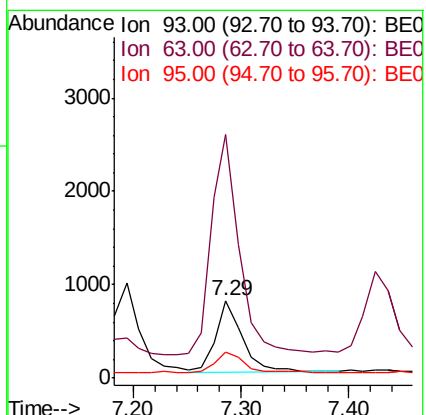
Tgt Ion: 93 Resp: 1298

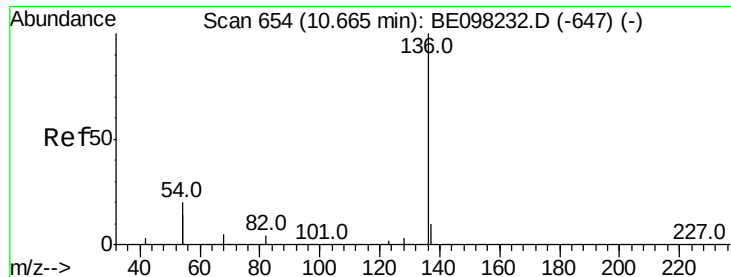
Ion Ratio Lower Upper

93 100

63 329.1 272.6 409.0

95 34.2 27.1 40.7





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098245.D

Acq: 19 Nov 2018 9:51

Instrument :

BNA_E

ClientSampleId :

PB114879BS

Tot Ion:136 Resp: 4690

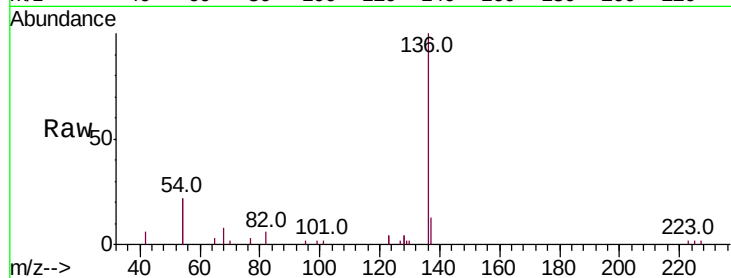
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 44.4 31.3 46.9

68 7.9 4.8 7.2#

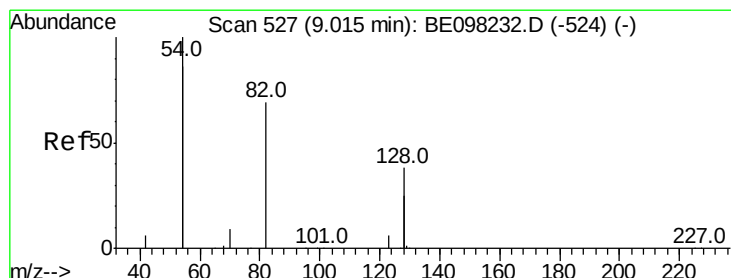
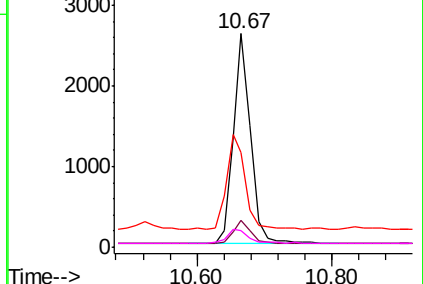
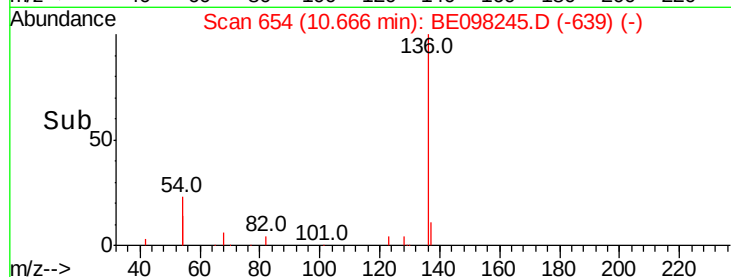


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.327 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098245.D

Acq: 19 Nov 2018 9:51

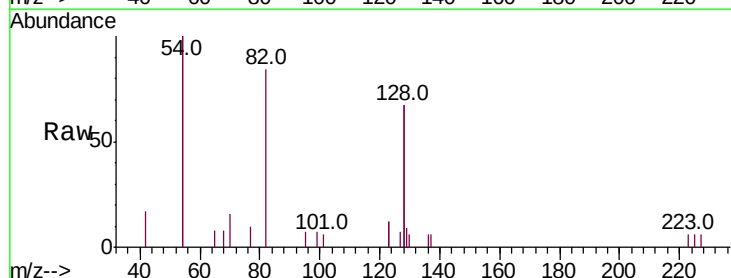
Tgt Ion: 82 Resp: 1446

Ion Ratio Lower Upper

82 100

128 158.9 96.1 144.1#

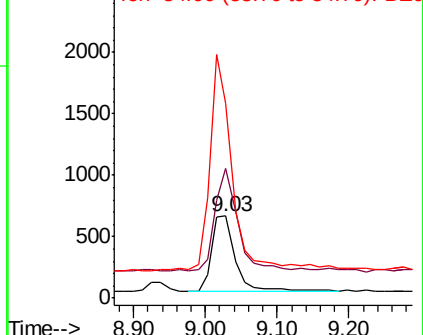
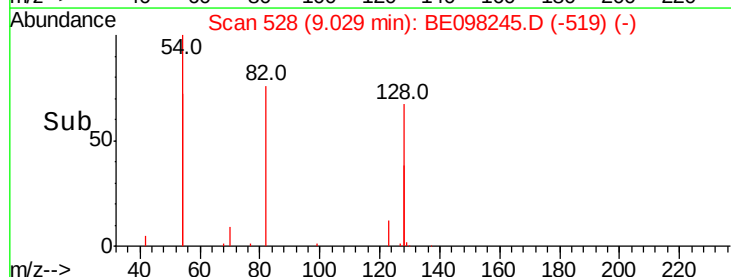
54 238.7 232.0 348.0

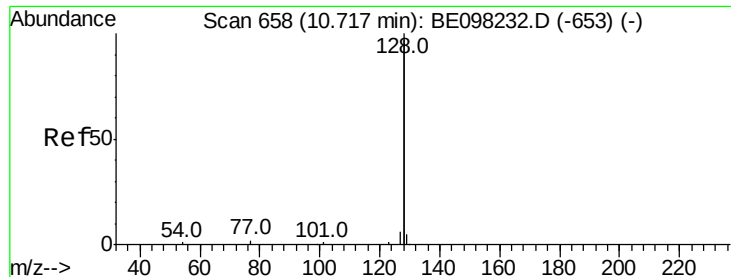


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.333 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098245.D

Acq: 19 Nov 2018 9:51

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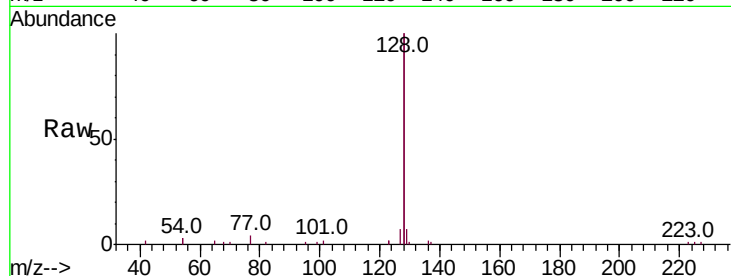
Tot Ion:128 Resp: 15917

Ion Ratio Lower Upper

128 100

129 3.3 2.6 4.0

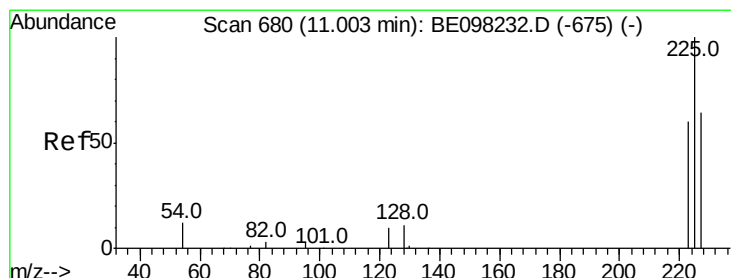
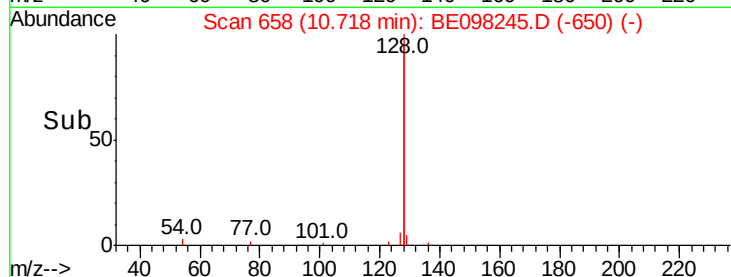
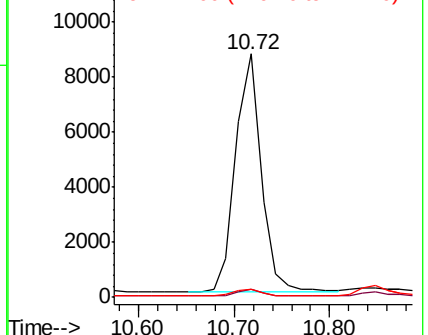
127 3.5 2.8 4.2



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: 0.321 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE098245.D

Acq: 19 Nov 2018 9:51

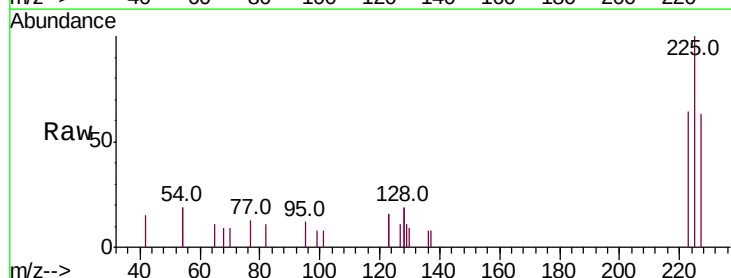
Tgt Ion:225 Resp: 900

Ion Ratio Lower Upper

225 100

223 63.0 50.5 75.7

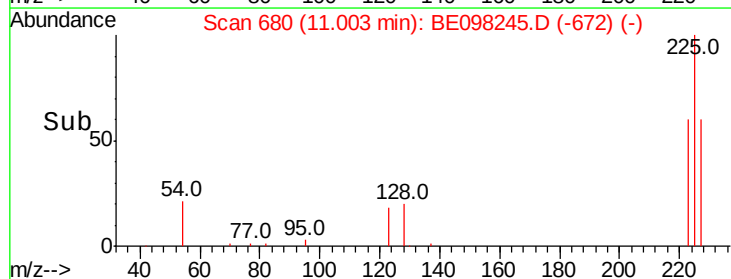
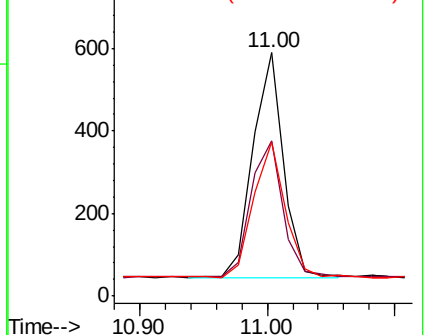
227 61.9 50.3 75.5

