

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE040519\
 Data File : BE099303.D
 Acq On : 5 Apr 2019 11:32
 Operator : JU/SJ
 Sample : PB118607BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB118607BS

Quant Time: Apr 05 15:01:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE040219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 05 14:55:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3902	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	13060	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	7641	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	19504	0.40	ng	0.00
27) Chrysene-d12	21.37	240	24899	0.40	ng	0.00
34) Perylene-d12	23.86	264	27467	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.40	112	3408	0.33	ng	0.01
5) Phenol-d6	6.98	99	4308	0.30	ng	0.00
8) Nitrobenzene-d5	8.96	82	3235	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	10358	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	863	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	11012	0.37	ng	0.00
25) Fluoranthene-d10	19.22	212	77499	0.30	ng	0.00
29) Terphenyl-d14	19.82	244	13648	0.30	ng	0.00

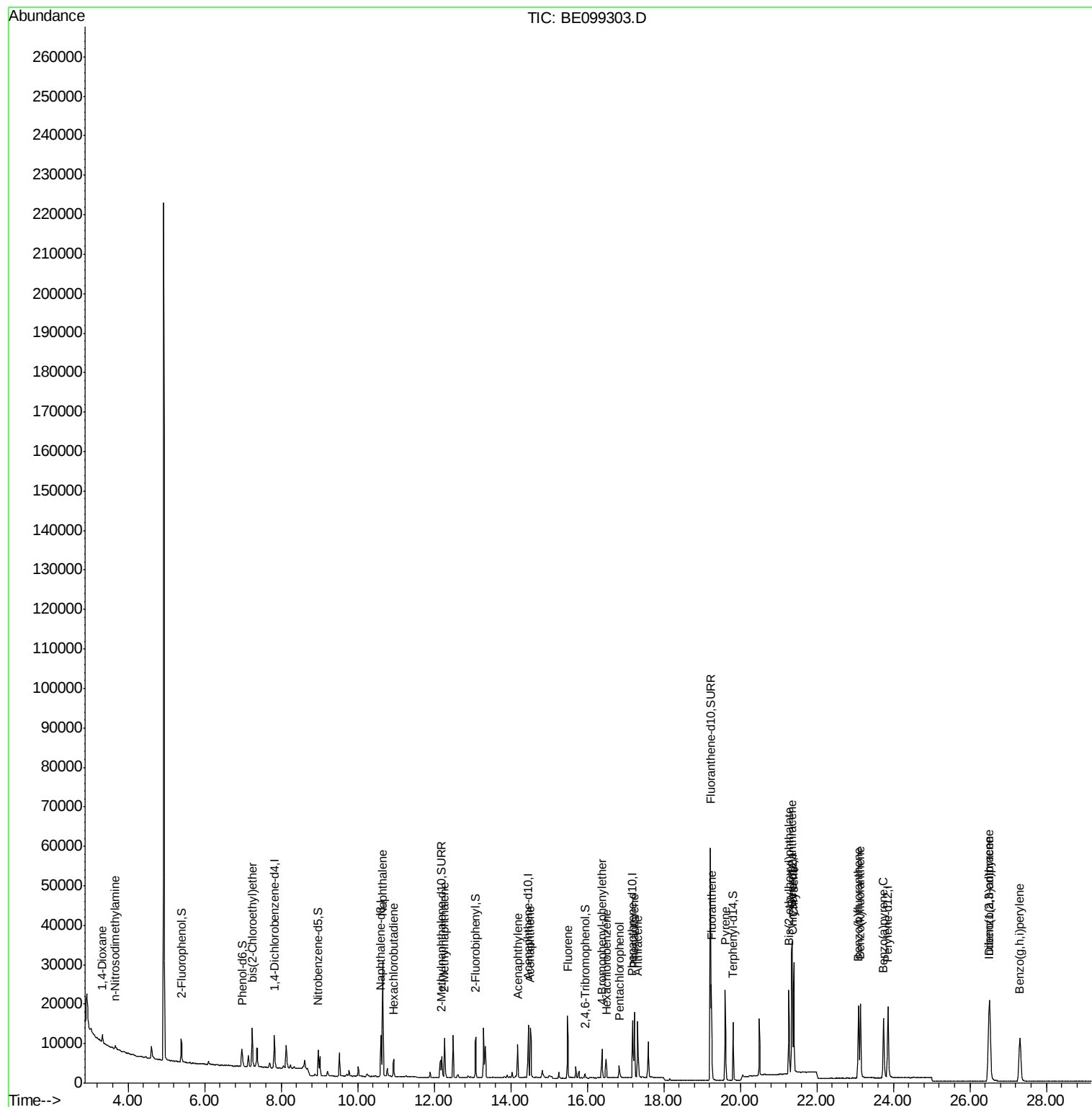
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	1421	0.267	ng	# 63
3) n-Nitrosodimethylamine	3.65	42	906	0.289	ng	# 96
6) bis(2-Chloroethyl)ether	7.24	93	3815	0.298	ng	97
9) Naphthalene	10.65	128	46923	0.330	ng	99
10) Hexachlorobutadiene	10.94	225	3115	0.338	ng	99
12) 2-Methylnaphthalene	12.27	142	7716	0.319	ng	92
16) Acenaphthylene	14.18	152	10758	0.297	ng	99
17) Acenaphthene	14.52	154	6946	0.325	ng	99
18) Fluorene	15.49	166	9388	0.304	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	3708	0.335	ng	94
21) Hexachlorobenzene	16.49	284	3735	0.354	ng	98
22) Pentachlorophenol	16.84	266	1857	0.424	ng	96
23) Phenanthrene	17.23	178	16775	0.332	ng	99
24) Anthracene	17.32	178	14814	0.311	ng	100
26) Fluoranthene	19.25	202	21596	0.290	ng	100
28) Pyrene	19.61	202	22060	0.335	ng	99
30) Benzo(a)anthracene	21.34	228	25788	0.329	ng	100
31) Chrysene	21.40	228	25750	0.335	ng	100
32) Bis(2-ethylhexyl)phthalate	21.27	149	20696	0.207	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.50	276	33707	0.384	ng	99
35) Benzo(b)fluoranthene	23.09	252	26955	0.329	ng	# 95
36) Benzo(k)fluoranthene	23.14	252	27332	0.343	ng	99
37) Benzo(a)pyrene	23.74	252	25837	0.335	ng	# 96
38) Dibenzo(a,h)anthracene	26.52	278	28500	0.372	ng	# 96
39) Benzo(g,h,i)perylene	27.31	276	29254	0.383	ng	100

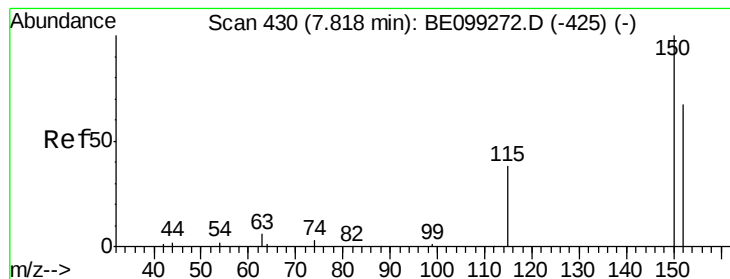
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 05 14:55:44 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BE099303.D

Acq: 5 Apr 2019 11:32

Instrument :

BNA_E

ClientSampleId :

PB118607BS

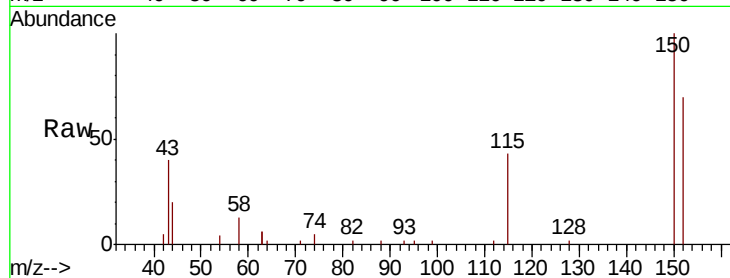
Tot Ion:152 Resp: 3902

Ion Ratio Lower Upper

152 100

150 143.6 120.2 180.2

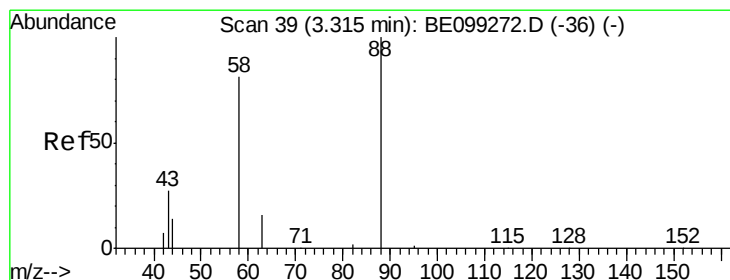
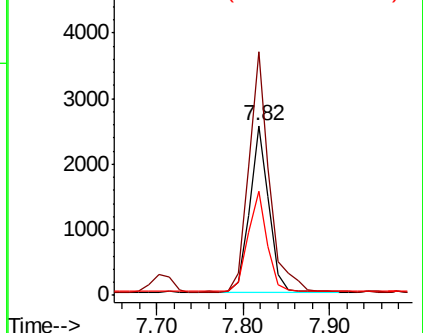
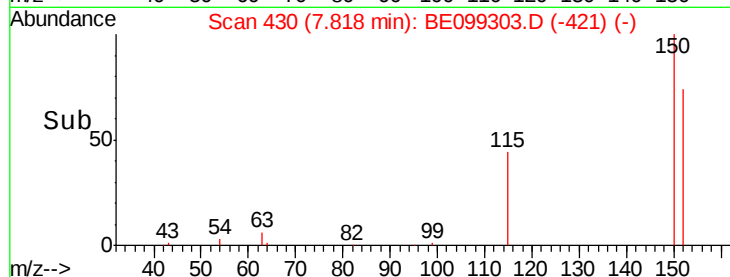
115 61.1 50.2 75.2



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: 0.267 ng

RT: 3.33 min Scan# 40

Delta R.T. 0.00 min

Lab File: BE099303.D

Acq: 5 Apr 2019 11:32

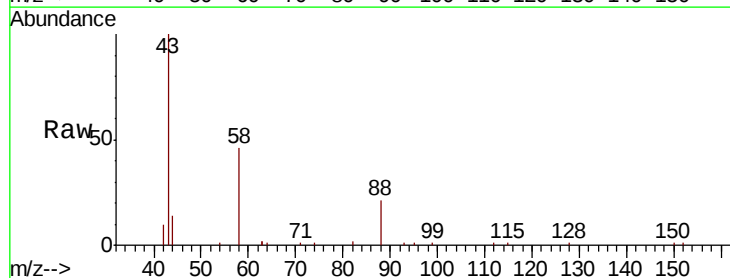
Tgt Ion: 88 Resp: 1421

Ion Ratio Lower Upper

88 100

58 77.8 43.8 65.8#

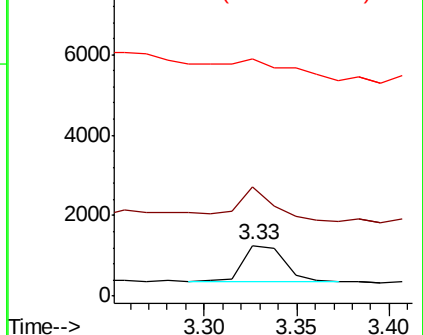
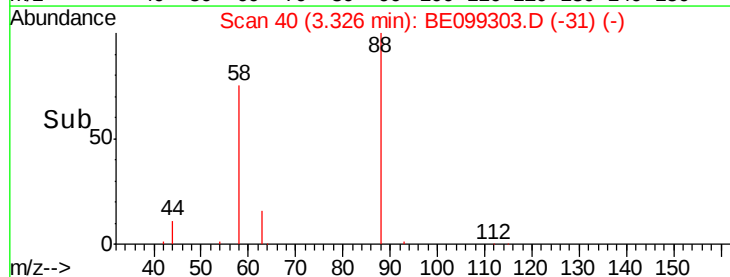
43 0.0 18.6 28.0#

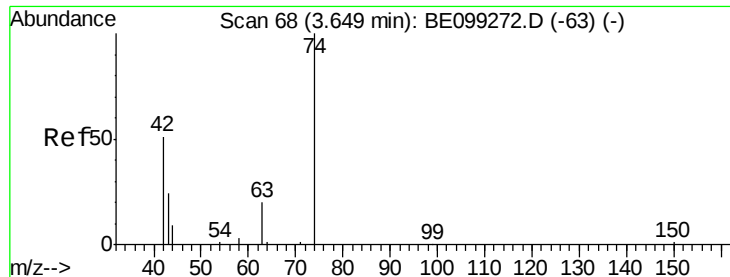


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.289 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.00 min

Lab File: BE099303.D

Acq: 5 Apr 2019 11:32

Instrument :

BNA_E

ClientSampleId :

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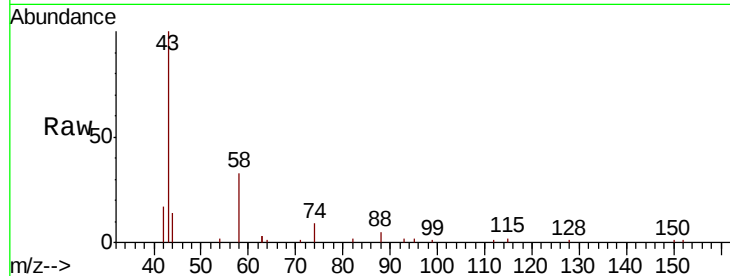
Tot Ion: 42 Resp: 906

