

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032519\
 Data File : BE099186.D
 Acq On : 25 Mar 2019 18:59
 Operator : JU/SJ
 Sample : PB118226BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB118226BS

Quant Time: Mar 26 07:08:16 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	7.84	152	3948	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	14019	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	8763	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	28249	0.40	ng	0.00
27) Chrysene-d12	21.38	240	36403	0.40	ng	-0.01
34) Perylene-d12	23.89	264	34270	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	3799	0.32	ng	0.00
5) Phenol-d6	6.99	99	4908	0.27	ng	0.00
8) Nitrobenzene-d5	8.99	82	3478	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	11305	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1011	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	11914	0.33	ng	0.00
25) Fluoranthene-d10	19.24	212	119339	0.35	ng	0.00
29) Terphenyl-d14	19.83	244	23470	0.30	ng	0.00

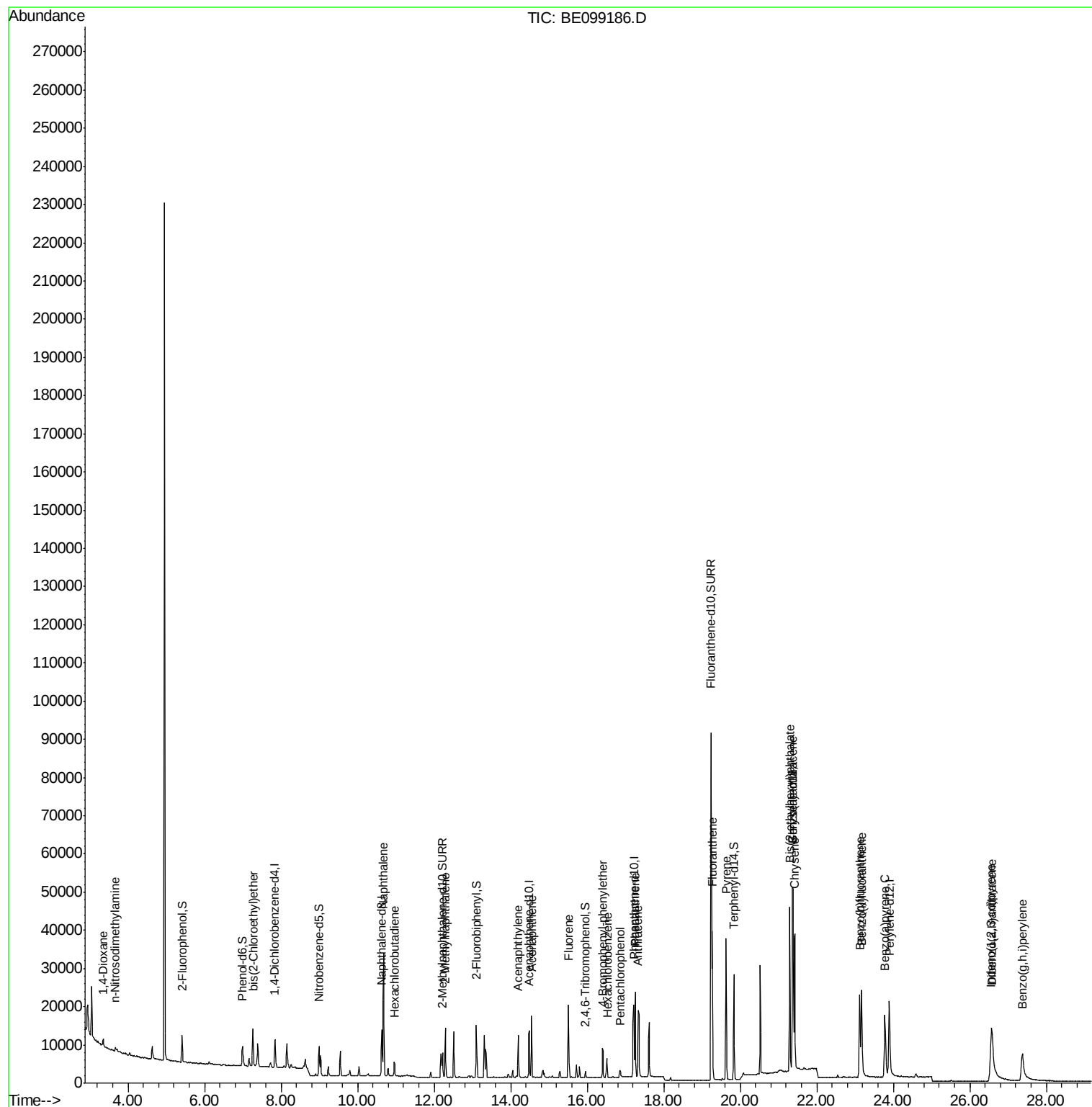
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	1394	0.268	ng	# 57
3) n-Nitrosodimethylamine	3.67	42	946	0.325	ng	# 93
6) bis(2-Chloroethyl)ether	7.27	93	4113	0.290	ng	98
9) Naphthalene	10.68	128	50747	0.307	ng	100
10) Hexachlorobutadiene	10.95	225	2884	0.327	ng	97
12) 2-Methylnaphthalene	12.29	142	8419	0.285	ng	99
16) Acenaphthylene	14.20	152	12603	0.282	ng	100
17) Acenaphthene	14.54	154	7819	0.293	ng	99
18) Fluorene	15.51	166	11594	0.309	ng	97
20) 4-Bromophenyl-phenylether	16.41	248	4486	0.246	ng	97
21) Hexachlorobenzene	16.52	284	4396	0.250	ng	98
22) Pentachlorophenol	16.85	266	1371	0.744	ng	87
23) Phenanthrene	17.25	178	24184	0.292	ng	99
24) Anthracene	17.34	178	22022	0.294	ng	99
26) Fluoranthene	19.27	202	34808	0.329	ng	100
28) Pyrene	19.63	202	35816	0.296	ng	100
30) Benzo(a)anthracene	21.37	228	36355	0.303	ng	99
31) Chrysene	21.43	228	37712	0.294	ng	96
32) Bis(2-ethylhexyl)phthalate	21.29	149	44114	0.308	ng	100
33) Indeno(1,2,3-cd)pyrene	26.55	276	32364	0.266	ng	97
35) Benzo(b)fluoranthene	23.12	252	33412	0.296	ng	98
36) Benzo(k)fluoranthene	23.17	252	37911	0.318	ng	99
37) Benzo(a)pyrene	23.78	252	32268	0.306	ng	99
38) Dibenzo(a,h)anthracene	26.58	278	27478	0.294	ng	98
39) Benzo(g,h,i)perylene	27.37	276	24586	0.262	ng	# 96

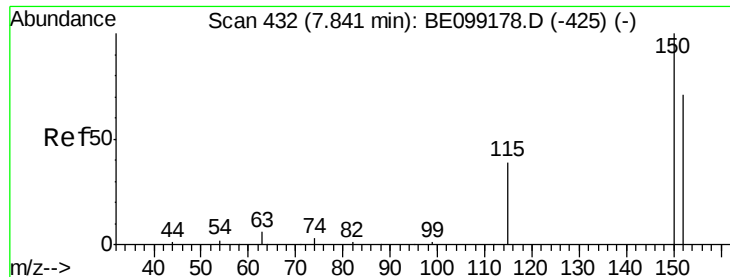
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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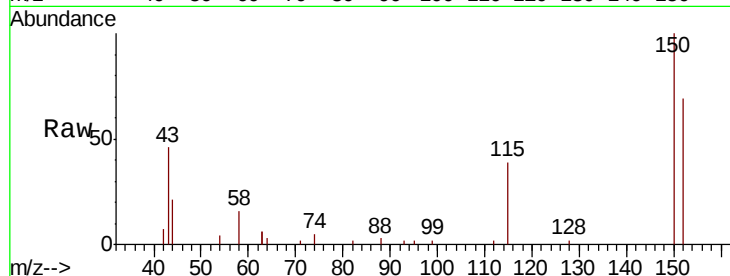


#1

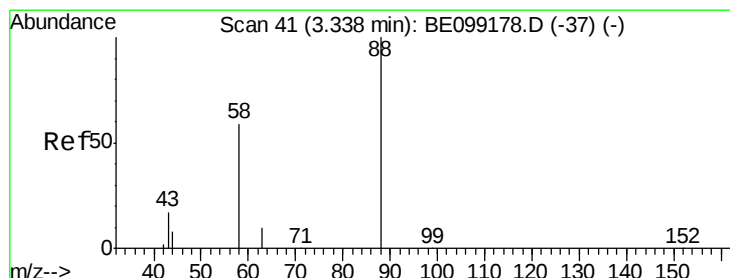
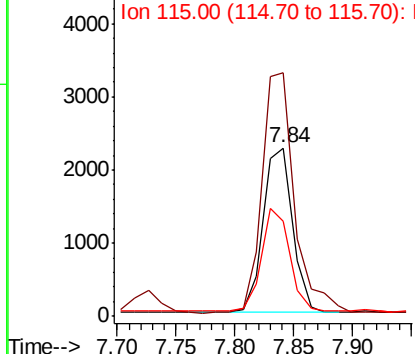
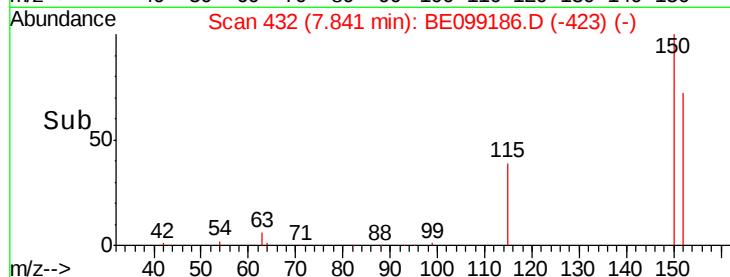
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. 0.00 min
Lab File: BE099186.D
Acq: 25 Mar 2019 18:59

Instrument :
BNA_E
ClientSampleId :
PB118226BS

Tgt Ion: 152 Resp: 3948
Ion Ratio Lower Upper
152 100
150 144.4 112.8 169.2
115 56.5 45.1 67.7



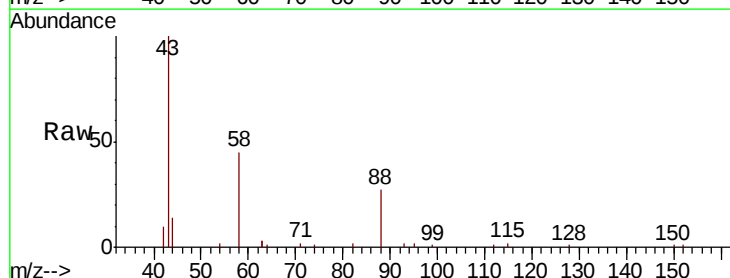
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



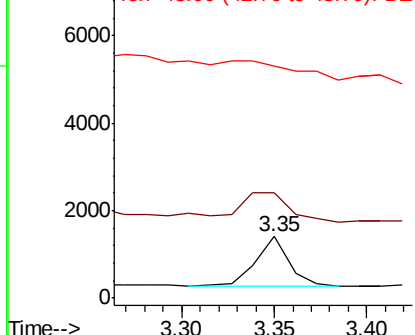
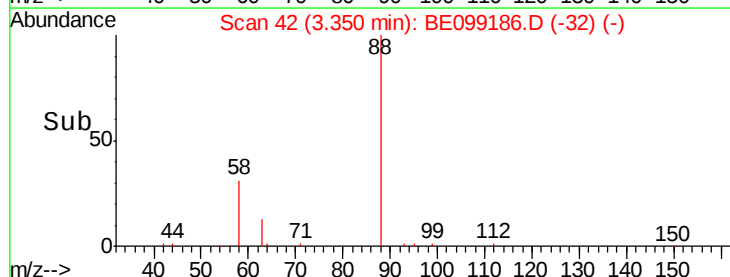
#2

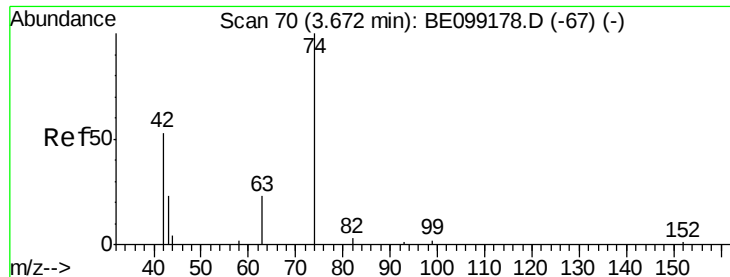
1,4-Dioxane
Concen: 0.268 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.01 min
Lab File: BE099186.D
Acq: 25 Mar 2019 18:59

Tgt Ion: 88 Resp: 1394
Ion Ratio Lower Upper
88 100
58 91.6 47.4 71.0#
43 0.0 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: 0.325 ng

RT: 3.67 min Scan# 70

Delta R.T. 0.00 min

Lab File: BE099186.D

Acq: 25 Mar 2019 18:59

Instrument :

BNA_E

ClientSampleId :

PB118226BS

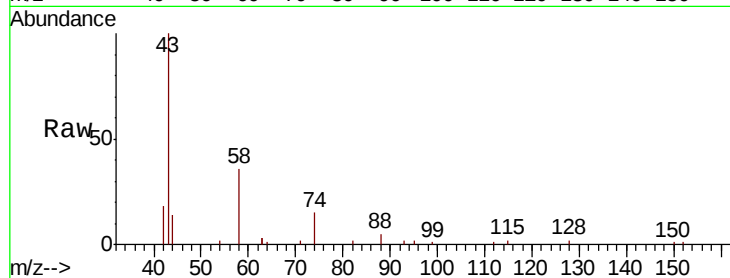
Tgt Ion: 42 Resp: 946

Ion Ratio Lower Upper

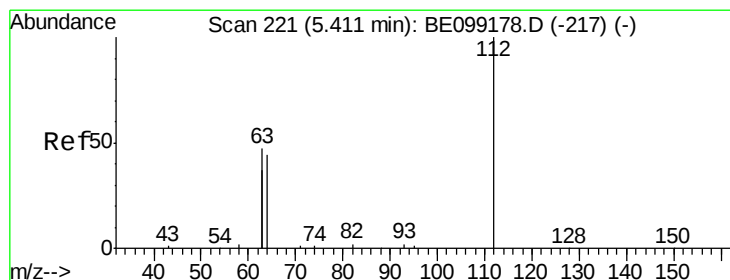
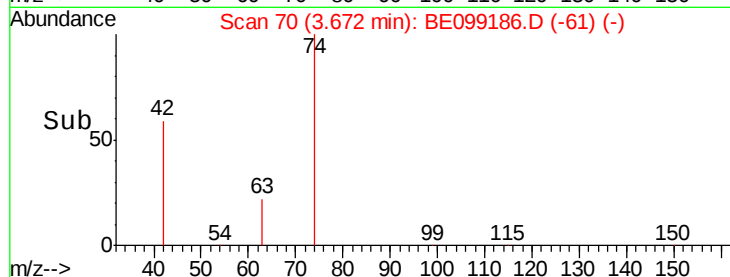
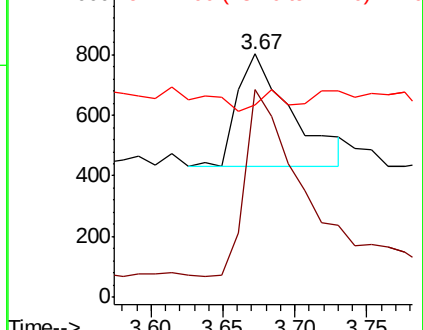
42 100

