

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
 Data File : BE099249.D
 Acq On : 29 Mar 2019 11:29
 Operator : JU/SJ
 Sample : PB118350BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB118350BS

Quant Time: Mar 29 22:54:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 07:02:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3763	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	13366	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	8966	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	28992	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	33898	0.40	ng	-0.01
34) Perylene-d12	23.89	264	23965	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	3312	0.29	ng	0.00
5) Phenol-d6	6.99	99	4507	0.26	ng	0.00
8) Nitrobenzene-d5	8.99	82	3196	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	11072	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	694	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	12936	0.35	ng	0.00
25) Fluoranthene-d10	19.24	212	121969	0.35	ng	0.00
29) Terphenyl-d14	19.83	244	24391	0.33	ng	0.00

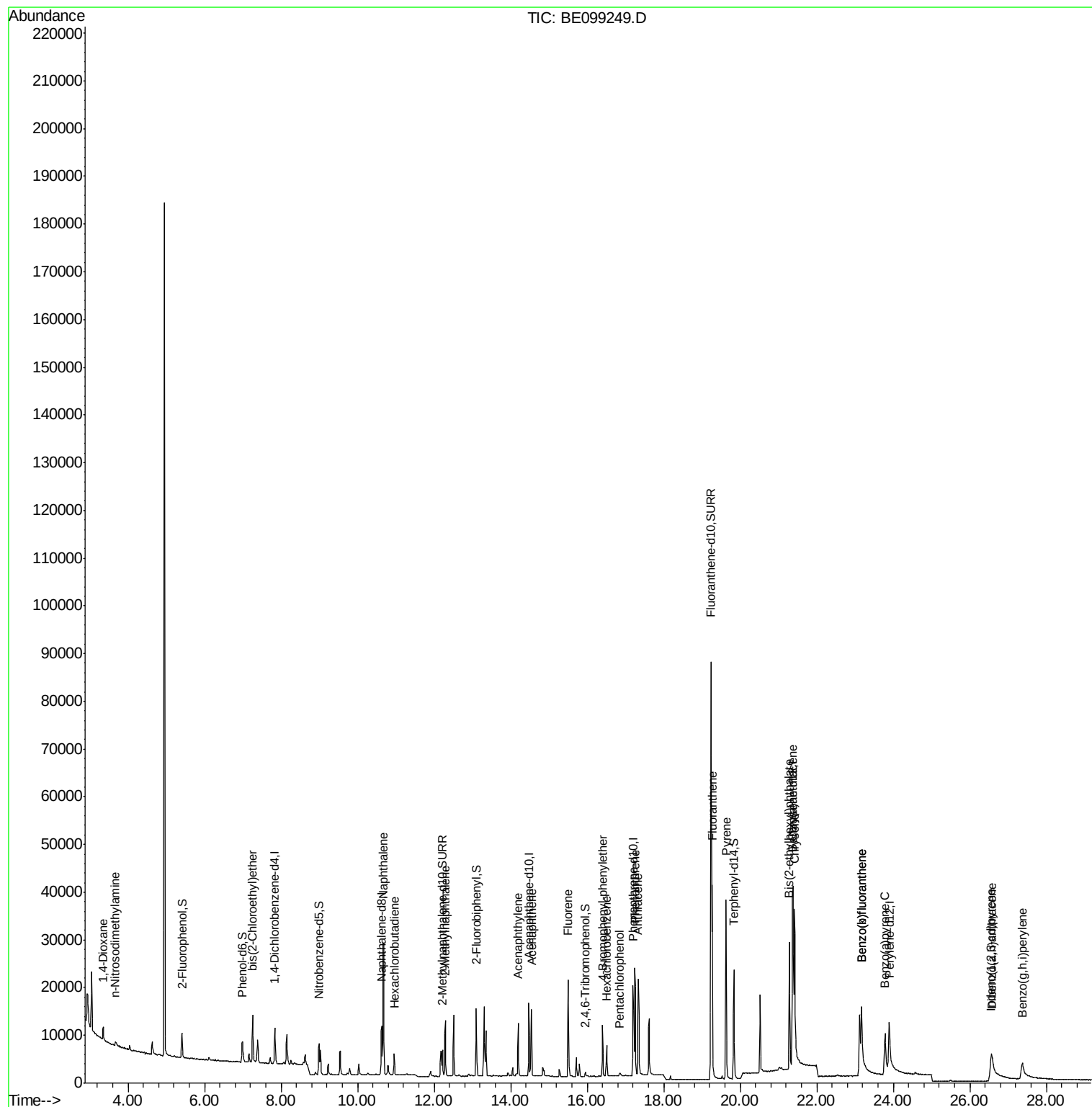
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	2065	0.416	ng	# 83
3) n-Nitrosodimethylamine	3.67	42	694	0.250	ng	# 86
6) bis(2-Chloroethyl)ether	7.25	93	3896	0.289	ng	98
9) Naphthalene	10.67	128	50748	0.322	ng	99
10) Hexachlorobutadiene	10.95	225	2927	0.348	ng	97
12) 2-Methylnaphthalene	12.30	142	8786	0.312	ng	99
16) Acenaphthylene	14.20	152	13046	0.285	ng	100
17) Acenaphthene	14.54	154	8703	0.318	ng	99
18) Fluorene	15.50	166	13004	0.338	ng	98
20) 4-Bromophenyl-phenylether	16.40	248	5361	0.287	ng	# 78
21) Hexachlorobenzene	16.51	284	5184	0.287	ng	99
22) Pentachlorophenol	16.85	266	473	0.417	ng	94
23) Phenanthrene	17.24	178	26706	0.314	ng	99
24) Anthracene	17.34	178	22640	0.294	ng	100
26) Fluoranthene	19.26	202	35811	0.330	ng	99
28) Pyrene	19.63	202	37467	0.333	ng	99
30) Benzo(a)anthracene	21.37	228	30700	0.274	ng	99
31) Chrysene	21.41	228	36472	0.305	ng	99
32) Bis(2-ethylhexyl)phthalate	21.28	149	31585	0.237	ng	99
33) Indeno(1,2,3-cd)pyrene	26.55	276	14216	0.126	ng	# 89
35) Benzo(b)fluoranthene	23.17	252	30413	0.386	ng	97
36) Benzo(k)fluoranthene	23.17	252	32966	0.395	ng	97
37) Benzo(a)pyrene	23.78	252	23485	0.319	ng	97
38) Dibenzo(a,h)anthracene	26.57	278	9306	0.142	ng	# 94
39) Benzo(g,h,i)perylene	27.37	276	12726	0.194	ng	98

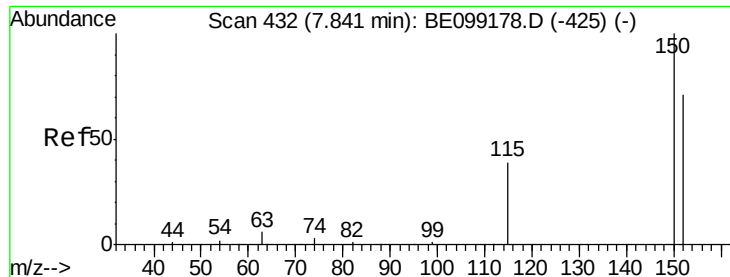
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.83 min Scan# 431

Delta R.T. -0.01 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PB118350BS

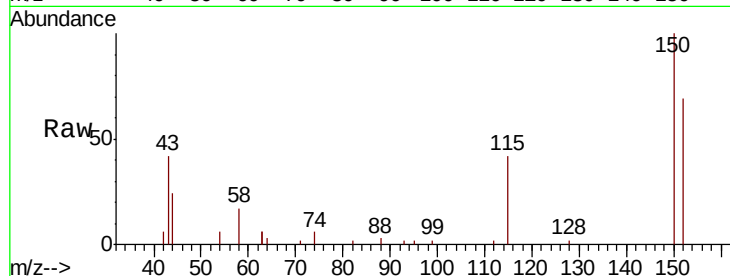
Tgt Ion: 152 Resp: 3763

Ion Ratio Lower Upper

152 100

150 144.8 112.8 169.2

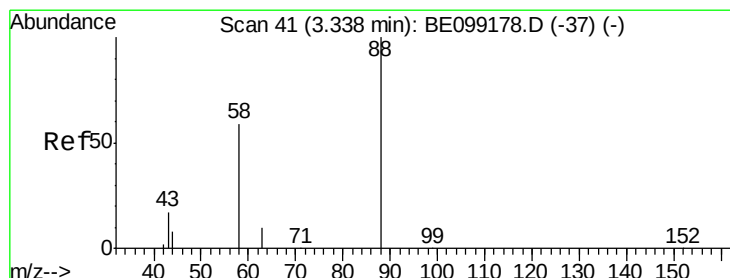
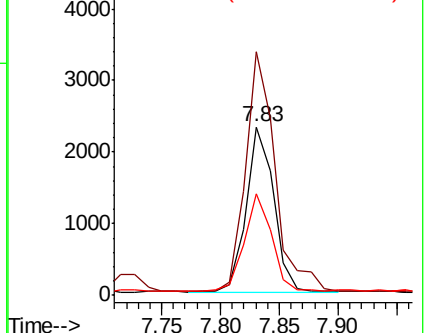
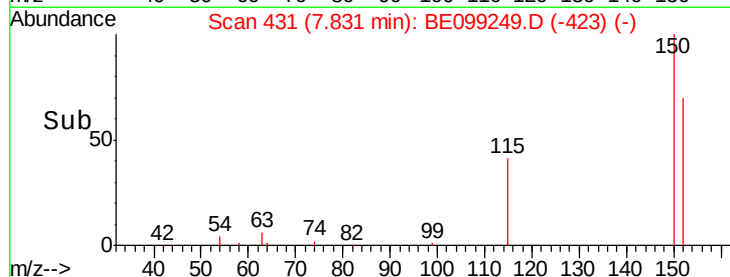
115 60.3 45.1 67.7



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: 0.416 ng

RT: 3.35 min Scan# 42

Delta R.T. 0.01 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

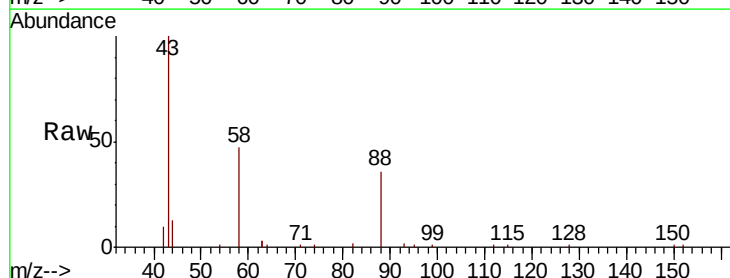
Tgt Ion: 88 Resp: 2065

Ion Ratio Lower Upper

88 100

58 58.8 47.4 71.0

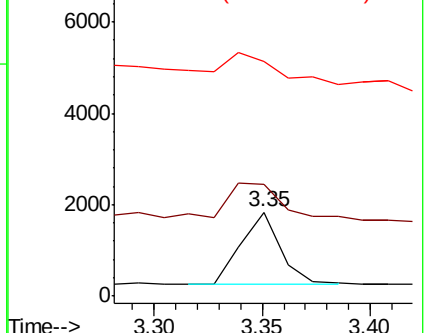
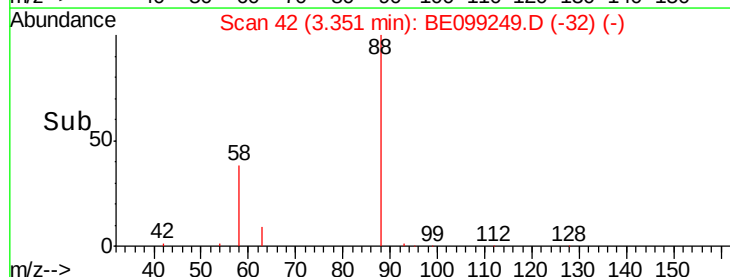
43 49.5 15.6 23.4#

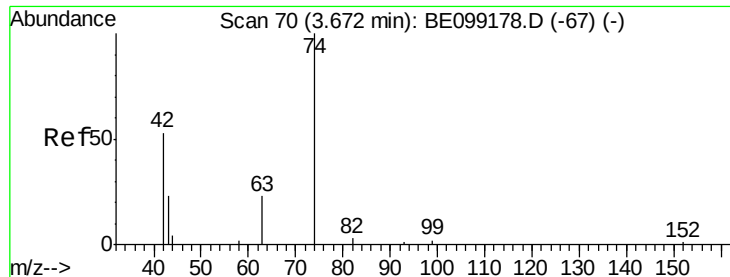


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.250 ng

RT: 3.67 min Scan# 70

Delta R.T. 0.00 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Instrument :

