

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE111418\
 Data File : BE098227.D
 Acq On : 14 Nov 2018 17:50
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Nov 15 03:36:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 13:32:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1381	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6399	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4123	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9570	0.40	ng	0.00
27) Chrysene-d12	21.46	240	10667	0.40	ng	0.00
34) Perylene-d12	24.01	264	10032	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1563	0.40	ng	0.00
5) Phenol-d6	7.03	99	2439	0.39	ng	0.00
8) Nitrobenzene-d5	9.02	82	2618	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	4567	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	587	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7039	0.41	ng	0.00
25) Fluoranthene-d10	19.31	212	47059	0.39	ng	0.00
29) Terphenyl-d14	19.91	244	9559	0.39	ng	0.00

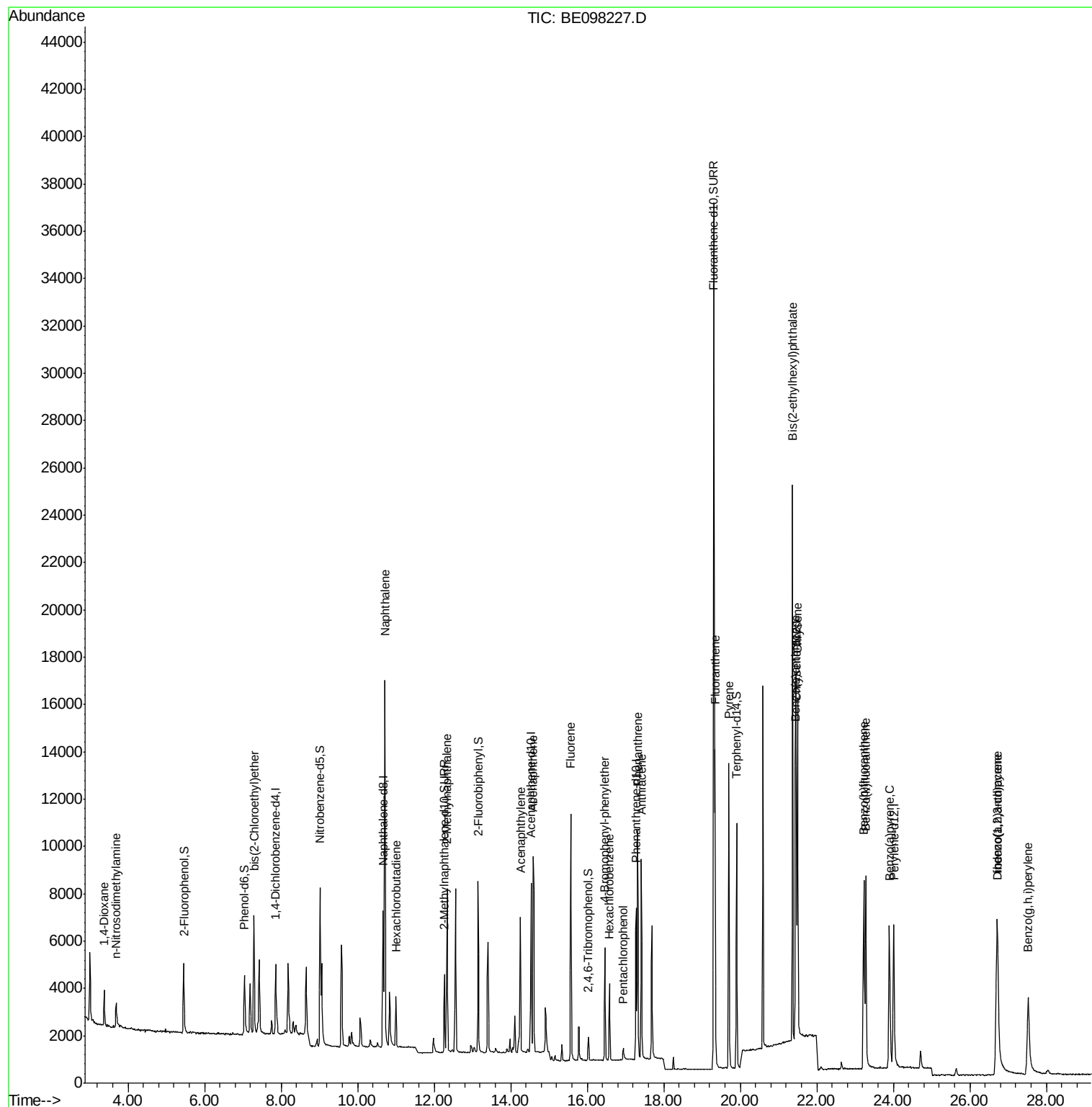
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	867	0.417	ng	89
3) n-Nitrosodimethylamine	3.69	42	1012	0.373	ng	# 90
6) bis(2-Chloroethyl)ether	7.29	93	1875	0.371	ng	98
9) Naphthalene	10.72	128	26897	0.413	ng	99
10) Hexachlorobutadiene	11.00	225	1553	0.384	ng	98
12) 2-Methylnaphthalene	12.34	142	4695	0.416	ng	93
16) Acenaphthylene	14.26	152	7964	0.421	ng	98
17) Acenaphthene	14.59	154	4779	0.414	ng	99
18) Fluorene	15.57	166	6090	0.412	ng	100
20) 4-Bromophenyl-phenylether	16.46	248	2389	0.410	ng	92
21) Hexachlorobenzene	16.58	284	2511	0.414	ng	97
22) Pentachlorophenol	16.94	266	364	0.349	ng	98
23) Phenanthrene	17.32	178	9966	0.418	ng	99
24) Anthracene	17.41	178	8959	0.403	ng	99
26) Fluoranthene	19.34	202	11834	0.401	ng	98
28) Pyrene	19.70	202	12183	0.415	ng	99
30) Benzo(a)anthracene	21.44	228	12300	0.406	ng	96
31) Chrysene	21.50	228	12786	0.415	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	23763	0.378	ng	100
33) Indeno(1,2,3-cd)pyrene	26.71	276	11930	0.423	ng	# 91
35) Benzo(b)fluoranthene	23.23	252	11831	0.416	ng	98
36) Benzo(k)fluoranthene	23.28	252	12797	0.426	ng	100
37) Benzo(a)pyrene	23.89	252	11229	0.411	ng	98
38) Dibenzo(a,h)anthracene	26.73	278	9382	0.404	ng	99
39) Benzo(g,h,i)perylene	27.53	276	9935	0.409	ng	97

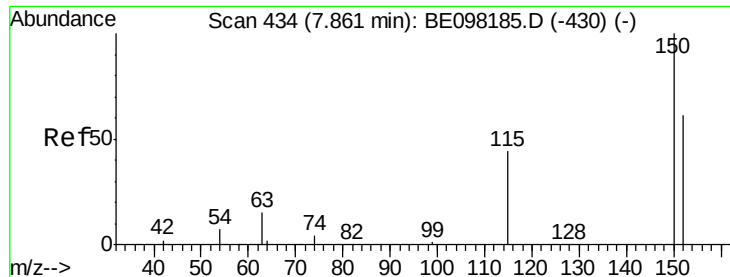
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 12 13:32:15 2018
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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: BE098227.D

Acq: 14 Nov 2018 17:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

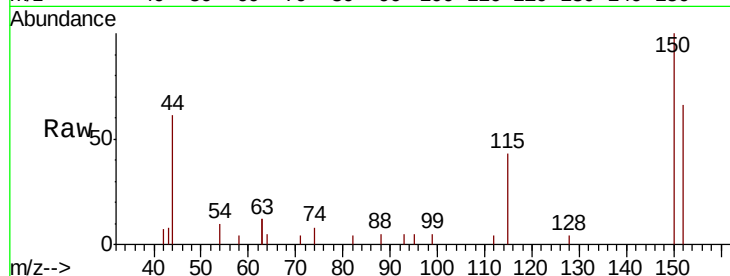
Tgt Ion: 152 Resp: 1381

Ion Ratio Lower Upper

152 100

150 152.5 127.5 191.3

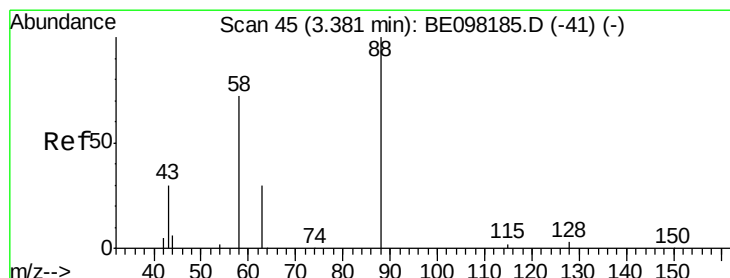
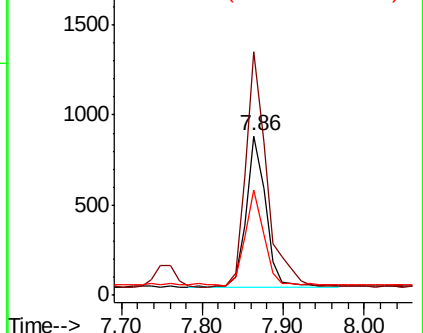
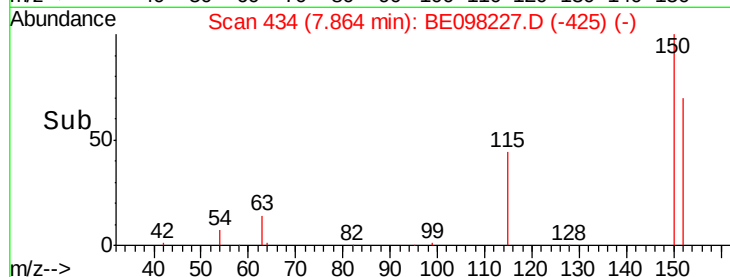
115 66.3 60.3 90.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.417 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.01 min

Lab File: BE098227.D

Acq: 14 Nov 2018 17:50

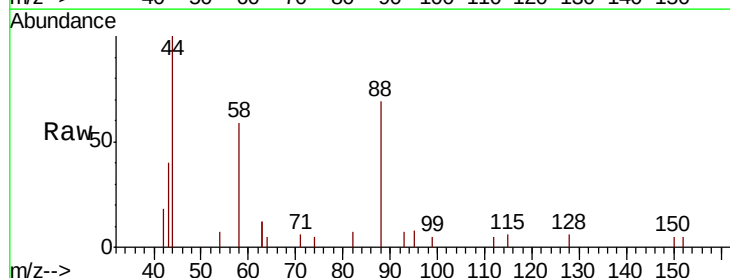
Tgt Ion: 88 Resp: 867

Ion Ratio Lower Upper

88 100

58 87.4 79.0 118.4

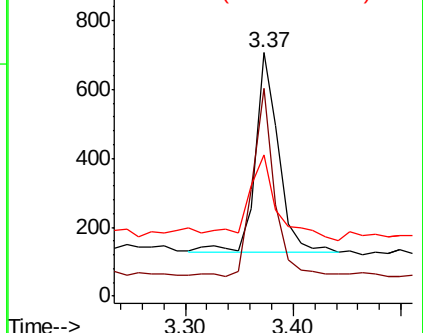
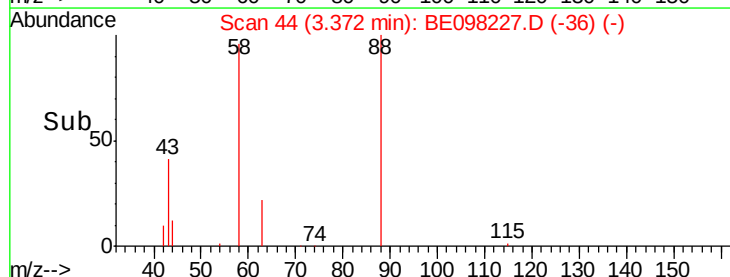
43 53.7 38.1 57.1

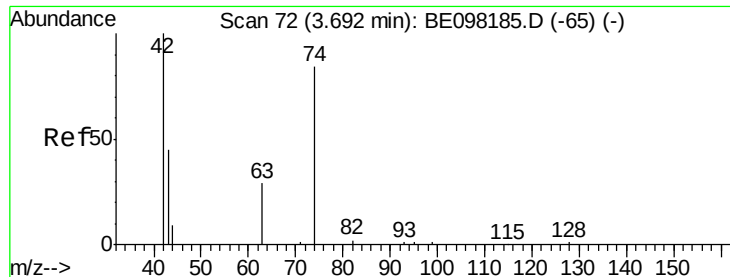


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

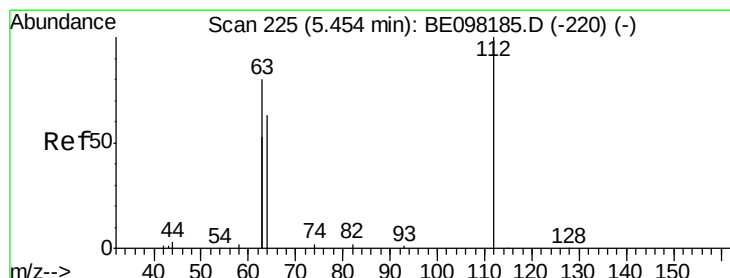
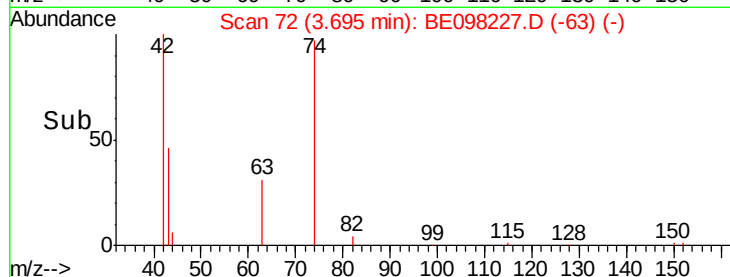
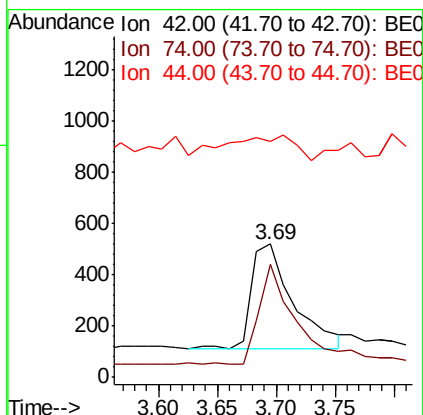
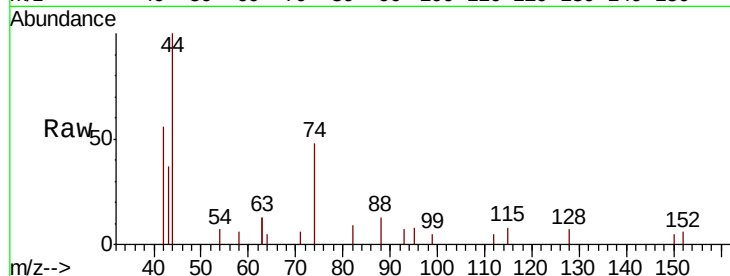




