

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062619\
 Data File : BE100191.D
 Acq On : 26 Jun 2019 12:43
 Operator : JU/SJ
 Sample : PB120737BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120737BS

Quant Time: Jun 27 04:43:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 15:40:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	558	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	1909	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	1453	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	4451	0.40	ng	0.00
27) Chrysene-d12	21.28	240	7222	0.40	ng	0.00
34) Perylene-d12	23.72	264	7942	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	502	0.40	ng	0.00
5) Phenol-d6	6.86	99	663	0.39	ng	-0.01
8) Nitrobenzene-d5	8.85	82	754	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	1415	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	313	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	2434	0.42	ng	0.00
25) Fluoranthene-d10	19.13	212	24938	0.39	ng	0.00
29) Terphenyl-d14	19.73	244	5056	0.36	ng	0.00

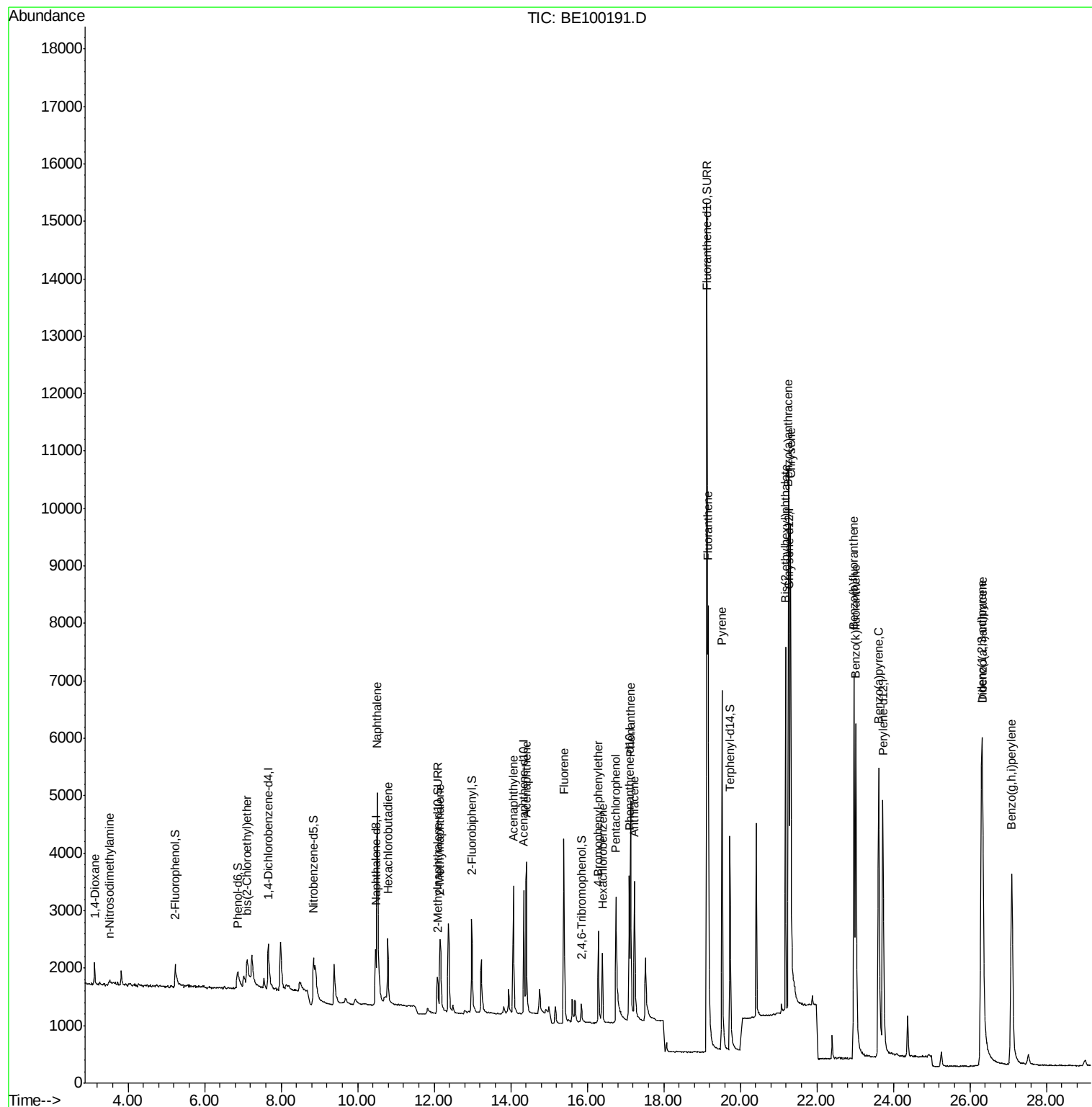
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	333	0.381	ng	# 86
3) n-Nitrosodimethylamine	3.51	42	103	0.319	ng	# 28
6) bis(2-Chloroethyl)ether	7.11	93	454	0.291	ng	# 89
9) Naphthalene	10.51	128	8850	0.425	ng	98
10) Hexachlorobutadiene	10.78	225	863	0.401	ng	99
12) 2-Methylnaphthalene	12.15	142	1390	0.414	ng	97
16) Acenaphthylene	14.07	152	2927	0.413	ng	98
17) Acenaphthene	14.41	154	1573	0.396	ng	93
18) Fluorene	15.39	166	2406	0.419	ng	99
20) 4-Bromophenyl-phenylether	16.29	248	1095	0.396	ng	96
21) Hexachlorobenzene	16.40	284	1286	0.424	ng	99
22) Pentachlorophenol	16.75	266	2286	2.511	ng	# 79
23) Phenanthrene	17.13	178	4577	0.434	ng	99
24) Anthracene	17.23	178	3628	0.407	ng	99
26) Fluoranthene	19.16	202	7257	0.423	ng	99
28) Pyrene	19.52	202	7253	0.392	ng	99
30) Benzo(a)anthracene	21.26	228	8340	0.392	ng	97
31) Chrysene	21.32	228	9205	0.369	ng	100
32) Bis(2-ethylhexyl)phthalate	21.19	149	6717	0.274	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.30	276	11659	0.328	ng	# 94
35) Benzo(b)fluoranthene	22.97	252	9294	0.435	ng	# 96
36) Benzo(k)fluoranthene	23.02	252	10471	0.410	ng	99
37) Benzo(a)pyrene	23.61	252	9616	0.434	ng	# 90
38) Dibenzo(a,h)anthracene	26.33	278	9102	0.384	ng	98
39) Benzo(g,h,i)perylene	27.09	276	9553	0.386	ng	98

