

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112918\
 Data File : BE098273.D
 Acq On : 29 Nov 2018 14:36
 Operator : SJ/JU
 Sample : PB115083BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 29 16:15:26 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	1821	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	7382	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4168	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9545	0.40	ng	0.00
27) Chrysene-d12	21.46	240	12193	0.40	ng	0.00
34) Perylene-d12	24.01	264	12418	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	1484	0.31	ng	0.01
5) Phenol-d6	7.04	99	1766	0.26	ng	0.00
8) Nitrobenzene-d5	9.02	82	2071	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	3809	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	429	0.22	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	4726	0.27	ng	0.00
25) Fluoranthene-d10	19.32	212	31756	0.25	ng	0.00
29) Terphenyl-d14	19.91	244	8453	0.31	ng	0.00

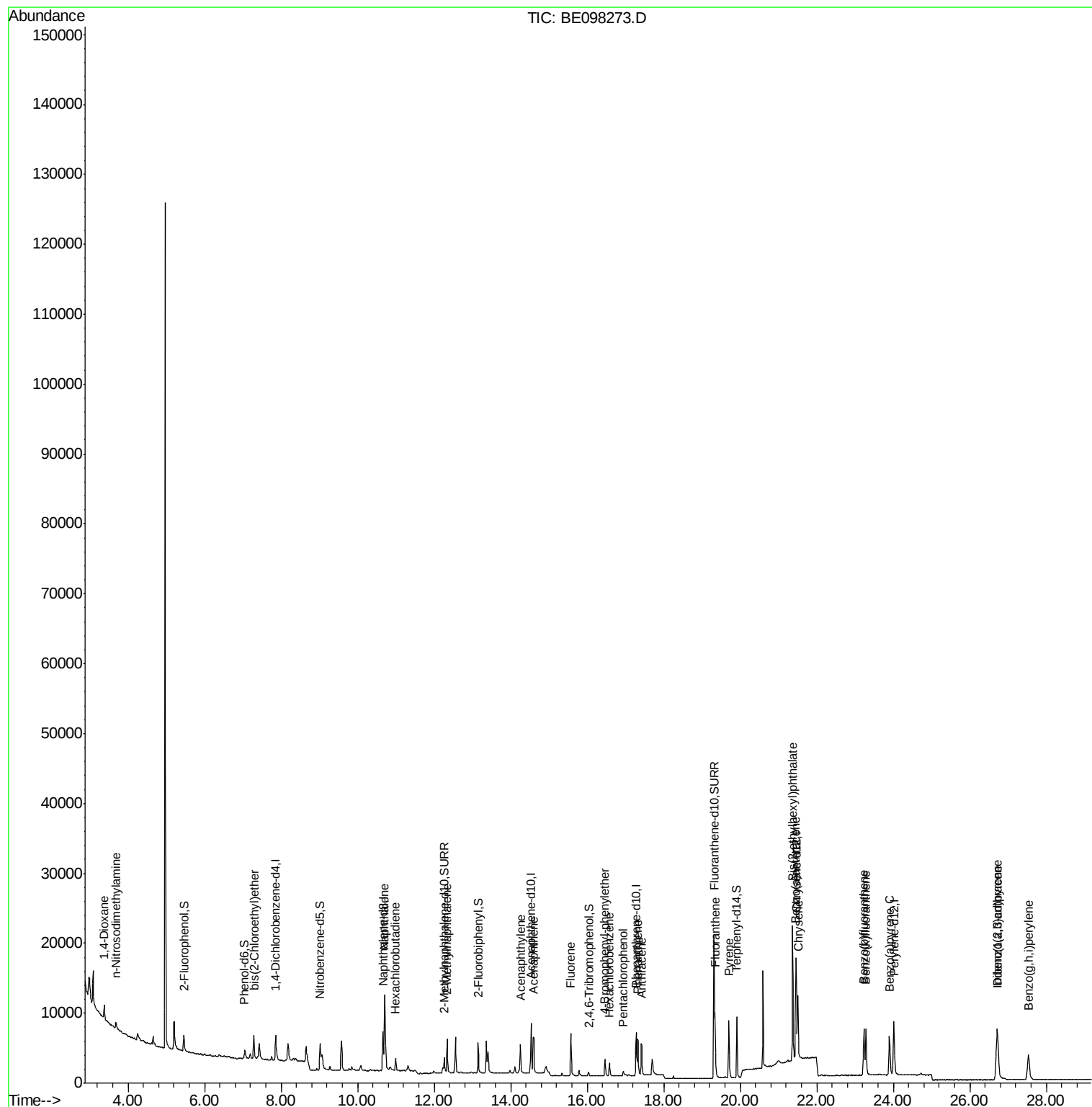
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	987	0.299	ng	# 49
3) n-Nitrosodimethylamine	3.68	42	982	0.281	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	1463	0.232	ng	88
9) Naphthalene	10.71	128	21719	0.293	ng	99
10) Hexachlorobutadiene	10.99	225	1256	0.264	ng	99
12) 2-Methylnaphthalene	12.34	142	3566	0.290	ng	99
16) Acenaphthylene	14.25	152	5598	0.288	ng	99
17) Acenaphthene	14.60	154	3265	0.282	ng	100
18) Fluorene	15.57	166	4368	0.284	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	1441	0.267	ng	88
21) Hexachlorobenzene	16.58	284	1500	0.268	ng	98
22) Pentachlorophenol	16.94	266	480	0.307	ng	97
23) Phenanthrene	17.32	178	6526	0.275	ng	99
24) Anthracene	17.41	178	6044	0.274	ng	99
26) Fluoranthene	19.34	202	8429	0.261	ng	99
28) Pyrene	19.71	202	8652	0.256	ng	99
30) Benzo(a)anthracene	21.45	228	9850	0.274	ng	100
31) Chrysene	21.51	228	10026	0.275	ng	98
32) Bis(2-ethylhexyl)phthalate	21.37	149	22332	0.260	ng	99
33) Indeno(1,2,3-cd)pyrene	26.70	276	11524	0.313	ng	98
35) Benzo(b)fluoranthene	23.23	252	10295	0.283	ng	99
36) Benzo(k)fluoranthene	23.28	252	10972	0.287	ng	99
37) Benzo(a)pyrene	23.90	252	10048	0.286	ng	99
38) Dibenzo(a,h)anthracene	26.73	278	9661	0.291	ng	98
39) Benzo(g,h,i)perylene	27.54	276	9928	0.298	ng	98

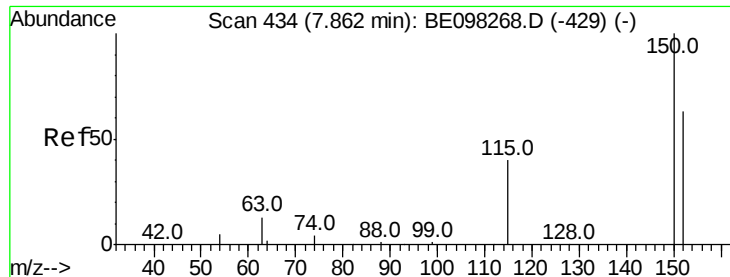
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098273.D

Acq: 29 Nov 2018 14:36

Instrument :

BNA_E

ClientSampleId :

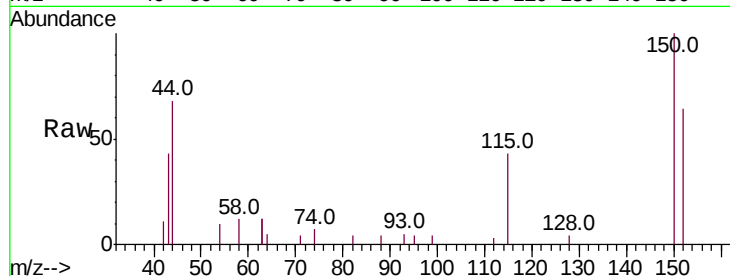
Tot Ion:152 Resp: 1821

Ion Ratio Lower Upper

152 100

150 156.7 124.2 186.4

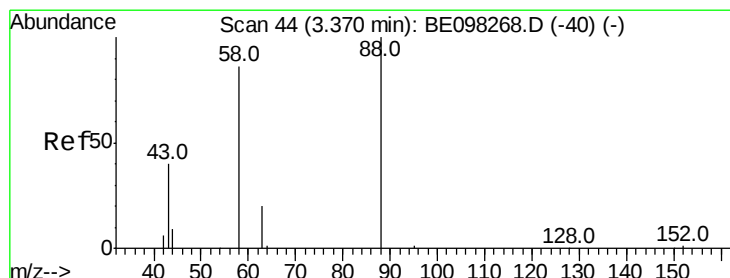
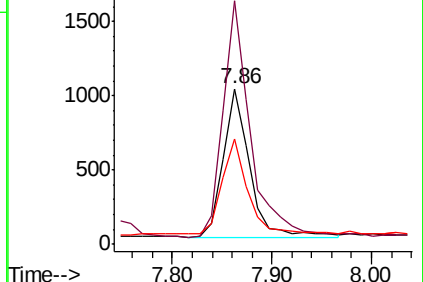
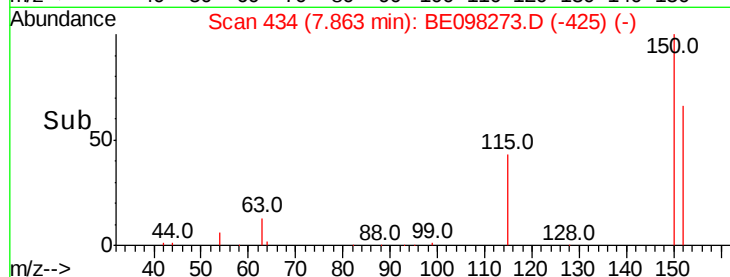
115 67.8 53.9 80.9



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: 0.299 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

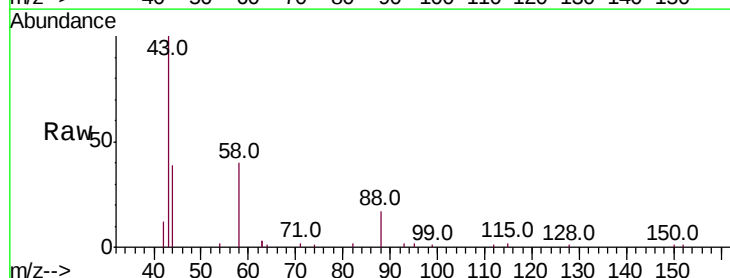
Tgt Ion: 88 Resp: 987

Ion Ratio Lower Upper

88 100

58 112.5 75.0 112.6

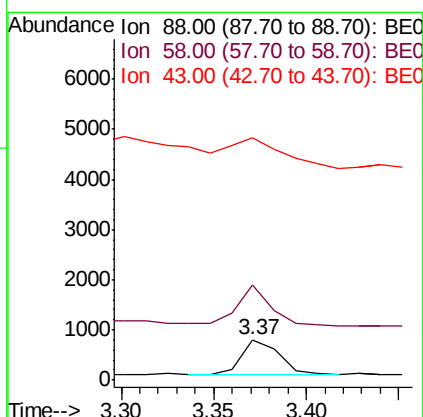
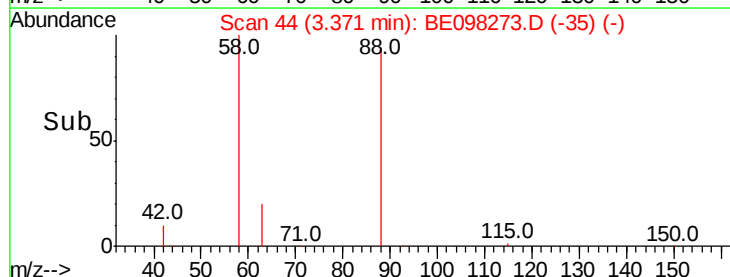
43 124.4 38.3 57.5#

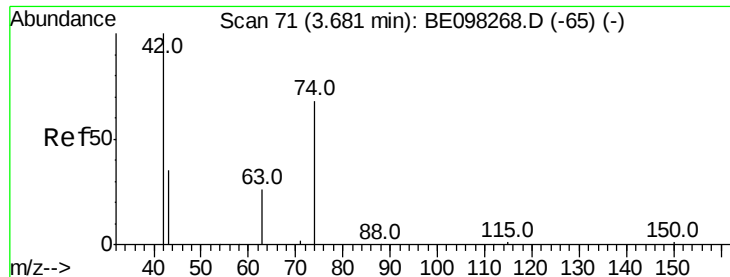


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



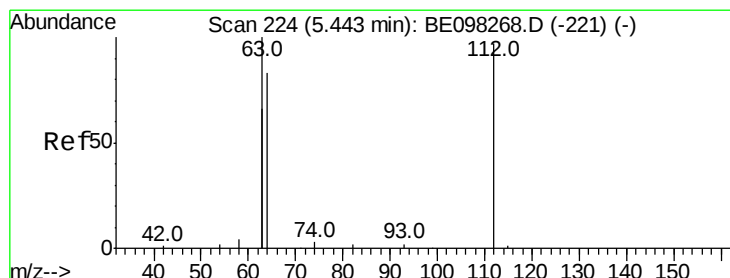
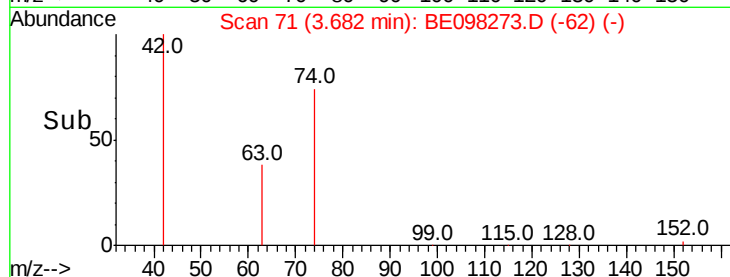
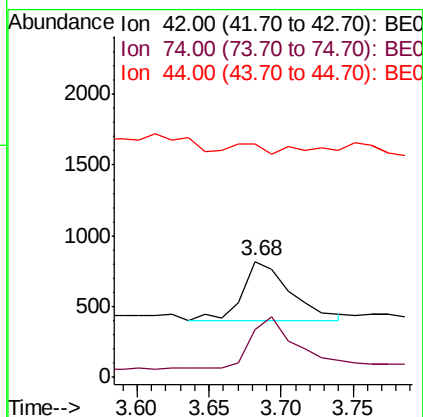
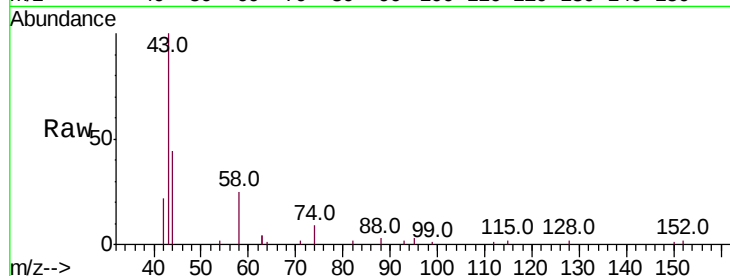