#3
 n-Nitrosodimethylamine
 Concen: 0.373 ng
 RT: 3.69 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BE098227.D
 Acq: 14 Nov 2018 17:50

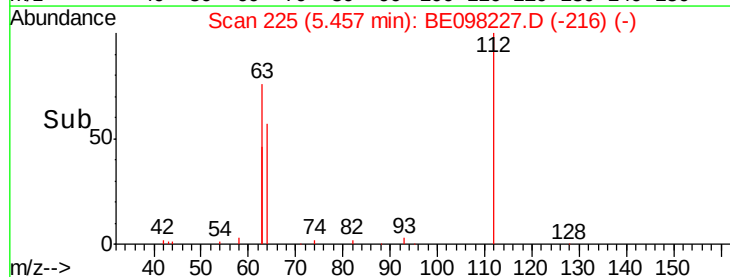
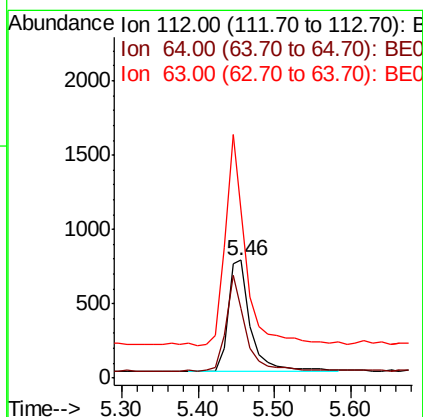
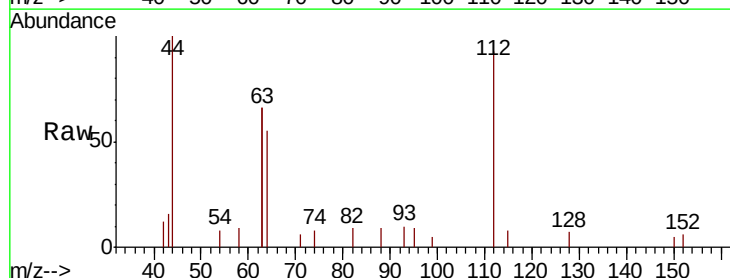
Instrument :
 BNA_E
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 SSTDCCC0.4EC

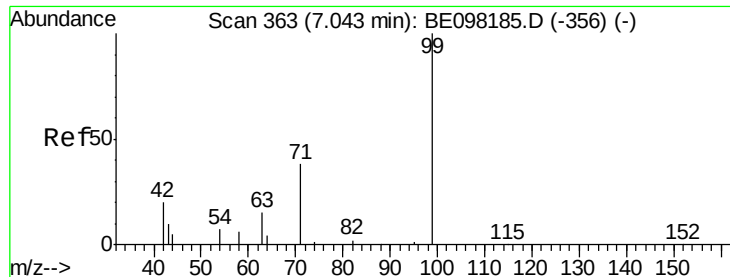
Tgt Ion: 42 Resp: 1012
 Ion Ratio Lower Upper
 42 100
 74 81.4 61.7 92.5
 44 32.0 14.0 21.0#



#4
 2-Fluorophenol
 Concen: 0.401 ng
 RT: 5.46 min Scan# 225
 Delta R.T. 0.00 min
 Lab File: BE098227.D
 Acq: 14 Nov 2018 17:50

Tgt Ion: 112 Resp: 1563
 Ion Ratio Lower Upper
 112 100
 64 75.2 61.7 92.5
 63 169.4 136.2 204.2





#5

Phenol-d6

Concen: 0.389 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098227.D

Acq: 14 Nov 2018 17:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

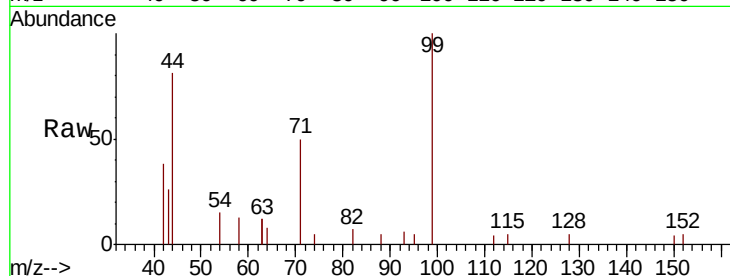
Tgt Ion: 99 Resp: 2439

Ion Ratio Lower Upper

99 100

42 29.6 27.1 40.7

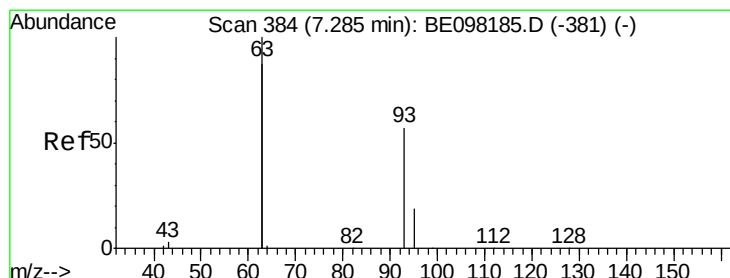
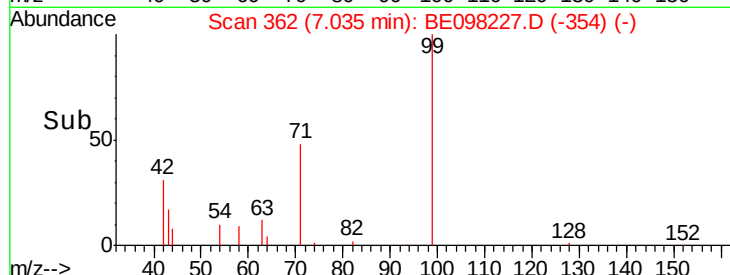
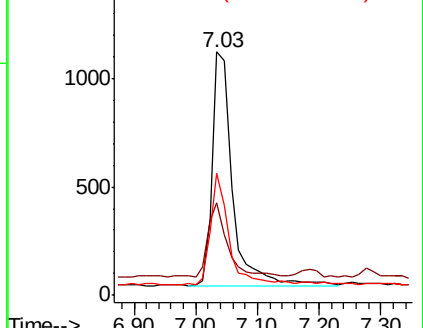
71 42.7 37.0 55.6



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: 0.371 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098227.D

Acq: 14 Nov 2018 17:50

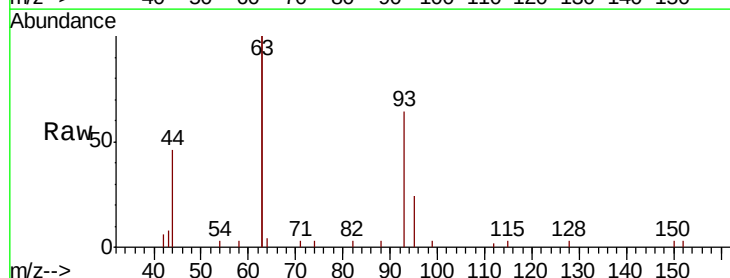
Tgt Ion: 93 Resp: 1875

Ion Ratio Lower Upper

93 100

63 343.6 272.6 409.0

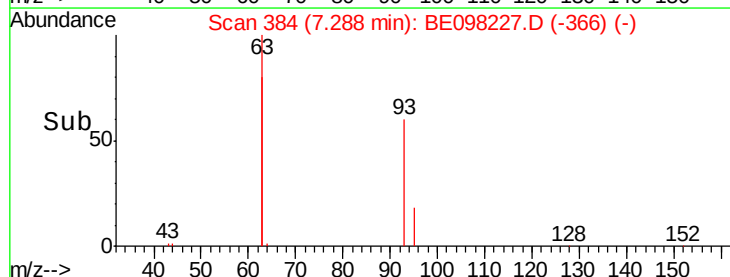
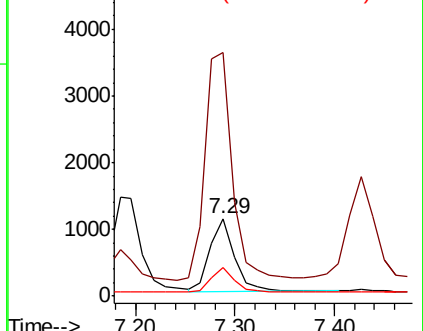
95 31.1 27.1 40.7

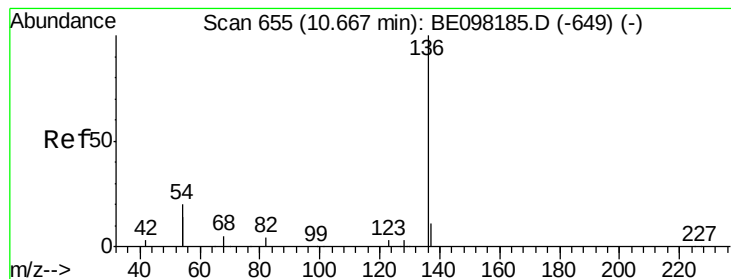


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098227.D

Acq: 14 Nov 2018 17:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 6399

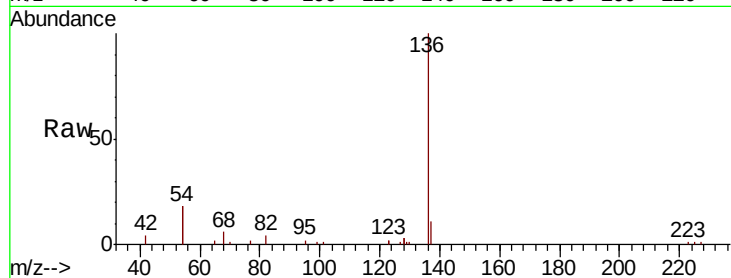
Ion Ratio Lower Upper

136 100

137 11.1 9.5 14.3

54 36.4 31.3 46.9

68 5.8 4.8 7.2

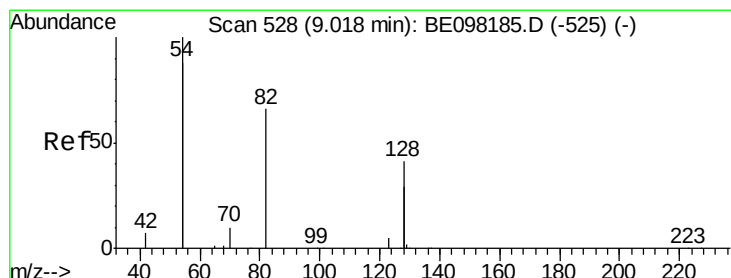
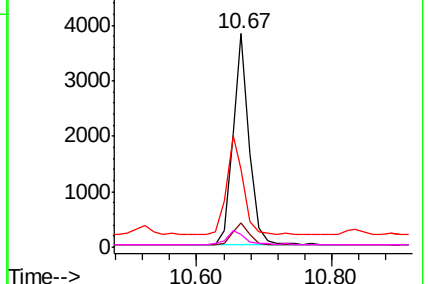
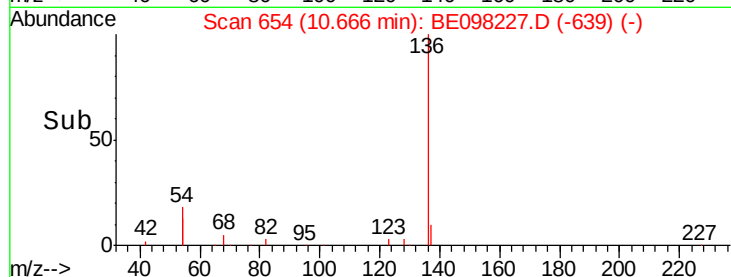


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.410 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098227.D

Acq: 14 Nov 2018 17:50

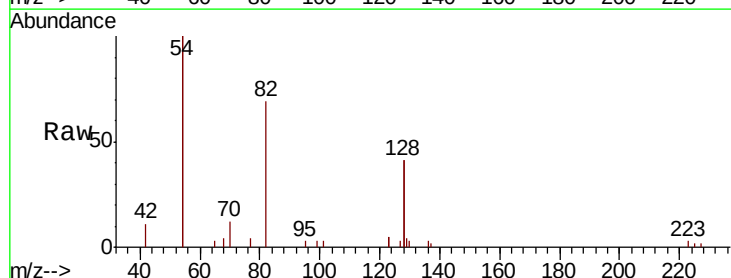
Tgt Ion: 82 Resp: 2618

Ion Ratio Lower Upper

82 100

128 119.3 96.1 144.1

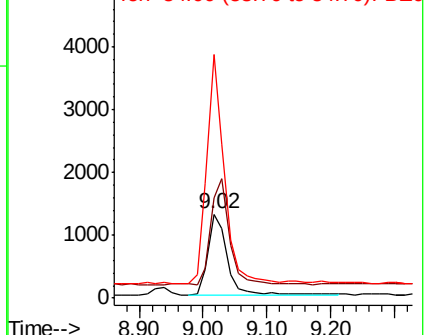
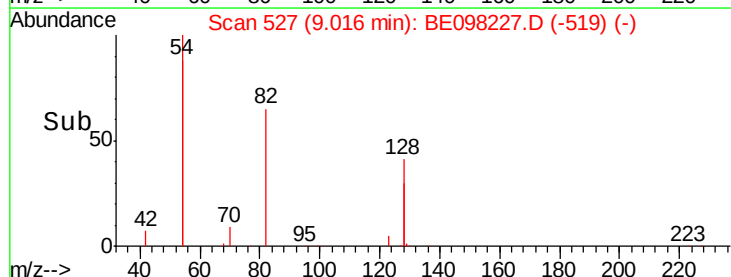
54 290.6 232.0 348.0