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PB118350BS

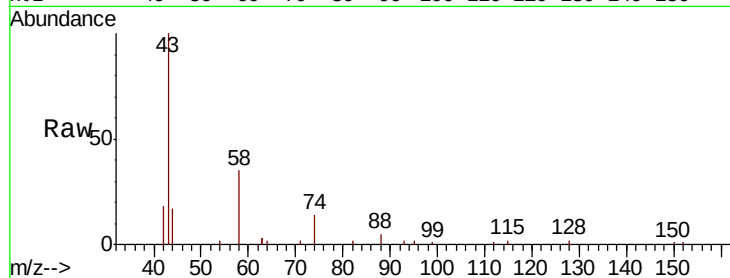
Tgt Ion: 42 Resp: 694

Ion Ratio Lower Upper

42 100

74 188.6 138.6 207.8

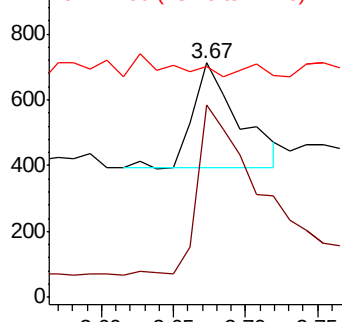
44 0.0 15.0 22.6#



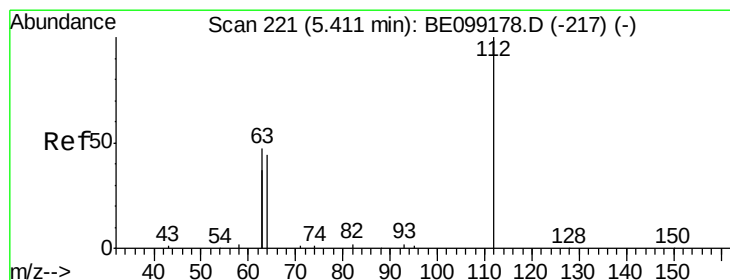
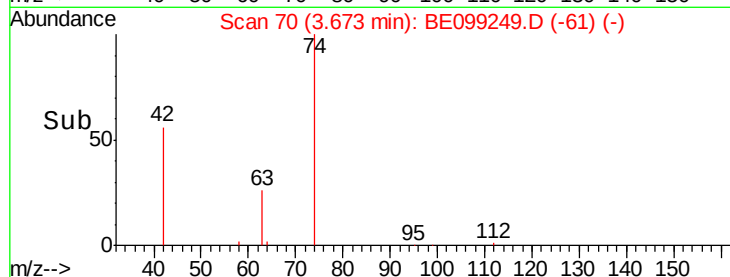
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.295 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.00 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

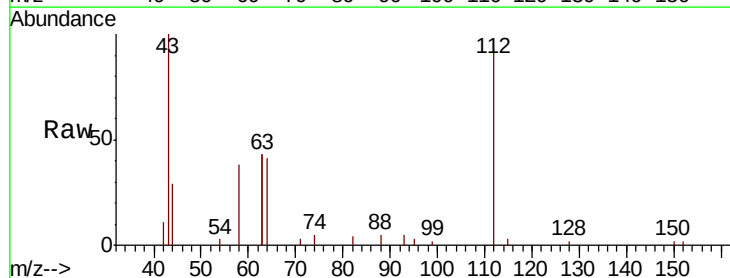
Tgt Ion: 112 Resp: 3312

Ion Ratio Lower Upper

112 100

64 56.8 46.2 69.2

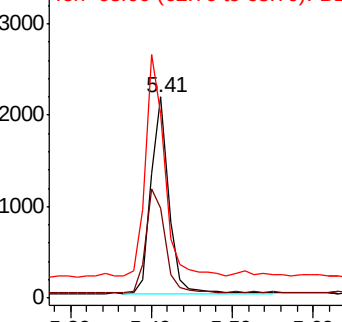
63 120.8 89.9 134.9



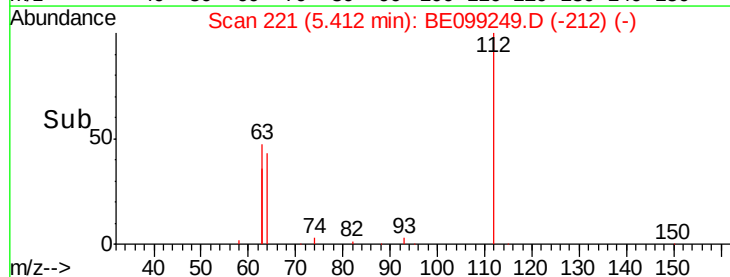
Abundance Ion 112.00 (111.70 to 112.70): E

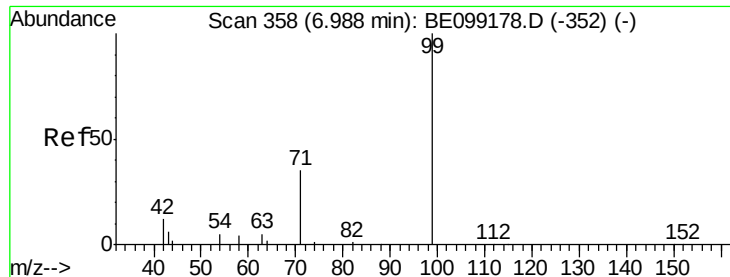
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.263 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PB118350BS

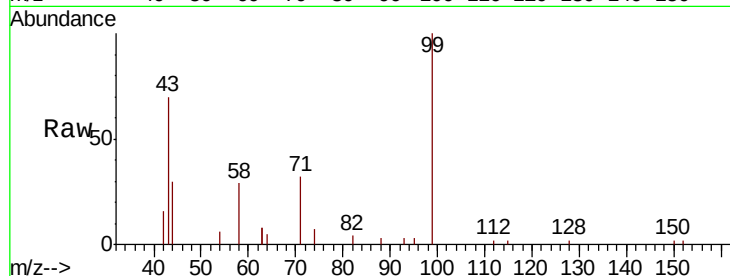
Tgt Ion: 99 Resp: 4507

Ion Ratio Lower Upper

99 100

42 16.0 12.4 18.6

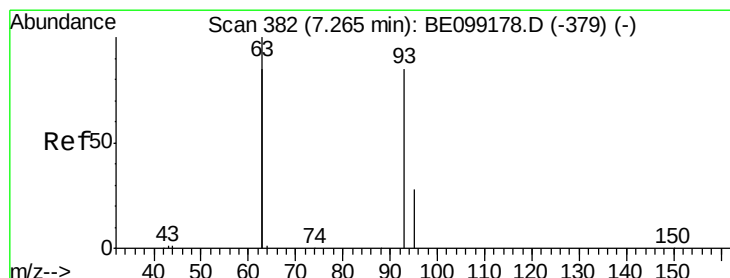
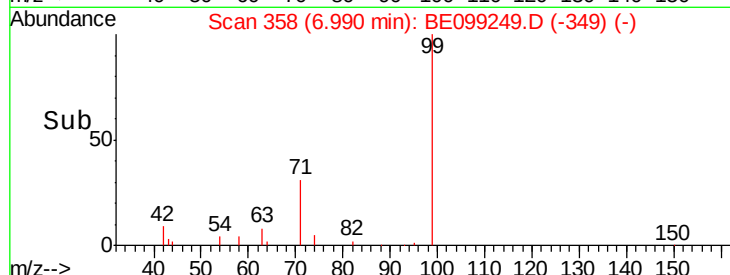
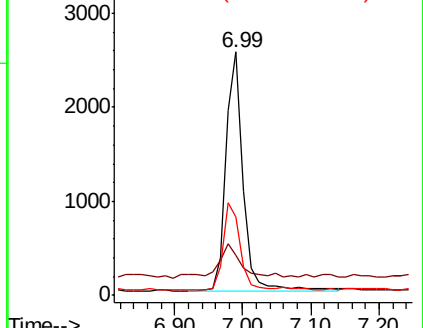
71 37.7 28.4 42.6



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: 0.289 ng

RT: 7.25 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

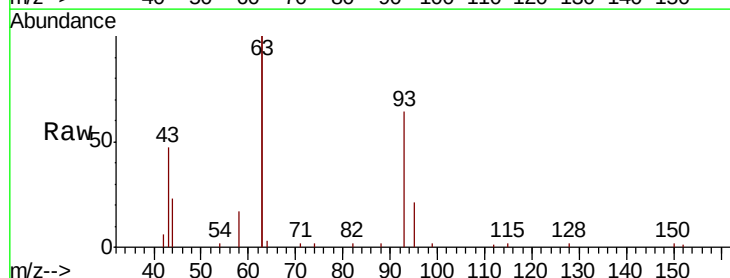
Tgt Ion: 93 Resp: 3896

Ion Ratio Lower Upper

93 100

63 279.9 221.4 332.0

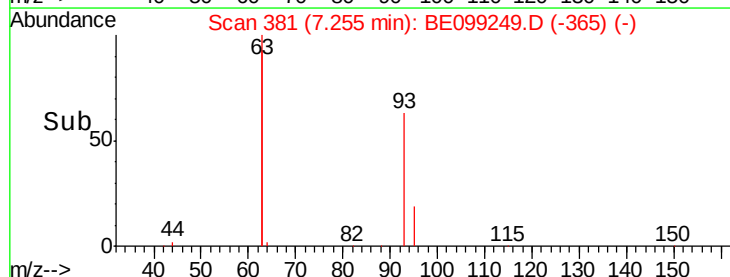
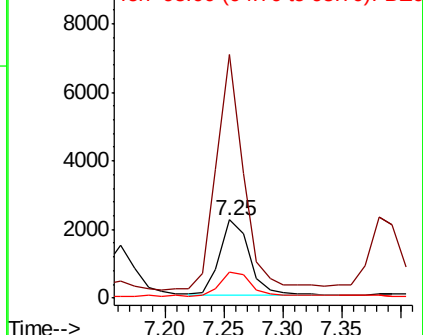
95 33.3 25.8 38.8

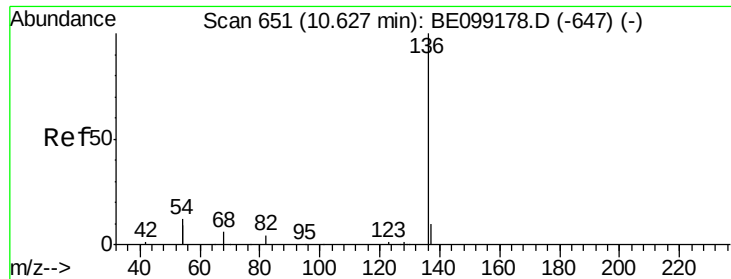


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PB118350BS

Tgt Ion:136 Resp: 13366

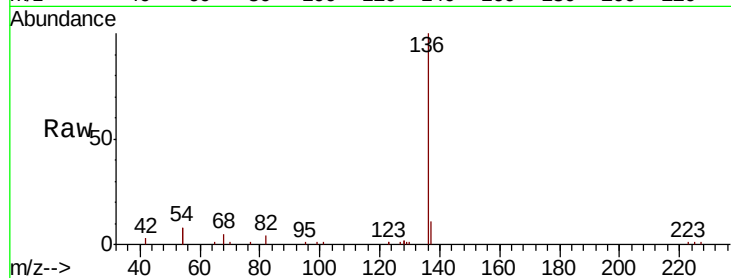
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 16.5 18.7 28.1#

68 5.3 5.2 7.8

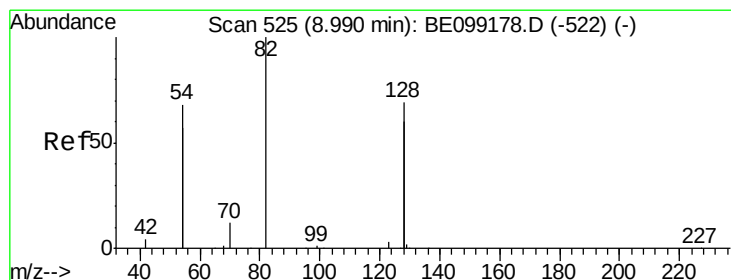
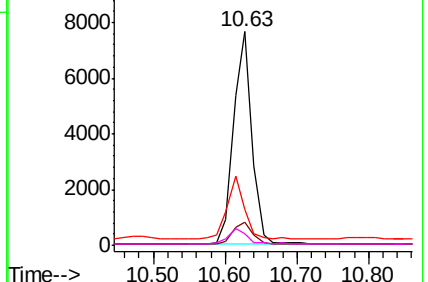
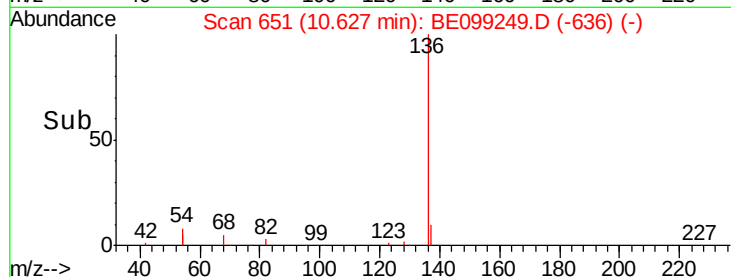


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.293 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

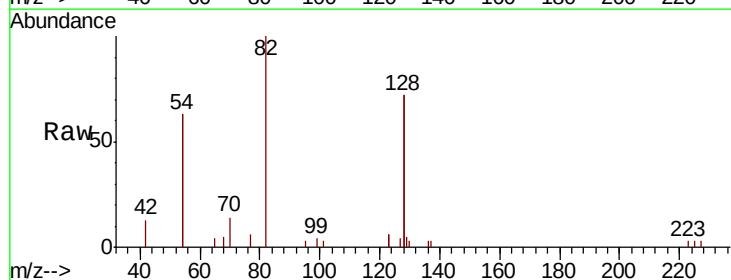
Tgt Ion: 82 Resp: 3196

Ion Ratio Lower Upper

82 100

128 143.9 107.5 161.3

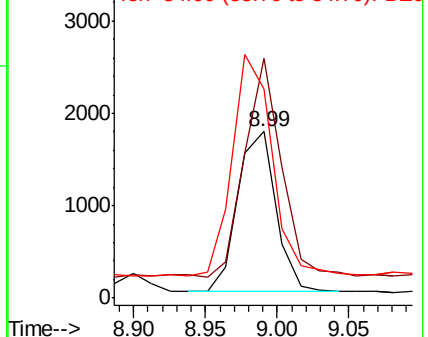
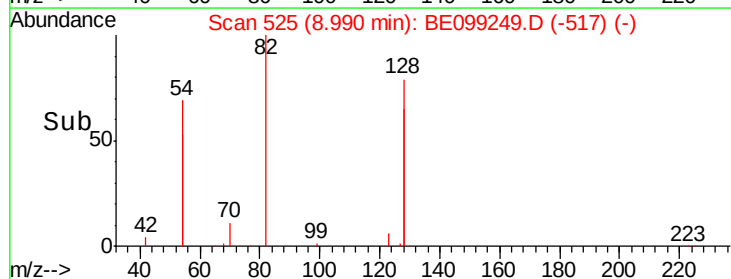
54 125.9 106.3 159.5