#3

n-Nitrosodimethylamine
 Concen: 0.281 ng
 RT: 3.68 min Scan# 71
 Delta R.T. 0.00 min
 Lab File: BE098273.D
 Acq: 29 Nov 2018 14:36

Instrument :
 BNA_E
 ClientSampleId :

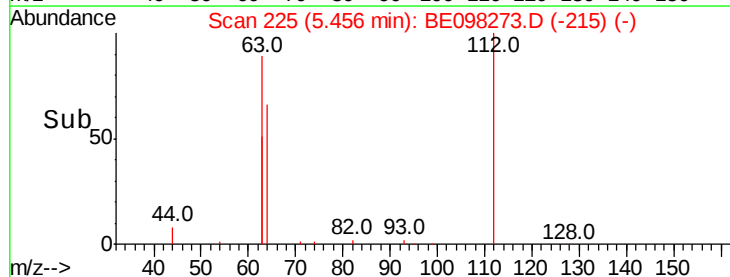
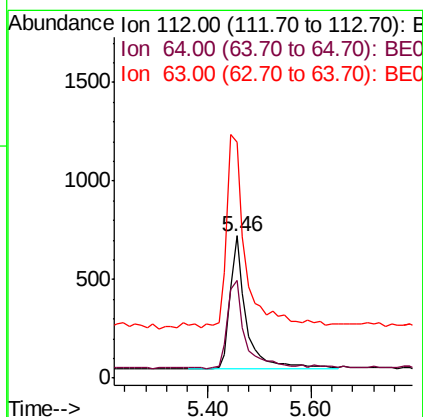
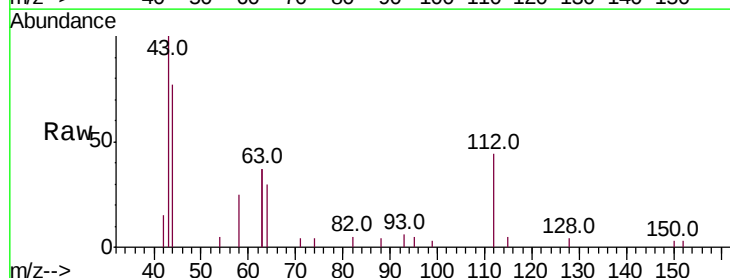
Tot Ion: 42 Resp: 982
 Ion Ratio Lower Upper
 42 100
 74 80.4 0.0 0.0#
 44 0.0 0.0 0.0

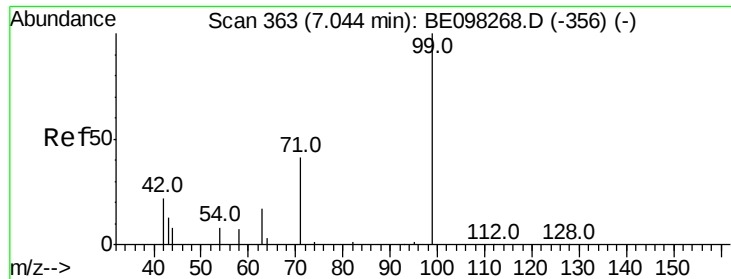


#4

2-Fluorophenol
 Concen: 0.305 ng
 RT: 5.46 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098273.D
 Acq: 29 Nov 2018 14:36

Tgt Ion: 112 Resp: 1484
 Ion Ratio Lower Upper
 112 100
 64 71.3 59.8 89.8
 63 162.1 133.7 200.5





#5

Phenol-d6

Concen: 0.258 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

Instrument :

BNA_E

ClientSampled :

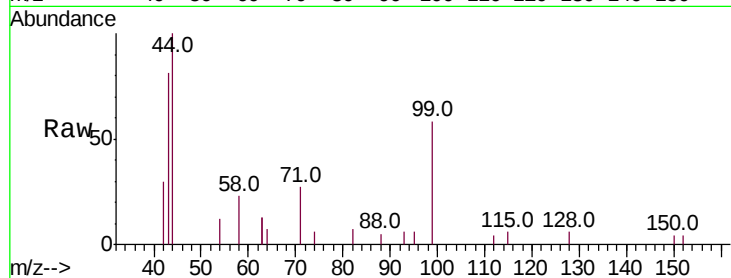
Tot Ion: 99 Resp: 1766

Ion Ratio Lower Upper

99 100

42 28.1 26.3 39.5

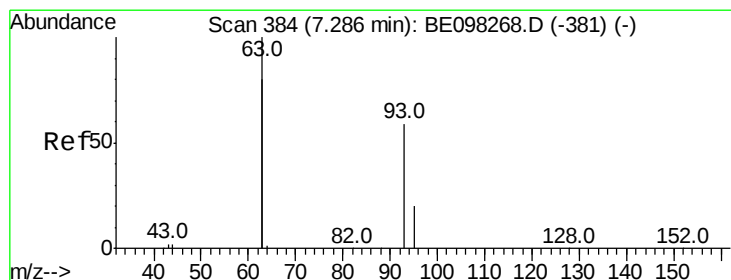
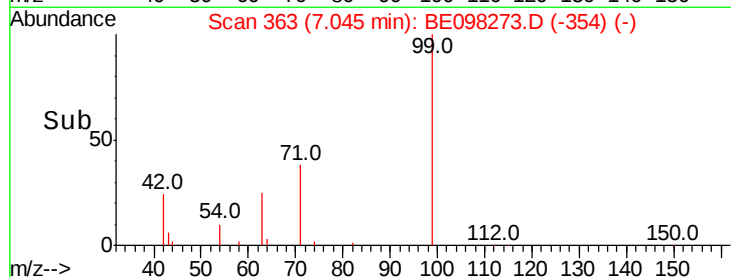
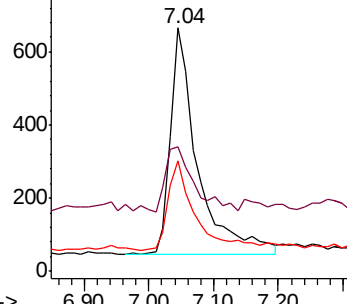
71 43.1 33.6 50.4



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: 0.232 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

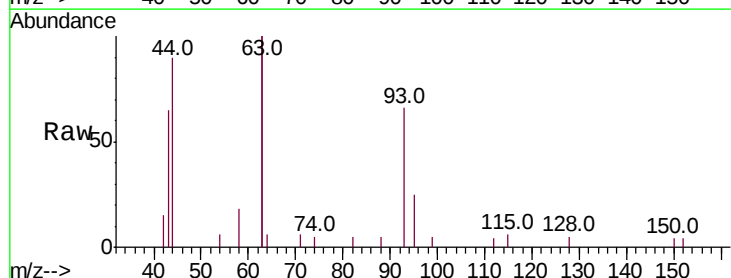
Tgt Ion: 93 Resp: 1463

Ion Ratio Lower Upper

93 100

63 356.0 264.4 396.6

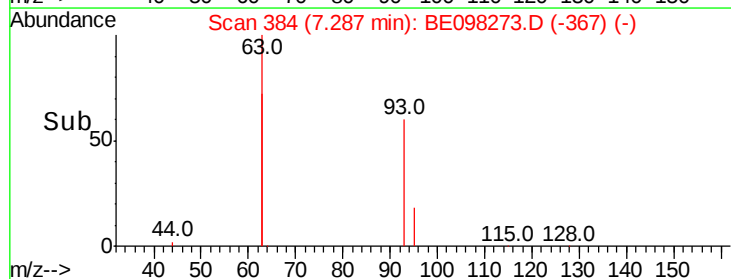
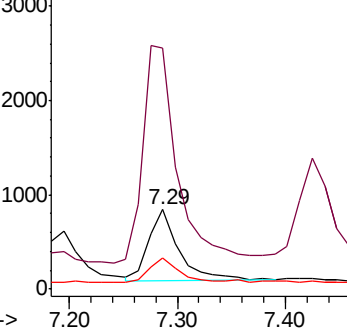
95 36.0 26.6 40.0

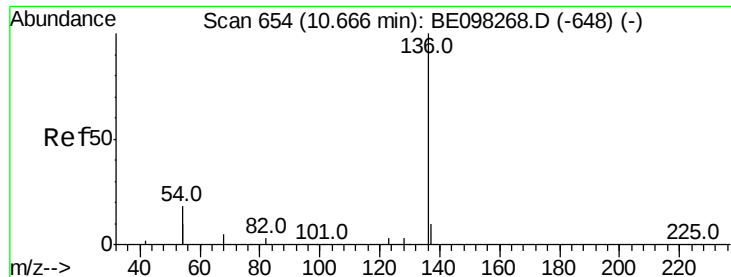


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098273.D

Acq: 29 Nov 2018 14:36

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 7382

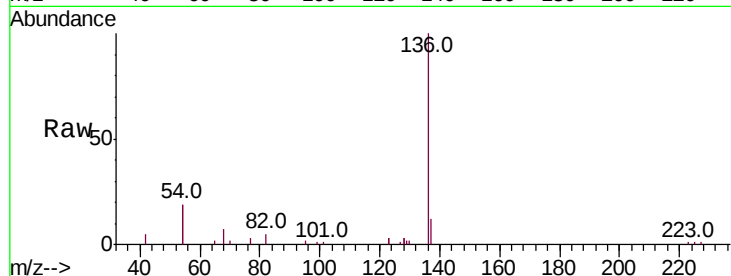
Ion Ratio Lower Upper

136 100

137 12.1 9.2 13.8

54 37.2 28.4 42.6

68 6.6 5.4 8.0

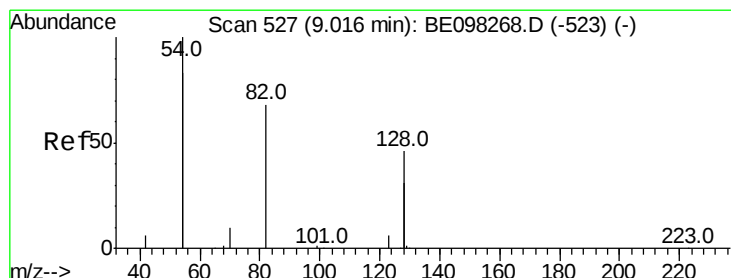
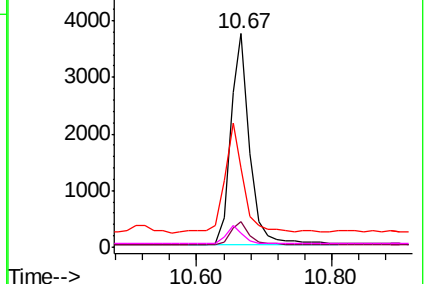
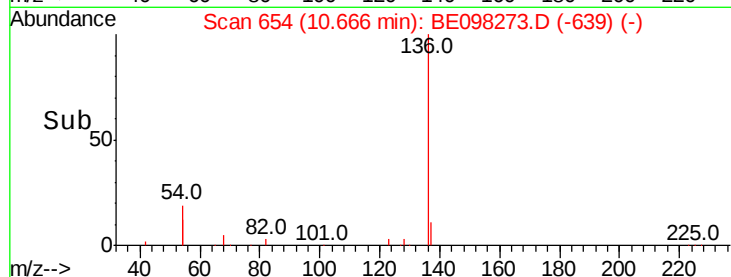


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.277 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

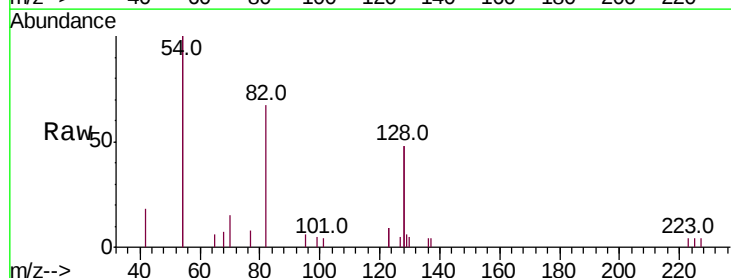
Tgt Ion: 82 Resp: 2071

Ion Ratio Lower Upper

82 100

128 145.5 102.4 153.6

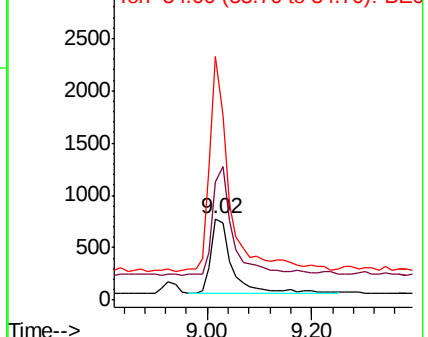
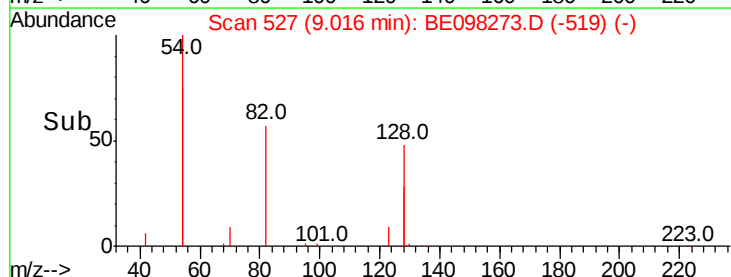
54 300.1 221.8 332.8