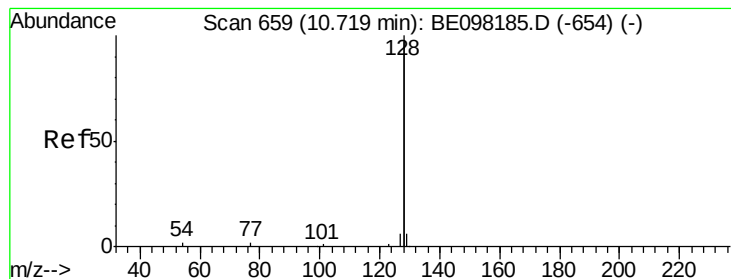


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.413 ng

RT: 10.72 min Scan# 658

Delta R.T. -0.00 min

Lab File: BE098227.D

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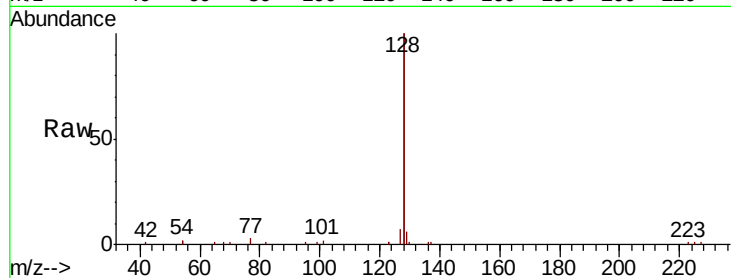
Tgt Ion:128 Resp: 26897

Ion Ratio Lower Upper

128 100

129 3.0 2.6 4.0

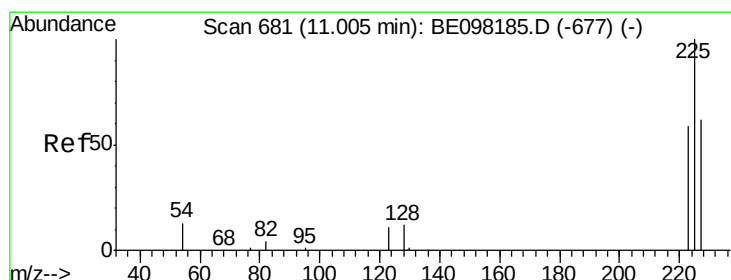
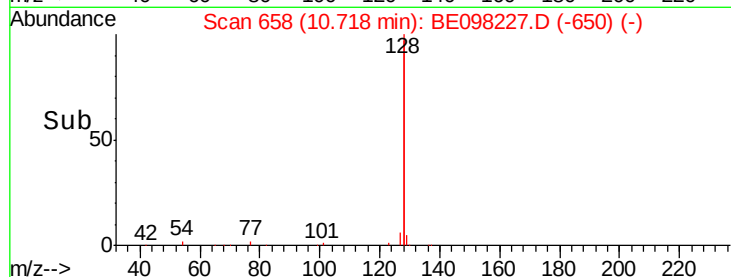
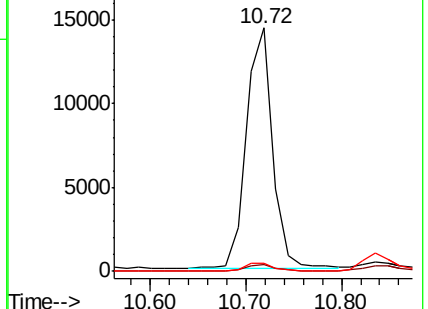
127 3.6 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.384 ng

RT: 11.00 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE098227.D

Acq: 14 Nov 2018 17:50

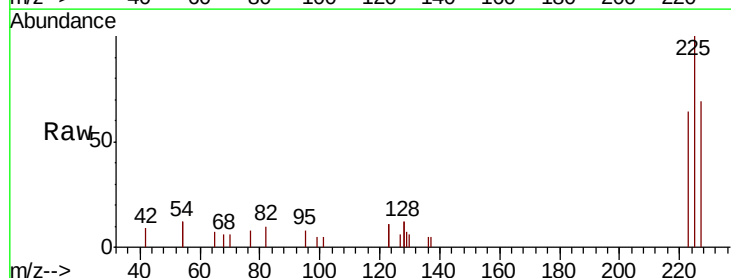
Tgt Ion:225 Resp: 1553

Ion Ratio Lower Upper

225 100

223 62.9 50.5 75.7

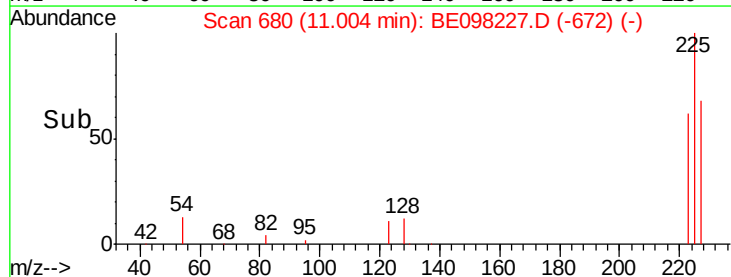
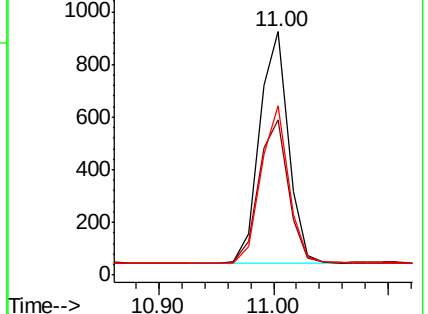
227 65.4 50.3 75.5

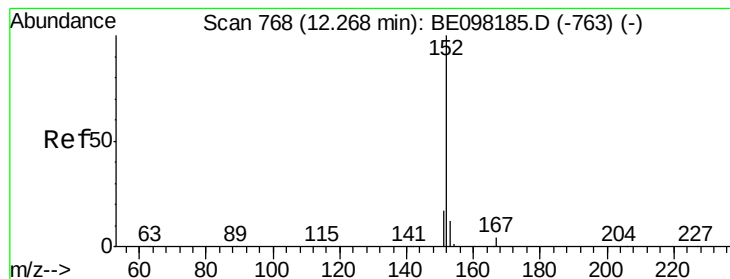


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.407 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098227.D

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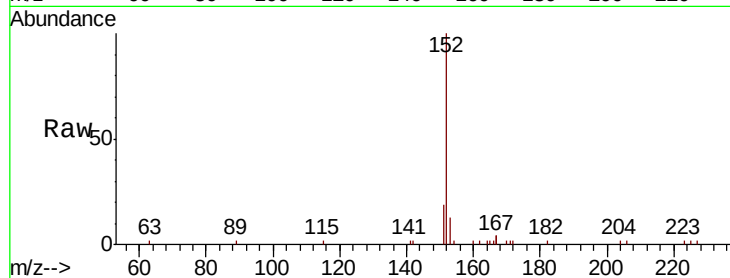
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4567

Ion Ratio Lower Upper

152 100

151 19.2 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

3000

2500

2000

1500

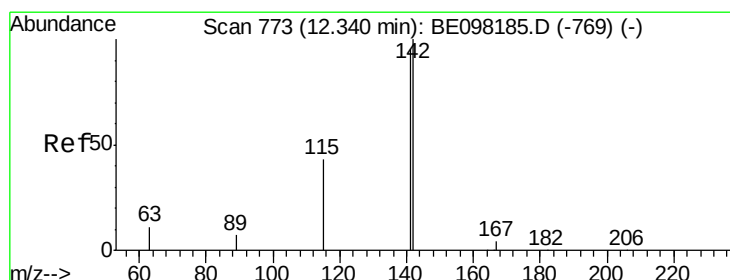
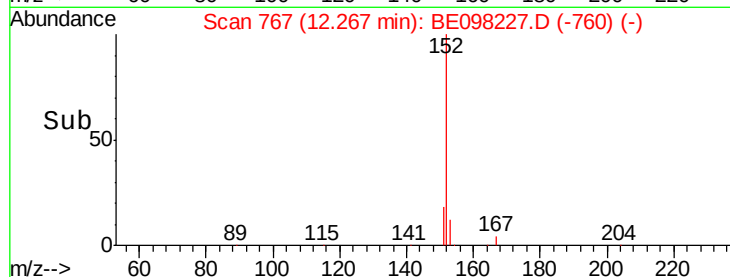
1000

500

0

12.20 12.30 12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.416 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098227.D

Acq: 14 Nov 2018 17:50

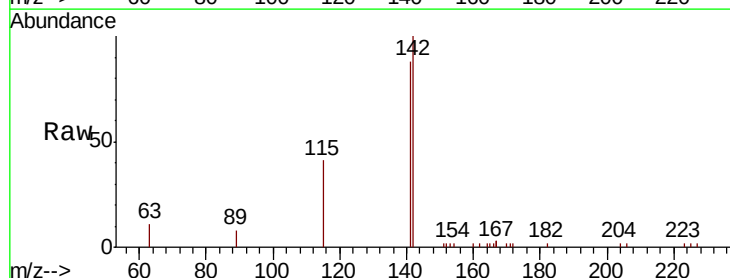
Tgt Ion:142 Resp: 4695

Ion Ratio Lower Upper

142 100

141 88.3 76.3 114.5

115 40.8 35.8 53.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

4000

3000

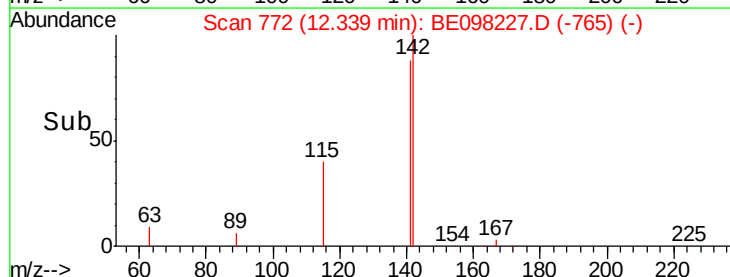
2000

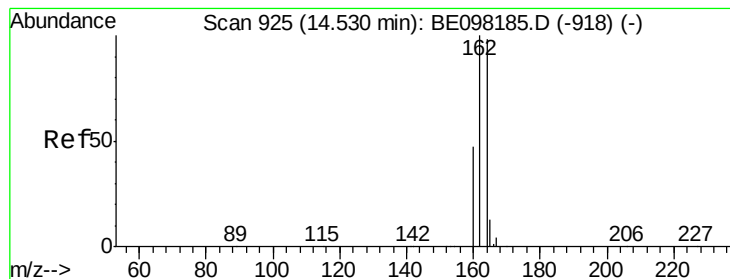
1000

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: BE098227.D

Acq: 14 Nov 2018 17:50

Instrument :

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ClientSampleId :

SSTDCCC0.4EC

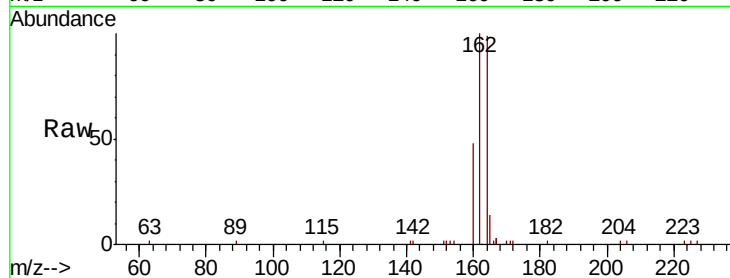
Tgt Ion:164 Resp: 4123

Ion Ratio Lower Upper

164 100

162 100.8 81.8 122.6

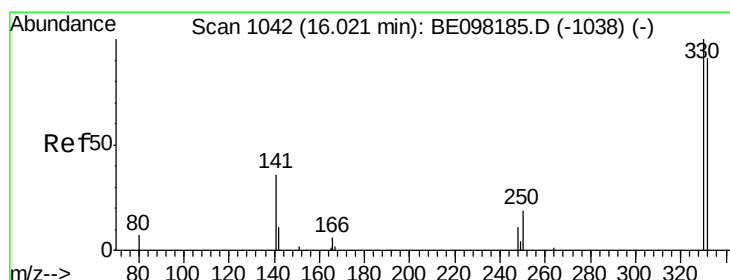
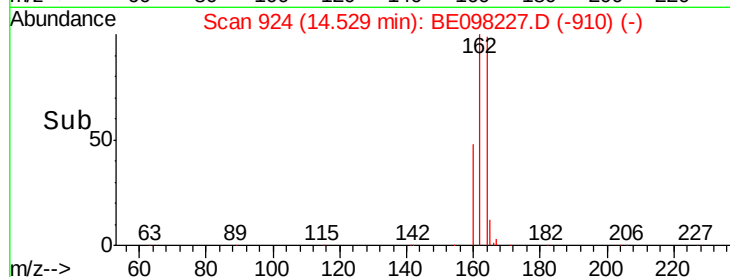
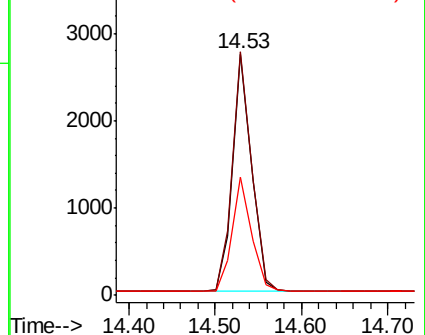
160 48.8 39.4 59.0