Ion Ratio Lower Upper

42 100

74 172.6 142.6 214.0

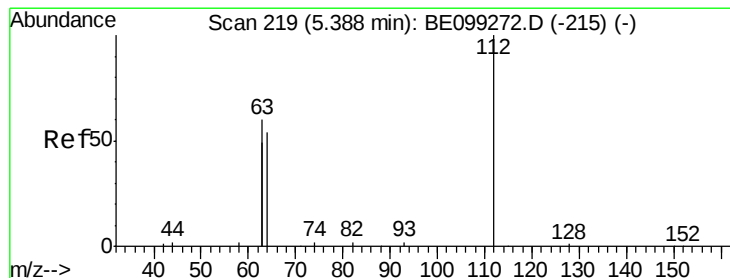
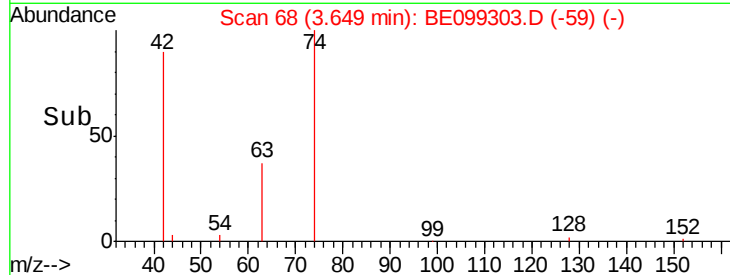
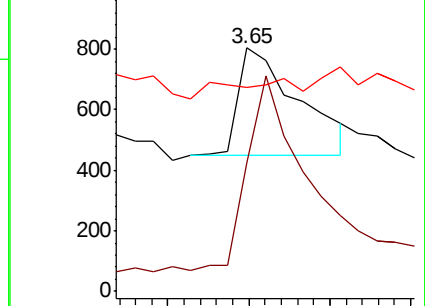
44 0.0 4.1 6.1#



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: 0.329 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE099303.D

Acq: 5 Apr 2019 11:32

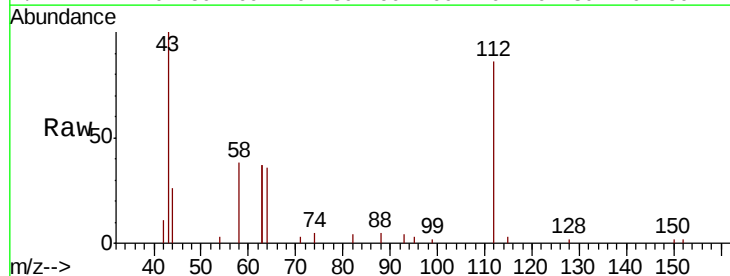
Tgt Ion: 112 Resp: 3408

Ion Ratio Lower Upper

112 100

64 56.6 44.8 67.2

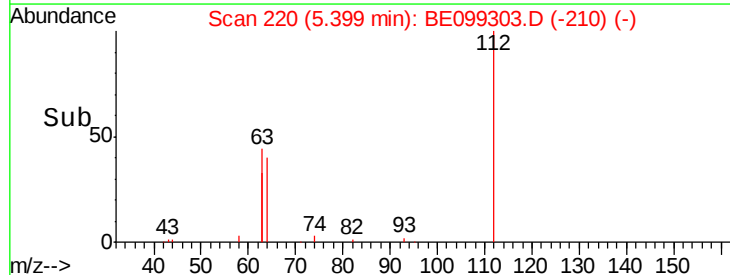
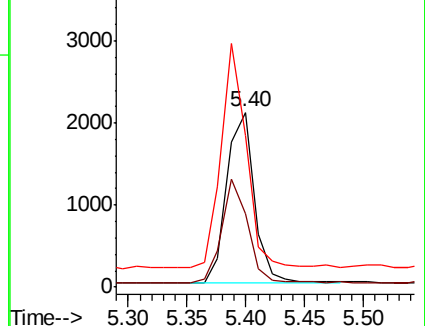
63 119.4 94.8 142.2

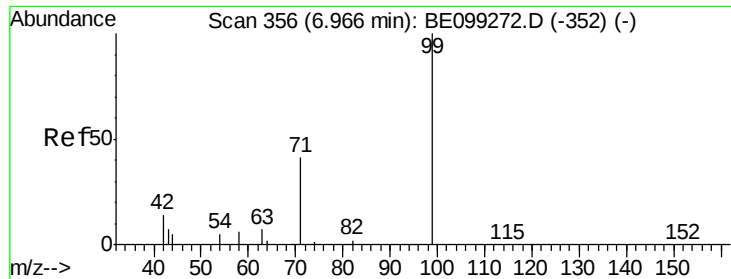


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.302 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099303.D

Acq: 5 Apr 2019 11:32

Instrument :

BNA_E

ClientSampleId :

PB118607BS

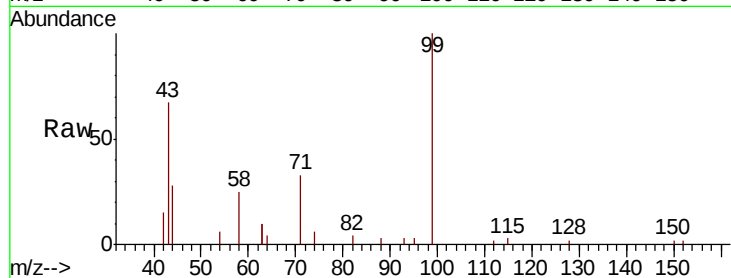
Tot Ion: 99 Resp: 4308

Ion Ratio Lower Upper

99 100

42 16.2 12.4 18.6

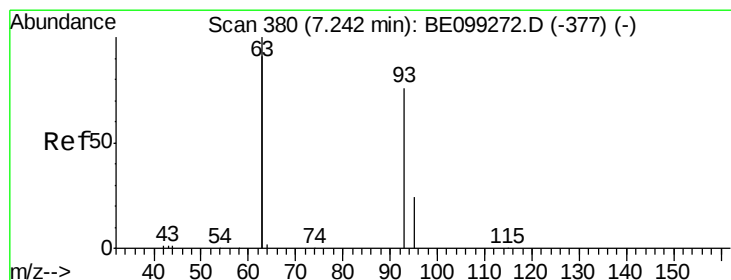
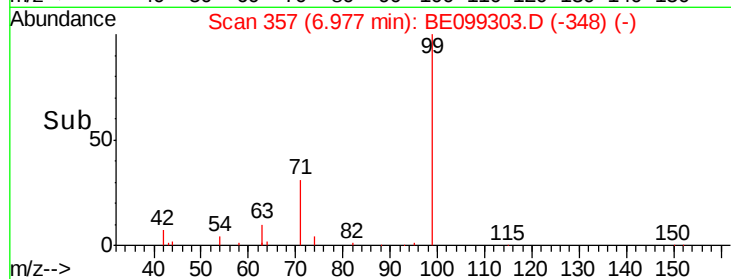
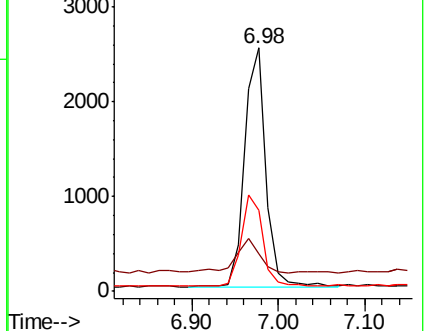
71 38.6 30.0 45.0



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: 0.298 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE099303.D

Acq: 5 Apr 2019 11:32

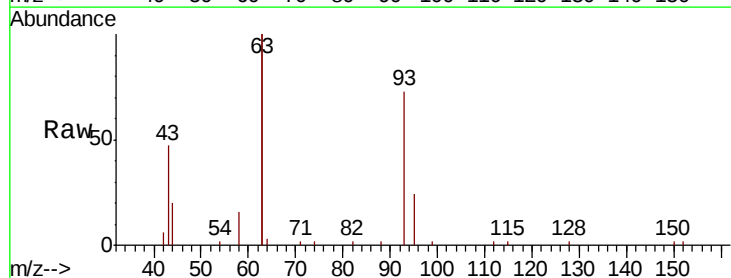
Tgt Ion: 93 Resp: 3815

Ion Ratio Lower Upper

93 100

63 283.8 222.6 334.0

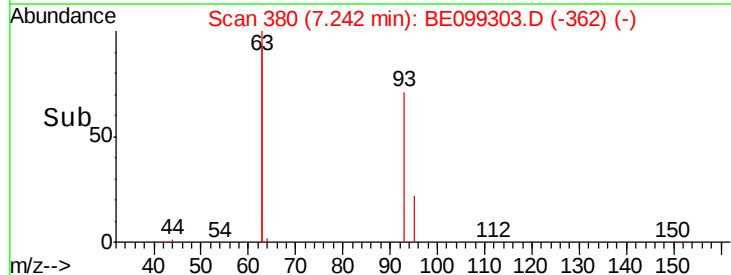
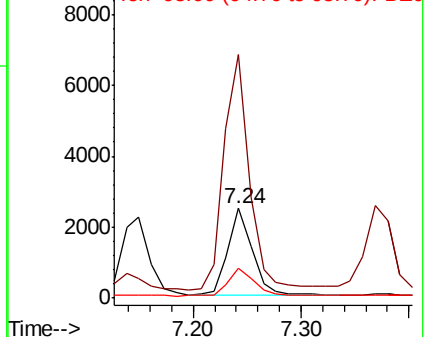
95 34.1 26.0 39.0

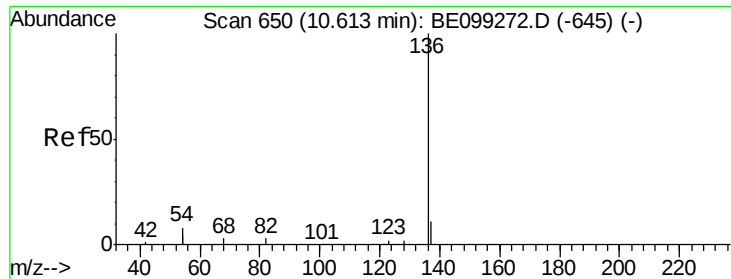


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099303.D

Acq: 5 Apr 2019 11:32

Instrument :

BNA_E

ClientSampleId :

PB118607BS

Tot Ion:136 Resp: 13060

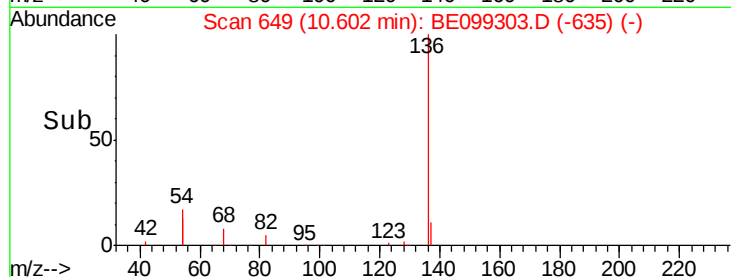
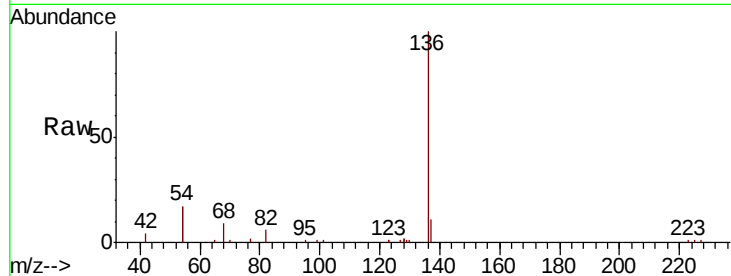
Ion Ratio Lower Upper

136 100

137 11.3 8.3 12.5

54 33.3 10.8 16.2#

68 8.8 3.2 4.8#

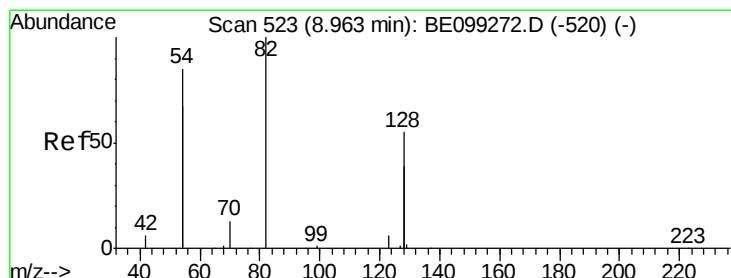
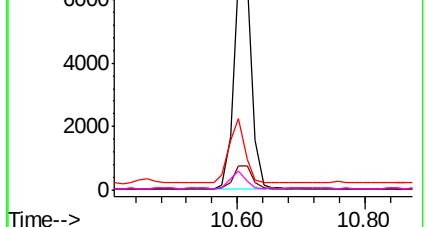


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.361 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099303.D

Acq: 5 Apr 2019 11:32

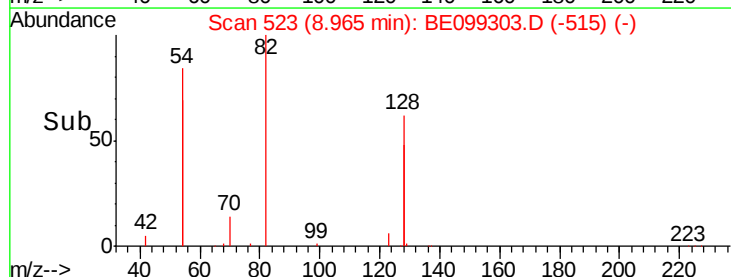
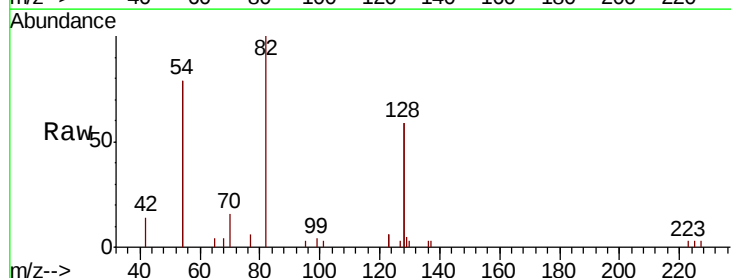
Tgt Ion: 82 Resp: 3235

Ion Ratio Lower Upper

82 100

128 117.1 90.1 135.1

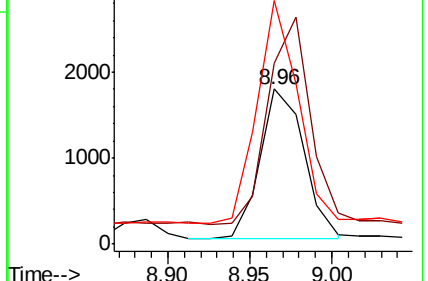
54 157.2 123.6 185.4

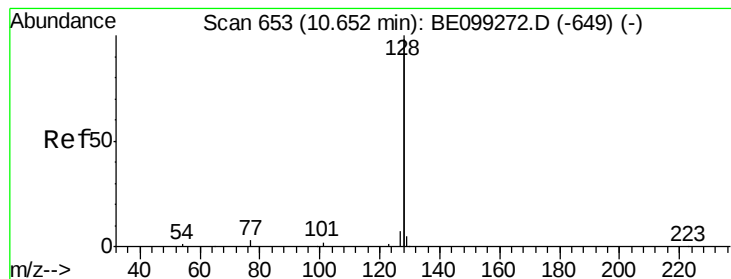


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.330 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099303.D