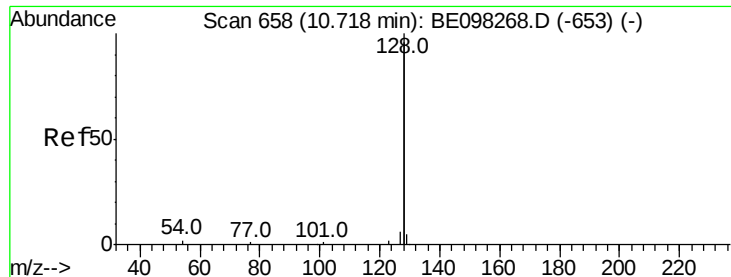


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.293 ng

RT: 10.71 min Scan# 657

Delta R.T. -0.01 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

Instrument :

BNA_E

ClientSampleId :

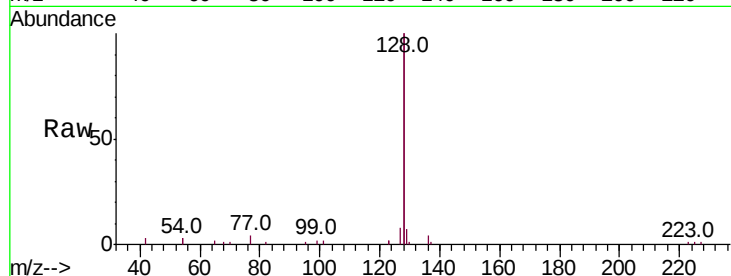
Tot Ion:128 Resp: 21719

Ion Ratio Lower Upper

128 100

129 3.3 2.5 3.7

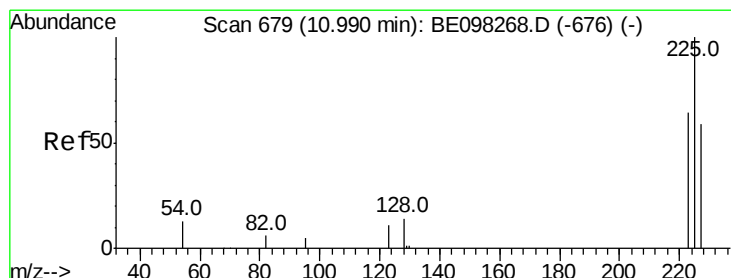
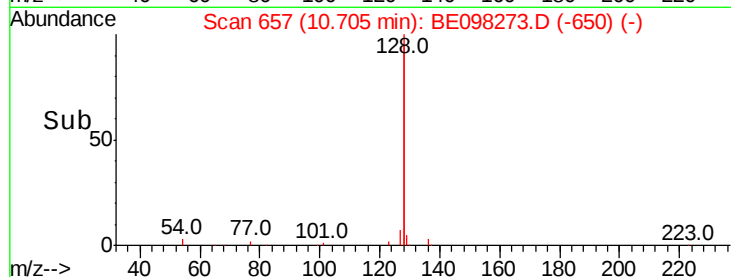
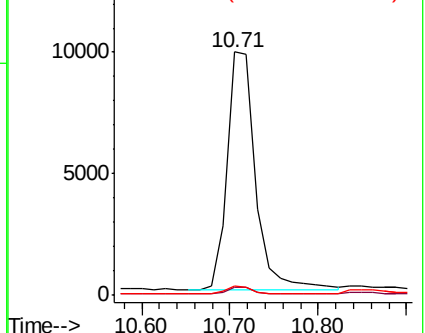
127 3.8 2.7 4.1



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: 0.264 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

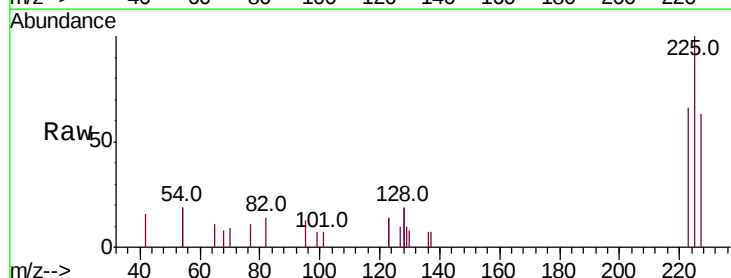
Tgt Ion:225 Resp: 1256

Ion Ratio Lower Upper

225 100

223 62.9 49.4 74.0

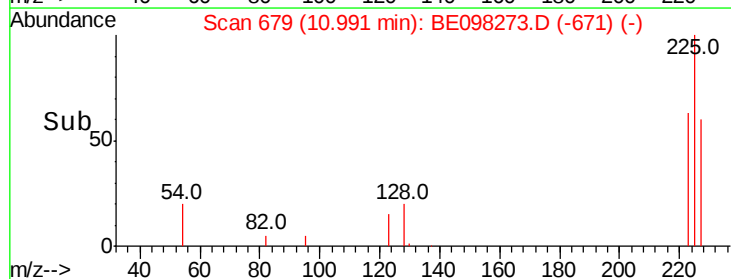
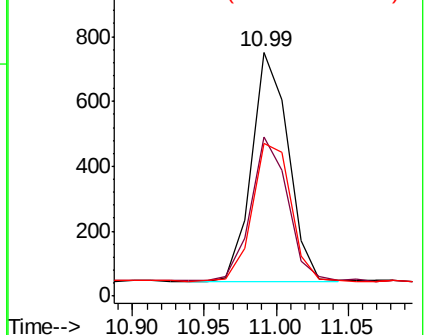
227 64.1 52.0 78.0

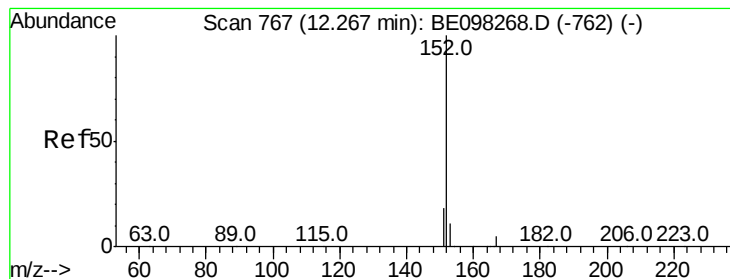


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.318 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

Instrument :

BNA_E

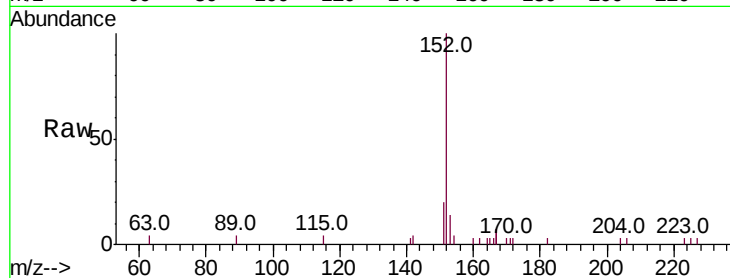
ClientSampleId :

Tot Ion:152 Resp: 3809

Ion Ratio Lower Upper

152 100

151 15.9 16.2 24.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.27

2000

1500

1000

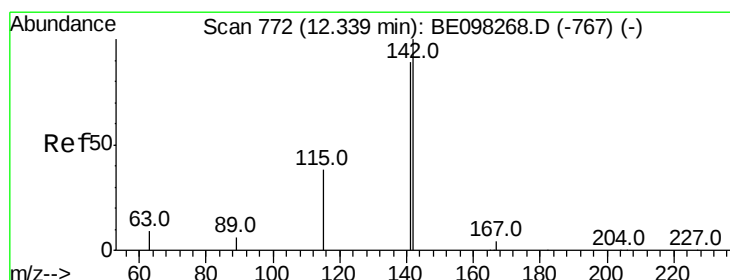
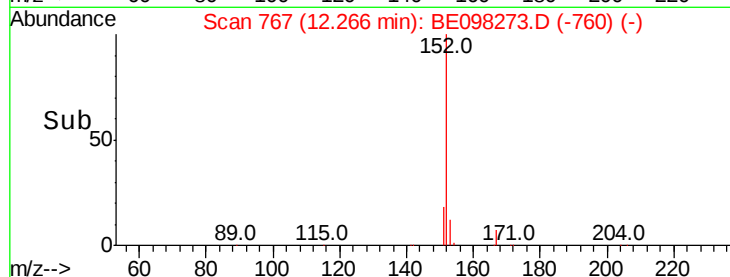
500

0

12.20

12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.290 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

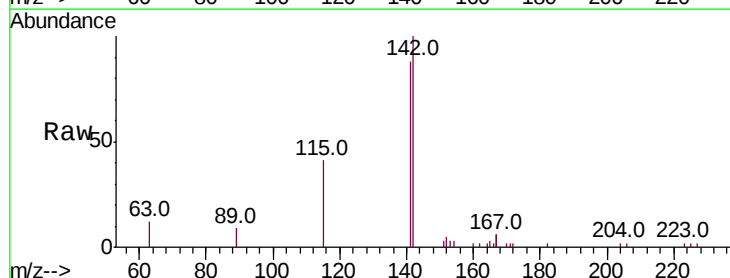
Tgt Ion:142 Resp: 3566

Ion Ratio Lower Upper

142 100

141 88.3 71.0 106.6

115 40.5 32.2 48.2



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

2500

2000

1500

1000

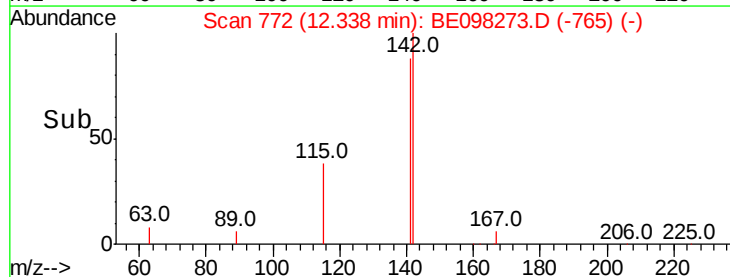
500

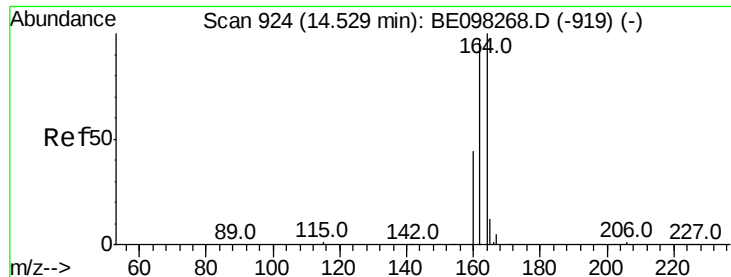
0

12.30

12.40

Time-->

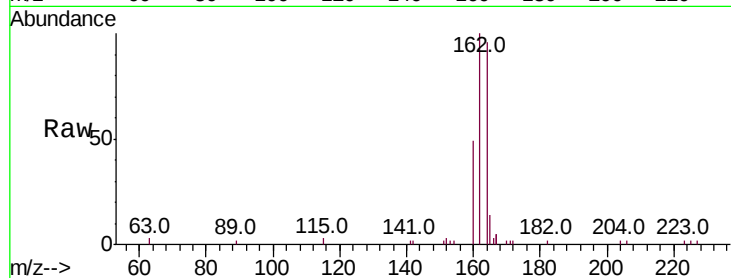




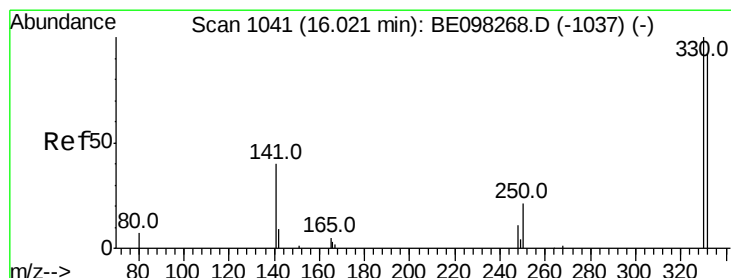
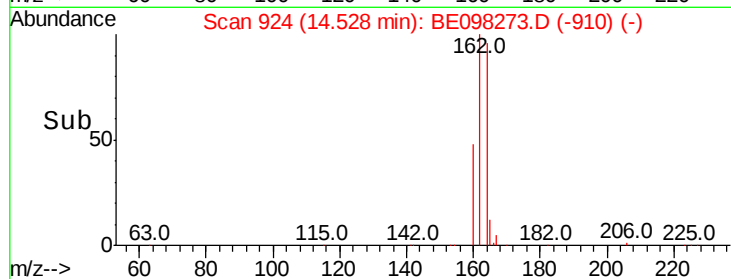
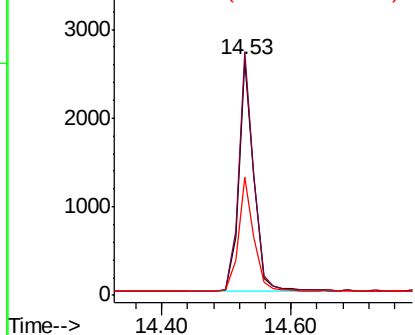
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BE098273.D
 Acq: 29 Nov 2018 14:36