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: 0.326 ng

RT: 16.02 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BE098227.D

Acq: 14 Nov 2018 17:50

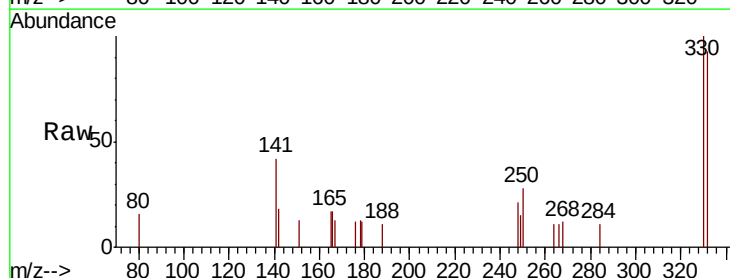
Tgt Ion:330 Resp: 587

Ion Ratio Lower Upper

330 100

332 96.3 77.7 116.5

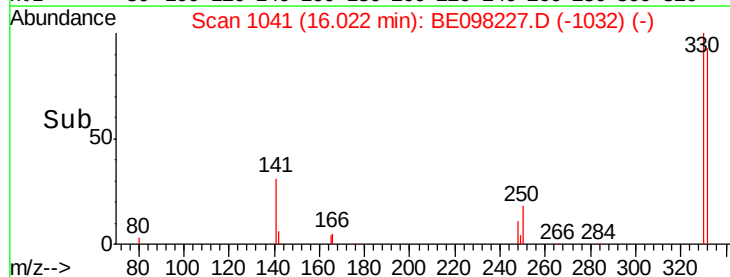
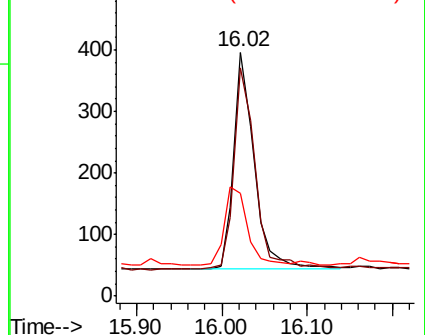
141 39.7 33.6 50.4

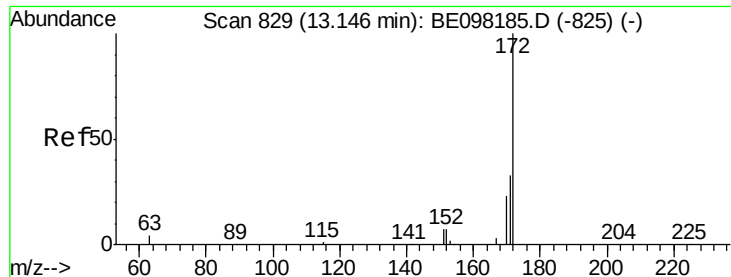


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

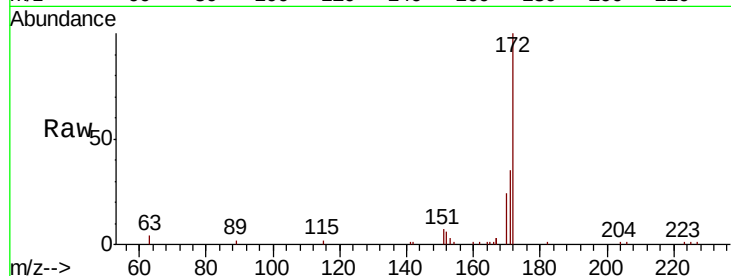




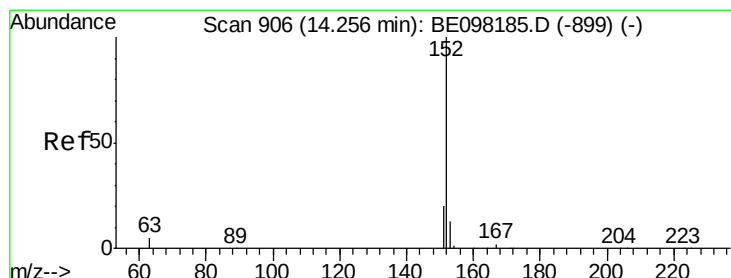
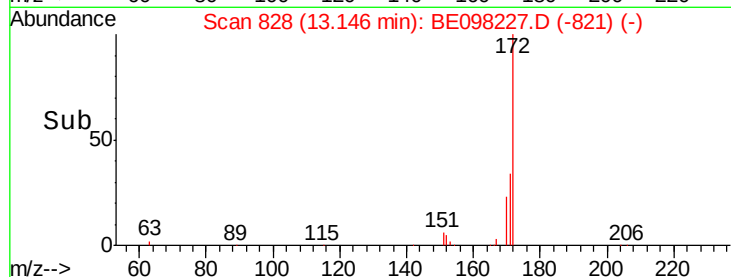
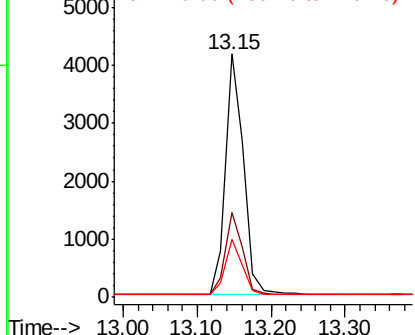
#15
2-Fluorobiphenyl
Concen: 0.408 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098227.D
Acq: 14 Nov 2018 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 7039
Ion Ratio Lower Upper
172 100
171 34.9 27.3 40.9
170 23.6 19.4 29.0

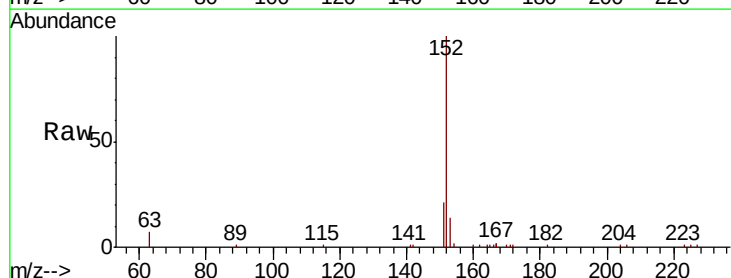


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

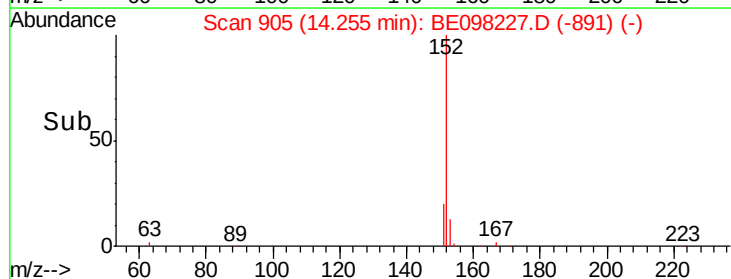
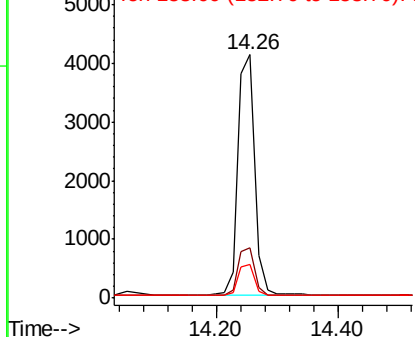


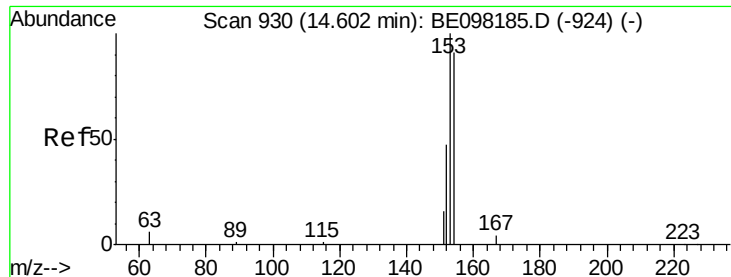
#16
Acenaphthylene
Concen: 0.421 ng
RT: 14.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098227.D
Acq: 14 Nov 2018 17:50

Tgt Ion:152 Resp: 7964
Ion Ratio Lower Upper
152 100
151 19.6 16.4 24.6
153 12.8 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.414 ng

RT: 14.59 min Scan# 928

Delta R.T. -0.01 min

Lab File: BE098227.D

Acq: 14 Nov 2018 17:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

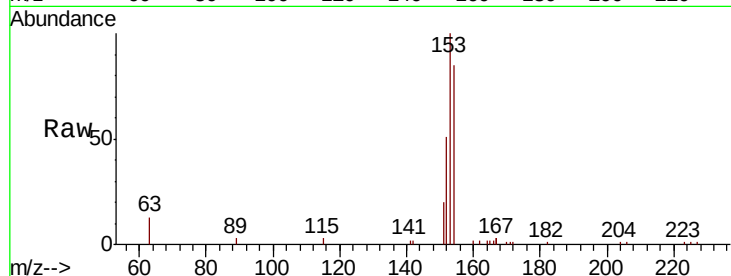
Tgt Ion:154 Resp: 4779

Ion Ratio Lower Upper

154 100

153 115.6 92.1 138.1

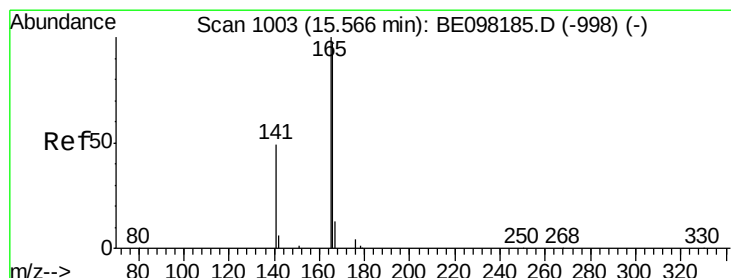
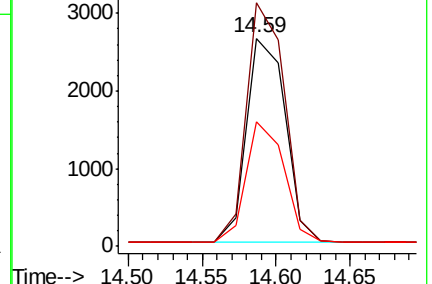
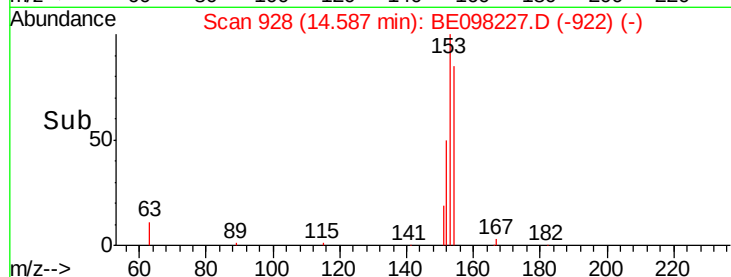
152 58.6 46.2 69.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.412 ng

RT: 15.57 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE098227.D

Acq: 14 Nov 2018 17:50

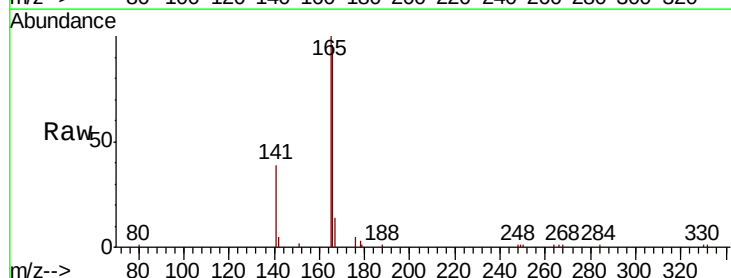
Tgt Ion:166 Resp: 6090

Ion Ratio Lower Upper

166 100

165 100.3 80.1 120.1

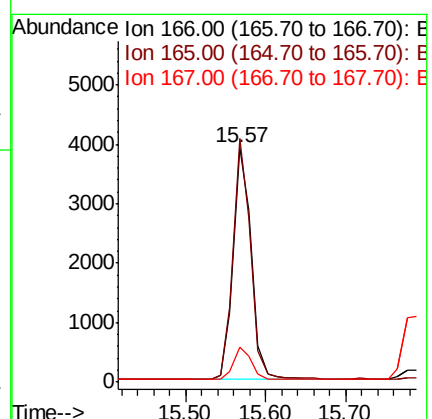
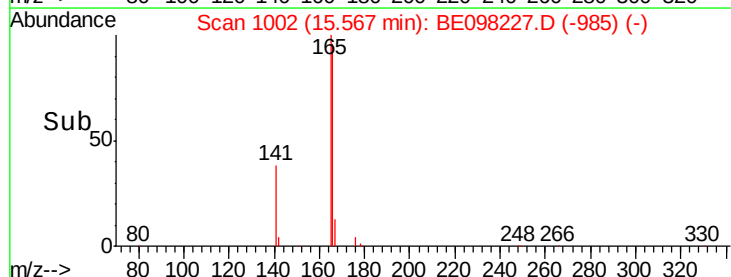
167 13.9 10.8 16.2