74 166.5 138.6 207.8

44 8.7 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



#4

2-Fluorophenol

Concen: 0.322 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.00 min

Lab File: BE099186.D

Acq: 25 Mar 2019 18:59

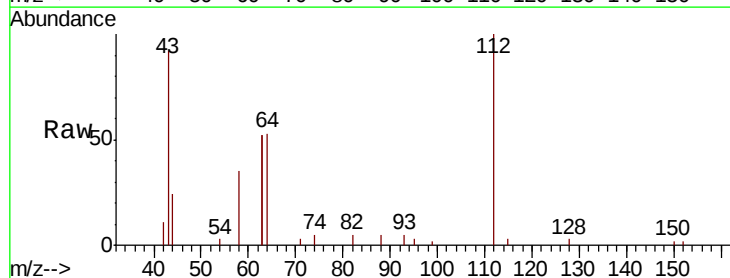
Tgt Ion: 112 Resp: 3799

Ion Ratio Lower Upper

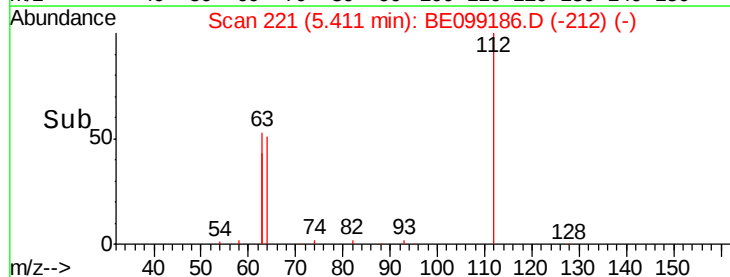
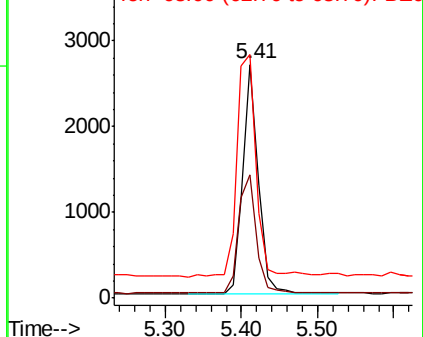
112 100

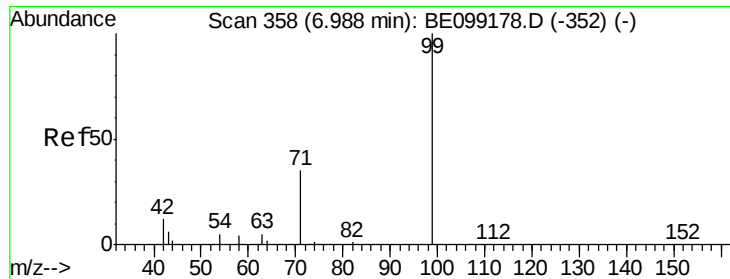
64 59.4 46.2 69.2

63 120.5 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





#5

Phenol-d6

Concen: 0.272 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099186.D

Acq: 25 Mar 2019 18:59

Instrument :

BNA_E

ClientSampleId :

PB118226BS

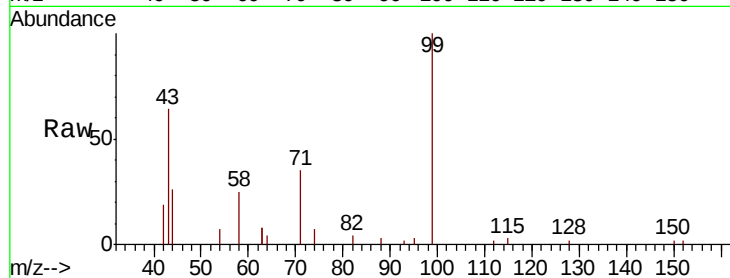
Tgt Ion: 99 Resp: 4908

Ion Ratio Lower Upper

99 100

42 15.3 12.4 18.6

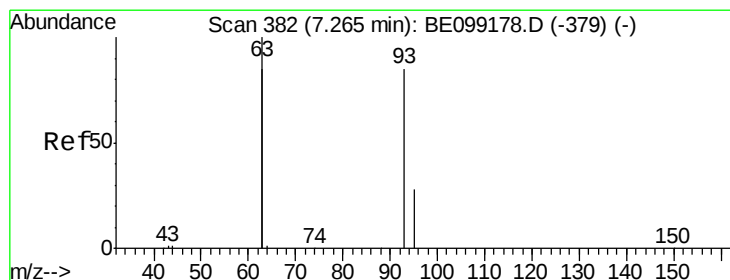
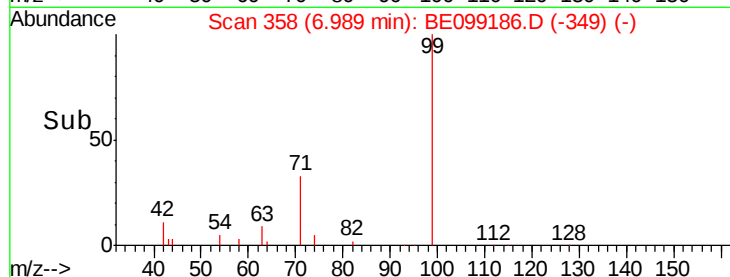
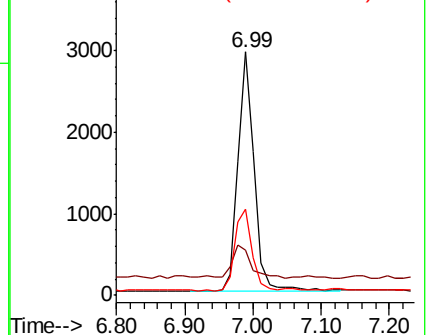
71 36.1 28.4 42.6



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: 0.290 ng

RT: 7.27 min Scan# 382

Delta R.T. 0.00 min

Lab File: BE099186.D

Acq: 25 Mar 2019 18:59

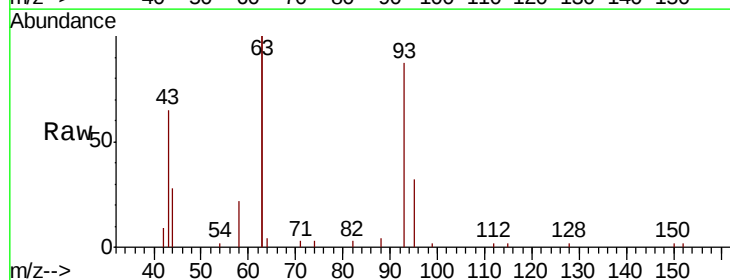
Tgt Ion: 93 Resp: 4113

Ion Ratio Lower Upper

93 100

63 273.2 221.4 332.0

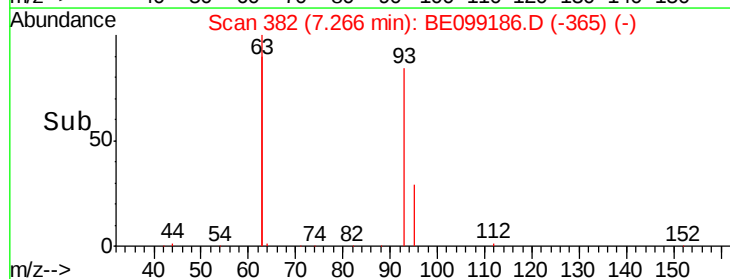
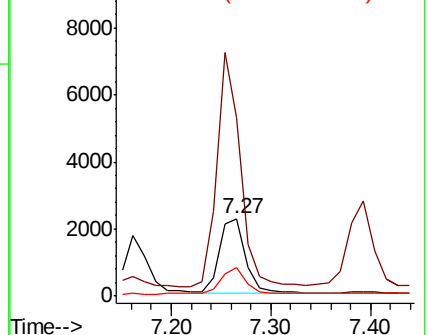
95 31.1 25.8 38.8

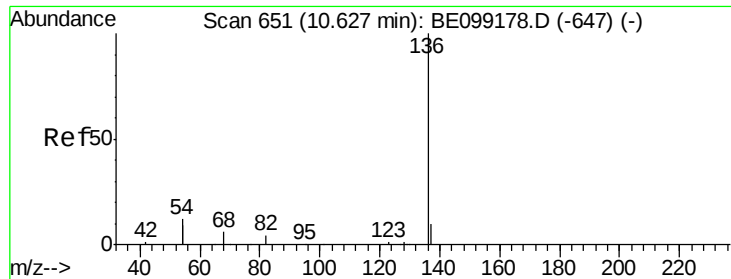


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099186.D

Acq: 25 Mar 2019 18:59

Instrument :

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ClientSampleId :

PB118226BS

Tgt Ion:136 Resp: 14019

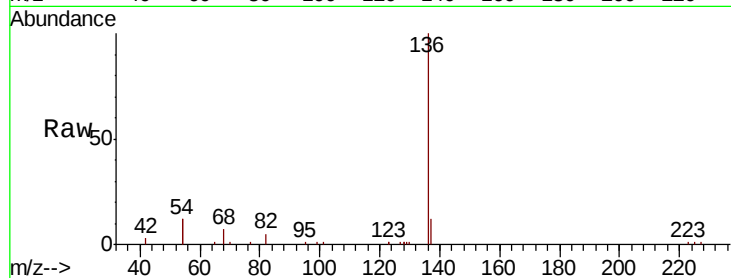
Ion Ratio Lower Upper

136 100

137 11.9 8.7 13.1

54 24.6 18.7 28.1

68 6.8 5.2 7.8

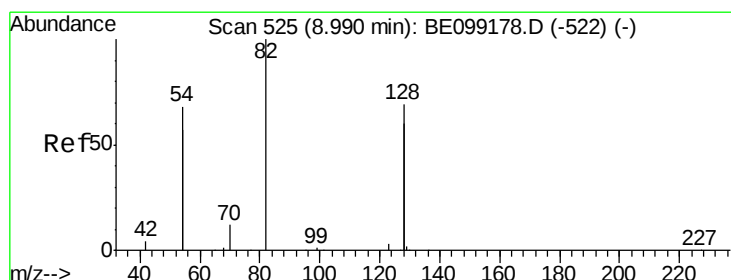
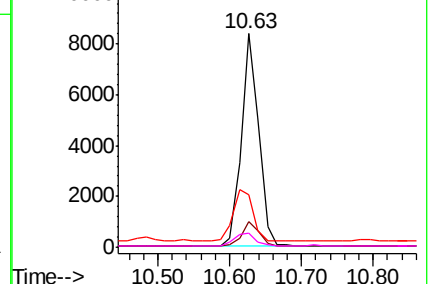
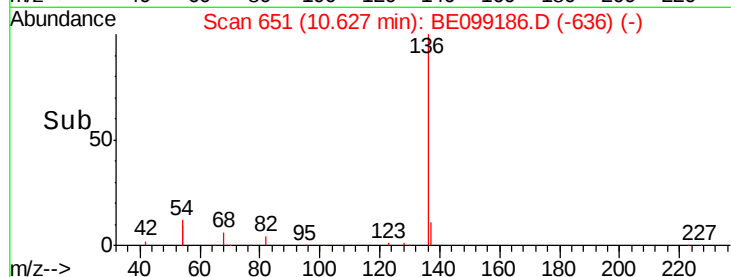


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.304 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE099186.D

Acq: 25 Mar 2019 18:59

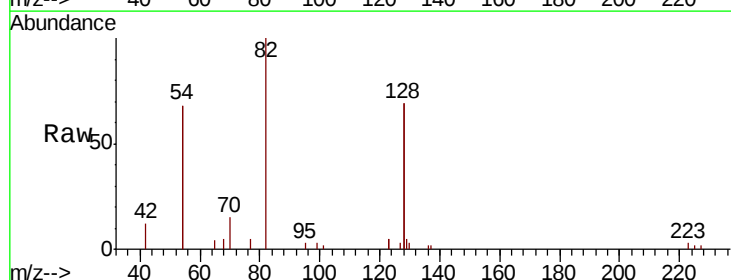
Tgt Ion: 82 Resp: 3478

Ion Ratio Lower Upper

82 100

128 137.8 107.5 161.3

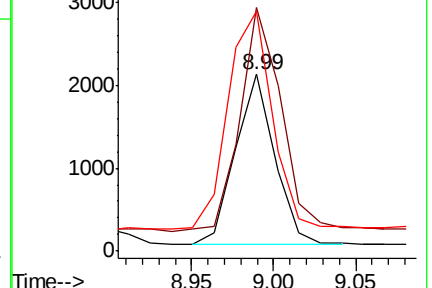
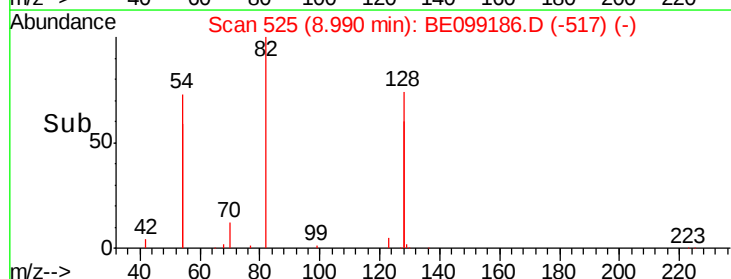
54 135.7 106.3 159.5

