

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE113018\
 Data File : BE098287.D
 Acq On : 30 Nov 2018 15:22
 Operator : SJ/JU
 Sample : PB115203BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115203BSD

Quant Time: Nov 30 16:02:27 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	7.86	152	1401	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5324	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3003	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7530	0.40	ng	0.00
27) Chrysene-d12	21.46	240	10935	0.40	ng	0.00
34) Perylene-d12	24.02	264	10780	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1397	0.37	ng	0.01
5) Phenol-d6	7.05	99	1673	0.32	ng	0.00
8) Nitrobenzene-d5	9.03	82	1965	0.36	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3568	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	408	0.29	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	4631	0.37	ng	0.00
25) Fluoranthene-d10	19.31	212	40161	0.40	ng	0.00
29) Terphenyl-d14	19.91	244	7274	0.30	ng	0.00

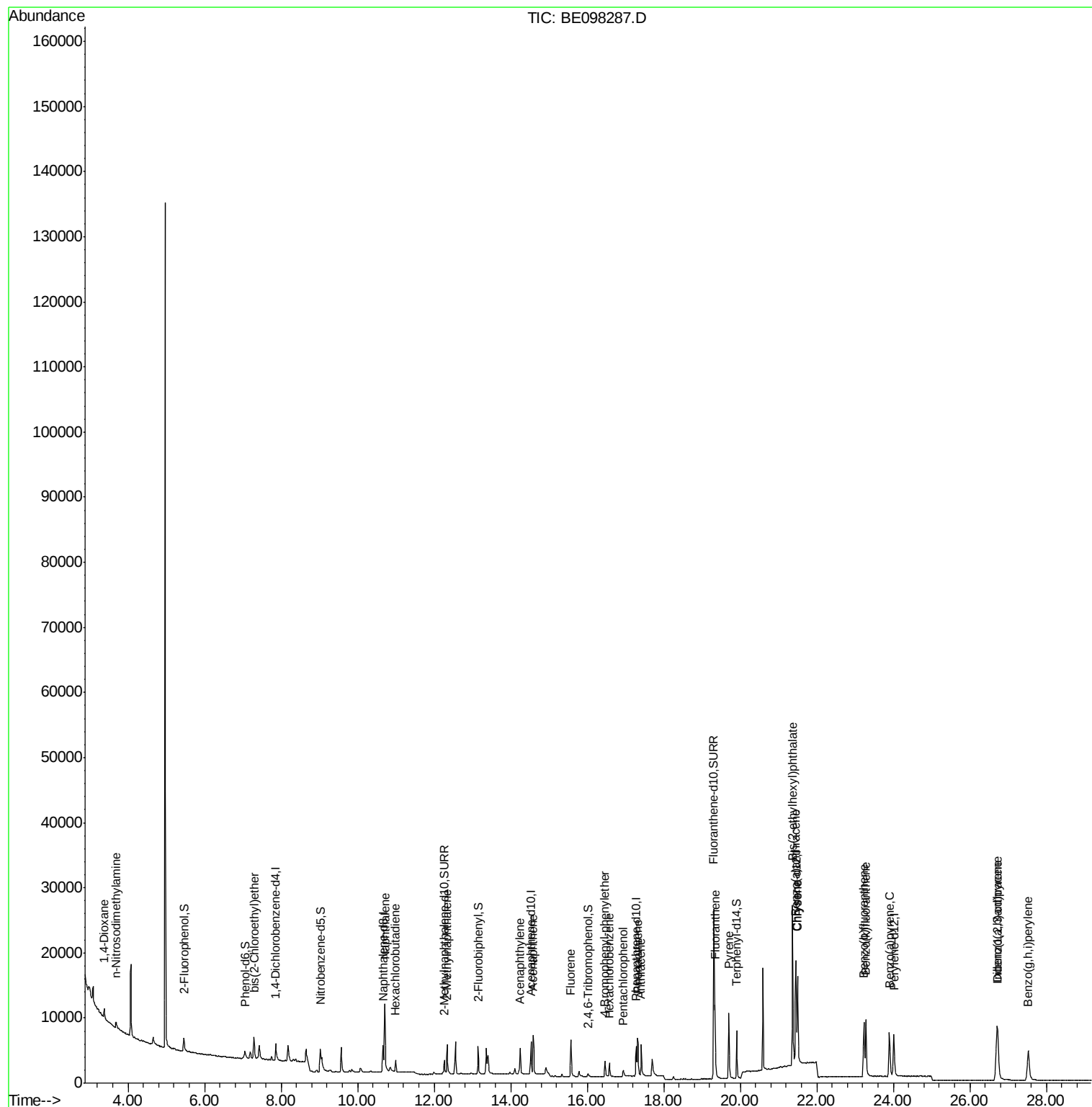
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	654	0.253	ng	# 69
3) n-Nitrosodimethylamine	3.68	42	937	0.348	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	1554	0.320	ng	95
9) Naphthalene	10.72	128	22189	0.415	ng	100
10) Hexachlorobutadiene	10.99	225	1262	0.368	ng	98
12) 2-Methylnaphthalene	12.34	142	3546	0.399	ng	99
16) Acenaphthylene	14.24	152	5757	0.411	ng	98
17) Acenaphthene	14.59	154	3298	0.395	ng	99
18) Fluorene	15.57	166	4327	0.391	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	1459	0.342	ng	95
21) Hexachlorobenzene	16.58	284	1566	0.355	ng	95
22) Pentachlorophenol	16.94	266	786	0.537	ng	88
23) Phenanthrene	17.31	178	7262	0.388	ng	99
24) Anthracene	17.41	178	6825	0.392	ng	98
26) Fluoranthene	19.34	202	10452	0.409	ng	99
28) Pyrene	19.70	202	10883	0.359	ng	100
30) Benzo(a)anthracene	21.45	228	13146	0.408	ng	99
31) Chrysene	21.50	228	13513	0.413	ng	98
32) Bis(2-ethylhexyl)phthalate	21.37	149	25306	0.328	ng	100
33) Indeno(1,2,3-cd)pyrene	26.70	276	14509	0.439	ng	98
35) Benzo(b)fluoranthene	23.23	252	12812	0.405	ng	97
36) Benzo(k)fluoranthene	23.28	252	13492	0.407	ng	99
37) Benzo(a)pyrene	23.90	252	12842	0.422	ng	98
38) Dibenzo(a,h)anthracene	26.73	278	11925	0.413	ng	97
39) Benzo(g,h,i)perylene	27.53	276	12349	0.427	ng	97

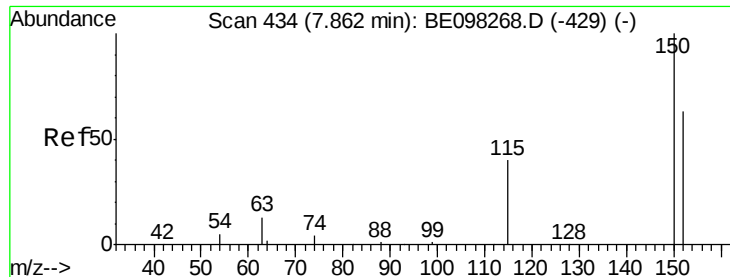
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098287.D

Acq: 30 Nov 2018 15:22

Instrument :

BNA_G

ClientSampleId :

PB115203BSD

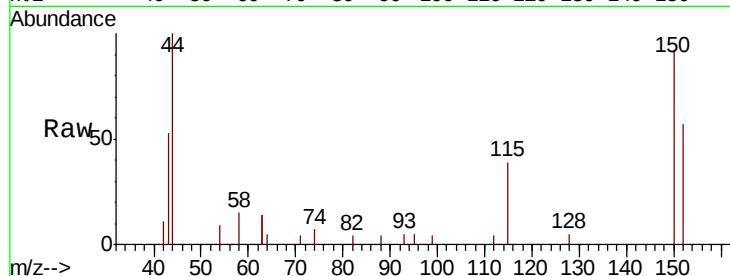
Tot Ion:152 Resp: 1401

Ion Ratio Lower Upper

152 100

150 161.9 124.2 186.4

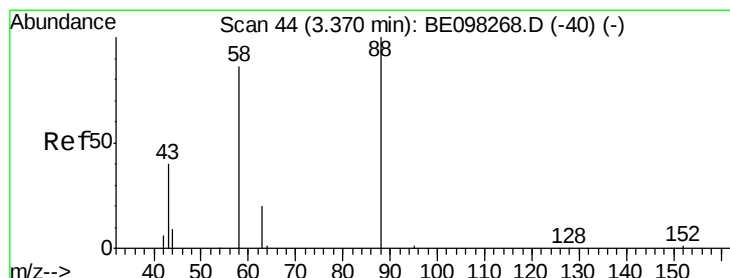
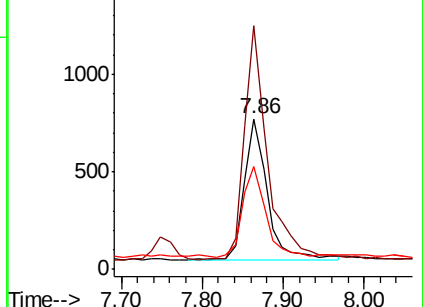
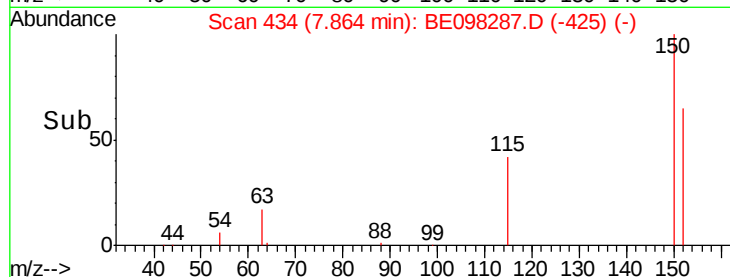
115 68.7 53.9 80.9



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: 0.253 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE098287.D

Acq: 30 Nov 2018 15:22

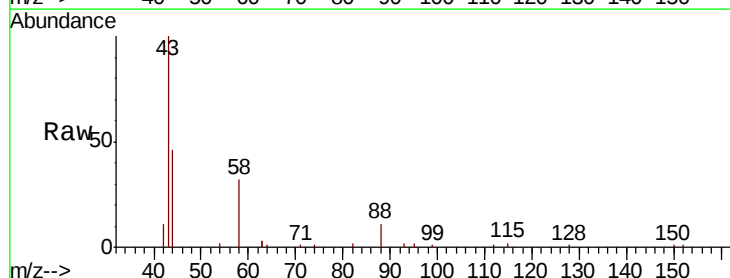
Tgt Ion: 88 Resp: 654

Ion Ratio Lower Upper

88 100

58 103.8 75.0 112.6

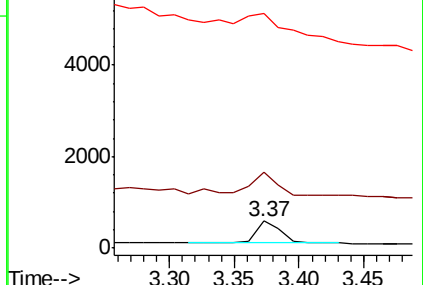
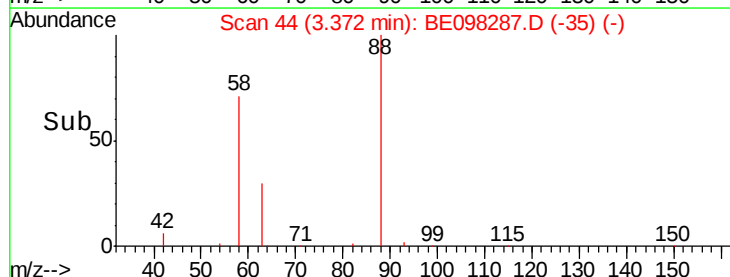
43 0.0 38.3 57.5#

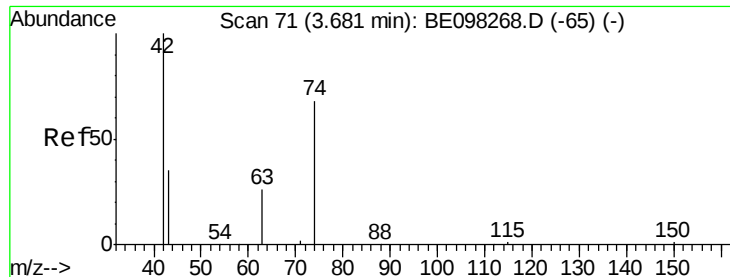


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.348 ng

RT: 3.68 min Scan# 71

Delta R.T. 0.00 min

Lab File: BE098287.D

Acq: 30 Nov 2018 15:22

Instrument :

BNA_G

ClientSampleId :

PB115203BSD

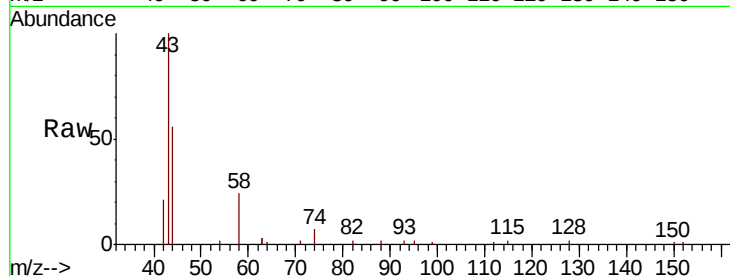
Tot Ion: 42 Resp: 937

Ion Ratio Lower Upper

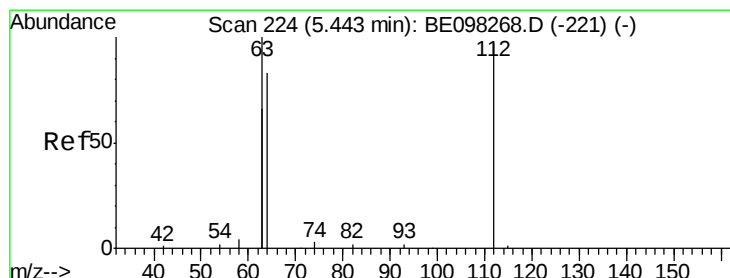
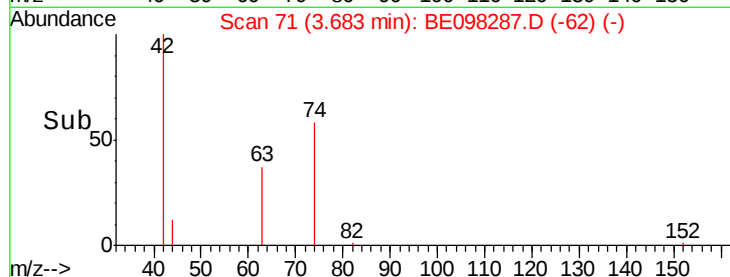
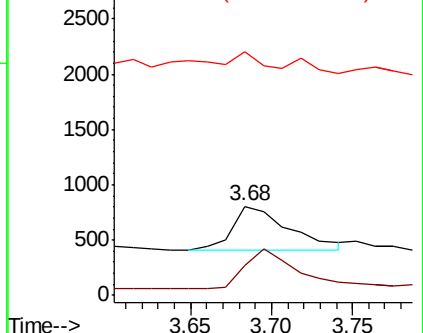
42 100