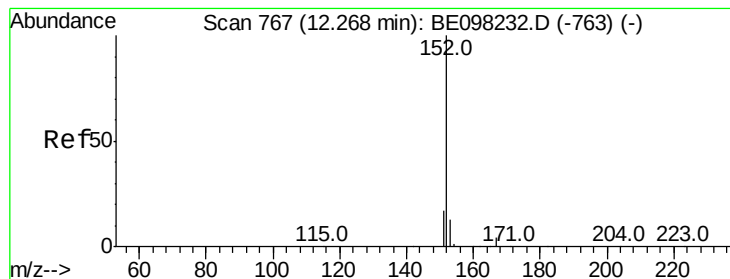


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.282 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098245.D

Acq: 19 Nov 2018 9:51

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ClientSampleId :

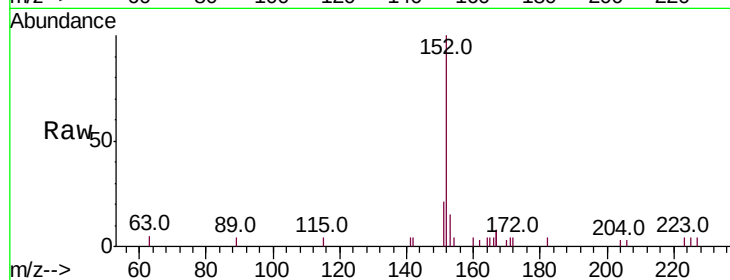
PB114879BS

Tot Ion:152 Resp: 2321

Ion Ratio Lower Upper

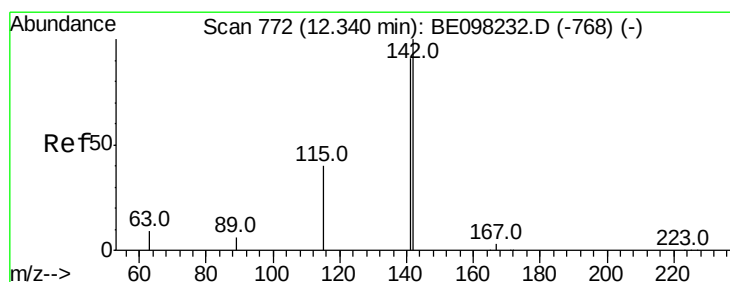
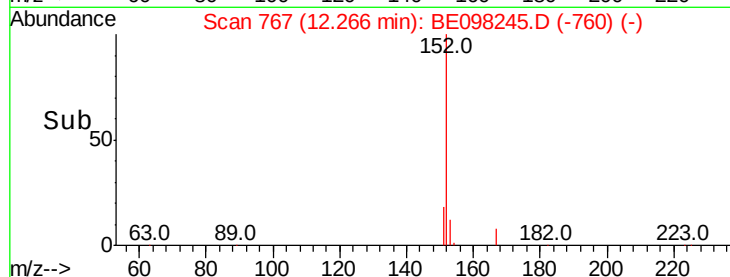
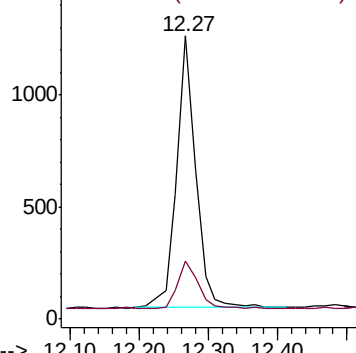
152 100

151 19.8 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.313 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098245.D

Acq: 19 Nov 2018 9:51

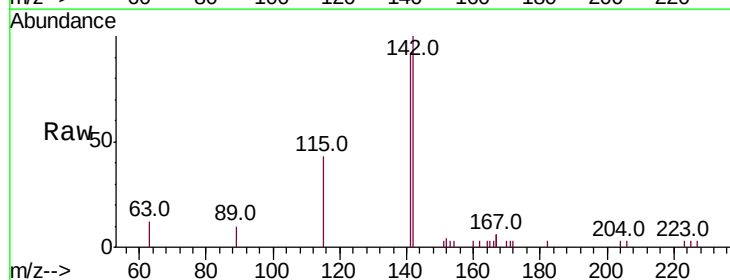
Tgt Ion:142 Resp: 2637

Ion Ratio Lower Upper

142 100

141 92.4 76.3 114.5

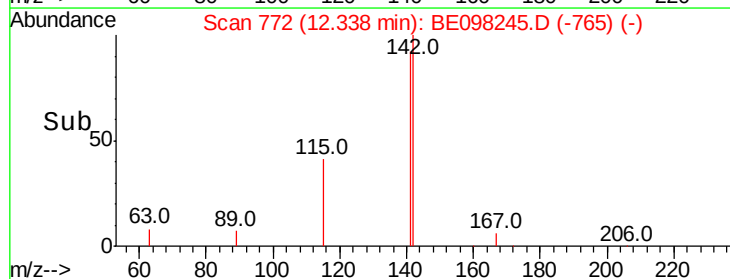
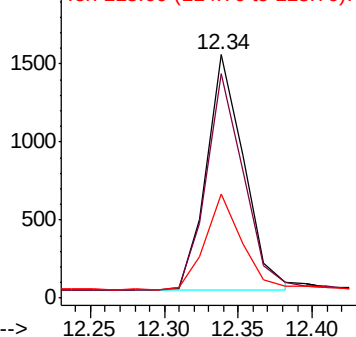
115 43.0 35.8 53.8

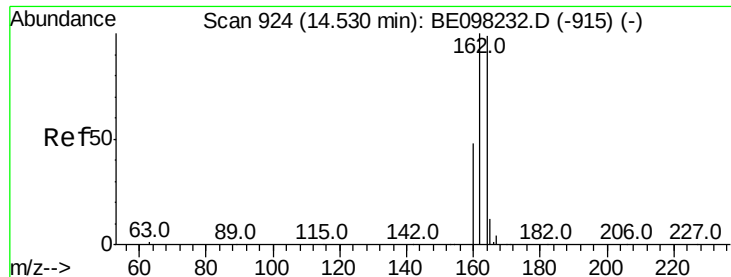


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

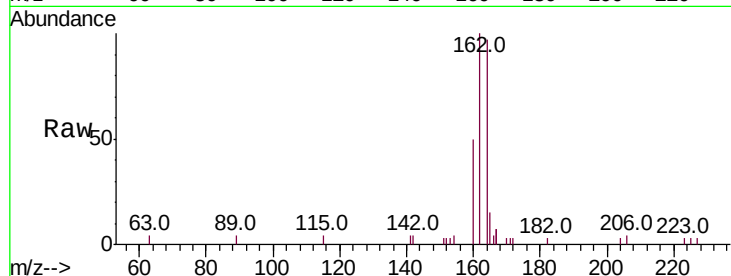




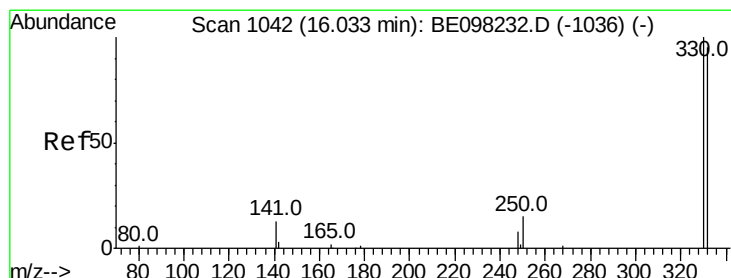
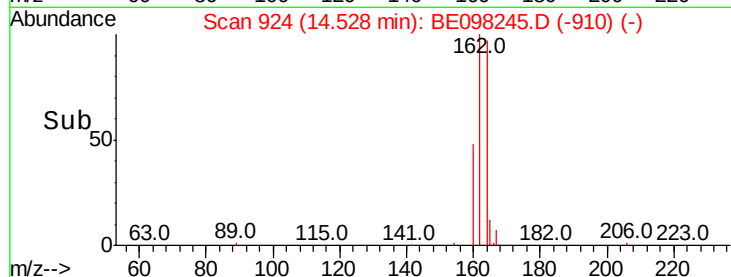
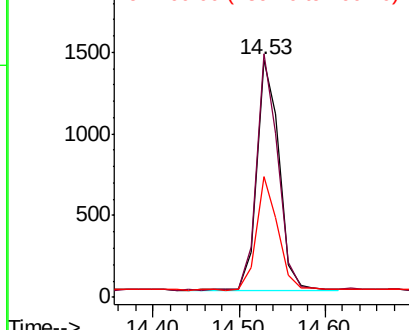
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Instrument :
BNA_E
ClientSampleId :
PB114879BS

Tot Ion:164 Resp: 2528
Ion Ratio Lower Upper
164 100
162 102.6 81.8 122.6
160 50.9 39.4 59.0

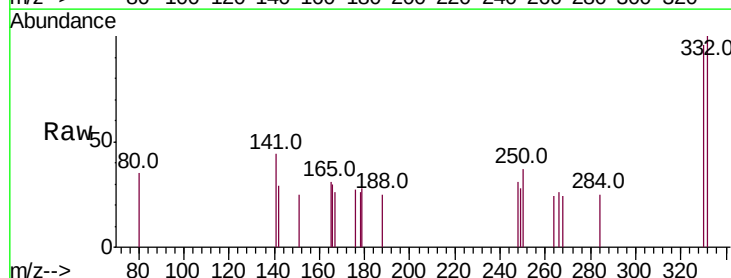


Abundance Ion 164.00 (163.70 to 164.70): E
2000 Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

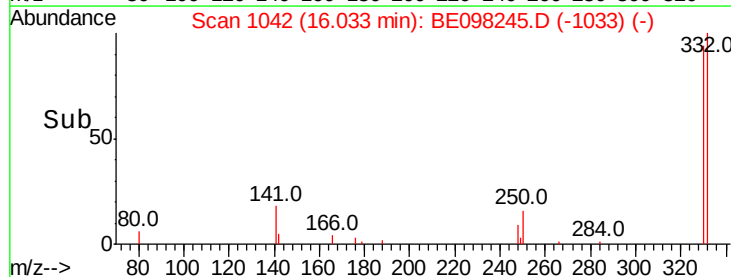
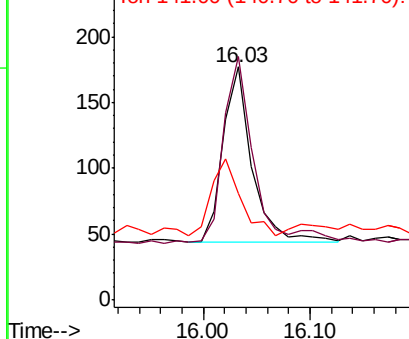


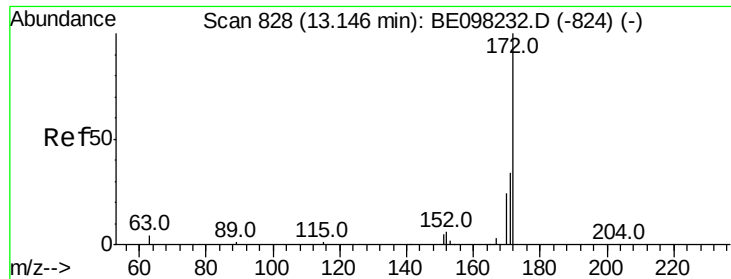
#14
2,4,6-Tribromophenol
Concen: 0.306 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Tgt Ion:330 Resp: 249
Ion Ratio Lower Upper
330 100
332 106.0 77.7 116.5
141 43.8 33.6 50.4



