

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE113018\
 Data File : BE098286.D
 Acq On : 30 Nov 2018 14:46
 Operator : SJ/JU
 Sample : PB115203BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115203BS

Quant Time: Nov 30 15:17:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 29 13:50:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	1455	0.40	ng	0.02
7) Naphthalene-d8	10.68	136	5987	0.40	ng	0.01
13) Acenaphthene-d10	14.54	164	3209	0.40	ng	0.02
19) Phenanthrene-d10	17.29	188	7716	0.40	ng	0.01
27) Chrysene-d12	21.48	240	10744	0.40	ng	0.01
34) Perylene-d12	24.02	264	10568	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1276	0.33	ng	0.02
5) Phenol-d6	7.07	99	1556	0.28	ng	0.02
8) Nitrobenzene-d5	9.04	82	1768	0.29	ng	0.03
11) 2-Methylnaphthalene-d10	12.28	152	3396	0.35	ng	0.02
14) 2,4,6-Tribromophenol	16.03	330	357	0.23	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	4287	0.32	ng	0.02
25) Fluoranthene-d10	19.32	212	33595	0.32	ng	0.01
29) Terphenyl-d14	19.91	244	6006	0.25	ng	0.00

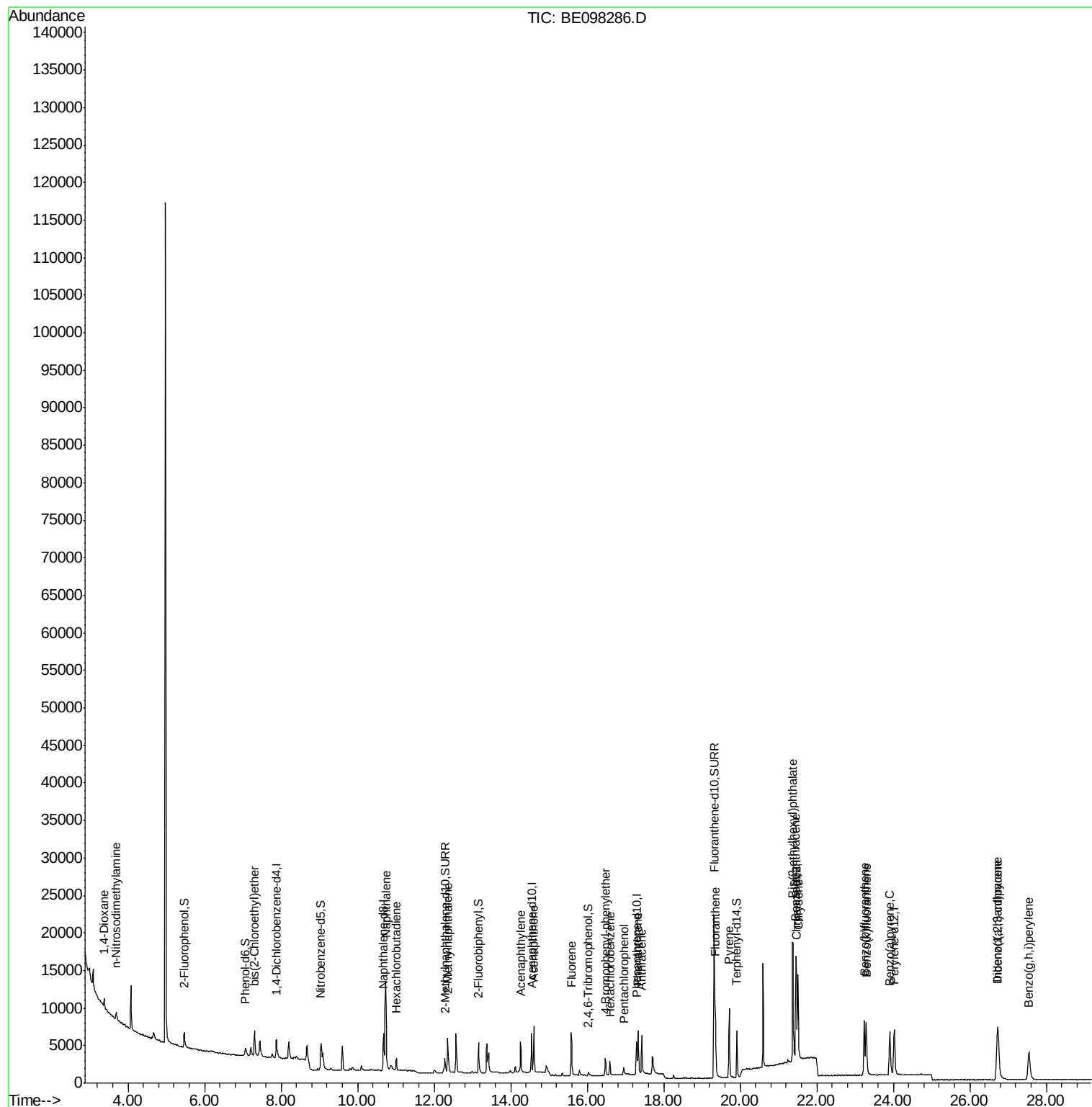
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	638	0.236	ng	# 50
3) n-Nitrosodimethylamine	3.69	42	950	0.340	ng	# 100
6) bis(2-Chloroethyl)ether	7.30	93	1460	0.290	ng	94
9) Naphthalene	10.73	128	21400	0.356	ng	99
10) Hexachlorobutadiene	11.02	225	1205	0.312	ng	98
12) 2-Methylnaphthalene	12.35	142	3465	0.347	ng	99
16) Acenaphthylene	14.26	152	5613	0.375	ng	99
17) Acenaphthene	14.60	154	3140	0.352	ng	100
18) Fluorene	15.58	166	4150	0.351	ng	99
20) 4-Bromophenyl-phenylether	16.48	248	1393	0.319	ng	91
21) Hexachlorobenzene	16.59	284	1450	0.321	ng	96
22) Pentachlorophenol	16.95	266	794	0.531	ng	93
23) Phenanthrene	17.33	178	6785	0.354	ng	99
24) Anthracene	17.42	178	6221	0.349	ng	99
26) Fluoranthene	19.35	202	9188	0.351	ng	100
28) Pyrene	19.71	202	9494	0.319	ng	100
30) Benzo(a)anthracene	21.45	228	11695	0.370	ng	99
31) Chrysene	21.51	228	11284	0.351	ng	100
32) Bis(2-ethylhexyl)phthalate	21.37	149	22435	0.296	ng	100
33) Indeno(1,2,3-cd)pyrene	26.71	276	12616	0.388	ng	99
35) Benzo(b)fluoranthene	23.24	252	11333	0.366	ng	99
36) Benzo(k)fluoranthene	23.29	252	11935	0.367	ng	98
37) Benzo(a)pyrene	23.91	252	10973	0.368	ng	99
38) Dibenzo(a,h)anthracene	26.74	278	10432	0.369	ng	99
39) Benzo(g,h,i)perylene	27.54	276	10798	0.381	ng	99

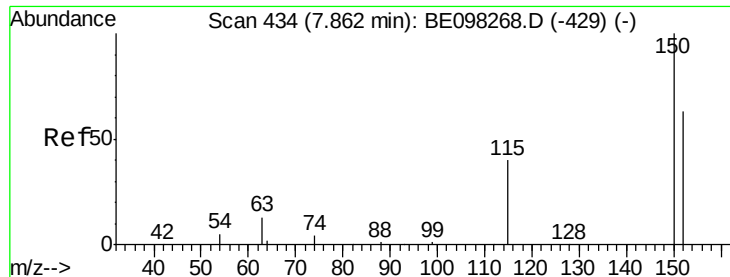
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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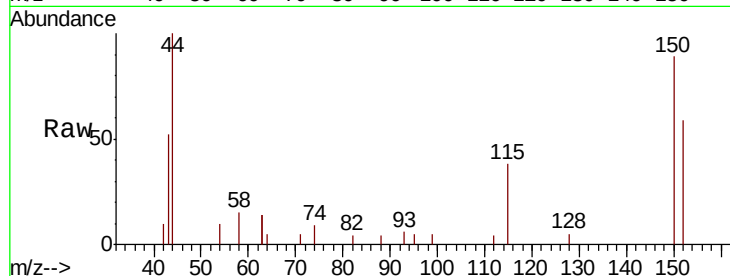


#1

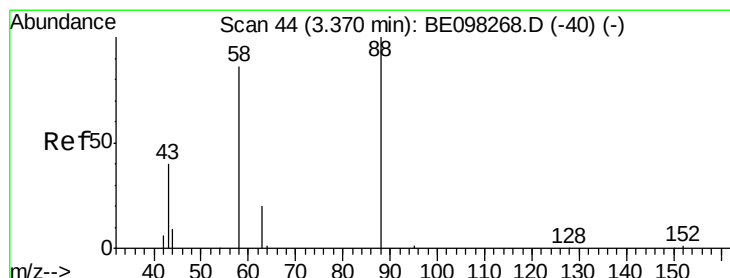
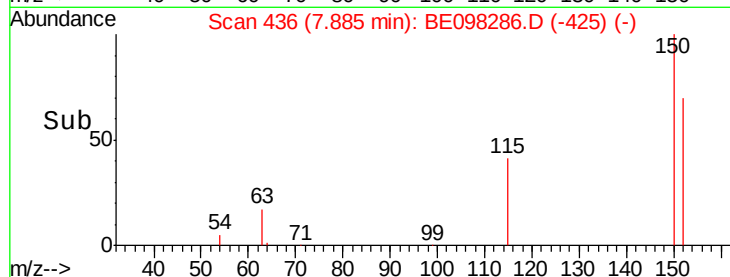
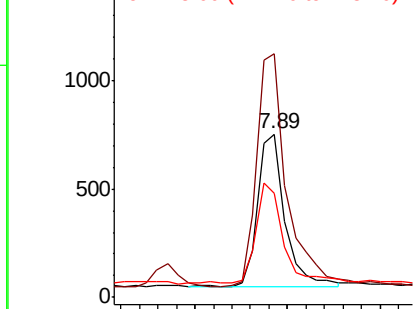
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. 0.02 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Instrument :
BNA_G
ClientSampleId :
PB115203BS

Tot Ion:152 Resp: 1455
Ion Ratio Lower Upper
152 100
150 149.1 124.2 186.4
115 63.4 53.9 80.9



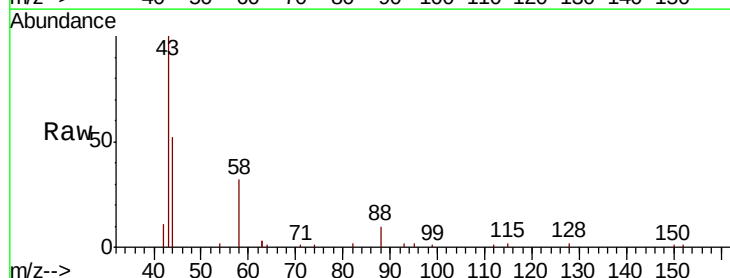
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



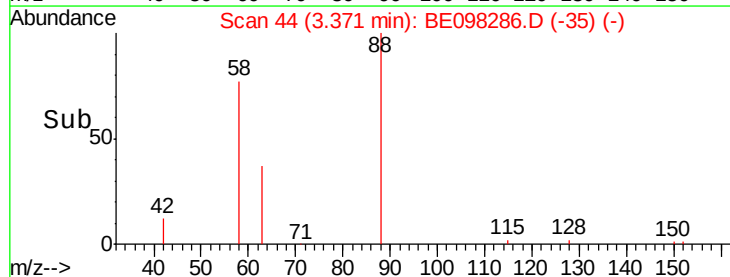
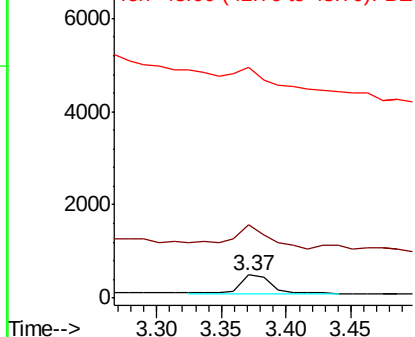
#2

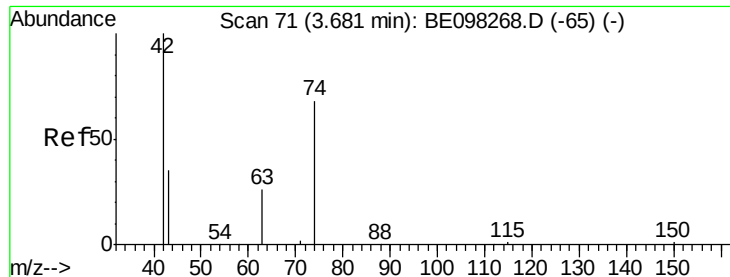
1,4-Dioxane
Concen: 0.236 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Tgt Ion: 88 Resp: 638
Ion Ratio Lower Upper
88 100
58 131.5 75.0 112.6#
43 0.0 38.3 57.5#



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: 0.340 ng

RT: 3.69 min Scan# 72

Delta R.T. 0.01 min

Lab File: BE098286.D

Acq: 30 Nov 2018 14:46

Instrument :

BNA_G

ClientSampleId :