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

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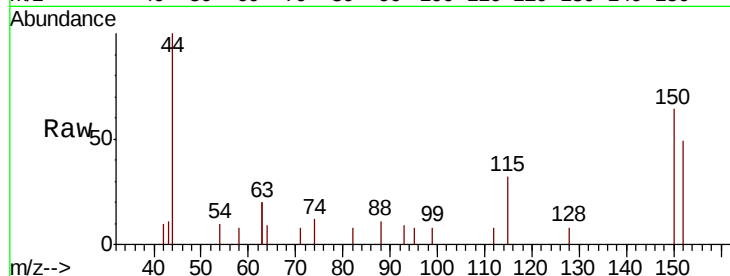


#1

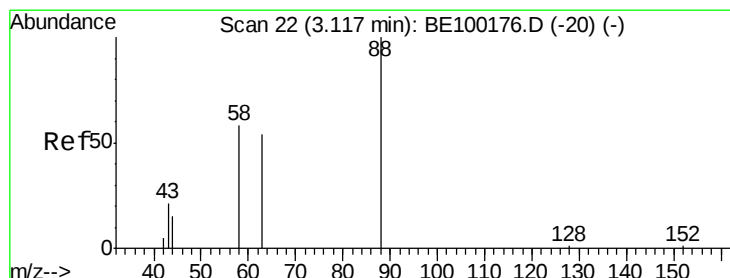
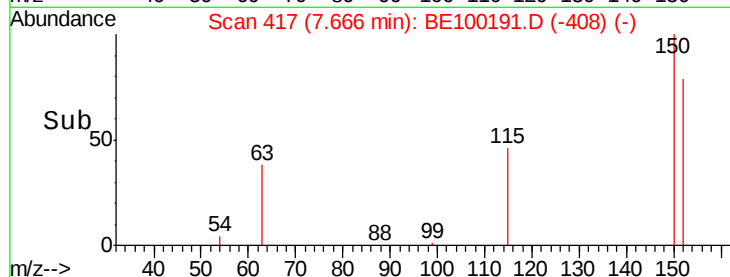
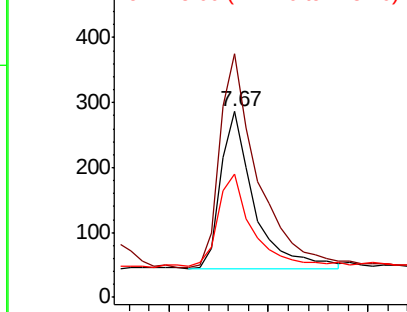
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.67 min Scan# 417
Delta R.T. -0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Instrument :
BNA_E
ClientSampleId :
PB120737BS

Tgt Ion: 152 Resp: 558
Ion Ratio Lower Upper
152 100
150 131.1 113.4 170.2
115 66.4 55.8 83.6



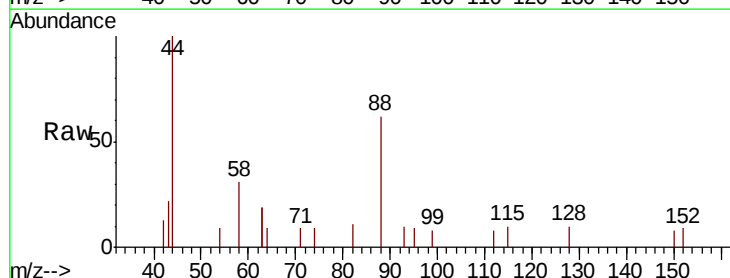
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



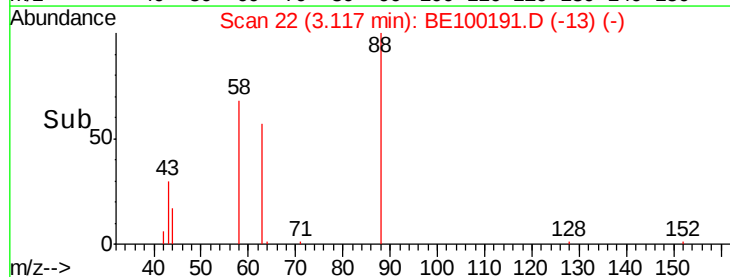
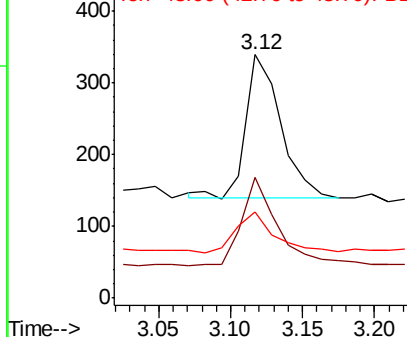
#2

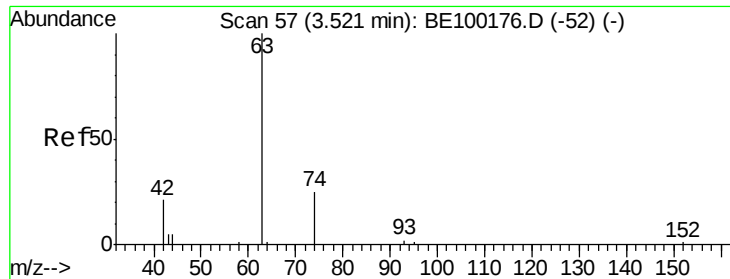
1,4-Dioxane
Concen: 0.381 ng
RT: 3.12 min Scan# 22
Delta R.T. -0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Tgt Ion: 88 Resp: 333
Ion Ratio Lower Upper
88 100
58 64.3 43.8 65.6
43 32.4 19.4 29.2#



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.319 ng

RT: 3.51 min Scan# 56

Delta R.T. -0.01 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

Instrument :

BNA_E

ClientSampleId :