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 4168
 Ion Ratio Lower Upper
 164 100
 162 103.7 77.6 116.4
 160 50.6 36.0 54.0

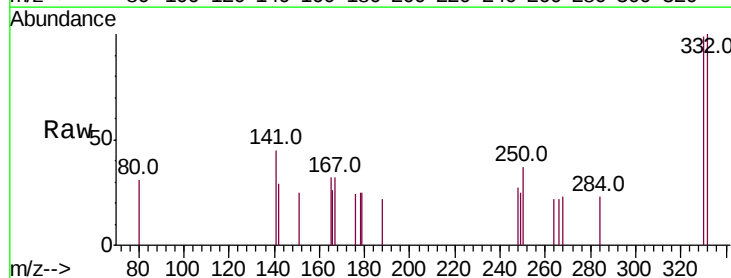


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

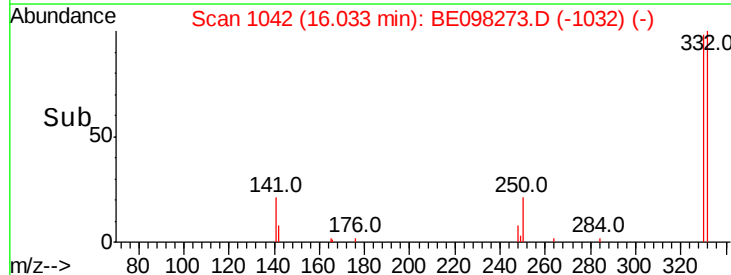
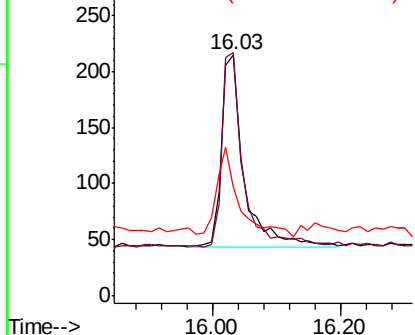


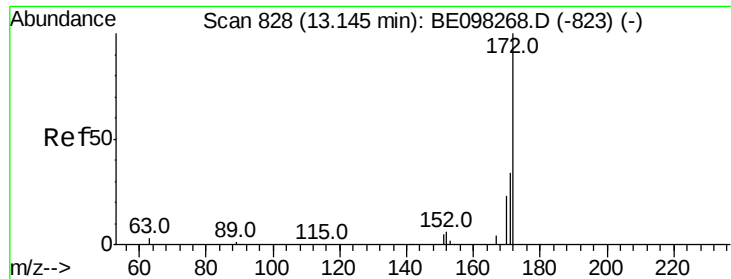
#14
 2,4,6-Tribromophenol
 Concen: 0.217 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BE098273.D
 Acq: 29 Nov 2018 14:36

Tgt Ion:330 Resp: 429
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.2 114.4
 141 45.2 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

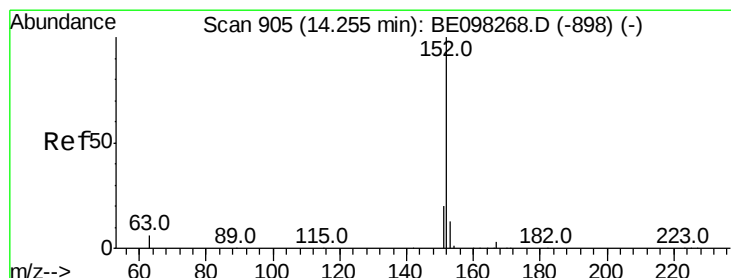
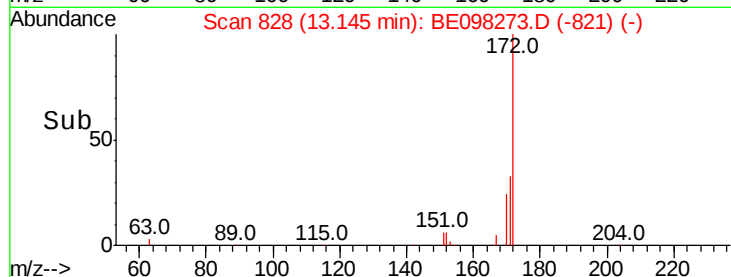
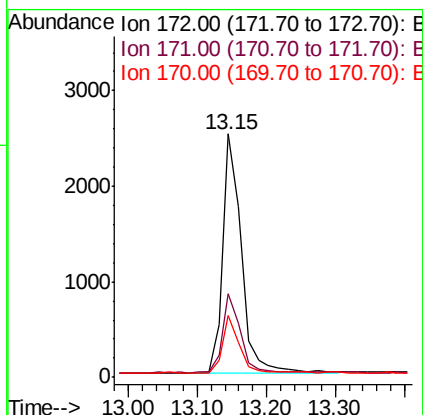
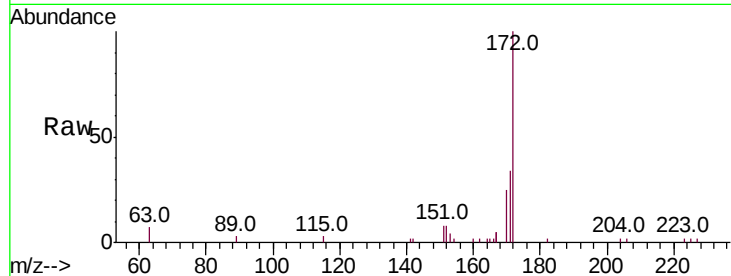




#15
2-Fluorobiphenyl
Concen: 0.274 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

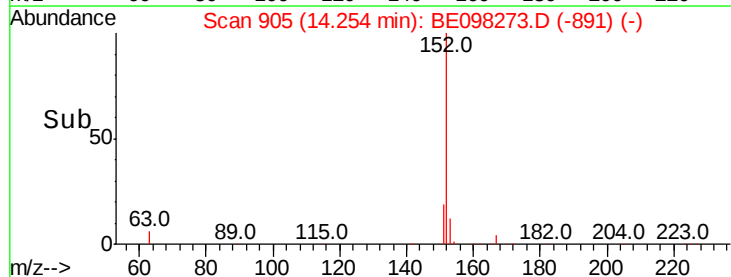
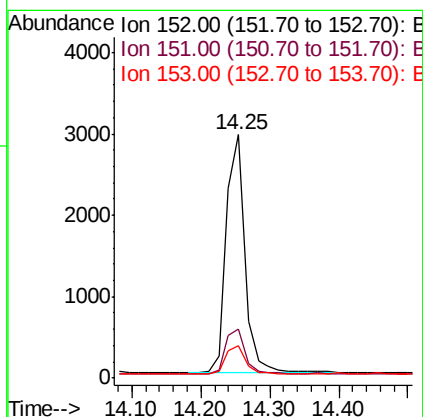
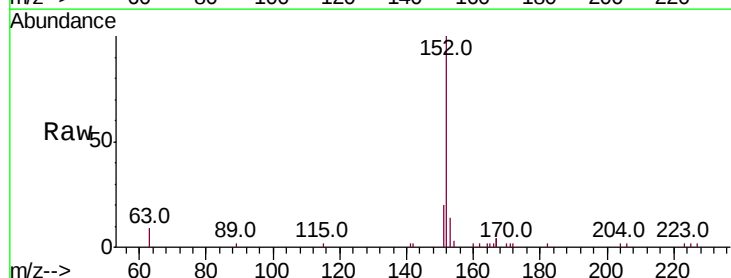
Instrument :
BNA_E
ClientSampleId :

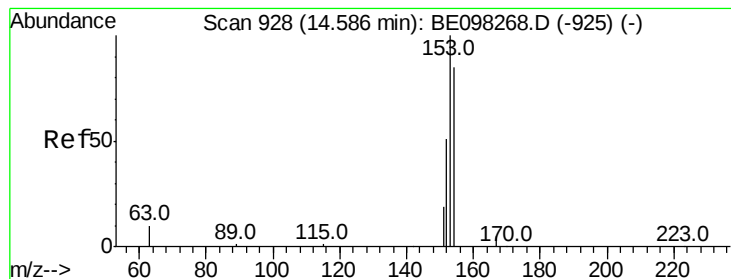
Tot Ion:172 Resp: 4726
Ion Ratio Lower Upper
172 100
171 34.4 27.5 41.3
170 25.3 19.6 29.4



#16
Acenaphthylene
Concen: 0.288 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Tgt Ion:152 Resp: 5598
Ion Ratio Lower Upper
152 100
151 19.3 15.5 23.3
153 12.7 10.6 16.0





#17

Acenaphthene

Concen: 0.282 ng

RT: 14.60 min Scan# 929

Delta R.T. 0.01 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

Instrument :

BNA_E

ClientSampleId :

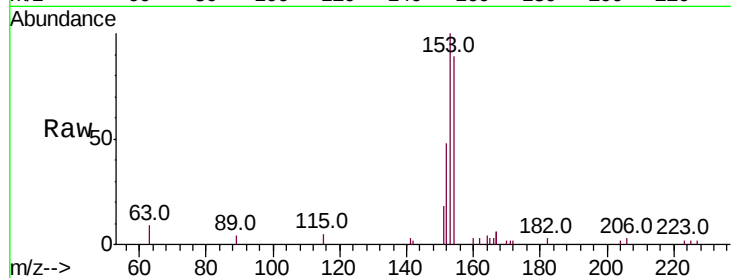
Tot Ion:154 Resp: 3265

Ion Ratio Lower Upper

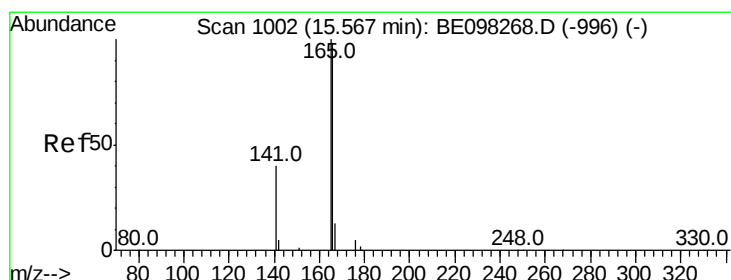
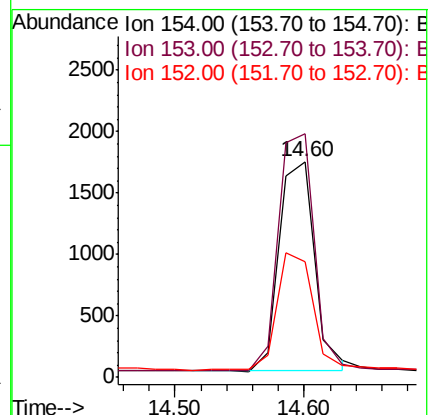
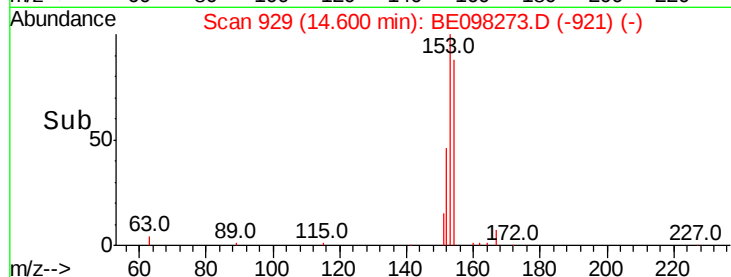
154 100

153 114.1 91.8 137.6

152 56.8 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: 0.284 ng

RT: 15.57 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

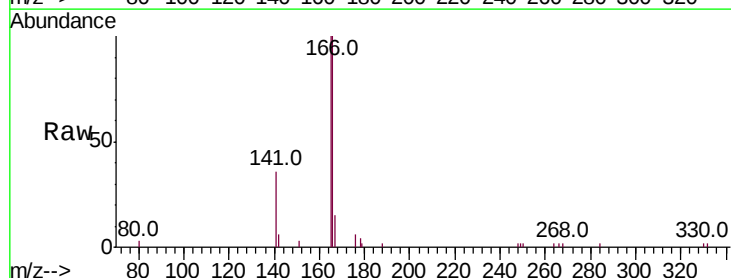
Tgt Ion:166 Resp: 4368

Ion Ratio Lower Upper

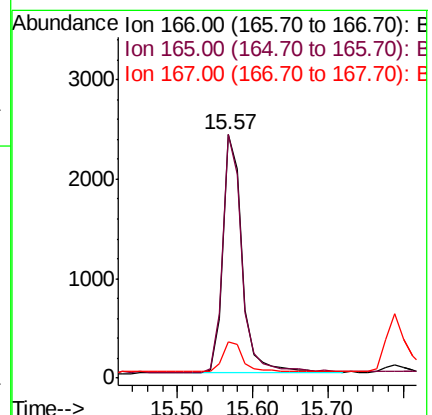
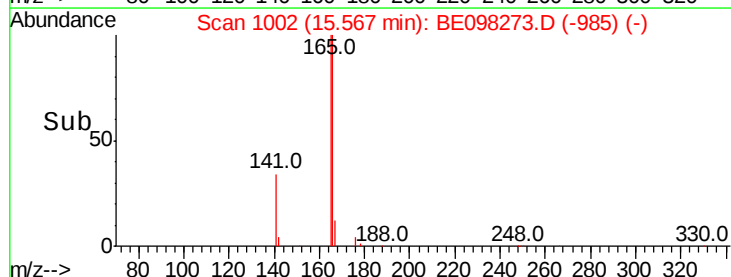
166 100