PB115203BS

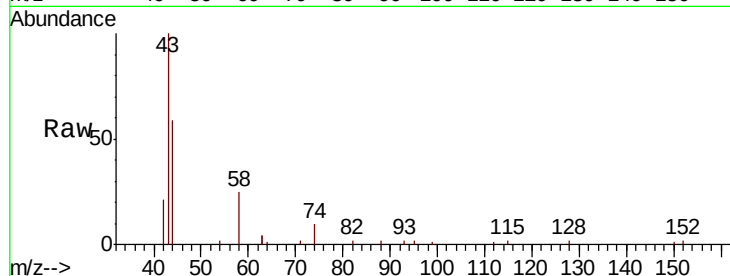
Tot Ion: 42 Resp: 950

Ion Ratio Lower Upper

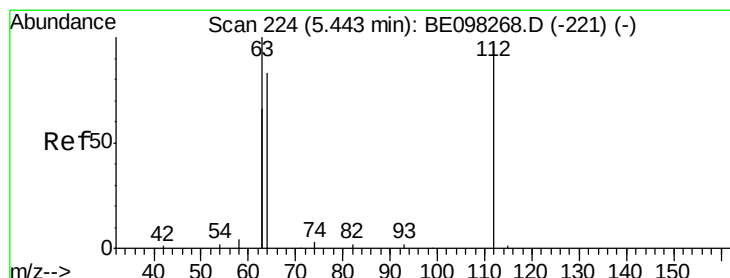
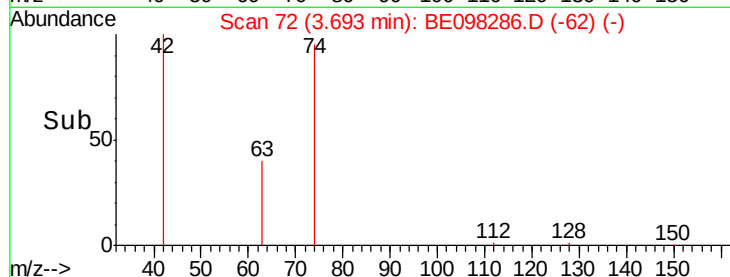
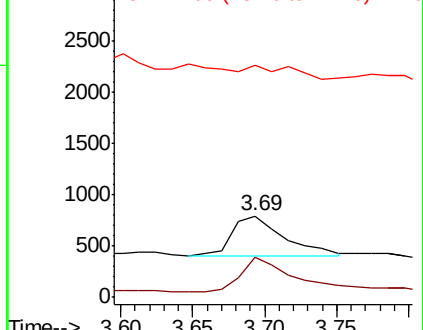
42 100

74 81.8 0.0 0.0#

44 27.6 0.0 0.0#



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: 0.328 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.02 min

Lab File: BE098286.D

Acq: 30 Nov 2018 14:46

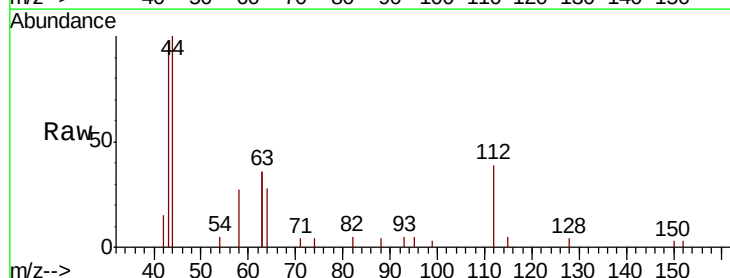
Tgt Ion: 112 Resp: 1276

Ion Ratio Lower Upper

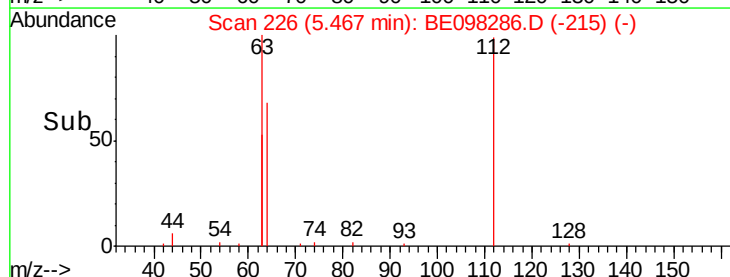
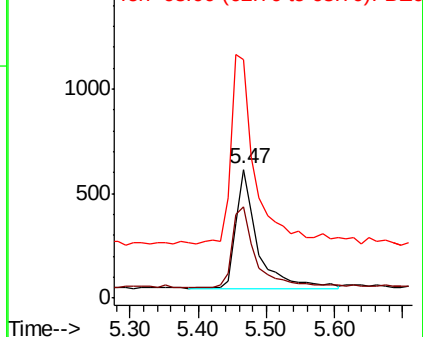
112 100

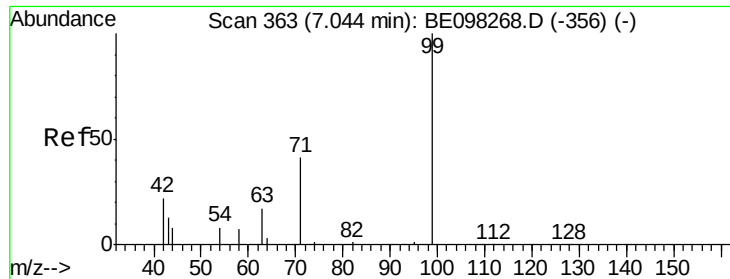
64 76.6 59.8 89.8

63 170.1 133.7 200.5



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: 0.284 ng

RT: 7.07 min Scan# 365

Delta R.T. 0.02 min

Lab File: BE098286.D

Acq: 30 Nov 2018 14:46

Instrument :

BNA_G

ClientSampleId :

PB115203BS

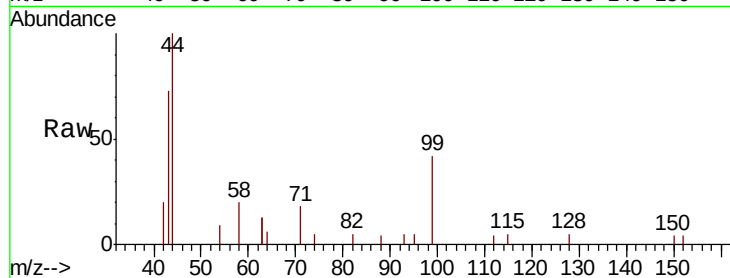
Tot Ion: 99 Resp: 1556

Ion Ratio Lower Upper

99 100

42 33.7 26.3 39.5

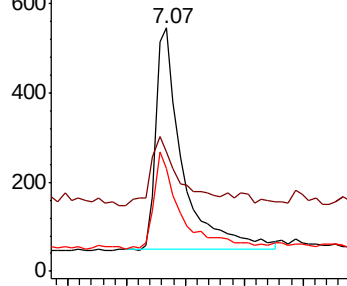
71 43.8 33.6 50.4



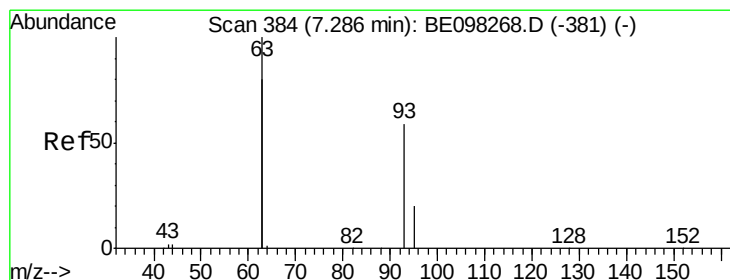
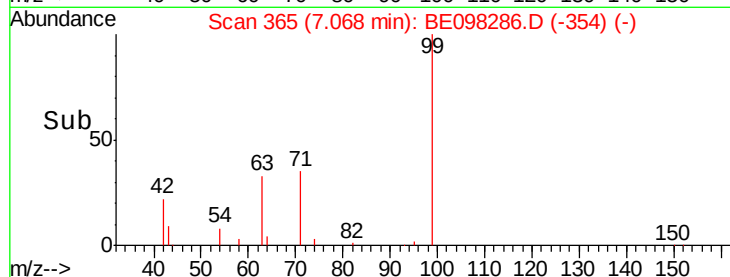
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.90 7.00 7.10 7.20 7.30



#6

bis(2-Chloroethyl)ether

Concen: 0.290 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.01 min

Lab File: BE098286.D

Acq: 30 Nov 2018 14:46

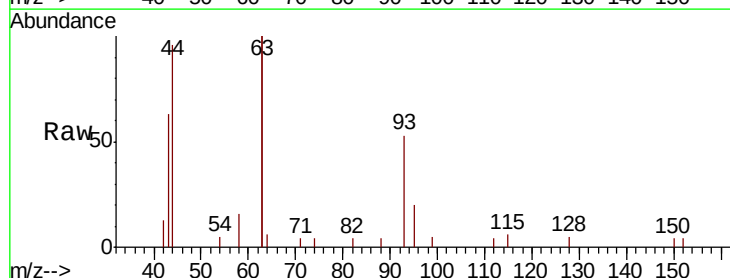
Tgt Ion: 93 Resp: 1460

Ion Ratio Lower Upper

93 100

63 343.4 264.4 396.6

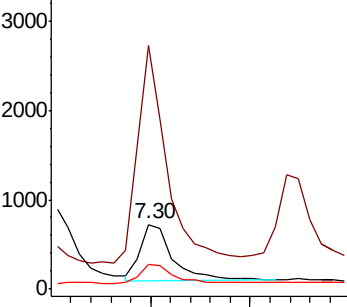
95 33.3 26.6 40.0



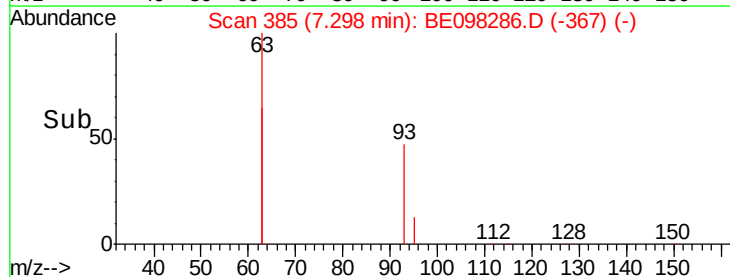
Abundance Ion 93.00 (92.70 to 93.70): BE0

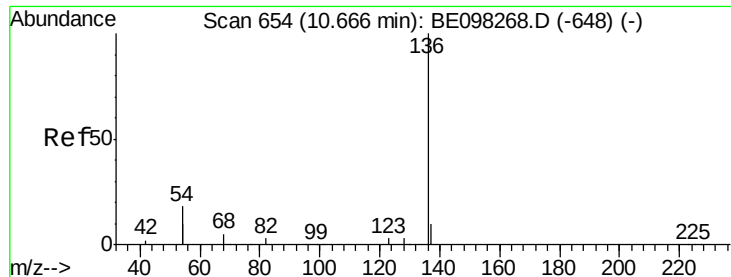
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time--> 7.30 7.40





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.01 min

Lab File: BE098286.D

Acq: 30 Nov 2018 14:46

Instrument :

BNA_G

ClientSampleId :

PB115203BS

Tot Ion:136 Resp: 5987

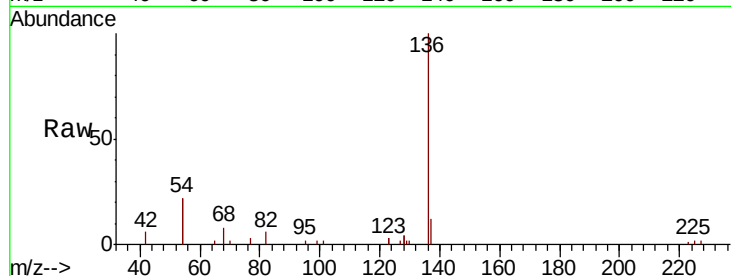
Ion Ratio Lower Upper

136 100

137 12.1 9.2 13.8

54 45.0 28.4 42.6#

68 7.9 5.4 8.0

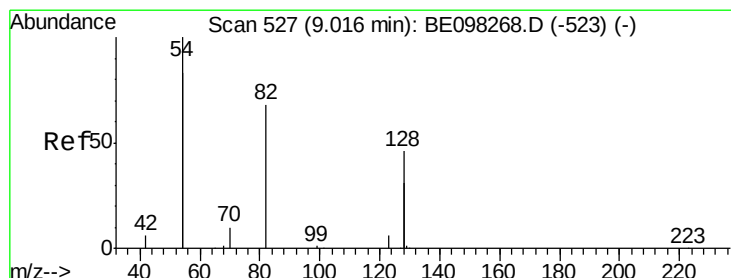
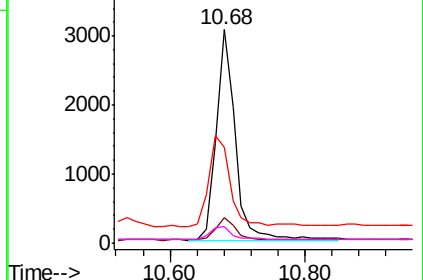
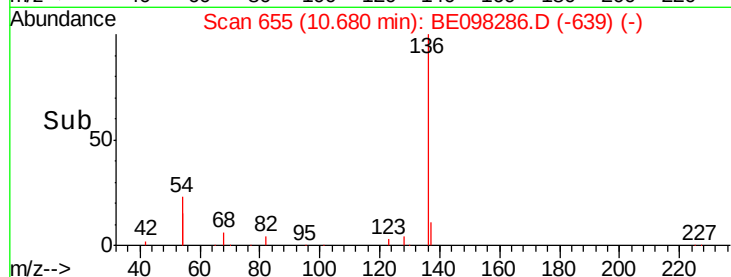


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.292 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.03 min

Lab File: BE098286.D

Acq: 30 Nov 2018 14:46

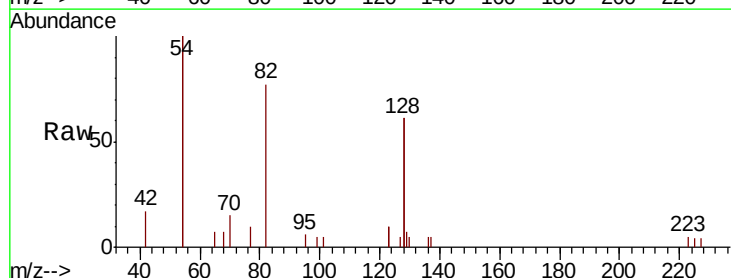
Tgt Ion: 82 Resp: 1768

Ion Ratio Lower Upper

82 100

128 157.8 102.4 153.6#

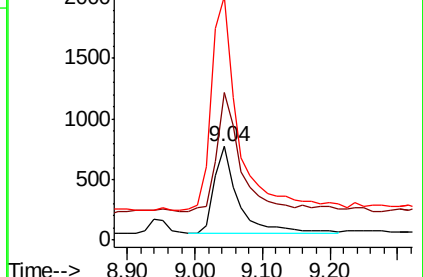
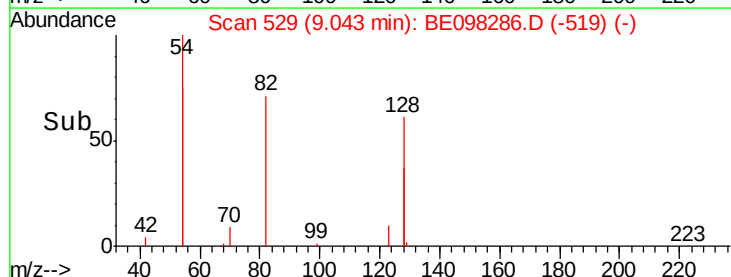
54 260.4 221.8 332.8