PB120737BS

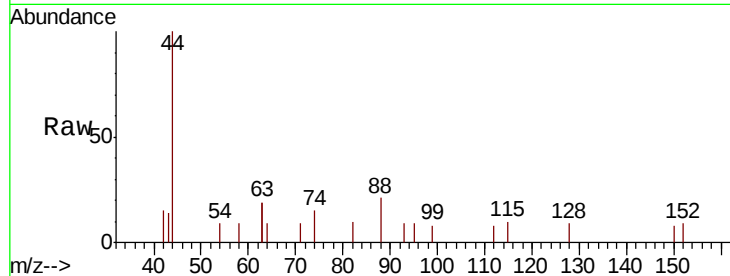
Tgt Ion: 42 Resp: 103

Ion Ratio Lower Upper

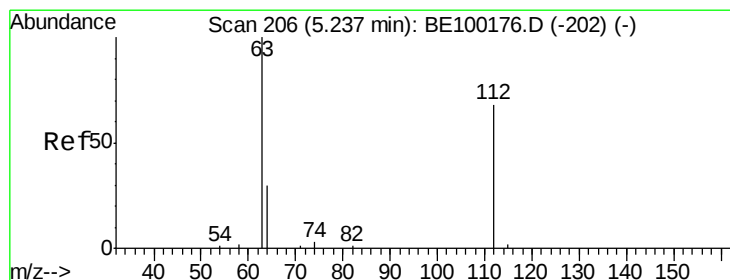
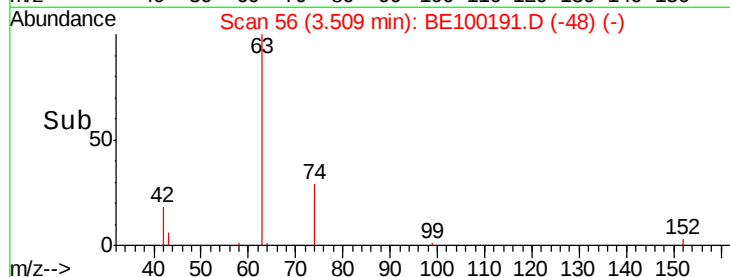
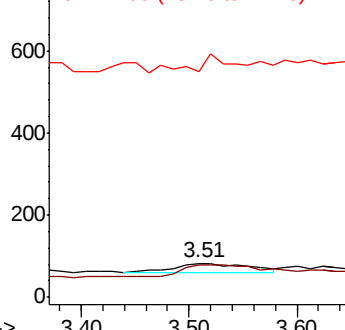
42 100

74 116.5 193.2 289.8#

44 55.3 114.5 171.7#



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.405 ng

RT: 5.24 min Scan# 206

Delta R.T. -0.00 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

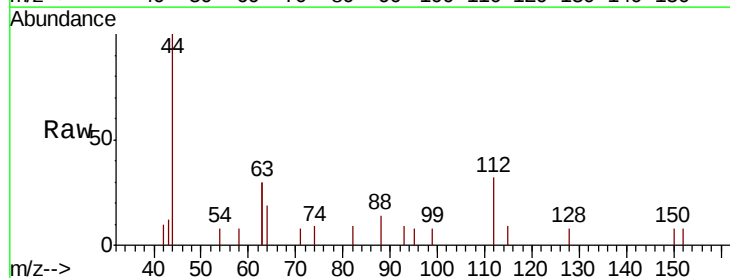
Tgt Ion: 112 Resp: 502

Ion Ratio Lower Upper

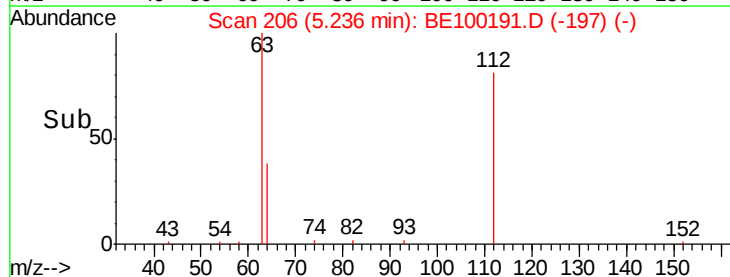
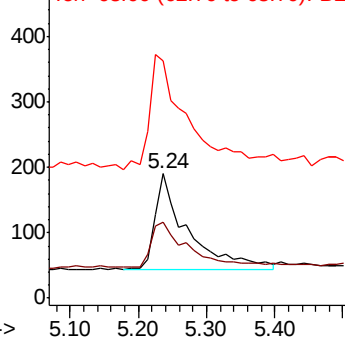
112 100

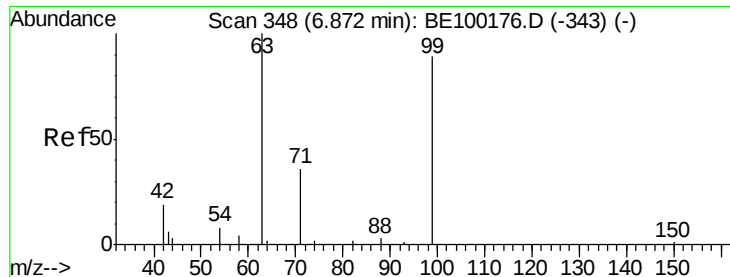
64 53.2 40.7 61.1

63 139.2 93.2 139.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.389 ng

RT: 6.86 min Scan# 347

Delta R.T. -0.01 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

Instrument :

BNA_E

ClientSampleId :