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

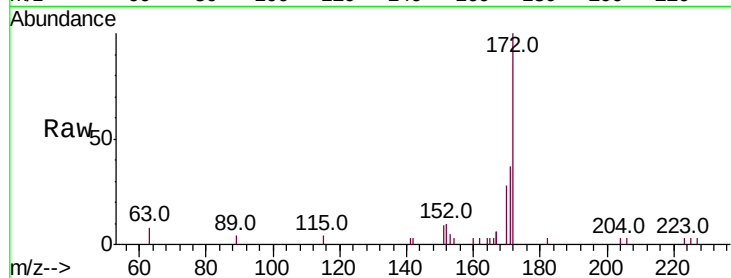




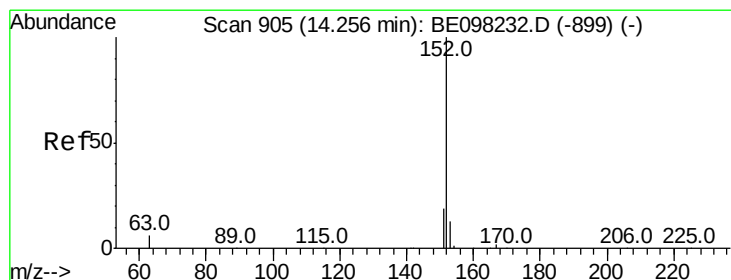
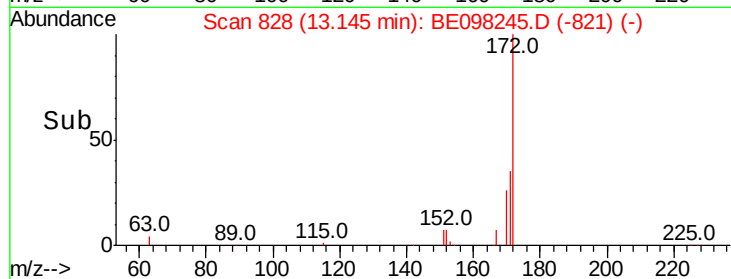
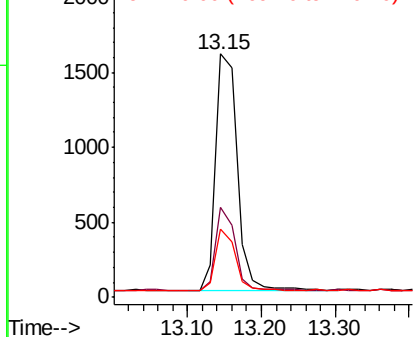
#15
2-Fluorobiphenyl
Concen: 0.293 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Instrument :
BNA_E
ClientSampleId :
PB114879BS

Tot Ion:172 Resp: 3222
Ion Ratio Lower Upper
172 100
171 37.0 27.3 40.9
170 27.8 19.4 29.0

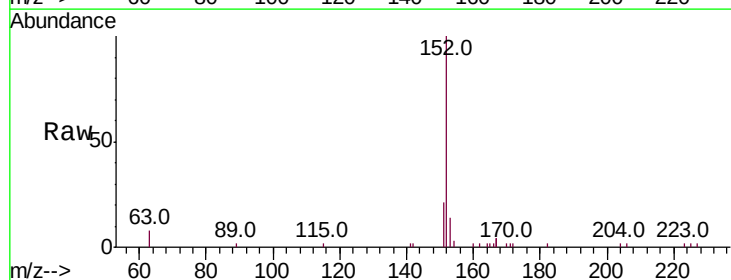


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

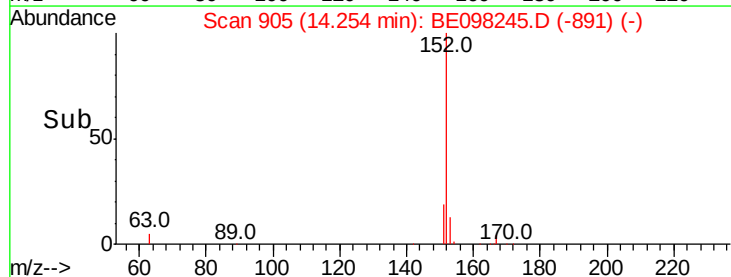
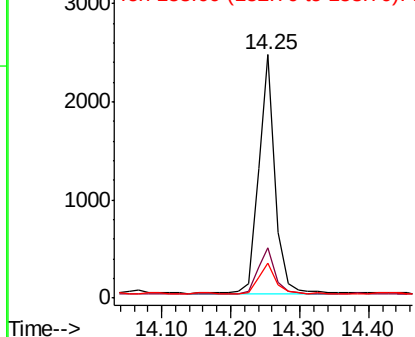


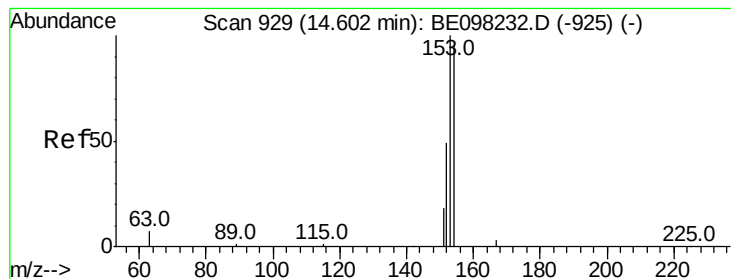
#16
Acenaphthylene
Concen: 0.334 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Tgt Ion:152 Resp: 4024
Ion Ratio Lower Upper
152 100
151 19.6 16.4 24.6
153 13.5 10.6 15.8



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: 0.320 ng

RT: 14.60 min Scan# 929

Delta R.T. -0.00 min

Lab File: BE098245.D

Acq: 19 Nov 2018 9:51

Instrument :

BNA_E

ClientSampleId :

PB114879BS

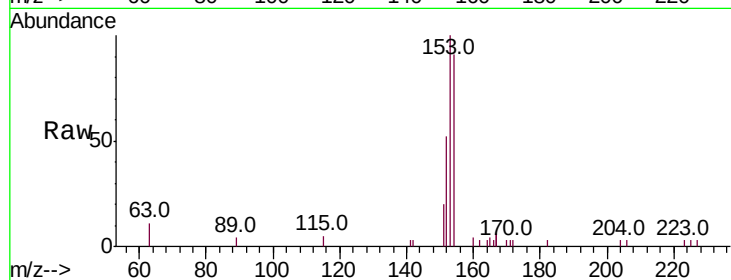
Tot Ion:154 Resp: 2303

Ion Ratio Lower Upper

154 100

153 115.6 92.1 138.1

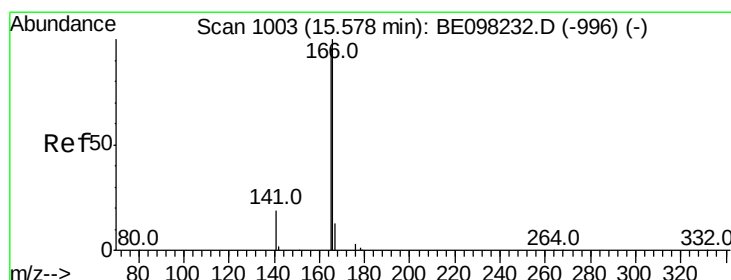
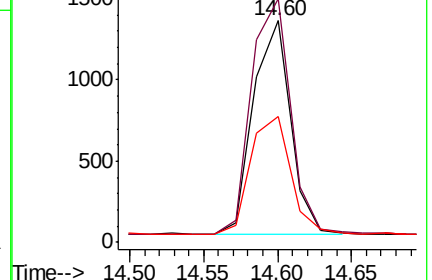
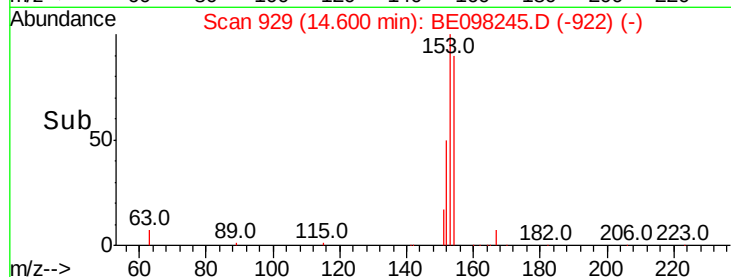
152 59.6 46.2 69.2



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: 0.347 ng

RT: 15.58 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BE098245.D

Acq: 19 Nov 2018 9:51

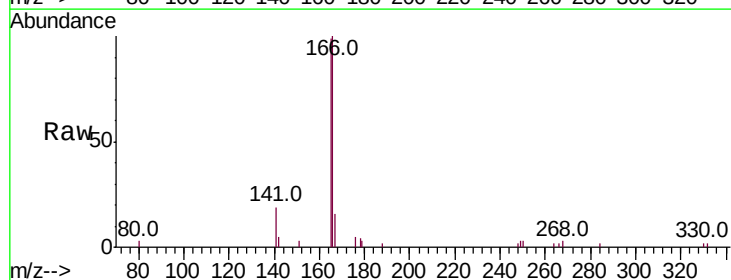
Tgt Ion:166 Resp: 3182

Ion Ratio Lower Upper

166 100

165 99.8 80.1 120.1

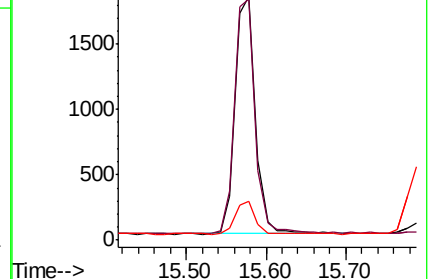
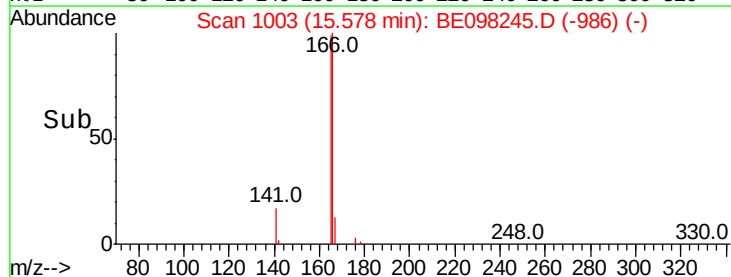
167 13.9 10.8 16.2

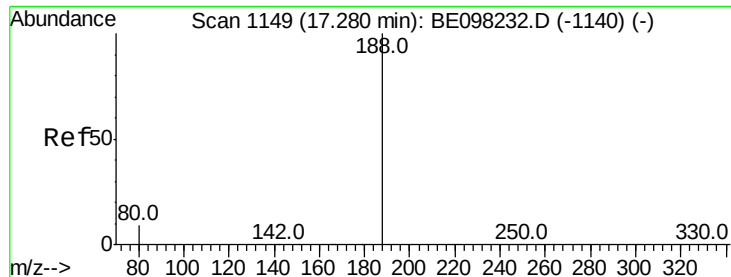


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE098245.D

Acq: 19 Nov 2018 9:51

Instrument :