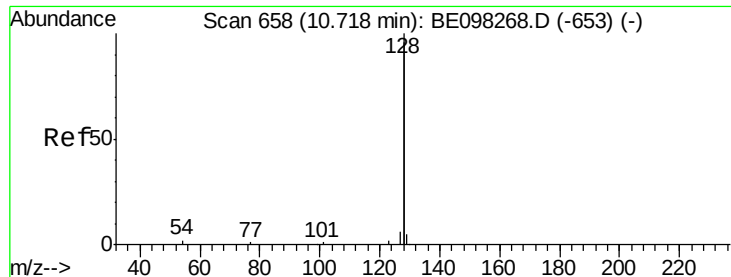


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.356 ng

RT: 10.73 min Scan# 659

Delta R.T. 0.01 min

Lab File: BE098286.D

Acq: 30 Nov 2018 14:46

Instrument :

BNA_G

ClientSampleId :

PB115203BS

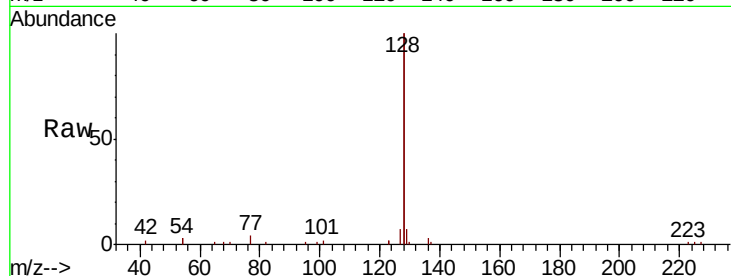
Tot Ion:128 Resp: 21400

Ion Ratio Lower Upper

128 100

129 3.3 2.5 3.7

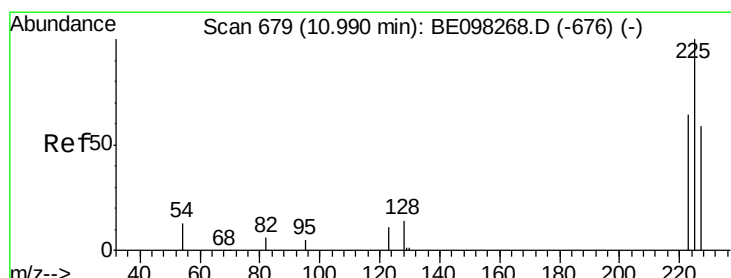
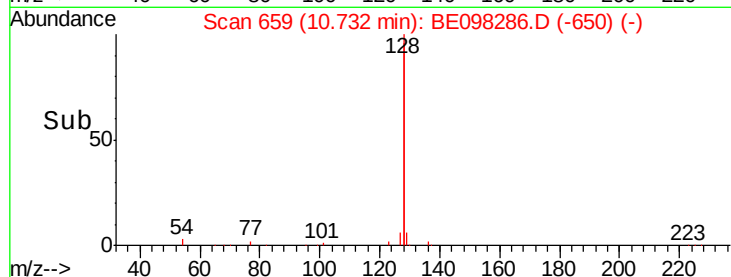
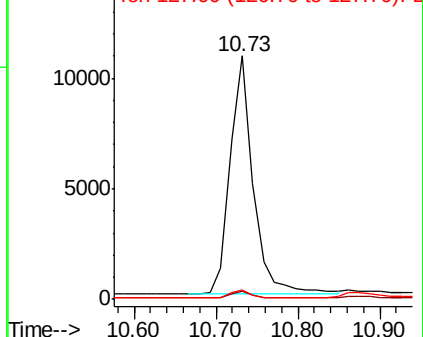
127 3.7 2.7 4.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.312 ng

RT: 11.02 min Scan# 681

Delta R.T. 0.03 min

Lab File: BE098286.D

Acq: 30 Nov 2018 14:46

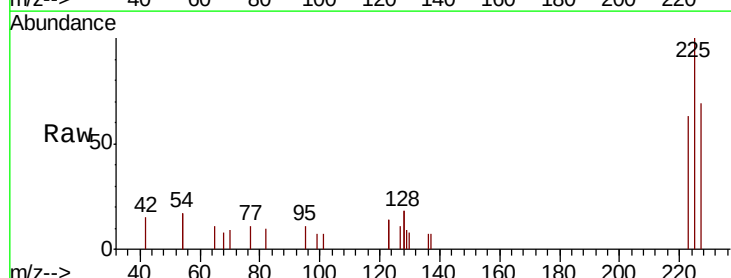
Tgt Ion:225 Resp: 1205

Ion Ratio Lower Upper

225 100

223 63.9 49.4 74.0

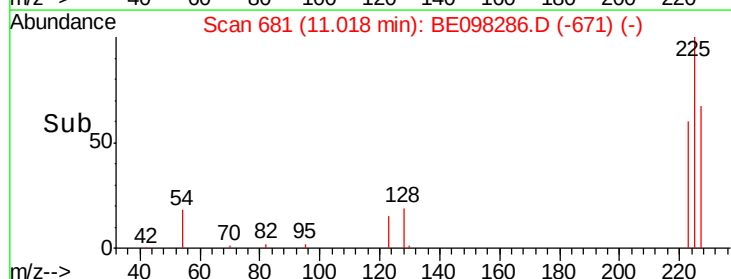
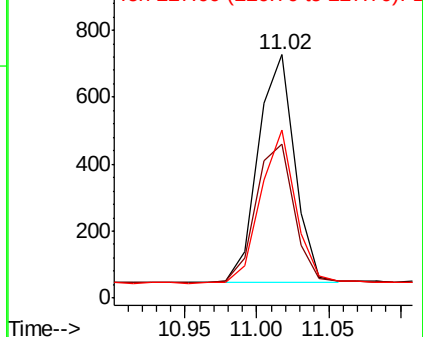
227 64.4 52.0 78.0

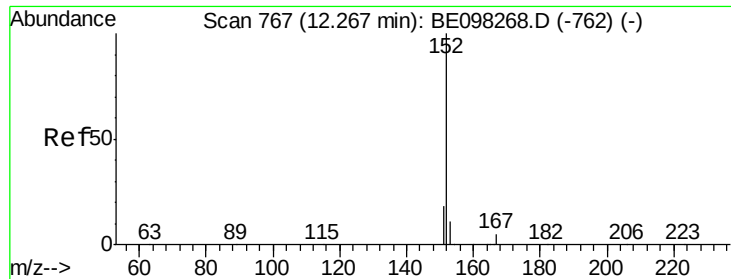


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

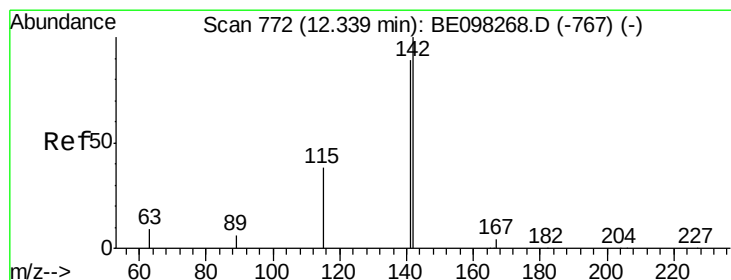
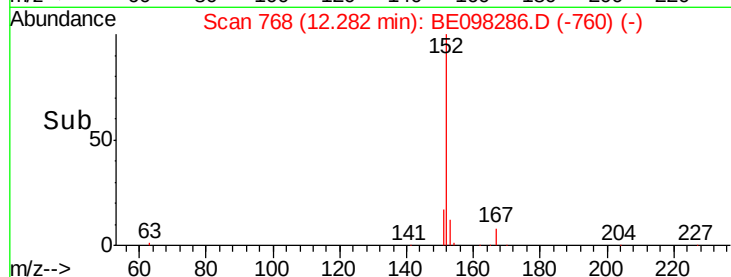
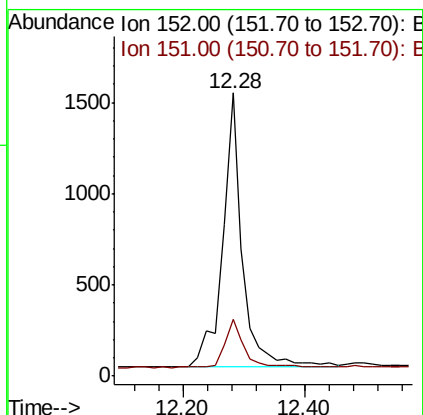
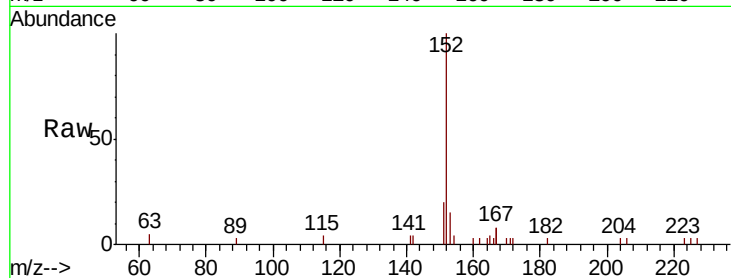




#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.02 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

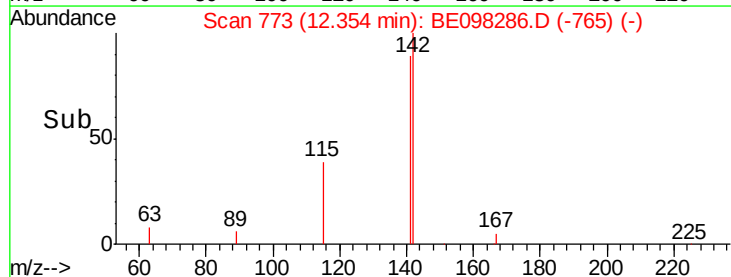
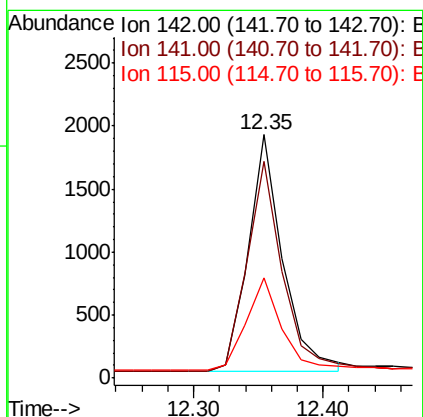
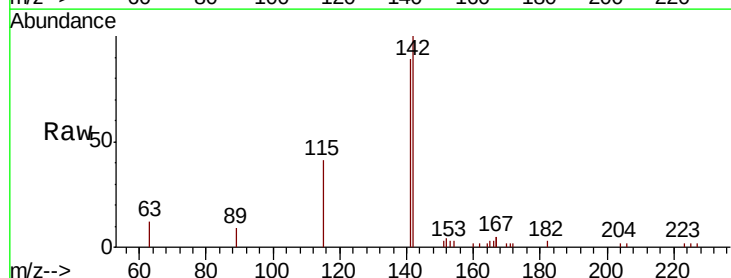
Instrument :
BNA_G
ClientSampleId :
PB115203BS

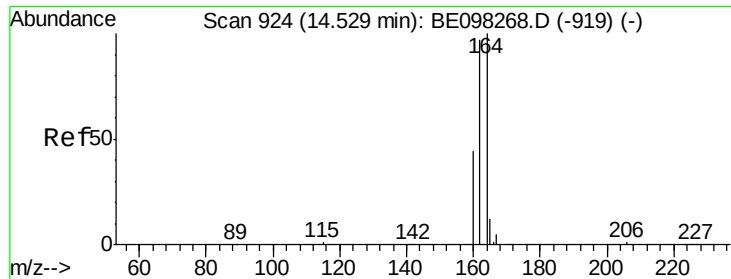
Tot Ion:152 Resp: 3396
Ion Ratio Lower Upper
152 100
151 17.2 16.2 24.4



#12
2-Methylnaphthalene
Concen: 0.347 ng
RT: 12.35 min Scan# 773
Delta R.T. 0.02 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Tgt Ion:142 Resp: 3465
Ion Ratio Lower Upper
142 100
141 89.0 71.0 106.6
115 41.4 32.2 48.2

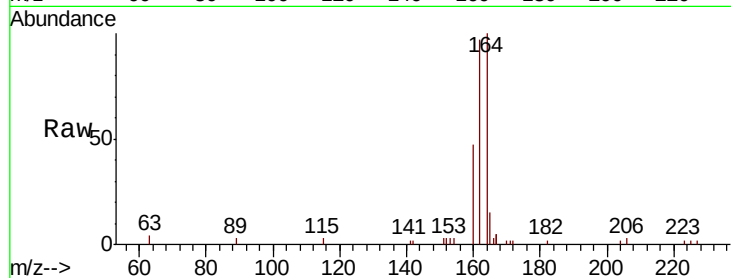




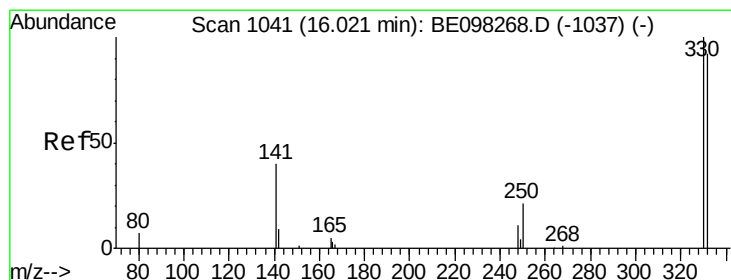
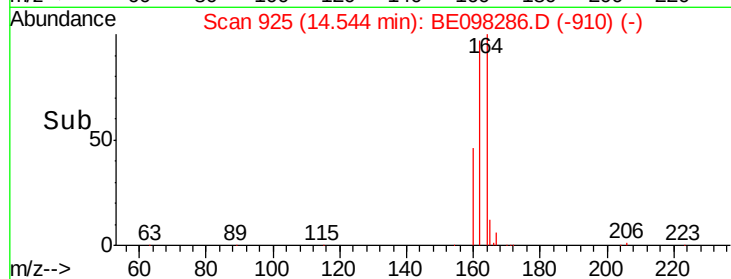
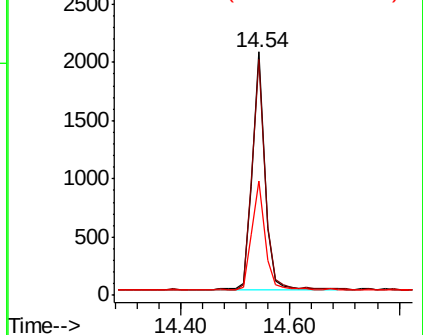
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.02 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Instrument :
BNA_G
ClientSampleId :
PB115203BS