PB120737BS

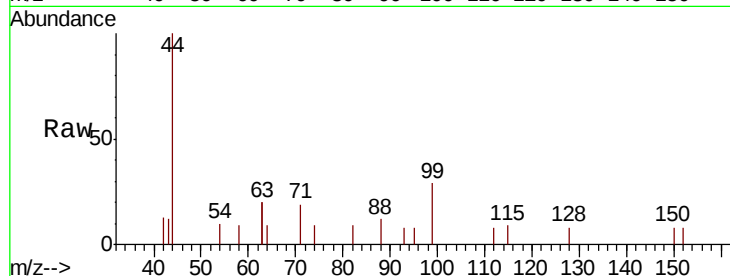
Tgt Ion: 99 Resp: 663

Ion Ratio Lower Upper

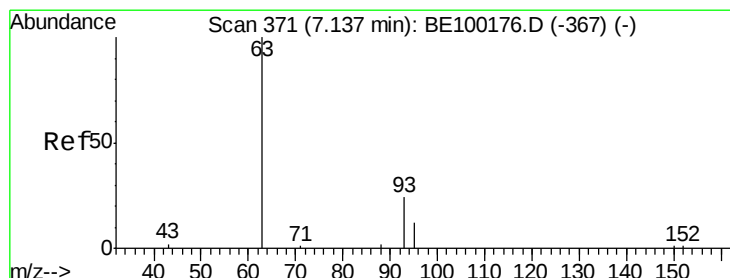
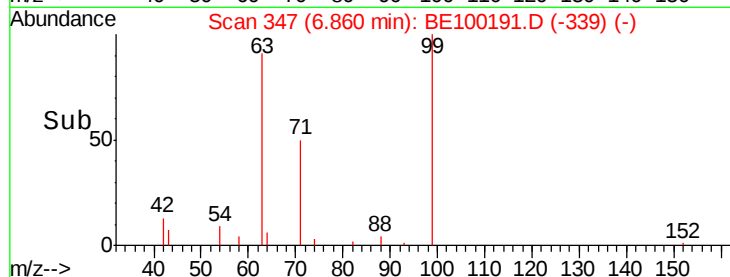
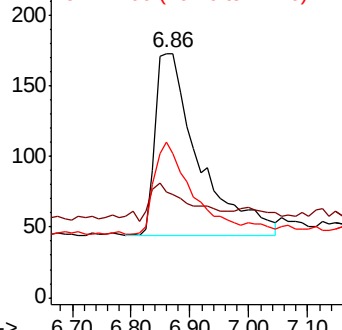
99 100

42 19.0 10.4 15.6#

71 43.4 32.4 48.6



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.291 ng

RT: 7.11 min Scan# 369

Delta R.T. -0.02 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

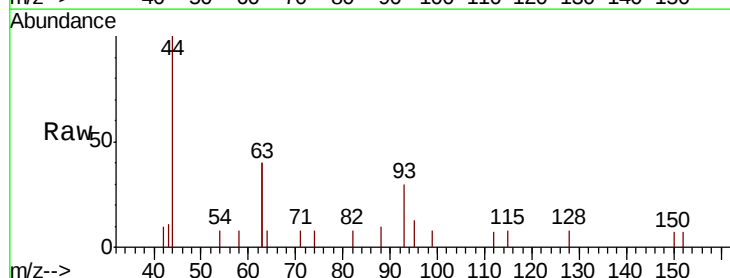
Tgt Ion: 93 Resp: 454

Ion Ratio Lower Upper

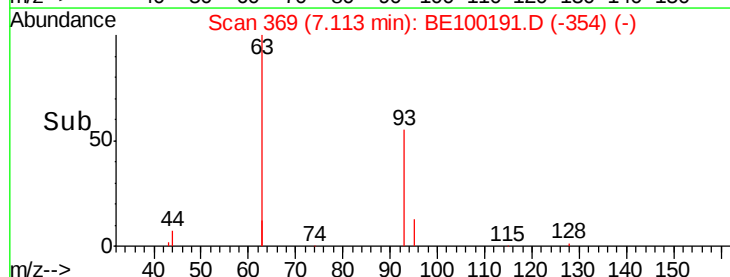
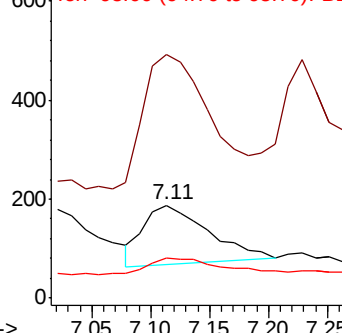
93 100

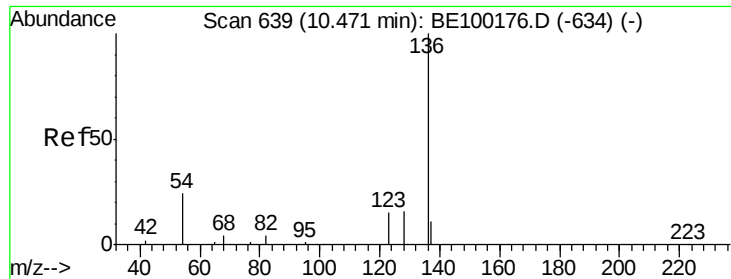
63 236.8 0.0 0.0#

95 32.2 21.0 31.6#



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 639

Delta R.T. -0.00 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

Instrument :

BNA_E

ClientSampleId :

PB120737BS

Tgt Ion: 136 Resp: 1909

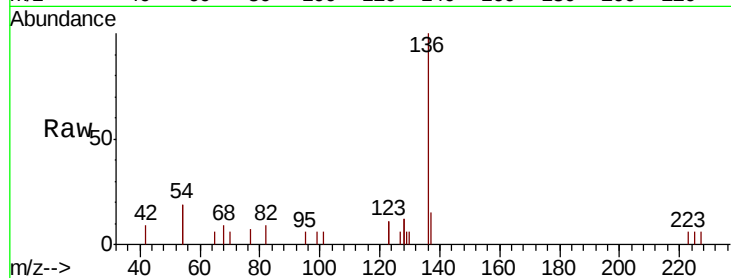
Ion Ratio Lower Upper

136 100

137 15.0 13.8 20.8

54 38.0 35.4 53.2

68 8.9 8.8 13.2

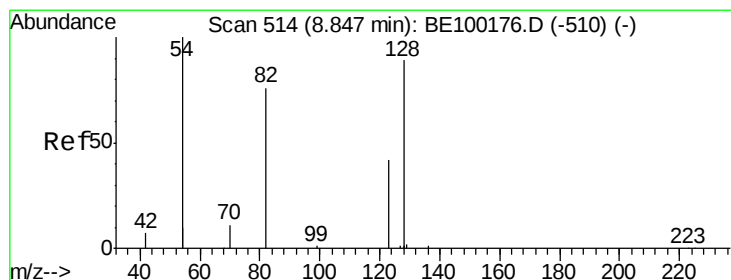
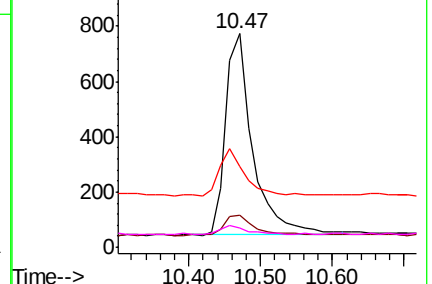
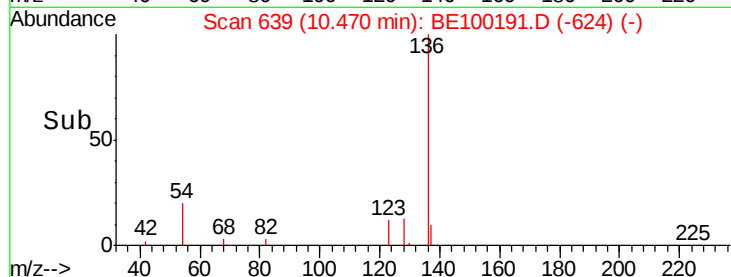