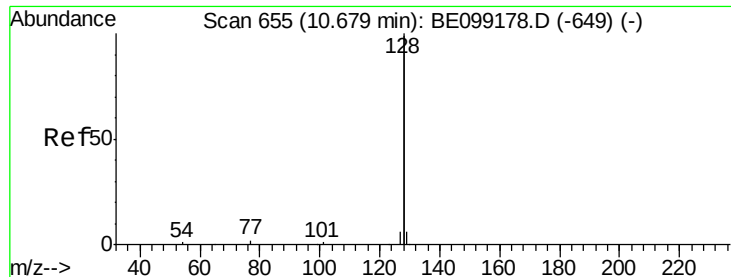


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.322 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.01 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Instrument :

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PB118350BS

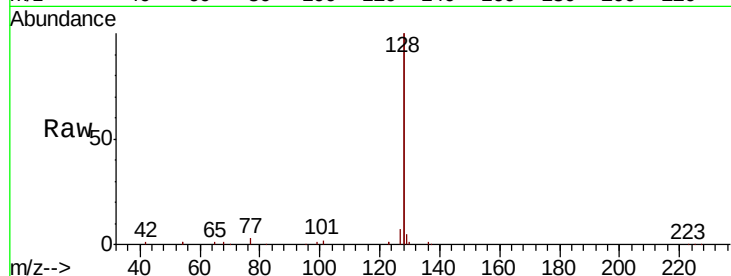
Tgt Ion:128 Resp: 50748

Ion Ratio Lower Upper

128 100

129 2.7 2.3 3.5

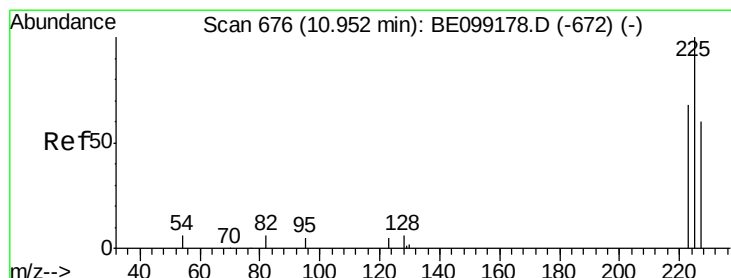
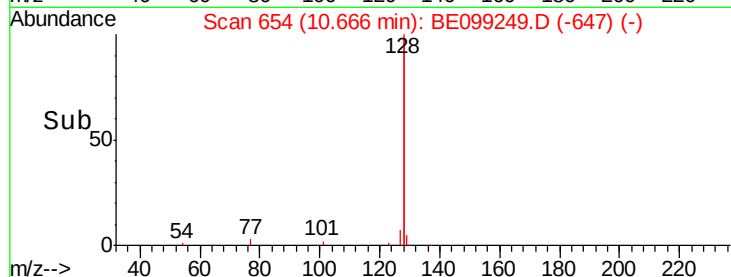
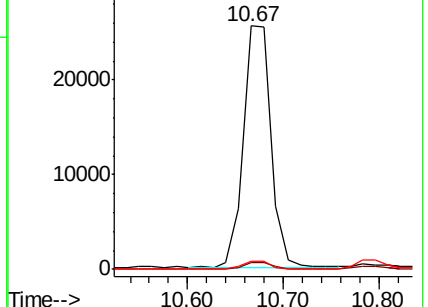
127 3.6 2.6 3.8



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: 0.348 ng

RT: 10.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

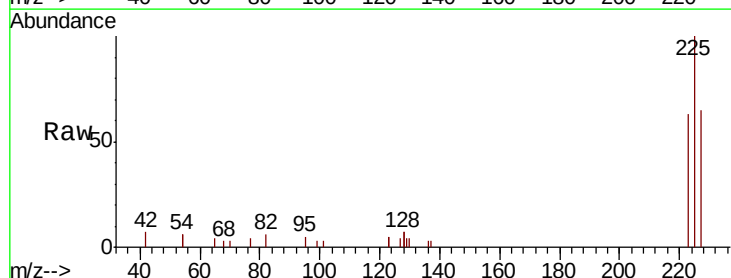
Tgt Ion:225 Resp: 2927

Ion Ratio Lower Upper

225 100

223 64.2 51.3 76.9

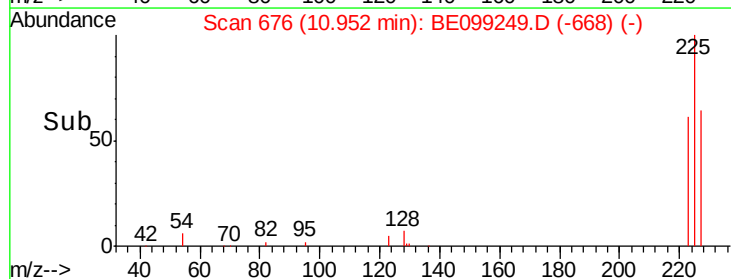
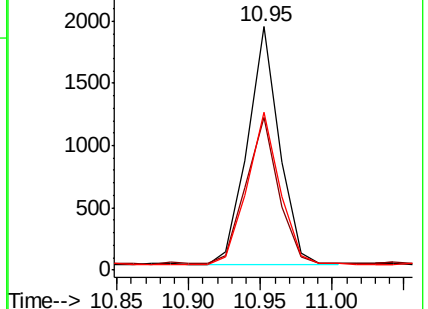
227 65.1 48.6 73.0

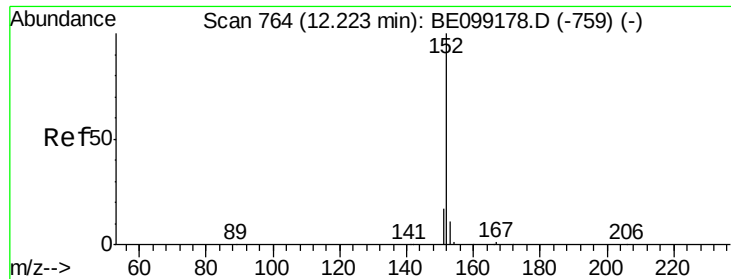


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

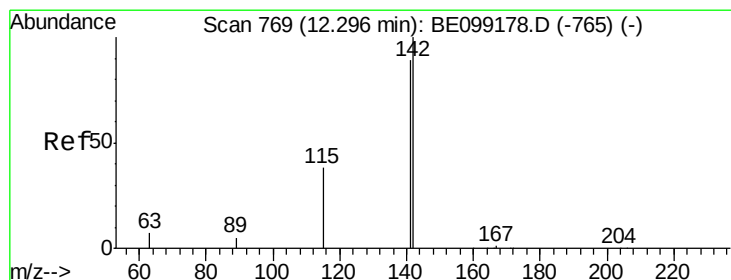
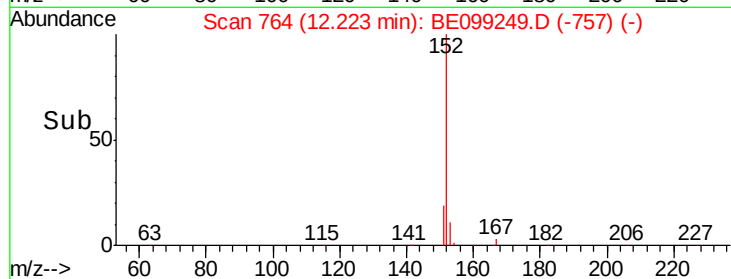
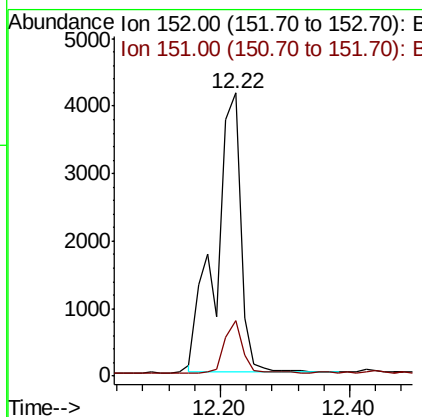
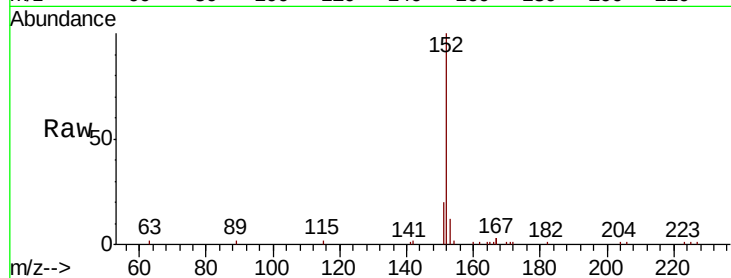




#11
 2-Methylnaphthalene-d10
 Concen: 0.430 ng
 RT: 12.22 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BE099249.D
 Acq: 29 Mar 2019 11:29

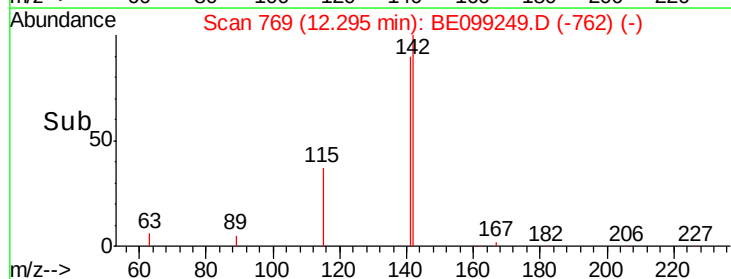
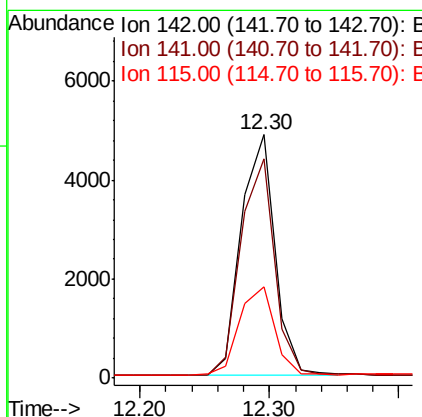
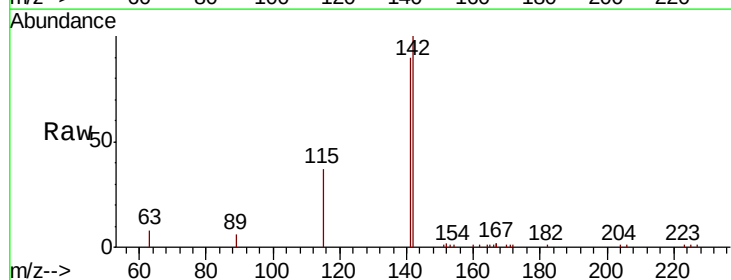
Instrument :
 BNA_E
 ClientSampleId :
 PB118350BS

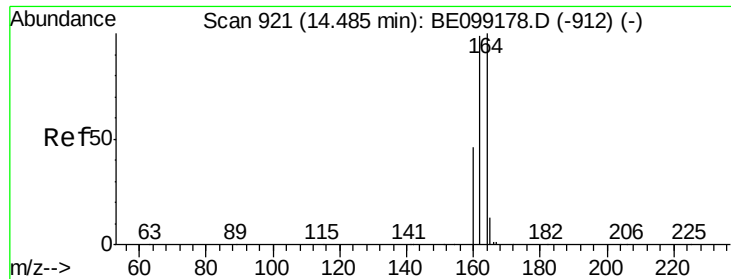
Tgt Ion:152 Resp: 11072
 Ion Ratio Lower Upper
 152 100
 151 13.3 15.0 22.6#



#12
 2-Methylnaphthalene
 Concen: 0.312 ng
 RT: 12.30 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE099249.D
 Acq: 29 Mar 2019 11:29

Tgt Ion:142 Resp: 8786
 Ion Ratio Lower Upper
 142 100
 141 90.2 71.3 106.9
 115 37.4 30.4 45.6

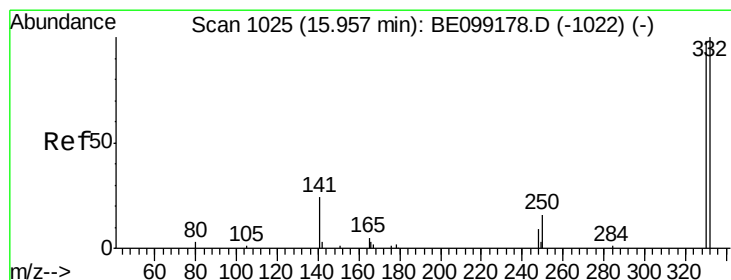
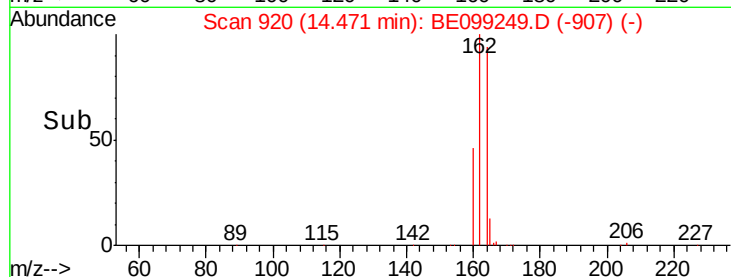
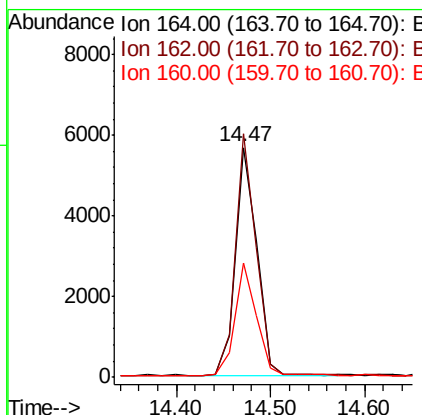
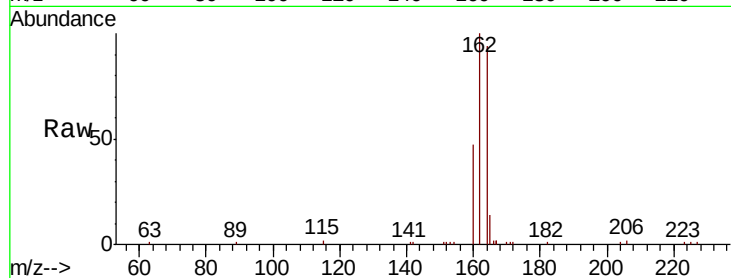