Acq: 5 Apr 2019 11:32

Instrument :

BNA_E

ClientSampleId :

PB118607BS

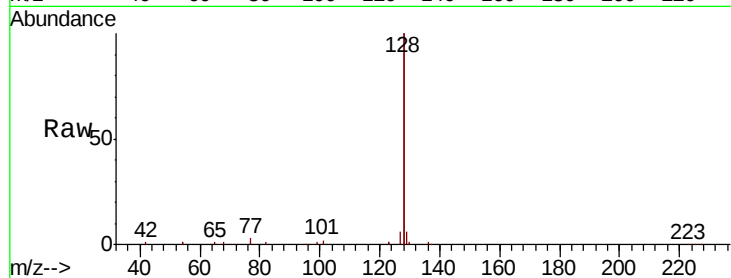
Tot Ion:128 Resp: 46923

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

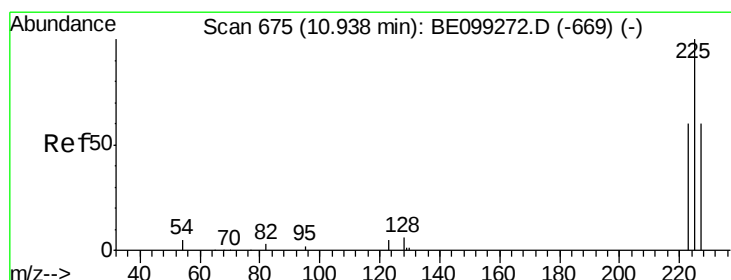
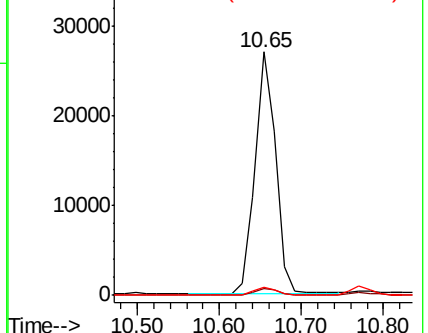
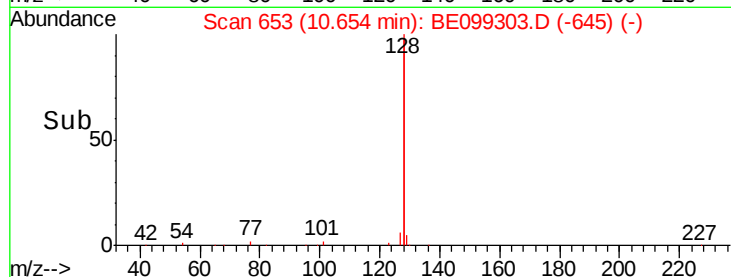
127 3.2 2.9 4.3



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: 0.338 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE099303.D

Acq: 5 Apr 2019 11:32

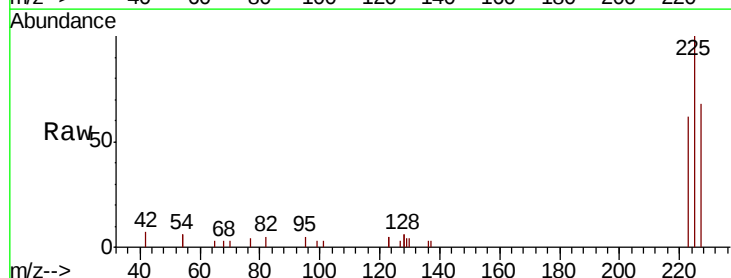
Tgt Ion:225 Resp: 3115

Ion Ratio Lower Upper

225 100

223 63.0 49.7 74.5

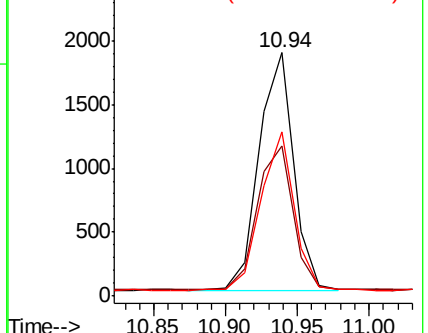
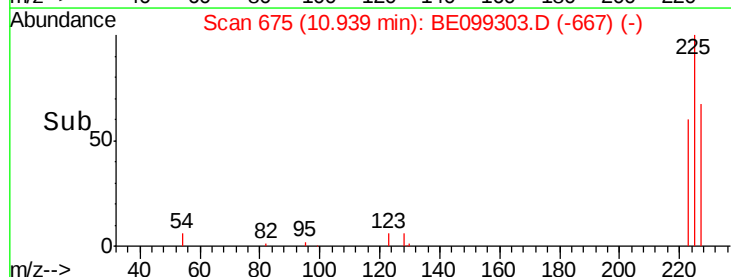
227 64.4 50.9 76.3

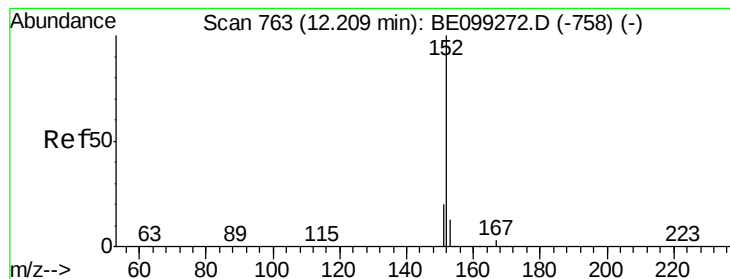


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.454 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE099303.D

Acq: 5 Apr 2019 11:32

Instrument :

BNA_E

ClientSampleId :

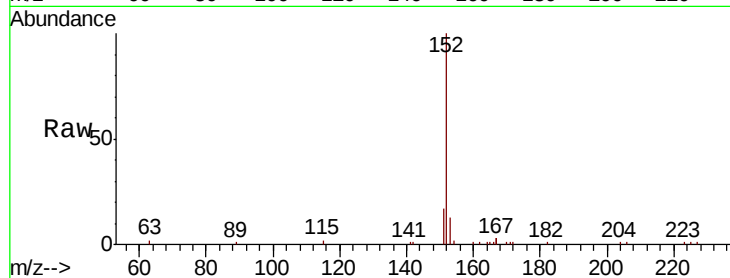
PB118607BS

Tot Ion:152 Resp: 10358

Ion Ratio Lower Upper

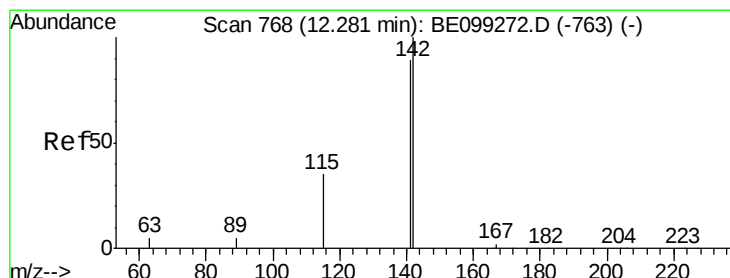
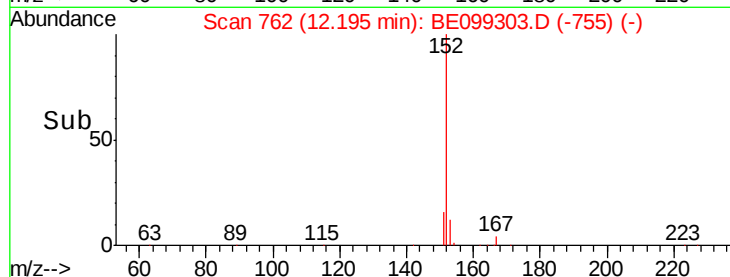
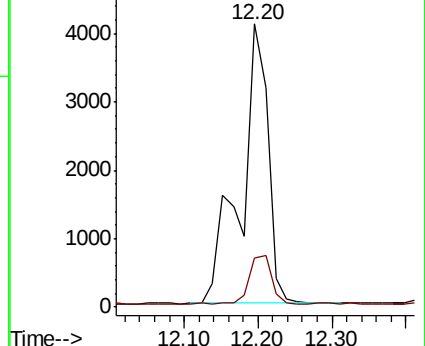
152 100

151 14.2 15.1 22.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.319 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.01 min

Lab File: BE099303.D

Acq: 5 Apr 2019 11:32

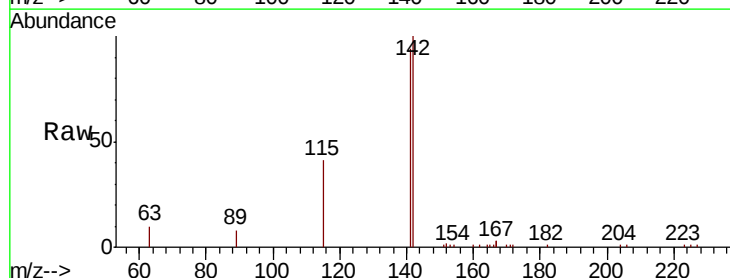
Tgt Ion:142 Resp: 7716

Ion Ratio Lower Upper

142 100

141 94.1 69.3 103.9

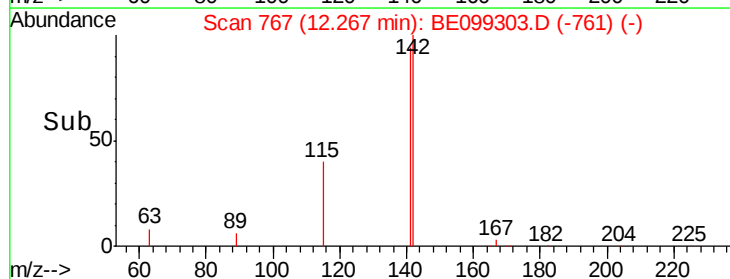
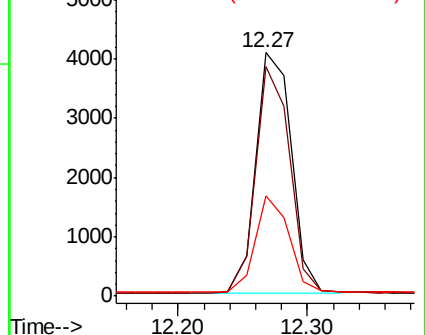
115 41.1 29.1 43.7

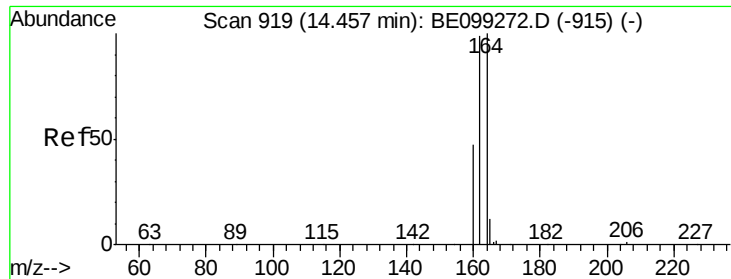


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

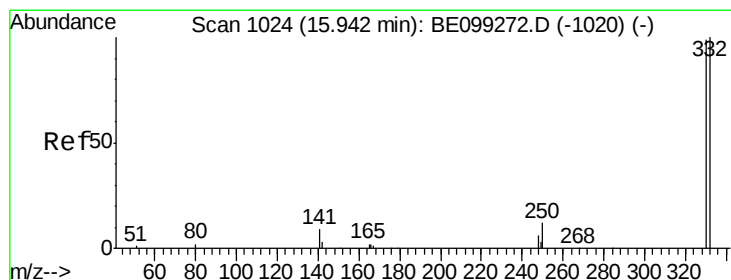
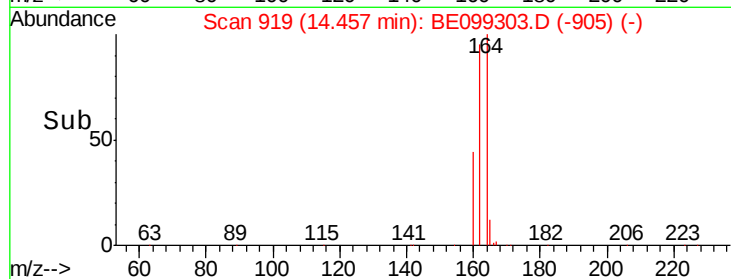
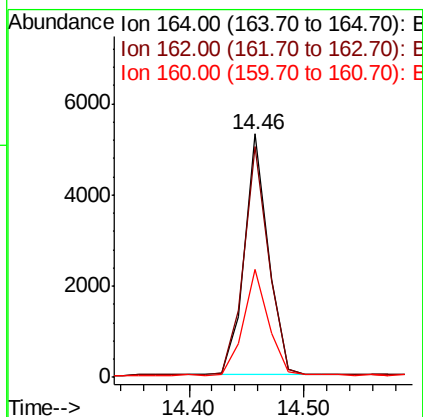
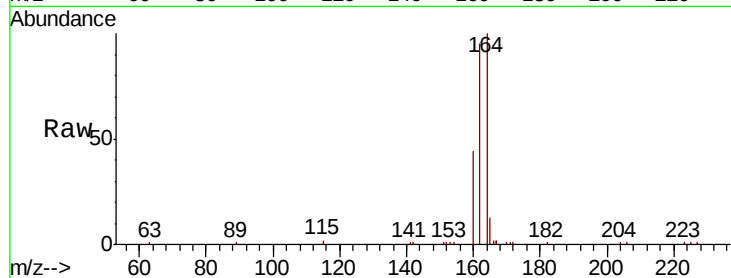




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BE099303.D
 Acq: 5 Apr 2019 11:32