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.397 ng

RT: 8.85 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

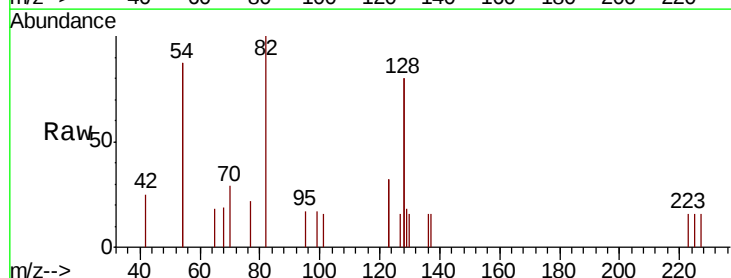
Tgt Ion: 82 Resp: 754

Ion Ratio Lower Upper

82 100

128 160.1 144.6 217.0

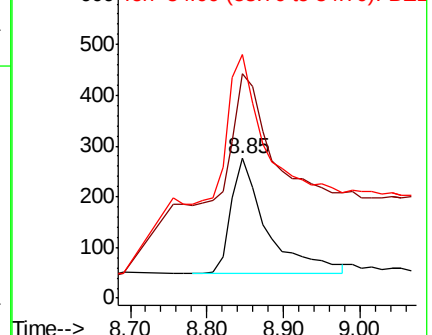
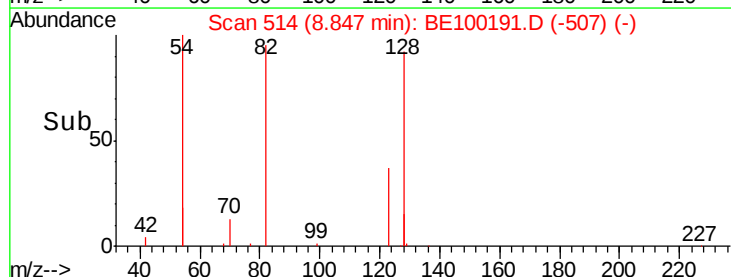
54 173.9 163.0 244.6

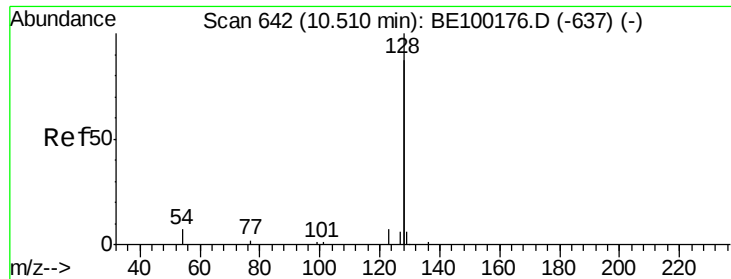


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.425 ng

RT: 10.51 min Scan# 642

Delta R.T. -0.00 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

Instrument :

BNA_E

ClientSampleId :

PB120737BS

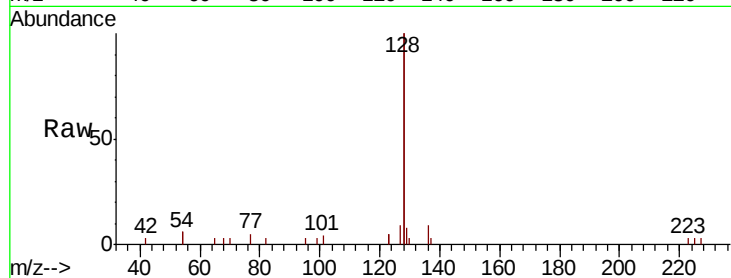
Tgt Ion:128 Resp: 8850

Ion Ratio Lower Upper

128 100

129 3.9 3.6 5.4

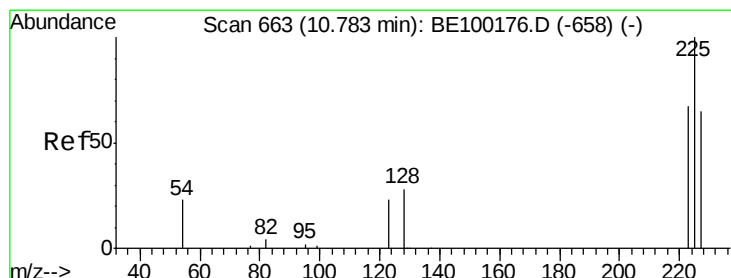
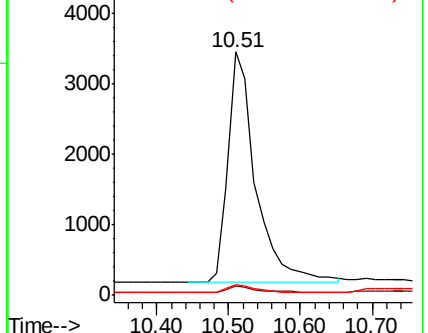
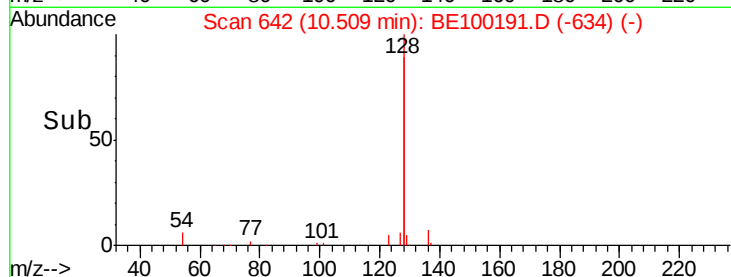
127 4.3 3.8 5.8