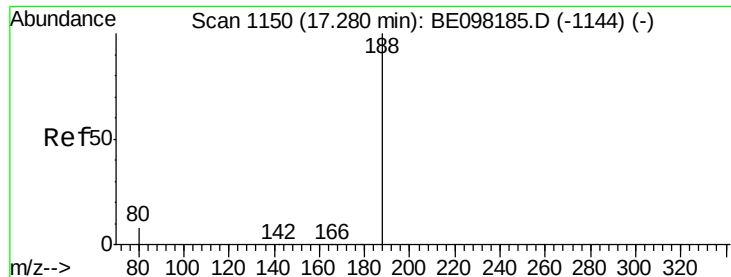


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BE098227.D

Acq: 14 Nov 2018 17:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

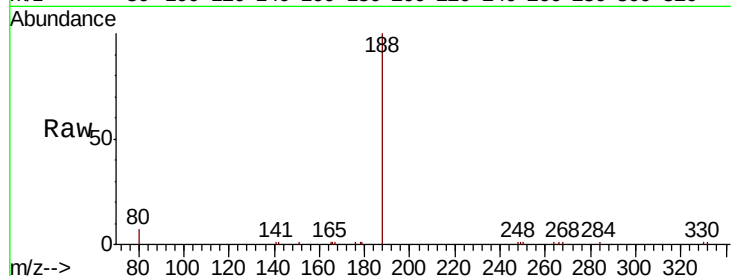
Tgt Ion:188 Resp: 9570

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

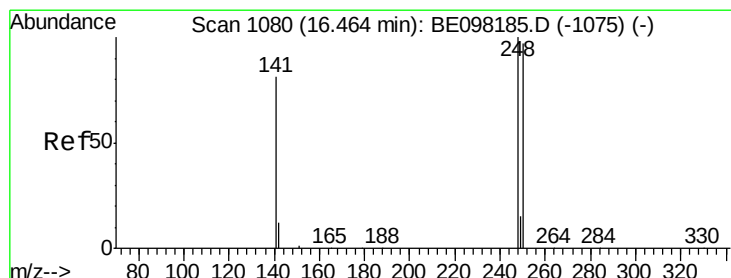
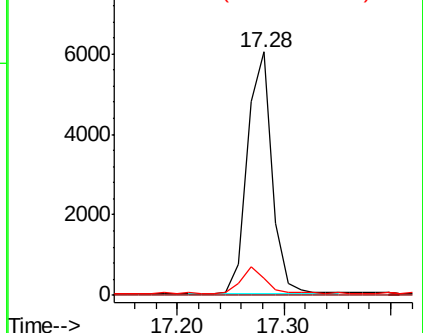
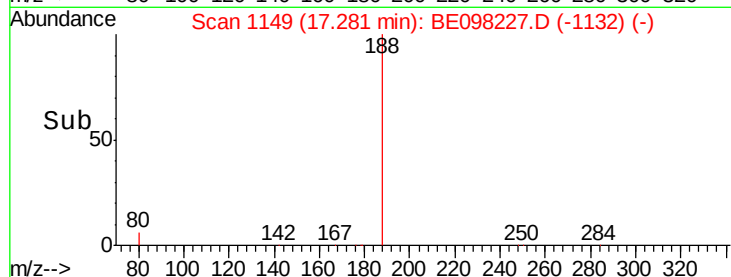
80 7.1 6.7 10.1



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: 0.410 ng

RT: 16.46 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BE098227.D

Acq: 14 Nov 2018 17:50

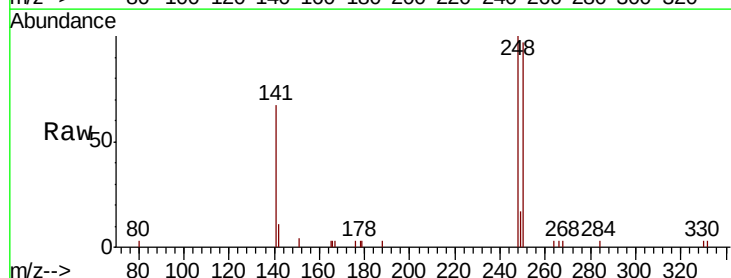
Tgt Ion:248 Resp: 2389

Ion Ratio Lower Upper

248 100

250 96.5 77.6 116.4

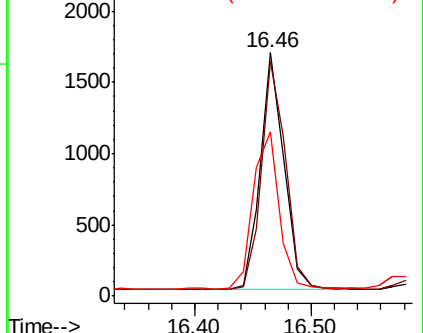
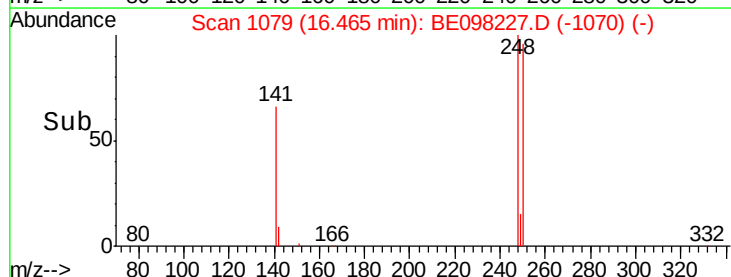
141 67.3 65.8 98.8

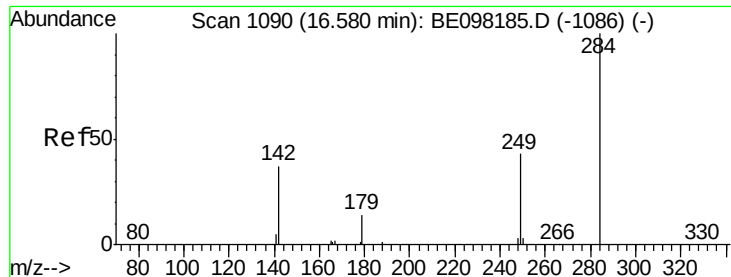


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.414 ng

RT: 16.58 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE098227.D

Acq: 14 Nov 2018 17:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

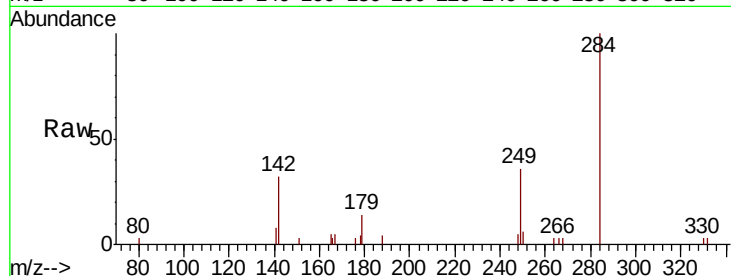
Tgt Ion:284 Resp: 2511

Ion Ratio Lower Upper

284 100

142 33.7 26.5 39.7

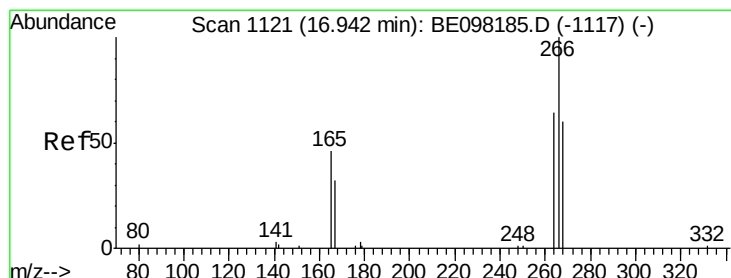
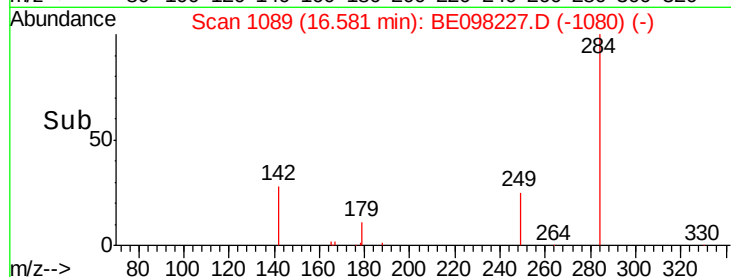
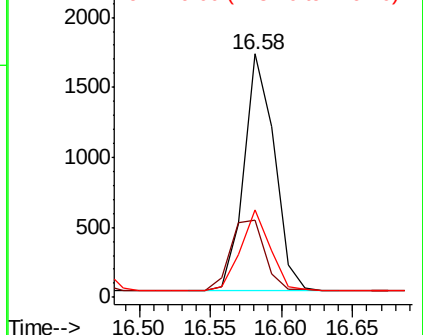
249 33.0 28.4 42.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.349 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098227.D

Acq: 14 Nov 2018 17:50

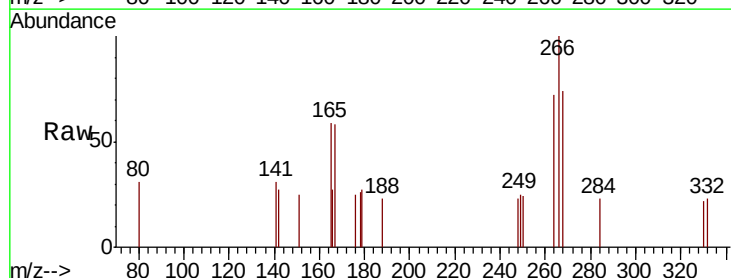
Tgt Ion:266 Resp: 364

Ion Ratio Lower Upper

266 100

264 71.5 57.6 86.4

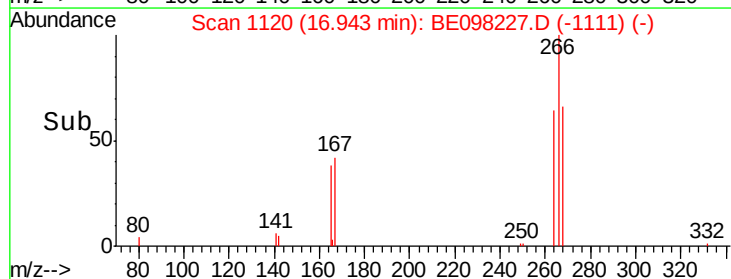
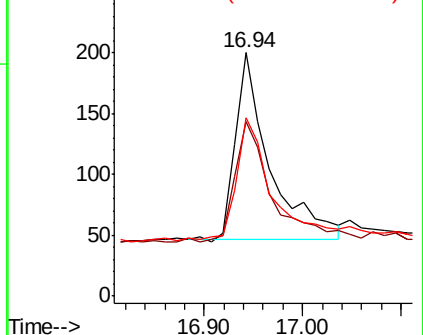
268 73.5 56.8 85.2

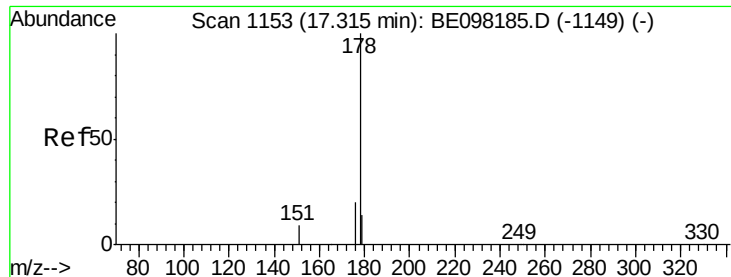


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.418 ng

RT: 17.32 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BE098227.D

Acq: 14 Nov 2018 17:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

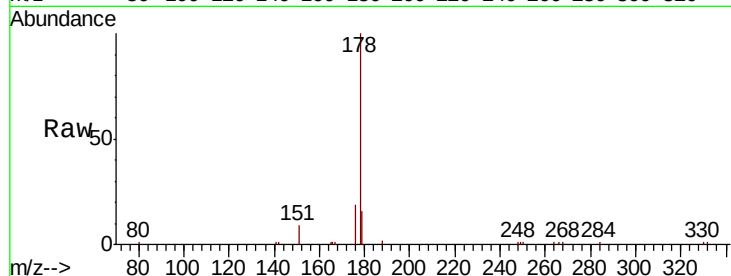
Tgt Ion:178 Resp: 9966

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.8

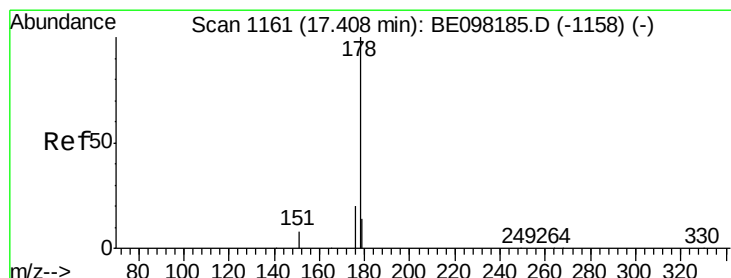
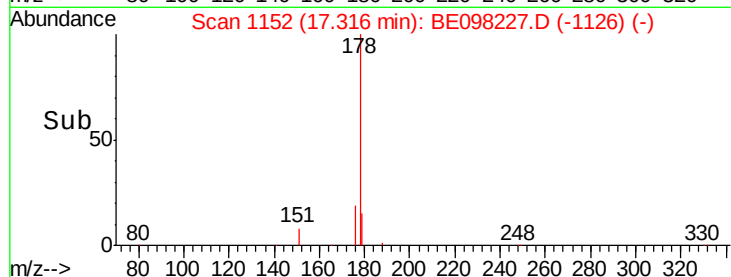
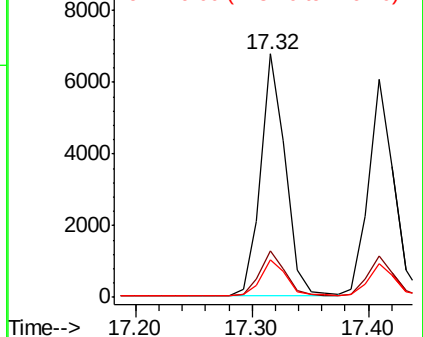
179 15.3 12.3 18.5