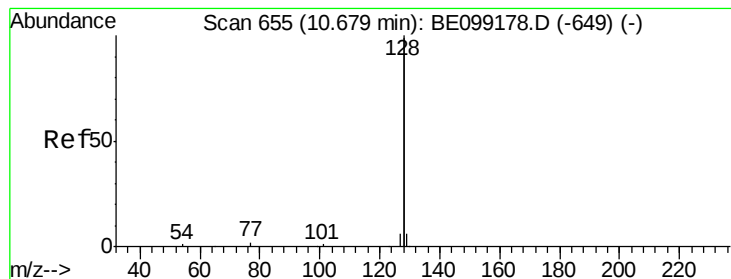


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.307 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE099186.D

Acq: 25 Mar 2019 18:59

Instrument :

BNA_E

ClientSampleId :

PB118226BS

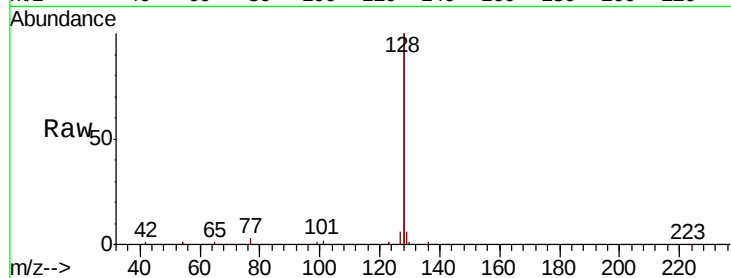
Tgt Ion:128 Resp: 50747

Ion Ratio Lower Upper

128 100

129 2.8 2.3 3.5

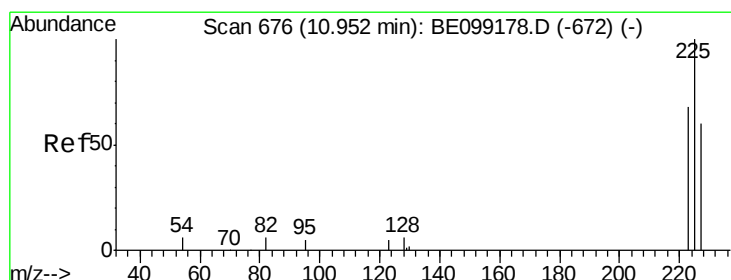
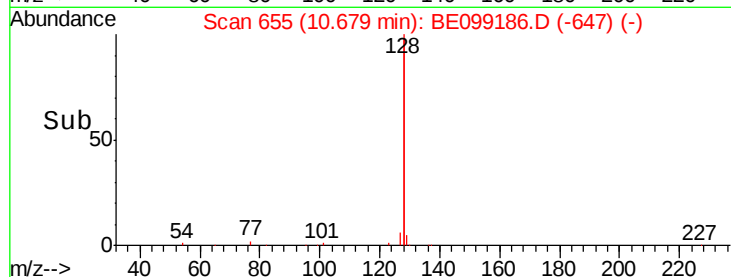
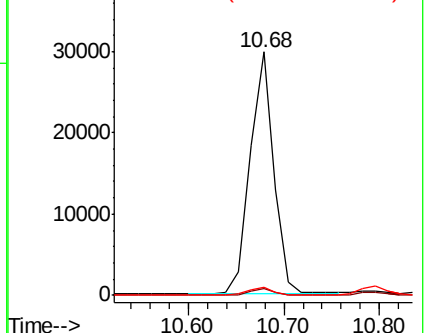
127 3.2 2.6 3.8



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: 0.327 ng

RT: 10.95 min Scan# 676

Delta R.T. -0.00 min

Lab File: BE099186.D

Acq: 25 Mar 2019 18:59

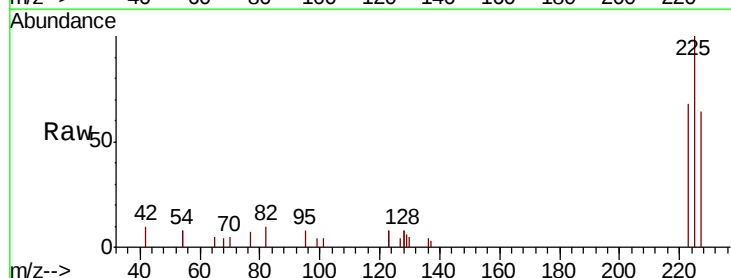
Tgt Ion:225 Resp: 2884

Ion Ratio Lower Upper

225 100

223 60.7 51.3 76.9

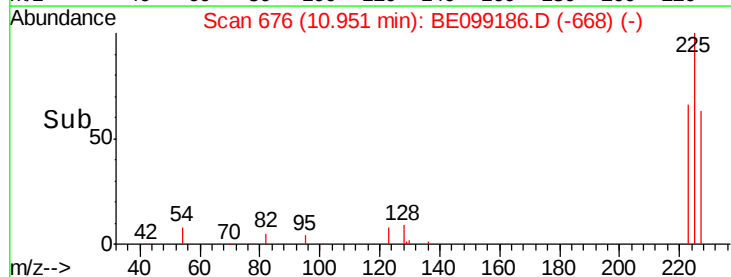
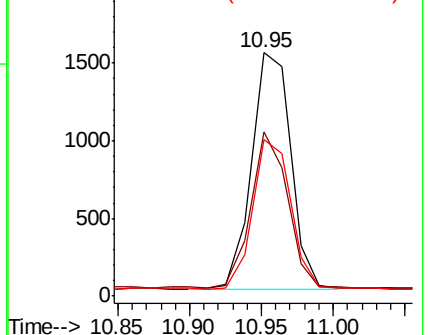
227 61.2 48.6 73.0

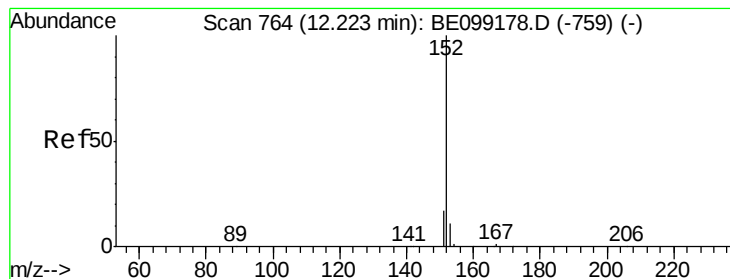


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.419 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099186.D

Acq: 25 Mar 2019 18:59

Instrument :

BNA_E

ClientSampleId :

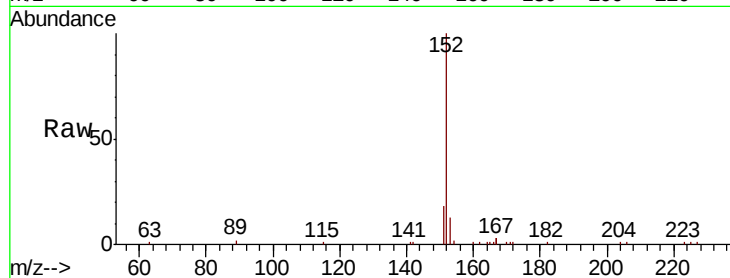
PB118226BS

Tgt Ion:152 Resp: 11305

Ion Ratio Lower Upper

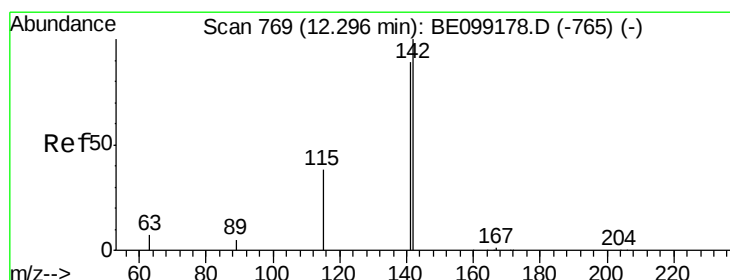
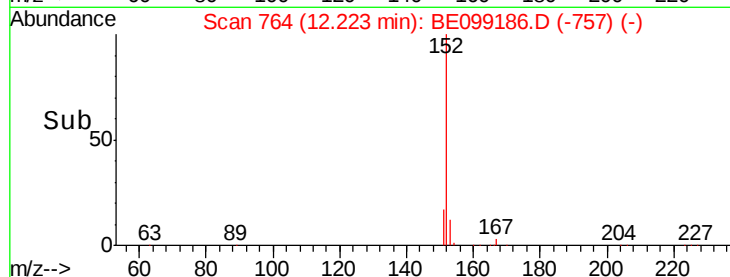
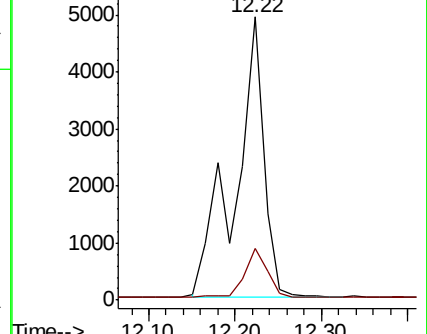
152 100

151 13.5 15.0 22.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.285 ng

RT: 12.29 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE099186.D

Acq: 25 Mar 2019 18:59

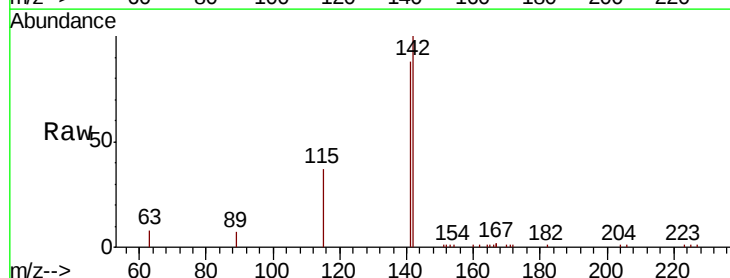
Tgt Ion:142 Resp: 8419

Ion Ratio Lower Upper

142 100

141 88.1 71.3 106.9

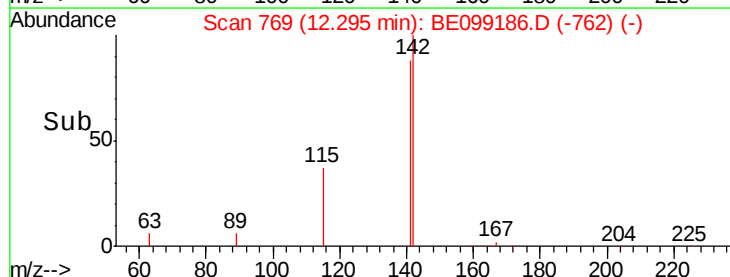
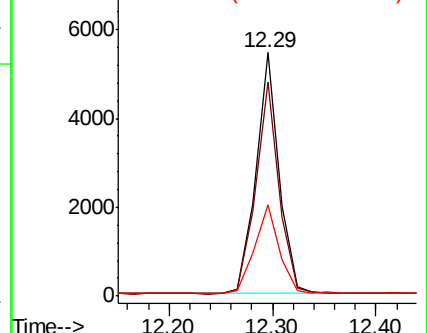
115 37.5 30.4 45.6

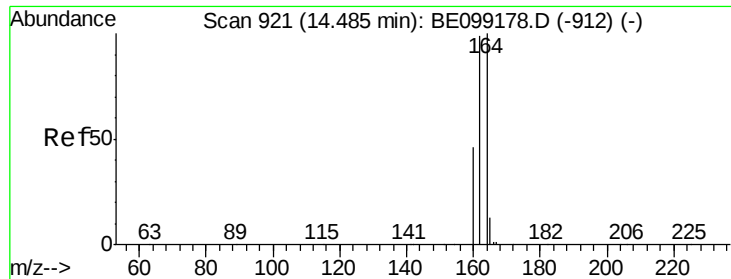


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

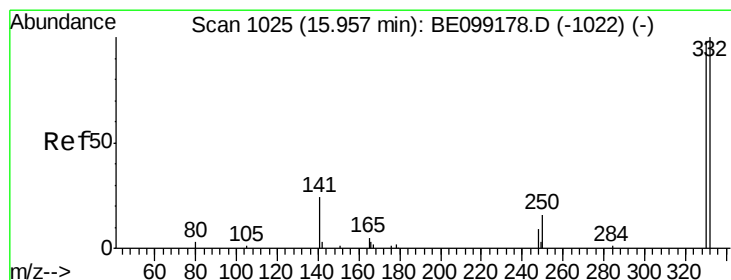
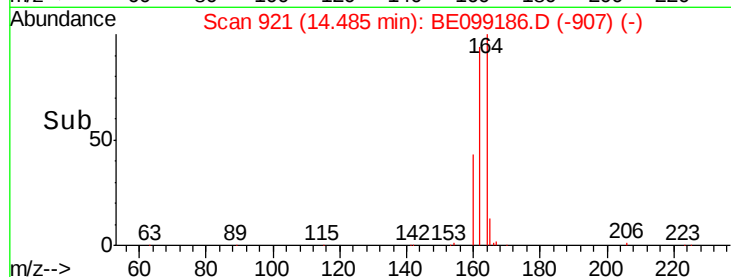
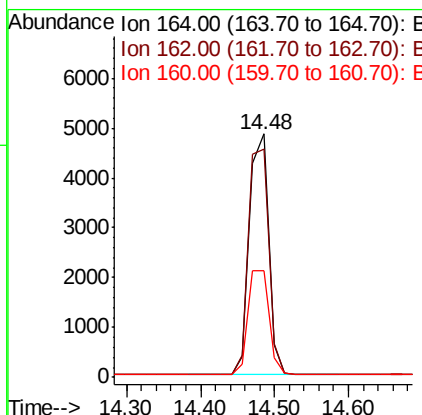
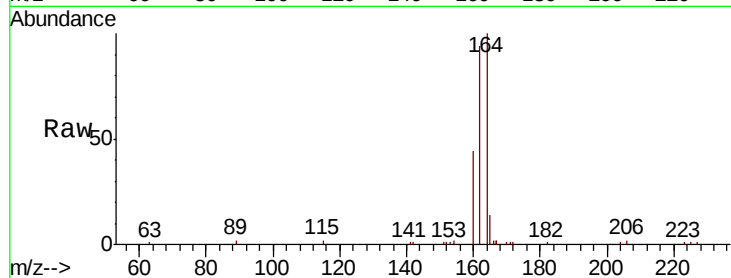