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: 0.401 ng

RT: 10.78 min Scan# 663

Delta R.T. -0.00 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

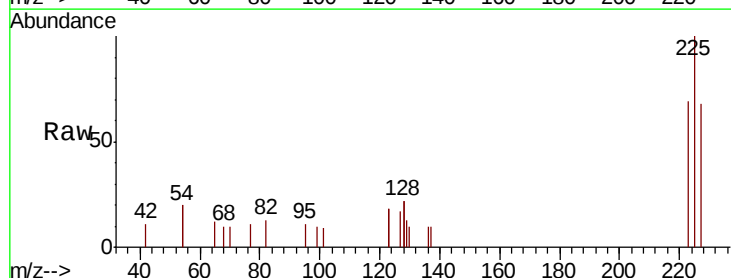
Tgt Ion:225 Resp: 863

Ion Ratio Lower Upper

225 100

223 64.3 50.1 75.1

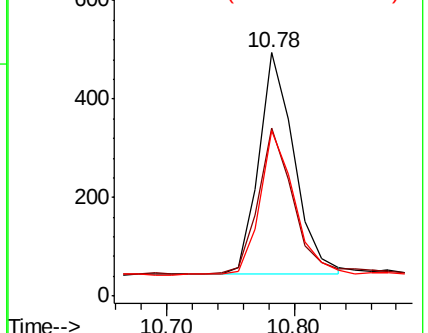
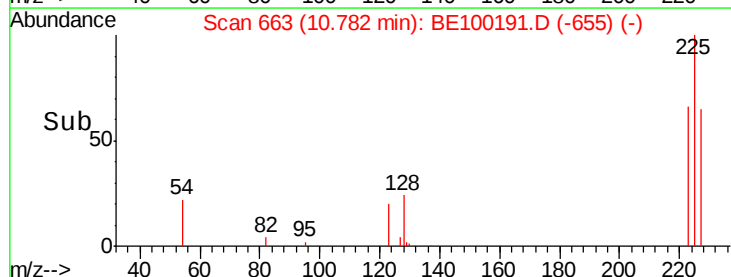
227 63.7 50.9 76.3

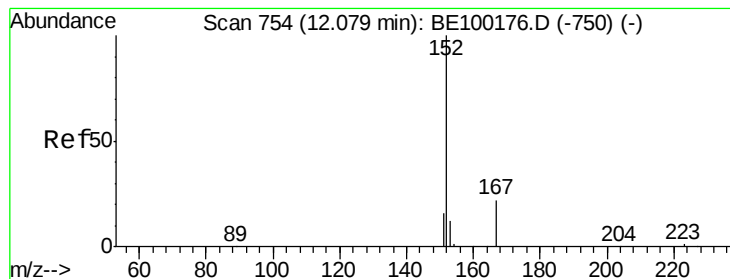


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.395 ng

RT: 12.08 min Scan# 754

Delta R.T. 0.00 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

Instrument :

BNA_E

ClientSampleId :

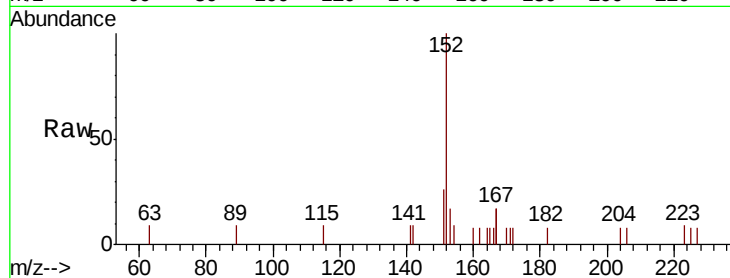
PB120737BS

Tgt Ion:152 Resp: 1415

Ion Ratio Lower Upper

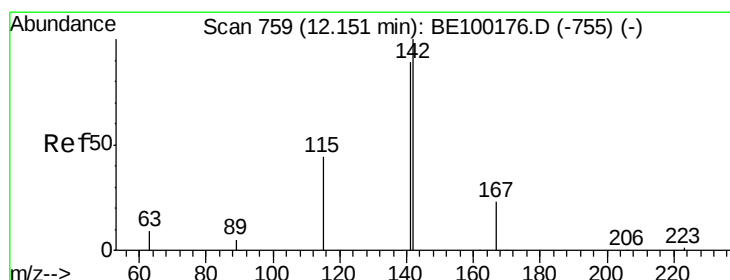
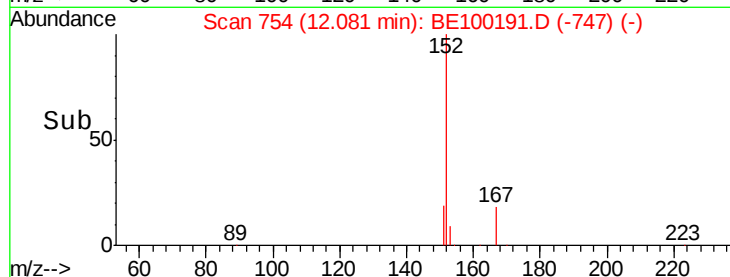
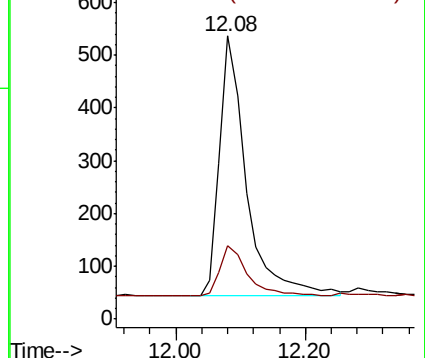
152 100

151 20.4 16.3 24.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.414 ng

RT: 12.15 min Scan# 759

Delta R.T. 0.00 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

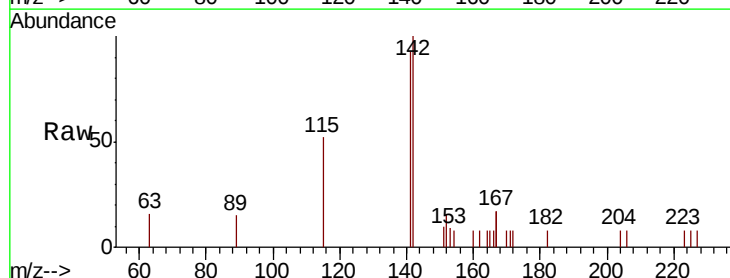
Tgt Ion:142 Resp: 1390

Ion Ratio Lower Upper

142 100

141 93.0 71.8 107.8

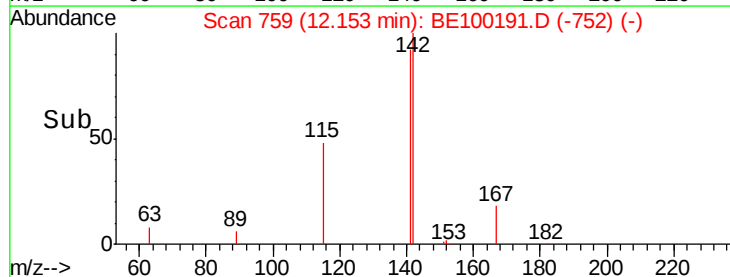
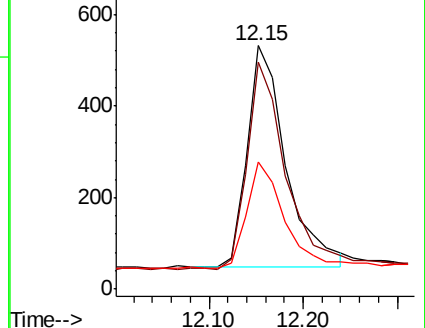
115 52.4 40.4 60.6