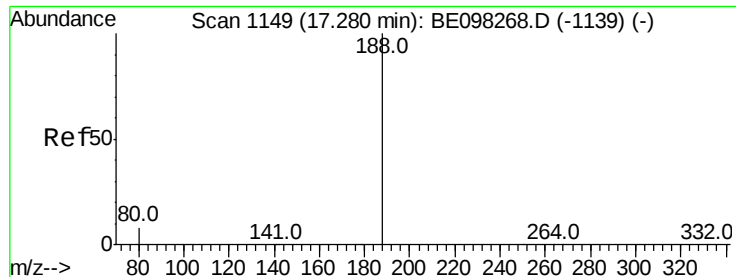
165 98.6 79.3 118.9

167 13.3 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: BE098273.D

Acq: 29 Nov 2018 14:36

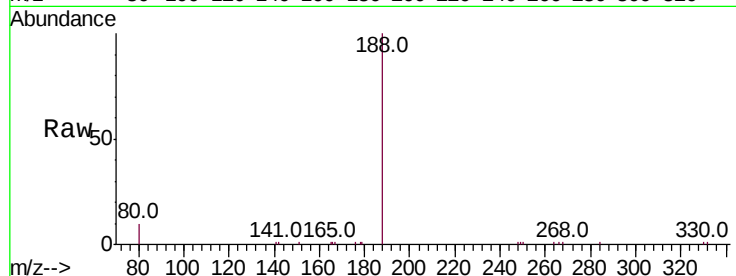
Instrument :

BNA_E

ClientSampleId :

Tot Ion:188 Resp: 9545

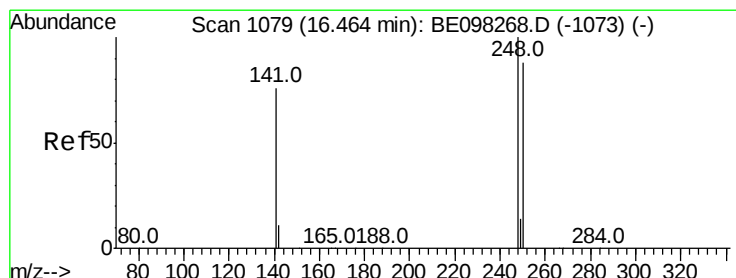
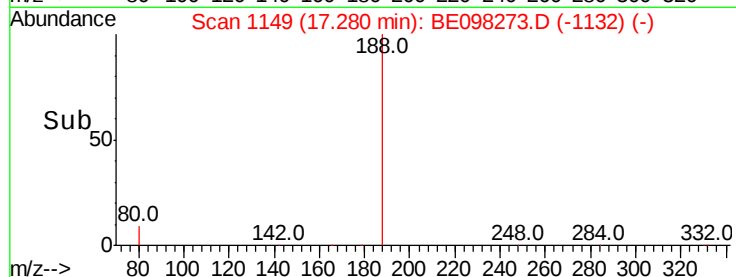
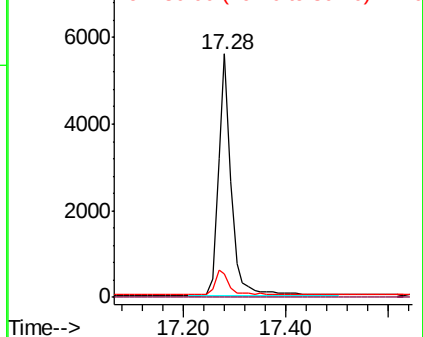
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.9	7.2	10.8



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: 0.267 ng

RT: 16.46 min Scan# 1079

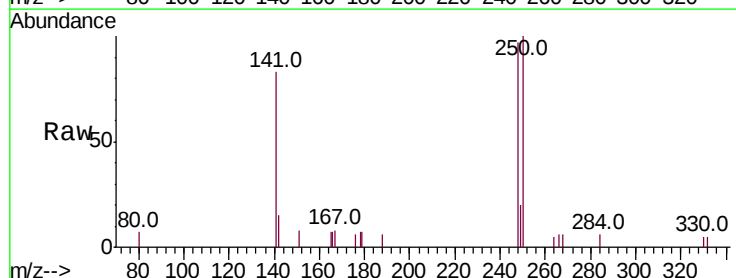
Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

Tgt Ion:248 Resp: 1441

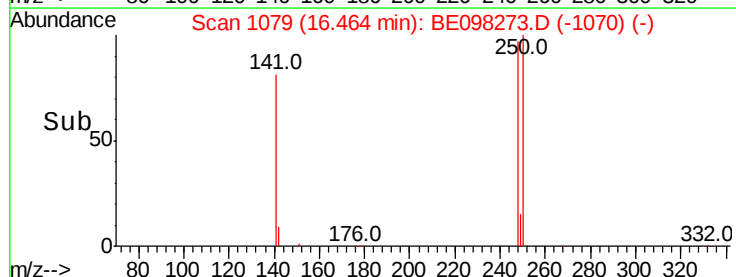
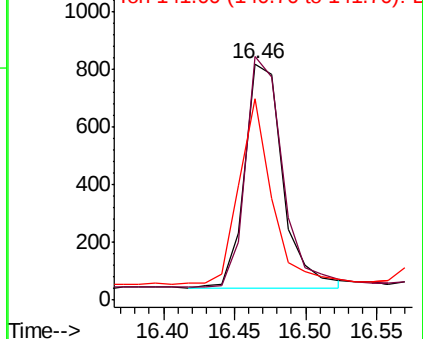
Ion	Ratio	Lower	Upper
248	100		
250	103.0	71.0	106.6
141	85.0	62.1	93.1

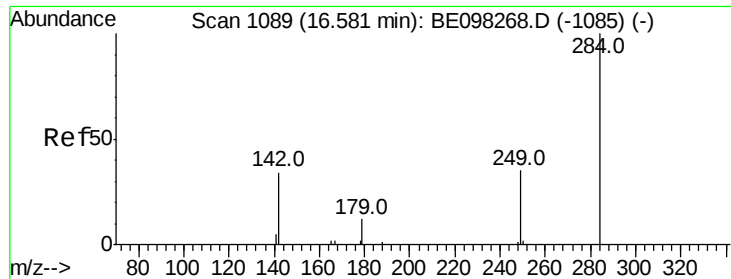


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

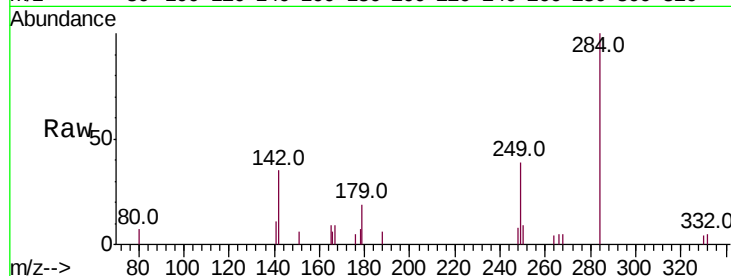




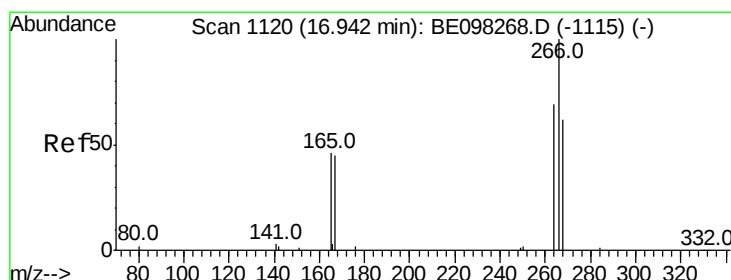
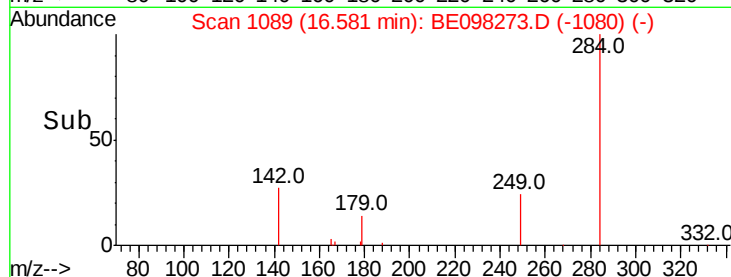
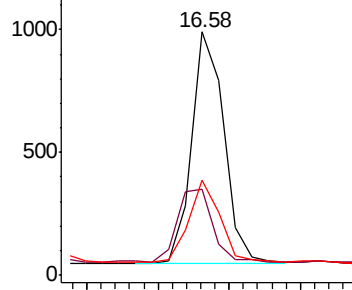
#21
Hexachlorobenzene
Concen: 0.268 ng
RT: 16.58 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 1500
Ion Ratio Lower Upper
284 100
142 33.7 26.3 39.5
249 33.9 26.0 39.0

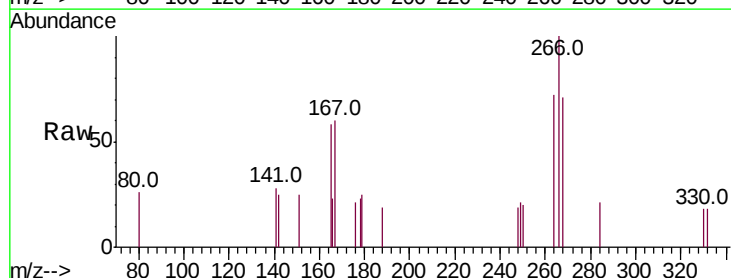


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

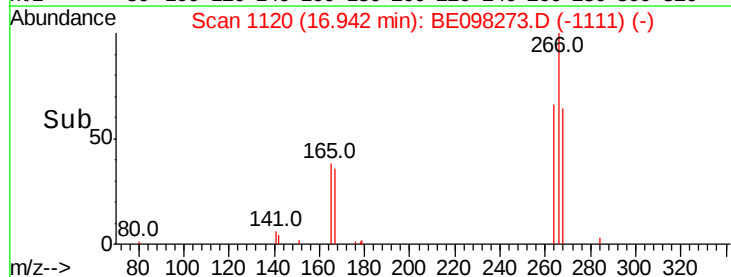
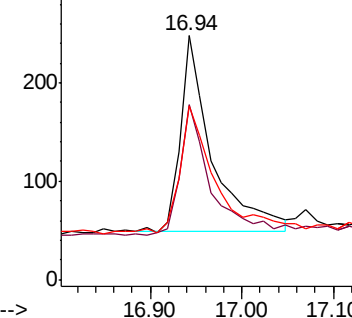


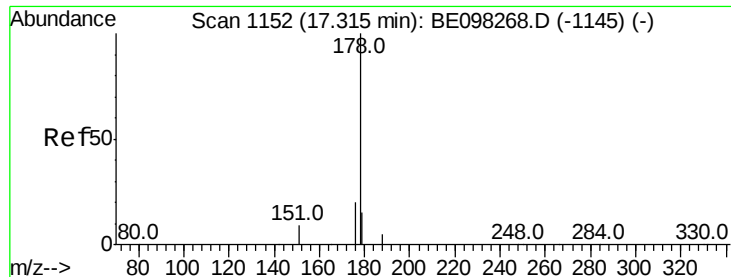
#22
Pentachlorophenol
Concen: 0.307 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Tgt Ion:266 Resp: 480
Ion Ratio Lower Upper
266 100
264 71.8 59.0 88.4
268 71.4 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: 0.275 ng

RT: 17.32 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

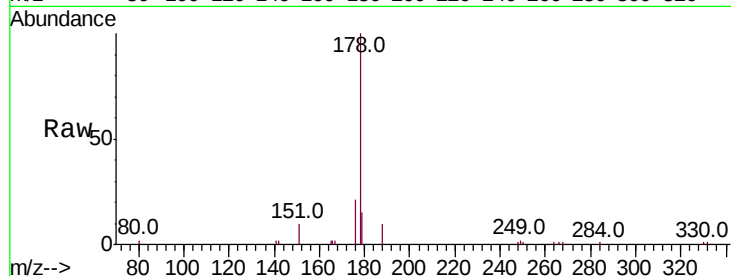
Instrument :

BNA_E

ClientSampled :

Tot Ion:178 Resp: 6526

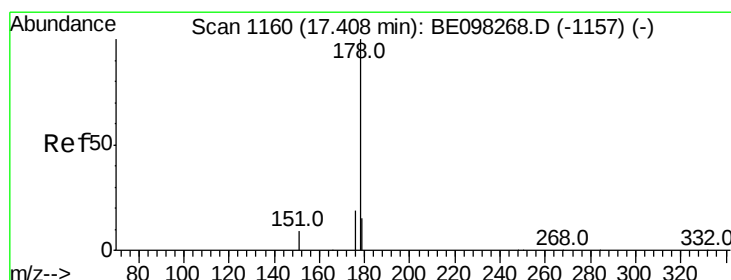
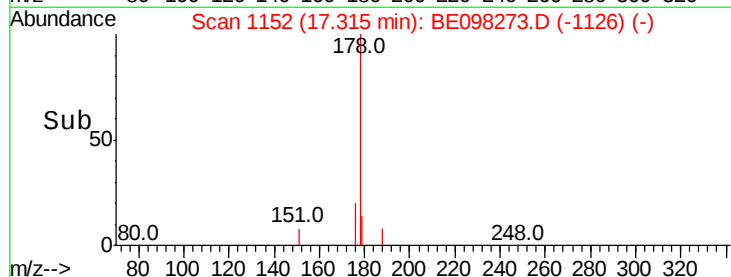
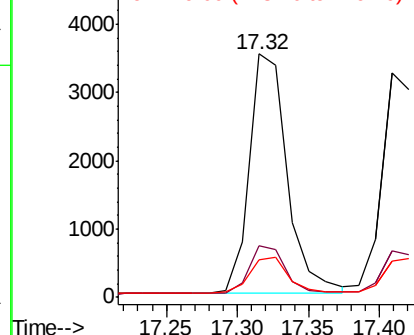
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.7	12.3	18.5