BNA_E

ClientSampleId :

PB114879BS

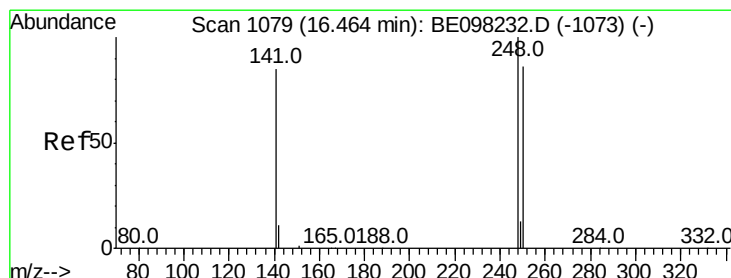
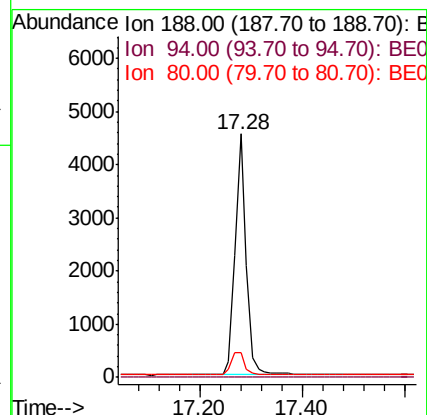
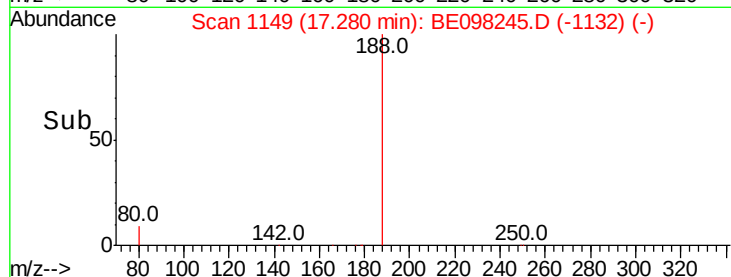
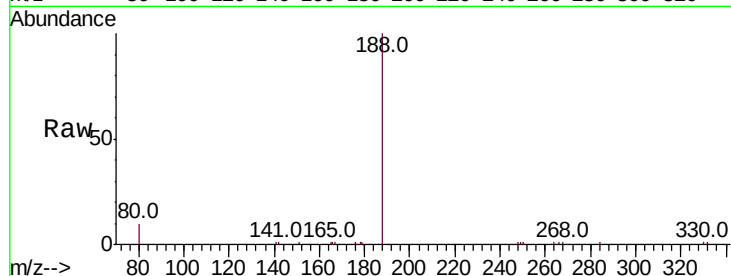
Tot Ion:188 Resp: 6884

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.0 6.7 10.1



#20

4-Bromophenyl-phenylether

Concen: 0.280 ng

RT: 16.46 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BE098245.D

Acq: 19 Nov 2018 9:51

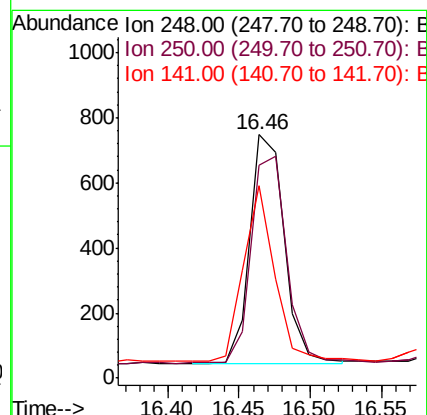
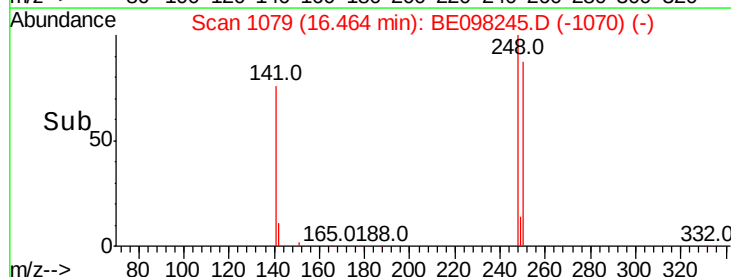
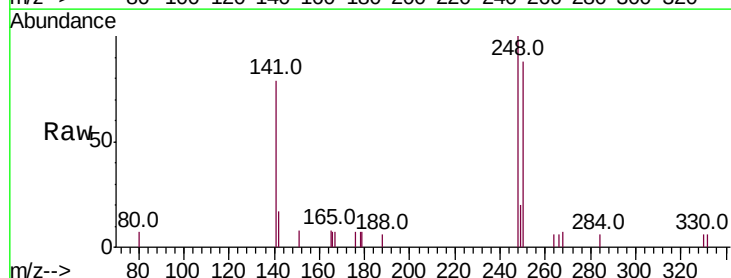
Tgt Ion:248 Resp: 1194

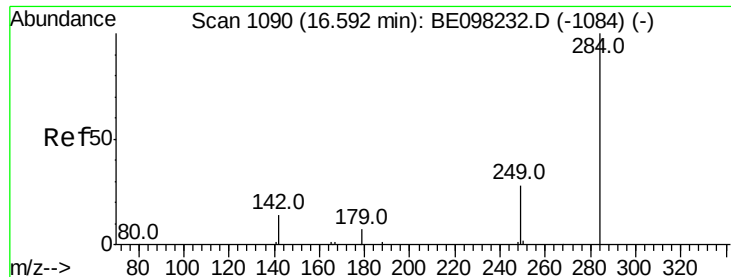
Ion Ratio Lower Upper

248 100

250 87.6 77.6 116.4

141 79.0 65.8 98.8





#21

Hexachlorobenzene

Concen: 0.270 ng

RT: 16.59 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BE098245.D

Acq: 19 Nov 2018 9:51

Instrument :

BNA_E

ClientSampleId :

PB114879BS

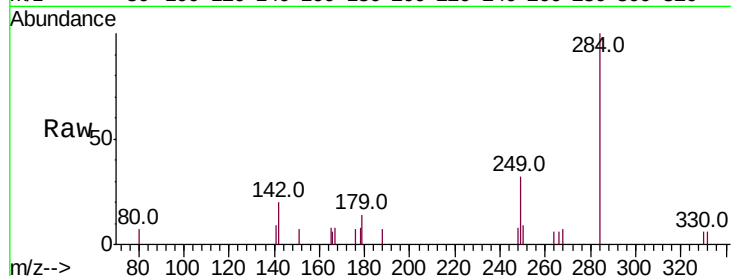
Tot Ion:284 Resp: 1187

Ion Ratio Lower Upper

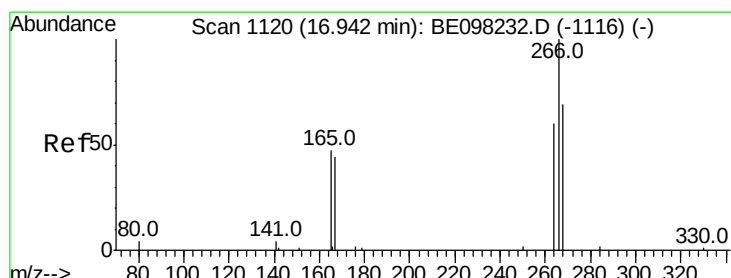
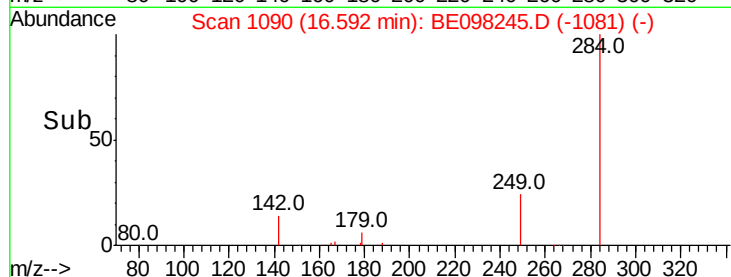
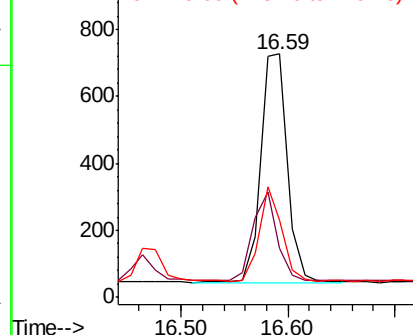
284 100

142 35.3 26.5 39.7

249 34.8 28.4 42.6



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: 0.556 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098245.D

Acq: 19 Nov 2018 9:51

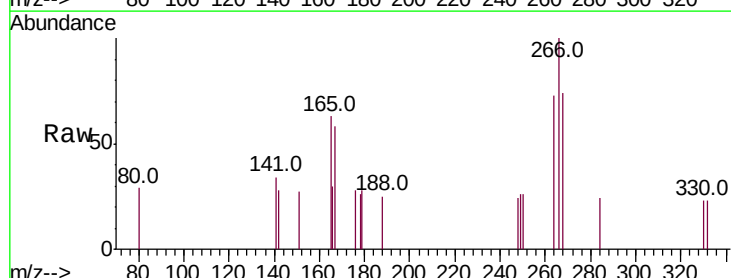
Tgt Ion:266 Resp: 391

Ion Ratio Lower Upper

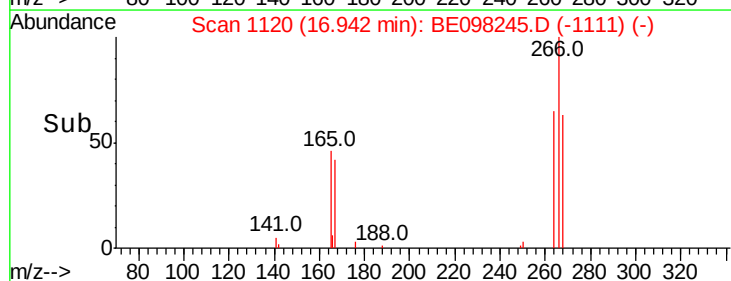
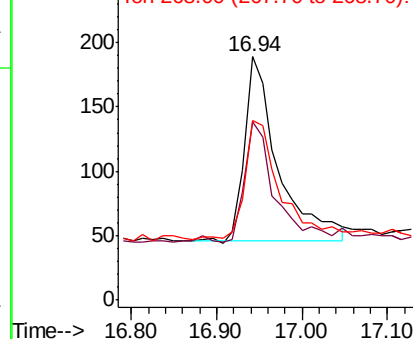
266 100

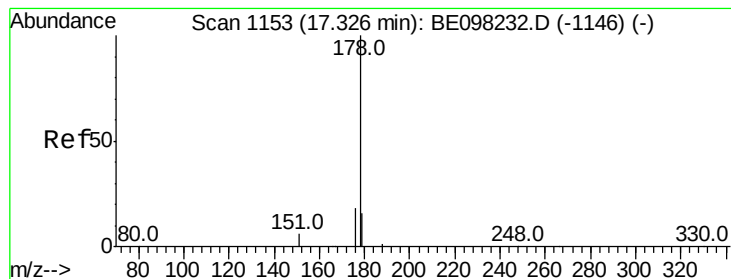
264 73.0 57.6 86.4

268 73.5 56.8 85.2



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: 0.341 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BE098245.D

Acq: 19 Nov 2018 9:51

Instrument :

BNA_E

ClientSampleId :