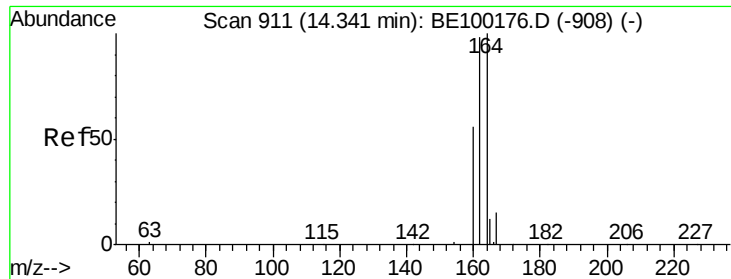


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

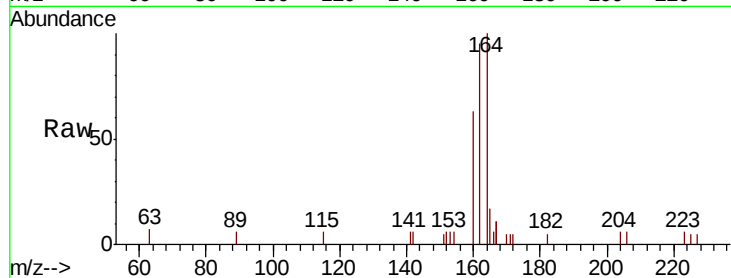




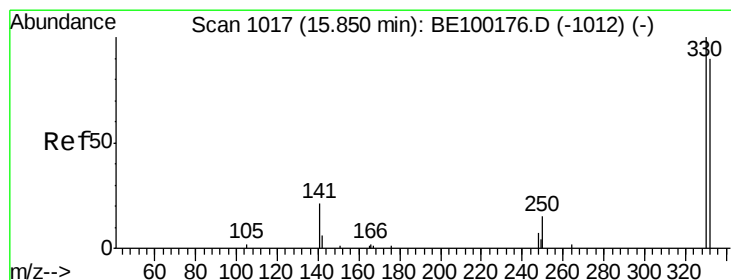
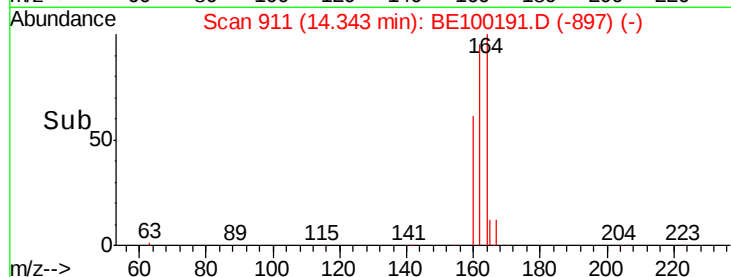
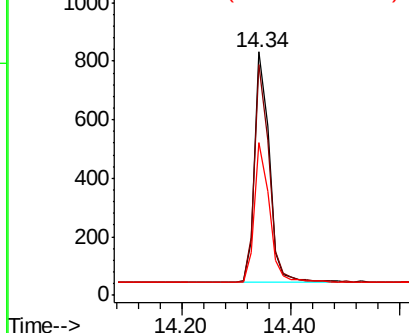
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.34 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BE100191.D
 Acq: 26 Jun 2019 12:43

Instrument :
 BNA_E
 ClientSampleId :
 PB120737BS

Tgt Ion:164 Resp: 1453
 Ion Ratio Lower Upper
 164 100
 162 95.0 78.6 118.0
 160 63.0 46.9 70.3

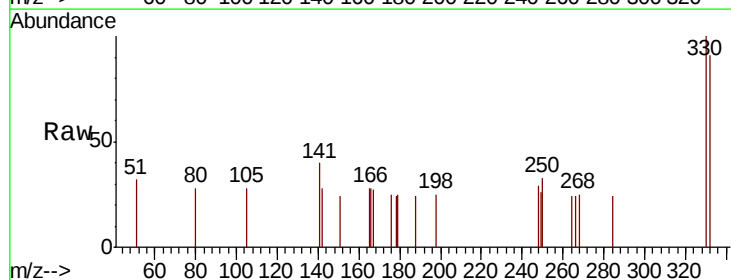


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

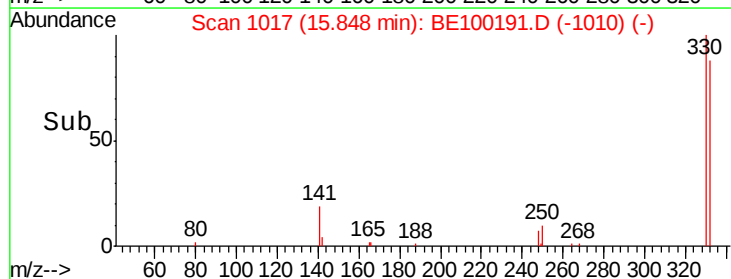
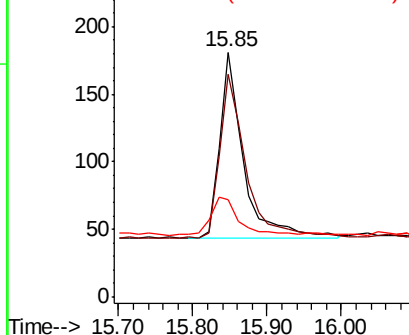


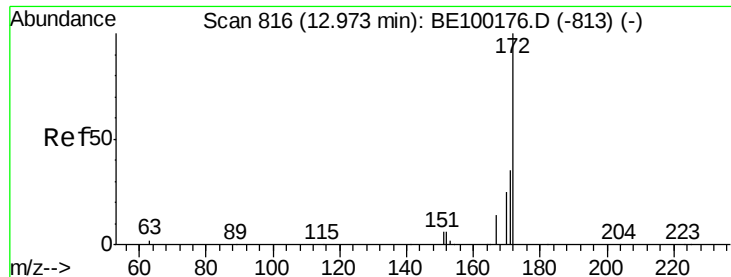
#14
 2,4,6-Tribromophenol
 Concen: 0.372 ng
 RT: 15.85 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BE100191.D
 Acq: 26 Jun 2019 12:43