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099249.D
Acq: 29 Mar 2019 11:29

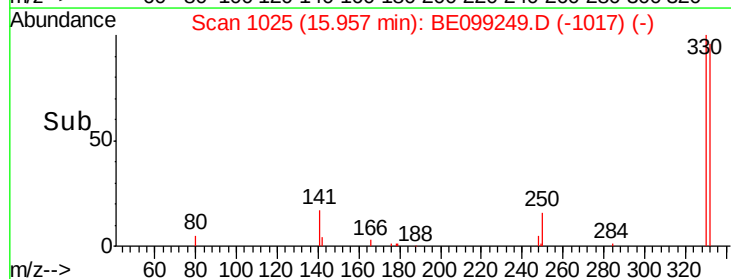
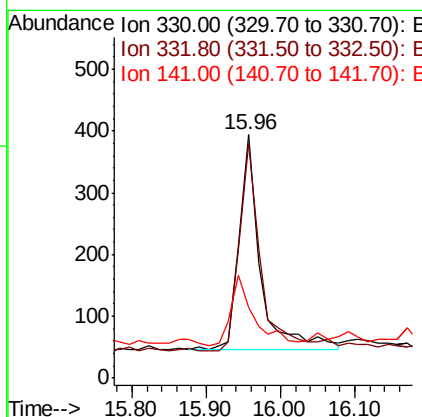
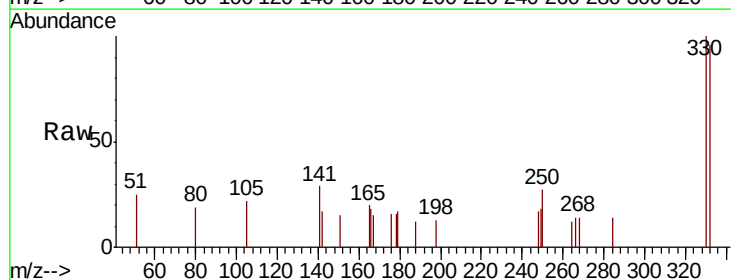
Instrument :
BNA_E
ClientSampleId :
PB118350BS

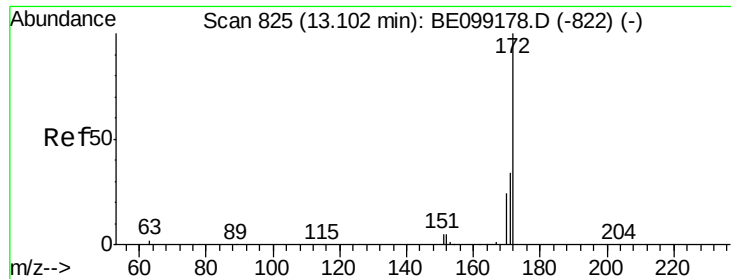
Tgt Ion:164 Resp: 8966
Ion Ratio Lower Upper
164 100
162 105.8 79.2 118.8
160 49.5 36.7 55.1



#14
2,4,6-Tribromophenol
Concen: 0.366 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099249.D
Acq: 29 Mar 2019 11:29

Tgt Ion:330 Resp: 694
Ion Ratio Lower Upper
330 100
332 105.0 71.3 106.9
141 36.2 21.7 32.5#

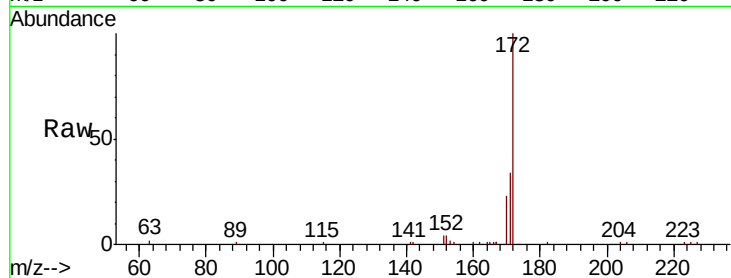




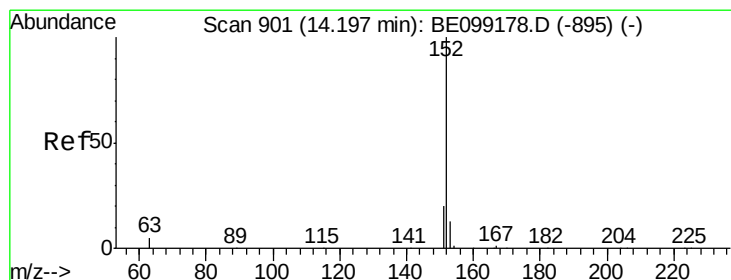
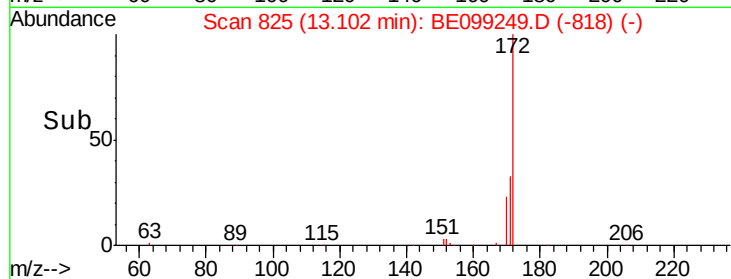
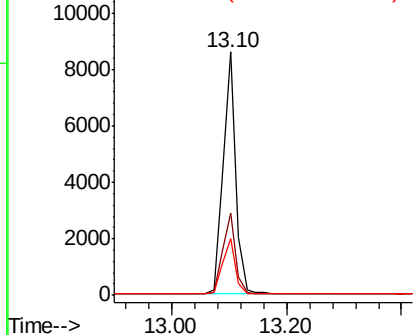
#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099249.D
Acq: 29 Mar 2019 11:29

Instrument :
BNA_E
ClientSampleId :
PB118350BS

Tgt Ion:172 Resp: 12936
Ion Ratio Lower Upper
172 100
171 33.9 27.4 41.0
170 23.1 19.1 28.7

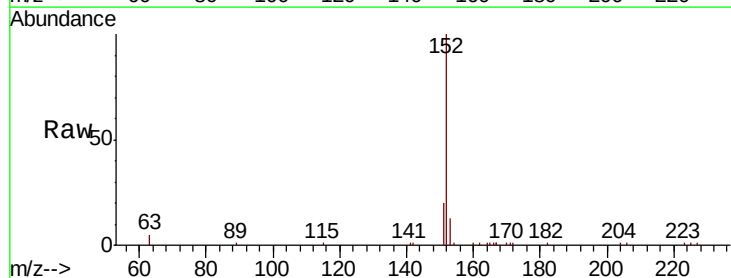


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

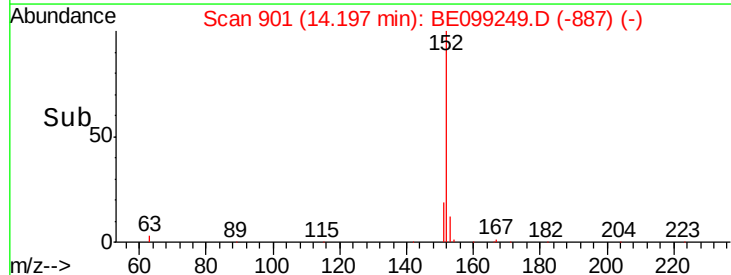
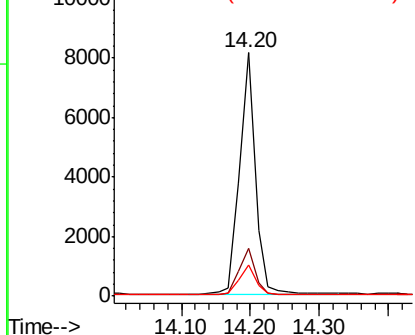


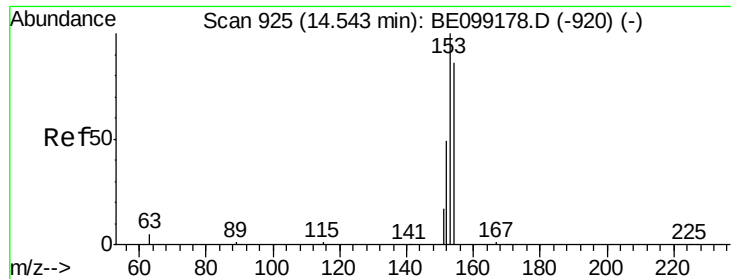
#16
Acenaphthylene
Concen: 0.285 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099249.D
Acq: 29 Mar 2019 11:29

Tgt Ion:152 Resp: 13046
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.0 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: 0.318 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PB118350BS

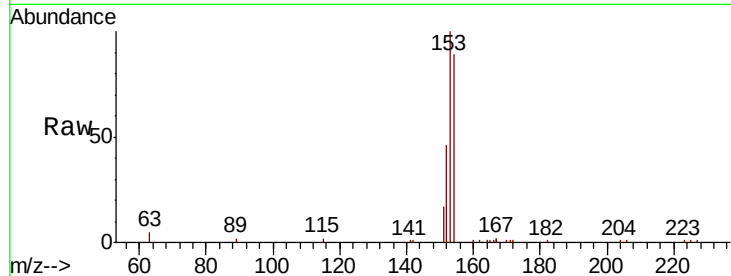
Tgt Ion:154 Resp: 8703

Ion Ratio Lower Upper

154 100

153 115.6 93.4 140.0

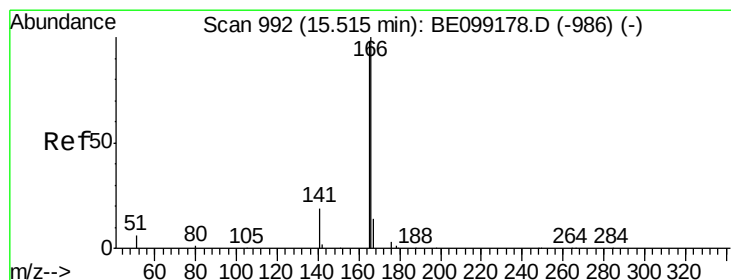
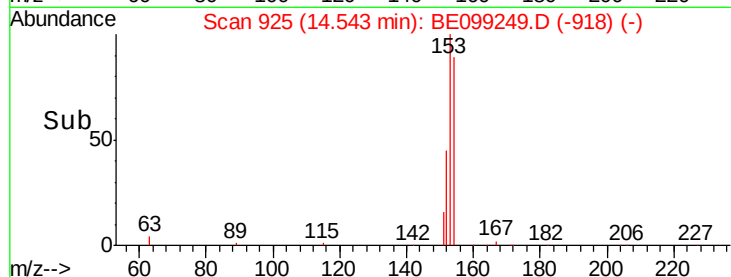
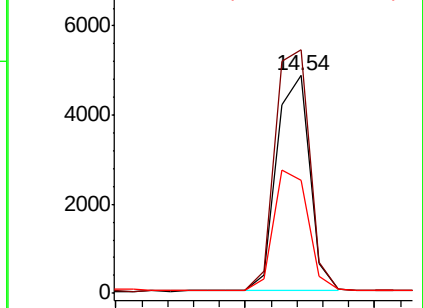
152 57.2 46.6 69.8



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: 0.338 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.01 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

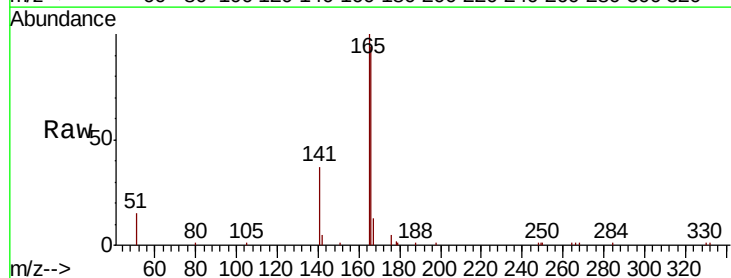
Tgt Ion:166 Resp: 13004

Ion Ratio Lower Upper

166 100

165 101.3 78.9 118.3

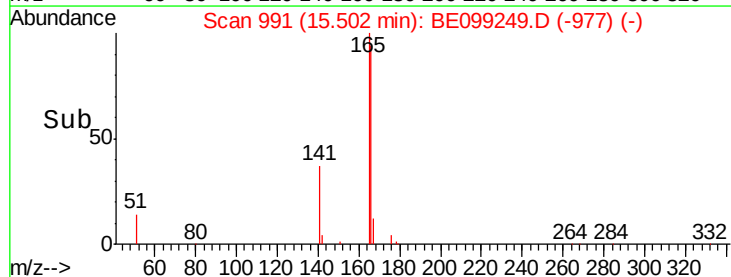
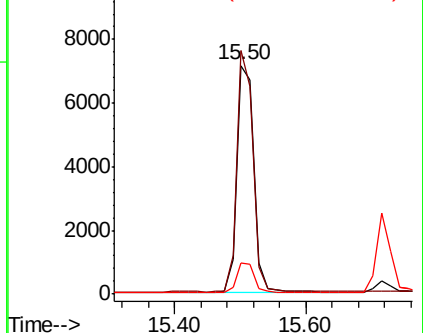
167 13.6 10.9 16.3