PB114879BS

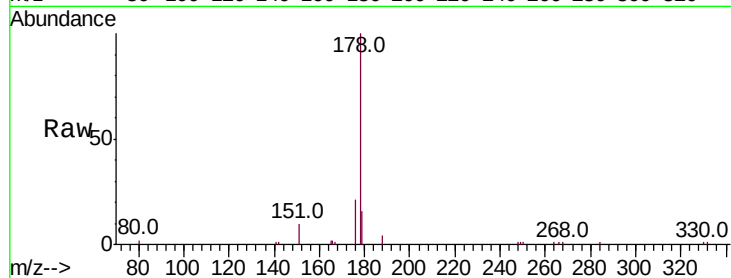
Tot Ion:178 Resp: 6042

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

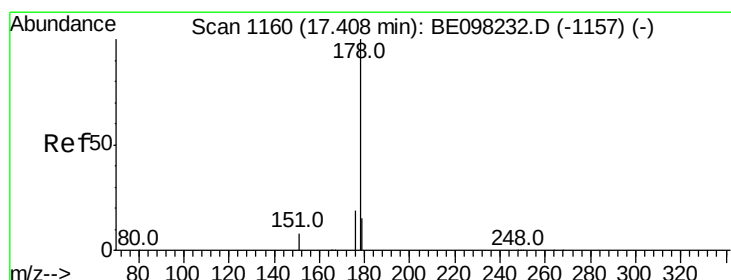
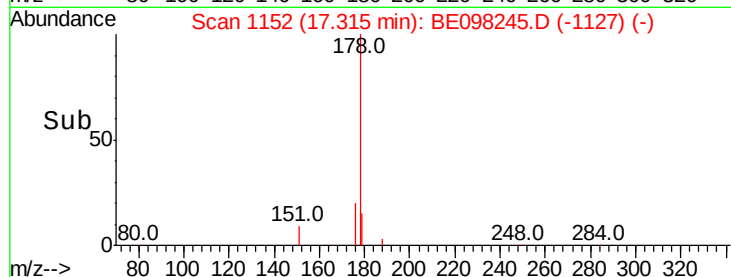
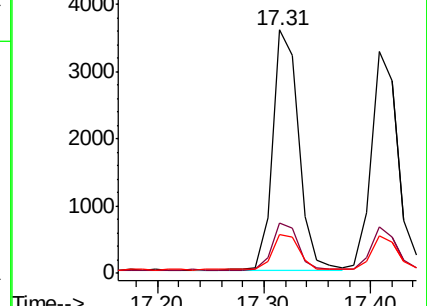
179 15.6 12.3 18.5



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: 0.343 ng

RT: 17.41 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE098245.D

Acq: 19 Nov 2018 9:51

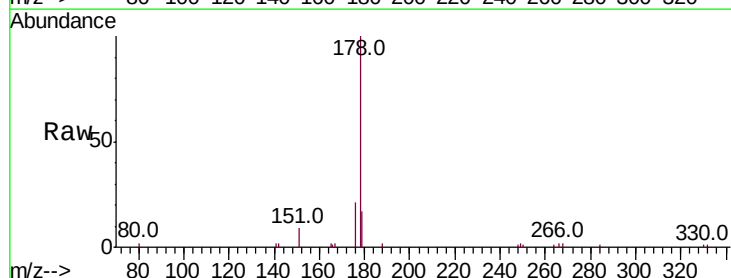
Tgt Ion:178 Resp: 5519

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

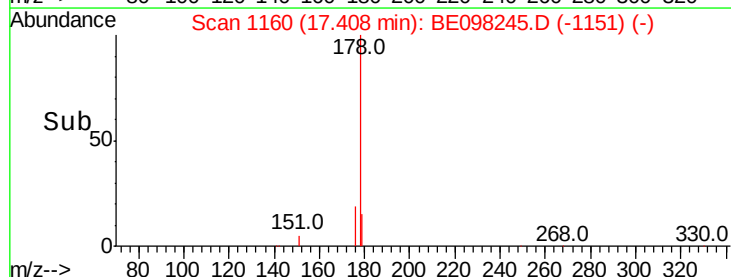
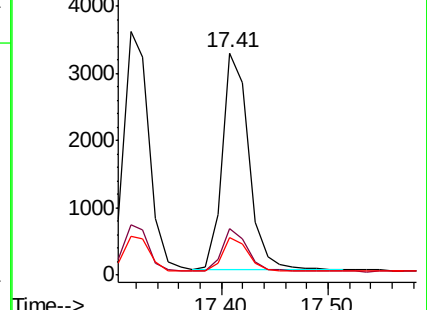
179 15.7 12.1 18.1

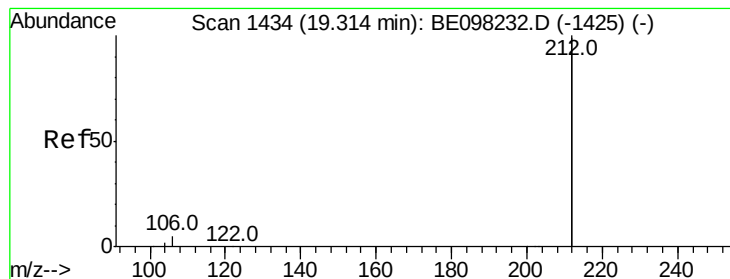


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.371 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE098245.D

Acq: 19 Nov 2018 9:51

Instrument :

BNA_E

ClientSampleId :

PB114879BS

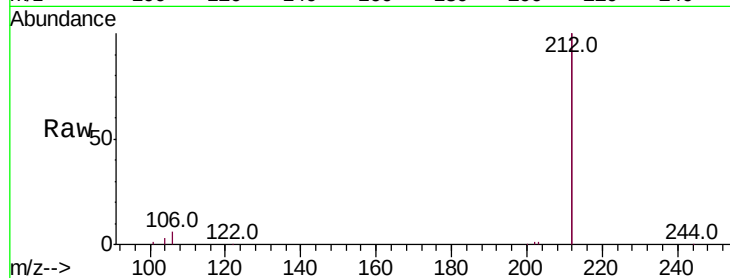
Tot Ion:212 Resp: 31090

Ion Ratio Lower Upper

212 100

106 2.7 1.8 2.8

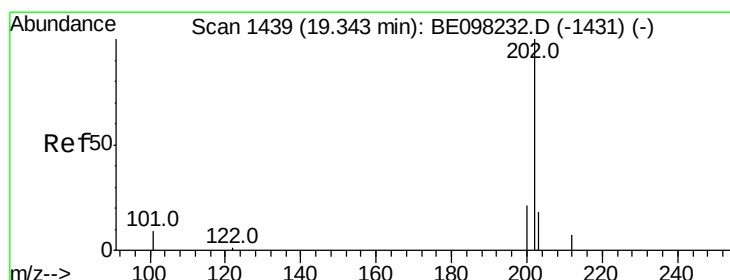
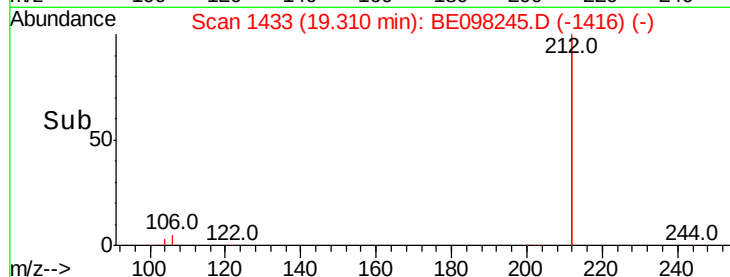
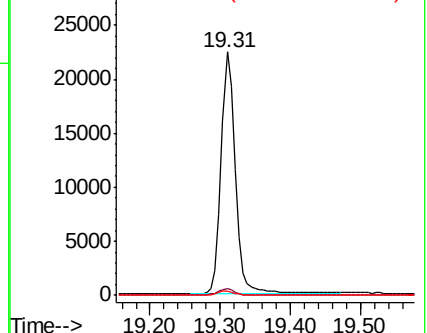
104 1.5 1.1 1.7



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: 0.391 ng

RT: 19.34 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BE098245.D

Acq: 19 Nov 2018 9:51

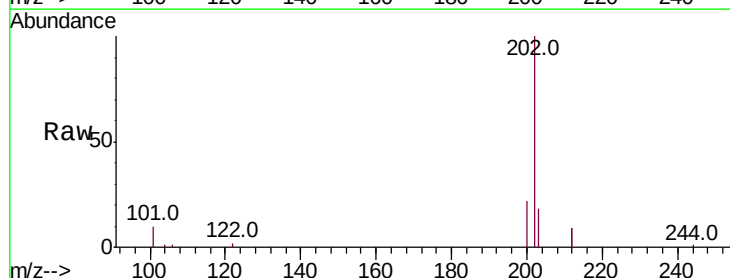
Tgt Ion:202 Resp: 8311

Ion Ratio Lower Upper

202 100

101 9.6 7.0 10.6

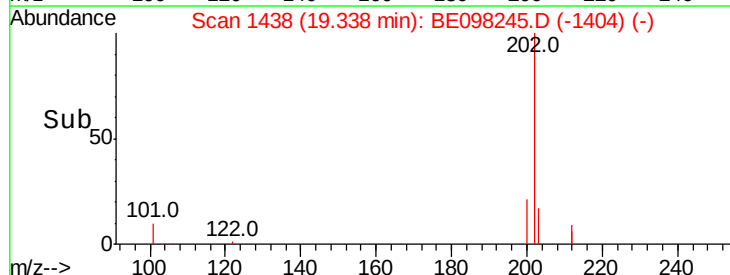
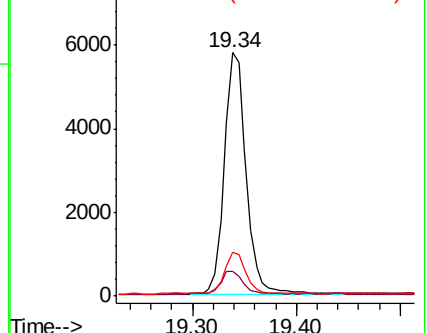
203 17.1 13.7 20.5

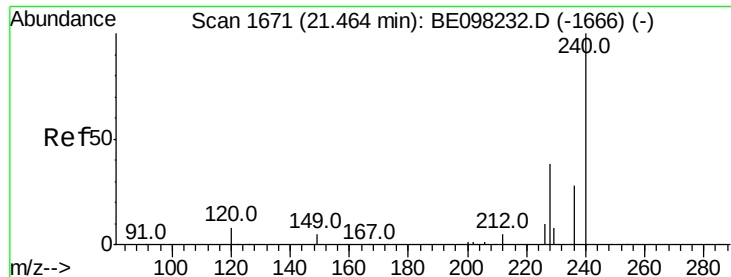


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE098245.D

Acq: 19 Nov 2018 9:51

Instrument :

BNA_E

ClientSampleId :