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: 0.274 ng

RT: 17.41 min Scan# 1160

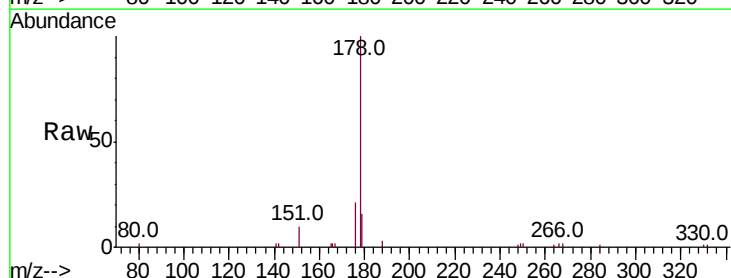
Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

Tgt Ion:178 Resp: 6044

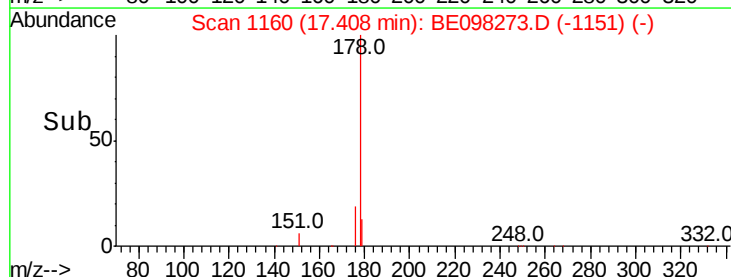
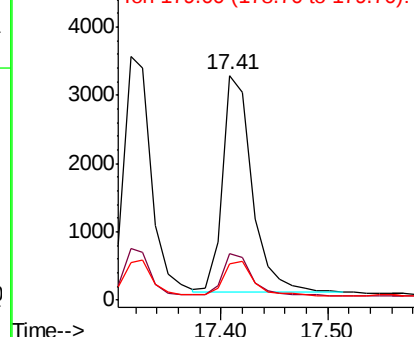
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	15.5	12.3	18.5

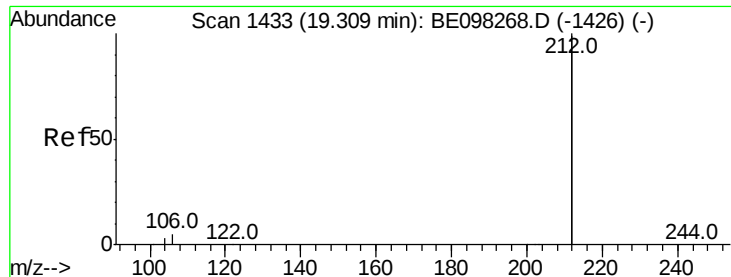


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.247 ng

RT: 19.32 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

Instrument :

BNA_E

ClientSampled :

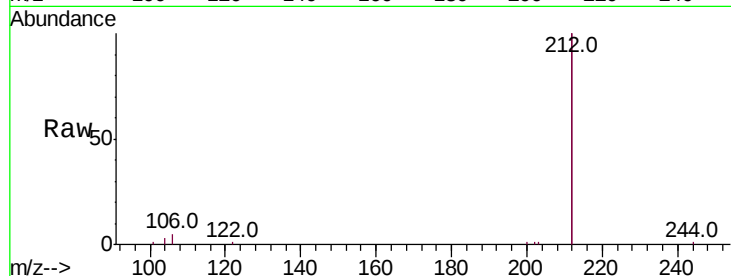
Tot Ion:212 Resp: 31756

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

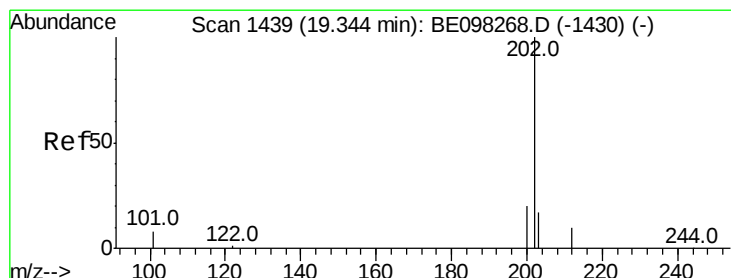
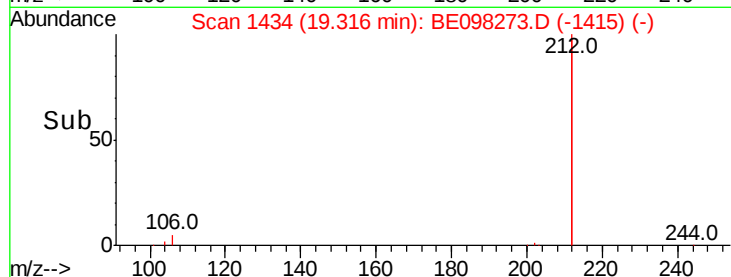
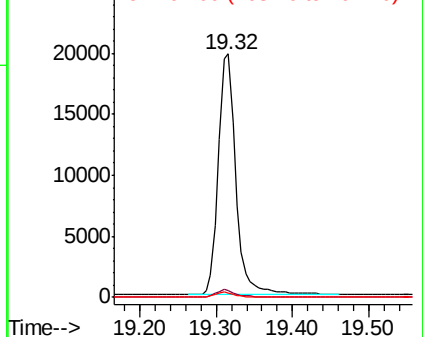
104 1.6 1.3 1.9



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: 0.261 ng

RT: 19.34 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

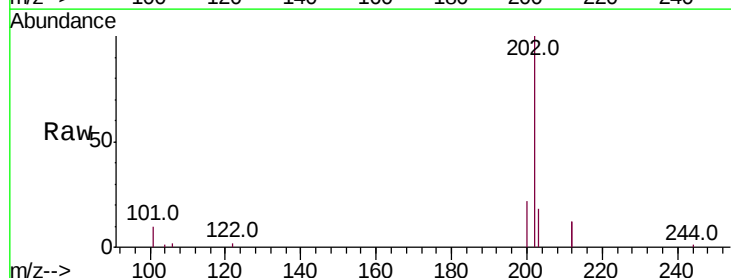
Tgt Ion:202 Resp: 8429

Ion Ratio Lower Upper

202 100

101 10.2 8.0 12.0

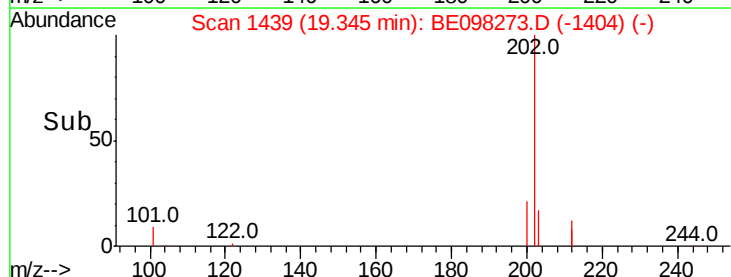
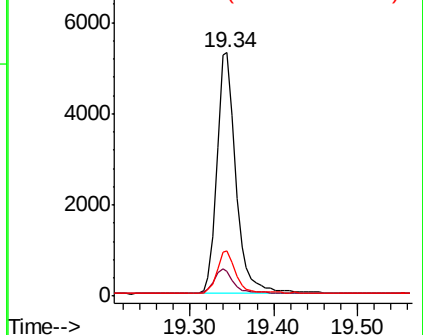
203 16.7 13.8 20.6

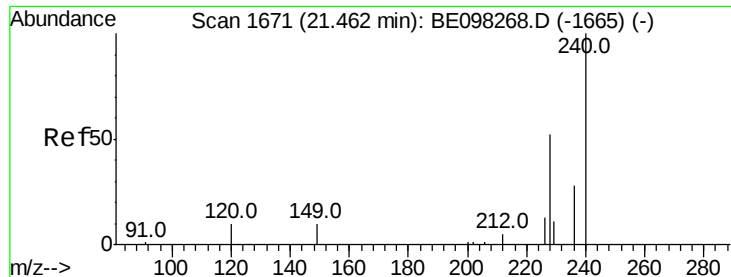


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE098273.D

Acq: 29 Nov 2018 14:36

Instrument :

BNA_E

ClientSampled :

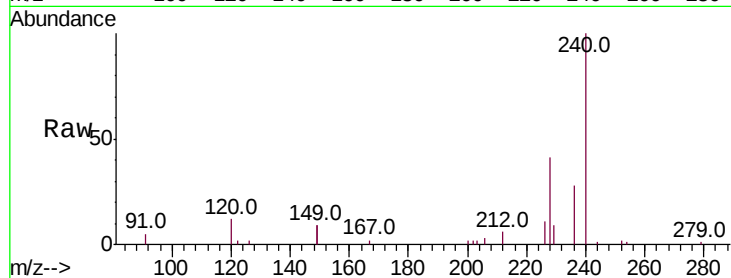
Tot Ion:240 Resp: 12193

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

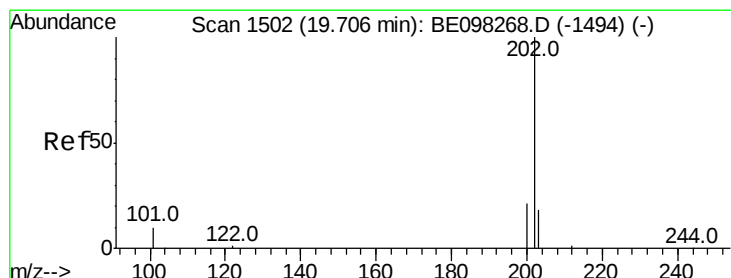
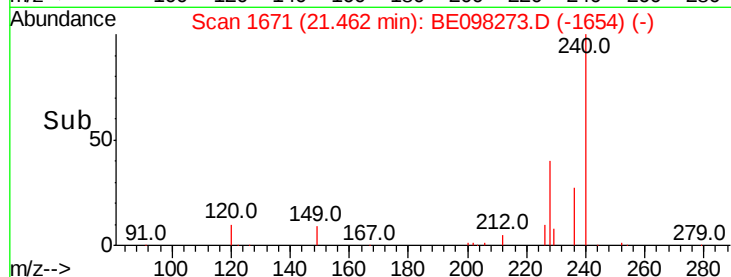
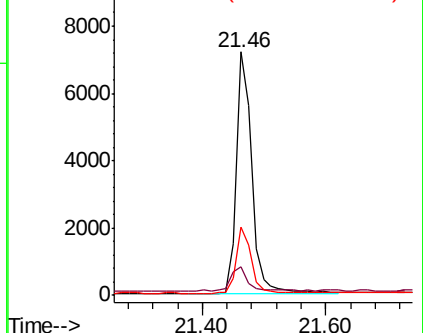
236 28.1 22.7 34.1



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: 0.256 ng

RT: 19.71 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

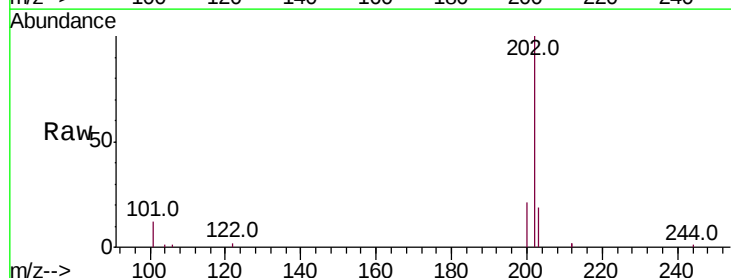
Tgt Ion:202 Resp: 8652

Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

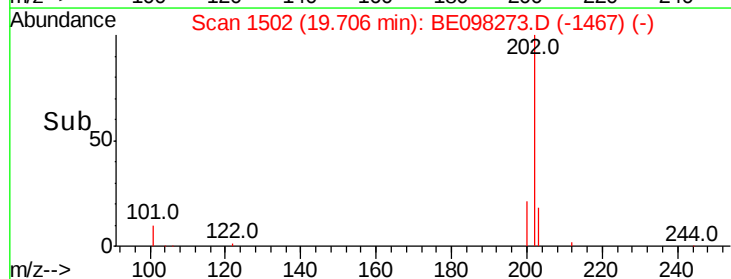
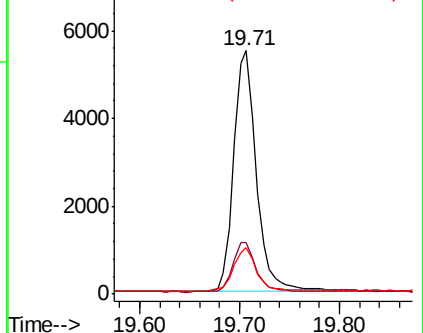
203 18.7 14.1 21.1

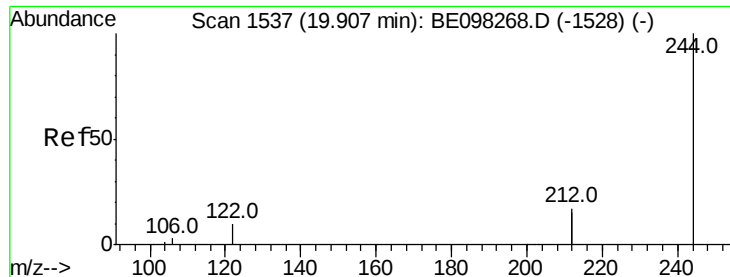


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.308 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

Instrument :

BNA_E

ClientSampleId :