Tot Ion:164 Resp: 3209
Ion Ratio Lower Upper
164 100
162 96.7 77.6 116.4
160 46.8 36.0 54.0

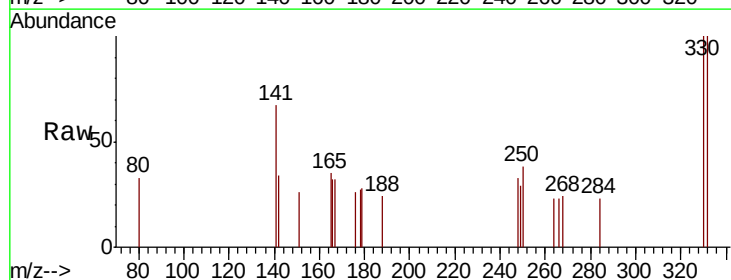


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

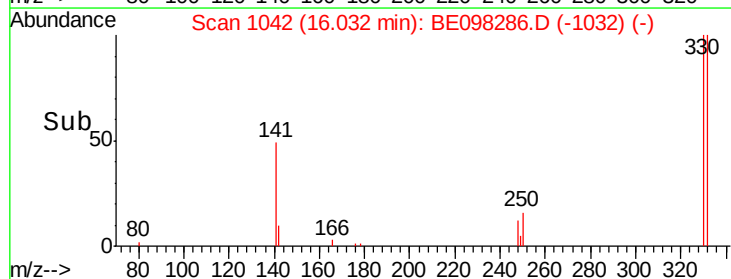
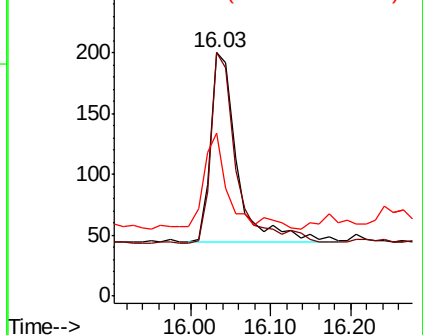


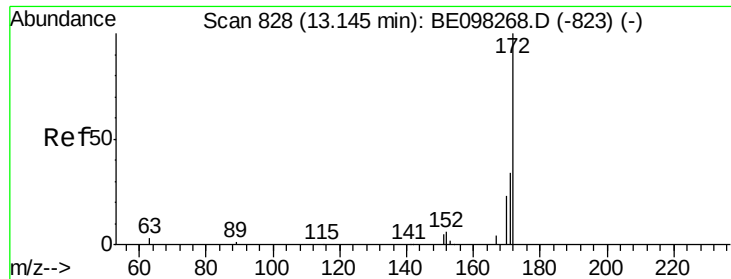
#14
2,4,6-Tribromophenol
Concen: 0.235 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Tgt Ion:330 Resp: 357
Ion Ratio Lower Upper
330 100
332 100.3 76.2 114.4
141 48.2 39.0 58.4



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

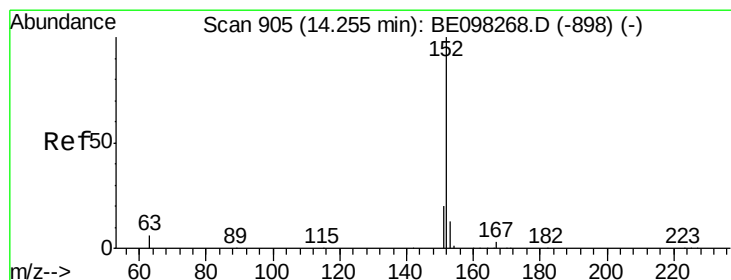
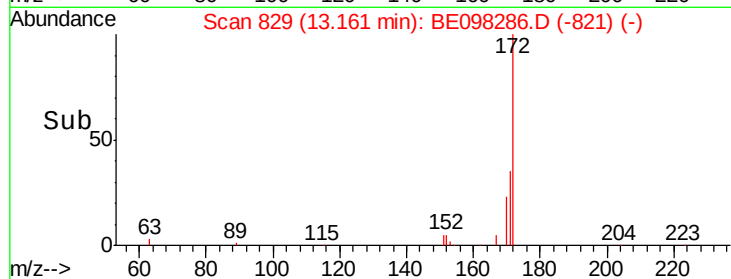
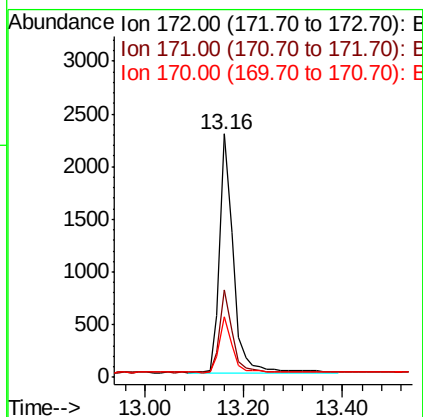
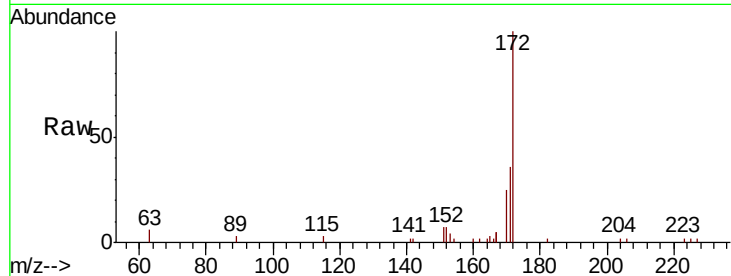




#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.02 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

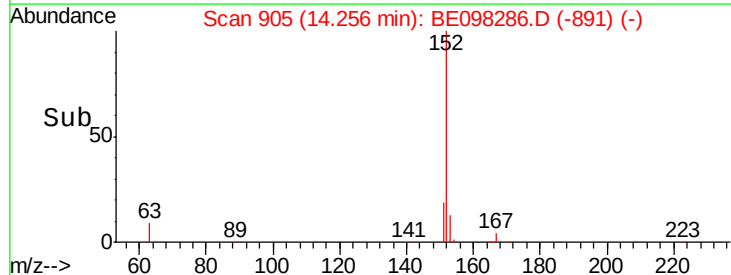
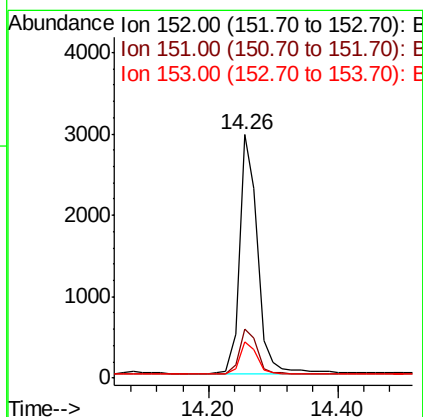
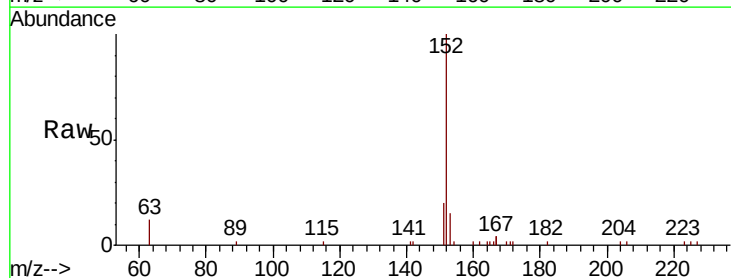
Instrument :
BNA_G
ClientSampleId :
PB115203BS

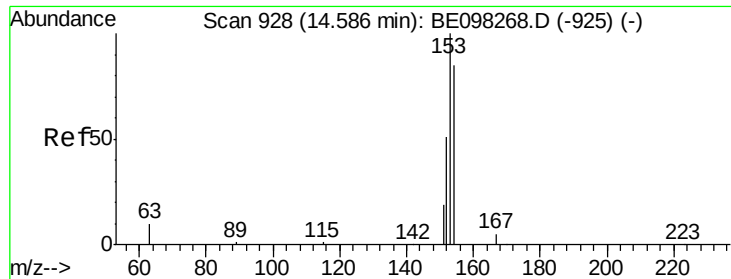
Tot Ion:172 Resp: 4287
Ion Ratio Lower Upper
172 100
171 35.8 27.5 41.3
170 25.0 19.6 29.4



#16
Acenaphthylene
Concen: 0.375 ng
RT: 14.26 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Tgt Ion:152 Resp: 5613
Ion Ratio Lower Upper
152 100
151 18.7 15.5 23.3
153 13.1 10.6 16.0

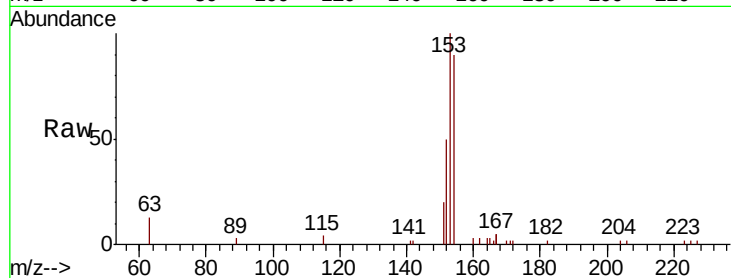




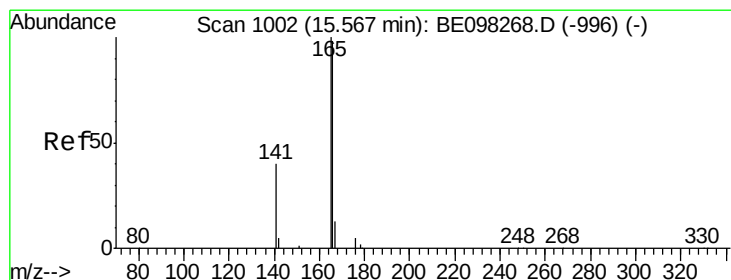
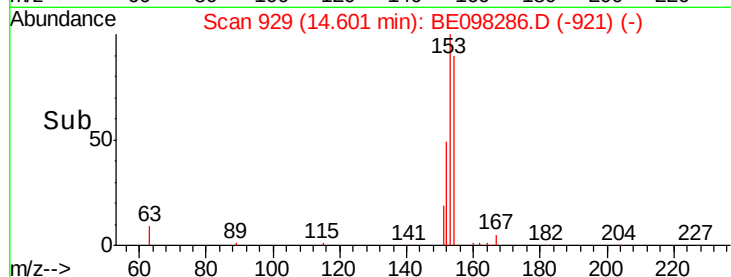
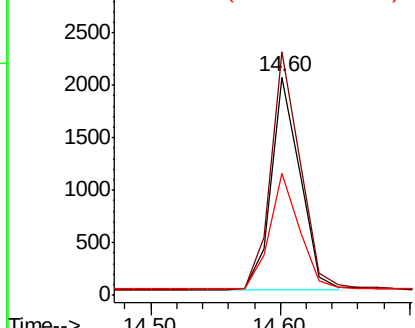
#17
Acenaphthene
Concen: 0.352 ng
RT: 14.60 min Scan# 929
Delta R.T. 0.02 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Instrument :
BNA_G
ClientSampleId :
PB115203BS

Tot Ion:154 Resp: 3140
Ion Ratio Lower Upper
154 100
153 114.7 91.8 137.6
152 56.5 45.5 68.3

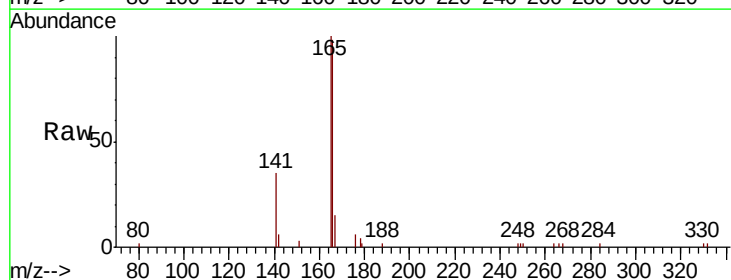


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

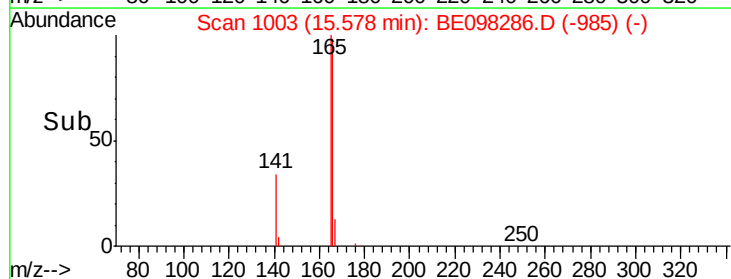
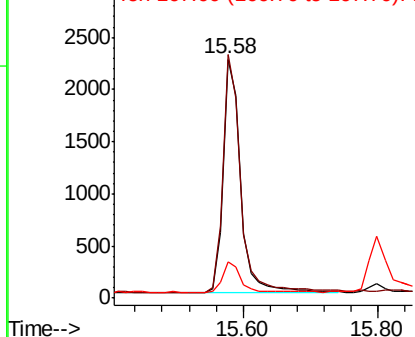


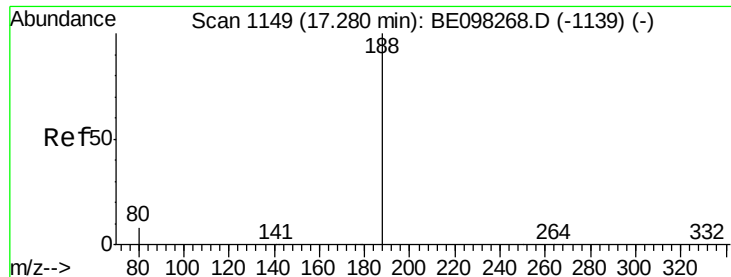
#18
Fluorene
Concen: 0.351 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Tgt Ion:166 Resp: 4150
Ion Ratio Lower Upper
166 100
165 100.3 79.3 118.9
167 13.2 11.3 16.9