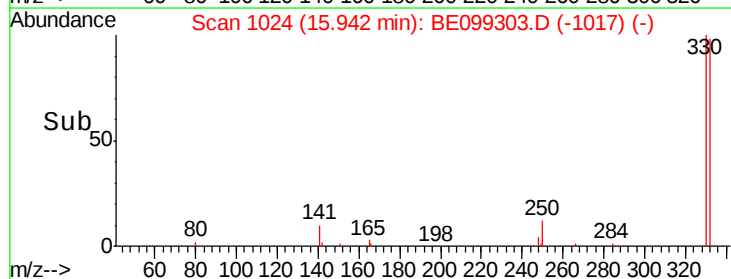
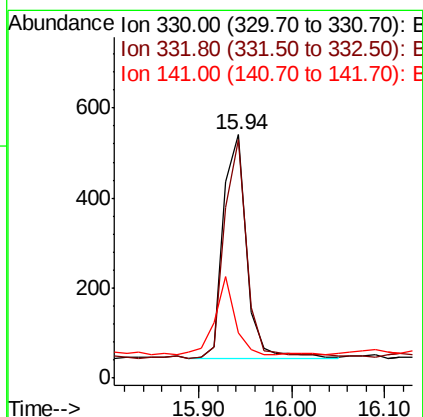
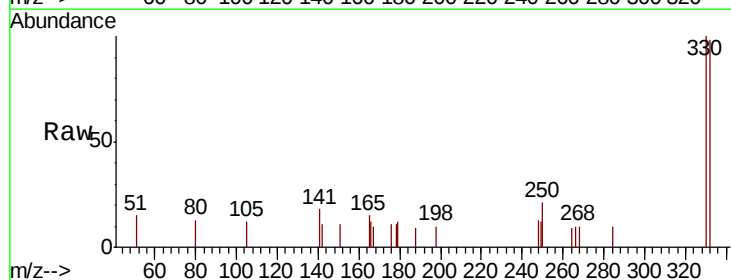
Instrument :
 BNA_E
 ClientSampleId :
 PB118607BS

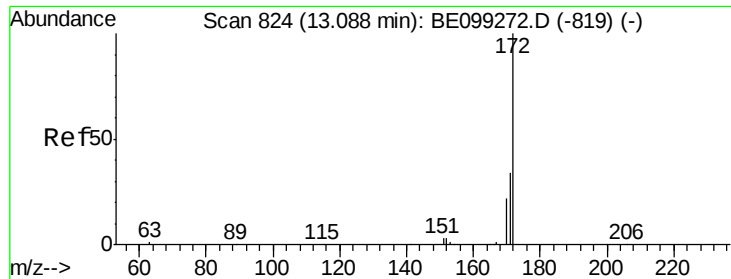
Tot Ion:164 Resp: 7641
 Ion Ratio Lower Upper
 164 100
 162 94.9 78.7 118.1
 160 44.2 37.8 56.8



#14
 2,4,6-Tribromophenol
 Concen: 0.245 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BE099303.D
 Acq: 5 Apr 2019 11:32

Tgt Ion:330 Resp: 863
 Ion Ratio Lower Upper
 330 100
 332 95.7 82.0 123.0
 141 31.4 25.4 38.2

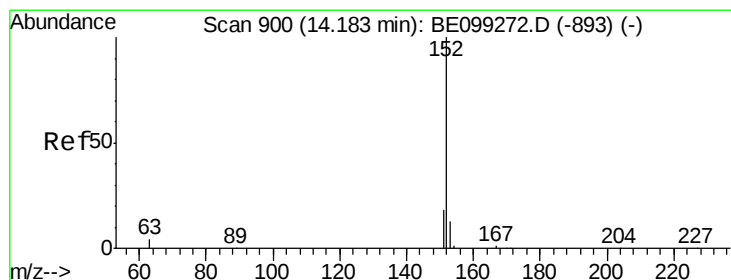
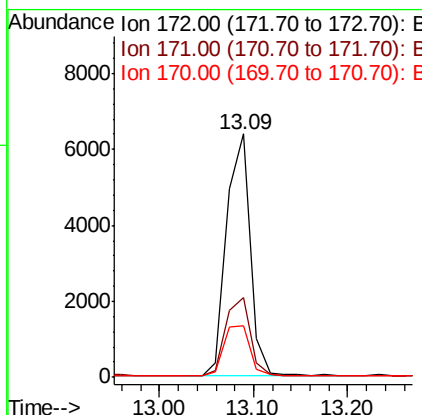
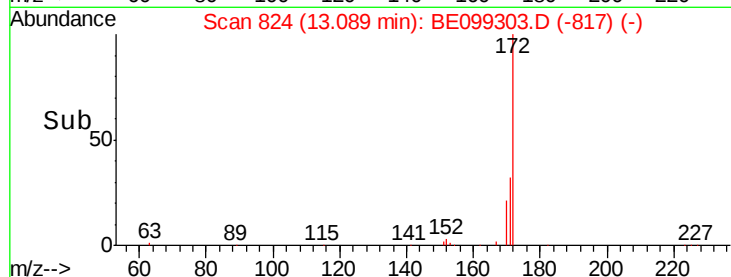
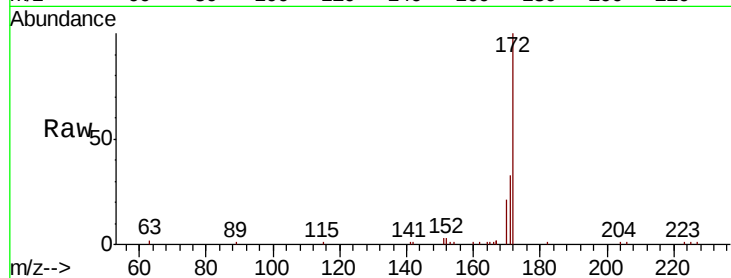




#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099303.D
Acq: 5 Apr 2019 11:32

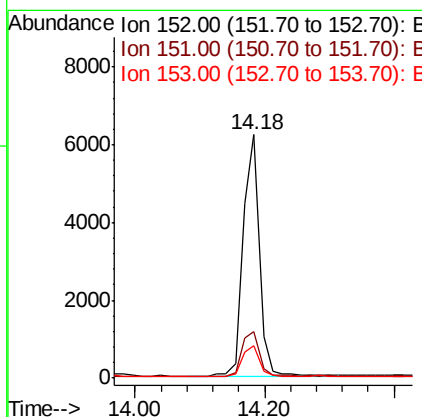
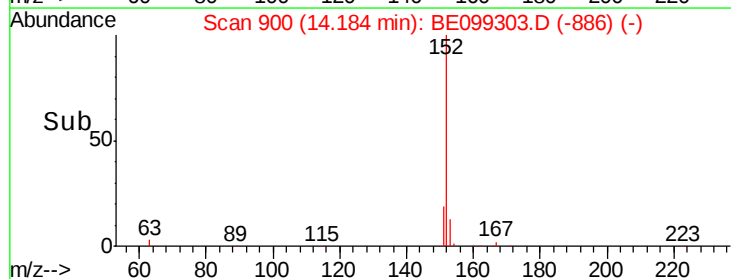
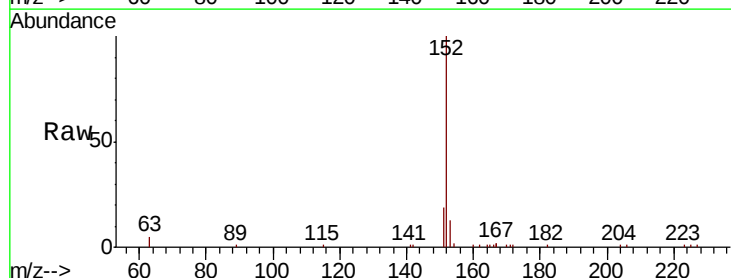
Instrument :
BNA_E
ClientSampleId :
PB118607BS

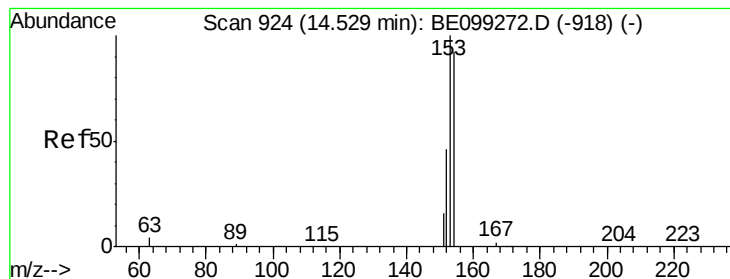
Tot Ion:172 Resp: 11012
Ion Ratio Lower Upper
172 100
171 32.8 27.0 40.4
170 21.2 17.8 26.6



#16
Acenaphthylene
Concen: 0.297 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099303.D
Acq: 5 Apr 2019 11:32

Tgt Ion:152 Resp: 10758
Ion Ratio Lower Upper
152 100
151 19.4 15.3 22.9
153 13.3 10.8 16.2





#17

Acenaphthene

Concen: 0.325 ng

RT: 14.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE099303.D

Acq: 5 Apr 2019 11:32

Instrument :

BNA_E

ClientSampleId :

PB118607BS

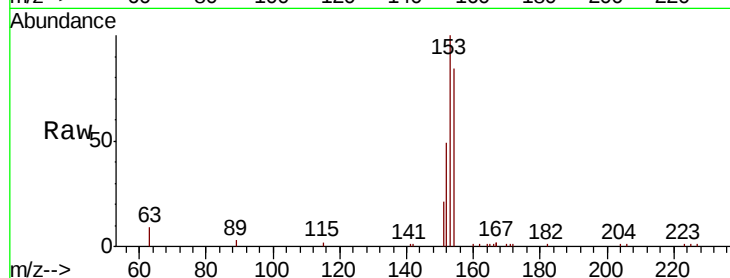
Tot Ion:154 Resp: 6946

Ion Ratio Lower Upper

154 100

153 116.9 93.3 139.9

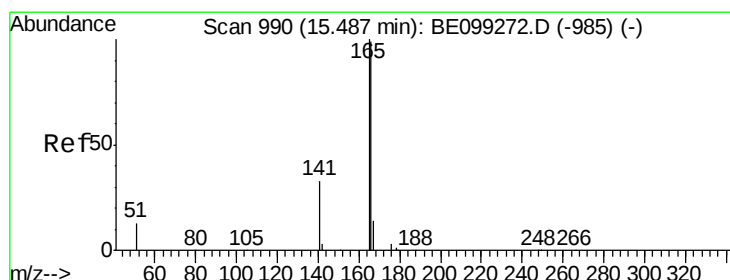
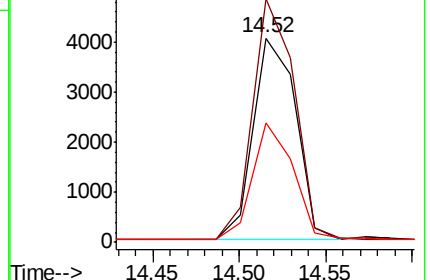
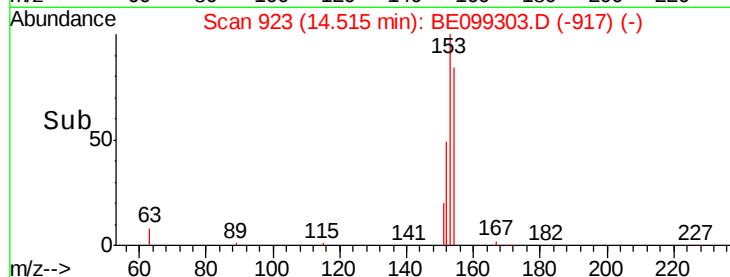
152 55.5 45.6 68.4



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: 0.304 ng

RT: 15.49 min Scan# 990

Delta R.T. 0.00 min

Lab File: BE099303.D

Acq: 5 Apr 2019 11:32

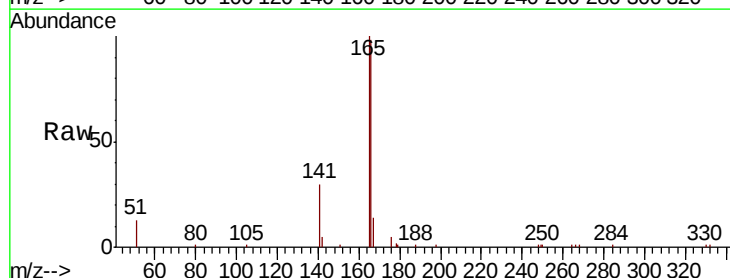
Tgt Ion:166 Resp: 9388

Ion Ratio Lower Upper

166 100

165 100.0 80.6 120.8

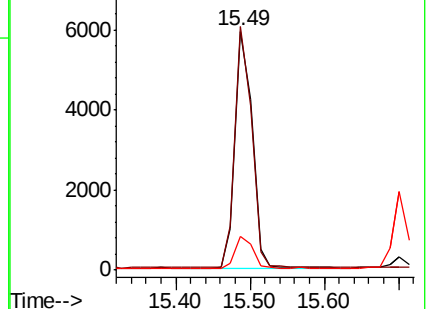
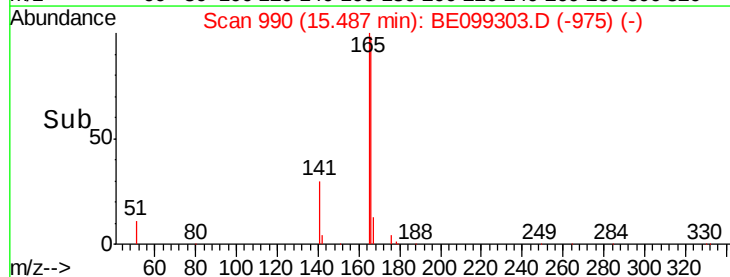
167 14.4 10.7 16.1

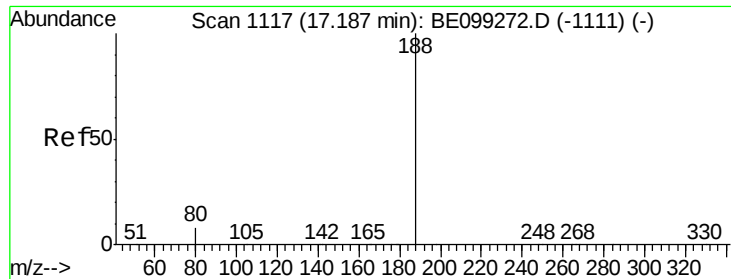


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.19 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BE099303.D