74 84.5 0.0 0.0#

44 0.0 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: 0.373 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098287.D

Acq: 30 Nov 2018 15:22

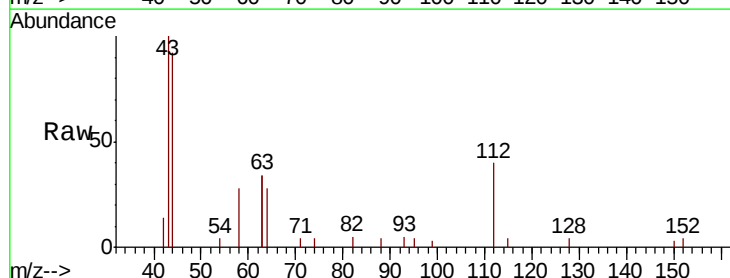
Tgt Ion: 112 Resp: 1397

Ion Ratio Lower Upper

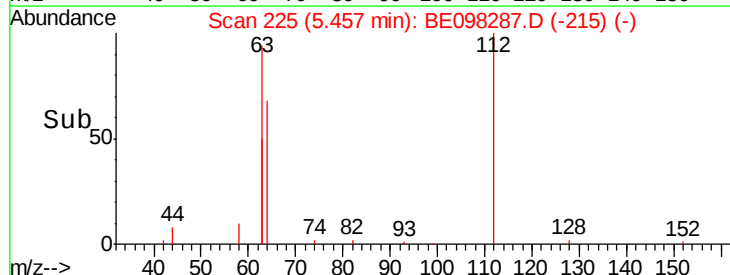
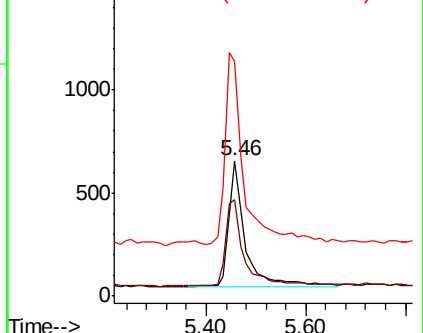
112 100

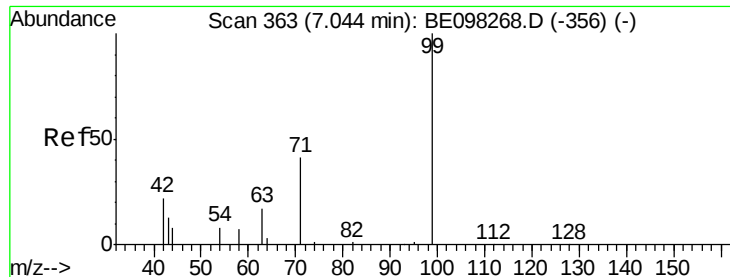
64 75.2 59.8 89.8

63 181.1 133.7 200.5



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: 0.317 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098287.D

Acq: 30 Nov 2018 15:22

Instrument :

BNA_G

ClientSampleId :

PB115203BSD

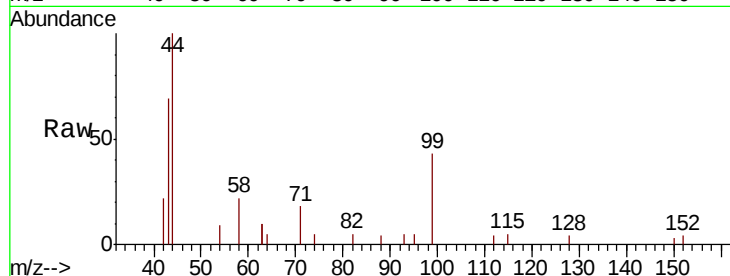
Tot Ion: 99 Resp: 1673

Ion Ratio Lower Upper

99 100

42 30.1 26.3 39.5

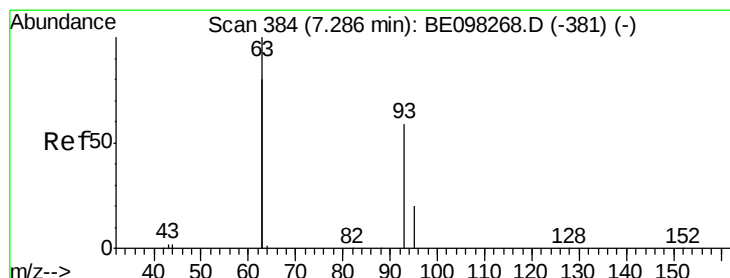
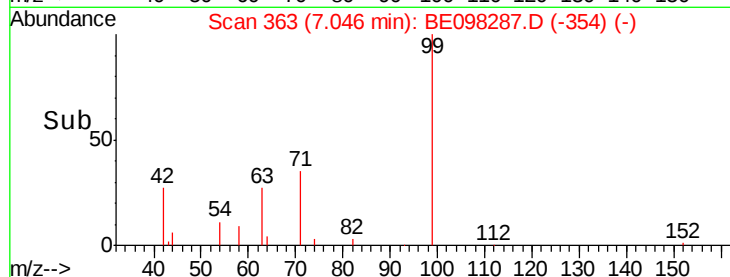
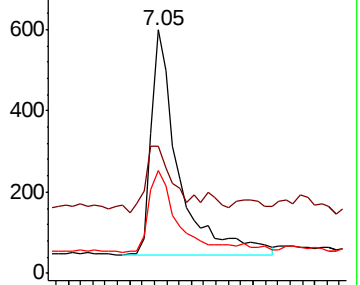
71 41.8 33.6 50.4



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



#6

bis(2-Chloroethyl)ether

Concen: 0.320 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098287.D

Acq: 30 Nov 2018 15:22

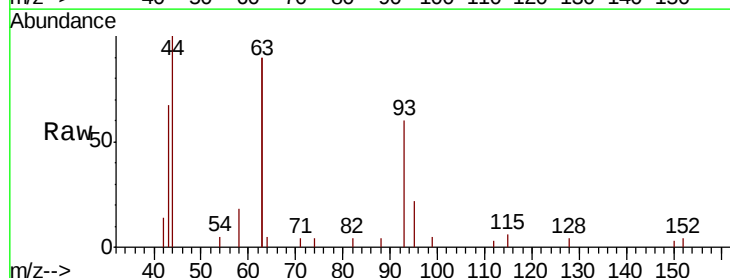
Tgt Ion: 93 Resp: 1554

Ion Ratio Lower Upper

93 100

63 340.1 264.4 396.6

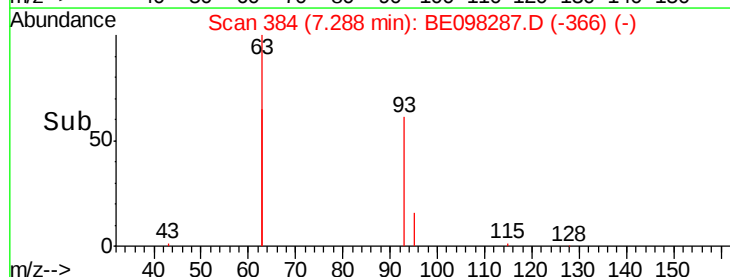
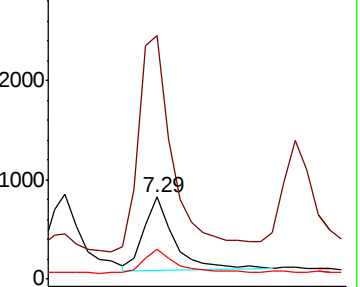
95 36.0 26.6 40.0

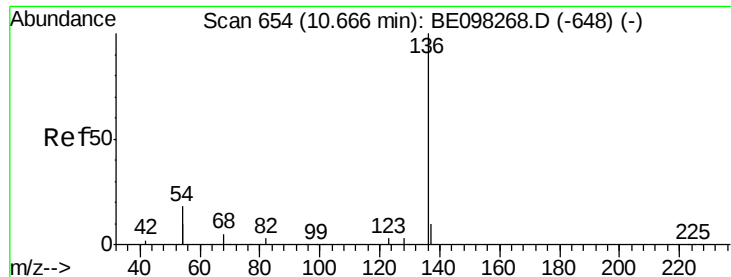


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098287.D

Acq: 30 Nov 2018 15:22

Instrument :

BNA_G

ClientSampleId :

PB115203BSD

Tot Ion:136 Resp: 5324

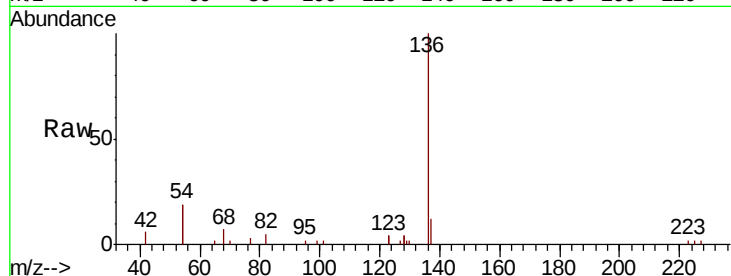
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 38.8 28.4 42.6

68 6.8 5.4 8.0

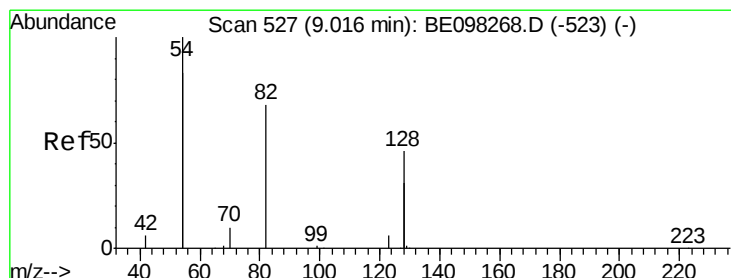
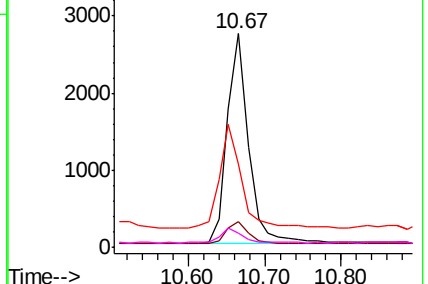
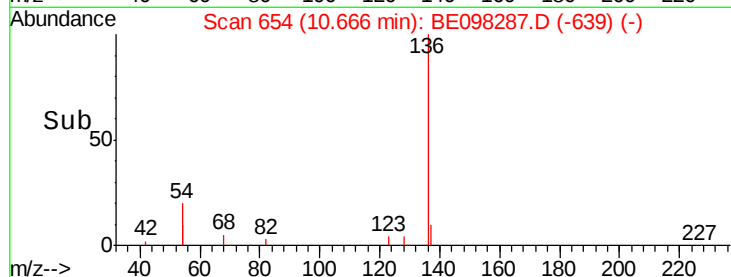


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.364 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098287.D

Acq: 30 Nov 2018 15:22

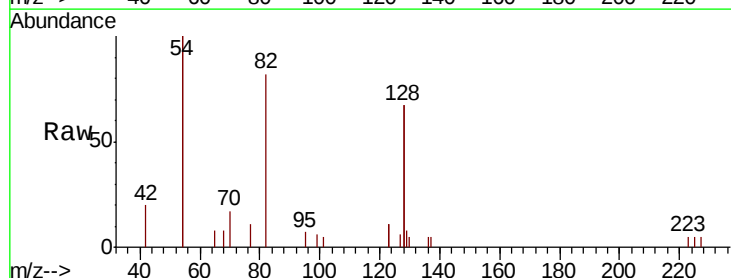
Tgt Ion: 82 Resp: 1965

Ion Ratio Lower Upper

82 100

128 164.9 102.4 153.6#

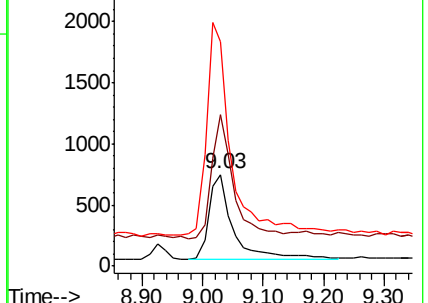
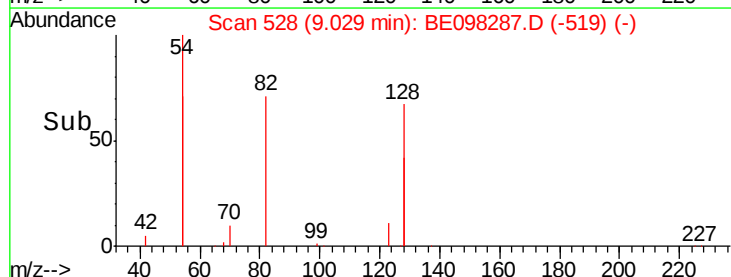
54 244.7 221.8 332.8