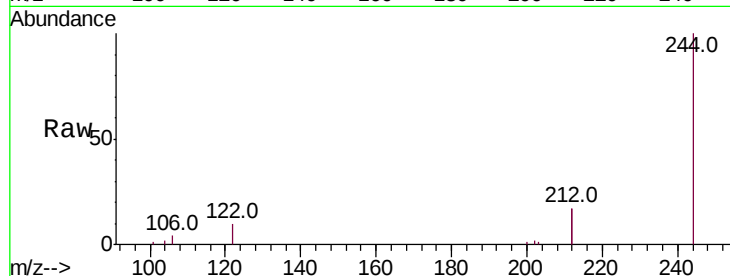
Tot Ion:244 Resp: 8453

Ion Ratio Lower Upper

244 100

212 34.8 27.4 41.0

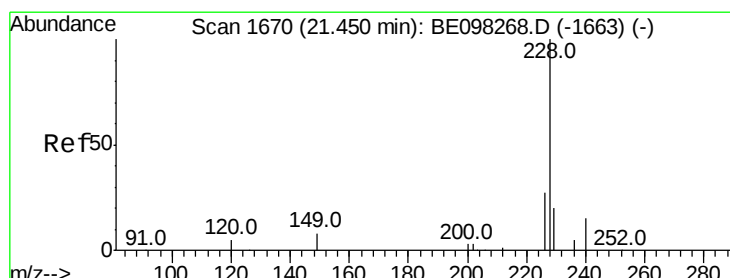
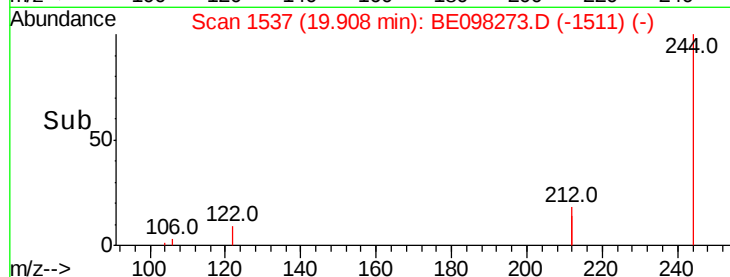
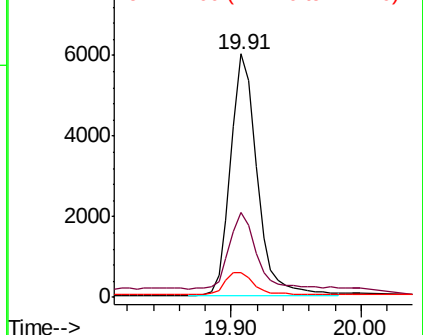
122 10.4 8.3 12.5



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: 0.274 ng

RT: 21.45 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

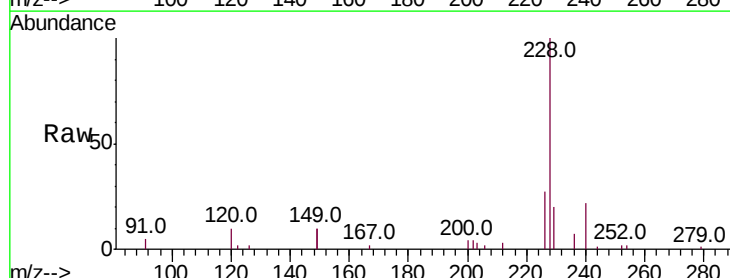
Tgt Ion:228 Resp: 9850

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

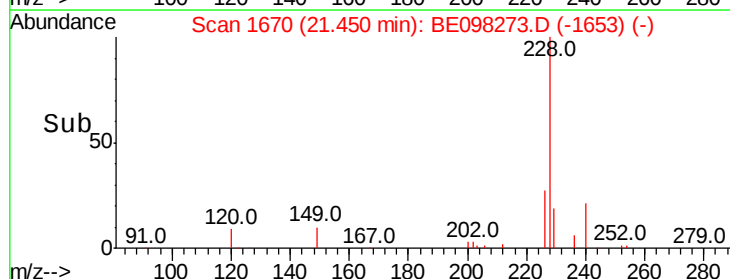
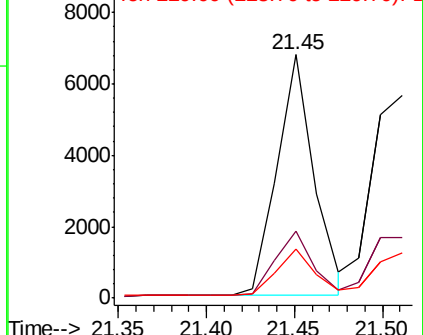
229 20.3 16.3 24.5

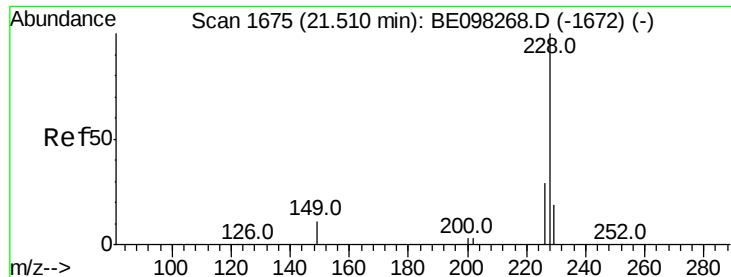


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.275 ng

RT: 21.51 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

Instrument :

BNA_E

ClientSampleId :

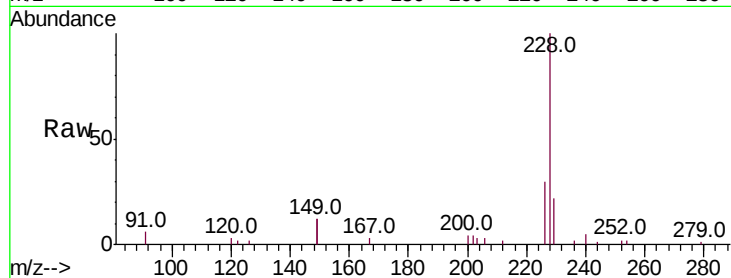
Tot Ion:228 Resp: 10026

Ion Ratio Lower Upper

228 100

226 29.6 23.4 35.0

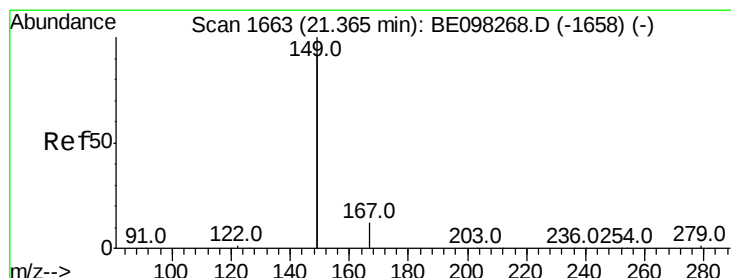
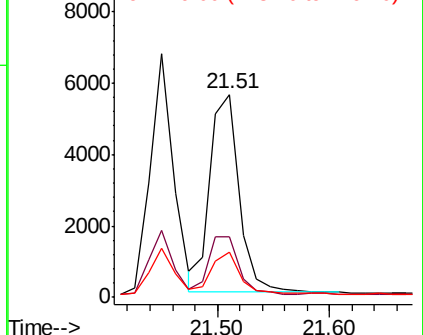
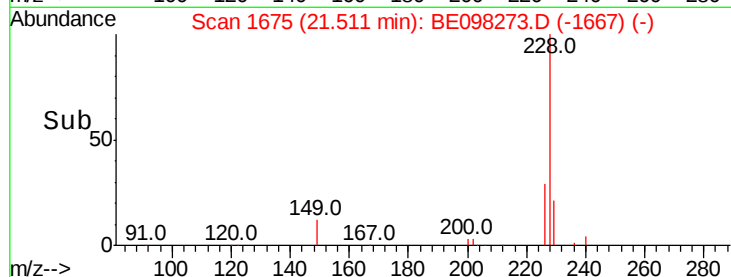
229 22.2 16.2 24.4



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: 0.260 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

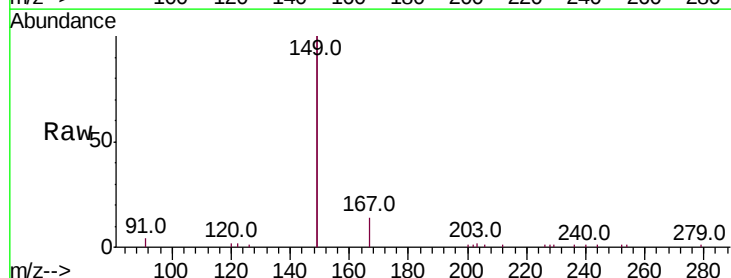
Tgt Ion:149 Resp: 22332

Ion Ratio Lower Upper

149 100

167 7.3 5.7 8.5

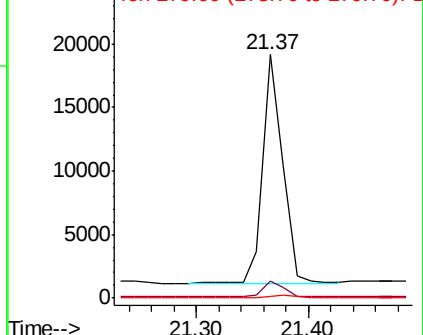
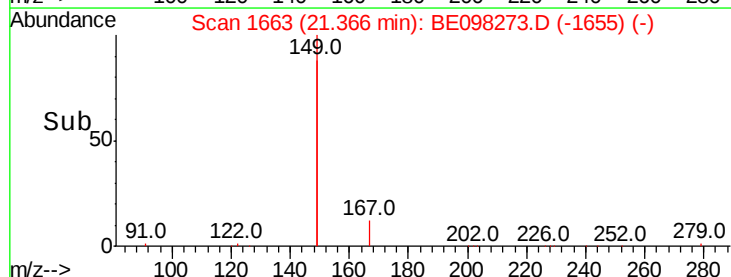
279 1.2 1.0 1.4

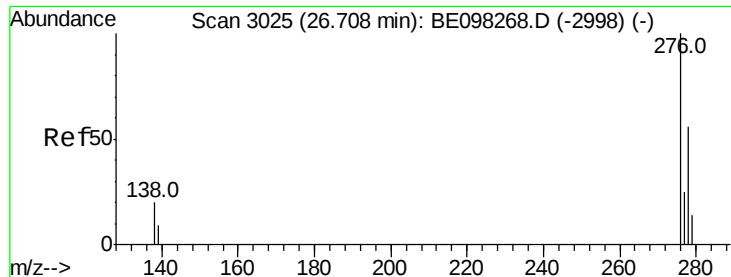


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

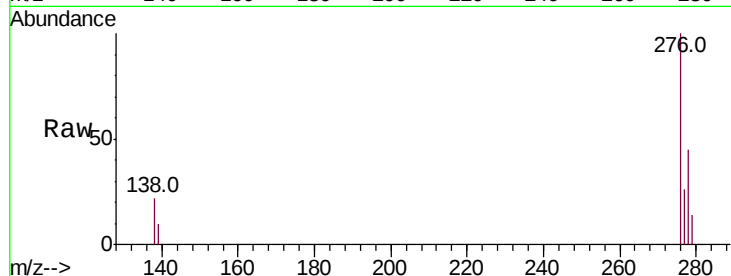




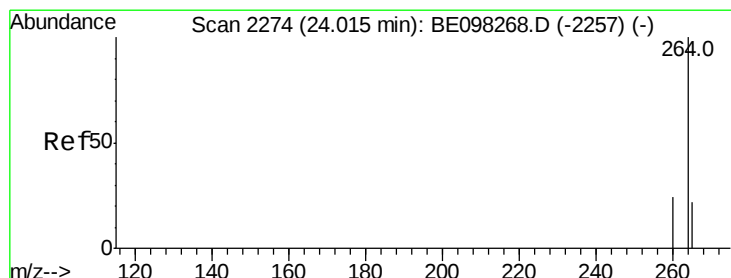
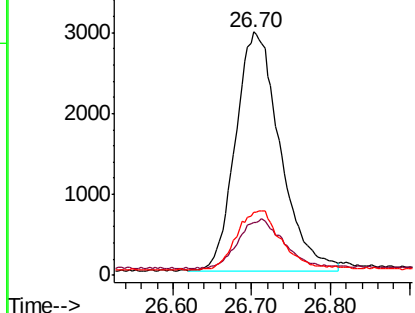
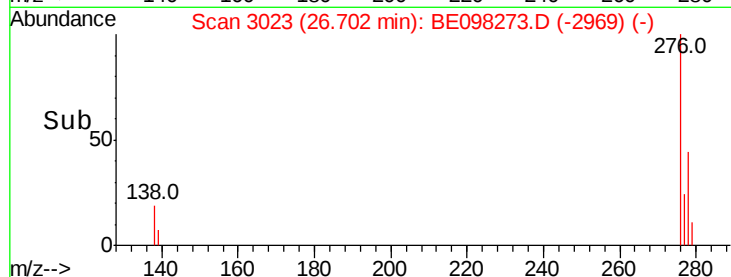
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.313 ng
RT: 26.70 min Scan# 3023
Delta R.T. -0.01 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 11524
Ion Ratio Lower Upper
276 100
138 22.0 16.3 24.5
277 24.9 20.2 30.4