Acq: 5 Apr 2019 11:32

Instrument :

BNA_E

ClientSampleId :

PB118607BS

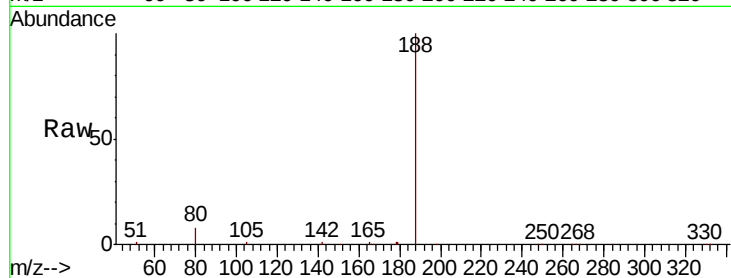
Tot Ion:188 Resp: 19504

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

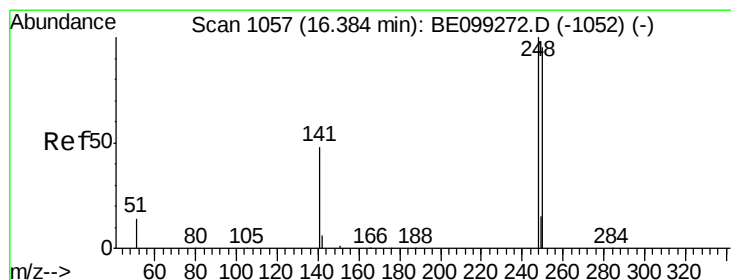
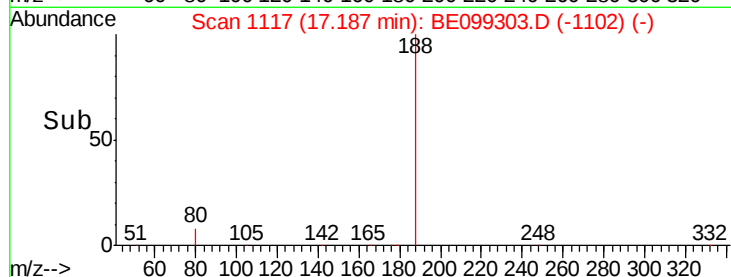
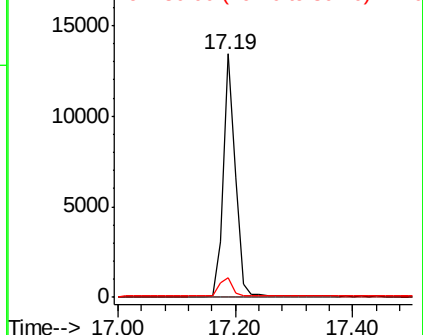
80 8.0 7.5 11.3



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: 0.335 ng

RT: 16.38 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE099303.D

Acq: 5 Apr 2019 11:32

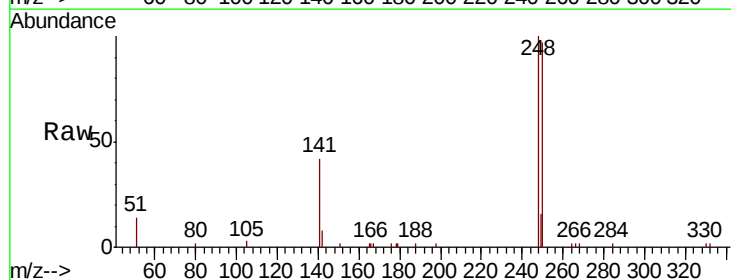
Tgt Ion:248 Resp: 3708

Ion Ratio Lower Upper

248 100

250 96.6 74.3 111.5

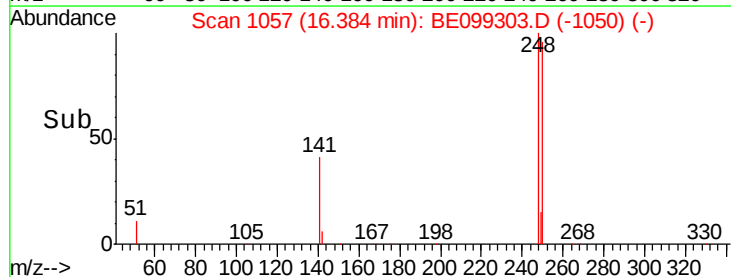
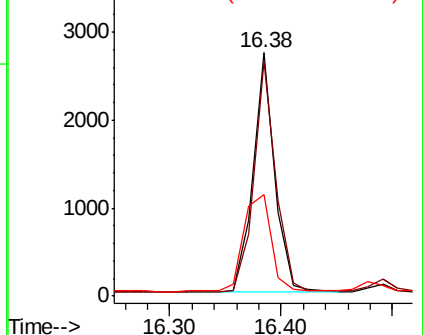
141 41.8 39.1 58.7

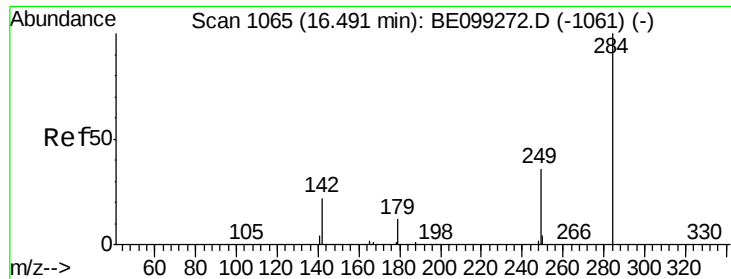


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.354 ng

RT: 16.49 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE099303.D

Acq: 5 Apr 2019 11:32

Instrument :

BNA_E

ClientSampleId :

PB118607BS

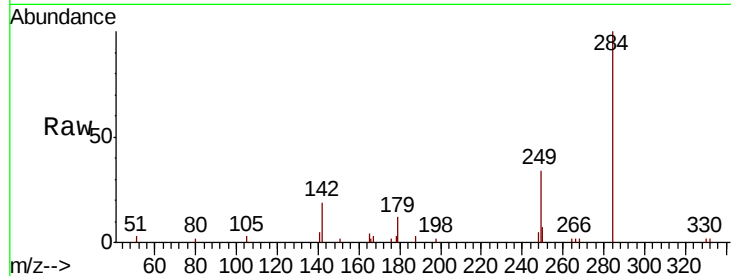
Tot Ion:284 Resp: 3735

Ion Ratio Lower Upper

284 100

142 25.9 21.2 31.8

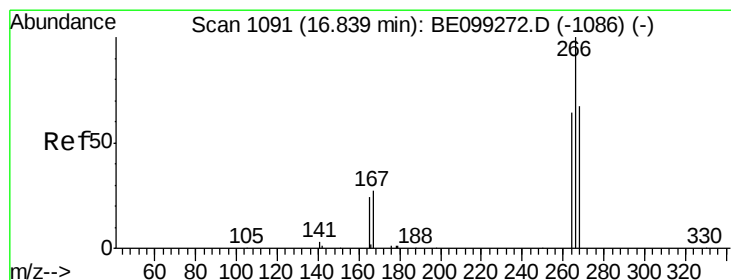
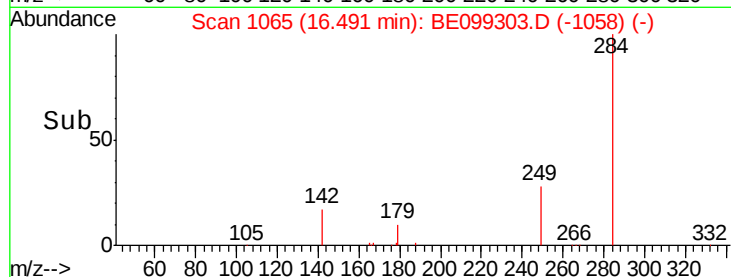
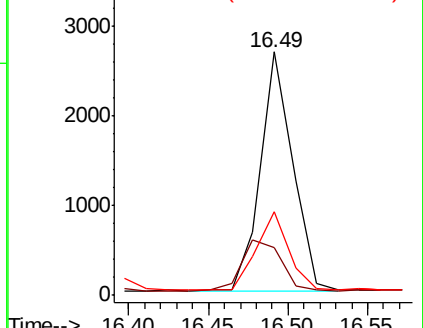
249 32.9 27.4 41.2



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: 0.424 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099303.D

Acq: 5 Apr 2019 11:32

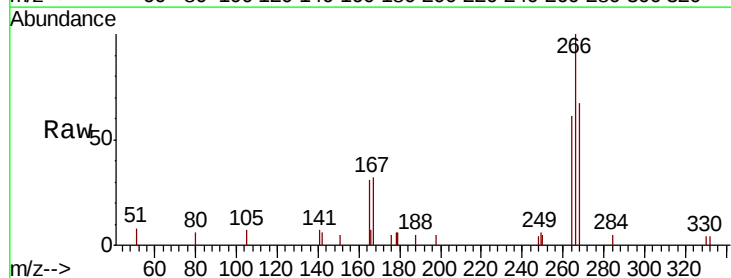
Tgt Ion:266 Resp: 1857

Ion Ratio Lower Upper

266 100

264 61.5 53.6 80.4

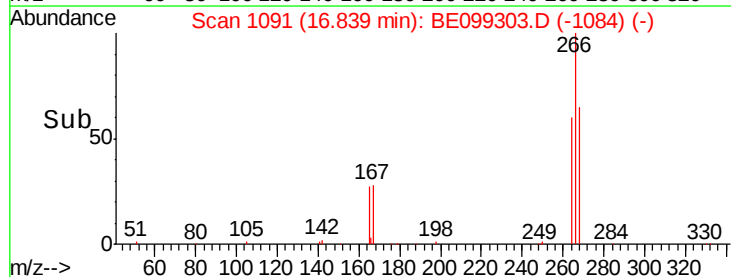
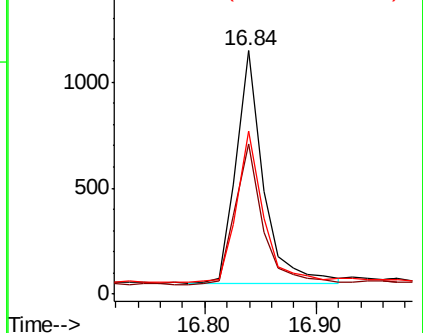
268 67.1 54.2 81.2

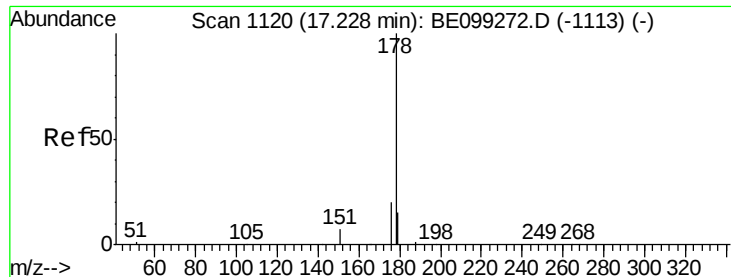


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.332 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099303.D

Acq: 5 Apr 2019 11:32

Instrument :

BNA_E

ClientSampleId :

PB118607BS

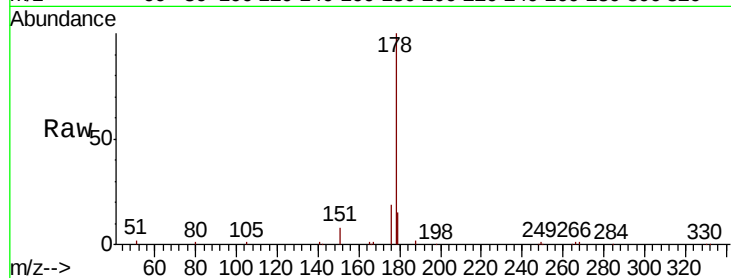
Tot Ion:178 Resp: 16775

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.0 11.8 17.8

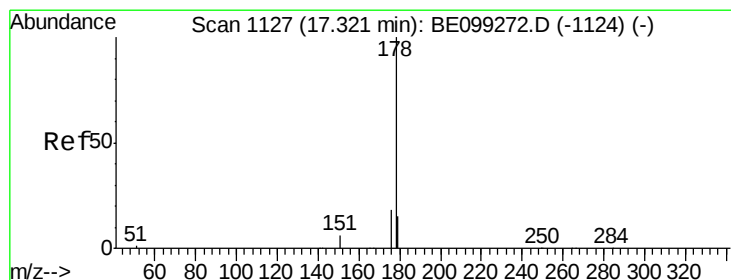
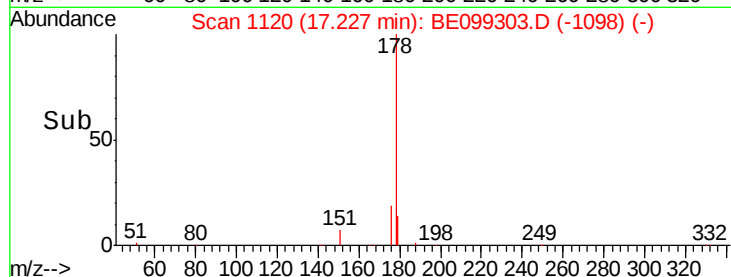
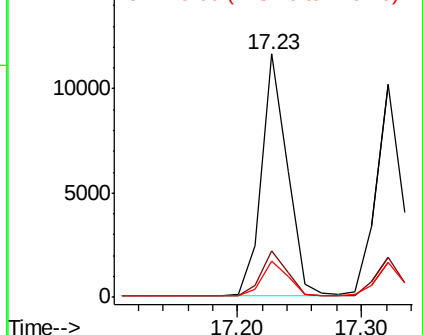


Abundance

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: 0.311 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE099303.D