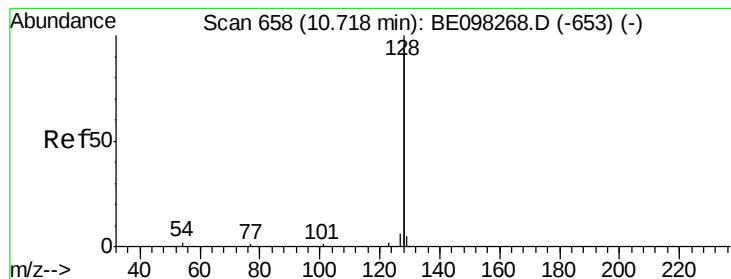


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.415 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098287.D

Acq: 30 Nov 2018 15:22

Instrument :

BNA_G

ClientSampleId :

PB115203BSD

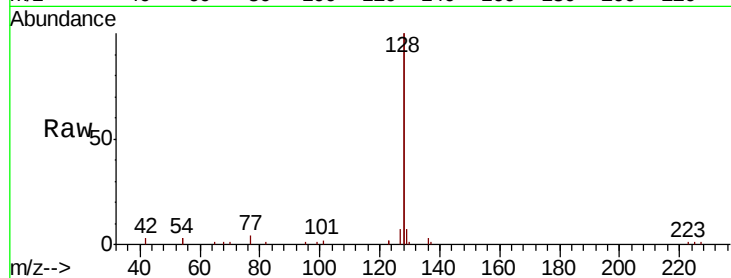
Tot Ion:128 Resp: 22189

Ion Ratio Lower Upper

128 100

129 3.3 2.5 3.7

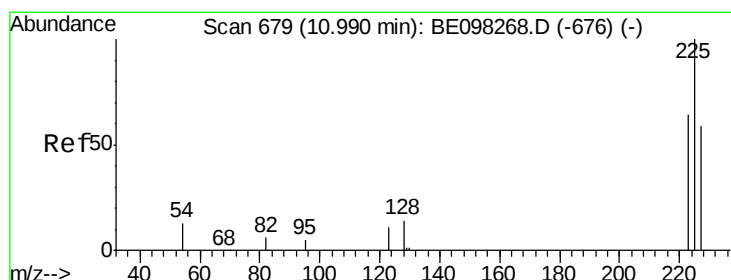
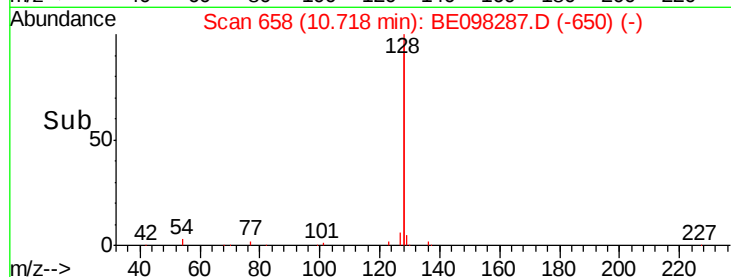
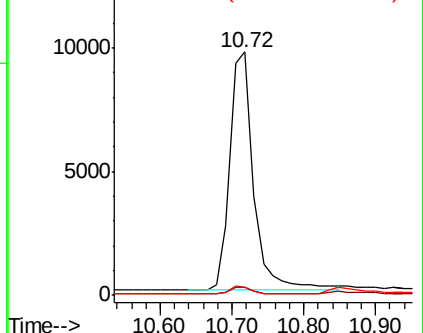
127 3.5 2.7 4.1



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: 0.368 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE098287.D

Acq: 30 Nov 2018 15:22

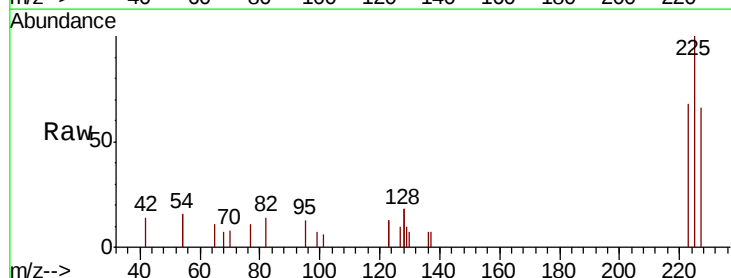
Tgt Ion:225 Resp: 1262

Ion Ratio Lower Upper

225 100

223 63.6 49.4 74.0

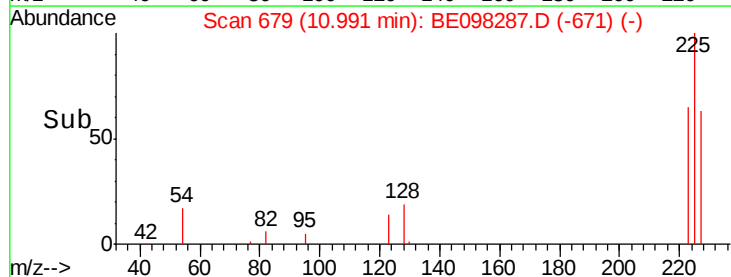
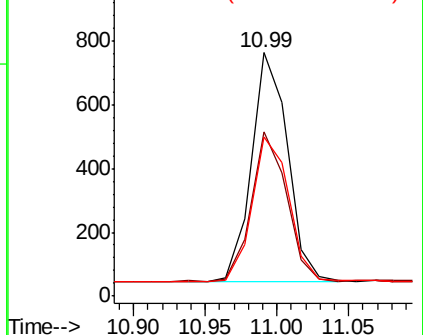
227 64.3 52.0 78.0

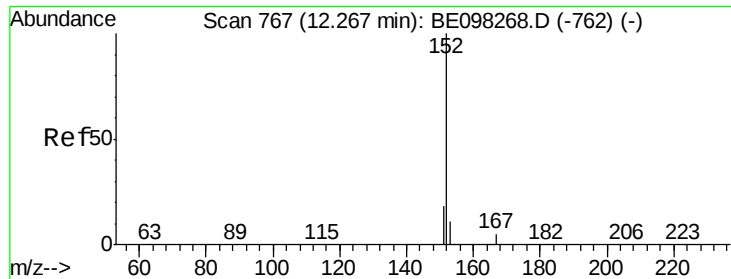


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

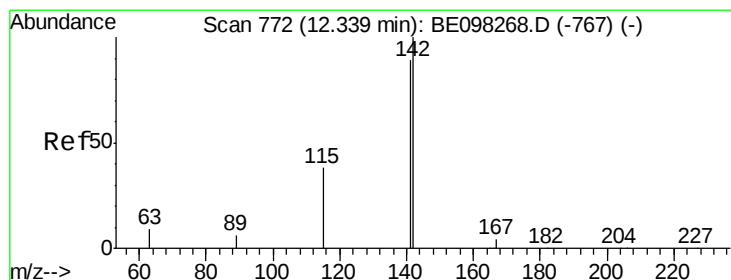
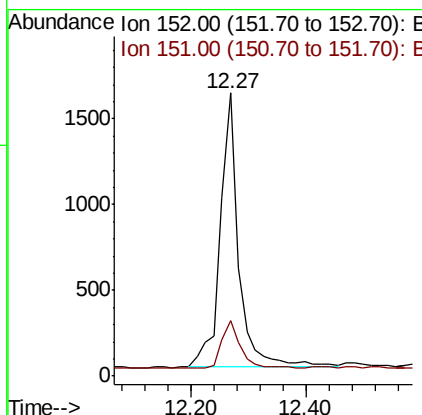
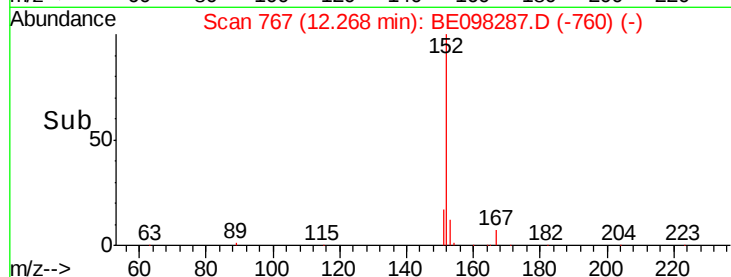
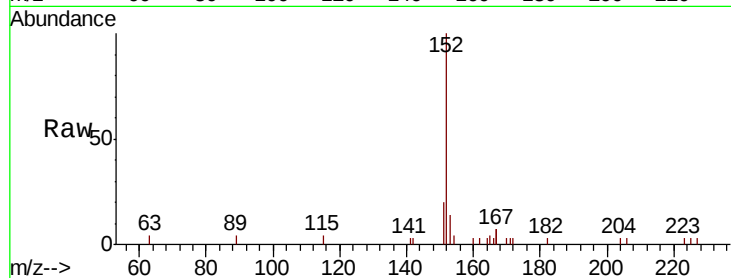




#11
 2-Methylnaphthalene-d10
 Concen: 0.413 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE098287.D
 Acq: 30 Nov 2018 15:22

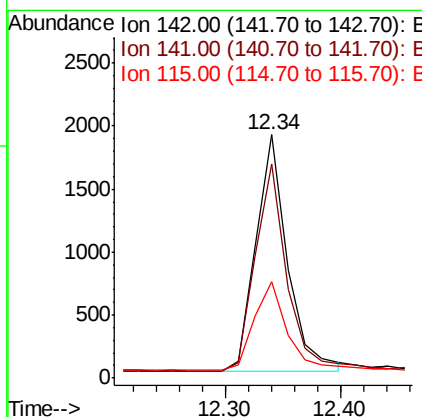
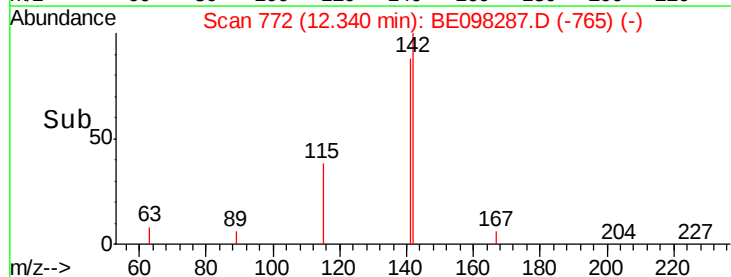
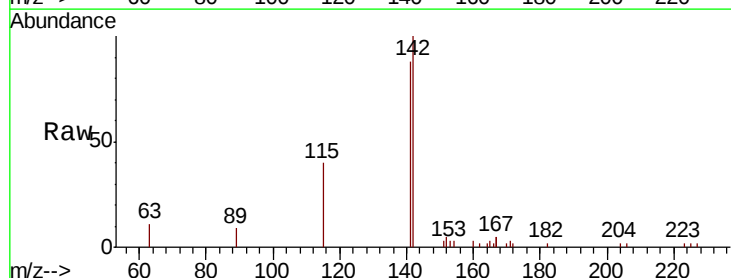
Instrument :
 BNA_G
 ClientSampleId :
 PB115203BSD

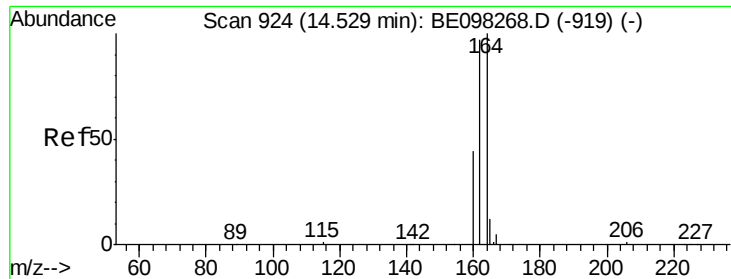
Tot Ion:152 Resp: 3568
 Ion Ratio Lower Upper
 152 100
 151 17.4 16.2 24.4



#12
 2-Methylnaphthalene
 Concen: 0.399 ng
 RT: 12.34 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BE098287.D
 Acq: 30 Nov 2018 15:22

Tgt Ion:142 Resp: 3546
 Ion Ratio Lower Upper
 142 100
 141 87.9 71.0 106.6
 115 39.8 32.2 48.2

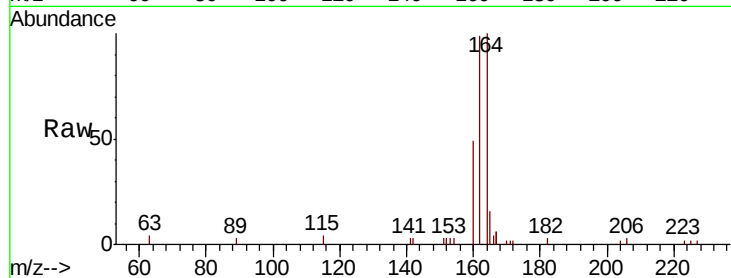




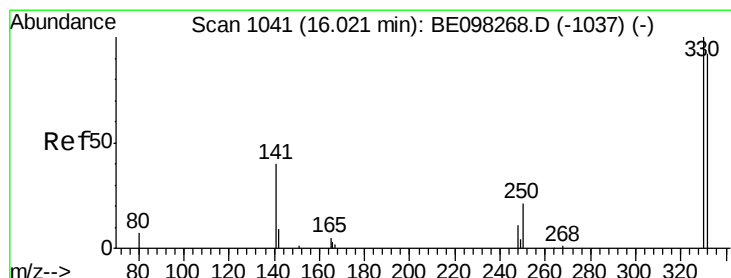
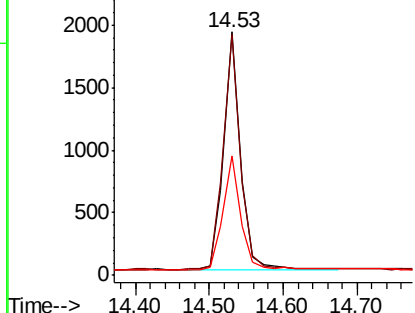
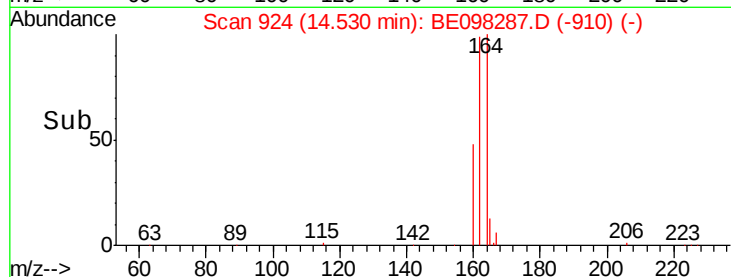
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098287.D
Acq: 30 Nov 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PB115203BSD