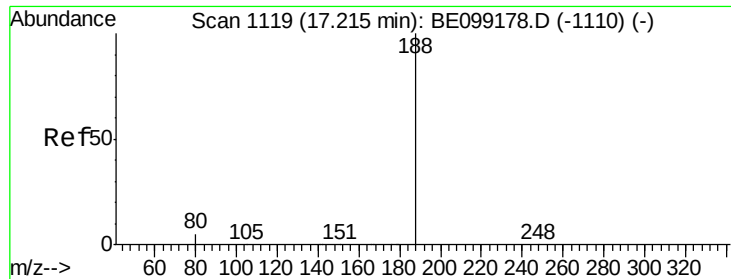


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PB118350BS

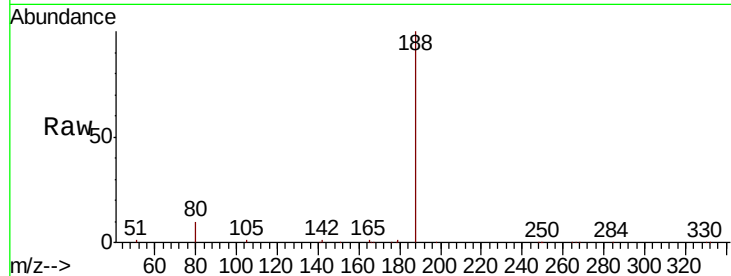
Tgt Ion:188 Resp: 28992

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

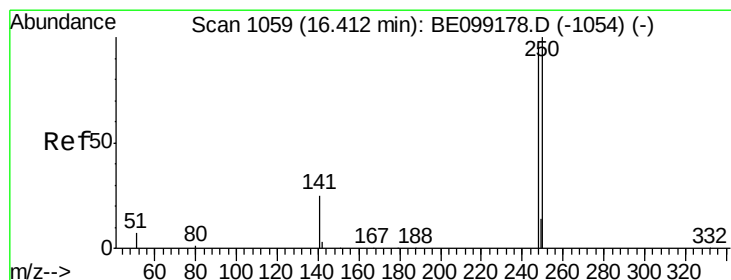
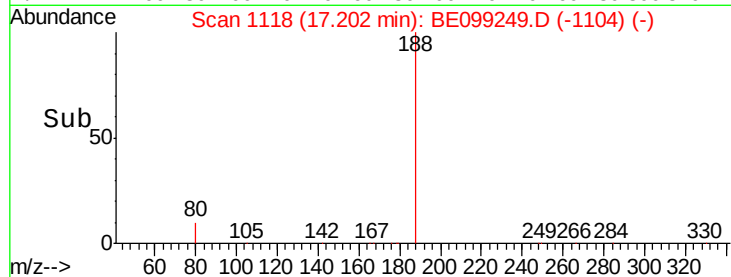
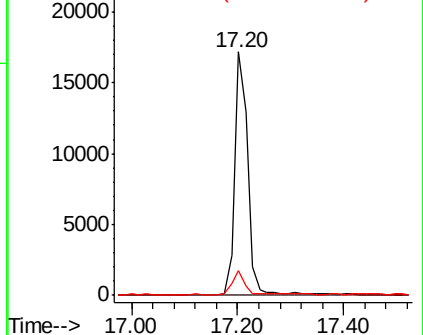
80 10.4 4.5 6.7#



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: 0.287 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

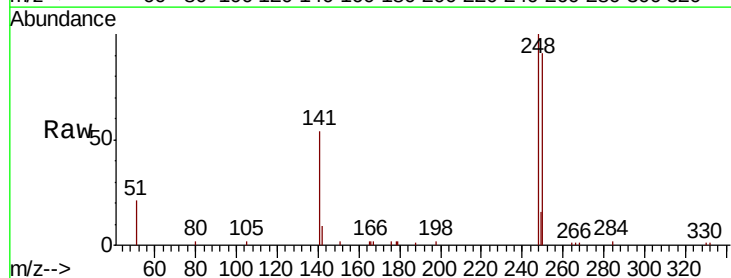
Tgt Ion:248 Resp: 5361

Ion Ratio Lower Upper

248 100

250 91.0 84.2 126.2

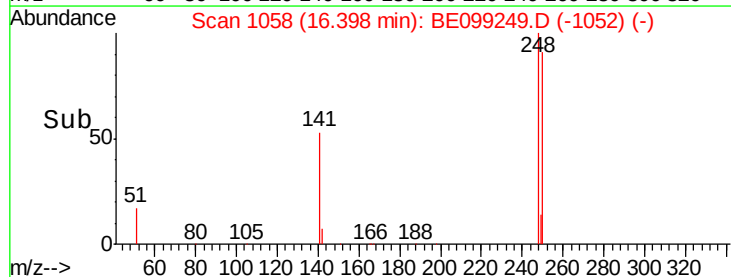
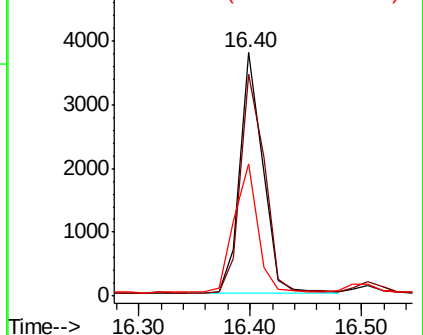
141 54.2 21.8 32.6#

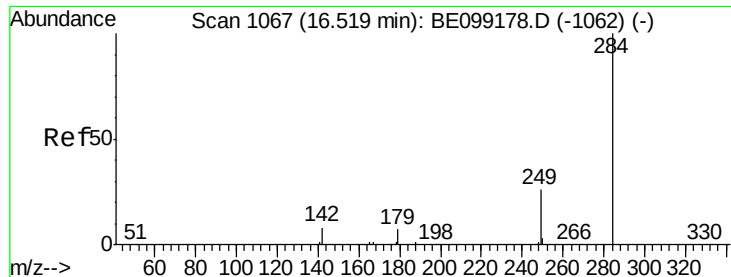


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.287 ng

RT: 16.51 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PB118350BS

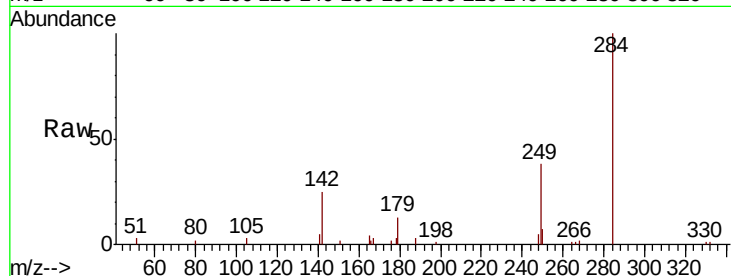
Tgt Ion:284 Resp: 5184

Ion Ratio Lower Upper

284 100

142 27.9 22.7 34.1

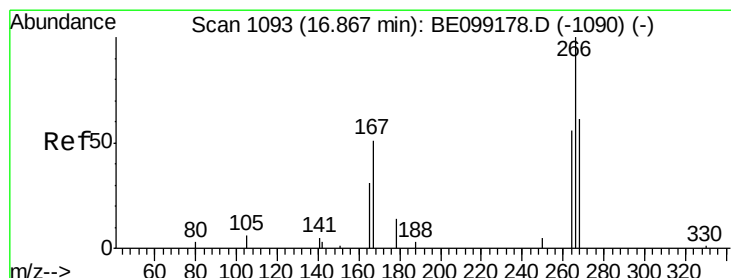
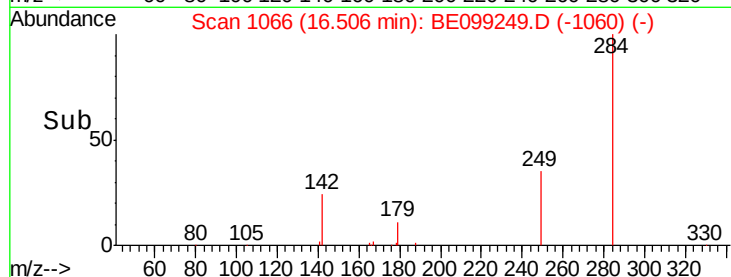
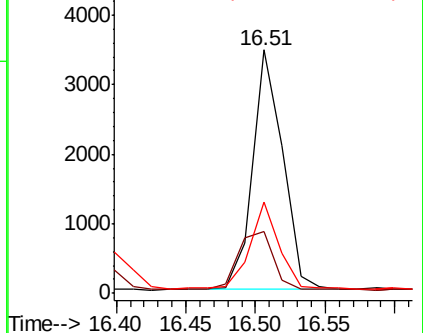
249 33.7 26.9 40.3



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: 0.417 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

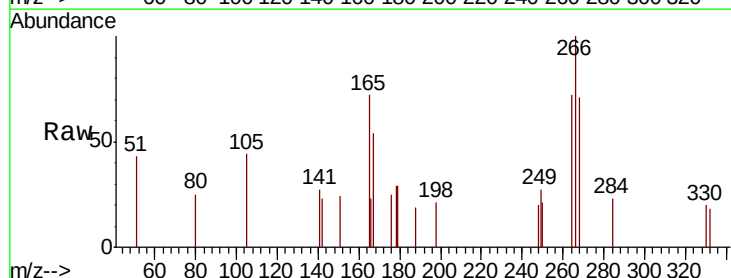
Tgt Ion:266 Resp: 473

Ion Ratio Lower Upper

266 100

264 72.1 54.4 81.6

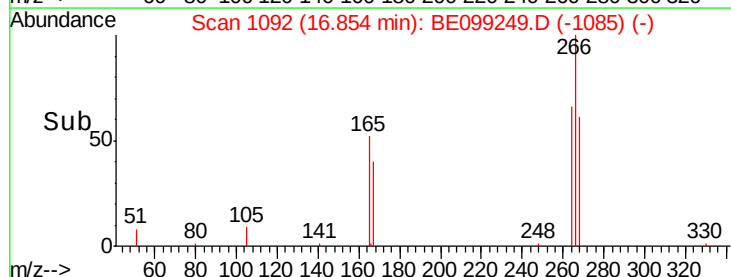
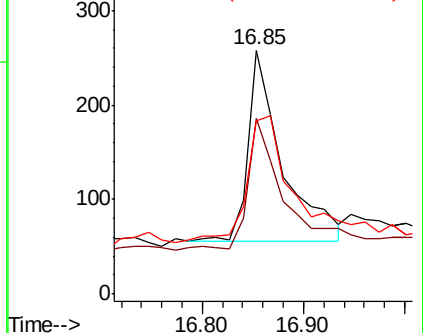
268 70.9 61.3 91.9

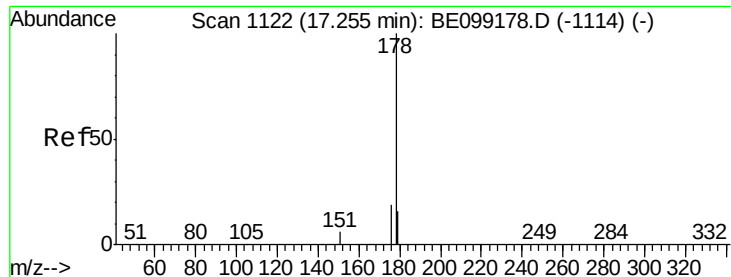


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.314 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PB118350BS

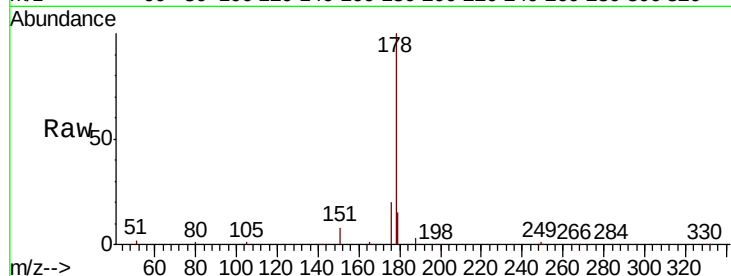
Tgt Ion:178 Resp: 26706

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

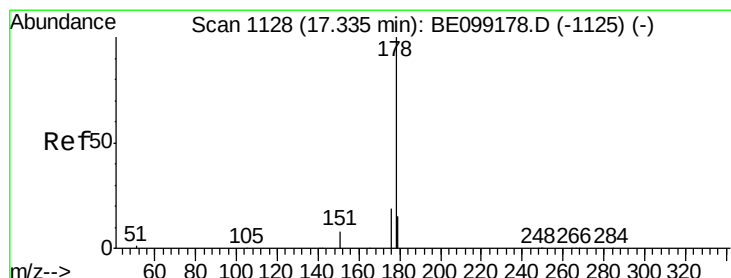
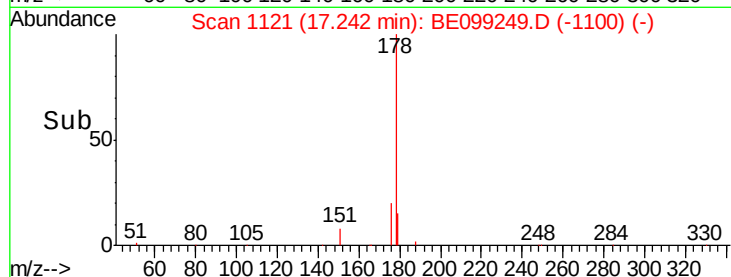
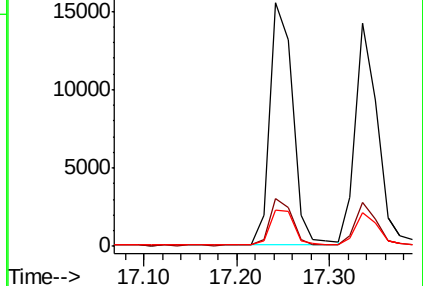
179 15.5 12.3 18.5