Acq: 5 Apr 2019 11:32

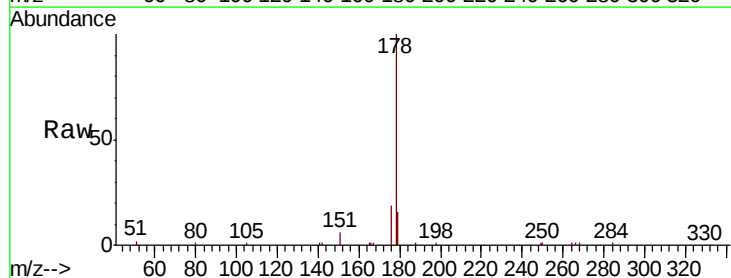
Tgt Ion:178 Resp: 14814

Ion Ratio Lower Upper

178 100

176 18.2 14.6 22.0

179 15.2 12.3 18.5

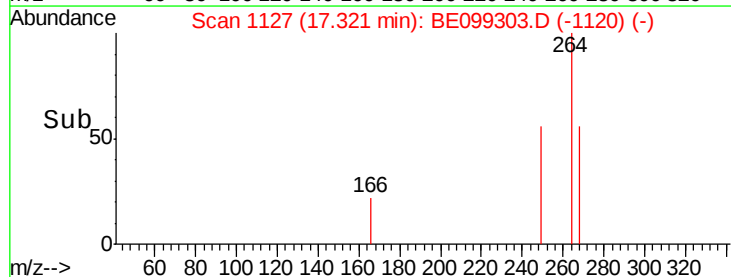
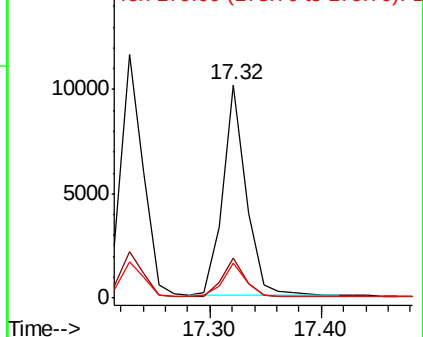


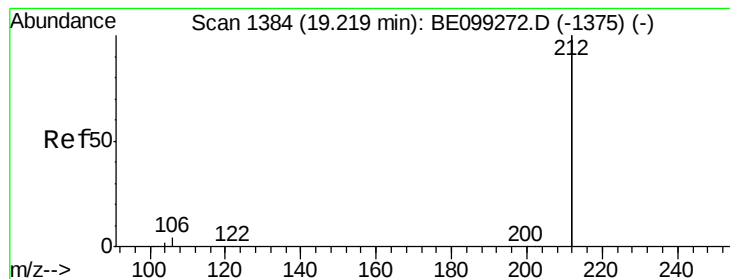
Abundance

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: 0.301 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099303.D

Acq: 5 Apr 2019 11:32

Instrument :

BNA_E

ClientSampleId :

PB118607BS

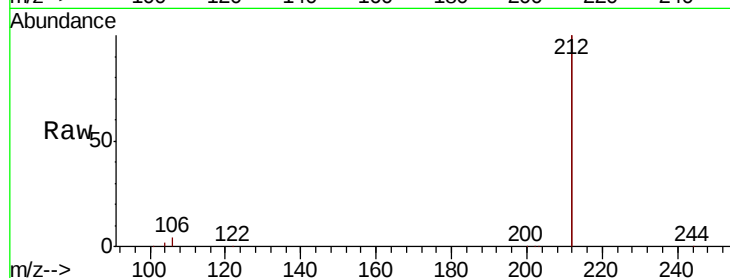
Tot Ion:212 Resp: 77499

Ion Ratio Lower Upper

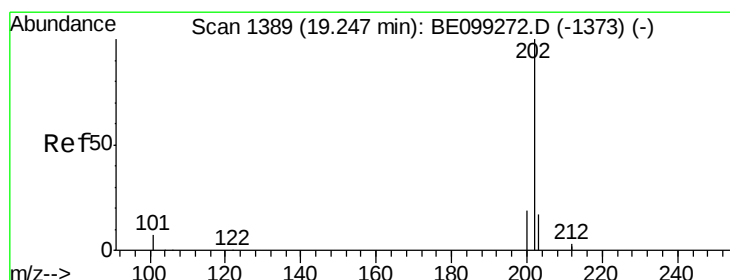
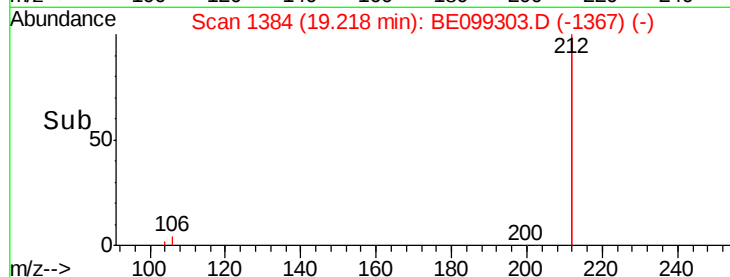
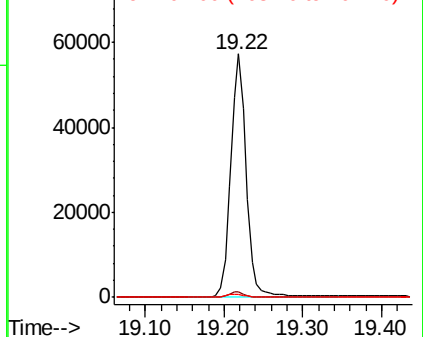
212 100

106 2.1 1.7 2.5

104 1.3 1.0 1.4



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: 0.290 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099303.D

Acq: 5 Apr 2019 11:32

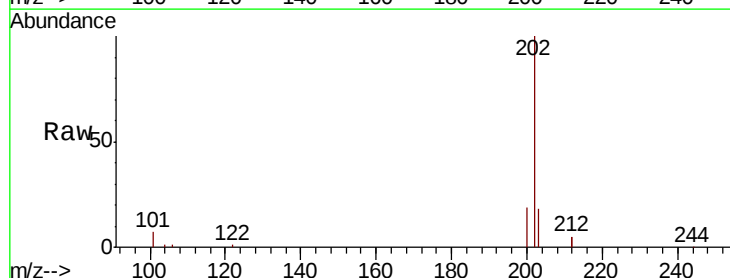
Tgt Ion:202 Resp: 21596

Ion Ratio Lower Upper

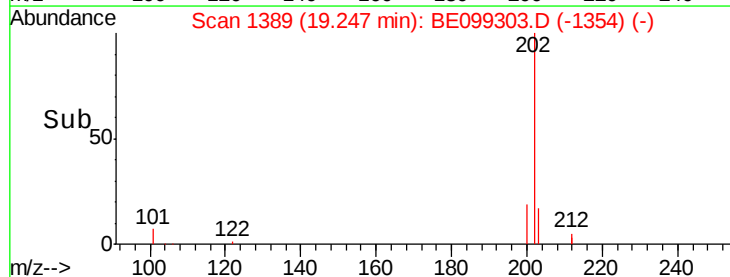
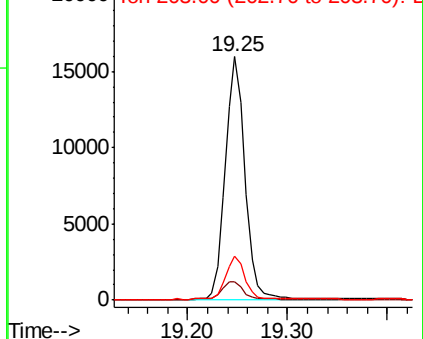
202 100

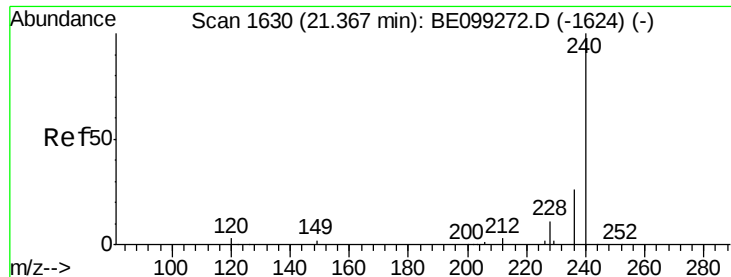
101 7.7 6.1 9.1

203 17.3 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: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099303.D

Acq: 5 Apr 2019 11:32

Instrument :

BNA_E

ClientSampleId :

PB118607BS

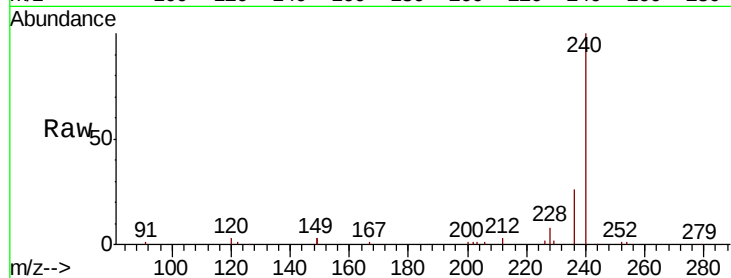
Tot Ion:240 Resp: 24899

Ion Ratio Lower Upper

240 100

120 3.3 2.3 3.5

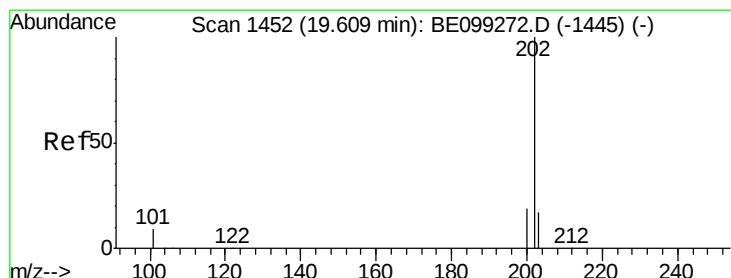
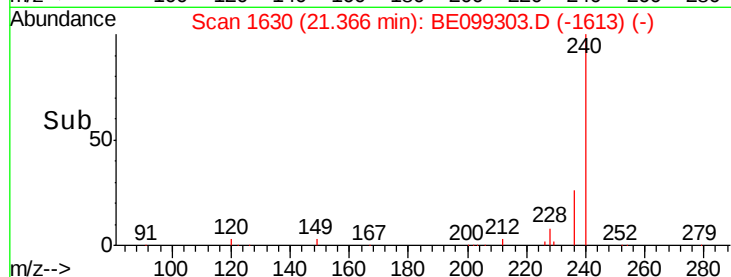
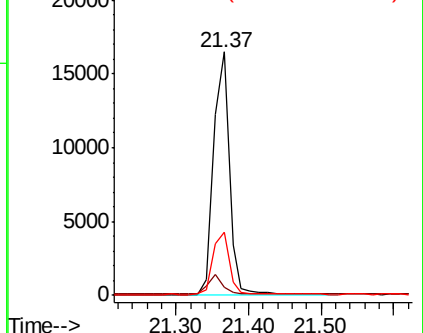
236 26.2 21.0 31.6



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: 0.335 ng

RT: 19.61 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BE099303.D

Acq: 5 Apr 2019 11:32

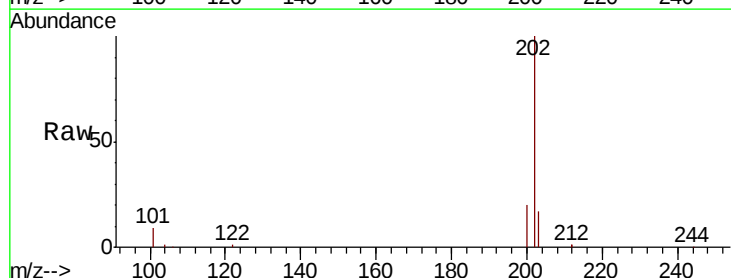
Tgt Ion:202 Resp: 22060

Ion Ratio Lower Upper

202 100

200 19.6 15.5 23.3

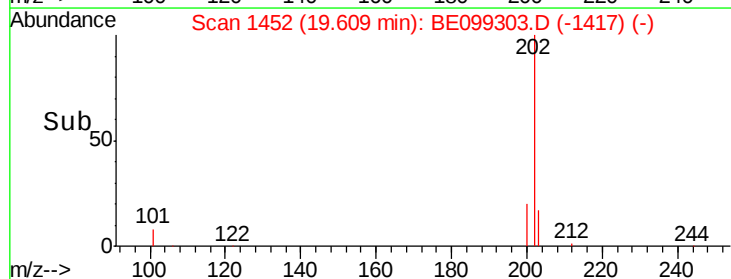
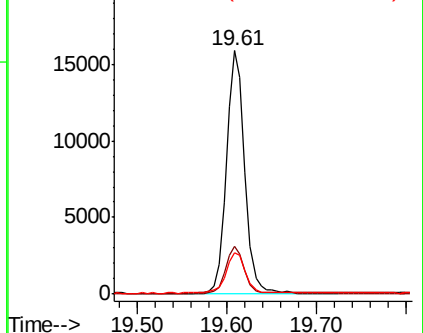
203 17.9 14.0 21.0

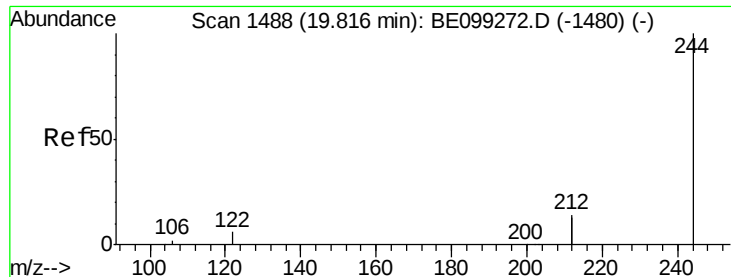


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.300 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE099303.D

Acq: 5 Apr 2019 11:32

Instrument :

BNA_E

ClientSampleId :