Tot Ion:164 Resp: 3003
Ion Ratio Lower Upper
164 100
162 99.0 77.6 116.4
160 49.2 36.0 54.0

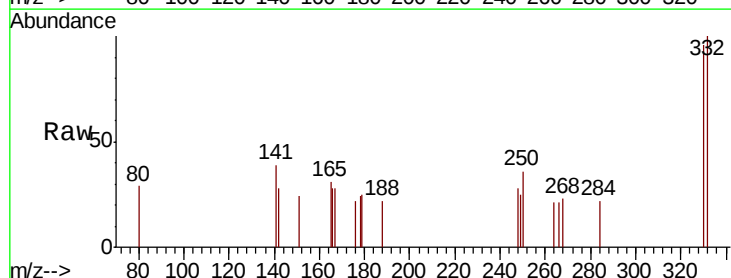


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

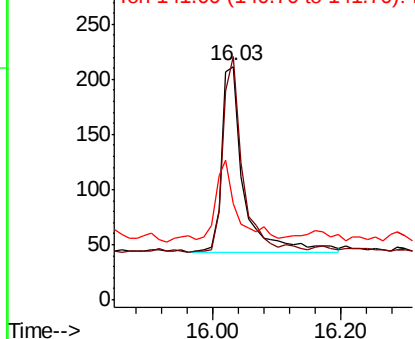
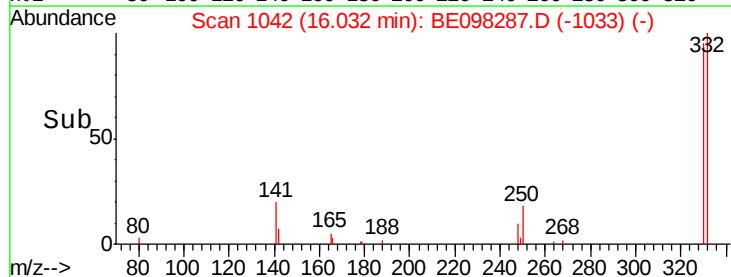


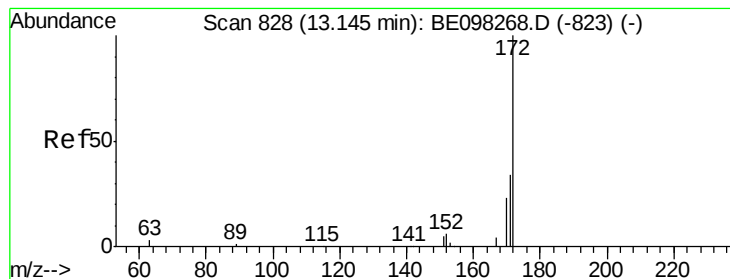
#14
2,4,6-Tribromophenol
Concen: 0.287 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098287.D
Acq: 30 Nov 2018 15:22

Tgt Ion:330 Resp: 408
Ion Ratio Lower Upper
330 100
332 93.9 76.2 114.4
141 39.0 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: 0.372 ng

RT: 13.15 min Scan# 828

Delta R.T. 0.00 min

Lab File: BE098287.D

Acq: 30 Nov 2018 15:22

Instrument :

BNA_G

ClientSampleId :

PB115203BSD

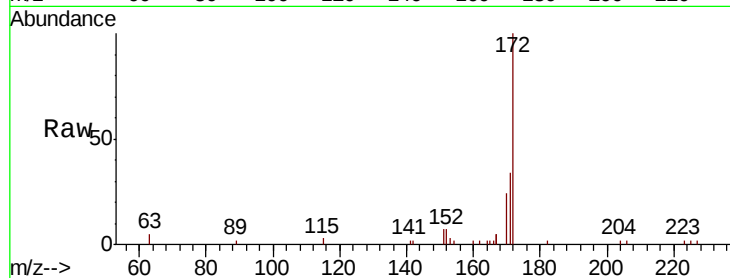
Tot Ion:172 Resp: 4631

Ion Ratio Lower Upper

172 100

171 33.5 27.5 41.3

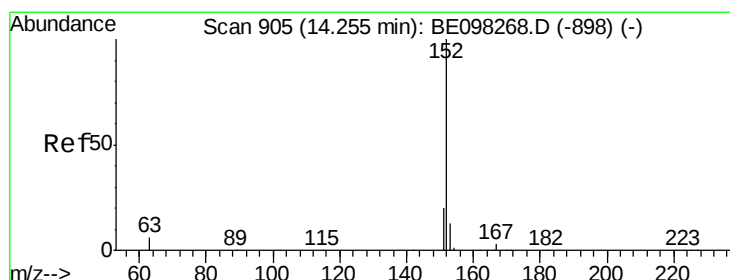
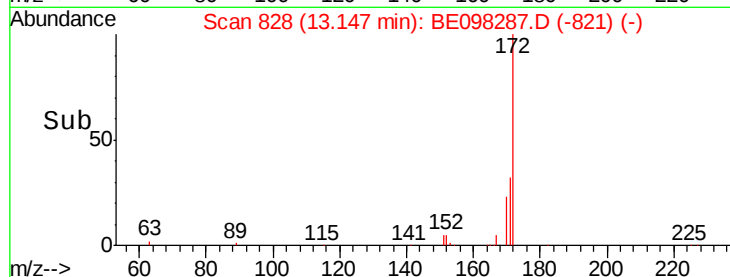
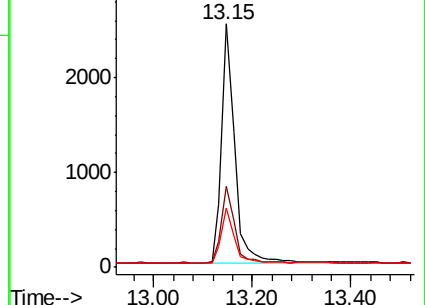
170 24.5 19.6 29.4



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: 0.411 ng

RT: 14.24 min Scan# 904

Delta R.T. -0.01 min

Lab File: BE098287.D

Acq: 30 Nov 2018 15:22

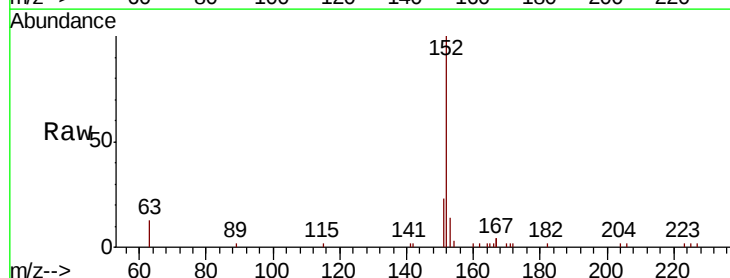
Tgt Ion:152 Resp: 5757

Ion Ratio Lower Upper

152 100

151 20.5 15.5 23.3

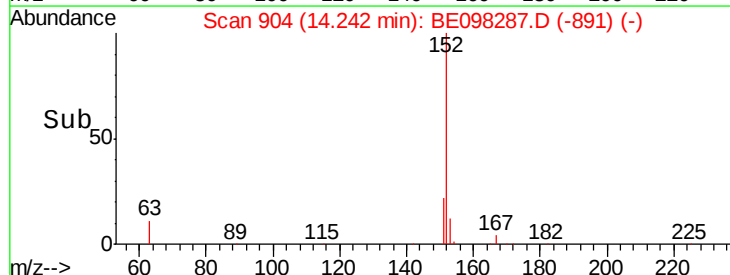
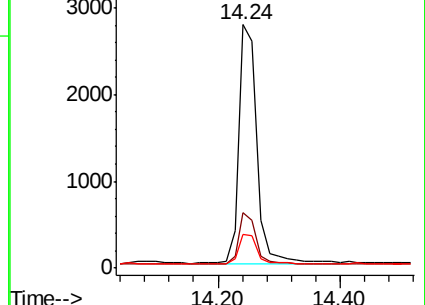
153 12.8 10.6 16.0

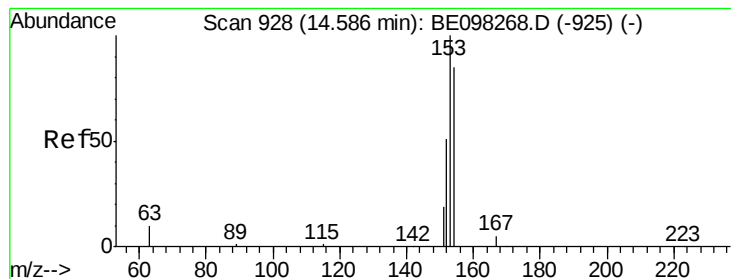


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.395 ng

RT: 14.59 min Scan# 928

Delta R.T. 0.00 min

Lab File: BE098287.D

Acq: 30 Nov 2018 15:22

Instrument :

BNA_G

ClientSampleId :

PB115203BSD

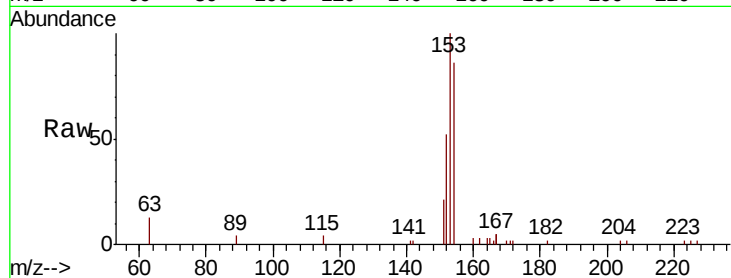
Tot Ion:154 Resp: 3298

Ion Ratio Lower Upper

154 100

153 113.5 91.8 137.6

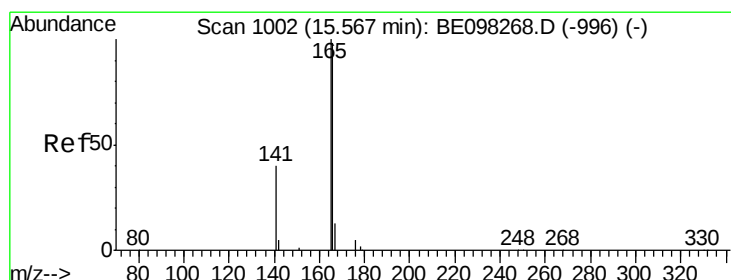
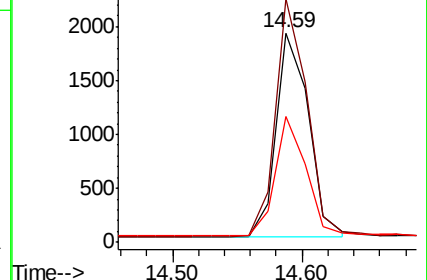
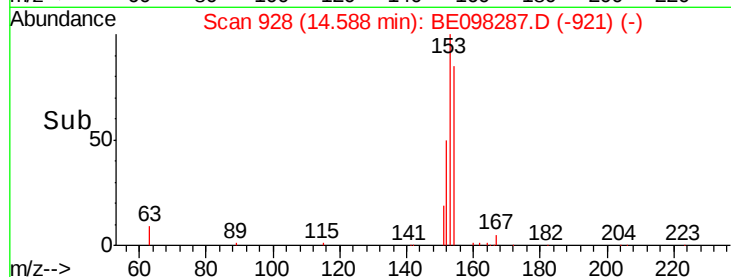
152 55.6 45.5 68.3



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: 0.391 ng

RT: 15.57 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE098287.D

Acq: 30 Nov 2018 15:22

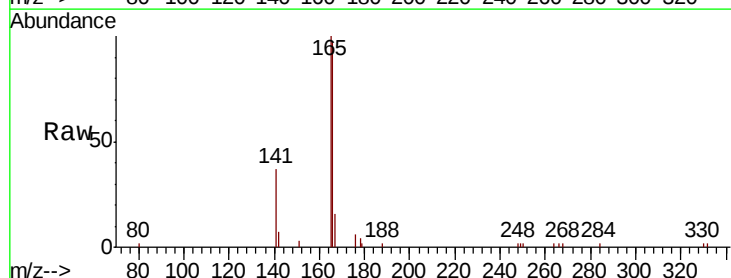
Tgt Ion:166 Resp: 4327

Ion Ratio Lower Upper

166 100

165 98.4 79.3 118.9

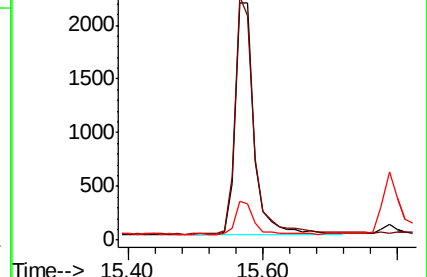
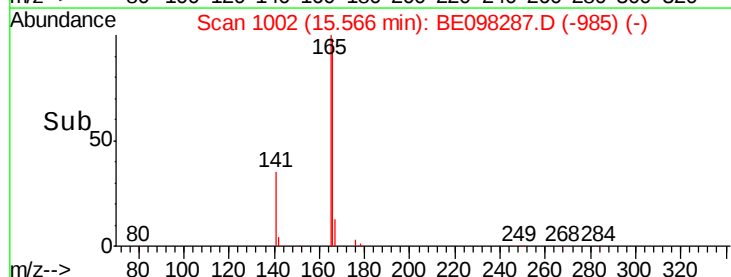
167 14.1 11.3 16.9

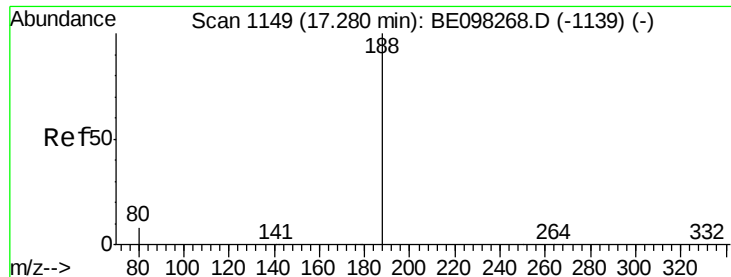


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098287.D

Acq: 30 Nov 2018 15:22

Instrument :