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. 0.01 min

Lab File: BE098286.D

Acq: 30 Nov 2018 14:46

Instrument :

BNA_G

ClientSampleId :

PB115203BS

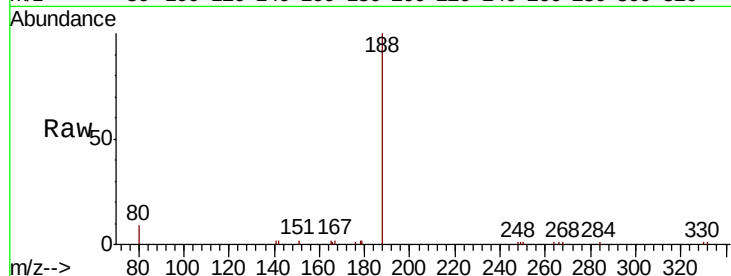
Tot Ion:188 Resp: 7716

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

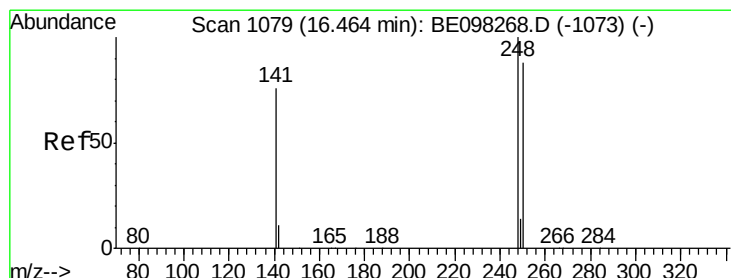
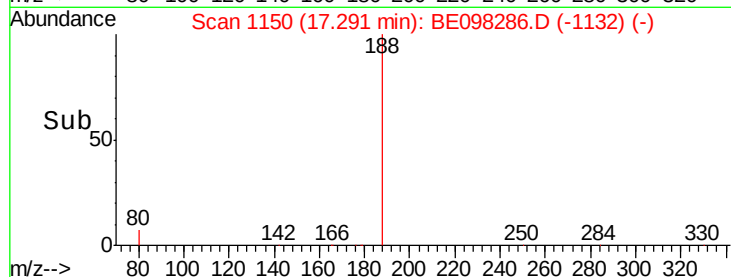
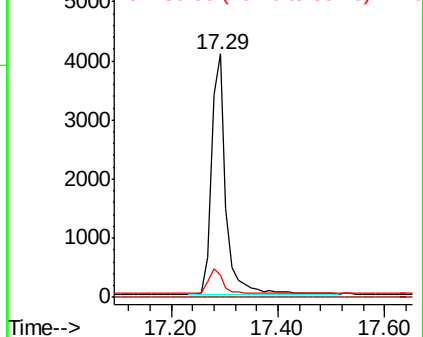
80 8.9 7.2 10.8



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: 0.319 ng

RT: 16.48 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BE098286.D

Acq: 30 Nov 2018 14:46

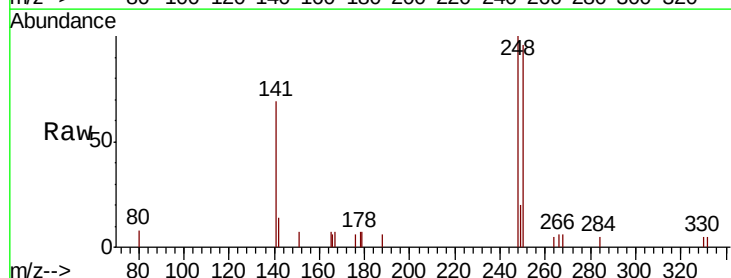
Tgt Ion:248 Resp: 1393

Ion Ratio Lower Upper

248 100

250 96.1 71.0 106.6

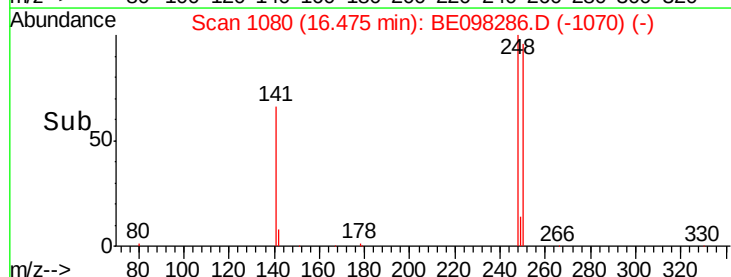
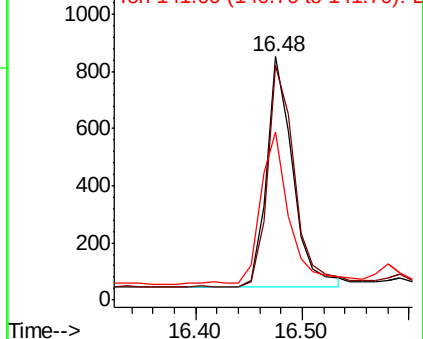
141 68.9 62.1 93.1

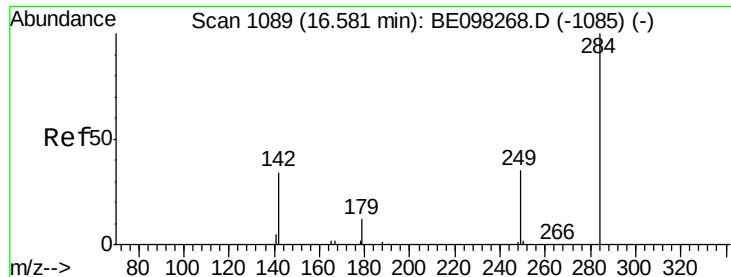


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

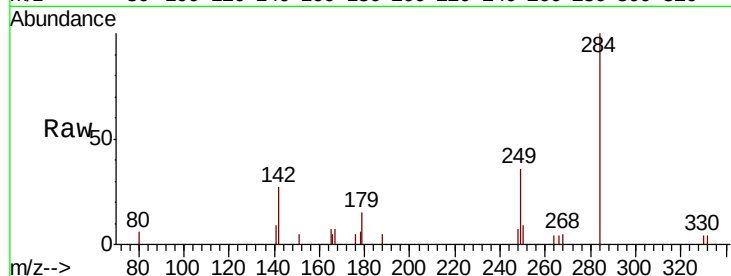




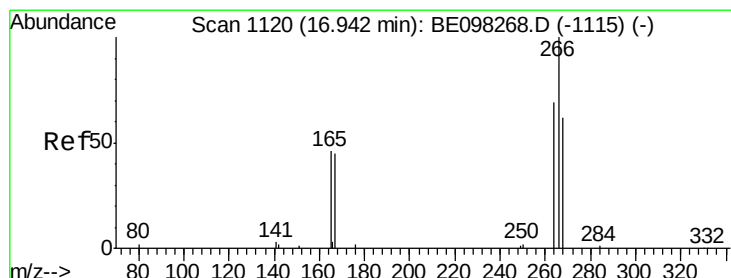
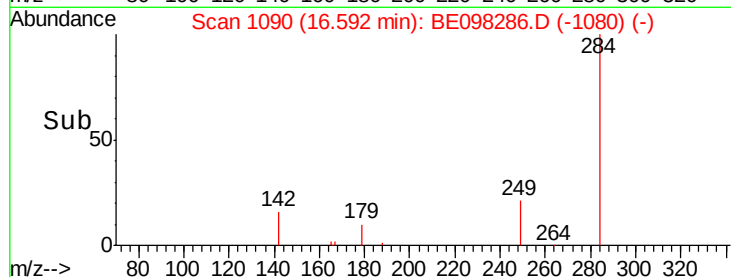
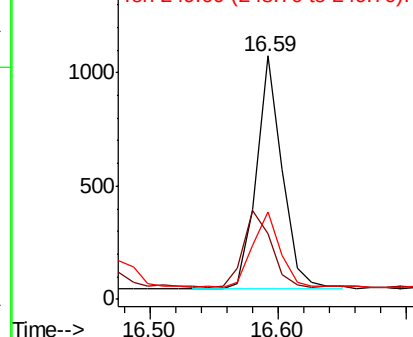
#21
Hexachlorobenzene
Concen: 0.321 ng
RT: 16.59 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Instrument :
BNA_G
ClientSampleId :
PB115203BS

Tot Ion:284 Resp: 1450
Ion Ratio Lower Upper
284 100
142 36.1 26.3 39.5
249 33.4 26.0 39.0

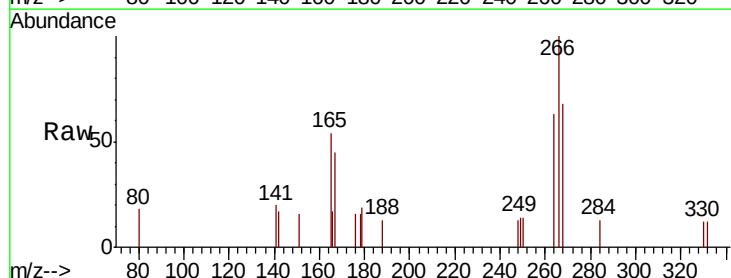


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

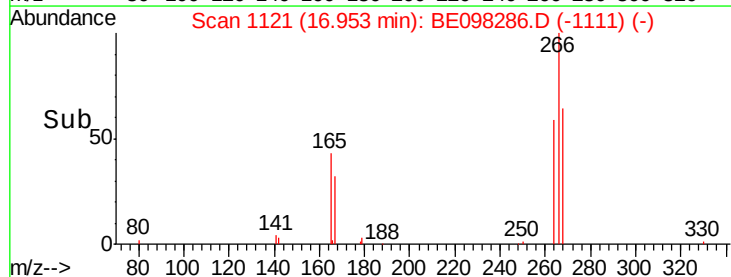
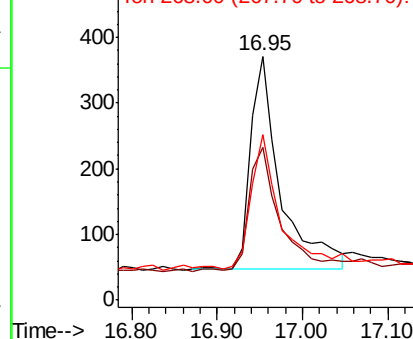


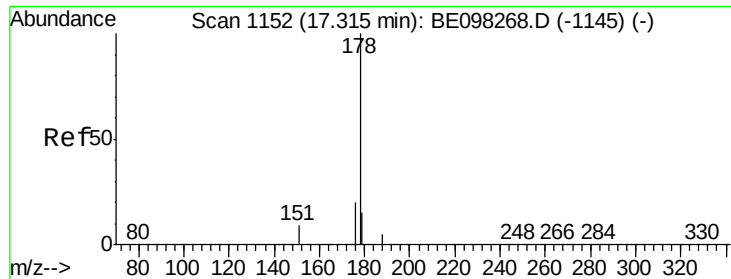
#22
Pentachlorophenol
Concen: 0.531 ng
RT: 16.95 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Tgt Ion:266 Resp: 794
Ion Ratio Lower Upper
266 100
264 62.5 59.0 88.4
268 67.9 55.1 82.7



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: 0.354 ng

RT: 17.33 min Scan# 1153

Delta R.T. 0.01 min

Lab File: BE098286.D

Acq: 30 Nov 2018 14:46

Instrument :

BNA_G

ClientSampleId :

PB115203BS

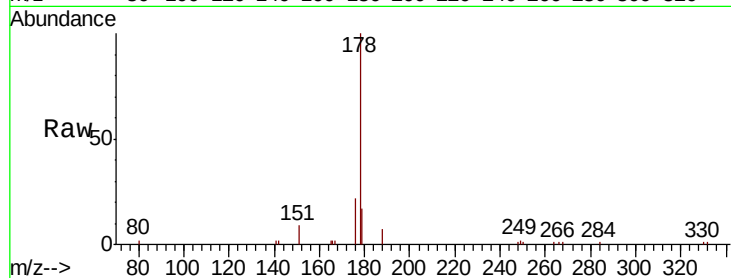
Tot Ion:178 Resp: 6785

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

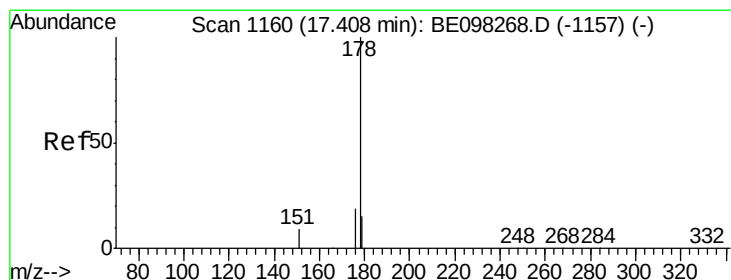
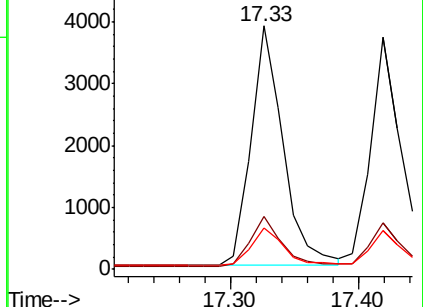
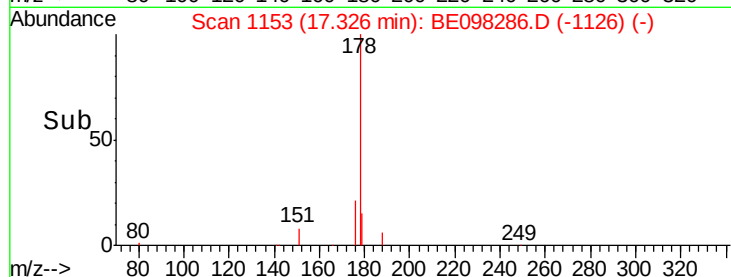
179 15.9 12.3 18.5