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



#24

Anthracene

Concen: 0.403 ng

RT: 17.41 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE098227.D

Acq: 14 Nov 2018 17:50

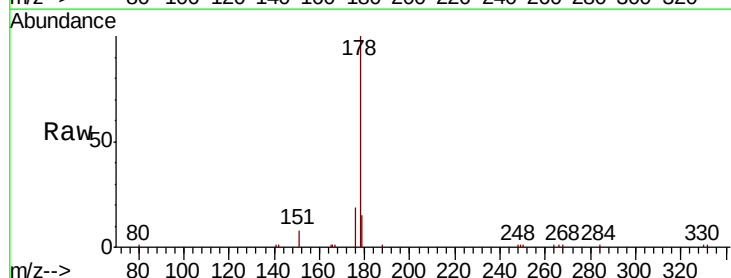
Tgt Ion:178 Resp: 8959

Ion Ratio Lower Upper

178 100

176 18.9 15.7 23.5

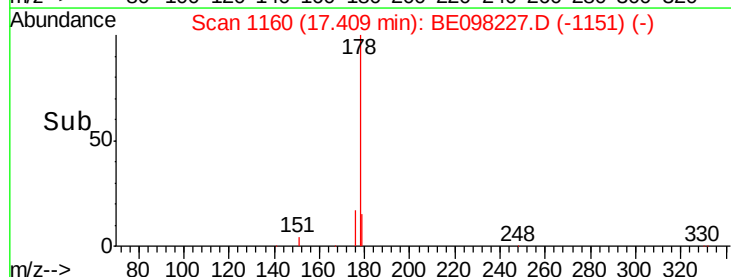
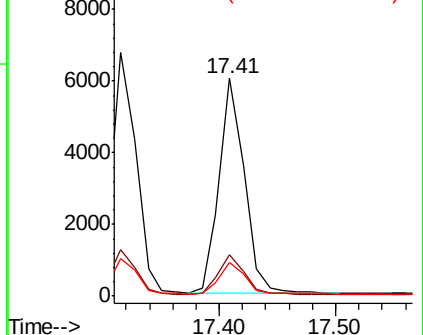
179 14.9 12.1 18.1

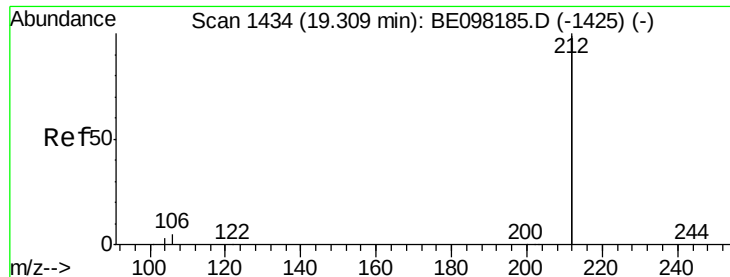


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.394 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE098227.D

Acq: 14 Nov 2018 17:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

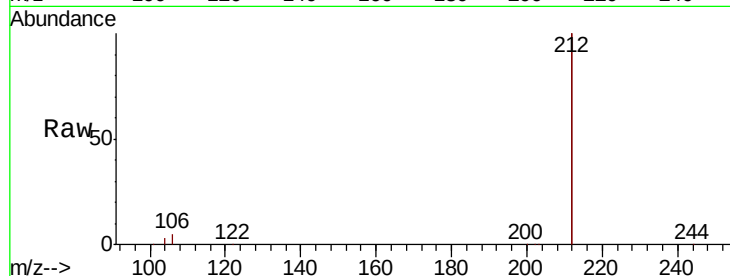
Tgt Ion:212 Resp: 47059

Ion Ratio Lower Upper

212 100

106 2.5 1.8 2.8

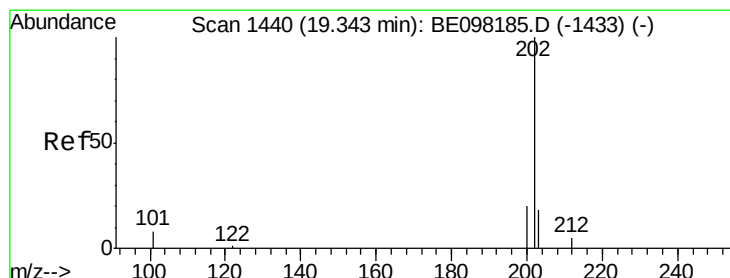
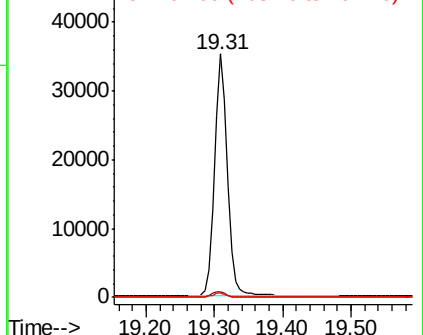
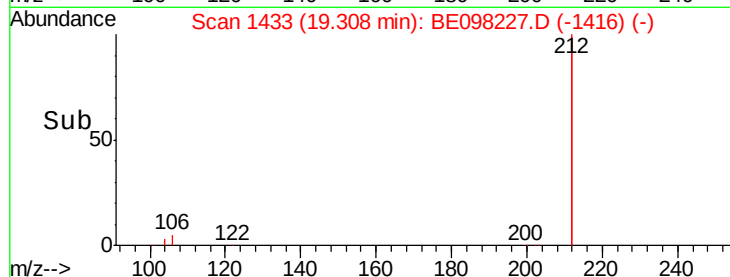
104 1.5 1.1 1.7



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.401 ng

RT: 19.34 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BE098227.D

Acq: 14 Nov 2018 17:50

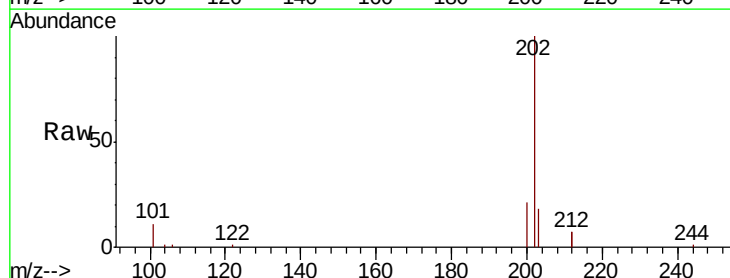
Tgt Ion:202 Resp: 11834

Ion Ratio Lower Upper

202 100

101 10.2 7.0 10.6

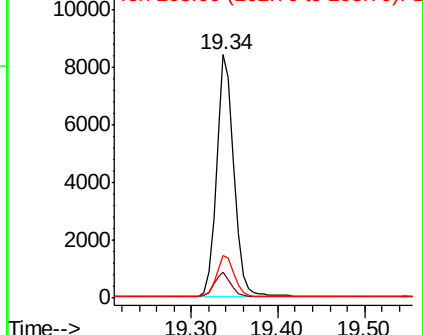
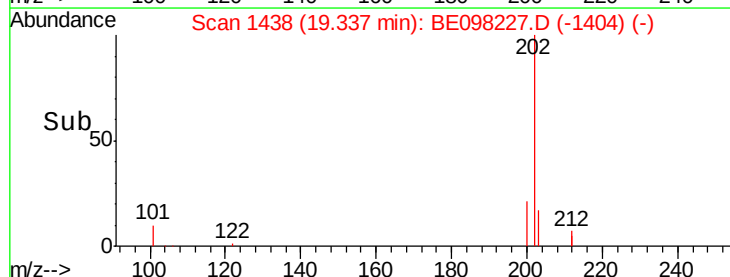
203 17.3 13.7 20.5

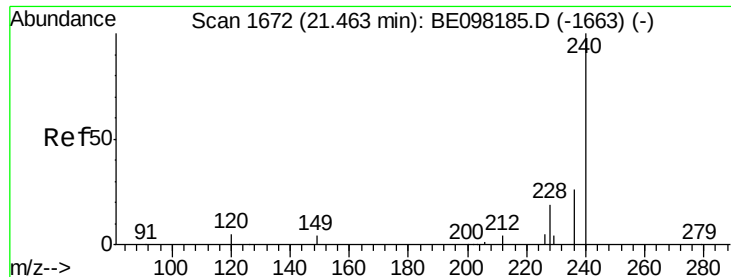


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098227.D

Acq: 14 Nov 2018 17:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

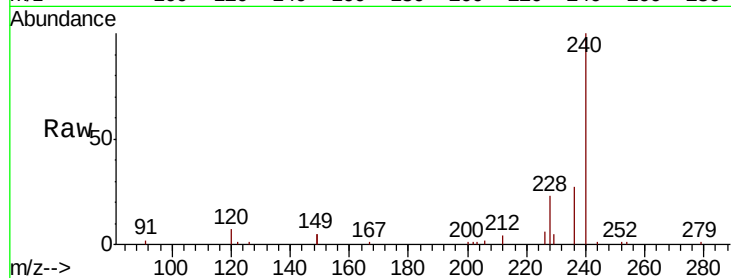
Tgt Ion:240 Resp: 10667

Ion Ratio Lower Upper

240 100

120 7.0 4.8 7.2

236 27.4 21.4 32.0

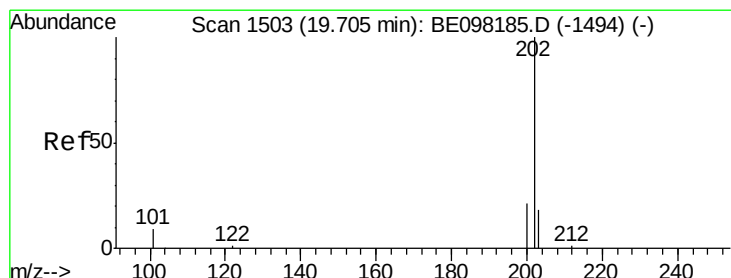
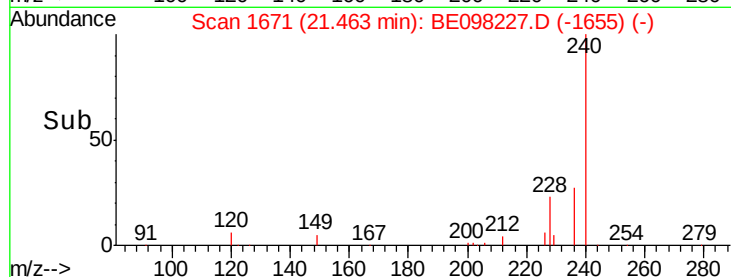
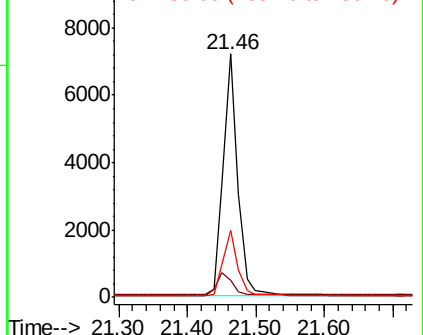


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.415 ng

RT: 19.70 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE098227.D

Acq: 14 Nov 2018 17:50

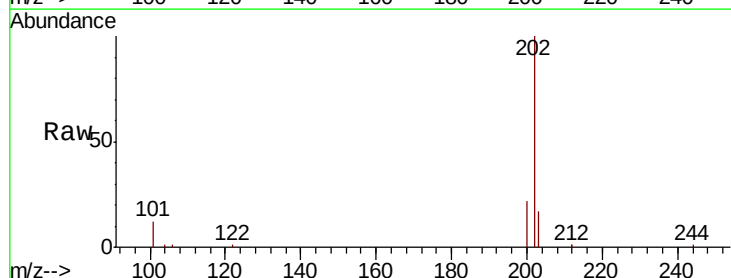
Tgt Ion:202 Resp: 12183

Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

203 17.3 14.2 21.4

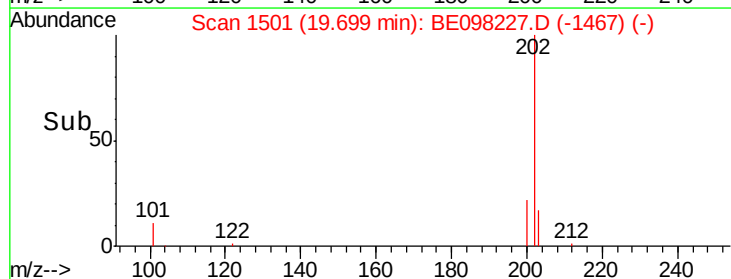
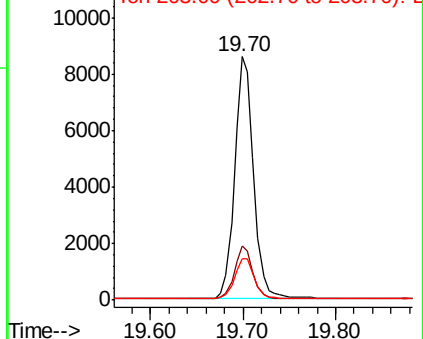


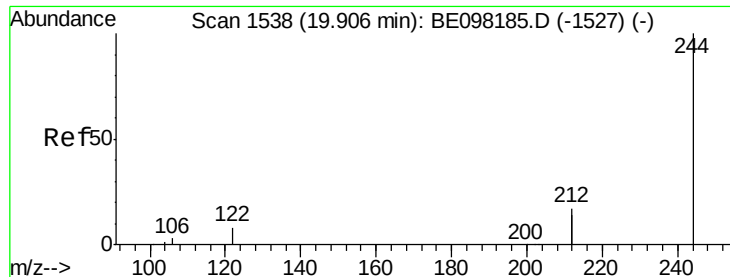
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.395 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098227.D