BNA_G

ClientSampleId :

PB115203BSD

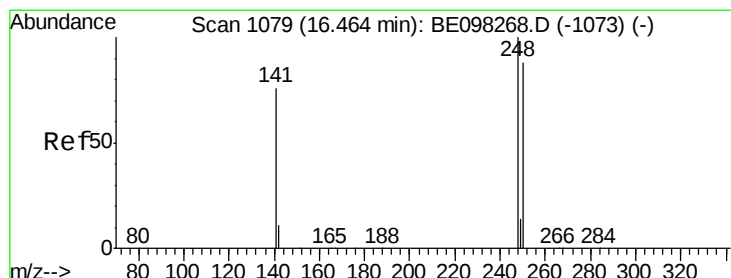
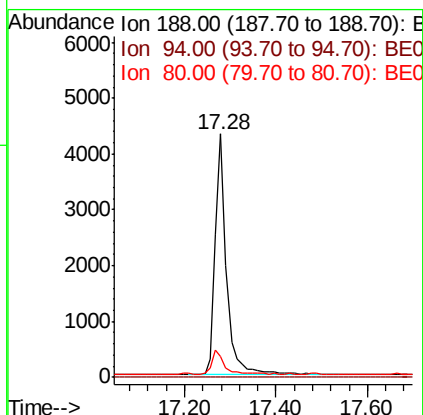
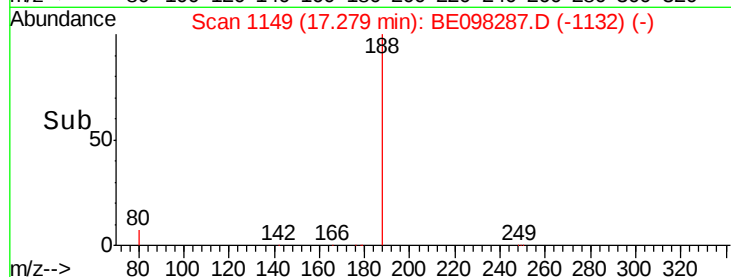
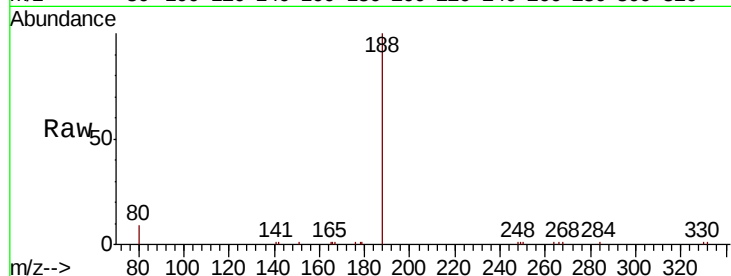
Tot Ion:188 Resp: 7530

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.6 7.2 10.8



#20

4-Bromophenyl-phenylether

Concen: 0.342 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098287.D

Acq: 30 Nov 2018 15:22

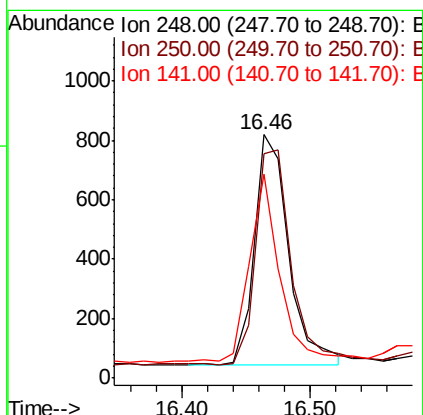
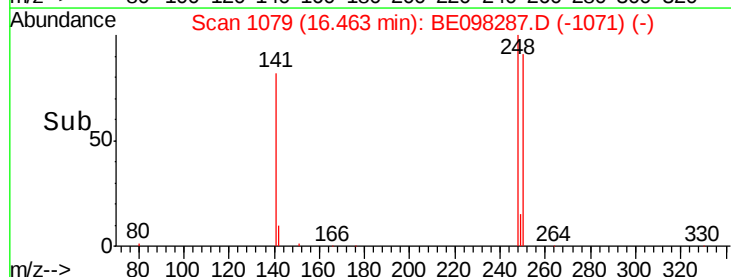
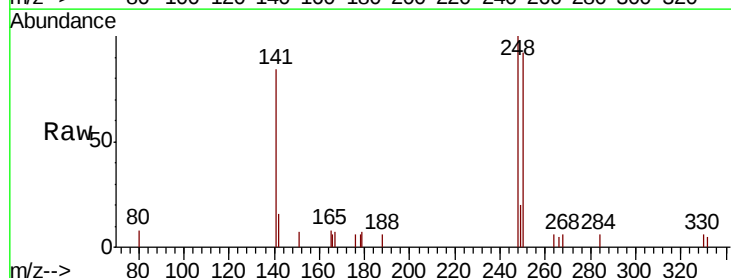
Tgt Ion:248 Resp: 1459

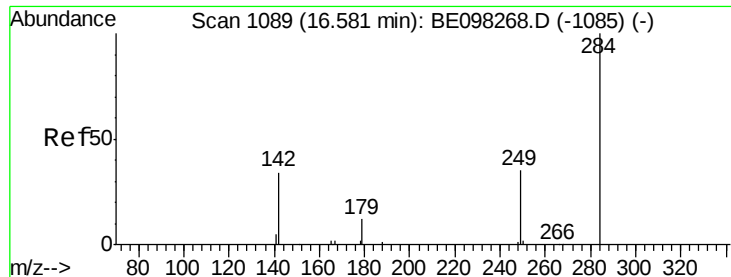
Ion Ratio Lower Upper

248 100

250 91.9 71.0 106.6

141 83.9 62.1 93.1





#21

Hexachlorobenzene

Concen: 0.355 ng

RT: 16.58 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BE098287.D

Acq: 30 Nov 2018 15:22

Instrument :

BNA_G

ClientSampleId :

PB115203BSD

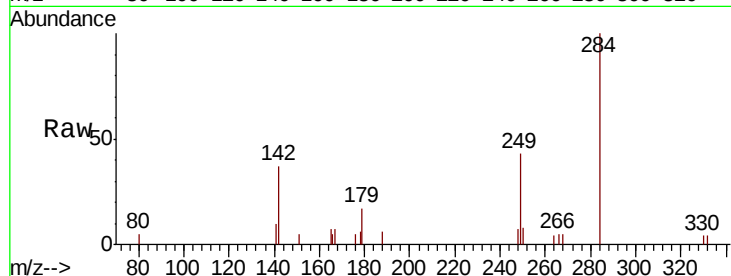
Tot Ion:284 Resp: 1566

Ion Ratio Lower Upper

284 100

142 35.2 26.3 39.5

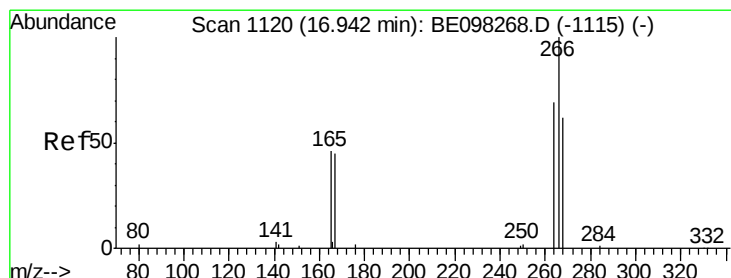
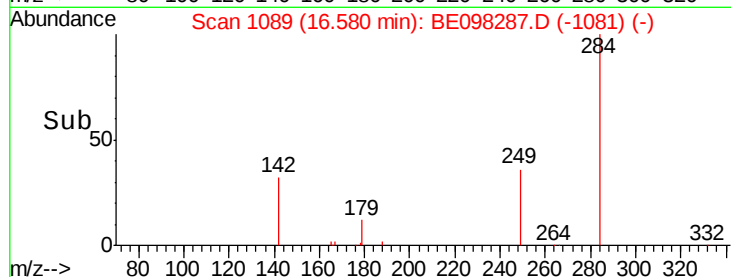
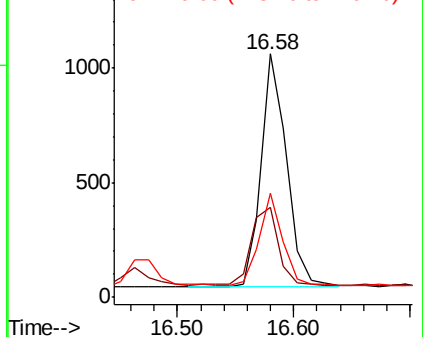
249 35.6 26.0 39.0



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: 0.537 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098287.D

Acq: 30 Nov 2018 15:22

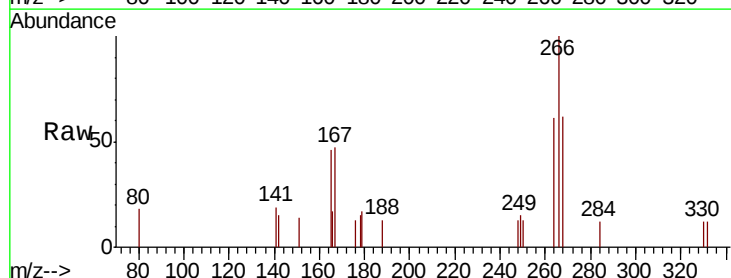
Tgt Ion:266 Resp: 786

Ion Ratio Lower Upper

266 100

264 61.1 59.0 88.4

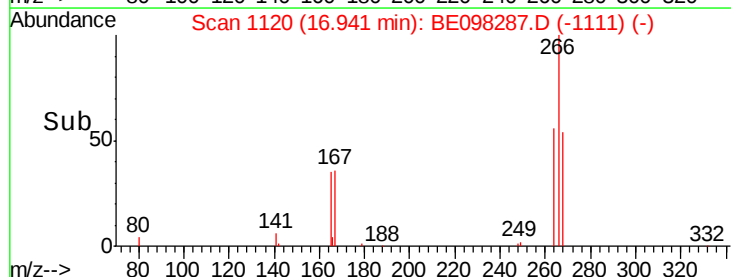
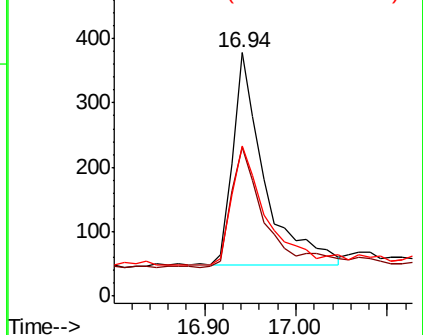
268 61.9 55.1 82.7

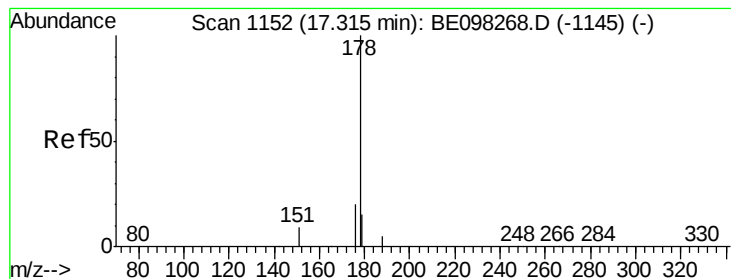


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.388 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098287.D

Acq: 30 Nov 2018 15:22

Instrument :

BNA_G

ClientSampleId :

PB115203BSD

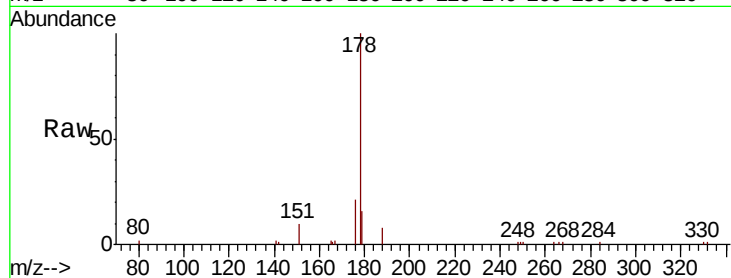
Tot Ion:178 Resp: 7262

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

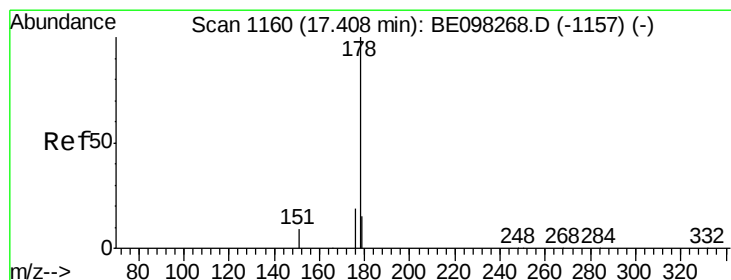
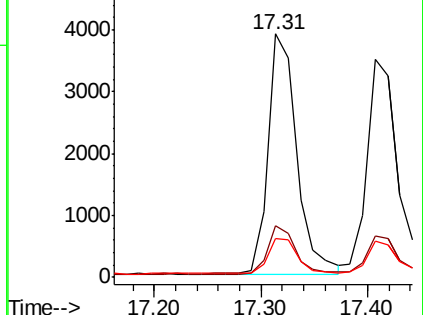
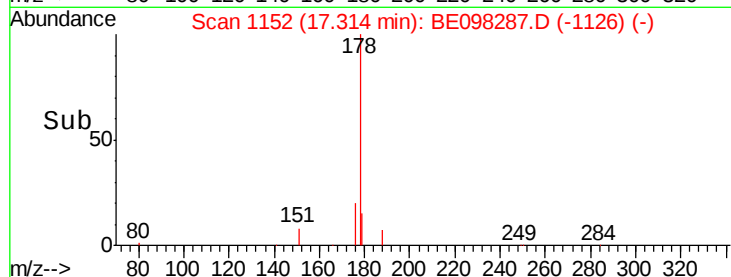
179 15.1 12.3 18.5



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: 0.392 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098287.D