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: 0.349 ng

RT: 17.42 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BE098286.D

Acq: 30 Nov 2018 14:46

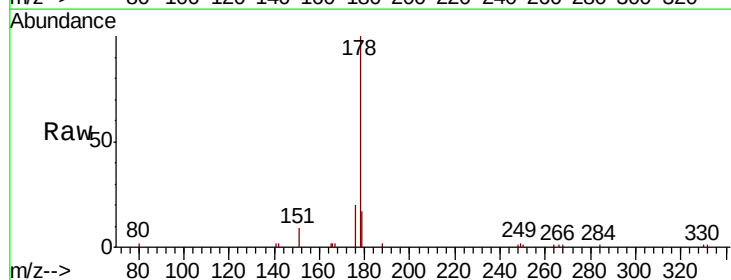
Tgt Ion:178 Resp: 6221

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

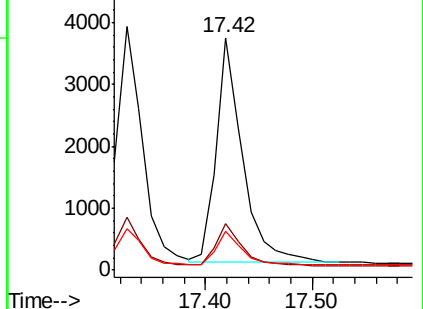
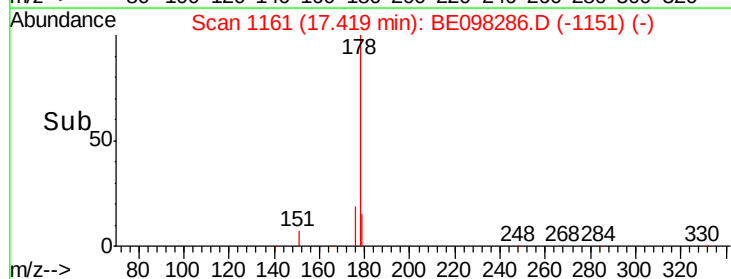
179 14.3 12.3 18.5

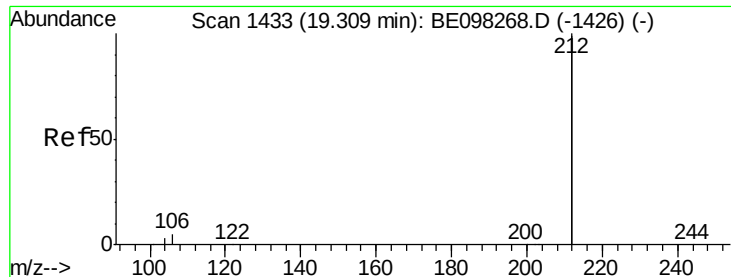


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.323 ng

RT: 19.32 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BE098286.D

Acq: 30 Nov 2018 14:46

Instrument :

BNA_G

ClientSampleId :

PB115203BS

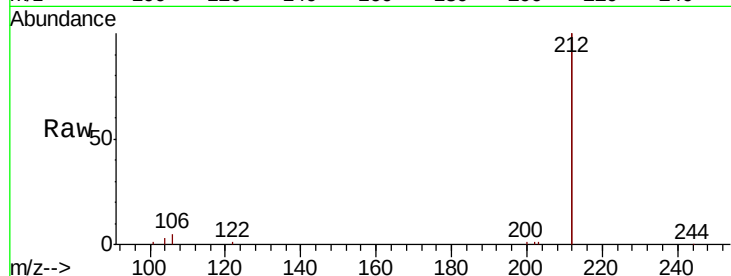
Tot Ion:212 Resp: 33595

Ion Ratio Lower Upper

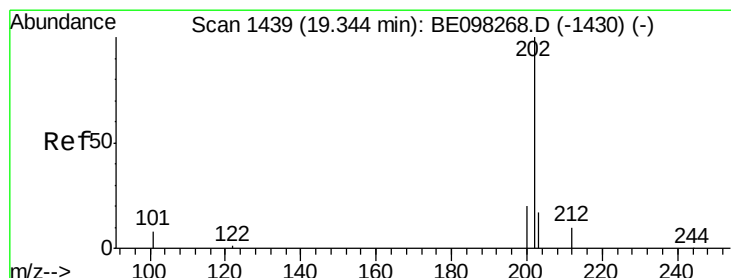
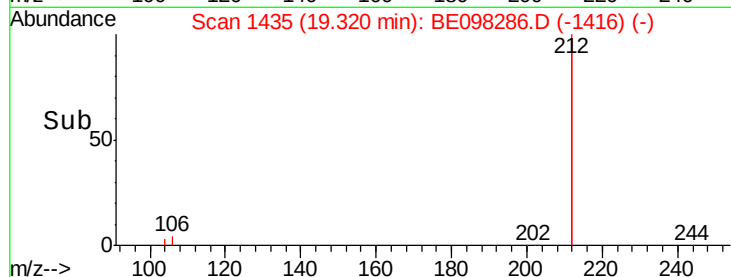
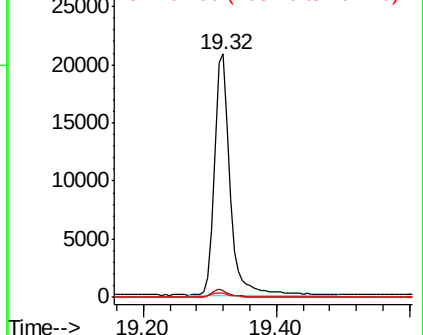
212 100

106 2.7 2.2 3.2

104 1.6 1.3 1.9



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.351 ng

RT: 19.35 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BE098286.D

Acq: 30 Nov 2018 14:46

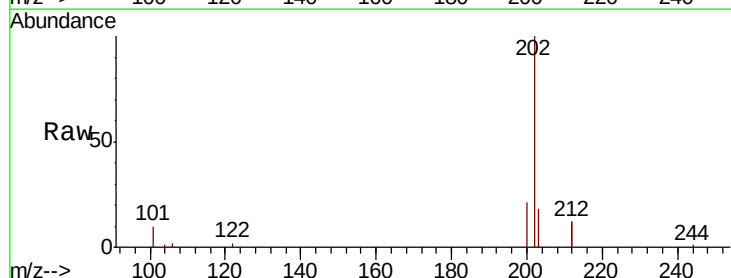
Tgt Ion:202 Resp: 9188

Ion Ratio Lower Upper

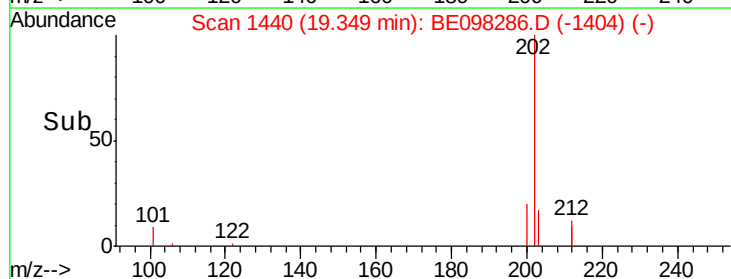
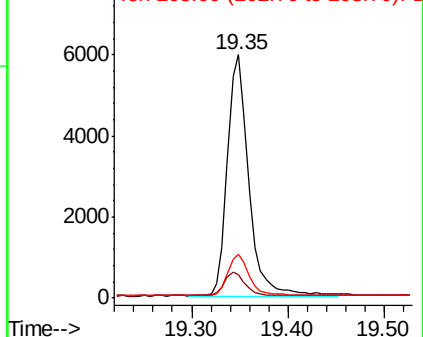
202 100

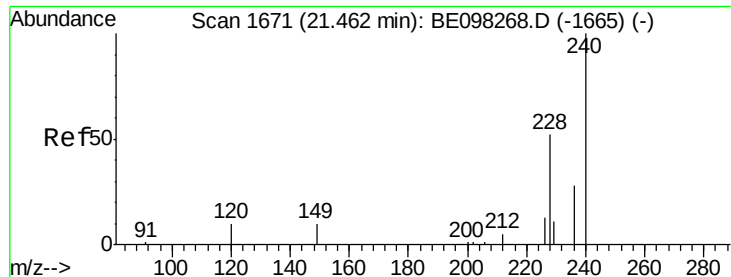
101 10.0 8.0 12.0

203 16.9 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.48 min Scan# 1672

Delta R.T. 0.01 min

Lab File: BE098286.D

Acq: 30 Nov 2018 14:46

Instrument :

BNA_G

ClientSampleId :

PB115203BS

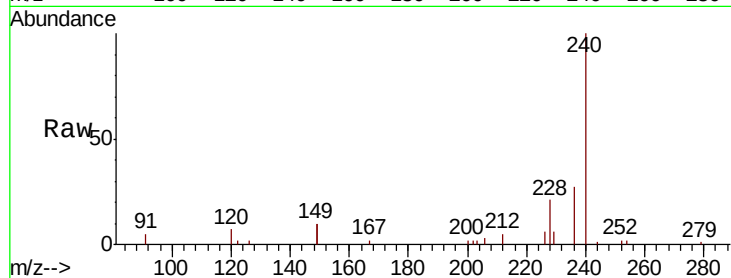
Tot Ion:240 Resp: 10744

Ion Ratio Lower Upper

240 100

120 6.9 9.5 14.3#

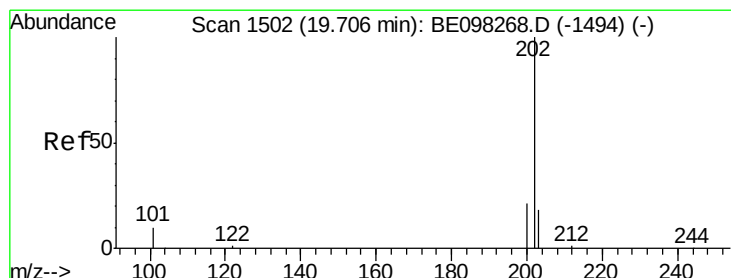
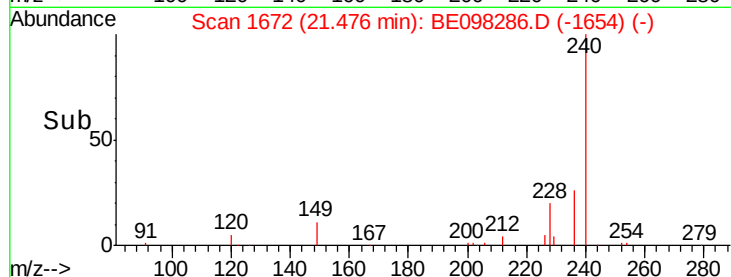
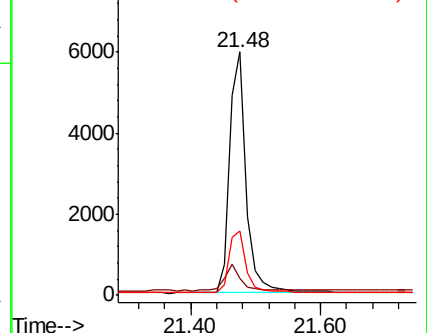
236 26.5 22.7 34.1



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: 0.319 ng

RT: 19.71 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE098286.D

Acq: 30 Nov 2018 14:46

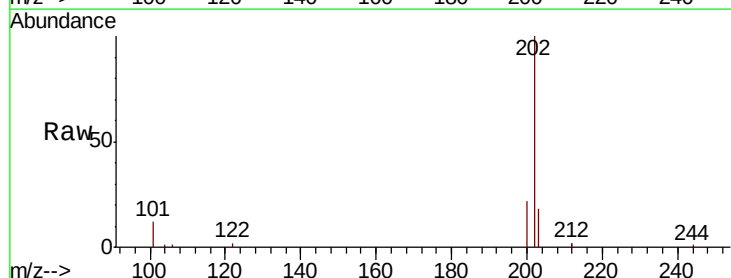
Tgt Ion:202 Resp: 9494

Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

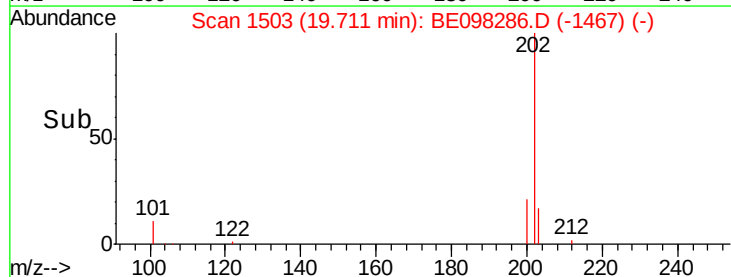
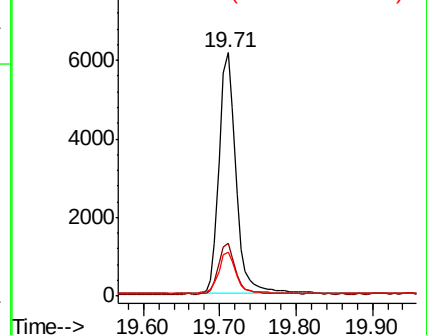
203 17.6 14.1 21.1

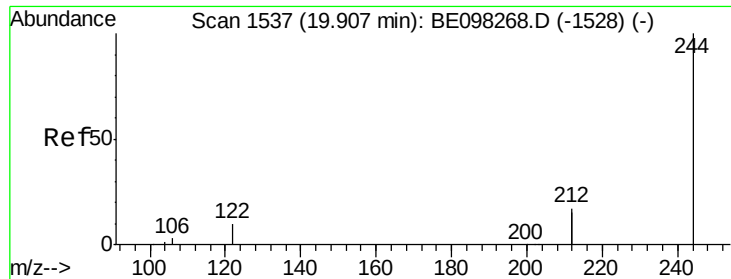


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.249 ng

RT: 19.91 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BE098286.D

Acq: 30 Nov 2018 14:46

Instrument :

BNA_G

ClientSampleId :