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



#24

Anthracene

Concen: 0.294 ng

RT: 17.34 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

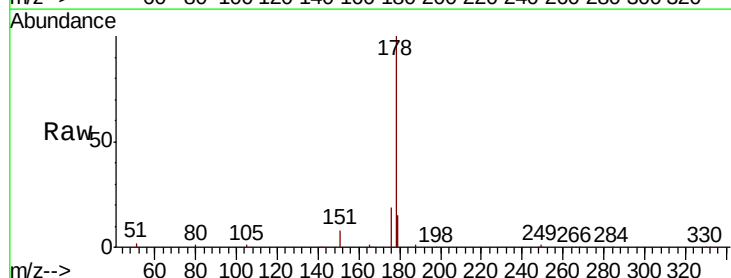
Tgt Ion:178 Resp: 22640

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

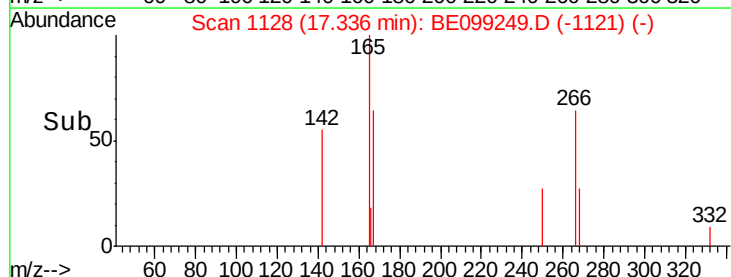
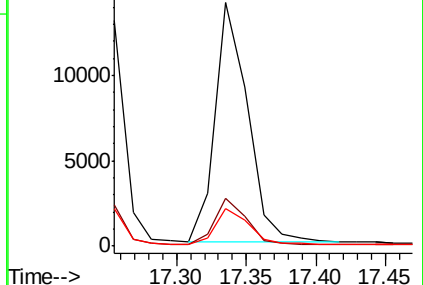
179 15.2 12.4 18.6

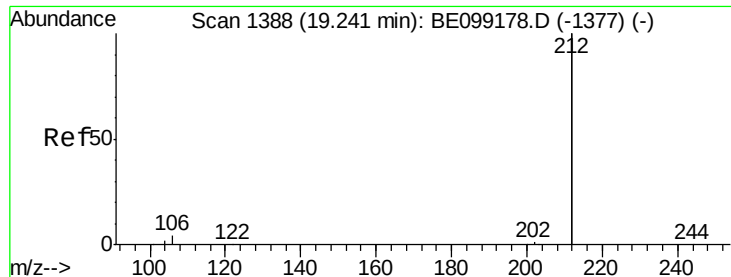


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.347 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PB118350BS

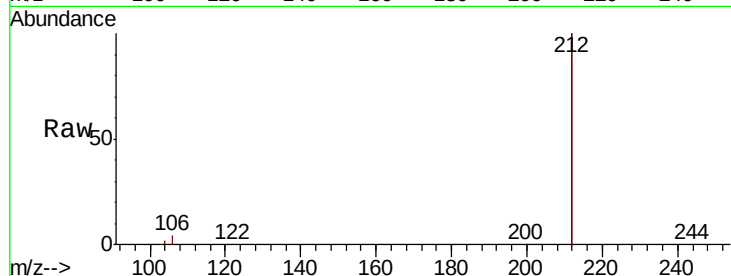
Tgt Ion:212 Resp: 121969

Ion Ratio Lower Upper

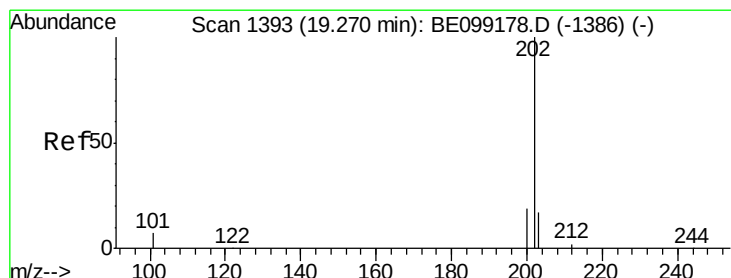
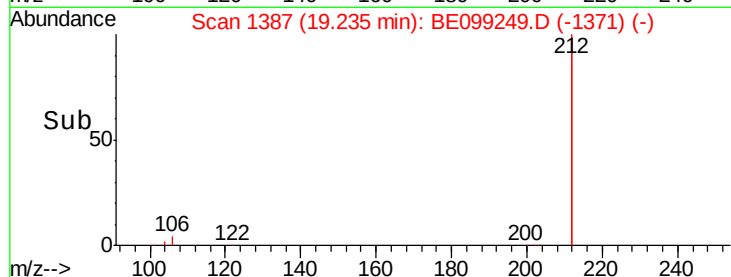
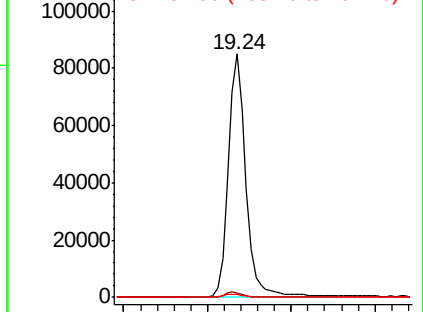
212 100

106 2.2 1.8 2.8

104 1.2 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: 0.330 ng

RT: 19.26 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

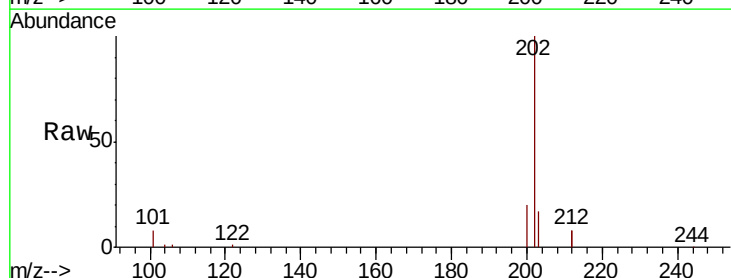
Tgt Ion:202 Resp: 35811

Ion Ratio Lower Upper

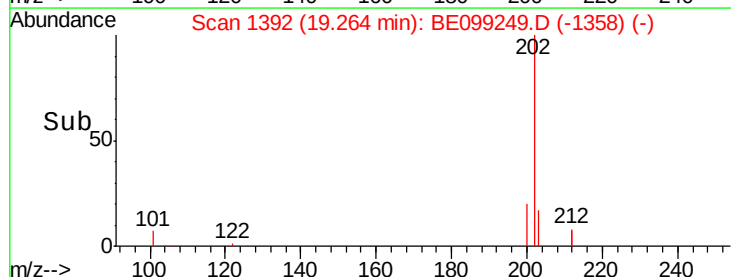
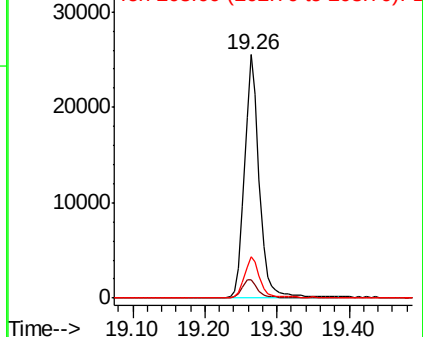
202 100

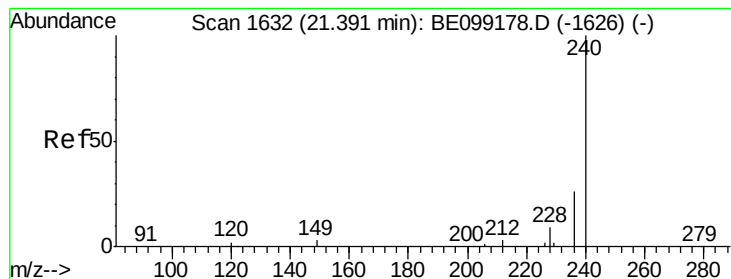
101 7.6 7.0 10.4

203 17.2 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: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PB118350BS

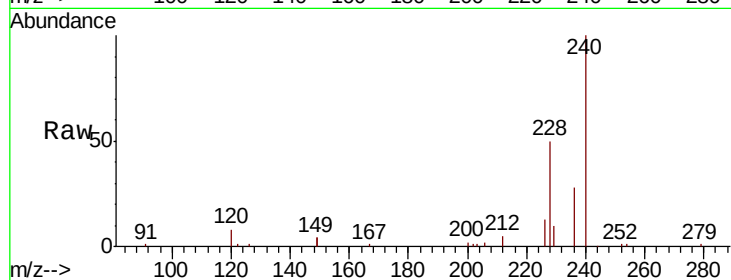
Tgt Ion:240 Resp: 33898

Ion Ratio Lower Upper

240 100

120 7.8 2.6 3.8#

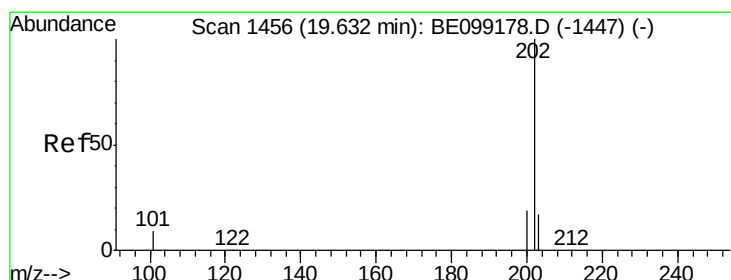
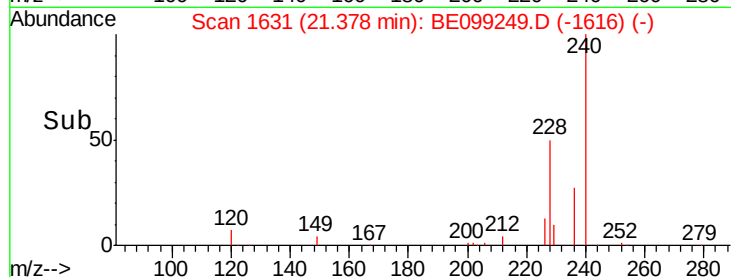
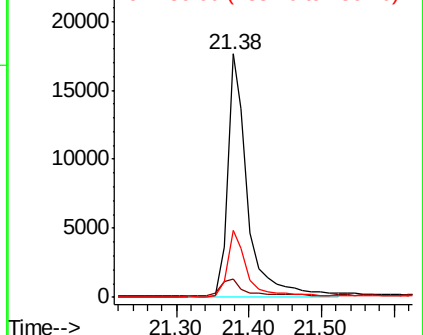
236 27.7 20.9 31.3



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: 0.333 ng

RT: 19.63 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

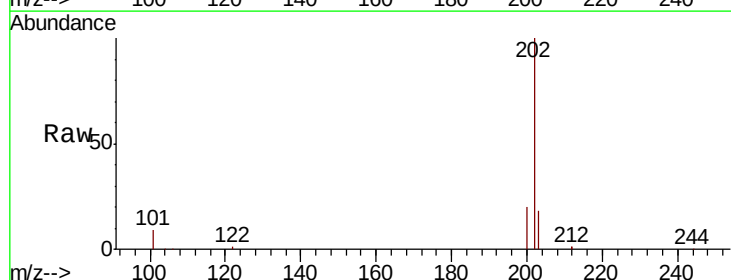
Tgt Ion:202 Resp: 37467

Ion Ratio Lower Upper

202 100

200 19.5 15.8 23.8

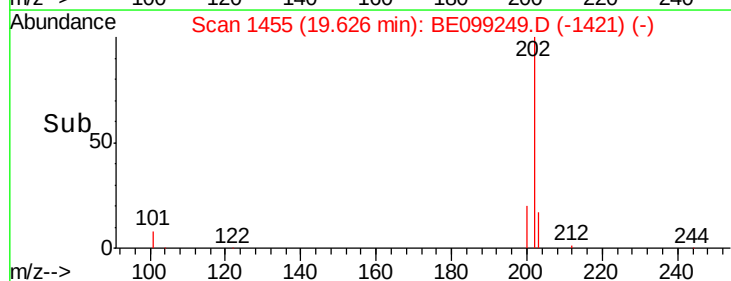
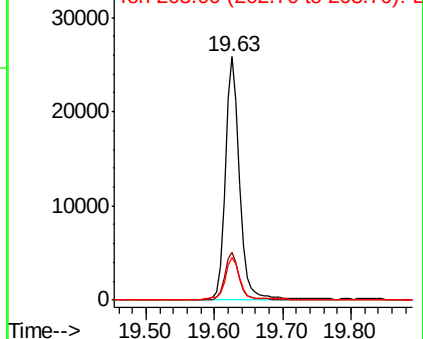
203 18.0 14.1 21.1

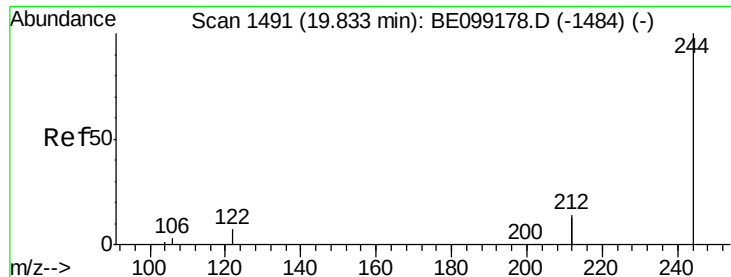


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.331 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.00 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PB118350BS