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.48 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BE099186.D
 Acq: 25 Mar 2019 18:59

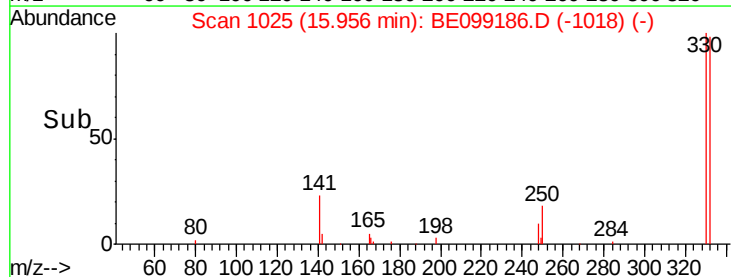
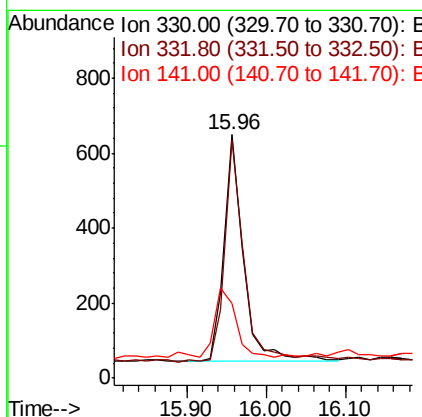
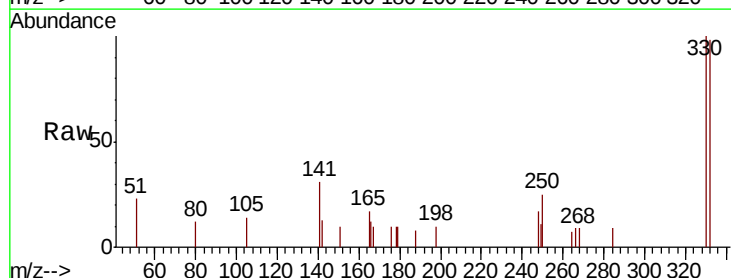
Instrument :
 BNA_E
 ClientSampleId :
 PB118226BS

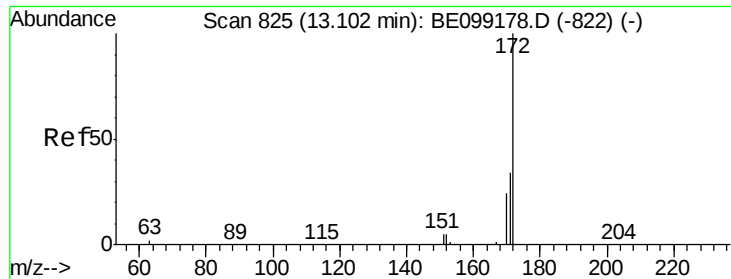
Tgt Ion:164 Resp: 8763
 Ion Ratio Lower Upper
 164 100
 162 93.8 79.2 118.8
 160 43.7 36.7 55.1



#14
 2,4,6-Tribromophenol
 Concen: 0.432 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BE099186.D
 Acq: 25 Mar 2019 18:59

Tgt Ion:330 Resp: 1011
 Ion Ratio Lower Upper
 330 100
 332 97.0 71.3 106.9
 141 34.1 21.7 32.5#

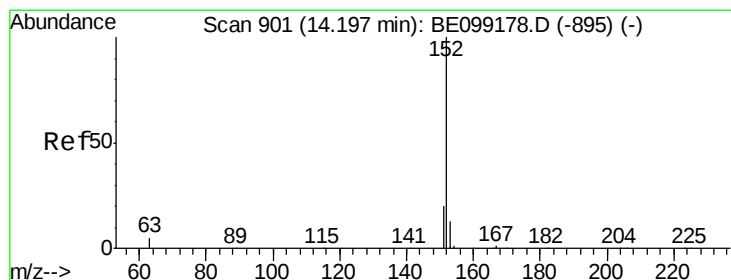
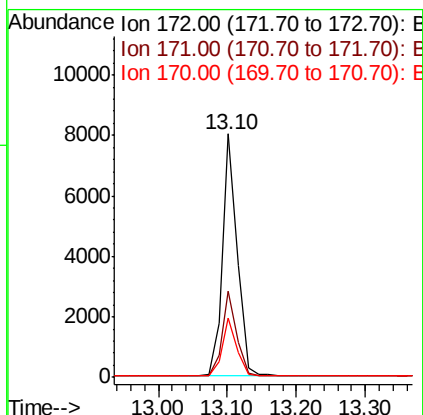
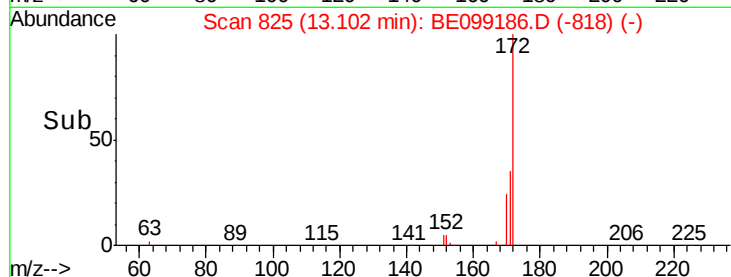
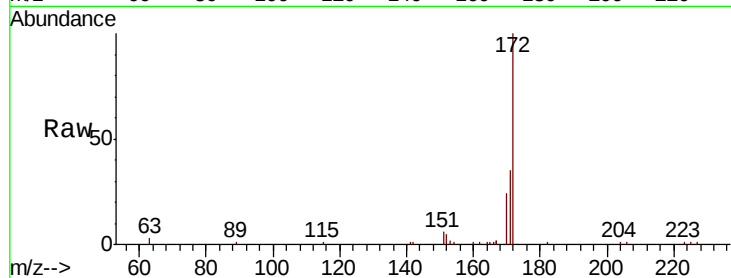




#15
2-Fluorobiphenyl
Concen: 0.334 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099186.D
Acq: 25 Mar 2019 18:59

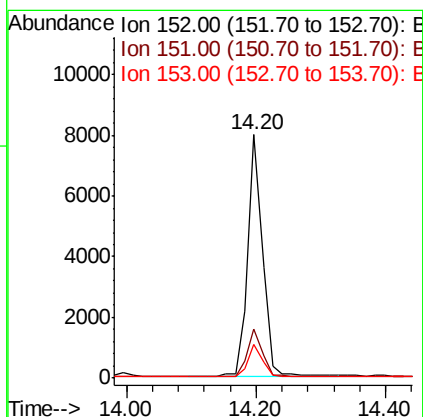
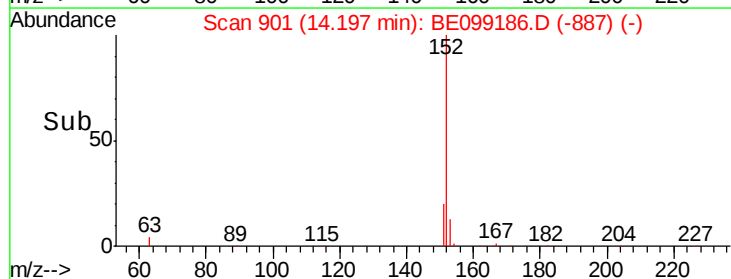
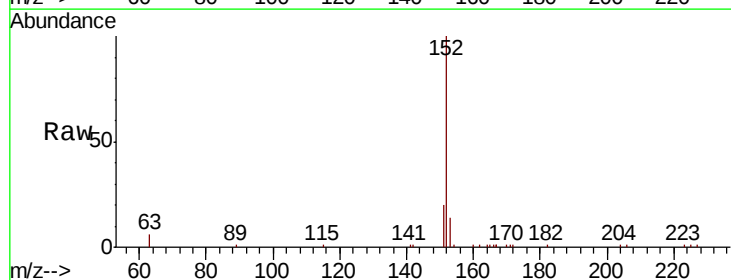
Instrument :
BNA_E
ClientSampleId :
PB118226BS

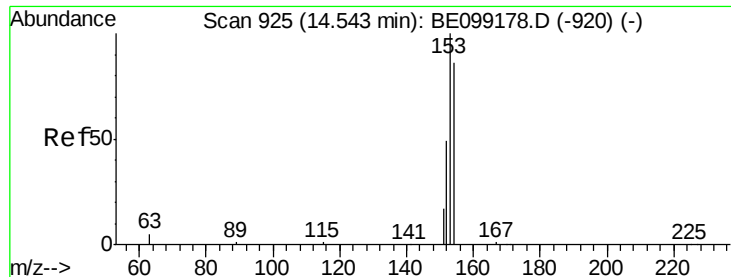
Tgt Ion:172 Resp: 11914
Ion Ratio Lower Upper
172 100
171 35.2 27.4 41.0
170 24.2 19.1 28.7



#16
Acenaphthylene
Concen: 0.282 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099186.D
Acq: 25 Mar 2019 18:59

Tgt Ion:152 Resp: 12603
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.1 10.6 15.8

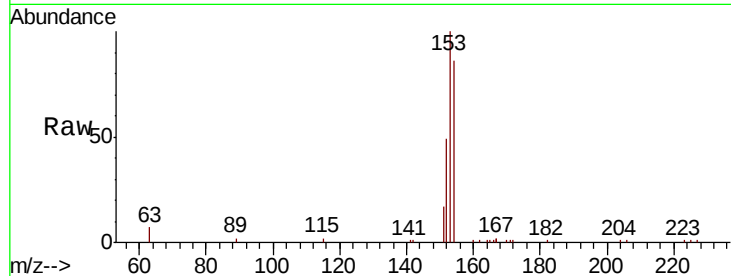




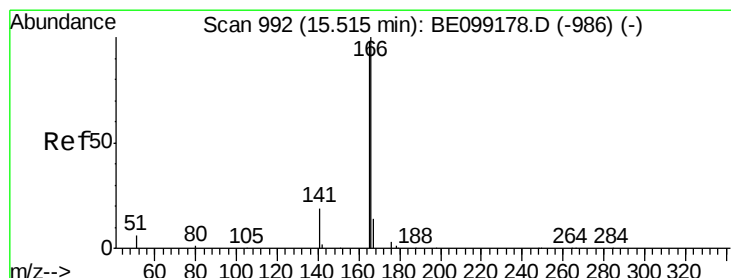
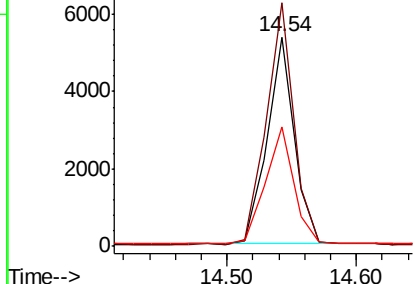
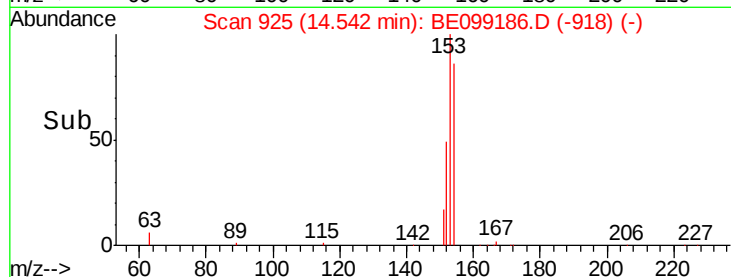
#17
Acenaphthene
Concen: 0.293 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099186.D
Acq: 25 Mar 2019 18:59

Instrument :
BNA_E
ClientSampleId :
PB118226BS

Tgt Ion:154 Resp: 7819
Ion Ratio Lower Upper
154 100
153 118.4 93.4 140.0
152 59.2 46.6 69.8

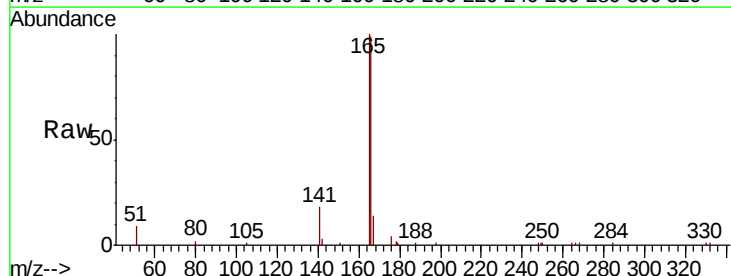


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

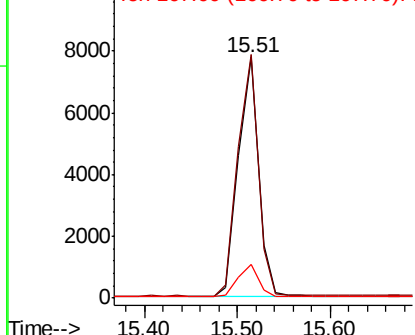
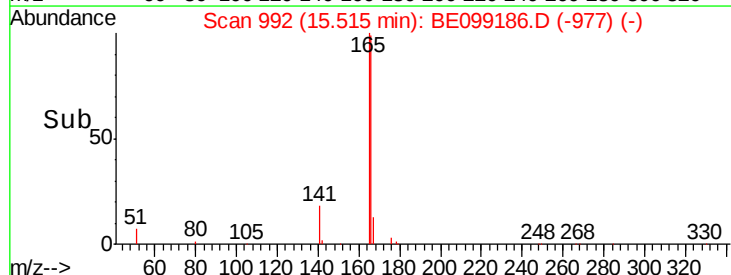


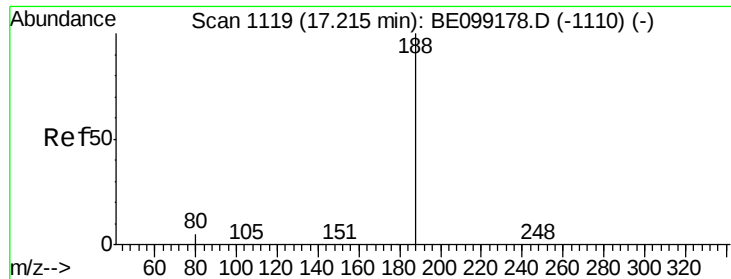
#18
Fluorene
Concen: 0.309 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE099186.D
Acq: 25 Mar 2019 18:59