PB115203BS

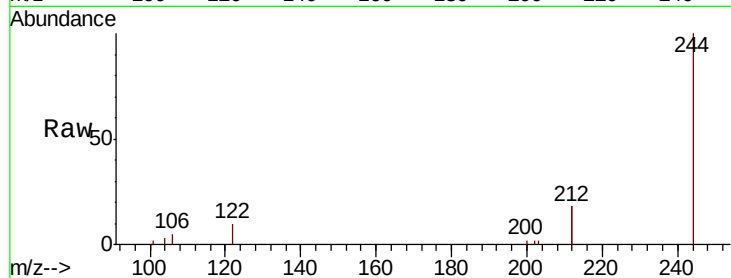
Tot Ion:244 Resp: 6006

Ion Ratio Lower Upper

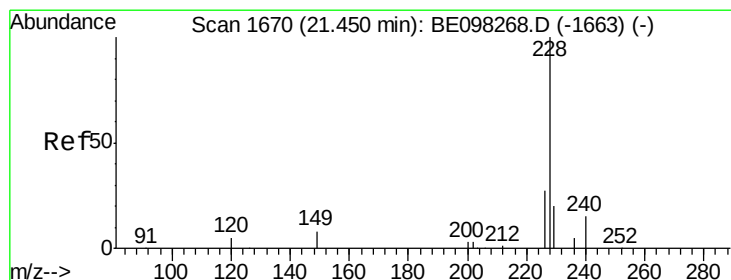
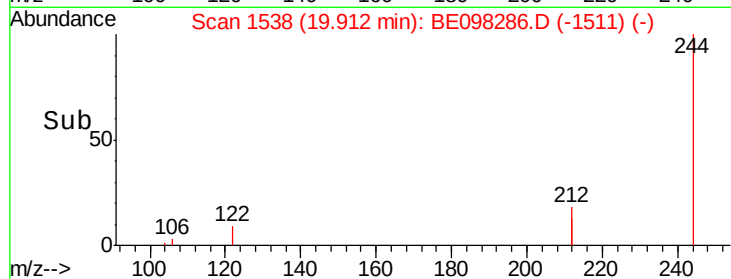
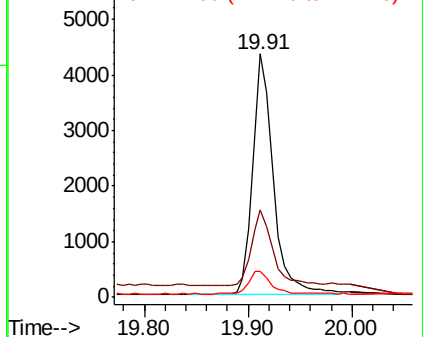
244 100

212 36.0 27.4 41.0

122 10.4 8.3 12.5



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: 0.370 ng

RT: 21.45 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BE098286.D

Acq: 30 Nov 2018 14:46

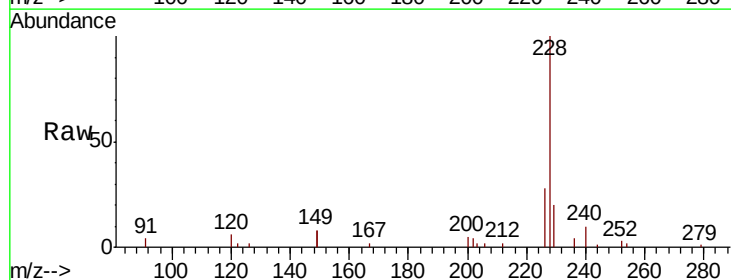
Tgt Ion:228 Resp: 11695

Ion Ratio Lower Upper

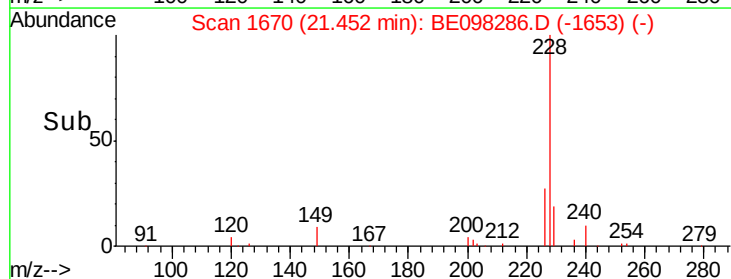
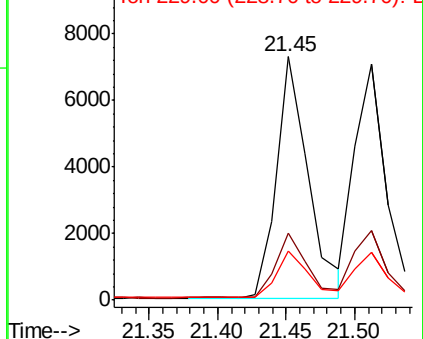
228 100

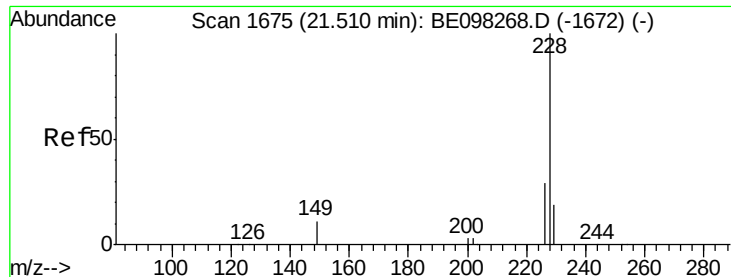
226 27.7 21.8 32.8

229 20.2 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.351 ng

RT: 21.51 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BE098286.D

Acq: 30 Nov 2018 14:46

Instrument :

BNA_G

ClientSampleId :

PB115203BS

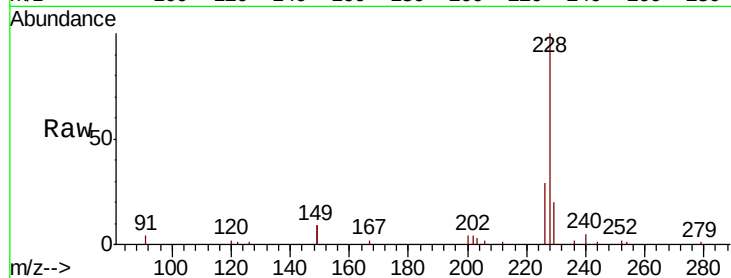
Tot Ion:228 Resp: 11284

Ion Ratio Lower Upper

228 100

226 29.4 23.4 35.0

229 20.2 16.2 24.4

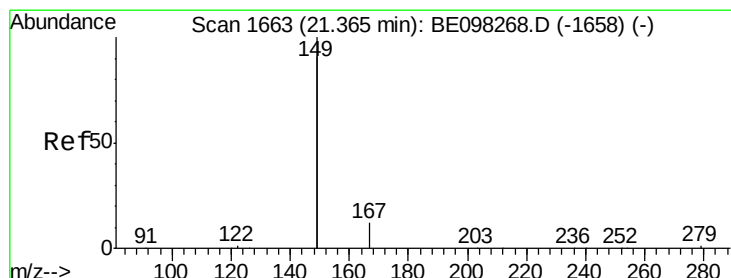
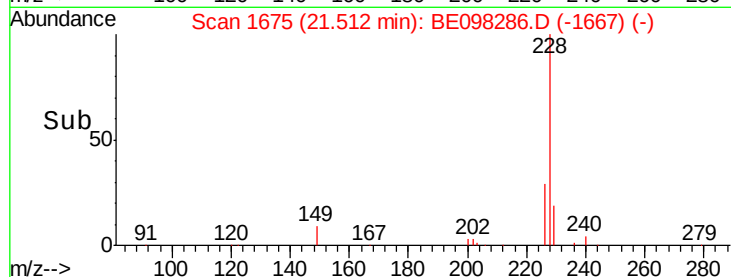
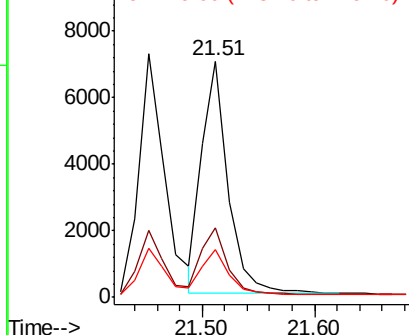


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.296 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098286.D

Acq: 30 Nov 2018 14:46

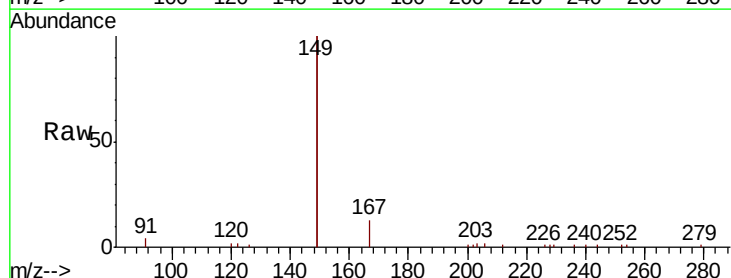
Tgt Ion:149 Resp: 22435

Ion Ratio Lower Upper

149 100

167 7.0 5.7 8.5

279 1.2 1.0 1.4

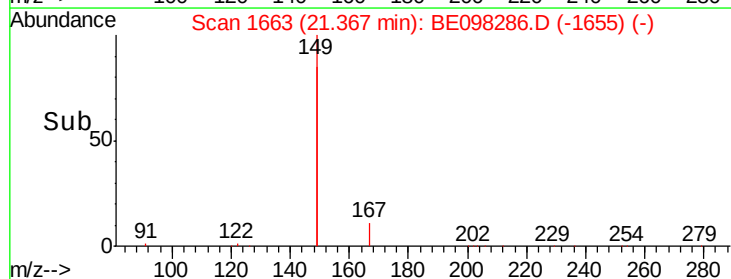
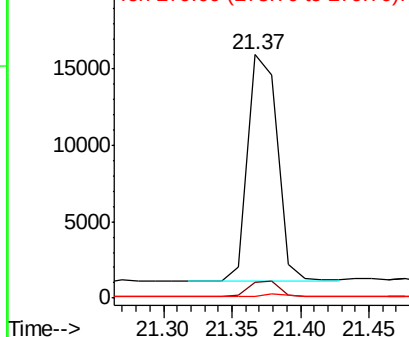


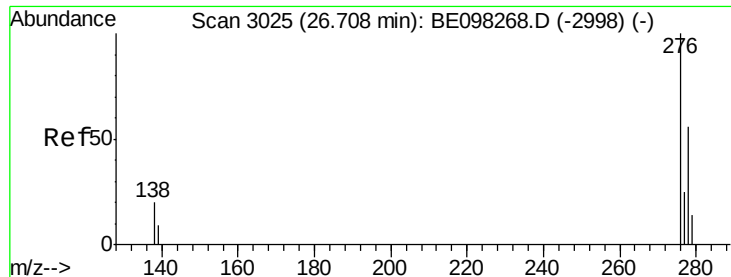
Abundance

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

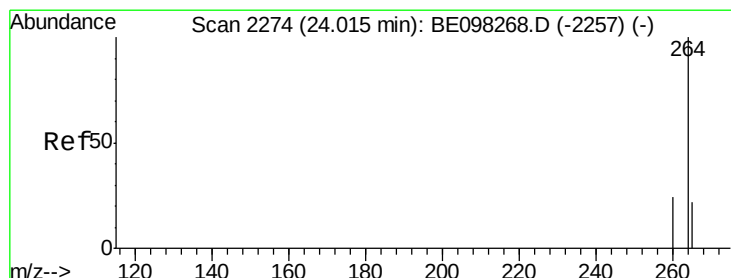
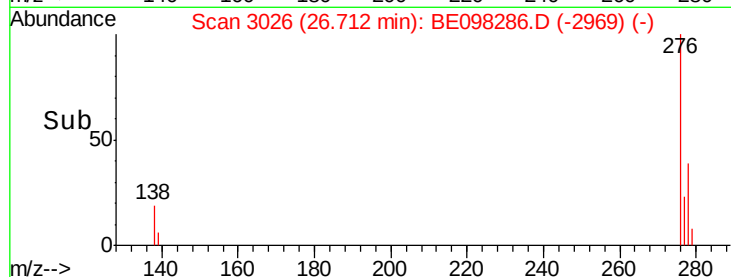
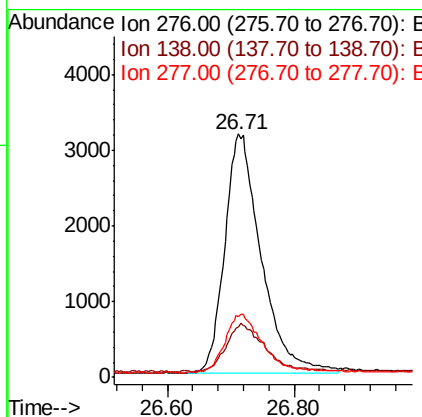
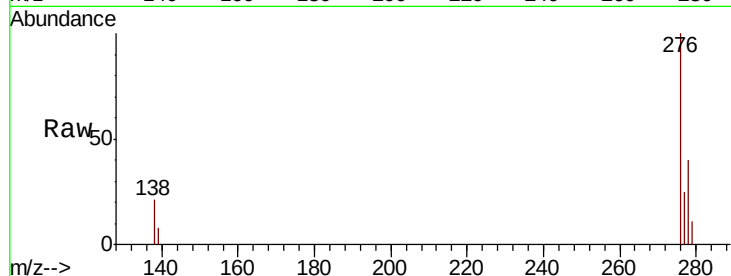




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.388 ng
 RT: 26.71 min Scan# 3026
 Delta R.T. 0.00 min
 Lab File: BE098286.D
 Acq: 30 Nov 2018 14:46

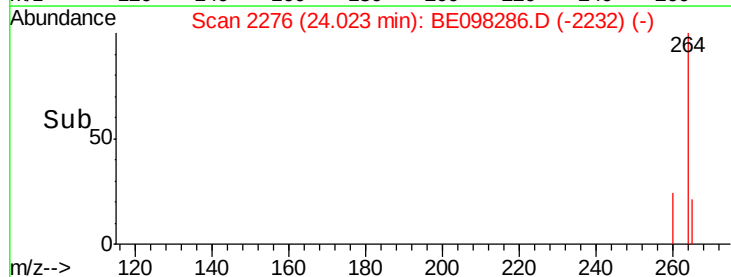
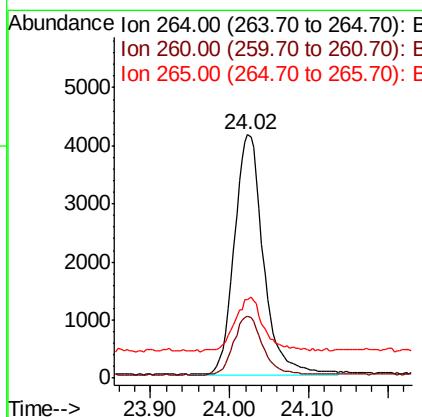
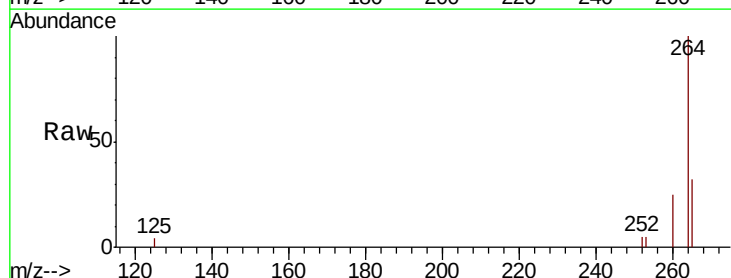
Instrument :
 BNA_G
 ClientSampleId :
 PB115203BS