Acq: 30 Nov 2018 15:22

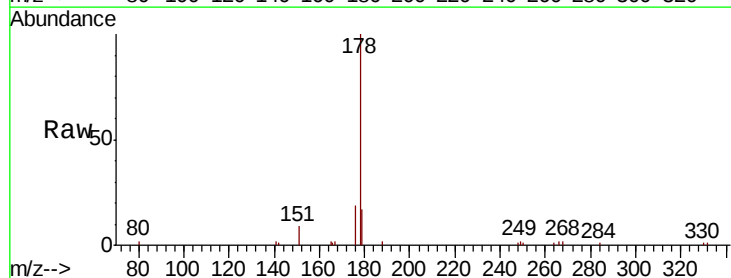
Tgt Ion:178 Resp: 6825

Ion Ratio Lower Upper

178 100

176 17.8 15.0 22.4

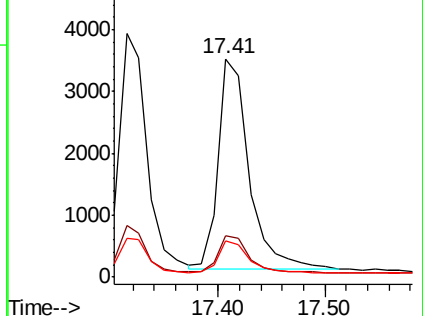
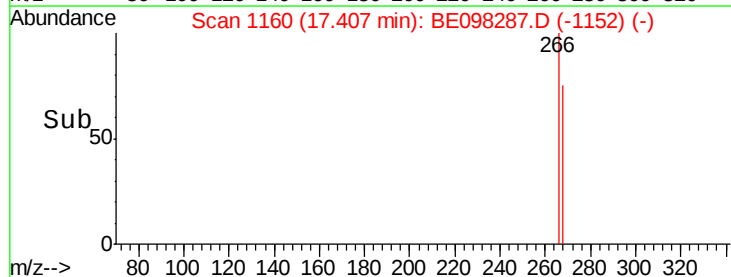
179 14.8 12.3 18.5

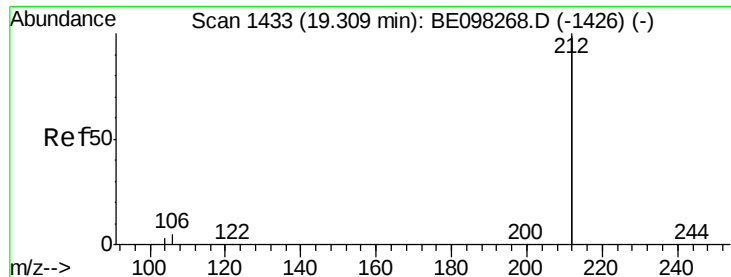


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.395 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE098287.D

Acq: 30 Nov 2018 15:22

Instrument :

BNA_G

ClientSampleId :

PB115203BSD

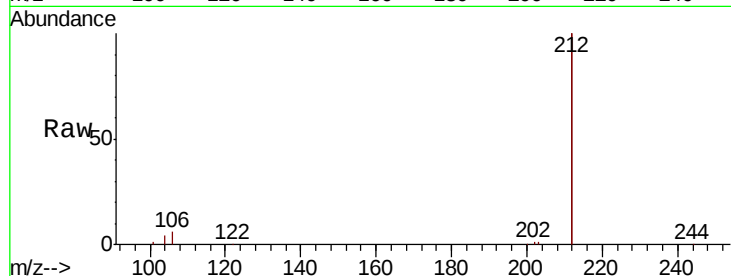
Tot Ion:212 Resp: 40161

Ion Ratio Lower Upper

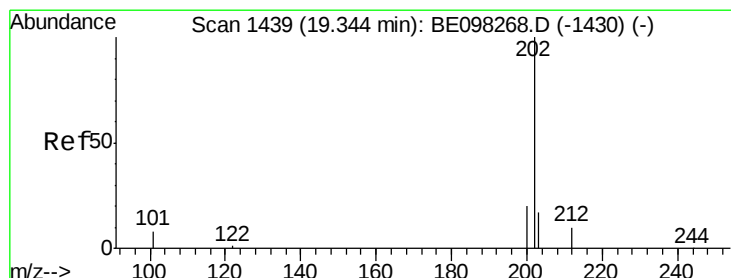
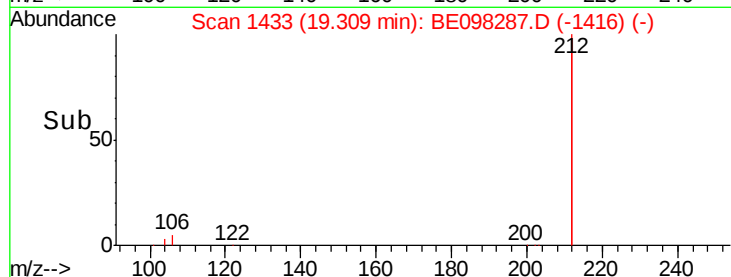
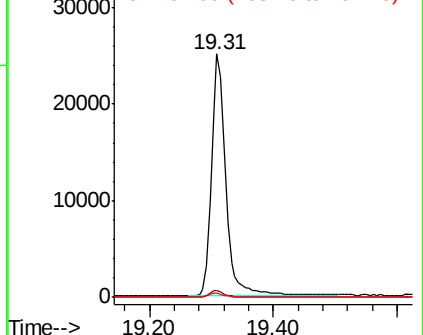
212 100

106 2.7 2.2 3.2

104 1.5 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: 0.409 ng

RT: 19.34 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BE098287.D

Acq: 30 Nov 2018 15:22

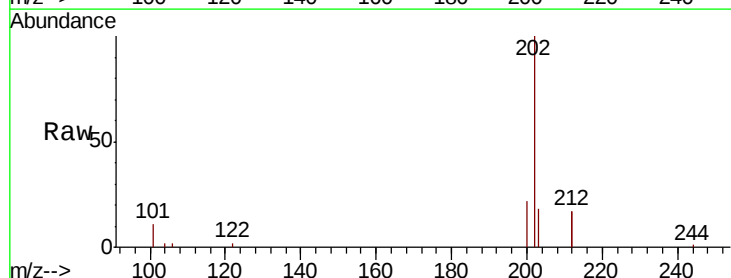
Tgt Ion:202 Resp: 10452

Ion Ratio Lower Upper

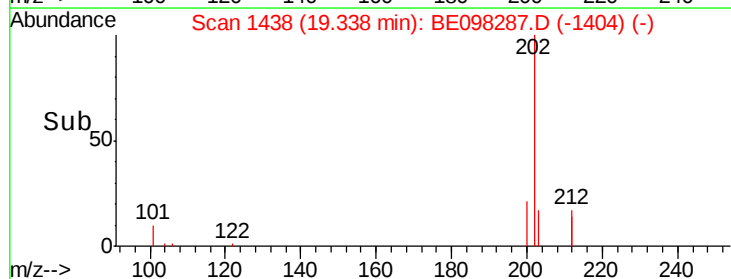
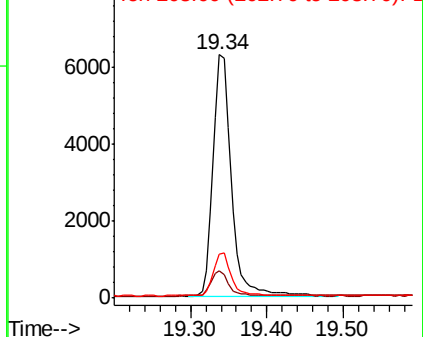
202 100

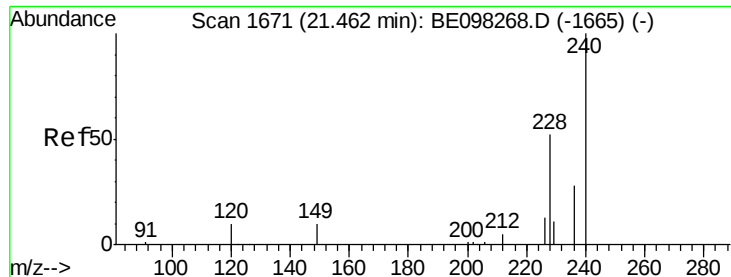
101 10.1 8.0 12.0

203 16.8 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

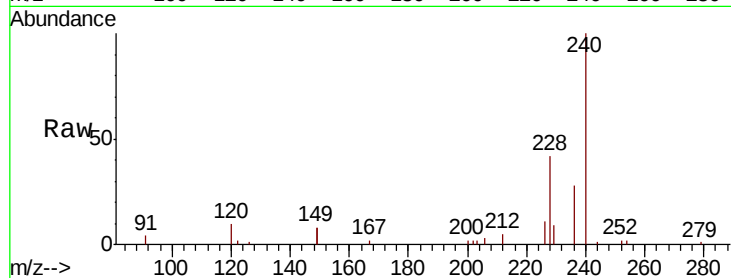




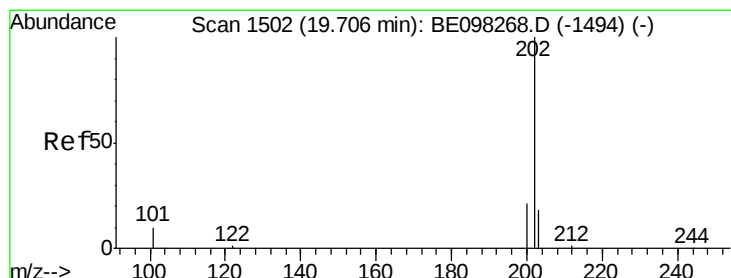
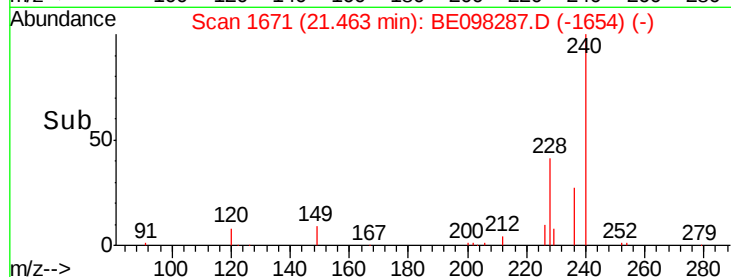
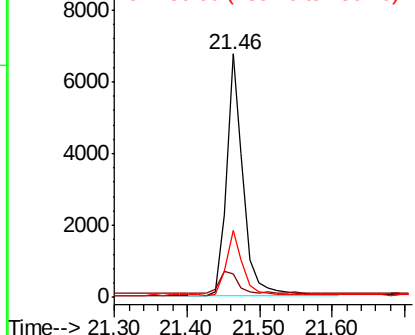
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE098287.D
Acq: 30 Nov 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PB115203BSD

Tot Ion:240 Resp: 10935
Ion Ratio Lower Upper
240 100
120 9.7 9.5 14.3
236 27.6 22.7 34.1

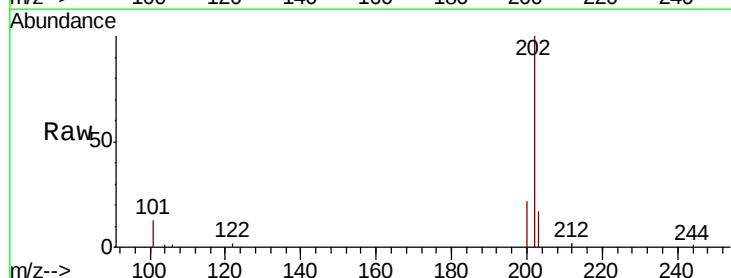


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

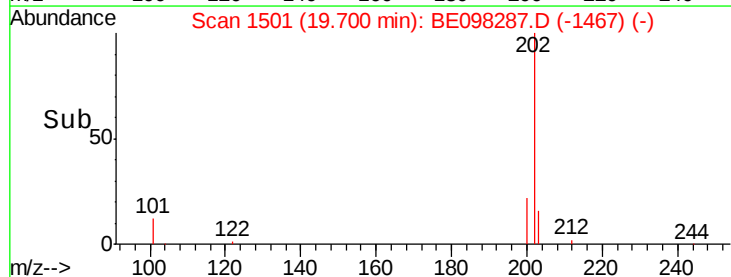
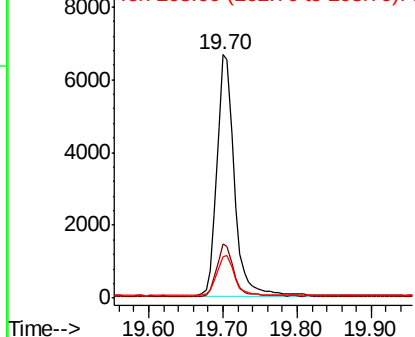


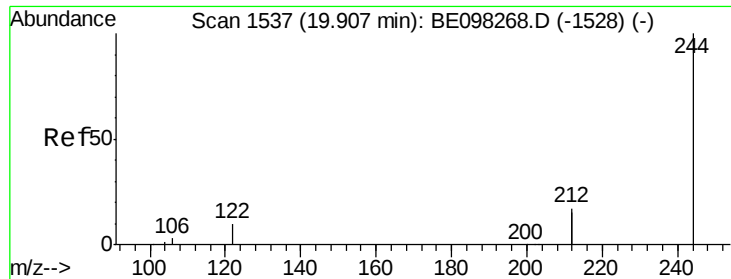
#28
Pyrene
Concen: 0.359 ng
RT: 19.70 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BE098287.D
Acq: 30 Nov 2018 15:22

Tgt Ion:202 Resp: 10883
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.3 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: 0.296 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098287.D

Acq: 30 Nov 2018 15:22

Instrument :

BNA_G

ClientSampleId :