Acq: 14 Nov 2018 17:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

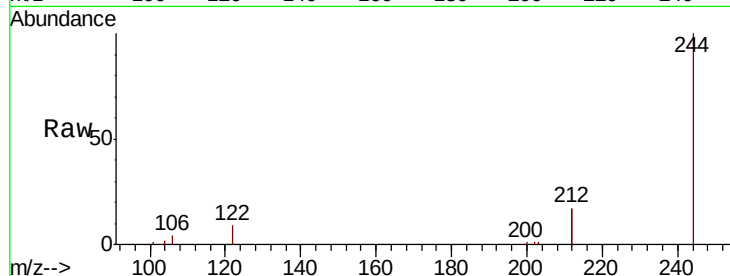
Tgt Ion:244 Resp: 9559

Ion Ratio Lower Upper

244 100

212 34.4 26.8 40.2

122 9.4 7.0 10.6

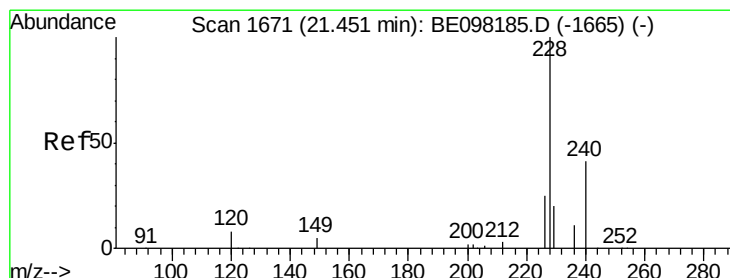
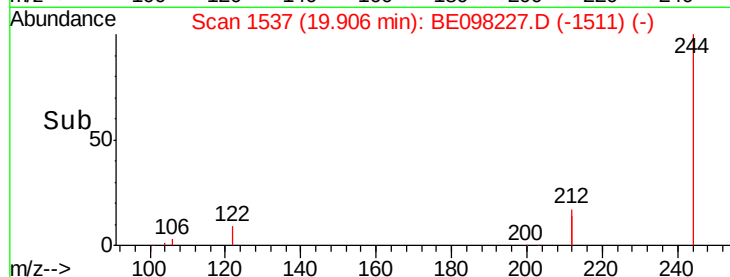
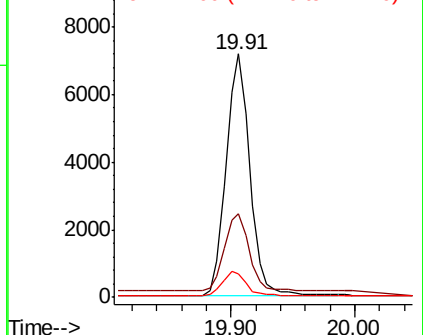


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.406 ng

RT: 21.44 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BE098227.D

Acq: 14 Nov 2018 17:50

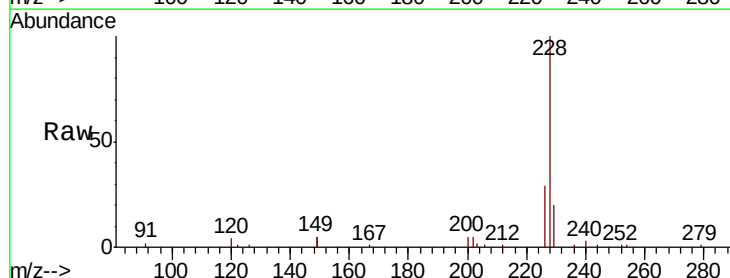
Tgt Ion:228 Resp: 12300

Ion Ratio Lower Upper

228 100

226 28.7 20.7 31.1

229 19.5 16.2 24.4

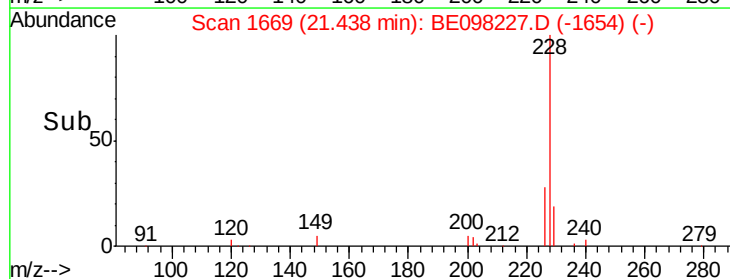
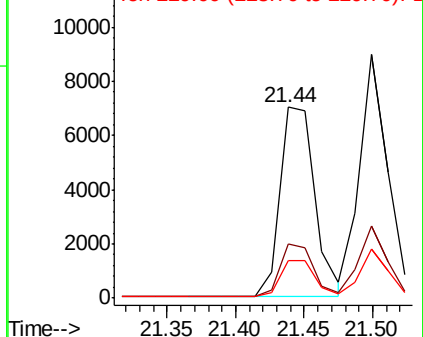


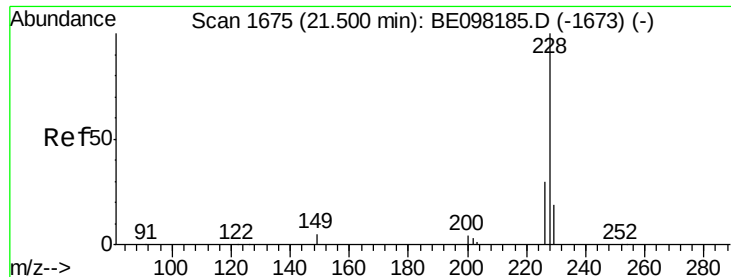
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.415 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098227.D

Acq: 14 Nov 2018 17:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

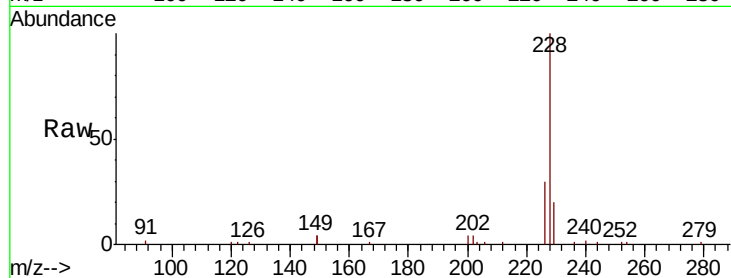
Tgt Ion:228 Resp: 12786

Ion Ratio Lower Upper

228 100

226 29.8 24.6 36.8

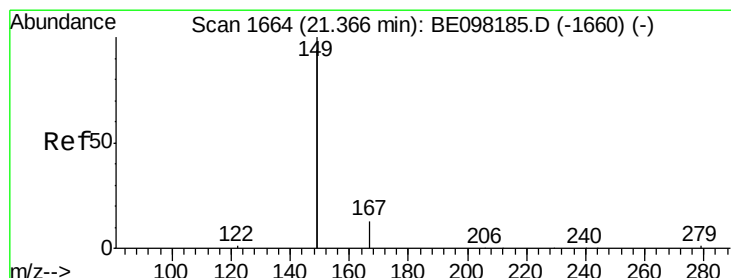
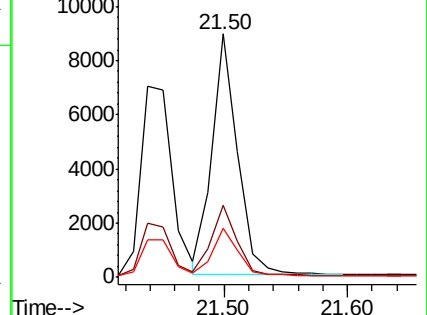
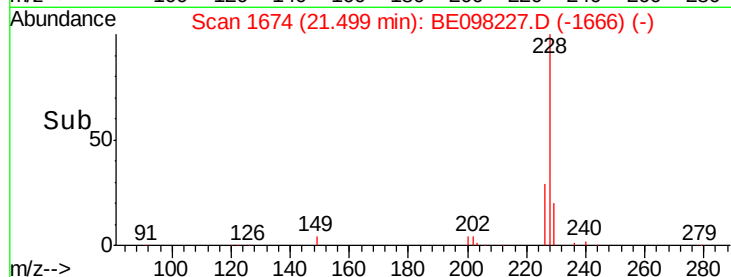
229 20.0 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.378 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098227.D

Acq: 14 Nov 2018 17:50

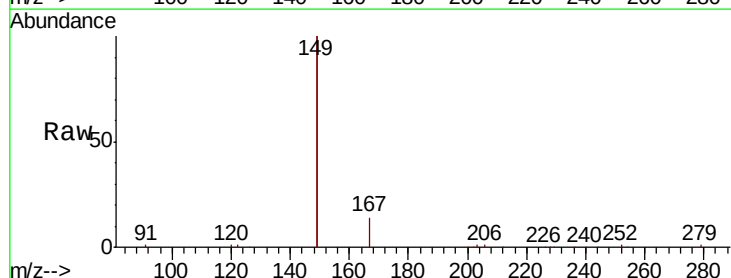
Tgt Ion:149 Resp: 23763

Ion Ratio Lower Upper

149 100

167 6.8 5.6 8.4

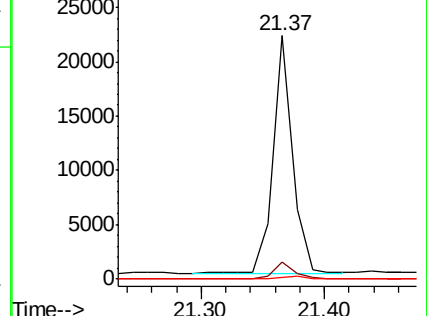
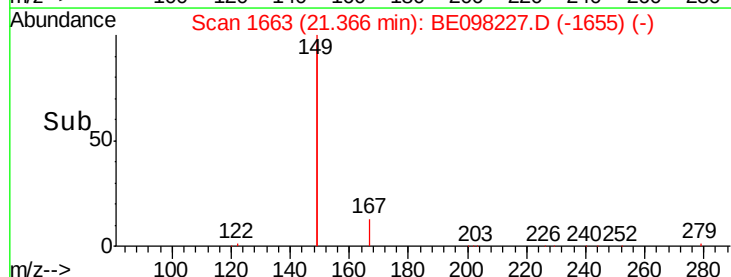
279 1.1 0.9 1.3

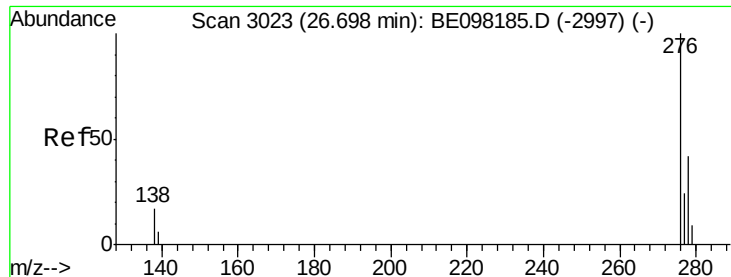


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.423 ng

RT: 26.71 min Scan# 3025

Delta R.T. 0.01 min

Lab File: BE098227.D

Acq: 14 Nov 2018 17:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

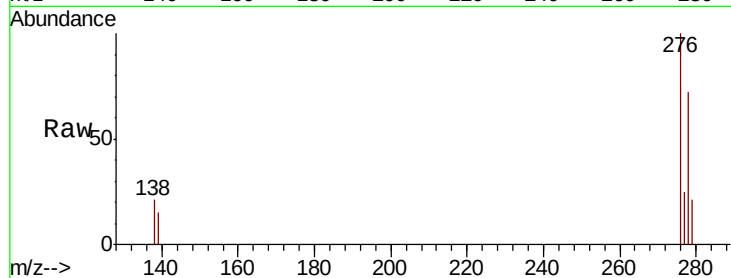
Tgt Ion:276 Resp: 11930

Ion Ratio Lower Upper

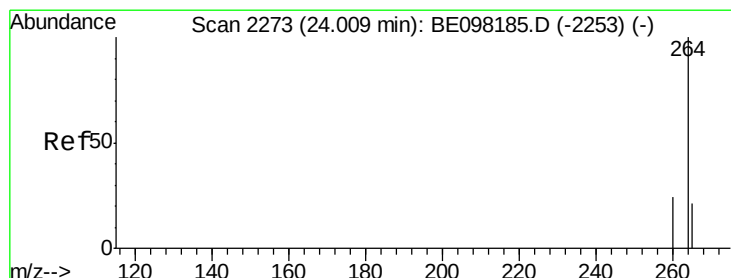
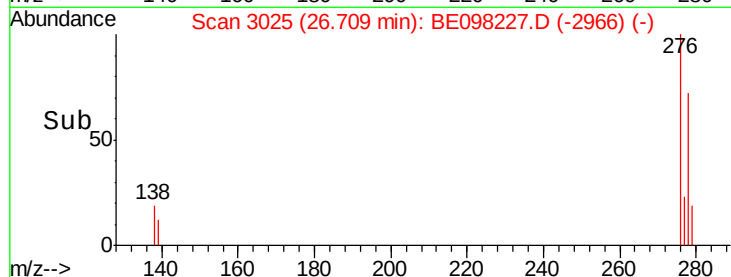
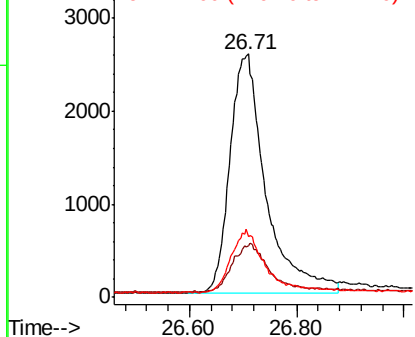
276 100

138 19.2 6.4 9.6#

277 24.4 18.9 28.3



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# 2272

Delta R.T. -0.00 min

Lab File: BE098227.D

Acq: 14 Nov 2018 17:50

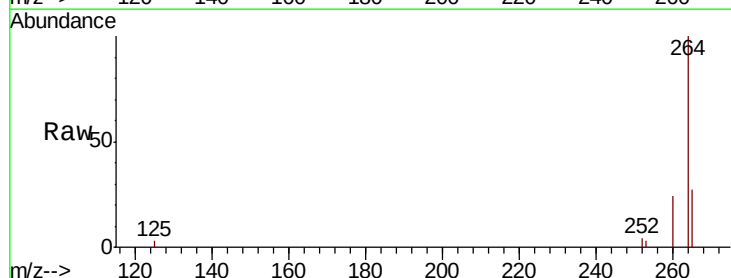
Tgt Ion:264 Resp: 10032

Ion Ratio Lower Upper

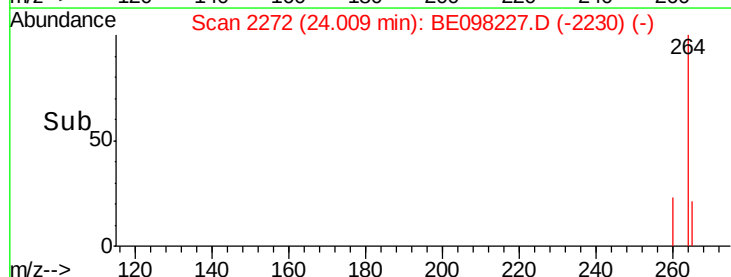
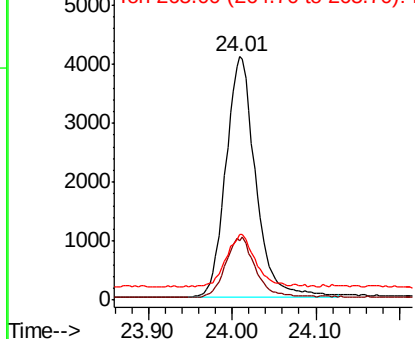
264 100