PB118607BS

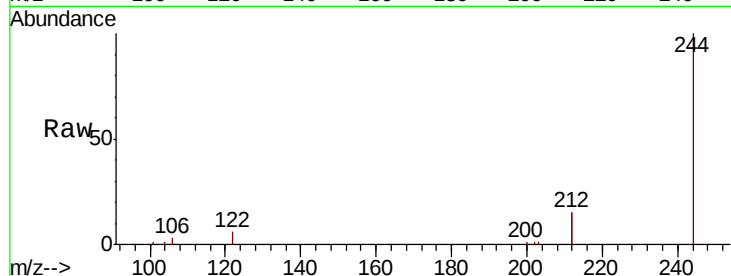
Tot Ion:244 Resp: 13648

Ion Ratio Lower Upper

244 100

212 30.0 22.4 33.6

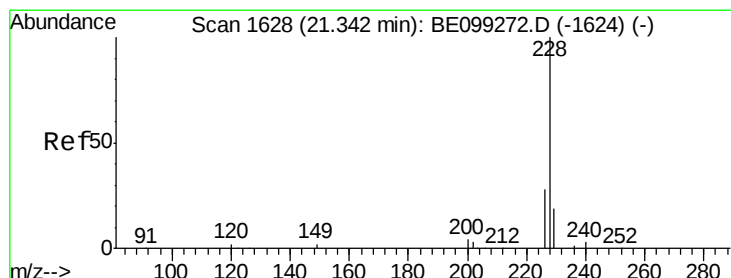
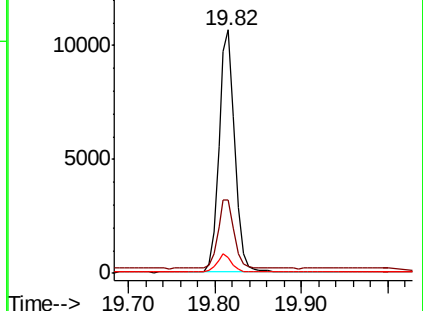
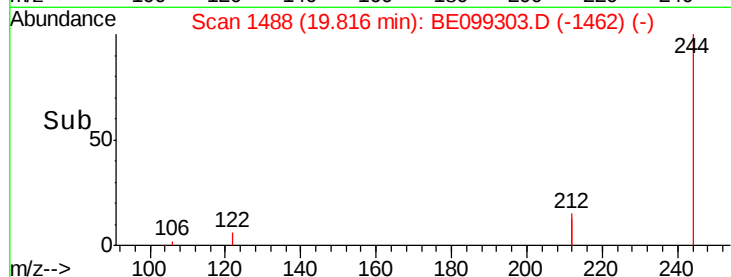
122 6.3 4.4 6.6



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: 0.329 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE099303.D

Acq: 5 Apr 2019 11:32

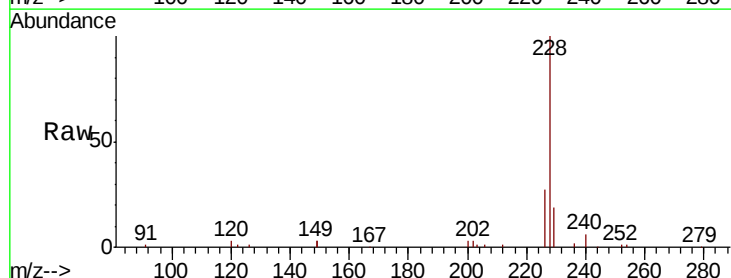
Tgt Ion:228 Resp: 25788

Ion Ratio Lower Upper

228 100

226 27.5 22.1 33.1

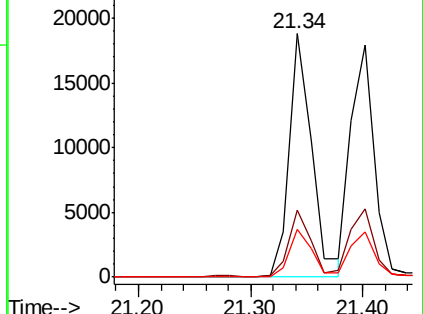
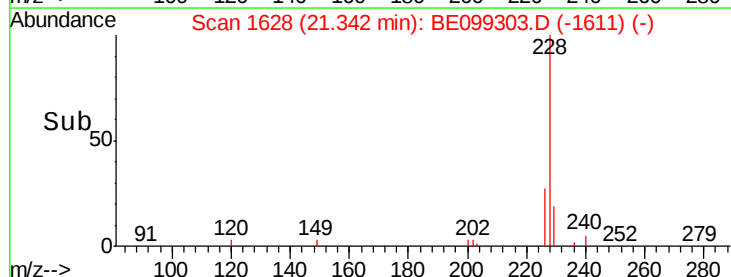
229 19.4 15.4 23.0

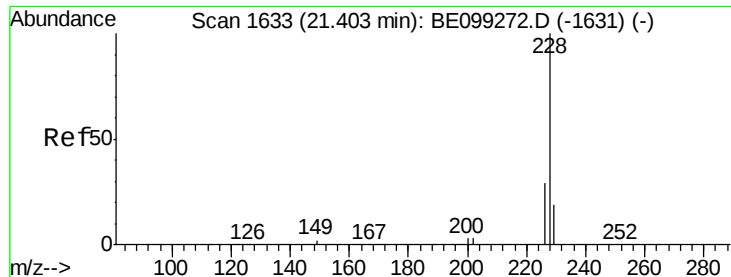


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.335 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099303.D

Acq: 5 Apr 2019 11:32

Instrument :

BNA_E

ClientSampleId :

PB118607BS

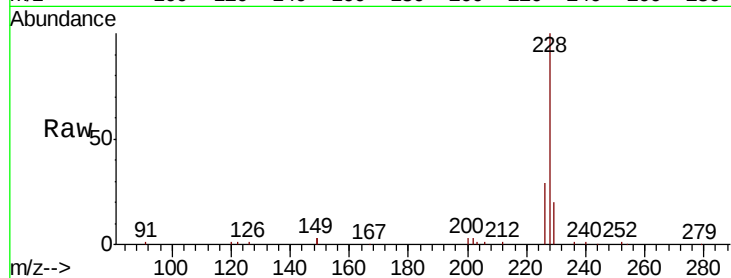
Tot Ion:228 Resp: 25750

Ion Ratio Lower Upper

228 100

226 29.4 23.6 35.4

229 19.5 15.8 23.8

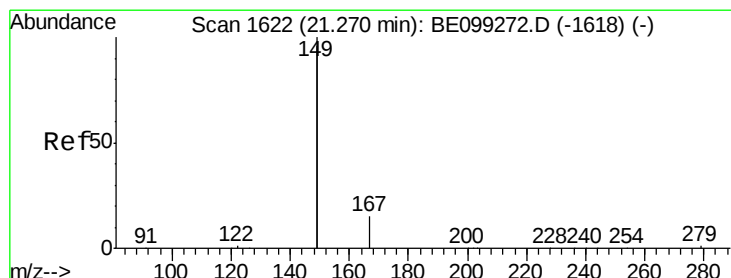
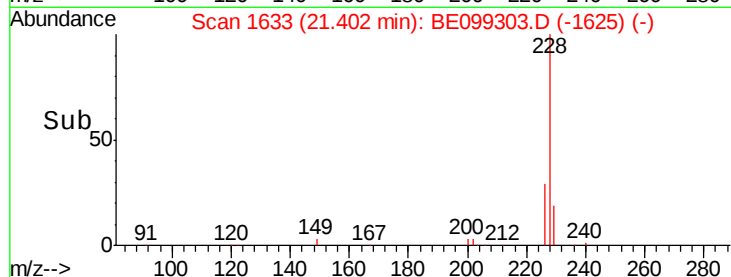
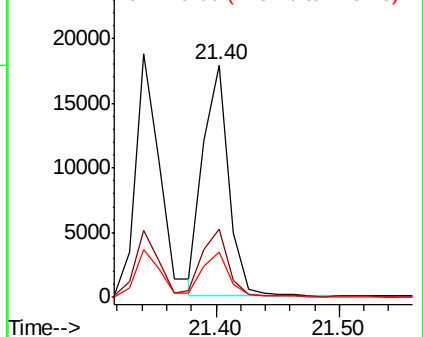


Abundance

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: 0.207 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE099303.D

Acq: 5 Apr 2019 11:32

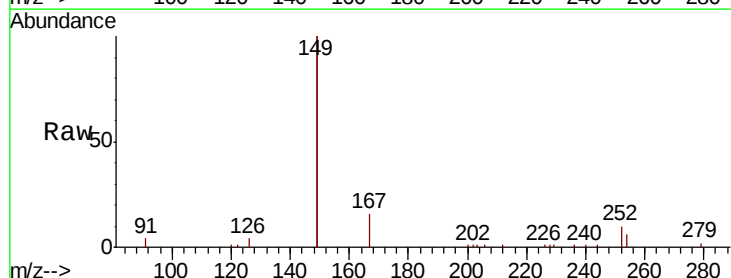
Tgt Ion:149 Resp: 20696

Ion Ratio Lower Upper

149 100

167 7.7 5.8 8.6

279 1.8 1.0 1.6#

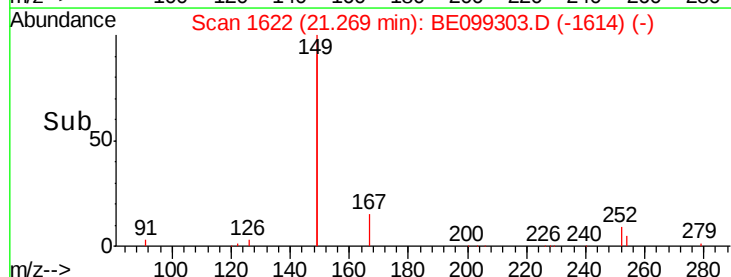
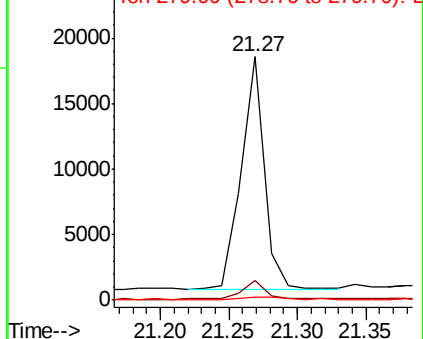


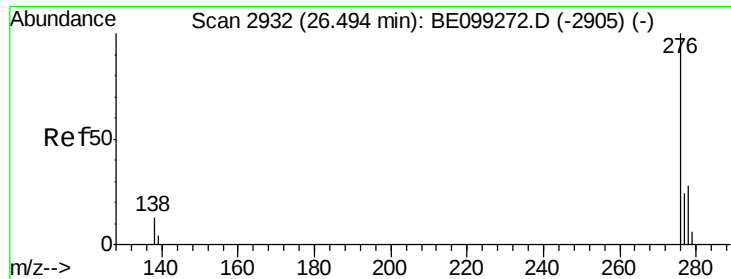
Abundance

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

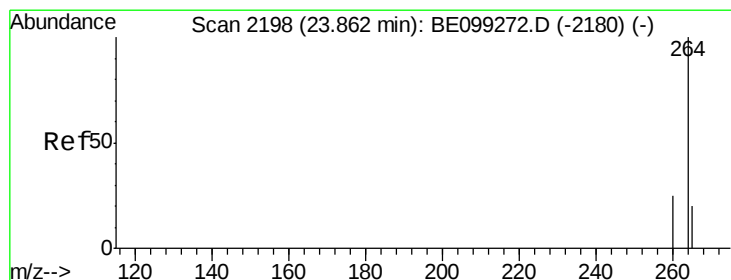
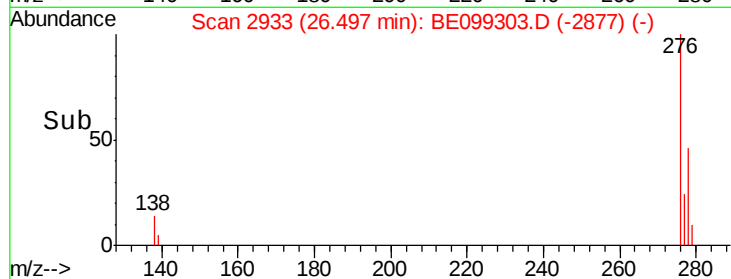
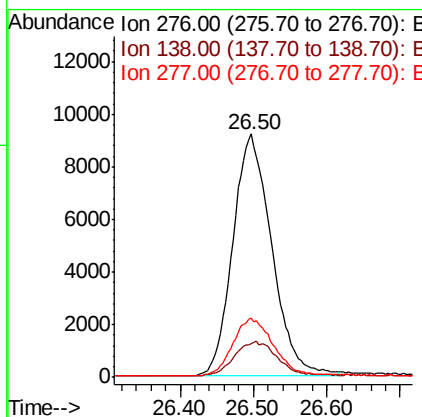
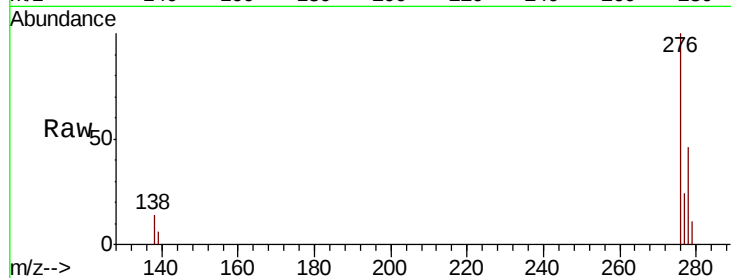




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.384 ng
 RT: 26.50 min Scan# 2933
 Delta R.T. -0.00 min
 Lab File: BE099303.D
 Acq: 5 Apr 2019 11:32

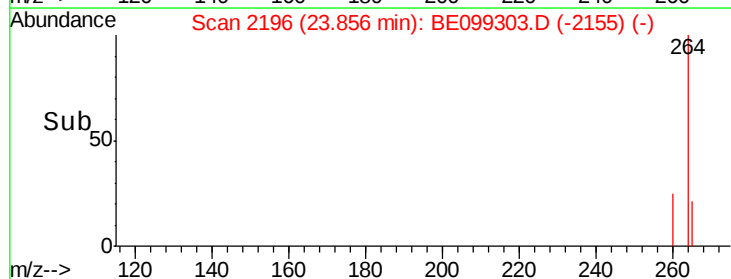
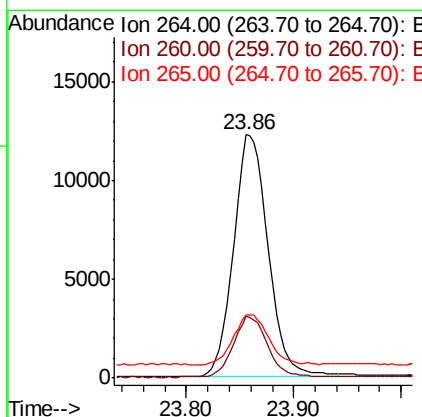
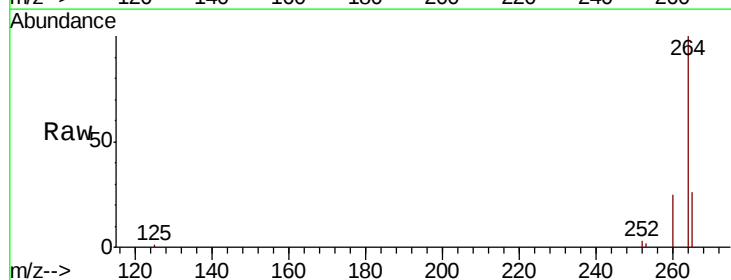
Instrument :
 BNA_E
 ClientSampleId :
 PB118607BS