PB114879BS

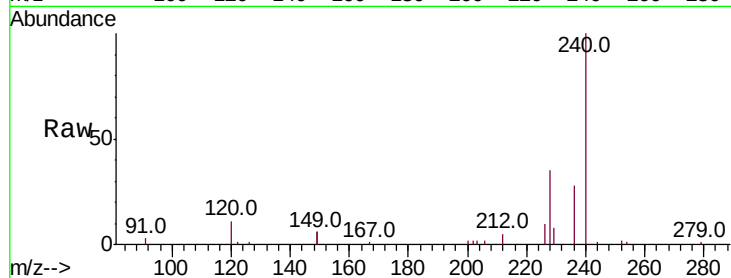
Tot Ion:240 Resp: 8975

Ion Ratio Lower Upper

240 100

120 10.7 4.8 7.2#

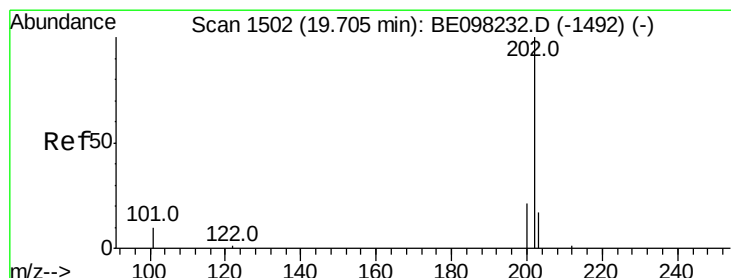
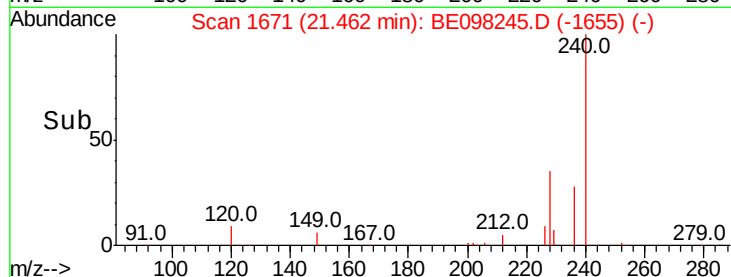
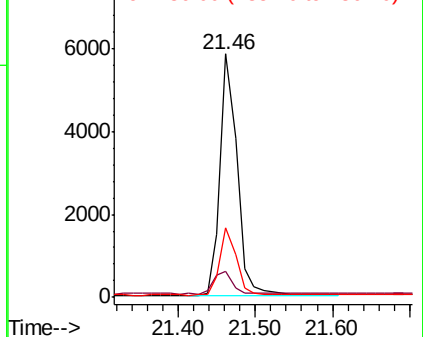
236 28.5 21.4 32.0



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: 0.322 ng

RT: 19.70 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BE098245.D

Acq: 19 Nov 2018 9:51

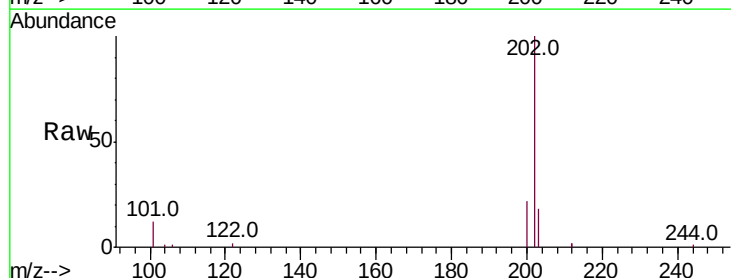
Tgt Ion:202 Resp: 8451

Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

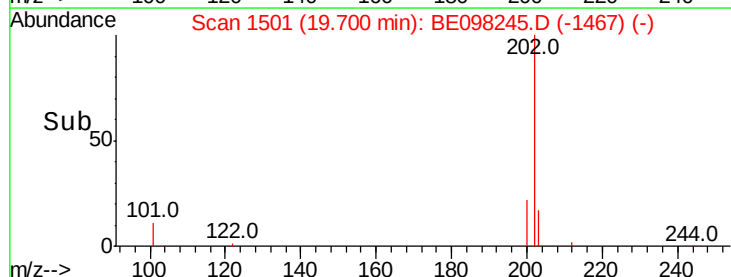
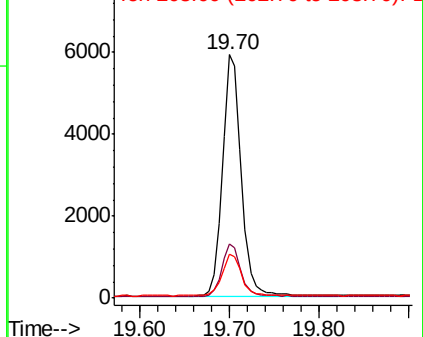
203 17.8 14.2 21.4

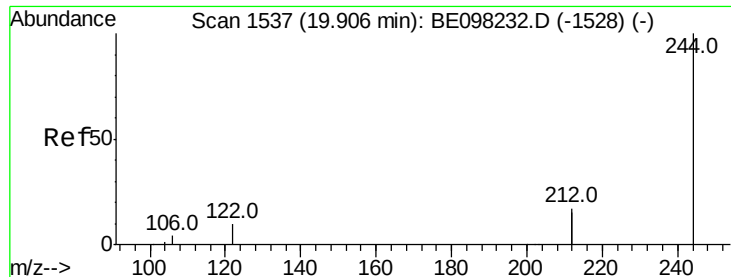


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.278 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098245.D

Acq: 19 Nov 2018 9:51

Instrument :

BNA_E

ClientSampleId :

PB114879BS

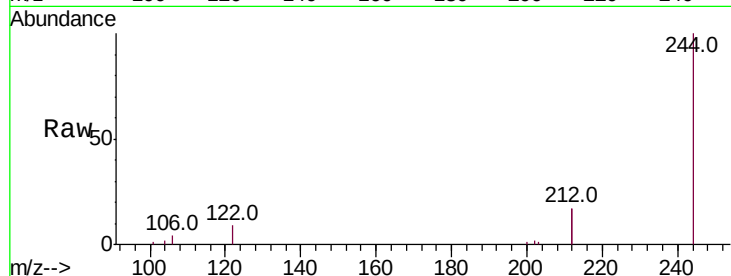
Tot Ion:244 Resp: 5738

Ion Ratio Lower Upper

244 100

212 34.3 26.8 40.2

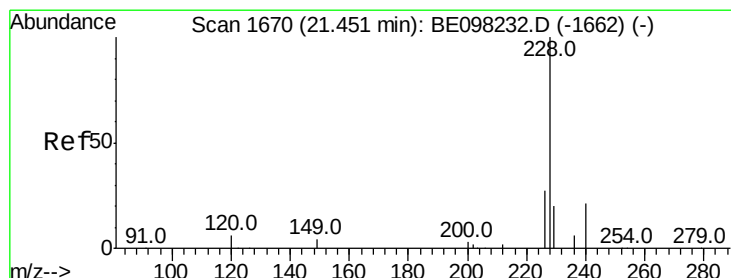
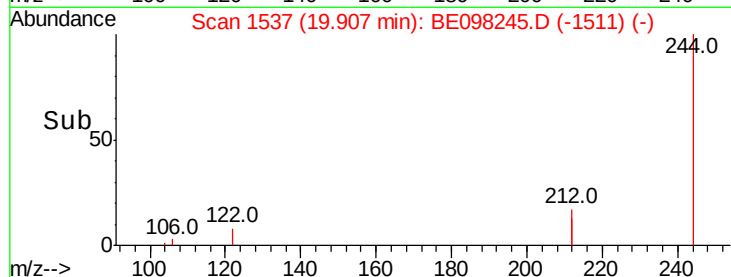
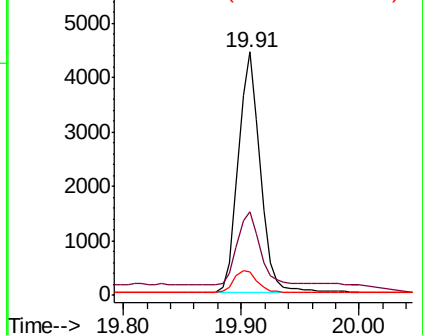
122 9.4 7.0 10.6



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: 0.345 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098245.D

Acq: 19 Nov 2018 9:51

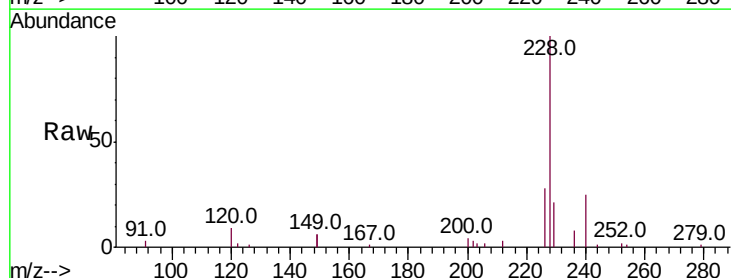
Tgt Ion:228 Resp: 8957

Ion Ratio Lower Upper

228 100

226 27.5 20.7 31.1

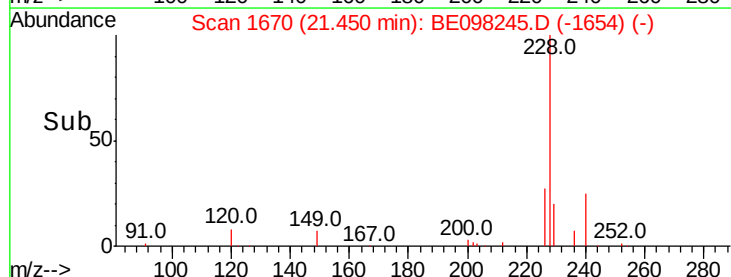
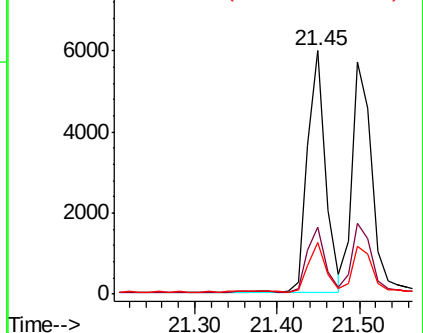
229 21.3 16.2 24.4

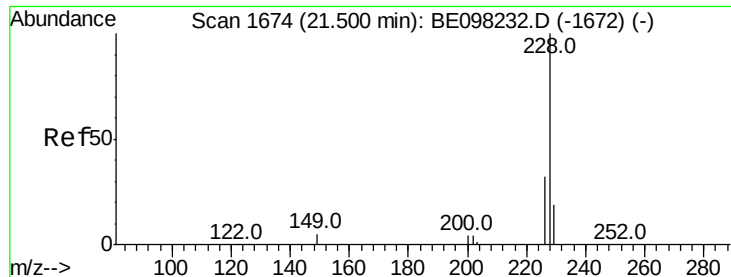


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.342 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098245.D

Acq: 19 Nov 2018 9:51

Instrument :

BNA_E

ClientSampleId :