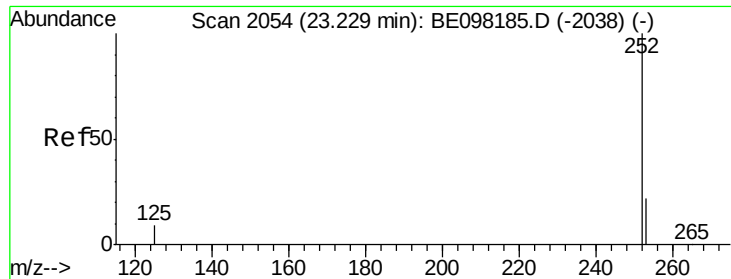
260 24.3 19.9 29.9

265 26.8 21.3 31.9



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: 0.416 ng

RT: 23.23 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BE098227.D

Acq: 14 Nov 2018 17:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

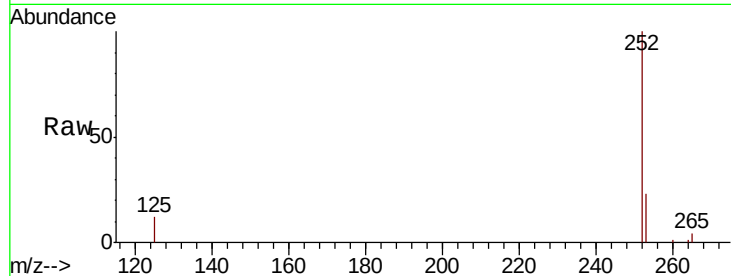
Tgt Ion:252 Resp: 11831

Ion Ratio Lower Upper

252 100

253 23.3 19.4 29.0

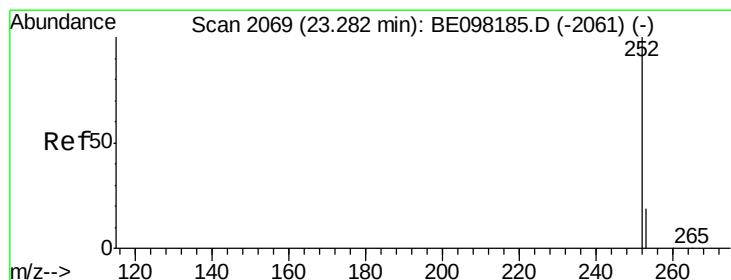
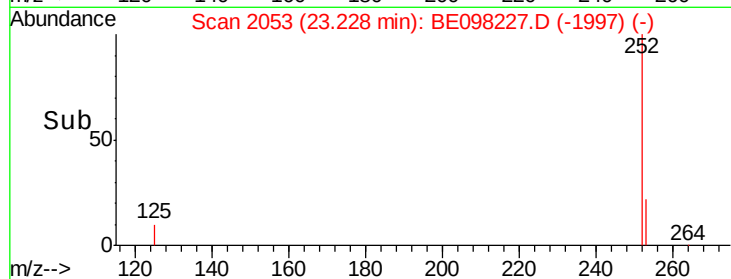
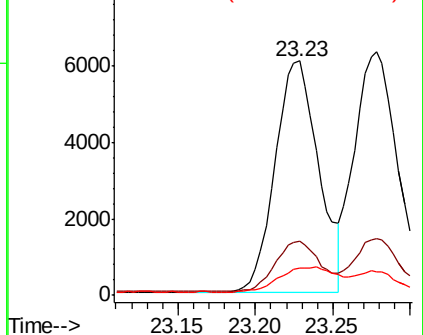
125 11.8 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.426 ng

RT: 23.28 min Scan# 2067

Delta R.T. -0.00 min

Lab File: BE098227.D

Acq: 14 Nov 2018 17:50

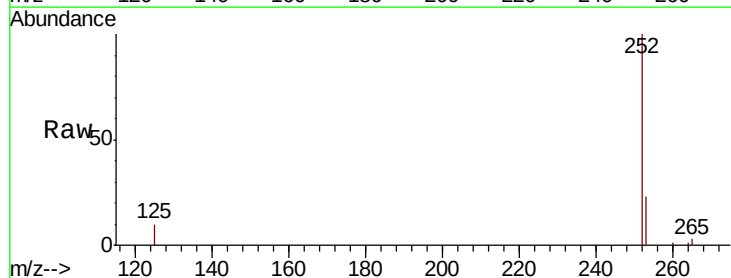
Tgt Ion:252 Resp: 12797

Ion Ratio Lower Upper

252 100

253 23.3 18.6 28.0

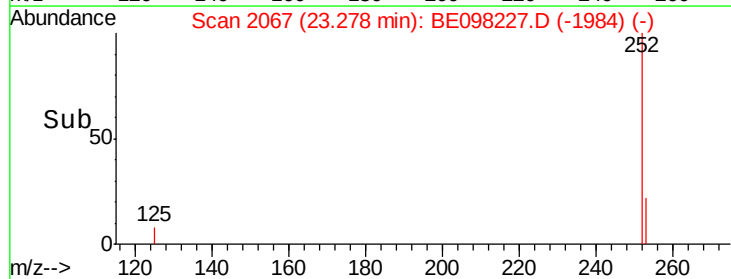
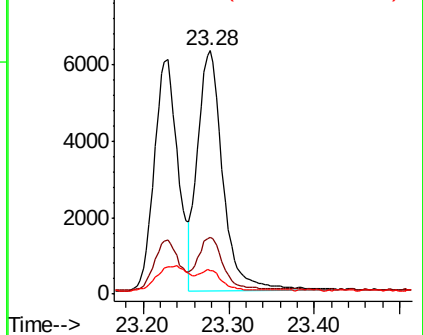
125 9.6 7.4 11.0

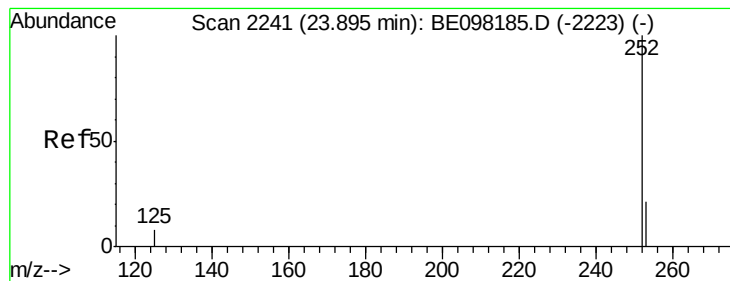


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

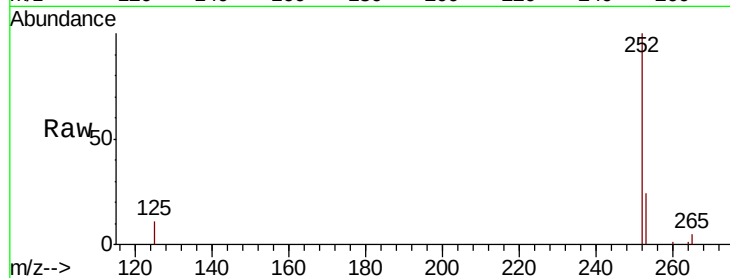




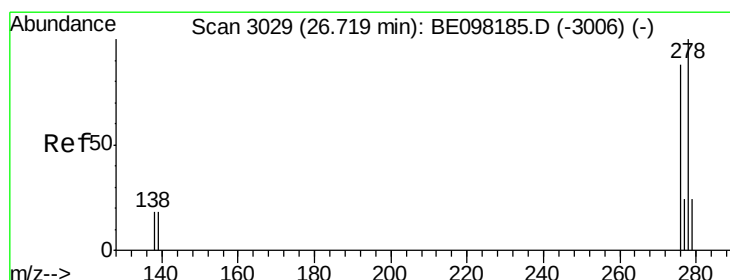
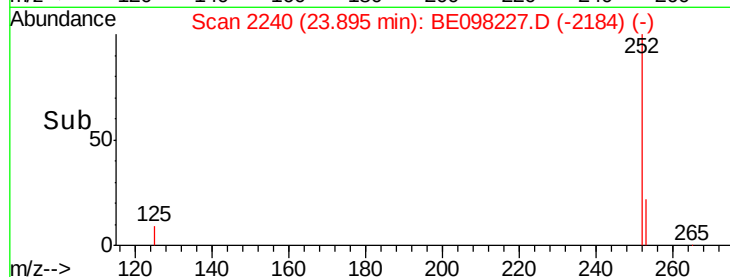
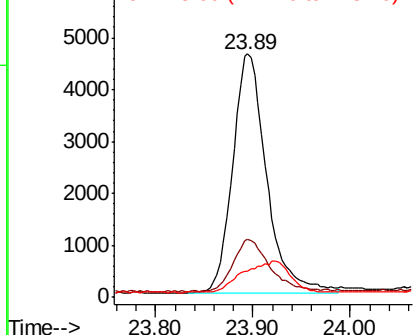
#37
Benzo(a)pyrene
Concen: 0.411 ng
RT: 23.89 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE098227.D
Acq: 14 Nov 2018 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 252 Resp: 11229
Ion Ratio Lower Upper
252 100
253 24.0 18.6 27.8
125 10.7 8.0 12.0

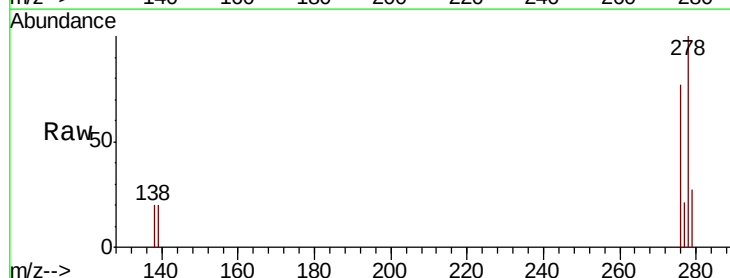


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

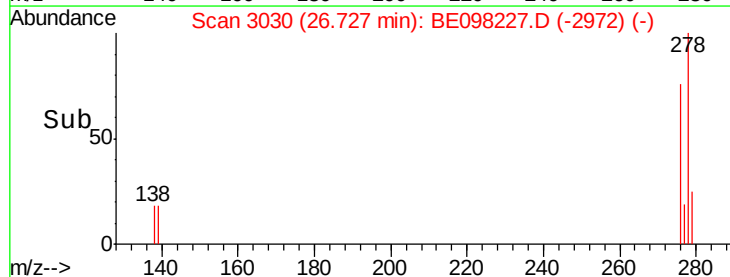
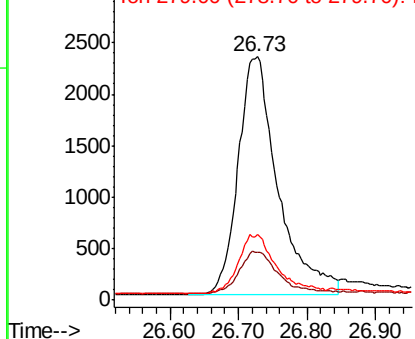


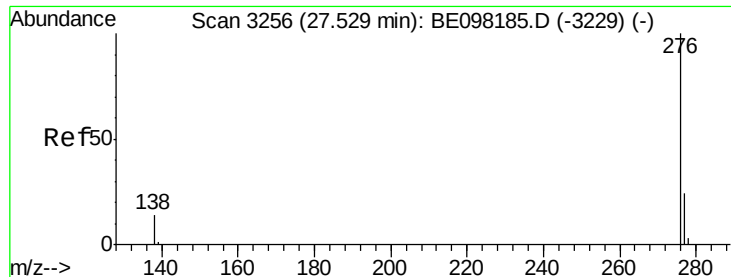
#38
Dibenzo(a,h)anthracene
Concen: 0.404 ng
RT: 26.73 min Scan# 3030
Delta R.T. 0.01 min
Lab File: BE098227.D
Acq: 14 Nov 2018 17:50

Tgt Ion: 278 Resp: 9382
Ion Ratio Lower Upper
278 100
139 19.8 16.4 24.6
279 27.0 21.3 31.9



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





#39

Benzo(g,h,i)perylene

Concen: 0.409 ng

RT: 27.53 min Scan# 3254

Delta R.T. -0.00 min

Lab File: BE098227.D

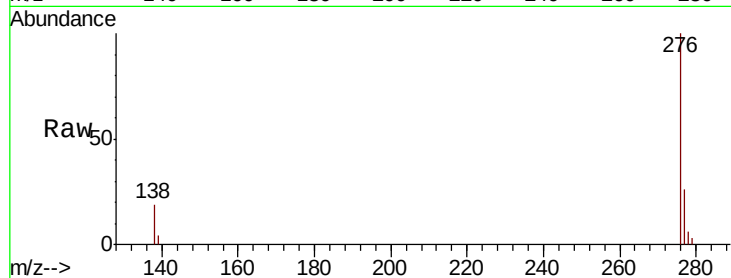
Acq: 14 Nov 2018 17:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



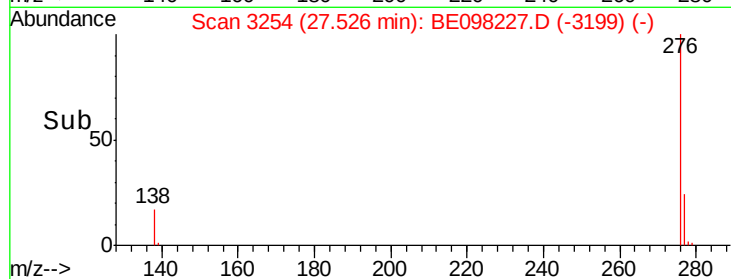
Tgt Ion: 276 Resp: 9935

Ion Ratio Lower Upper

276 100

277 26.2 20.4 30.6

138 19.3 13.2 19.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