PB115203BSD

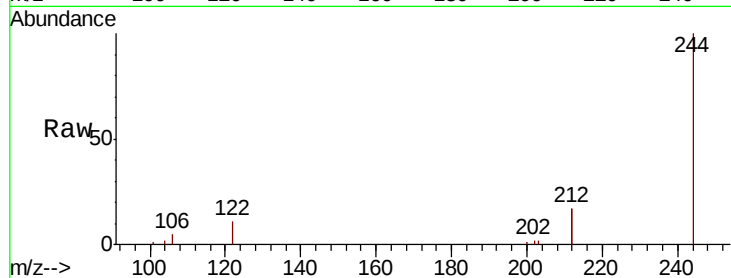
Tot Ion:244 Resp: 7274

Ion Ratio Lower Upper

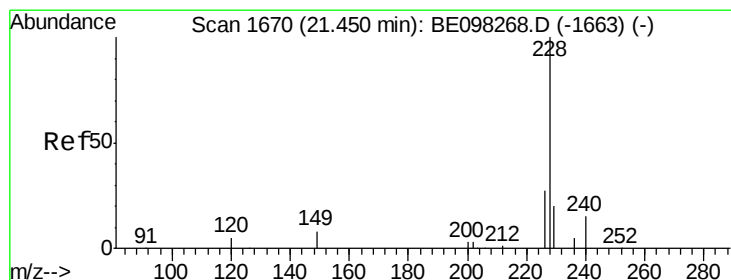
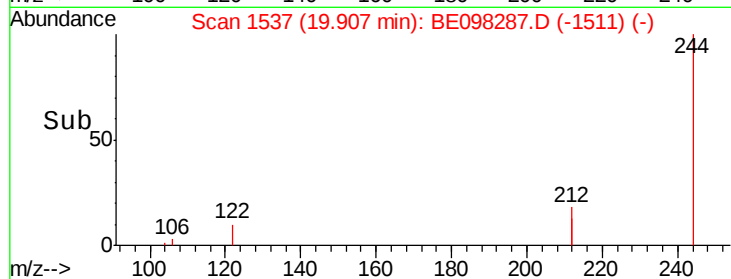
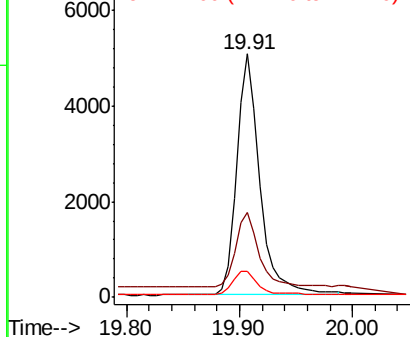
244 100

212 34.8 27.4 41.0

122 10.7 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: 0.408 ng

RT: 21.45 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BE098287.D

Acq: 30 Nov 2018 15:22

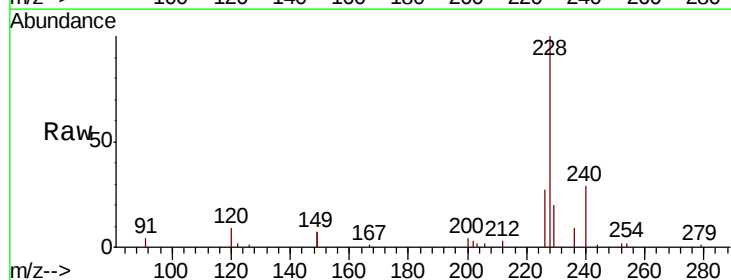
Tgt Ion:228 Resp: 13146

Ion Ratio Lower Upper

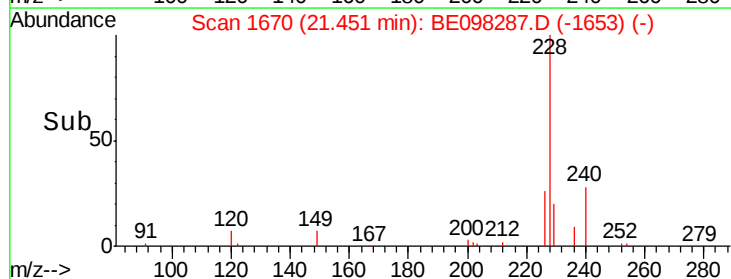
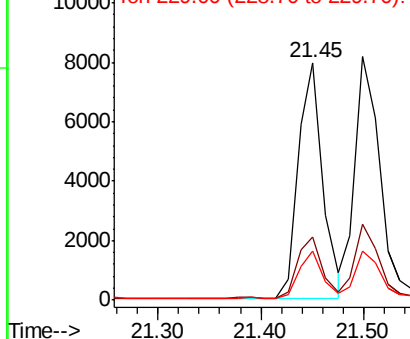
228 100

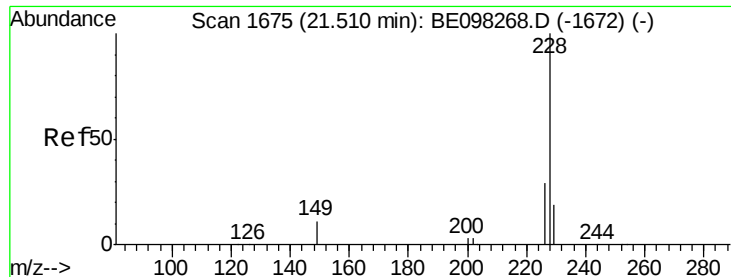
226 26.8 21.8 32.8

229 20.4 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: 0.413 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BE098287.D

Acq: 30 Nov 2018 15:22

Instrument :

BNA_G

ClientSampleId :

PB115203BSD

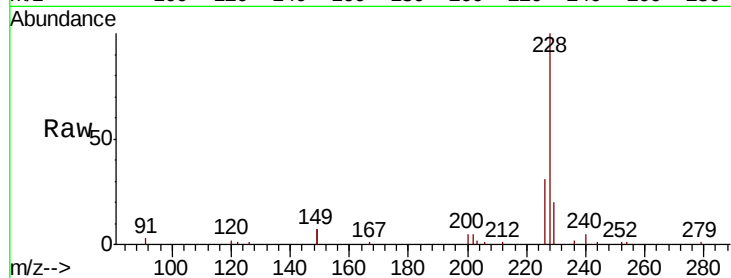
Tot Ion:228 Resp: 13513

Ion Ratio Lower Upper

228 100

226 31.1 23.4 35.0

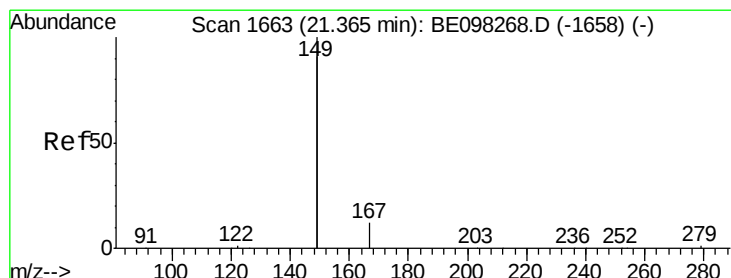
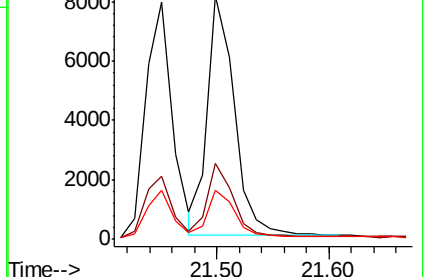
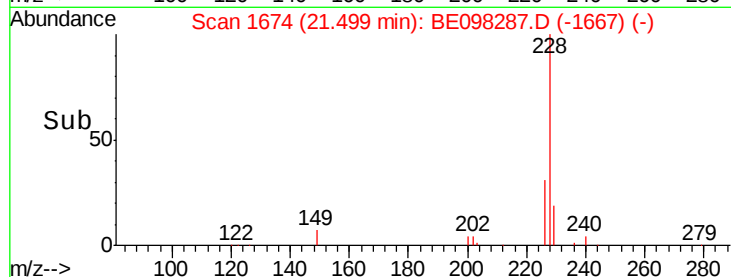
229 20.0 16.2 24.4



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: 0.328 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098287.D

Acq: 30 Nov 2018 15:22

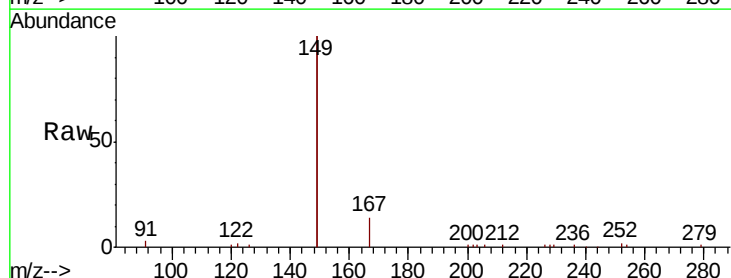
Tgt Ion:149 Resp: 25306

Ion Ratio Lower Upper

149 100

167 7.1 5.7 8.5

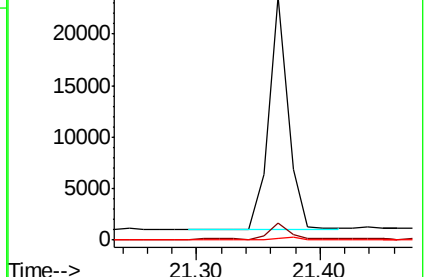
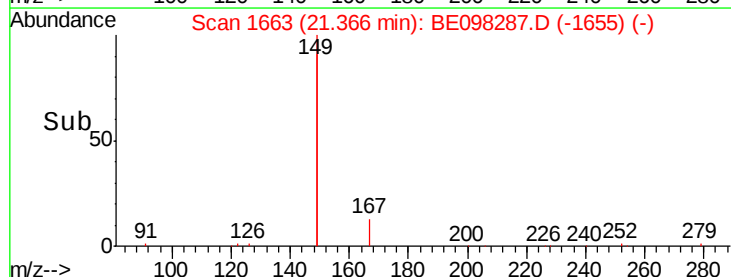
279 1.0 1.0 1.4

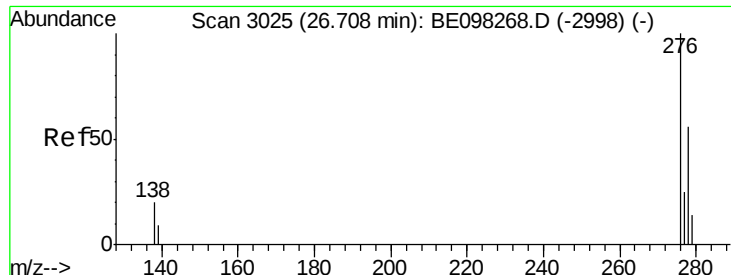


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

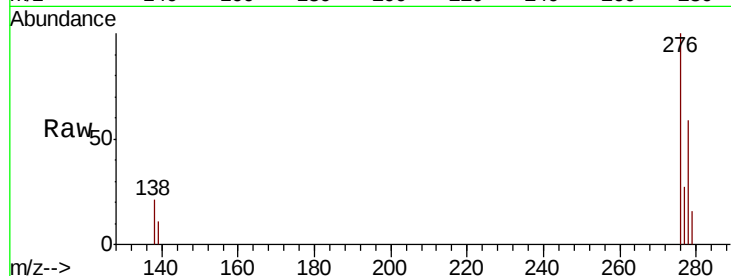




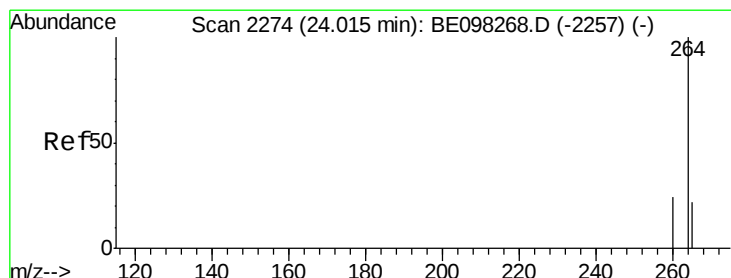
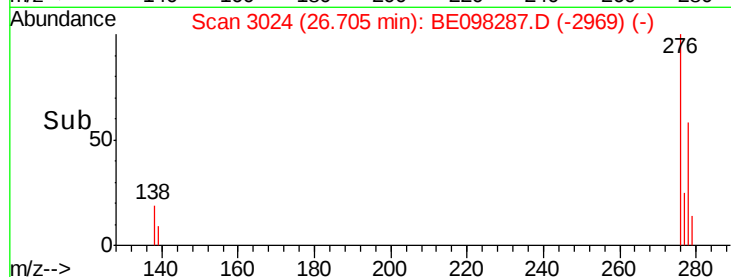
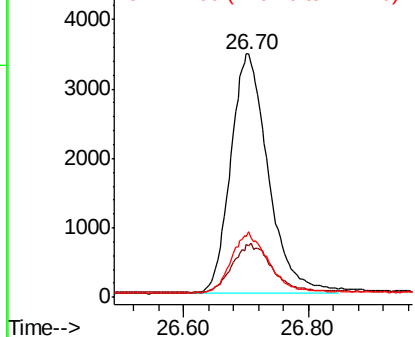
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.439 ng
 RT: 26.70 min Scan# 3024
 Delta R.T. -0.00 min
 Lab File: BE098287.D
 Acq: 30 Nov 2018 15:22

Instrument :
 BNA_G
 ClientSampleId :
 PB115203BSD

Tot Ion:276 Resp: 14509
 Ion Ratio Lower Upper
 276 100
 138 21.6 16.3 24.5
 277 24.5 20.2 30.4

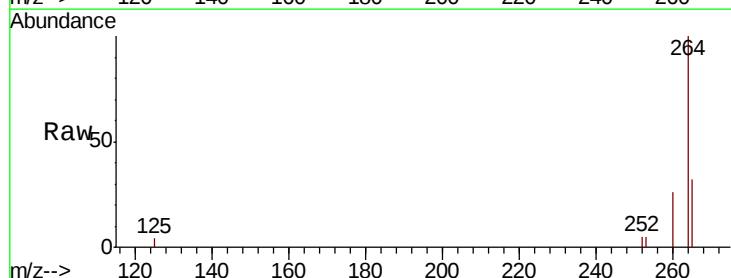


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

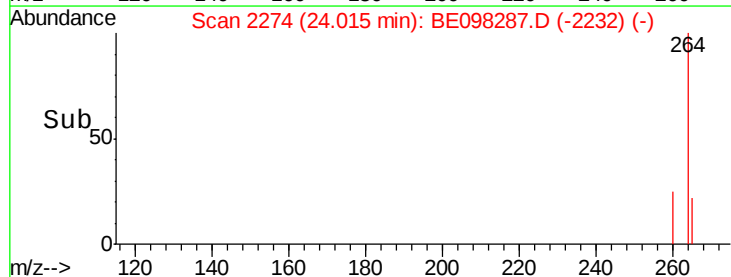
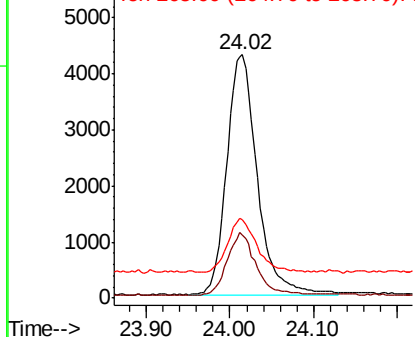