Tgt Ion:166 Resp: 11594
Ion Ratio Lower Upper
166 100
165 102.3 78.9 118.3
167 13.7 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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099186.D

Acq: 25 Mar 2019 18:59

Instrument :

BNA_E

ClientSampleId :

PB118226BS

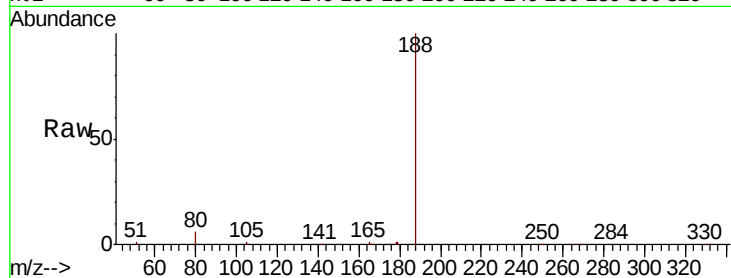
Tgt Ion:188 Resp: 28249

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

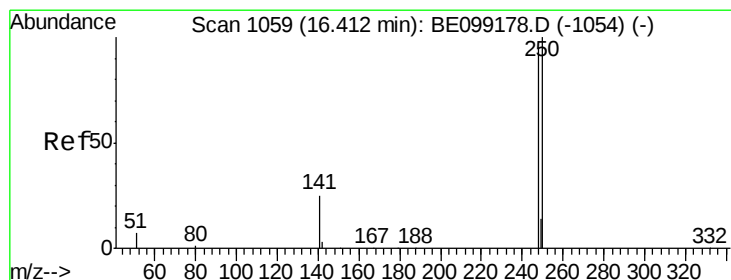
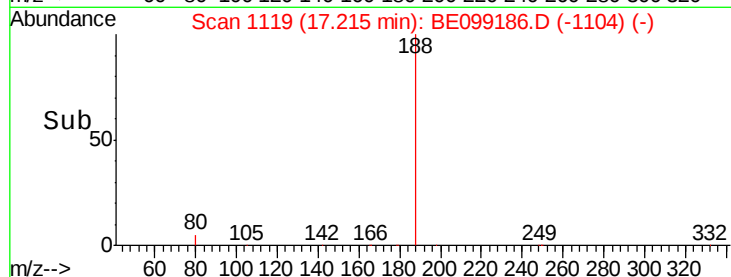
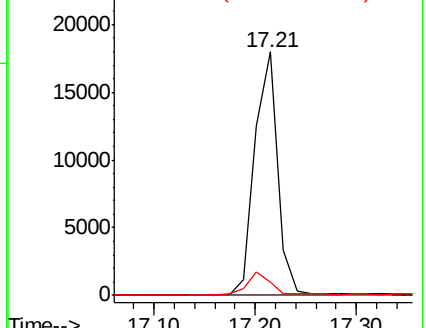
80 5.6 4.5 6.7



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: 0.246 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE099186.D

Acq: 25 Mar 2019 18:59

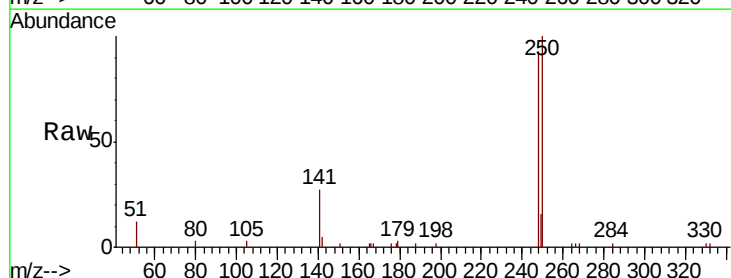
Tgt Ion:248 Resp: 4486

Ion Ratio Lower Upper

248 100

250 108.0 84.2 126.2

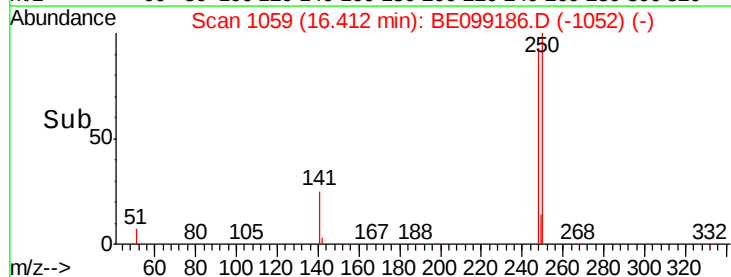
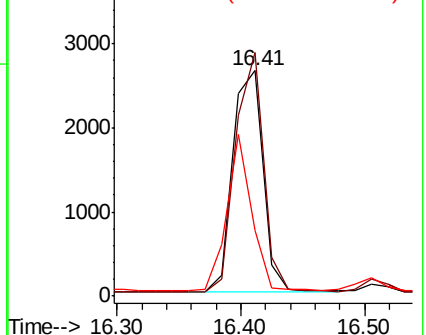
141 29.3 21.8 32.6

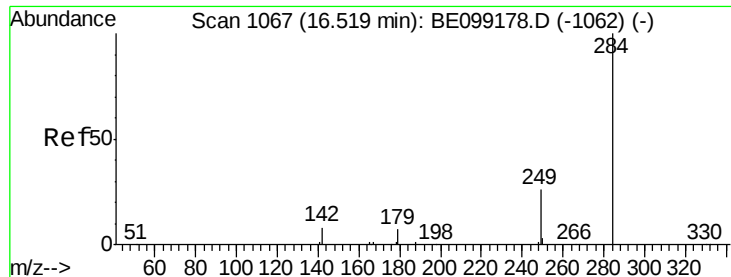


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.250 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE099186.D

Acq: 25 Mar 2019 18:59

Instrument :

BNA_E

ClientSampleId :

PB118226BS

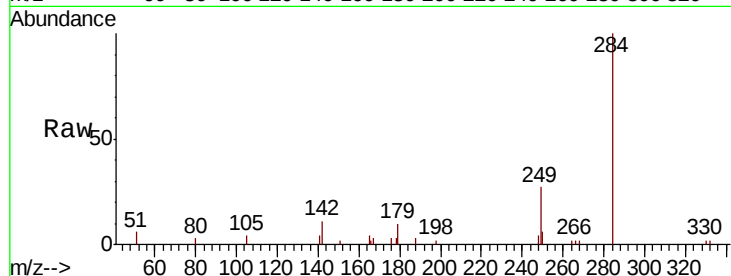
Tgt Ion:284 Resp: 4396

Ion Ratio Lower Upper

284 100

142 30.2 22.7 34.1

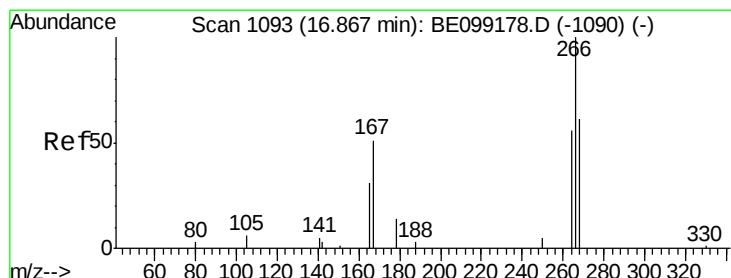
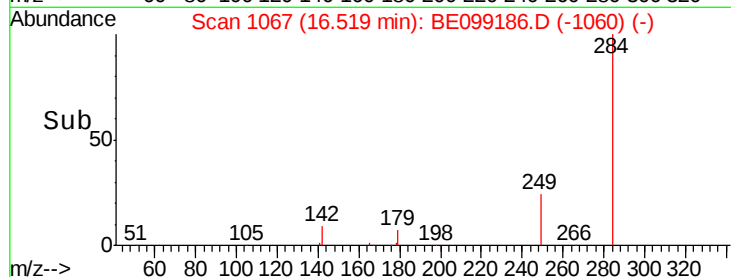
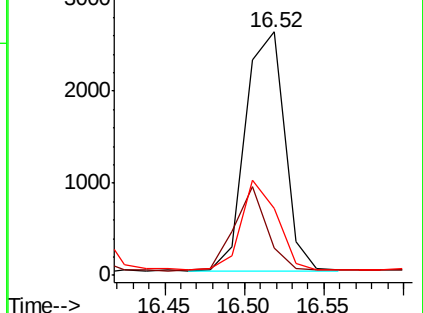
249 33.7 26.9 40.3



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: 0.744 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE099186.D

Acq: 25 Mar 2019 18:59

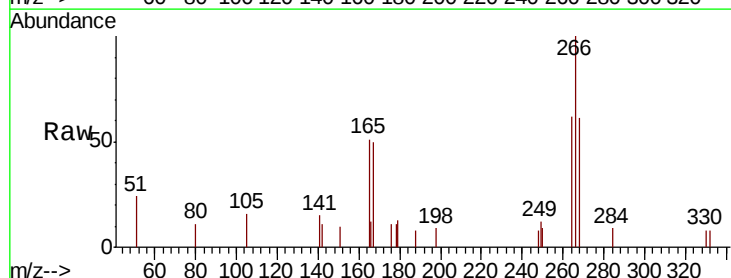
Tgt Ion:266 Resp: 1371

Ion Ratio Lower Upper

266 100

264 61.6 54.4 81.6

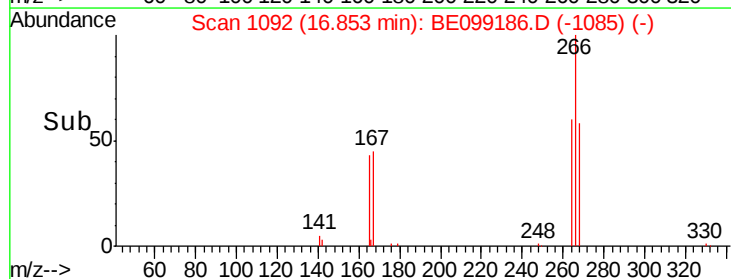
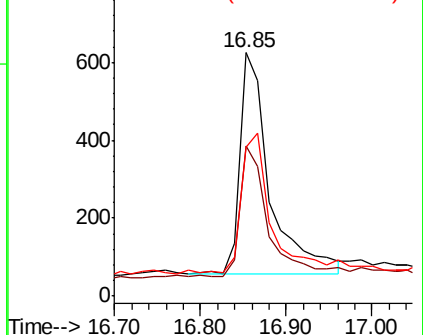
268 61.3 61.3 91.9

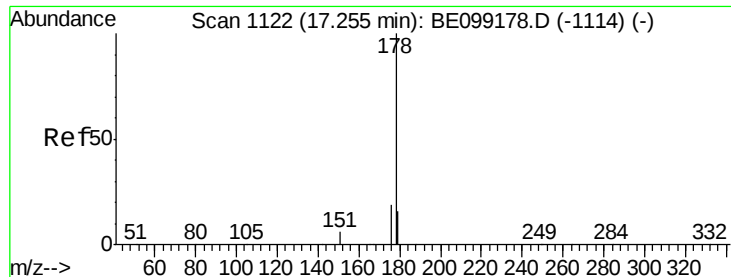


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.292 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE099186.D

Acq: 25 Mar 2019 18:59

Instrument :

BNA_E

ClientSampleId :

PB118226BS

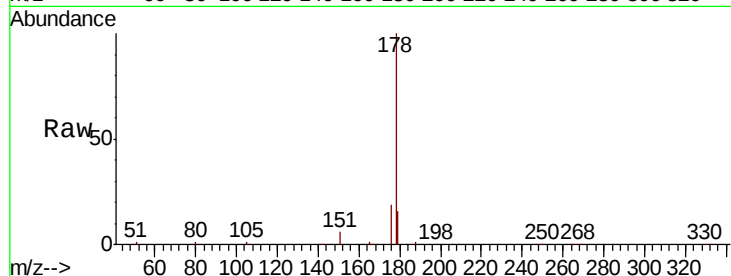
Tgt Ion:178 Resp: 24184

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

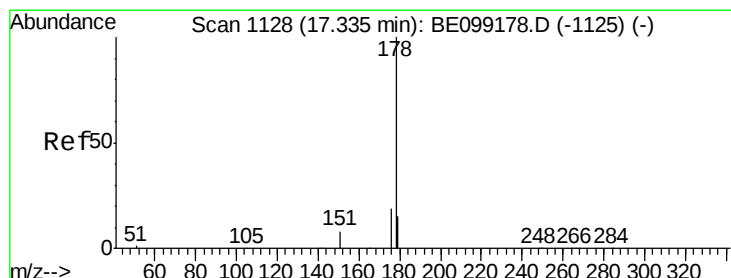
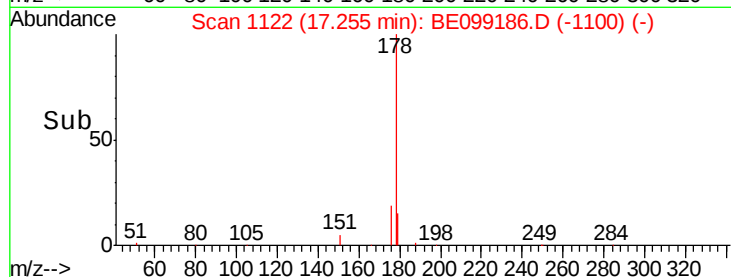
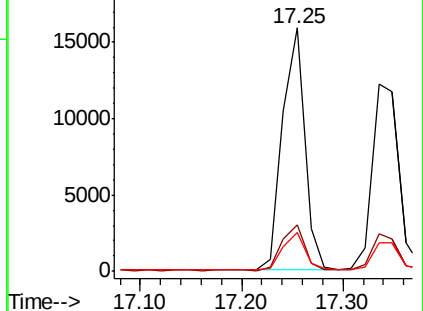
179 15.7 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.294 ng