PB114879BS

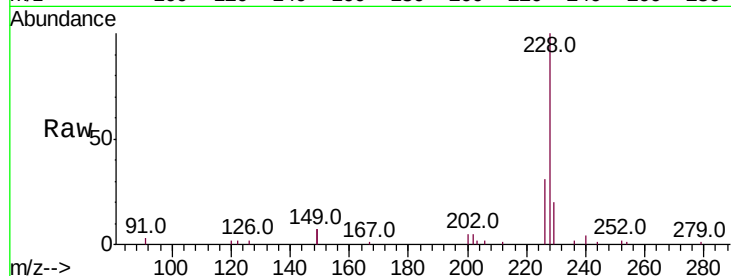
Tot Ion:228 Resp: 9126

Ion Ratio Lower Upper

228 100

226 30.7 24.6 36.8

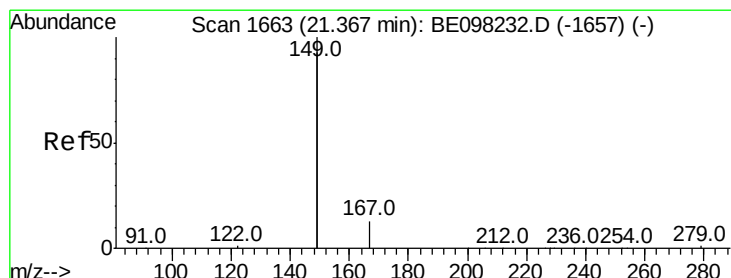
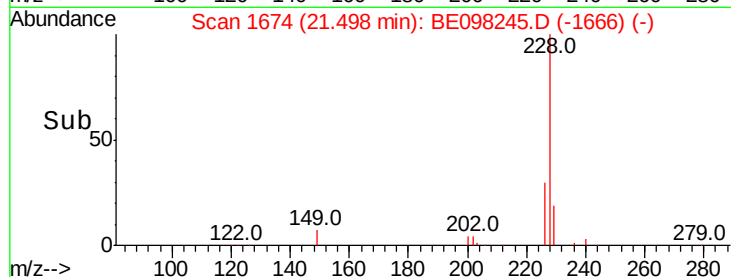
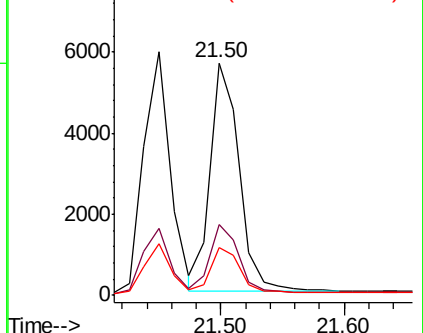
229 20.3 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.377 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098245.D

Acq: 19 Nov 2018 9:51

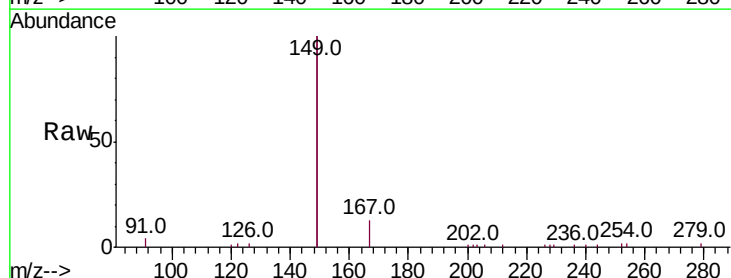
Tgt Ion:149 Resp: 15261

Ion Ratio Lower Upper

149 100

167 7.0 5.6 8.4

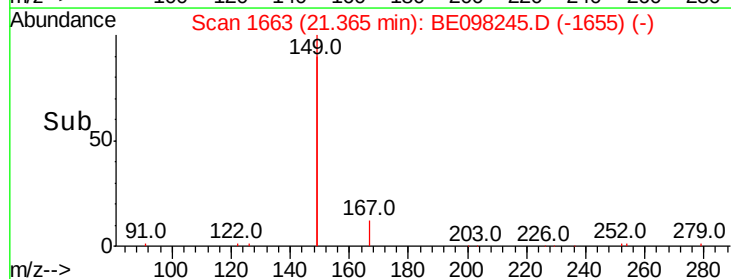
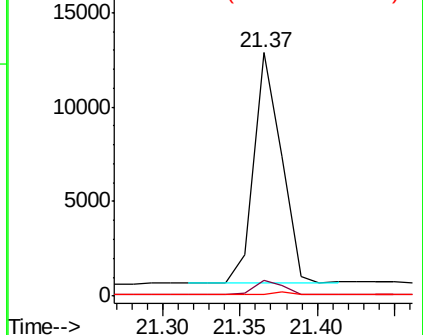
279 1.2 0.9 1.3

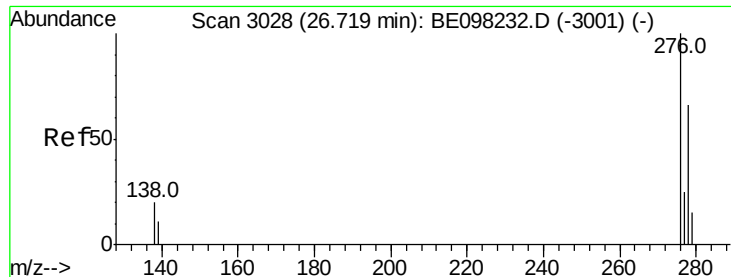


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

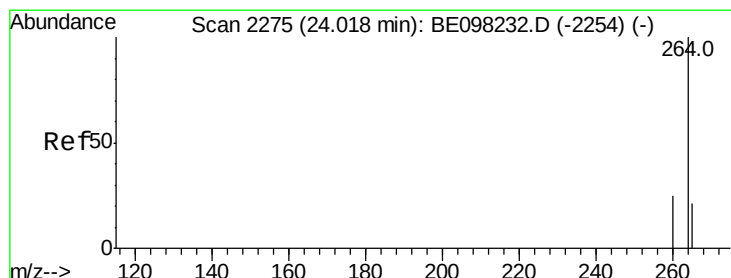
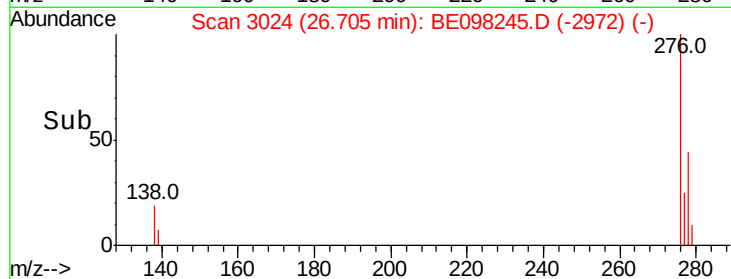
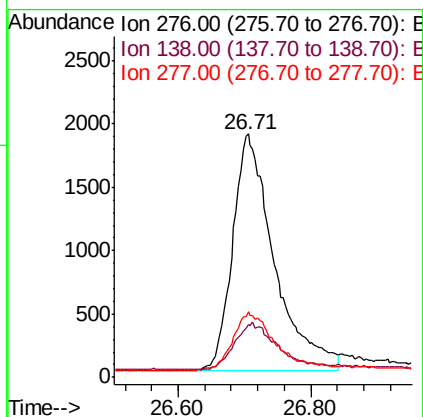
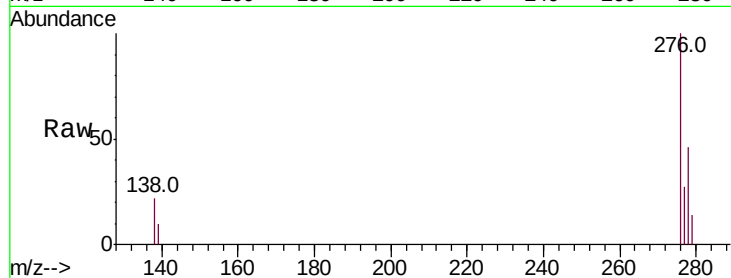




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.357 ng
 RT: 26.71 min Scan# 3024
 Delta R.T. -0.01 min
 Lab File: BE098245.D
 Acq: 19 Nov 2018 9:51

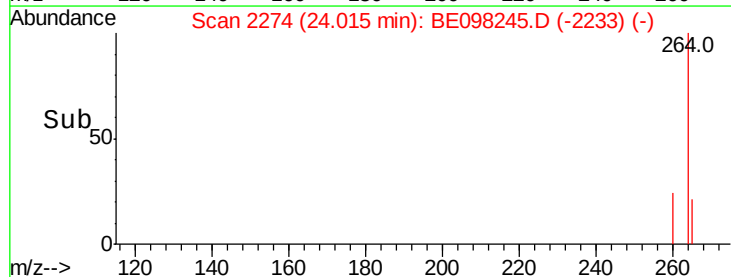
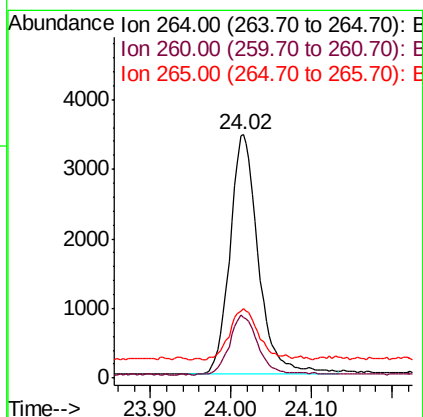
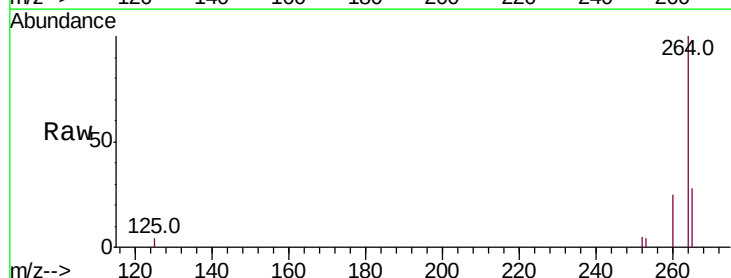
Instrument :
 BNA_E
 ClientSampleId :
 PB114879BS

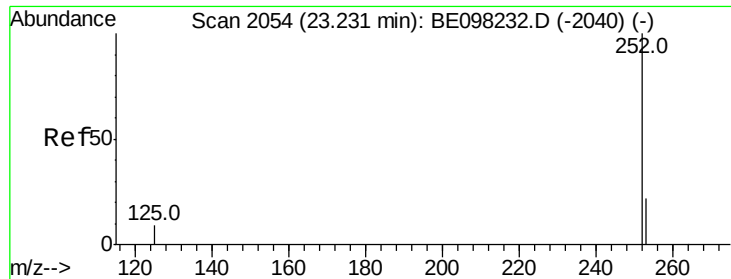
Tot Ion:276 Resp: 8173
 Ion Ratio Lower Upper
 276 100
 138 19.8 6.4 9.6#
 277 24.9 18.9 28.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.02 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: BE098245.D
 Acq: 19 Nov 2018 9:51

Tgt Ion:264 Resp: 8426
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.9 29.9
 265 28.3 21.3 31.9





#35

Benzo(b)fluoranthene

Concen: 0.357 ng

RT: 23.23 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BE098245.D

Acq: 19 Nov 2018 9:51

Instrument :

BNA_E

ClientSampleId :