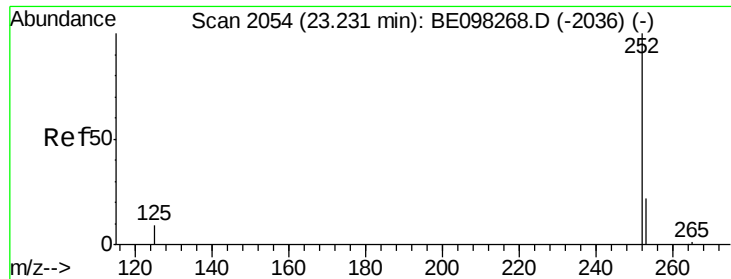
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.02 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: BE098287.D
 Acq: 30 Nov 2018 15:22

Tgt Ion:264 Resp: 10780
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.2 30.2
 265 32.1 25.2 37.8



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: 0.405 ng

RT: 23.23 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BE098287.D

Acq: 30 Nov 2018 15:22

Instrument :

BNA_G

ClientSampleId :

PB115203BSD

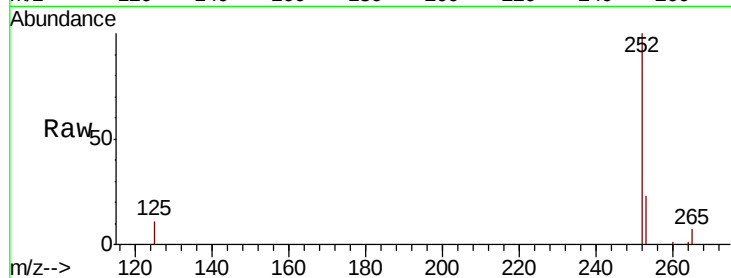
Tot Ion:252 Resp: 12812

Ion Ratio Lower Upper

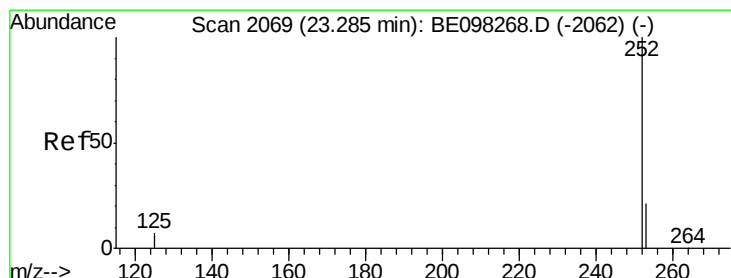
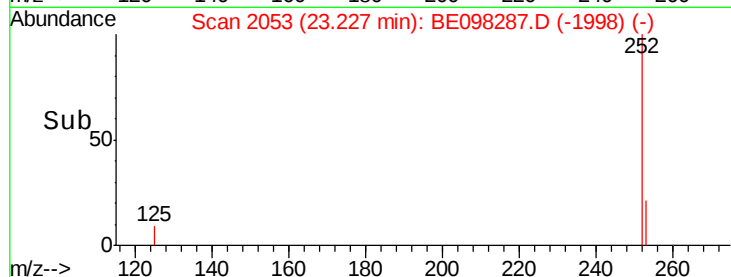
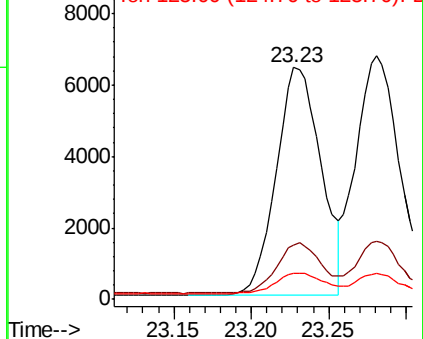
252 100

253 23.5 20.0 30.0

125 11.3 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: 0.407 ng

RT: 23.28 min Scan# 2068

Delta R.T. -0.00 min

Lab File: BE098287.D

Acq: 30 Nov 2018 15:22

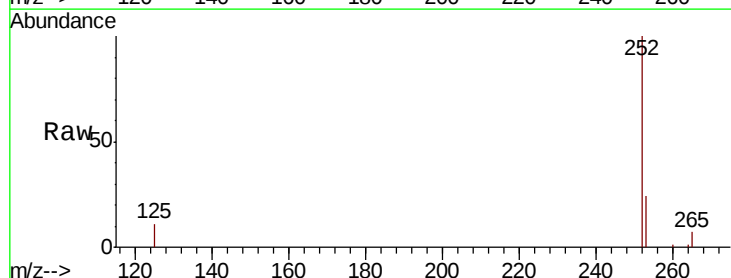
Tgt Ion:252 Resp: 13492

Ion Ratio Lower Upper

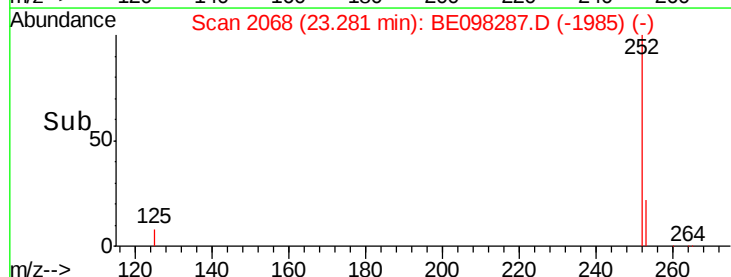
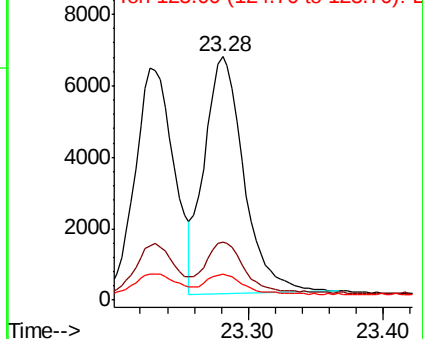
252 100

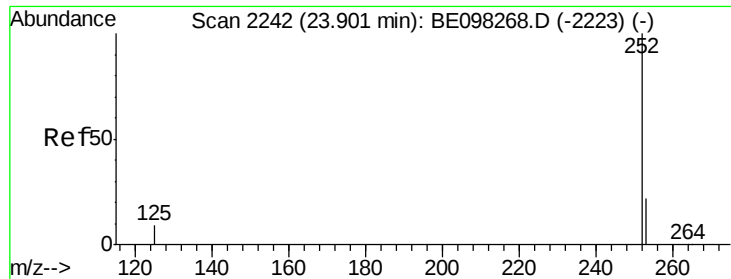
253 23.9 19.0 28.6

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

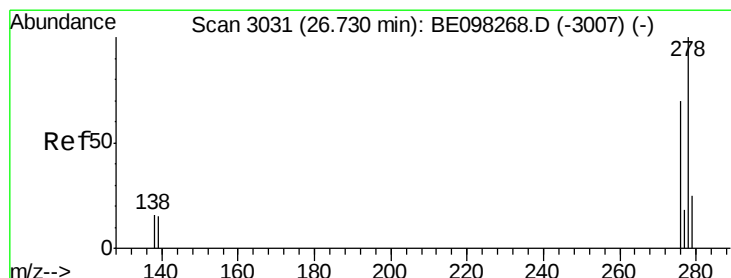
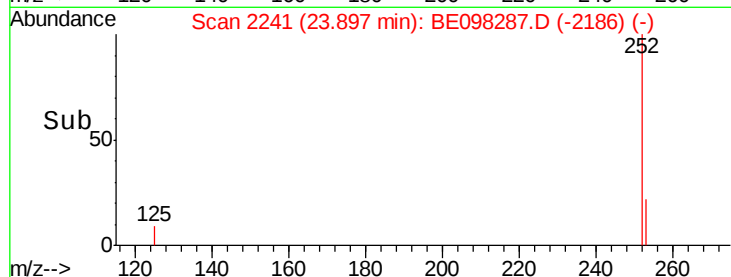
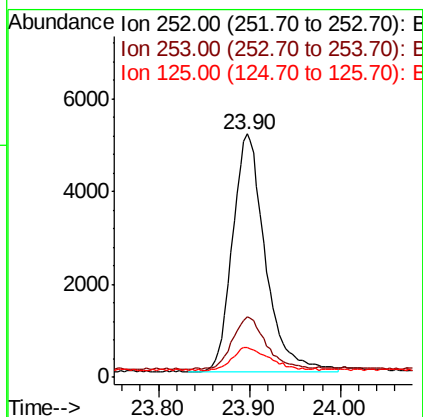
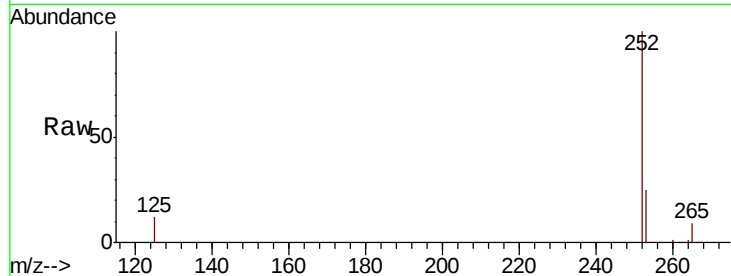




#37
Benzo(a)pyrene
Concen: 0.422 ng
RT: 23.90 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BE098287.D
Acq: 30 Nov 2018 15:22

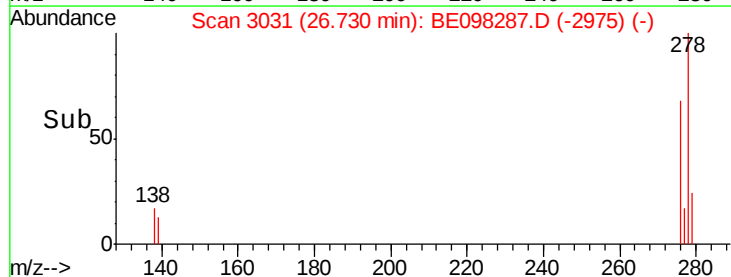
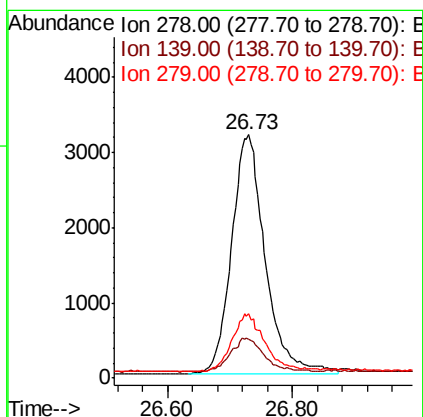
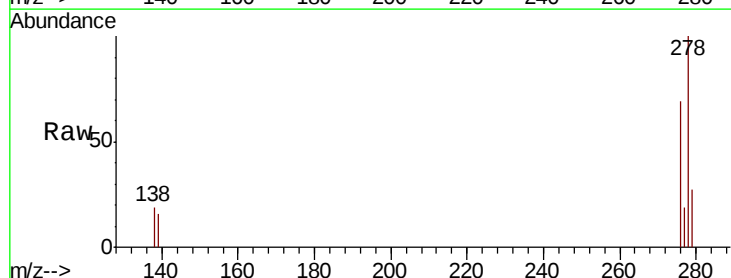
Instrument :
BNA_G
ClientSampleId :
PB115203BSD

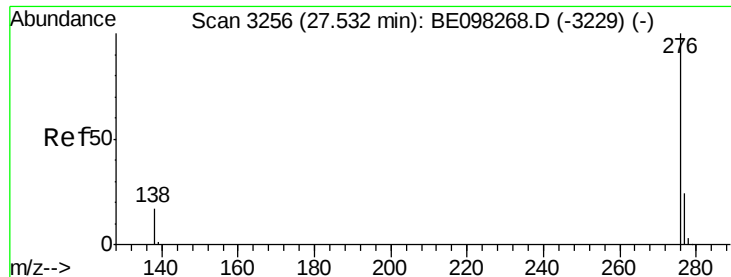
Tot Ion:252 Resp: 12842
Ion Ratio Lower Upper
252 100
253 24.8 20.6 30.8
125 12.0 10.5 15.7



#38
Dibenzo(a,h)anthracene
Concen: 0.413 ng
RT: 26.73 min Scan# 3031
Delta R.T. 0.00 min
Lab File: BE098287.D
Acq: 30 Nov 2018 15:22

Tgt Ion:278 Resp: 11925
Ion Ratio Lower Upper
278 100
139 16.2 14.5 21.7
279 26.6 21.8 32.8





#39

Benzo(a,h,i)perylene

Concen: 0.427 ng

RT: 27.53 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BE098287.D

Acq: 30 Nov 2018 15:22

Instrument :

BNA_G

ClientSampleId :

PB115203BSD

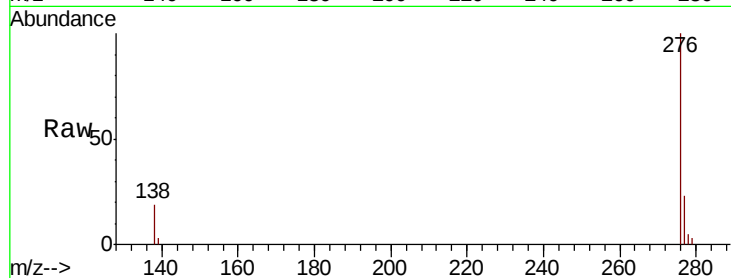
Tot Ion: 276 Resp: 12349

Ion Ratio Lower Upper

276 100

277 23.5 20.8 31.2

138 19.0 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