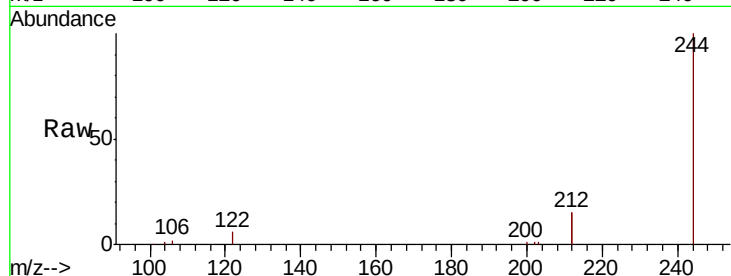
Tgt Ion:244 Resp: 24391

Ion Ratio Lower Upper

244 100

212 29.4 22.7 34.1

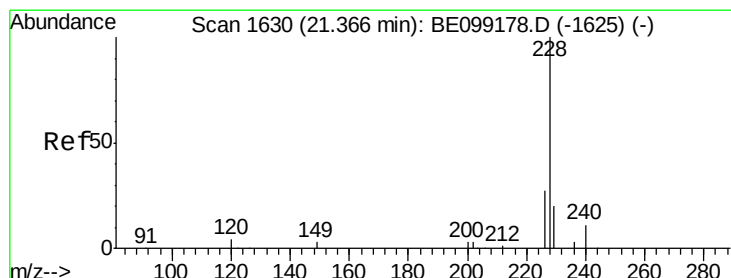
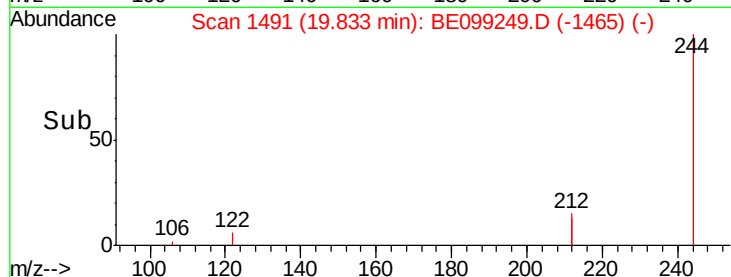
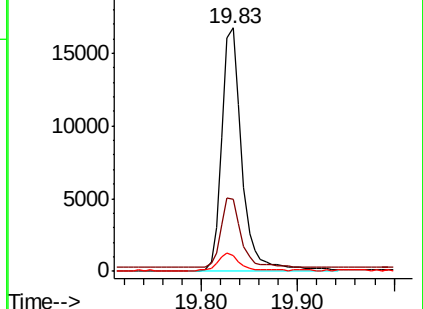
122 6.5 5.8 8.6



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: 0.274 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

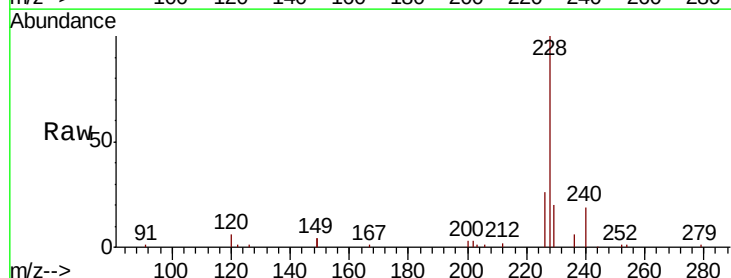
Tgt Ion:228 Resp: 30700

Ion Ratio Lower Upper

228 100

226 26.0 21.7 32.5

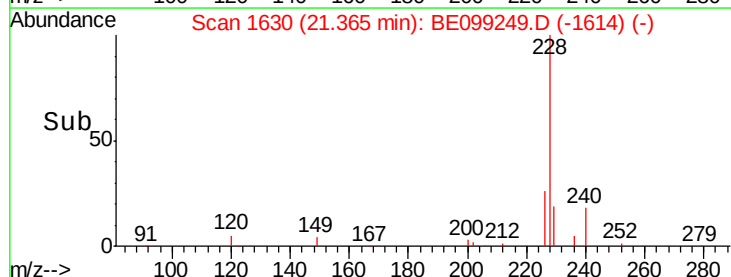
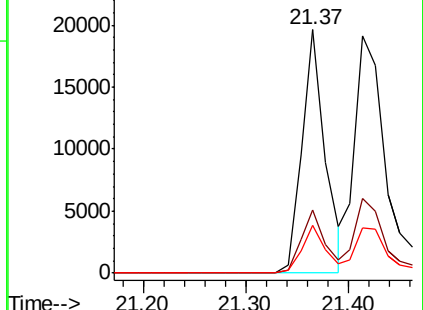
229 19.7 15.9 23.9

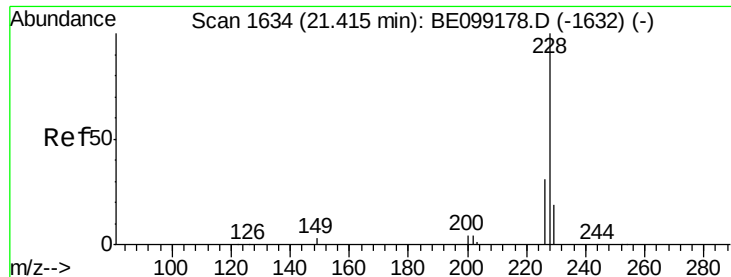


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.305 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PB118350BS

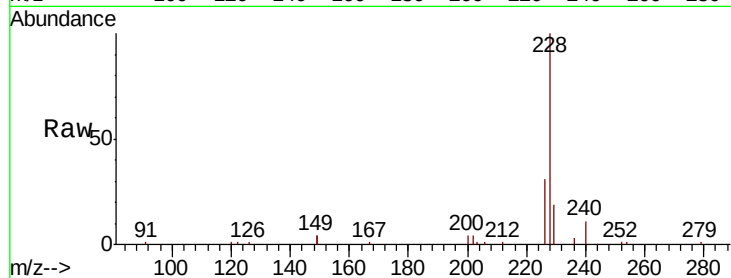
Tgt Ion:228 Resp: 36472

Ion Ratio Lower Upper

228 100

226 31.5 24.8 37.2

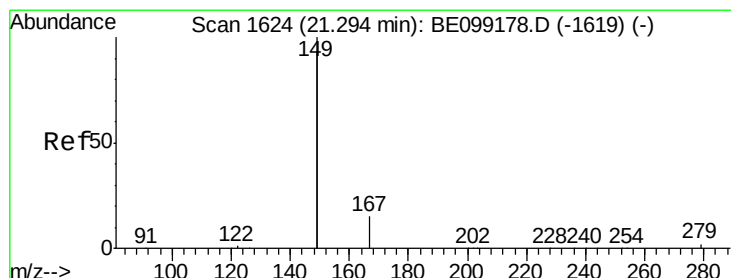
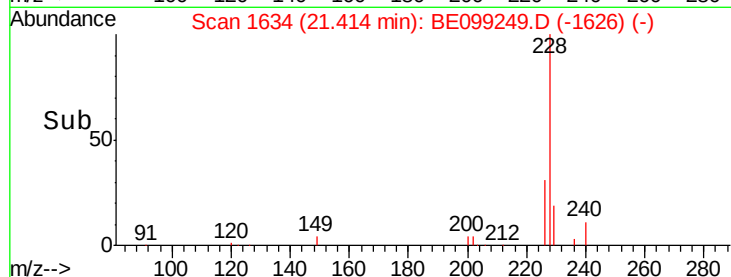
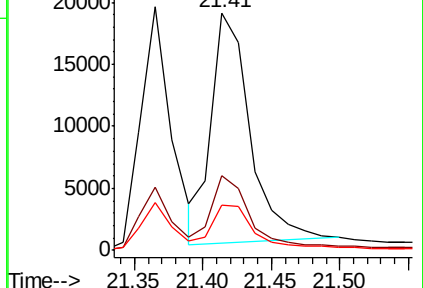
229 19.0 15.4 23.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.237 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

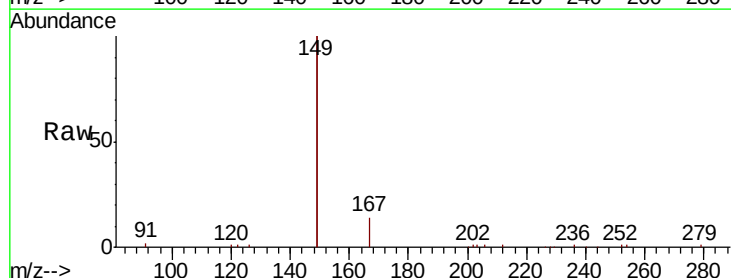
Tgt Ion:149 Resp: 31585

Ion Ratio Lower Upper

149 100

167 7.0 5.9 8.9

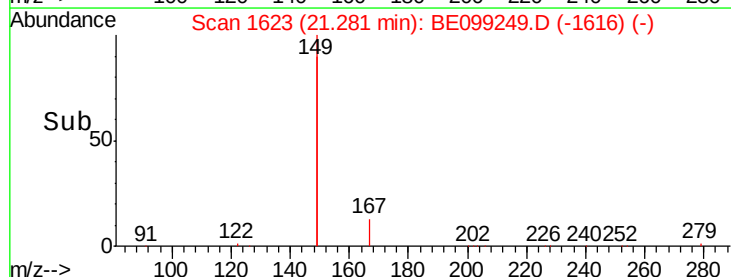
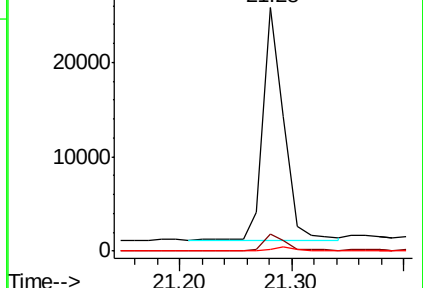
279 1.3 1.0 1.6

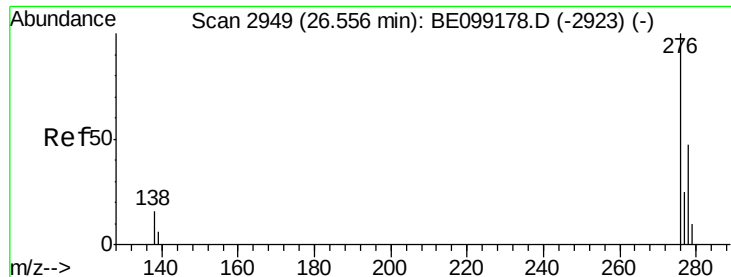


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.126 ng

RT: 26.55 min Scan# 2948

Delta R.T. -0.00 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PB118350BS

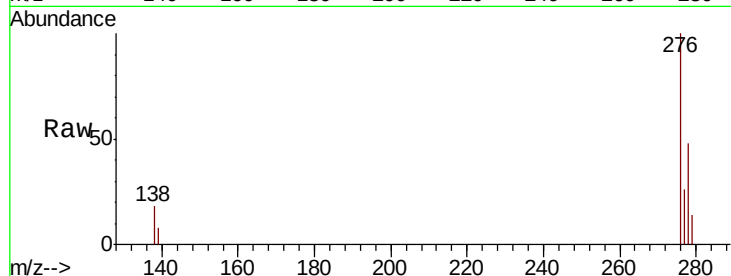
Tgt Ion:276 Resp: 14216

Ion Ratio Lower Upper

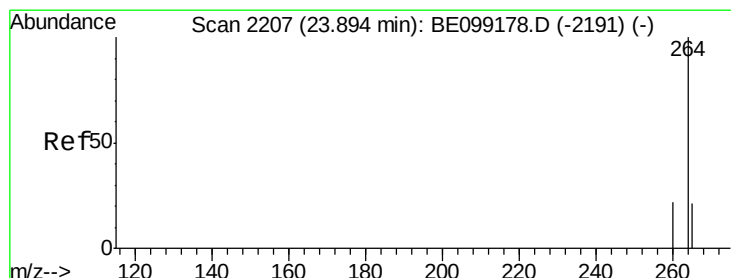
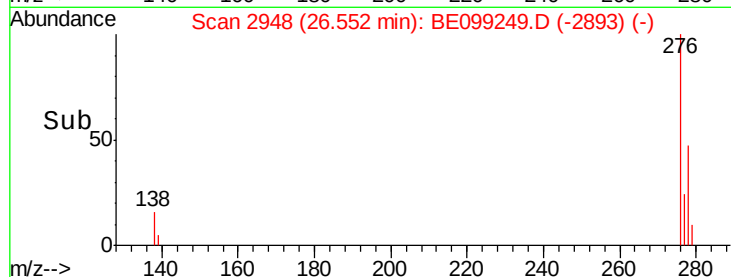
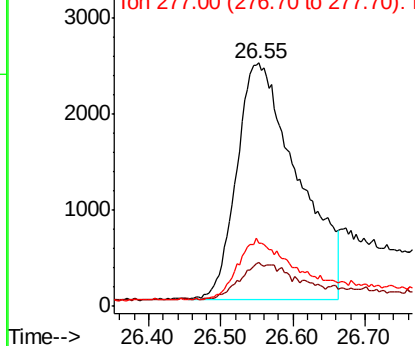
276 100

138 6.1 12.9 19.3#

277 24.3 18.3 27.5



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: 23.89 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

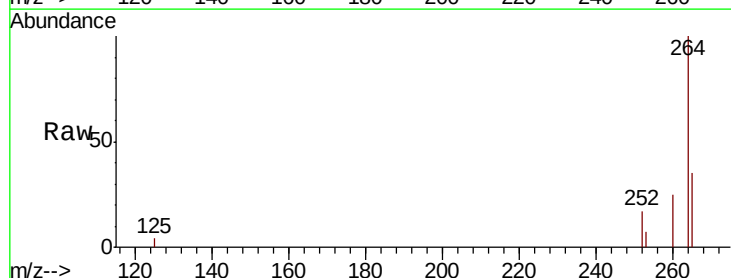
Tgt Ion:264 Resp: 23965

Ion Ratio Lower Upper

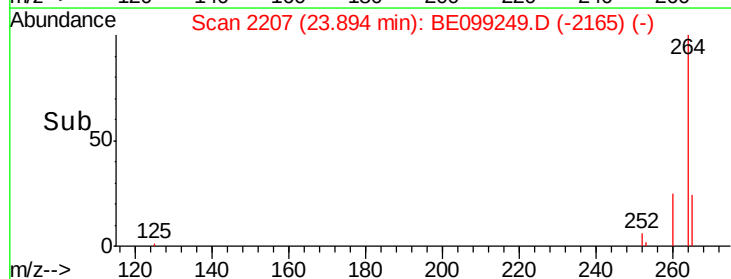
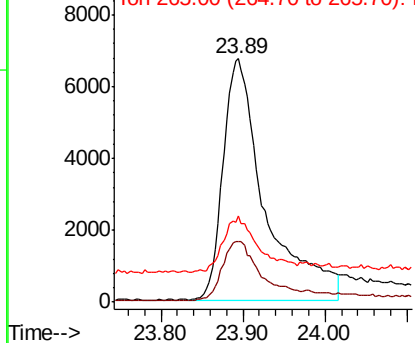
264 100