RT: 17.34 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BE099186.D

Acq: 25 Mar 2019 18:59

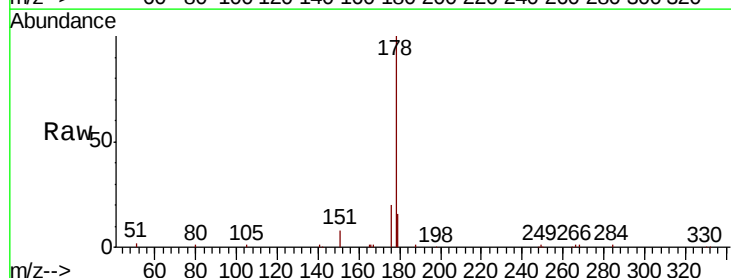
Tgt Ion:178 Resp: 22022

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

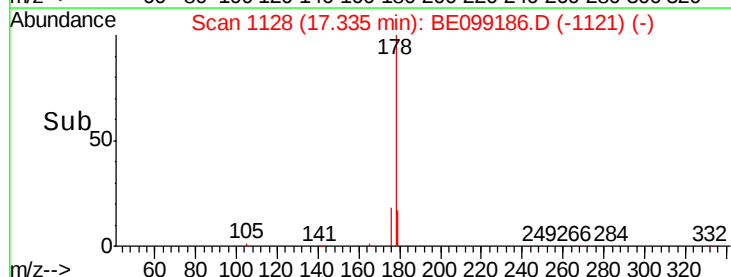
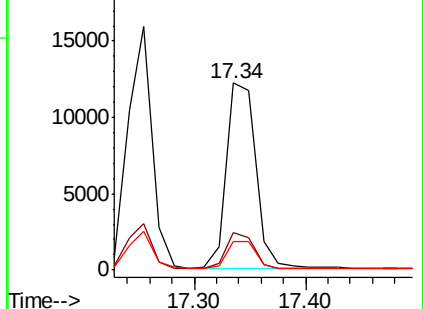
179 15.1 12.4 18.6

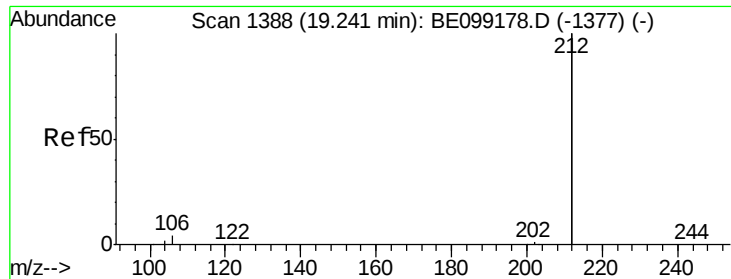


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.349 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BE099186.D

Acq: 25 Mar 2019 18:59

Instrument :

BNA_E

ClientSampleId :

PB118226BS

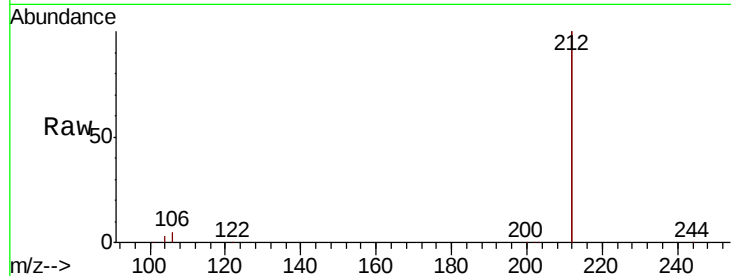
Tgt Ion:212 Resp: 119339

Ion Ratio Lower Upper

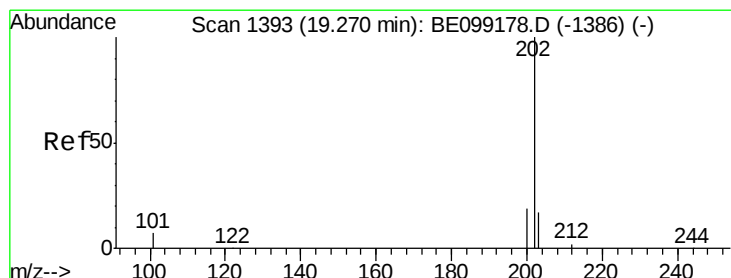
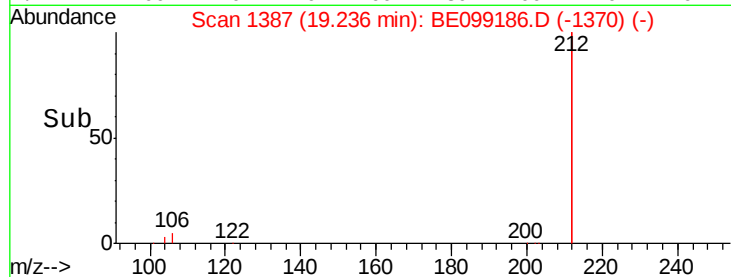
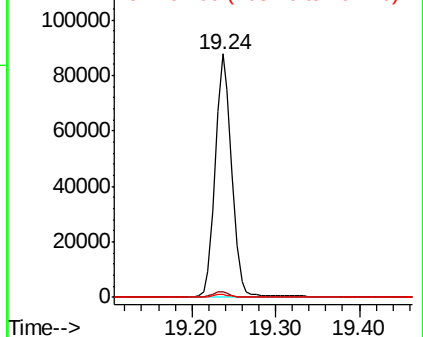
212 100

106 2.4 1.8 2.8

104 1.3 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: 0.329 ng

RT: 19.27 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BE099186.D

Acq: 25 Mar 2019 18:59

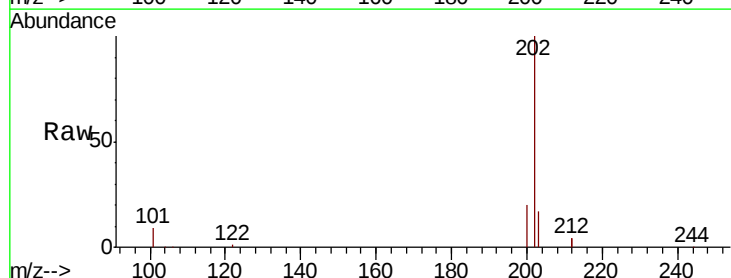
Tgt Ion:202 Resp: 34808

Ion Ratio Lower Upper

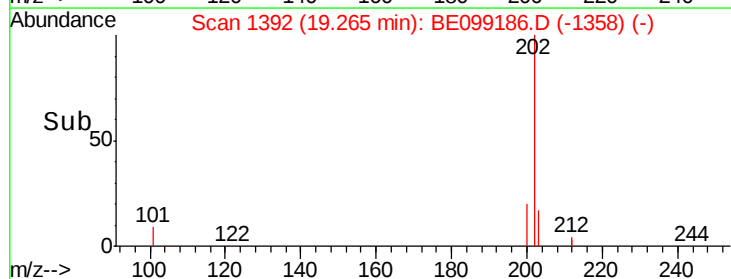
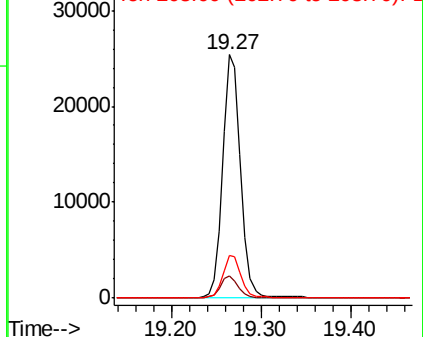
202 100

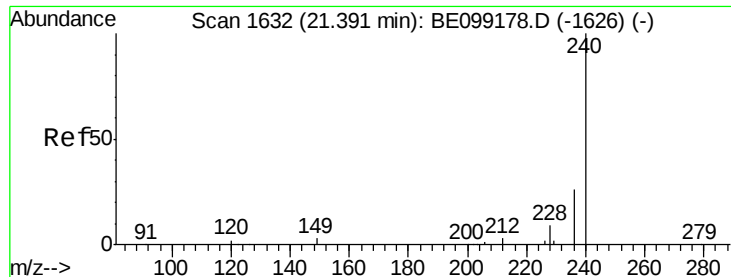
101 8.6 7.0 10.4

203 17.1 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# 1630

Delta R.T. -0.01 min

Lab File: BE099186.D

Acq: 25 Mar 2019 18:59

Instrument :

BNA_E

ClientSampleId :

PB118226BS

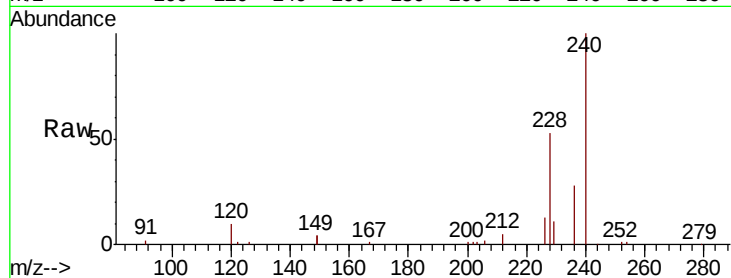
Tgt Ion:240 Resp: 36403

Ion Ratio Lower Upper

240 100

120 10.2 2.6 3.8#

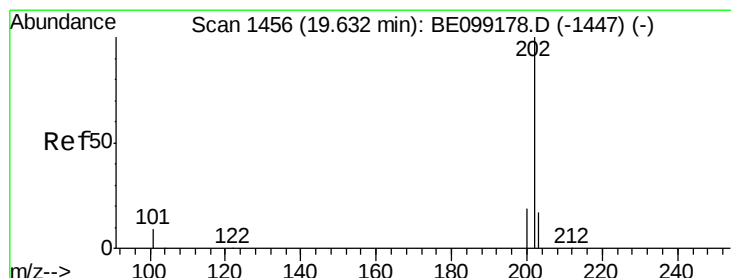
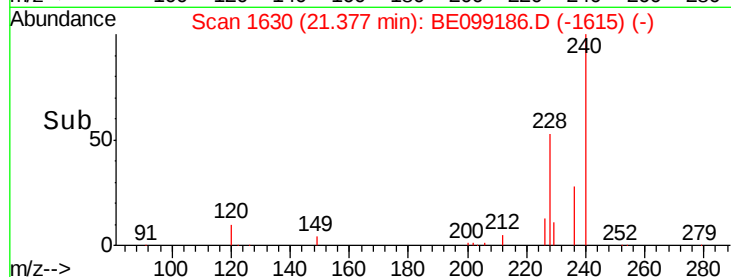
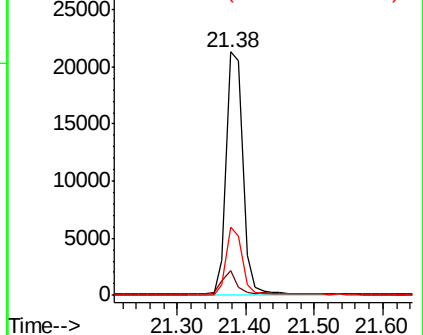
236 28.1 20.9 31.3



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: 0.296 ng

RT: 19.63 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BE099186.D

Acq: 25 Mar 2019 18:59

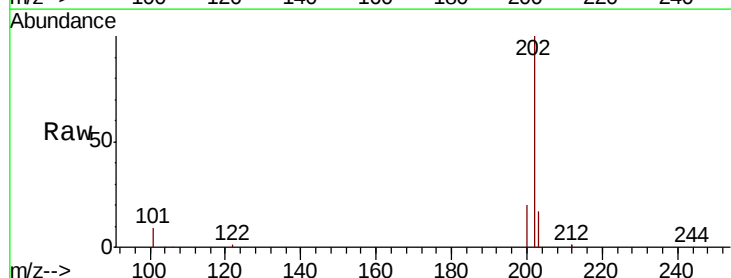
Tgt Ion:202 Resp: 35816

Ion Ratio Lower Upper

202 100

200 19.8 15.8 23.8

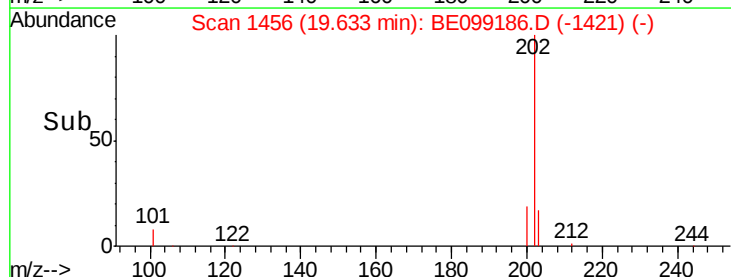
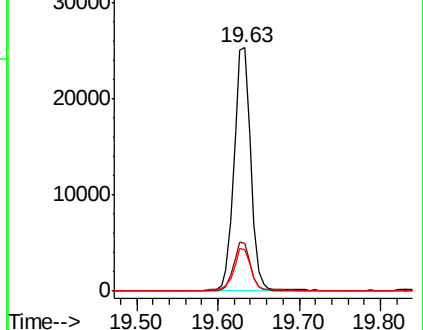
203 17.9 14.1 21.1

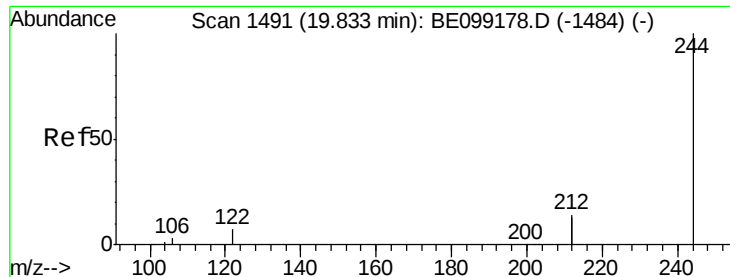


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.296 ng

RT: 19.83 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BE099186.D

Acq: 25 Mar 2019 18:59

Instrument :

BNA_E

ClientSampleId :