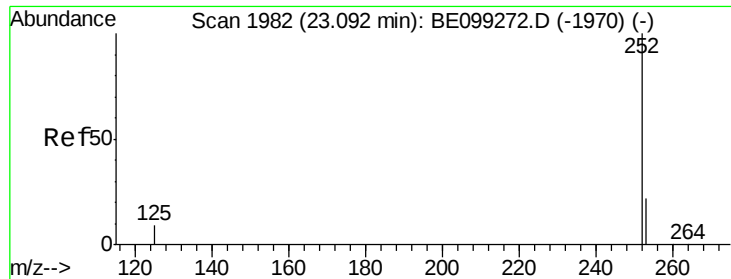
Tot Ion:276 Resp: 33707
 Ion Ratio Lower Upper
 276 100
 138 15.4 13.3 19.9
 277 24.8 19.8 29.8



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BE099303.D
 Acq: 5 Apr 2019 11:32

Tgt Ion:264 Resp: 27467
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.9 29.9
 265 26.2 20.3 30.5

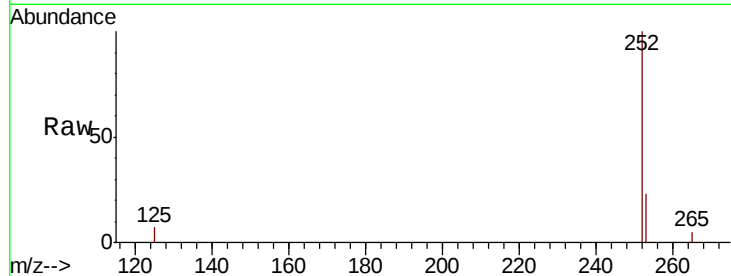




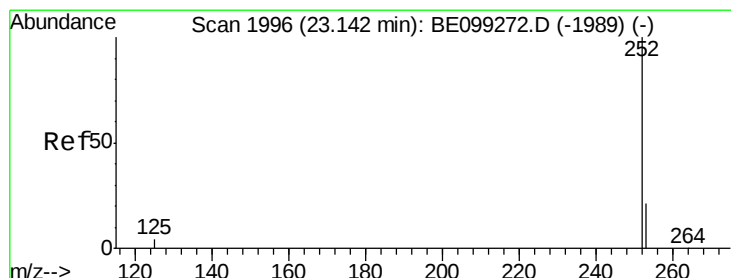
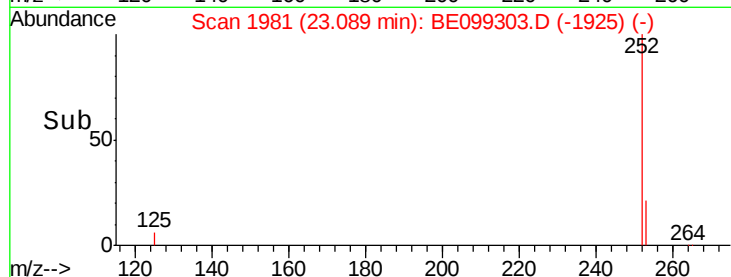
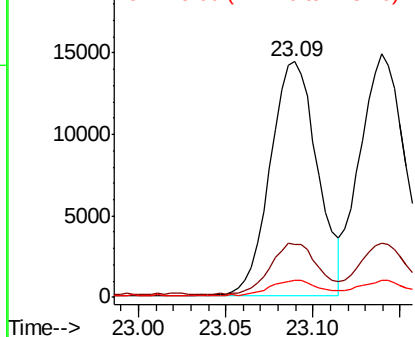
#35
Benzo(b)fluoranthene
Concen: 0.329 ng
RT: 23.09 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BE099303.D
Acq: 5 Apr 2019 11:32

Instrument :
BNA_E
ClientSampleId :
PB118607BS

Tot Ion:252 Resp: 26955
Ion Ratio Lower Upper
252 100
253 22.7 18.5 27.7
125 7.2 9.4 14.2#

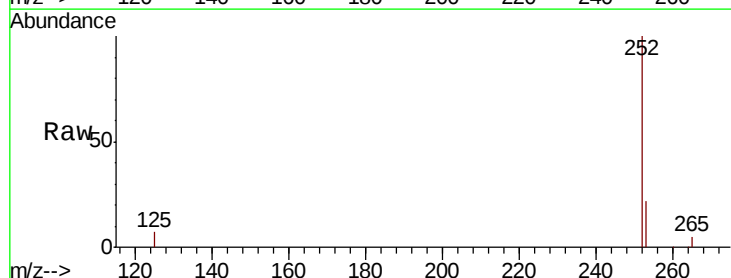


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

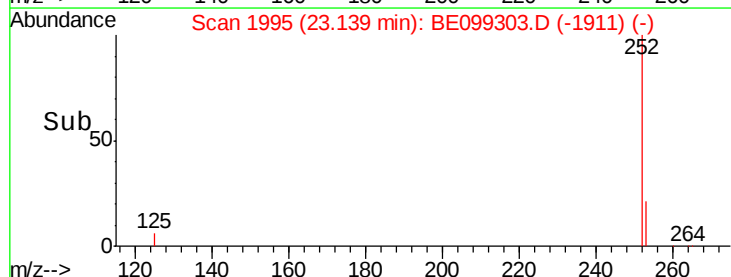
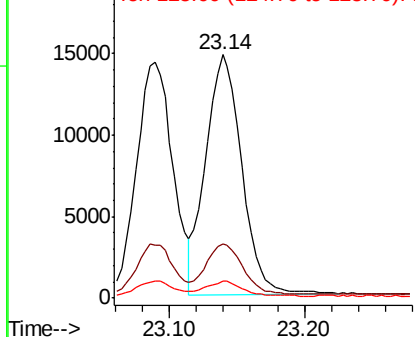


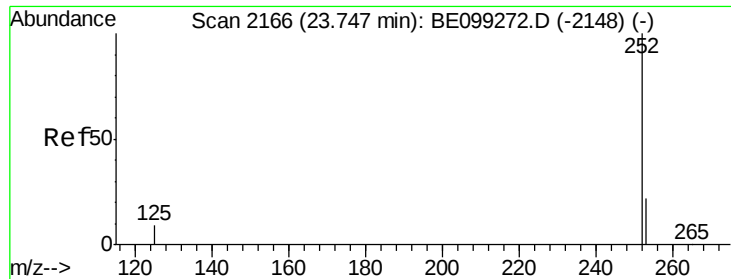
#36
Benzo(k)fluoranthene
Concen: 0.343 ng
RT: 23.14 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BE099303.D
Acq: 5 Apr 2019 11:32

Tgt Ion:252 Resp: 27332
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 6.9 5.2 7.8



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

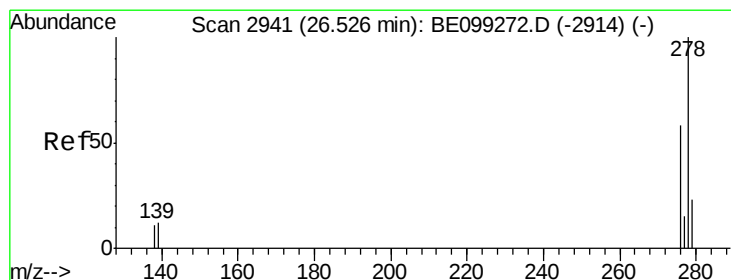
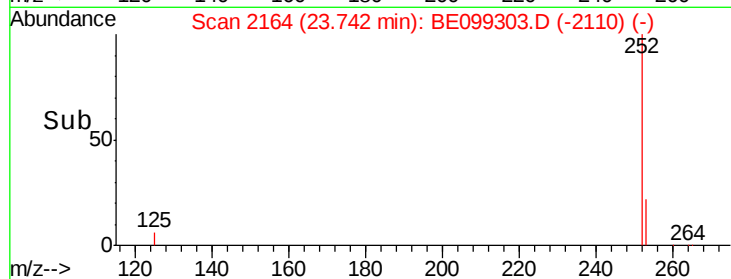
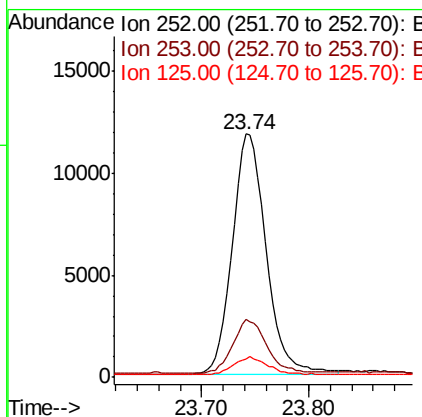
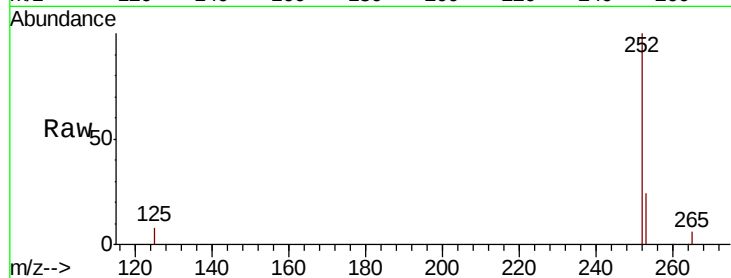




#37
Benzo(a)pyrene
Concen: 0.335 ng
RT: 23.74 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BE099303.D
Acq: 5 Apr 2019 11:32

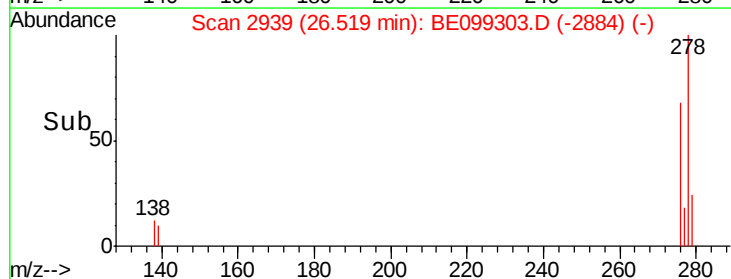
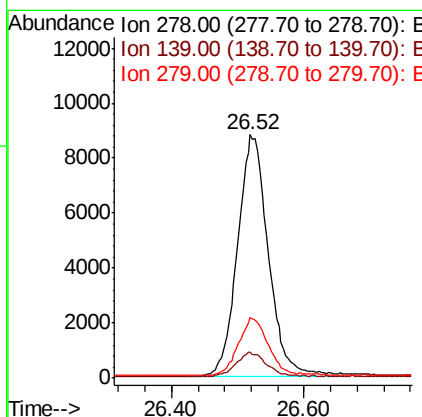
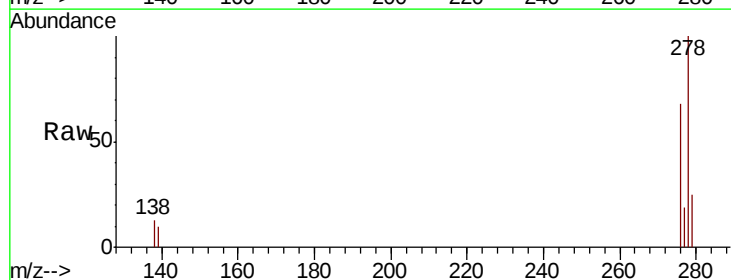
Instrument :
BNA_E
ClientSampleId :
PB118607BS

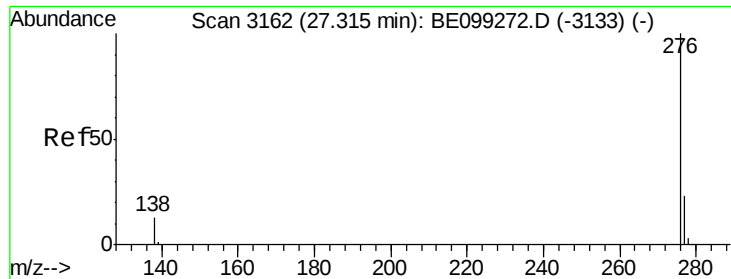
Tot Ion:252 Resp: 25837
Ion Ratio Lower Upper
252 100
253 23.6 18.6 28.0
125 7.6 9.5 14.3#



#38
Dibenzo(a,h)anthracene
Concen: 0.372 ng
RT: 26.52 min Scan# 2939
Delta R.T. -0.00 min
Lab File: BE099303.D
Acq: 5 Apr 2019 11:32

Tgt Ion:278 Resp: 28500
Ion Ratio Lower Upper
278 100
139 10.4 11.3 16.9#
279 25.0 19.4 29.2





#39

Benzo(a,h,i)perylene

Concen: 0.383 ng

RT: 27.31 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BE099303.D

Acq: 5 Apr 2019 11:32

Instrument :

BNA_E

ClientSampleId :

PB118607BS

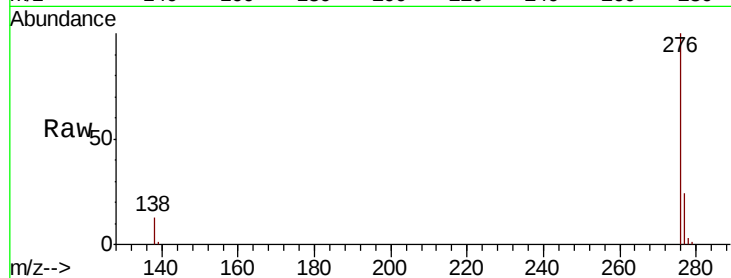
Tot Ion: 276 Resp: 29254

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 13.5 10.7 16.1



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