PB114879BS

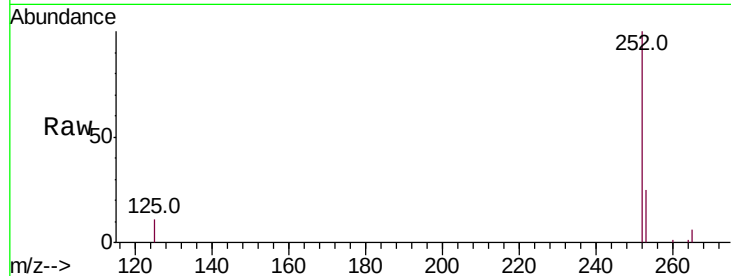
Tot Ion:252 Resp: 8498

Ion Ratio Lower Upper

252 100

253 24.7 19.4 29.0

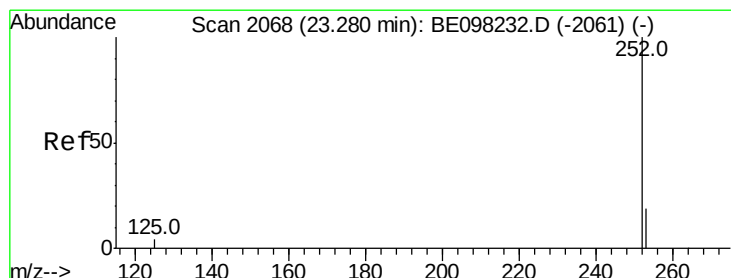
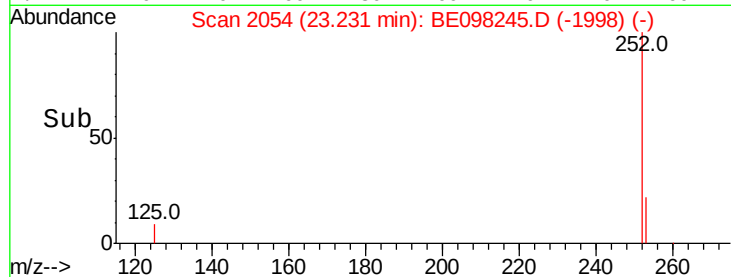
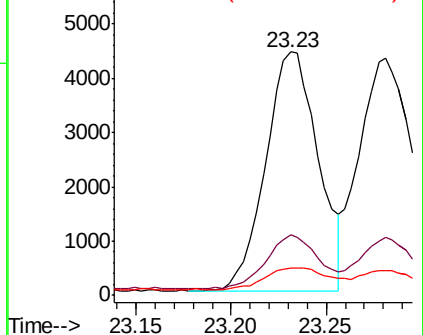
125 11.3 8.6 12.8



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



#36

Benzo(k)fluoranthene

Concen: 0.332 ng

RT: 23.28 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BE098245.D

Acq: 19 Nov 2018 9:51

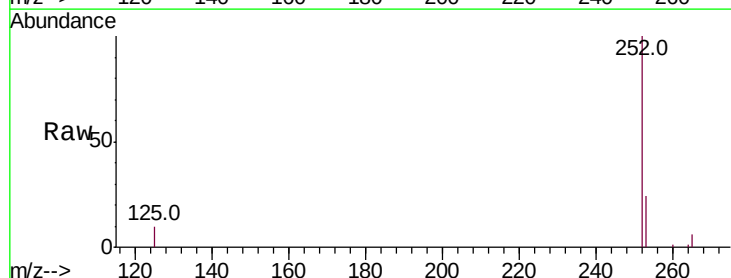
Tgt Ion:252 Resp: 8929

Ion Ratio Lower Upper

252 100

253 24.3 18.6 28.0

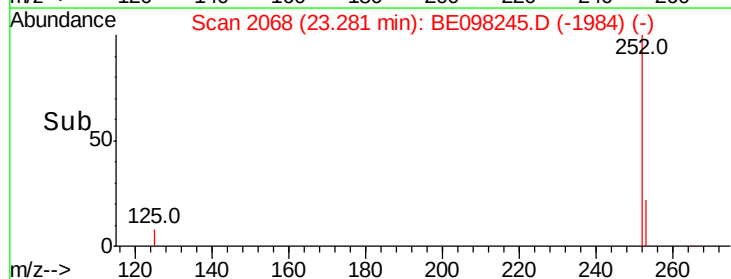
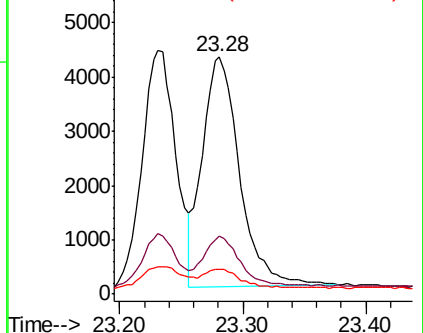
125 10.4 7.4 11.0

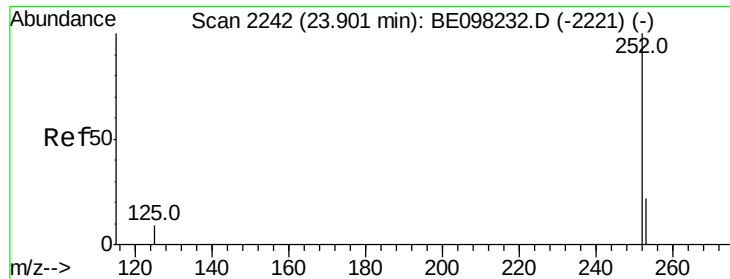


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.354 ng

RT: 23.90 min Scan# 2241

Delta R.T. -0.00 min

Lab File: BE098245.D

Acq: 19 Nov 2018 9:51

Instrument :

BNA_E

ClientSampleId :

PB114879BS

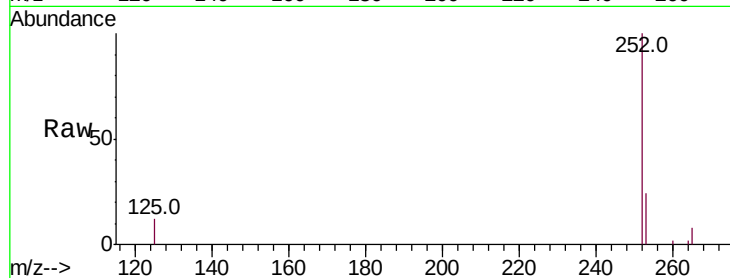
Tot Ion:252 Resp: 8269

Ion Ratio Lower Upper

252 100

253 24.5 18.6 27.8

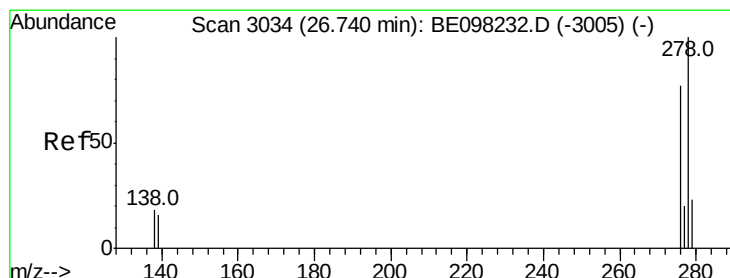
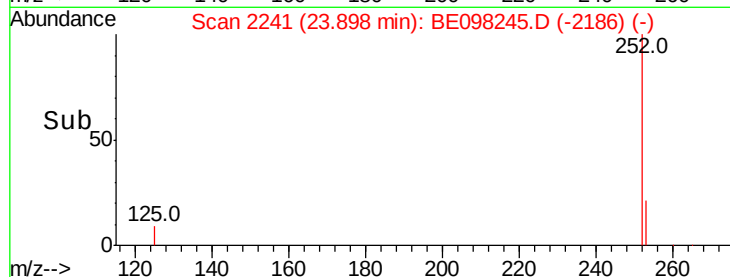
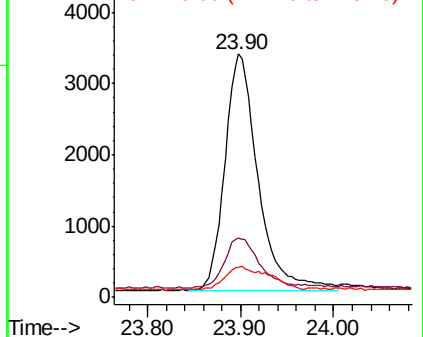
125 12.4 8.0 12.0#



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: 0.337 ng

RT: 26.73 min Scan# 3031

Delta R.T. -0.01 min

Lab File: BE098245.D

Acq: 19 Nov 2018 9:51

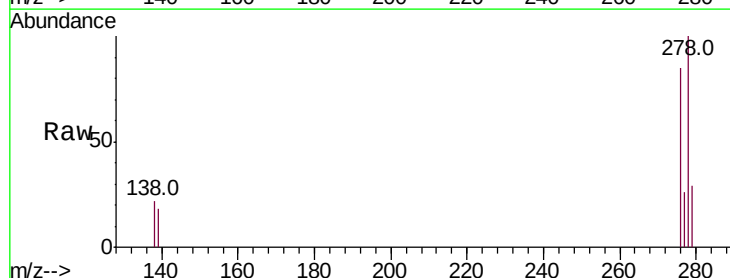
Tgt Ion:278 Resp: 6303

Ion Ratio Lower Upper

278 100

139 17.8 16.4 24.6

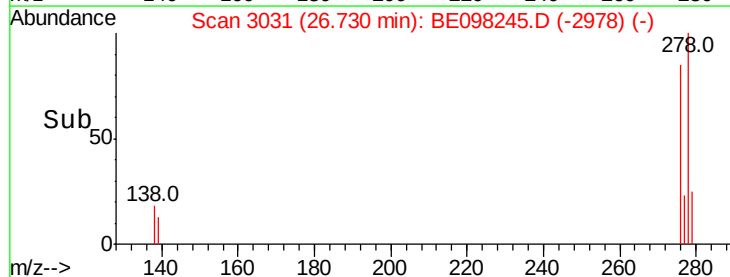
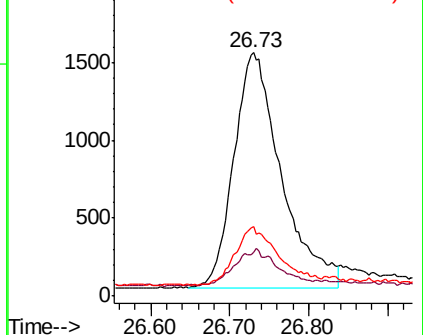
279 28.6 21.3 31.9

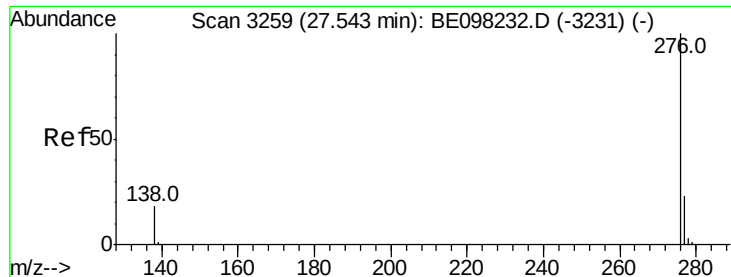


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.351 ng

RT: 27.54 min Scan# 3257

Delta R.T. -0.01 min

Lab File: BE098245.D

Acq: 19 Nov 2018 9:51

Instrument :

BNA_E

ClientSampleId :

PB114879BS

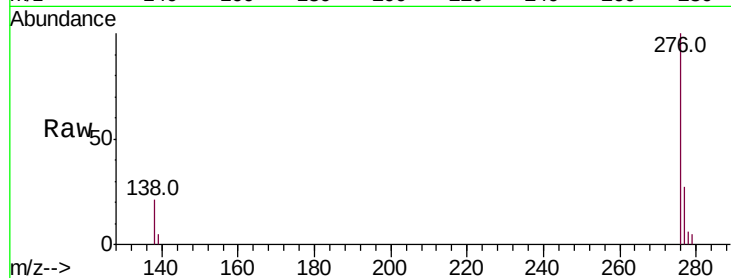
Tot Ion:276 Resp: 7079

Ion Ratio Lower Upper

276 100

277 27.0 20.4 30.6

138 21.2 13.2 19.8#



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