PB118226BS

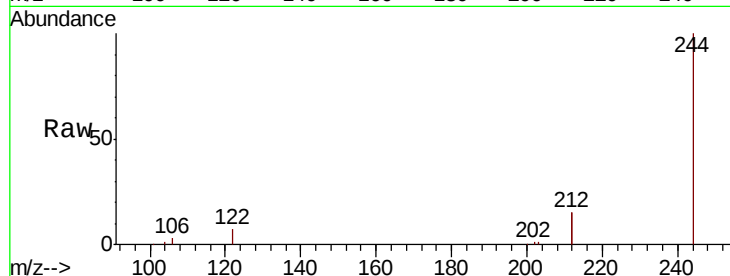
Tgt Ion:244 Resp: 23470

Ion Ratio Lower Upper

244 100

212 30.6 22.7 34.1

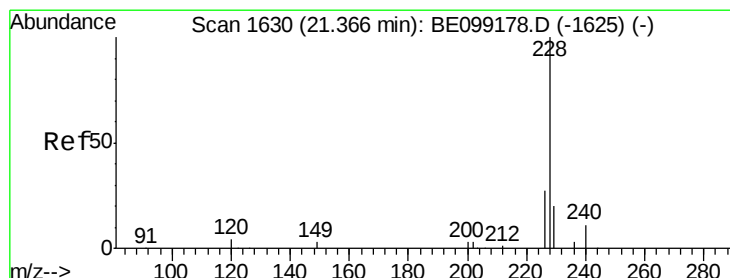
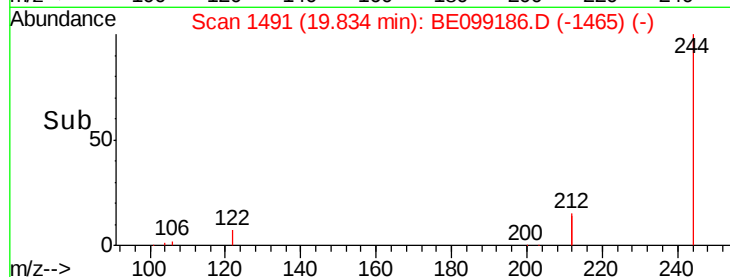
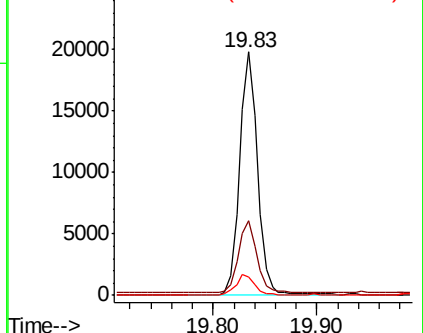
122 7.4 5.8 8.6



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: 0.303 ng

RT: 21.37 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE099186.D

Acq: 25 Mar 2019 18:59

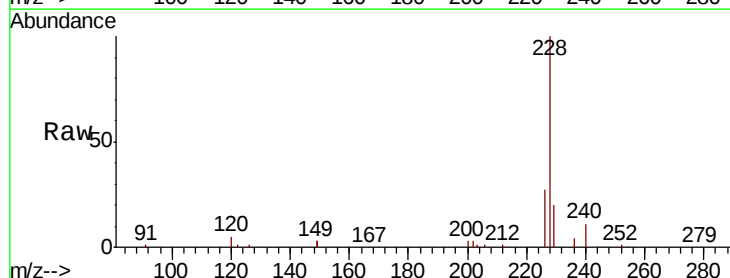
Tgt Ion:228 Resp: 36355

Ion Ratio Lower Upper

228 100

226 26.8 21.7 32.5

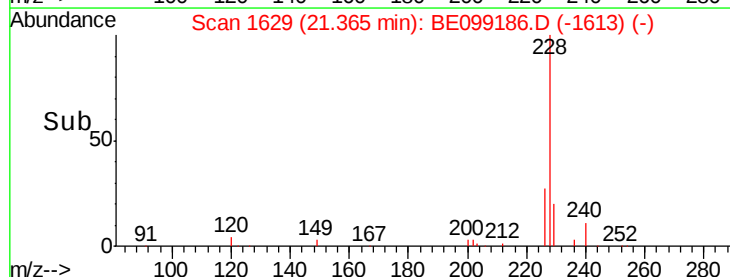
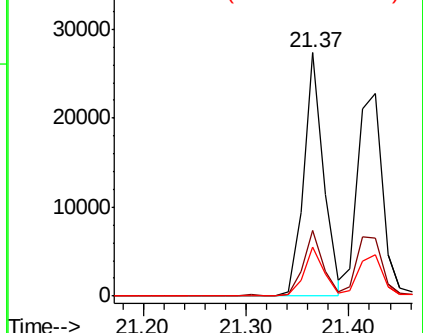
229 20.2 15.9 23.9

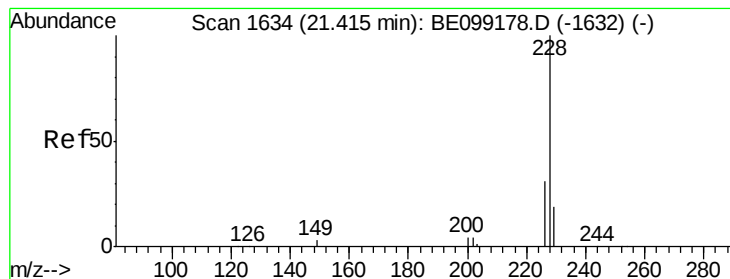


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.294 ng

RT: 21.43 min Scan# 1634

Delta R.T. 0.01 min

Lab File: BE099186.D

Acq: 25 Mar 2019 18:59

Instrument :

BNA_E

ClientSampleId :

PB118226BS

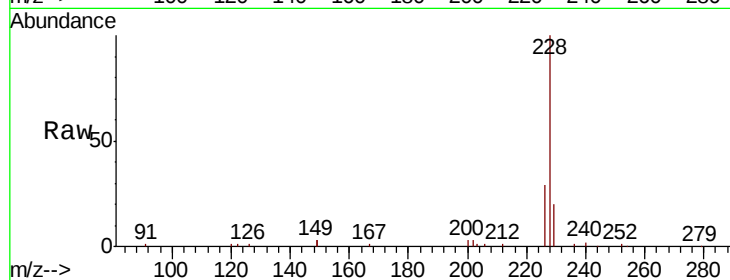
Tgt Ion:228 Resp: 37712

Ion Ratio Lower Upper

228 100

226 28.8 24.8 37.2

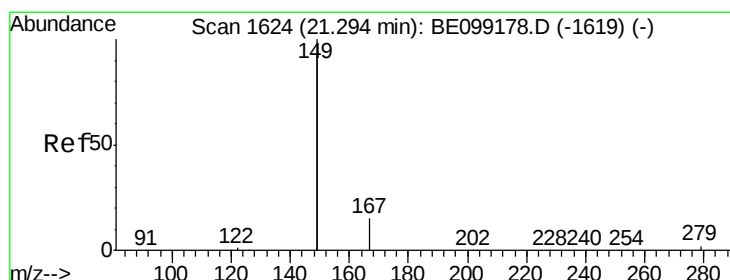
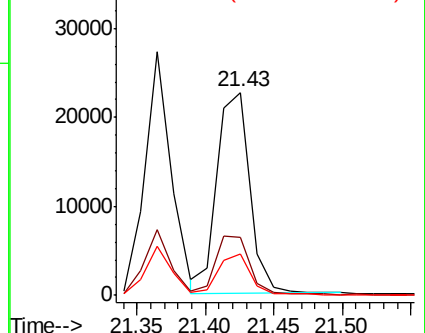
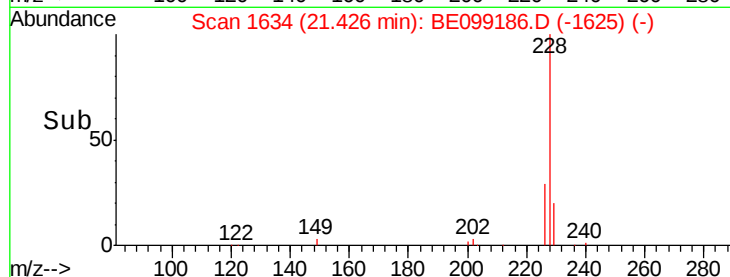
229 20.4 15.4 23.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.308 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE099186.D

Acq: 25 Mar 2019 18:59

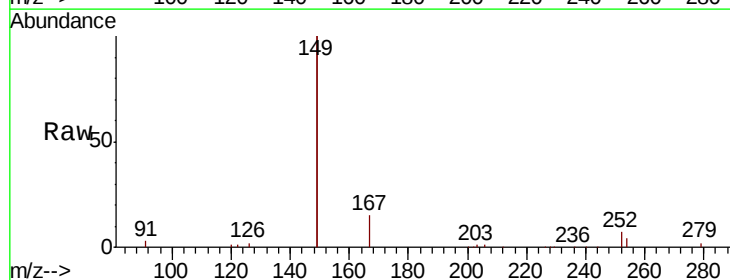
Tgt Ion:149 Resp: 44114

Ion Ratio Lower Upper

149 100

167 7.3 5.9 8.9

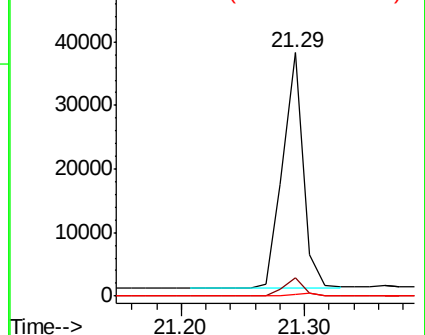
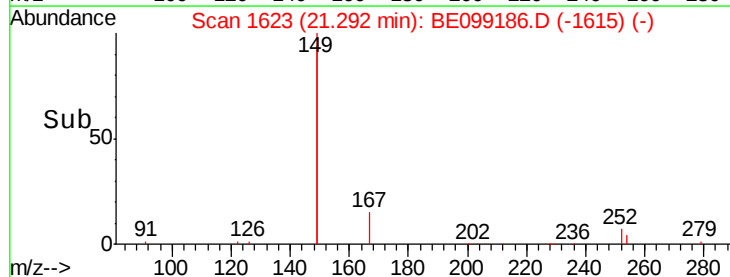
279 1.2 1.0 1.6

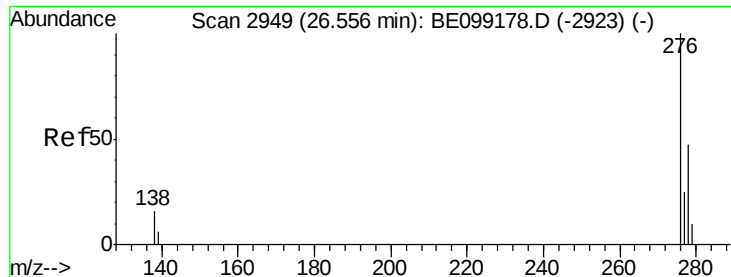


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.266 ng

RT: 26.55 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BE099186.D

Acq: 25 Mar 2019 18:59

Instrument :

BNA_E

ClientSampleId :

PB118226BS

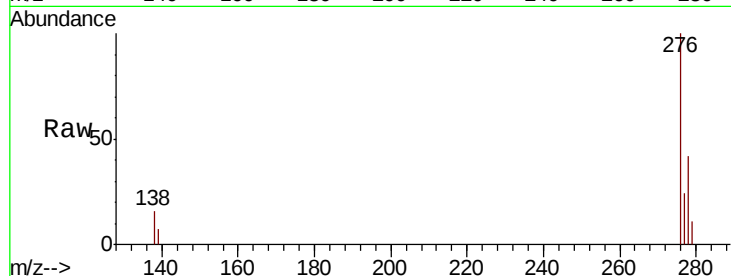
Tgt Ion:276 Resp: 32364

Ion Ratio Lower Upper

276 100

138 16.5 12.9 19.3

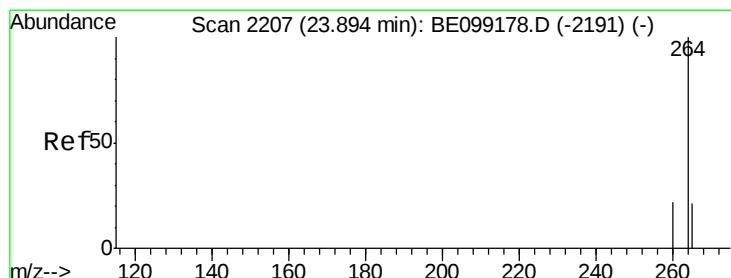
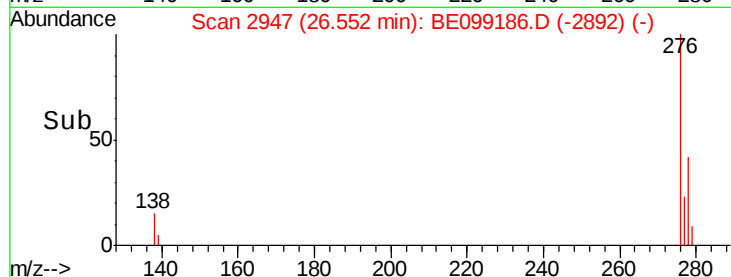
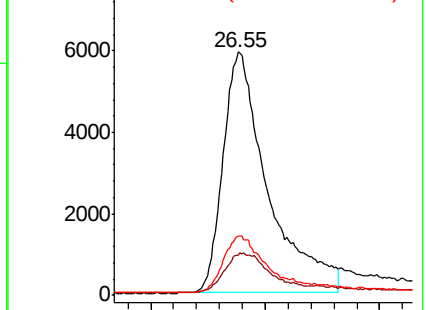
277 21.2 18.3 27.5



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# 2206

Delta R.T. -0.00 min

Lab File: BE099186.D

Acq: 25 Mar 2019 18:59

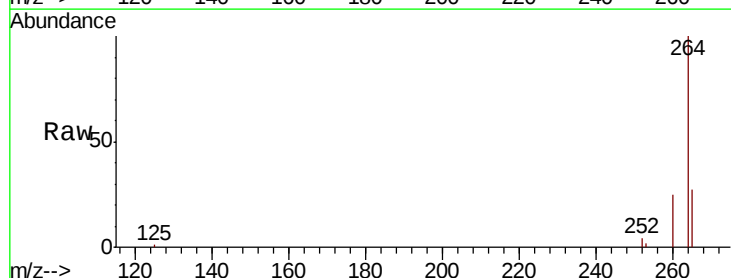
Tgt Ion:264 Resp: 34270

Ion Ratio Lower Upper

264 100

260 25.0 18.2 27.2

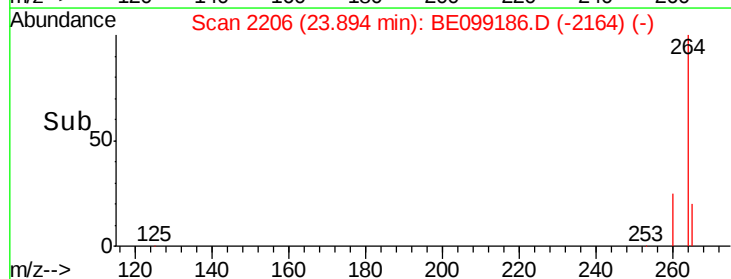
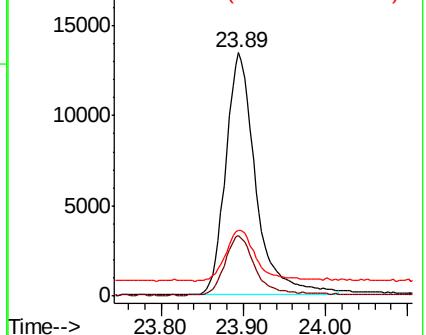
265 27.0 21.8 32.8