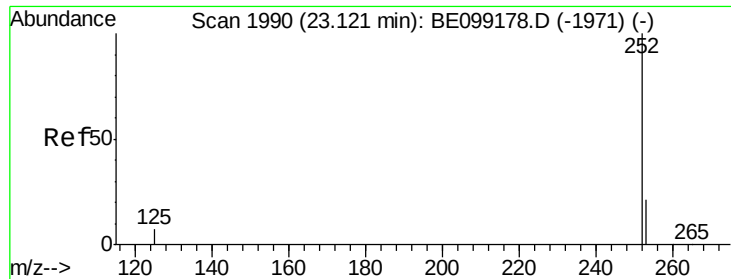
260 25.1 18.2 27.2

265 35.5 21.8 32.8#



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: 0.386 ng

RT: 23.17 min Scan# 2003

Delta R.T. 0.05 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PB118350BS

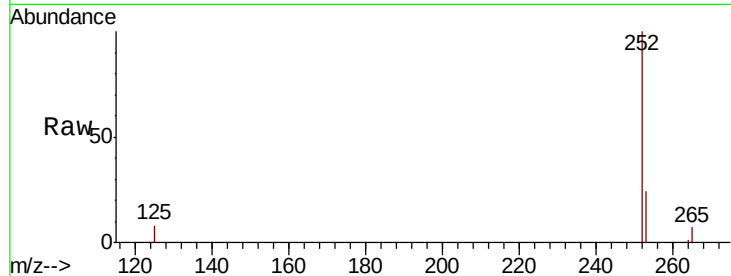
Tgt Ion:252 Resp: 30413

Ion Ratio Lower Upper

252 100

253 23.8 17.8 26.8

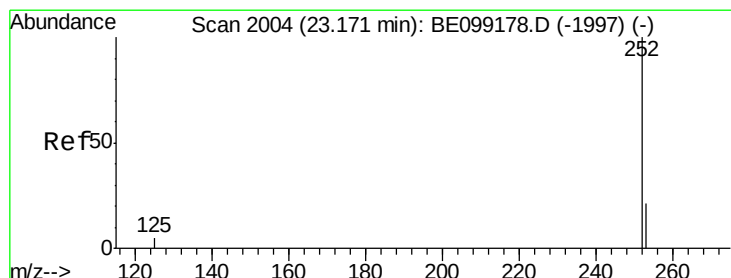
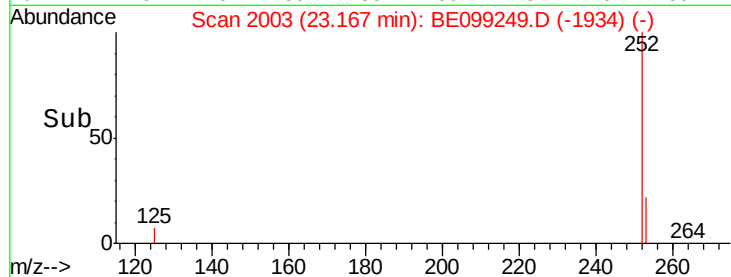
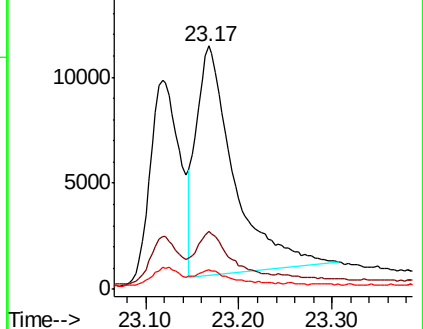
125 8.3 6.1 9.1



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: 0.395 ng

RT: 23.17 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

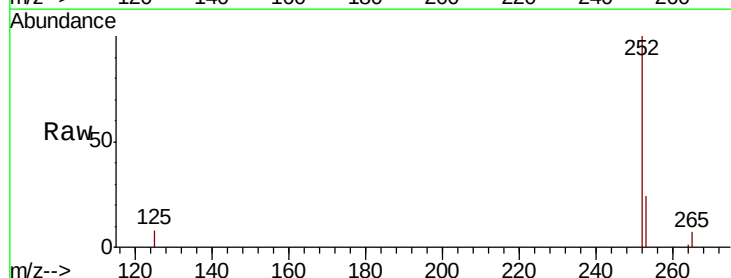
Tgt Ion:252 Resp: 32966

Ion Ratio Lower Upper

252 100

253 23.8 17.8 26.6

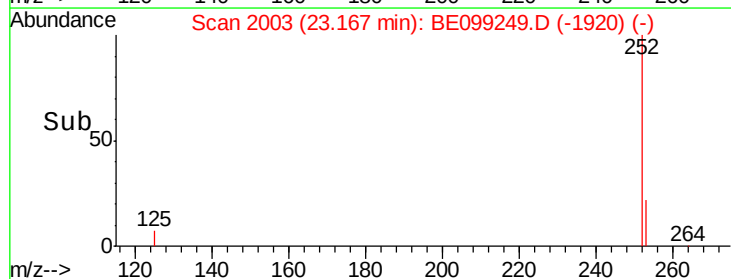
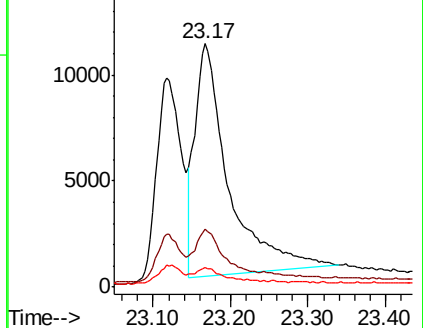
125 8.3 5.9 8.9

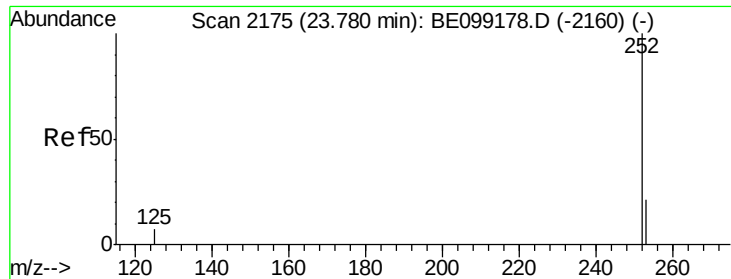


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.319 ng

RT: 23.78 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PB118350BS

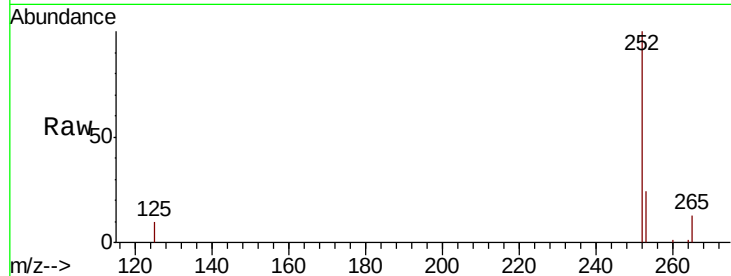
Tgt Ion:252 Resp: 23485

Ion Ratio Lower Upper

252 100

253 23.6 18.1 27.1

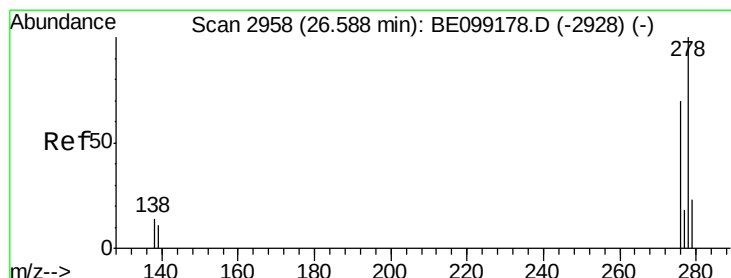
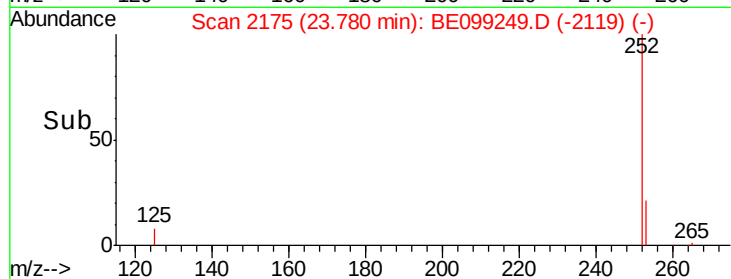
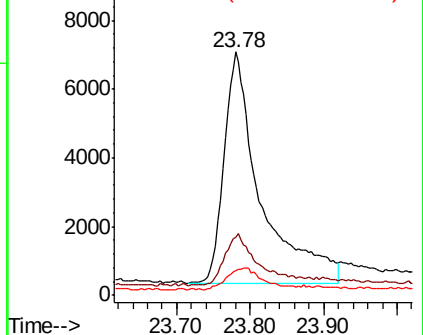
125 10.0 6.8 10.2



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



#38

Dibenzo(a,h)anthracene

Concen: 0.142 ng

RT: 26.57 min Scan# 2954

Delta R.T. -0.02 min

Lab File: BE099249.D

Acq: 29 Mar 2019 11:29

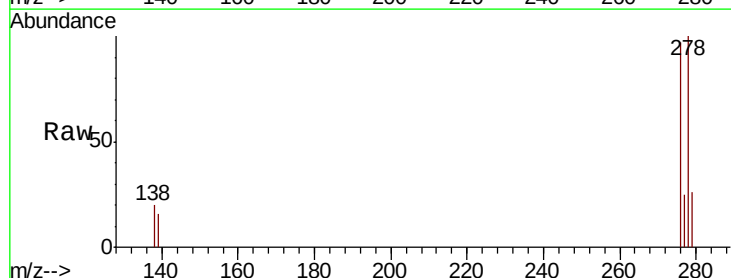
Tgt Ion:278 Resp: 9306

Ion Ratio Lower Upper

278 100

139 15.8 9.5 14.3#

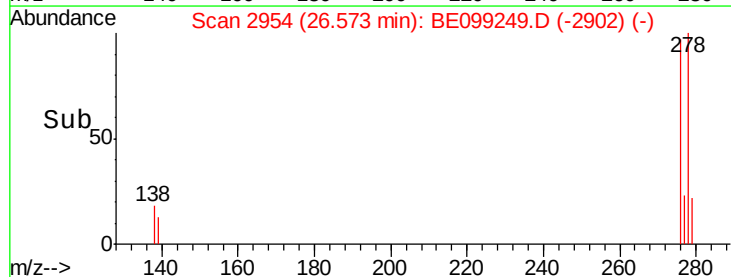
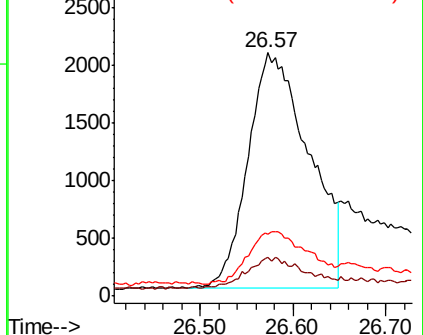
279 25.6 19.1 28.7

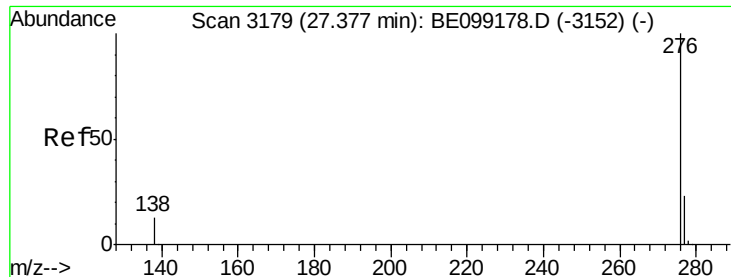


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.194 ng

RT: 27.37 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BE099249.D

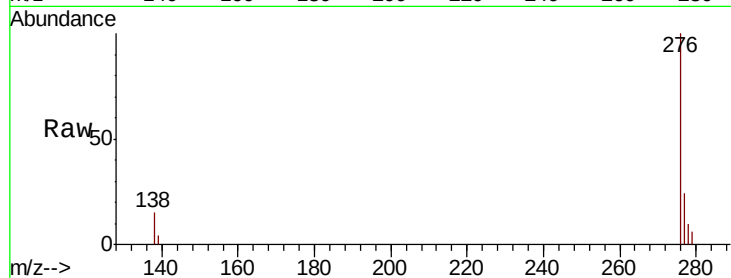
Acq: 29 Mar 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PB118350BS



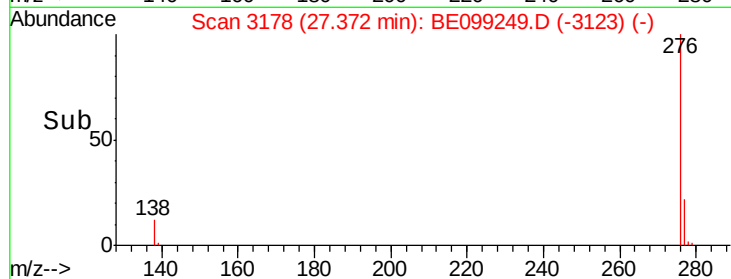
Tgt Ion: 276 Resp: 12726

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.4

138 15.3 11.1 16.7



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