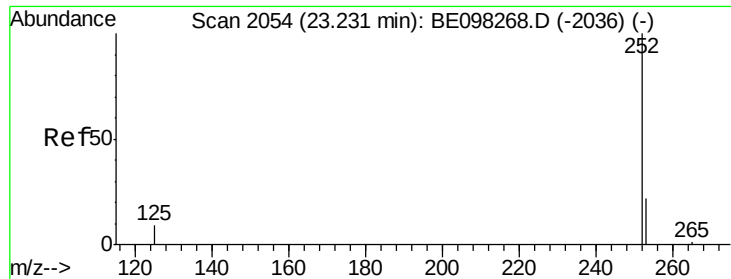
Tot Ion:276 Resp: 12616
 Ion Ratio Lower Upper
 276 100
 138 20.3 16.3 24.5
 277 24.7 20.2 30.4



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.02 min Scan# 2276
 Delta R.T. 0.01 min
 Lab File: BE098286.D
 Acq: 30 Nov 2018 14:46

Tgt Ion:264 Resp: 10568
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.2 30.2
 265 32.2 25.2 37.8





#35

Benzo(b)fluoranthene

Concen: 0.366 ng

RT: 23.24 min Scan# 2055

Delta R.T. 0.00 min

Lab File: BE098286.D

Acq: 30 Nov 2018 14:46

Instrument :

BNA_G

ClientSampleId :

PB115203BS

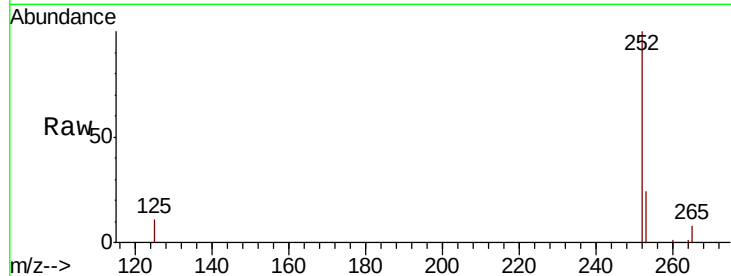
Tot Ion:252 Resp: 11333

Ion Ratio Lower Upper

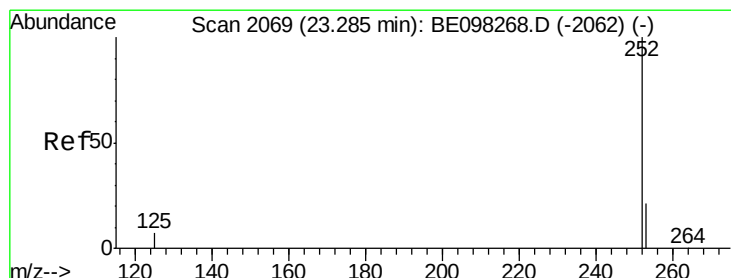
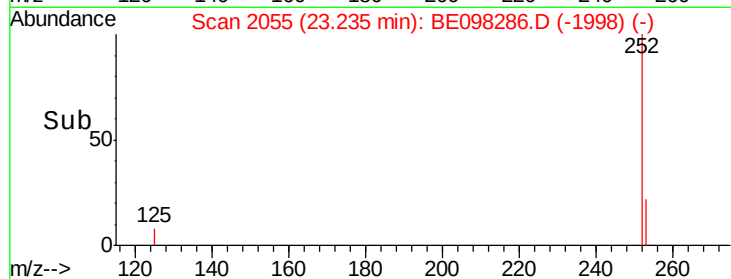
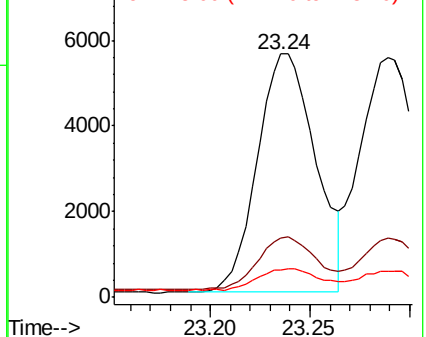
252 100

253 24.5 20.0 30.0

125 11.4 9.6 14.4



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



#36

Benzo(k)fluoranthene

Concen: 0.367 ng

RT: 23.29 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE098286.D

Acq: 30 Nov 2018 14:46

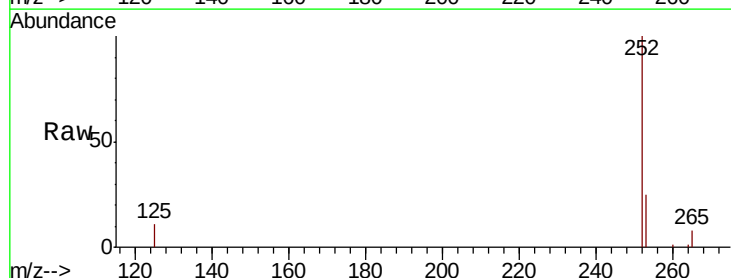
Tgt Ion:252 Resp: 11935

Ion Ratio Lower Upper

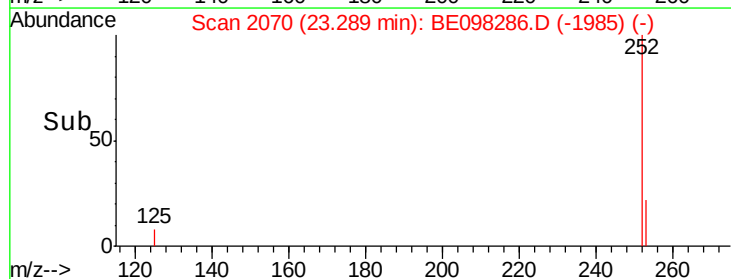
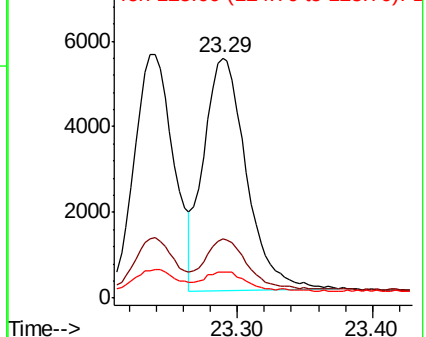
252 100

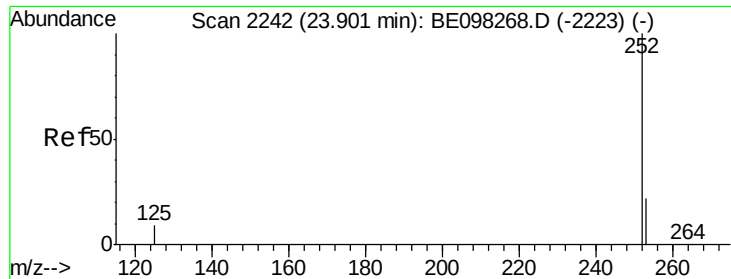
253 24.6 19.0 28.6

125 10.7 9.1 13.7



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: 0.368 ng

RT: 23.91 min Scan# 2243

Delta R.T. 0.00 min

Lab File: BE098286.D

Acq: 30 Nov 2018 14:46

Instrument :

BNA_G

ClientSampleId :

PB115203BS

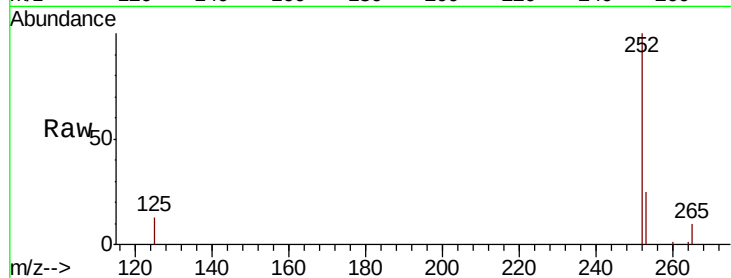
Tot Ion:252 Resp: 10973

Ion Ratio Lower Upper

252 100

253 25.2 20.6 30.8

125 12.7 10.5 15.7

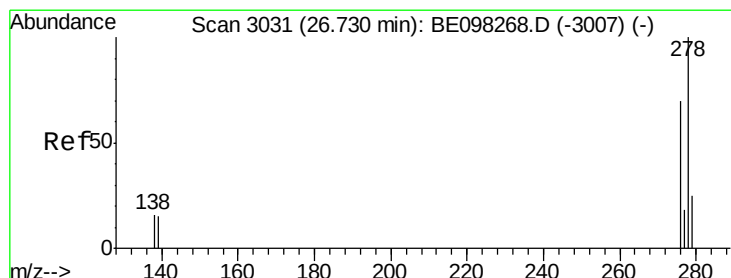
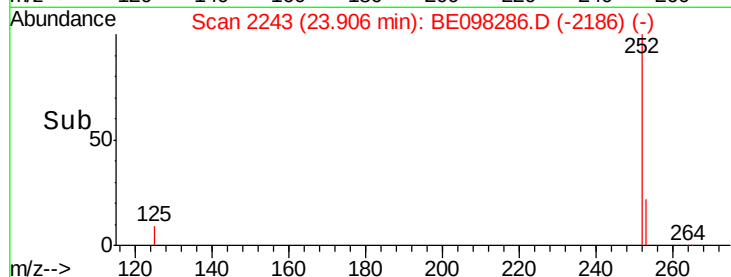
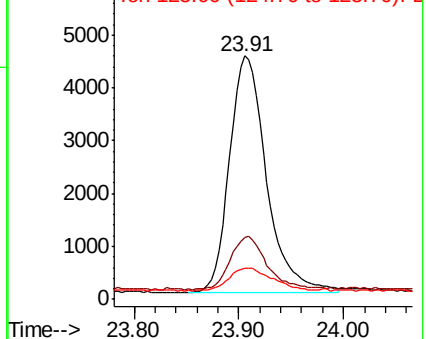


Abundance

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: 0.369 ng

RT: 26.74 min Scan# 3033

Delta R.T. 0.01 min

Lab File: BE098286.D

Acq: 30 Nov 2018 14:46

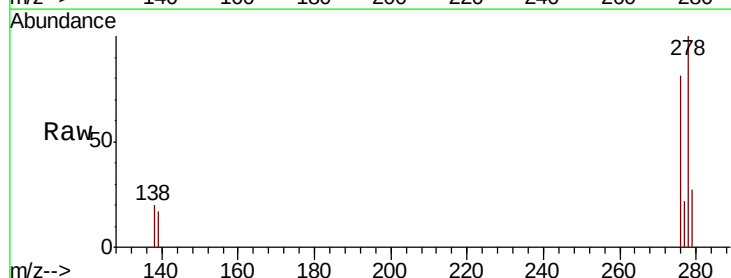
Tgt Ion:278 Resp: 10432

Ion Ratio Lower Upper

278 100

139 17.0 14.5 21.7

279 27.1 21.8 32.8

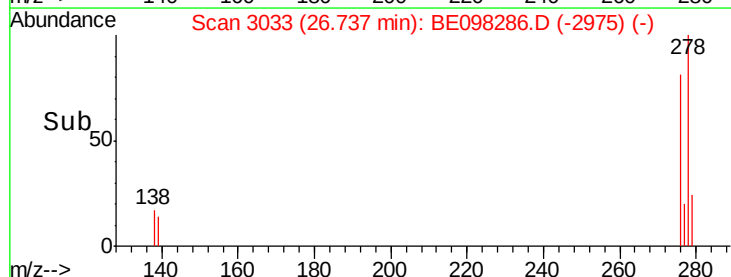
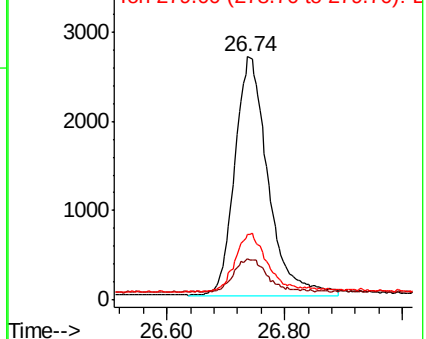


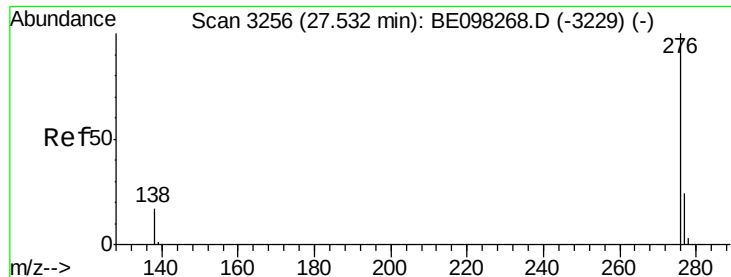
Abundance

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: 0.381 ng

RT: 27.54 min Scan# 3259

Delta R.T. 0.01 min

Lab File: BE098286.D

Acq: 30 Nov 2018 14:46

Instrument :

BNA_G

ClientSampleId :

PB115203BS

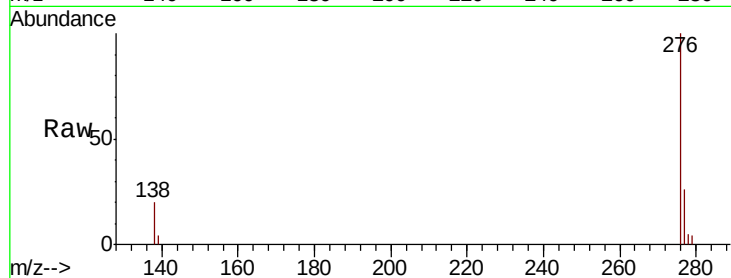
Tot Ion:276 Resp: 10798

Ion Ratio Lower Upper

276 100

277 26.1 20.8 31.2

138 20.2 15.8 23.6



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