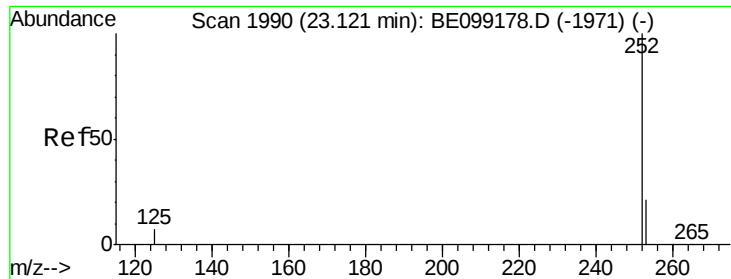


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.296 ng

RT: 23.12 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BE099186.D

Acq: 25 Mar 2019 18:59

Instrument :

BNA_E

ClientSampleId :

PB118226BS

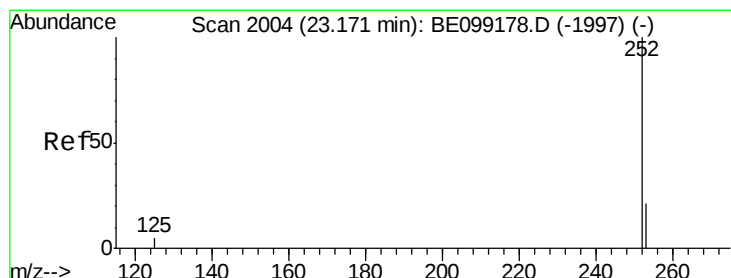
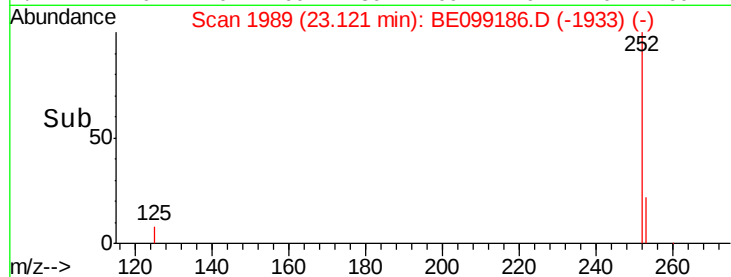
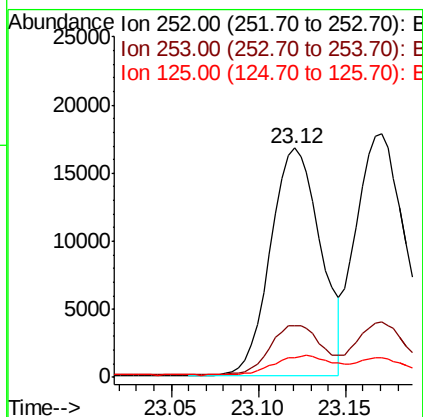
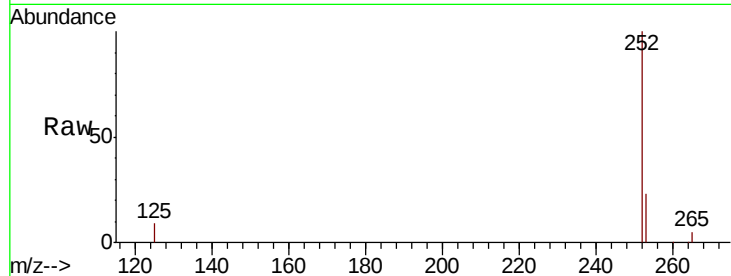
Tgt Ion:252 Resp: 33412

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

125 8.8 6.1 9.1



#36

Benzo(k)fluoranthene

Concen: 0.318 ng

RT: 23.17 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BE099186.D

Acq: 25 Mar 2019 18:59

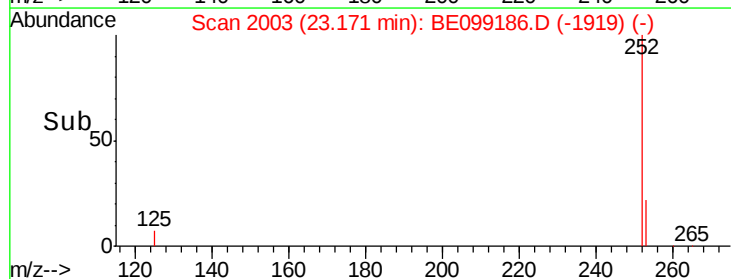
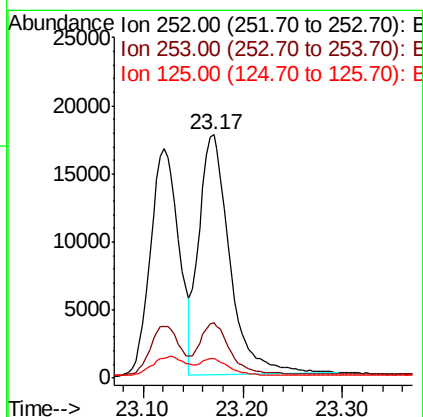
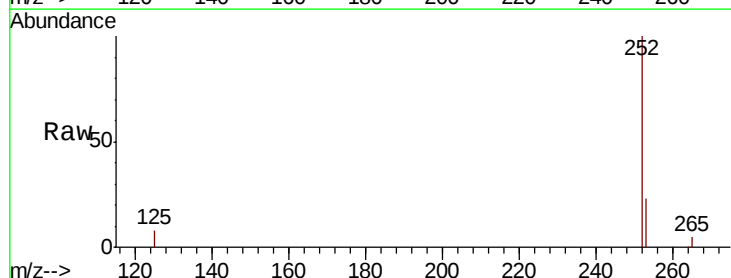
Tgt Ion:252 Resp: 37911

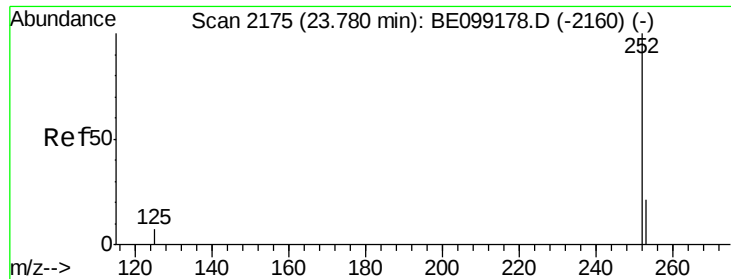
Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

125 8.0 5.9 8.9





#37

Benzo(a)pyrene

Concen: 0.306 ng

RT: 23.78 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BE099186.D

Acq: 25 Mar 2019 18:59

Instrument :

BNA_E

ClientSampleId :

PB118226BS

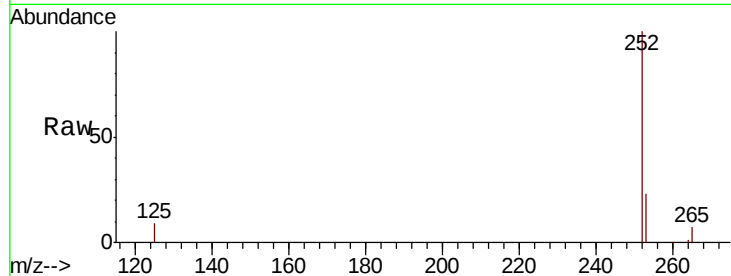
Tgt Ion:252 Resp: 32268

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

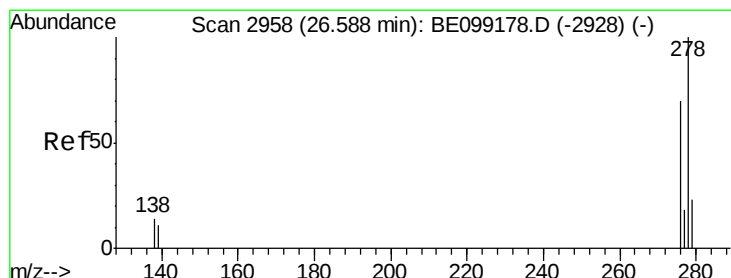
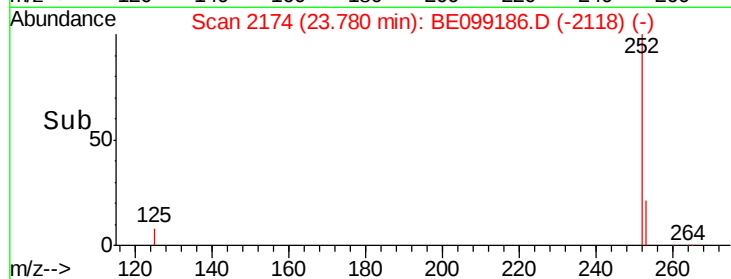
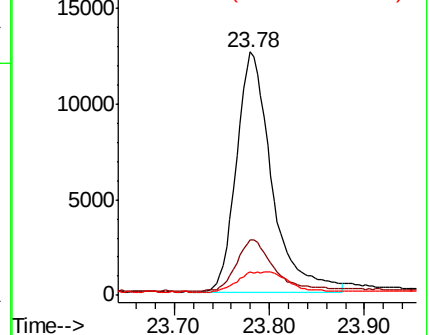
125 9.4 6.8 10.2



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: 0.294 ng

RT: 26.58 min Scan# 2956

Delta R.T. -0.00 min

Lab File: BE099186.D

Acq: 25 Mar 2019 18:59

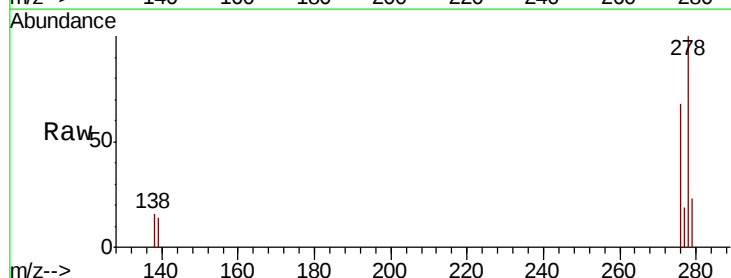
Tgt Ion:278 Resp: 27478

Ion Ratio Lower Upper

278 100

139 13.6 9.5 14.3

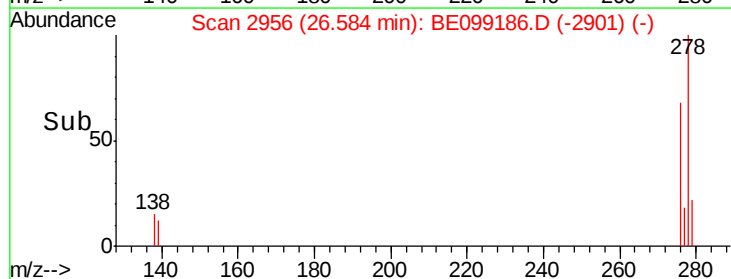
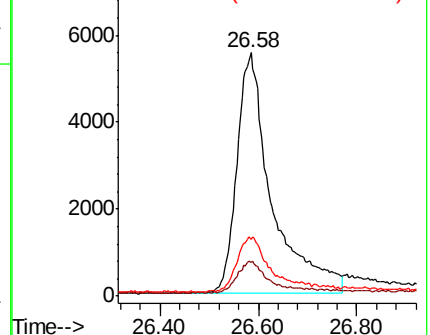
279 23.5 19.1 28.7

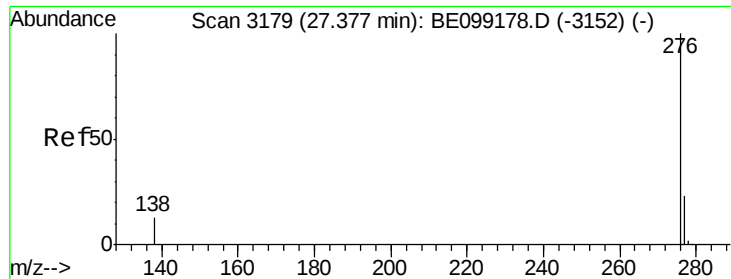


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.262 ng

RT: 27.37 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BE099186.D

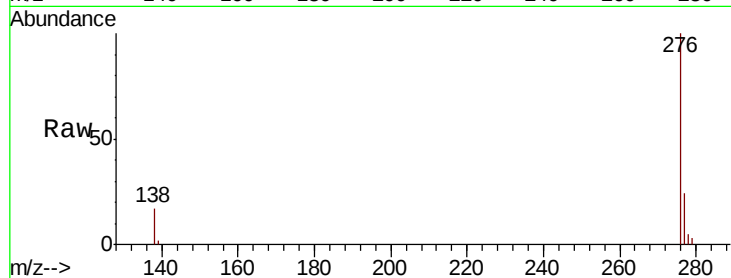
Acq: 25 Mar 2019 18:59

Instrument :

BNA_E

ClientSampleId :

PB118226BS



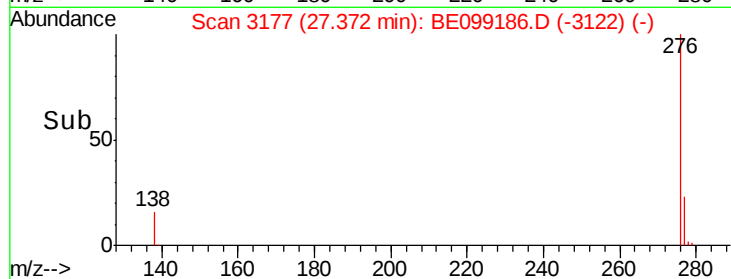
Tgt Ion: 276 Resp: 24586

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 17.3 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