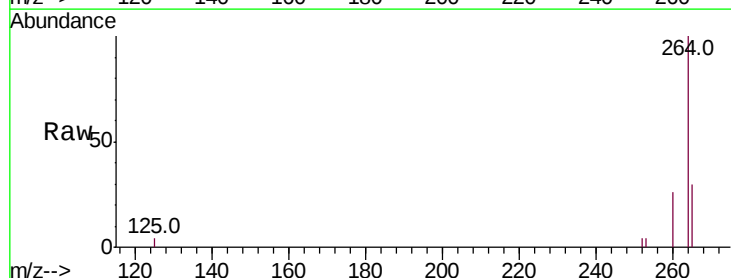


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

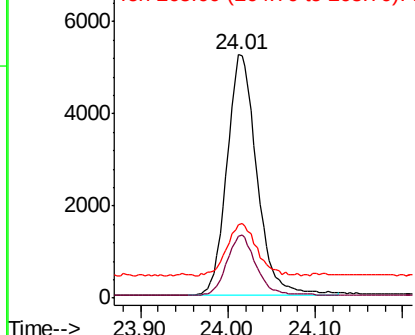
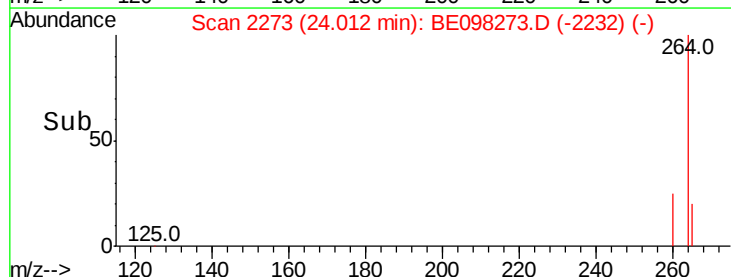


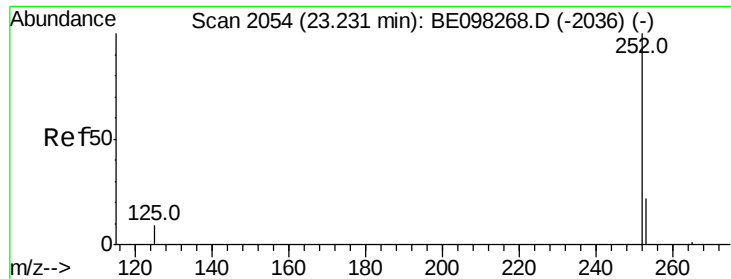
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Tgt Ion:264 Resp: 12418
Ion Ratio Lower Upper
264 100
260 25.6 20.2 30.2
265 30.3 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: 0.283 ng

RT: 23.23 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

Instrument :

BNA_E

ClientSampleId :

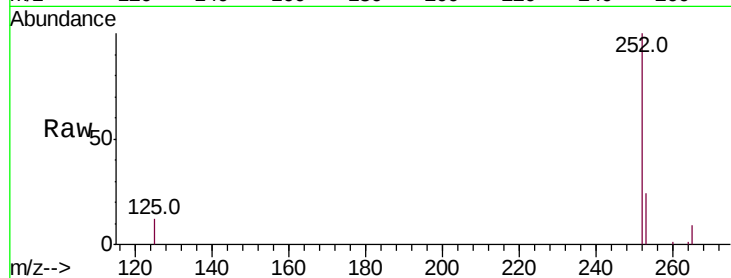
Tot Ion:252 Resp: 10295

Ion Ratio Lower Upper

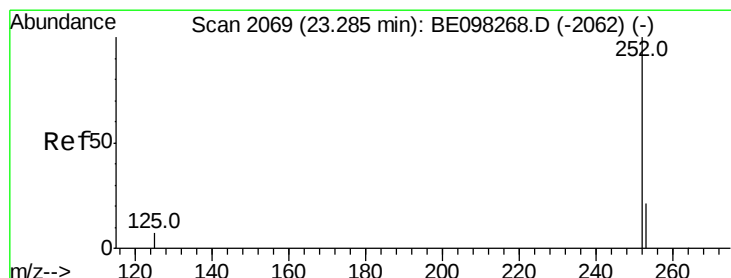
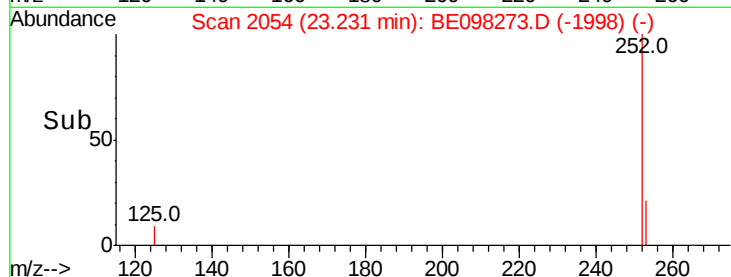
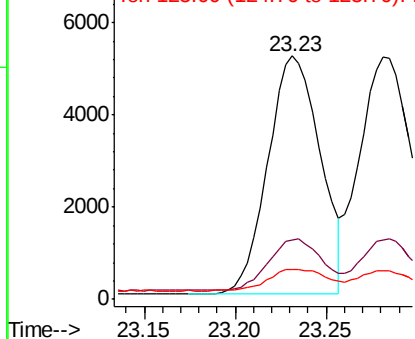
252 100

253 24.4 20.0 30.0

125 12.4 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: 0.287 ng

RT: 23.28 min Scan# 2068

Delta R.T. -0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

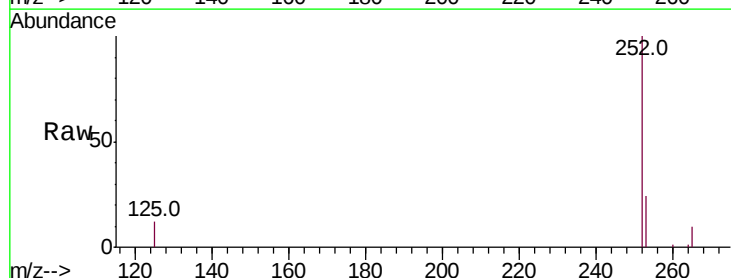
Tgt Ion:252 Resp: 10972

Ion Ratio Lower Upper

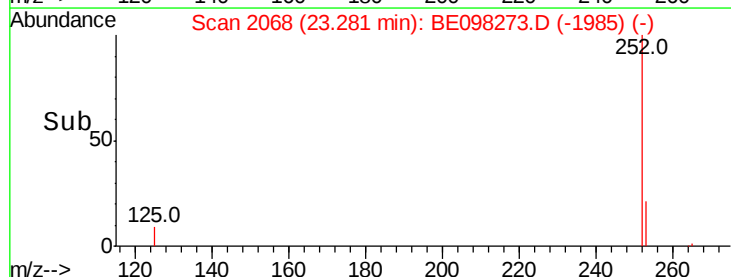
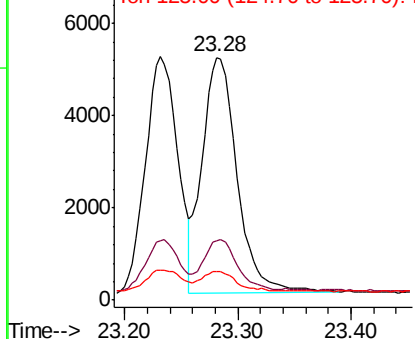
252 100

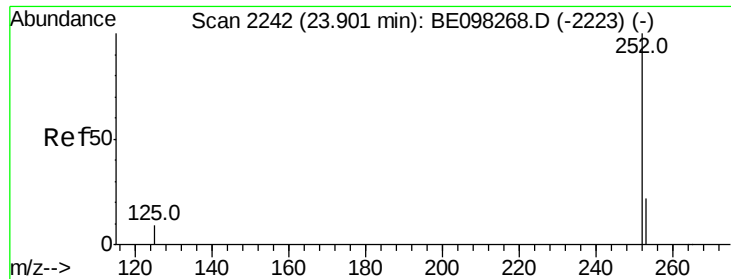
253 24.2 19.0 28.6

125 11.9 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

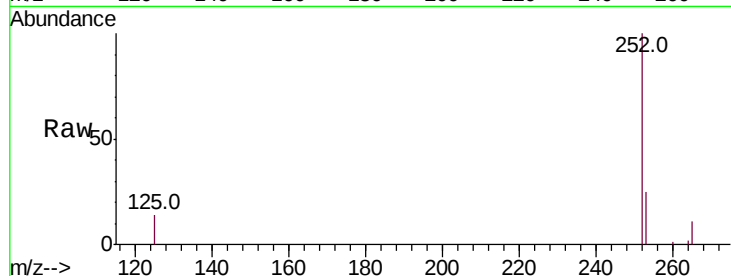




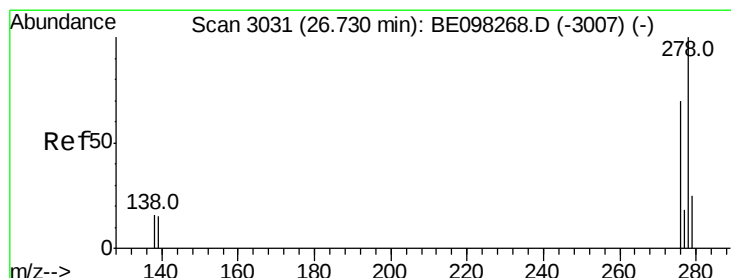
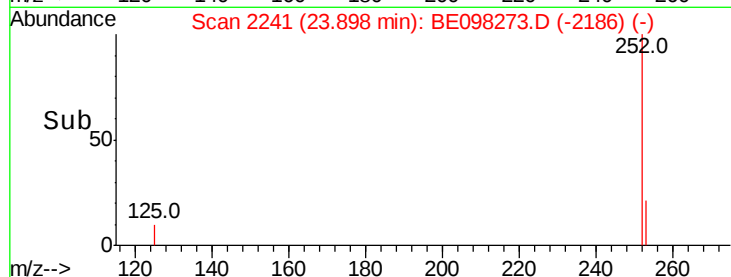
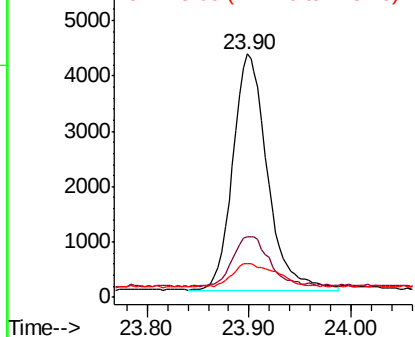
#37
Benzo(a)pyrene
Concen: 0.286 ng
RT: 23.90 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 10048
Ion Ratio Lower Upper
252 100
253 25.0 20.6 30.8
125 13.7 10.5 15.7

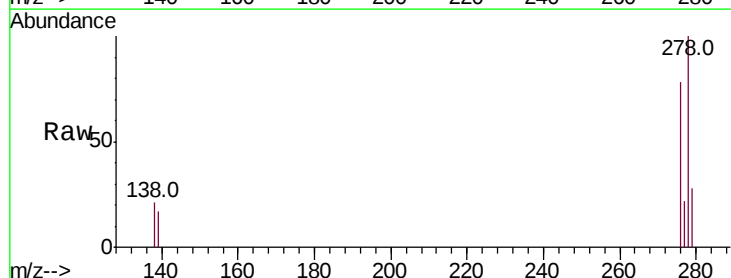


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

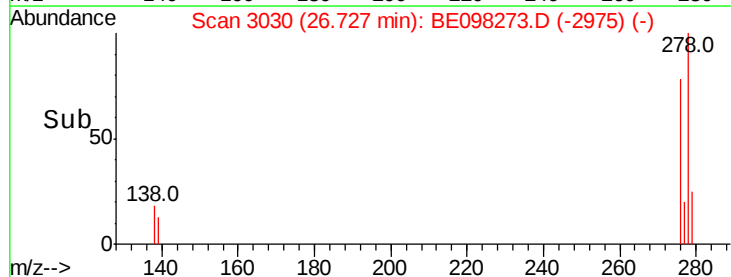
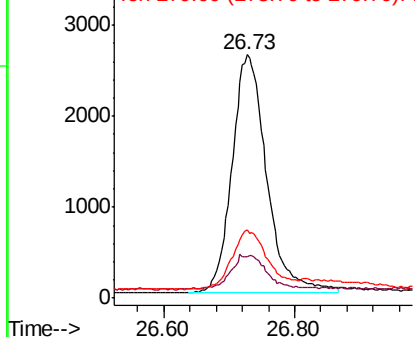


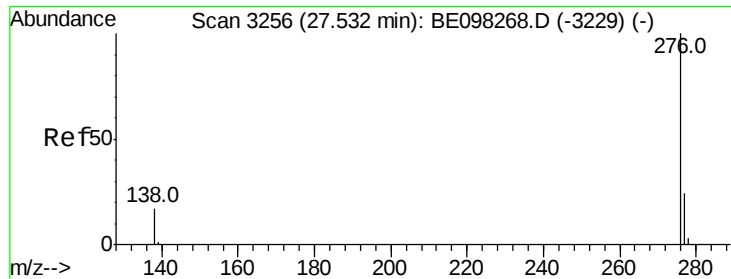
#38
Dibenzo(a,h)anthracene
Concen: 0.291 ng
RT: 26.73 min Scan# 3030
Delta R.T. -0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Tgt Ion:278 Resp: 9661
Ion Ratio Lower Upper
278 100
139 17.0 14.5 21.7
279 28.1 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: 0.298 ng

RT: 27.54 min Scan# 3257

Delta R.T. 0.00 min

Lab File: BE098273.D

Acq: 29 Nov 2018 14:36

Instrument :

BNA_E

ClientSampleId :

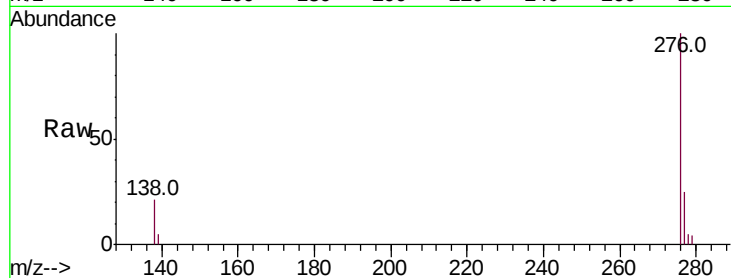
Tot Ion:276 Resp: 9928

Ion Ratio Lower Upper

276 100

277 25.3 20.8 31.2

138 20.8 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