Tgt Ion:330 Resp: 313
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.7 116.5
 141 22.4 18.9 28.3



Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

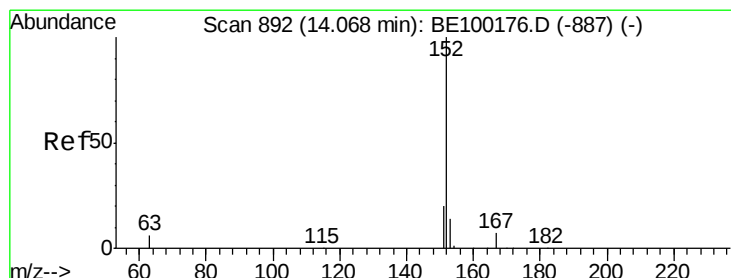
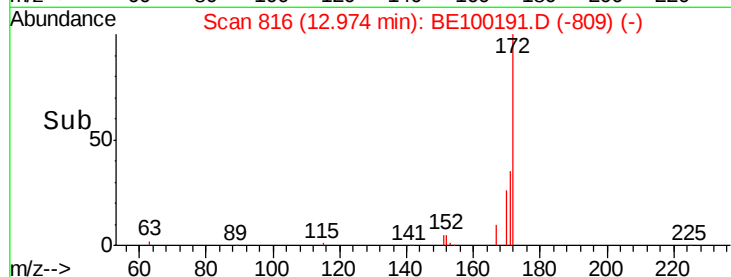
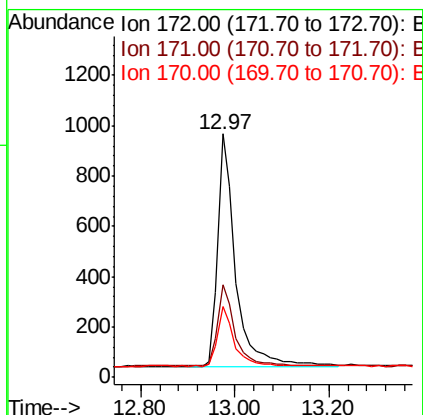
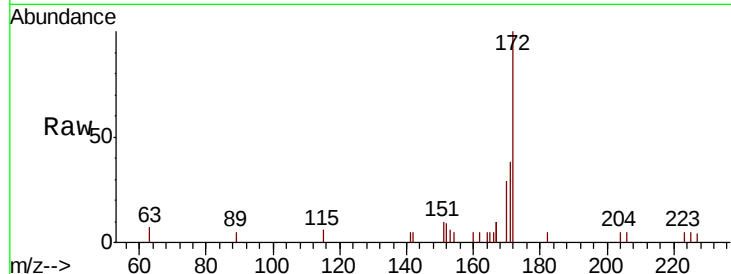




#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 12.97 min Scan# 816
Delta R.T. 0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

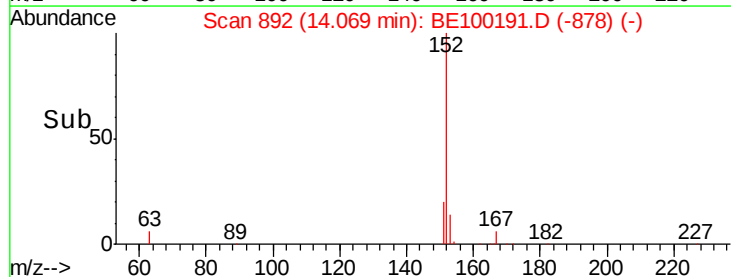
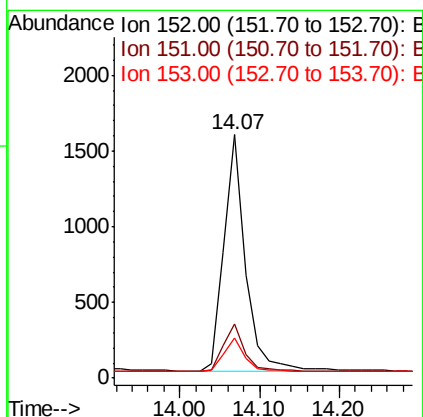
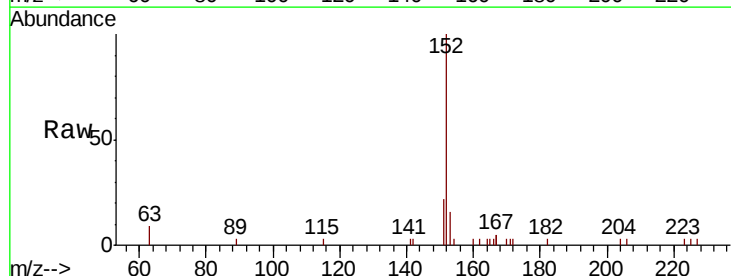
Instrument :
BNA_E
ClientSampleId :
PB120737BS

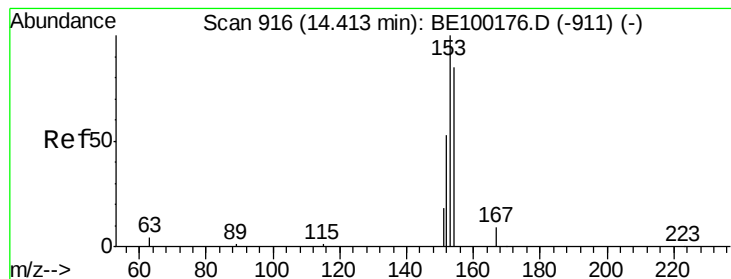
Tgt Ion:172 Resp: 2434
Ion Ratio Lower Upper
172 100
171 37.8 31.0 46.4
170 29.3 23.9 35.9



#16
Acenaphthylene
Concen: 0.413 ng
RT: 14.07 min Scan# 892
Delta R.T. 0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Tgt Ion:152 Resp: 2927
Ion Ratio Lower Upper
152 100
151 20.0 15.4 23.0
153 14.0 10.8 16.2





#17

Acenaphthene

Concen: 0.396 ng

RT: 14.41 min Scan# 916

Delta R.T. 0.00 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

Instrument :

BNA_E

ClientSampleId :

PB120737BS

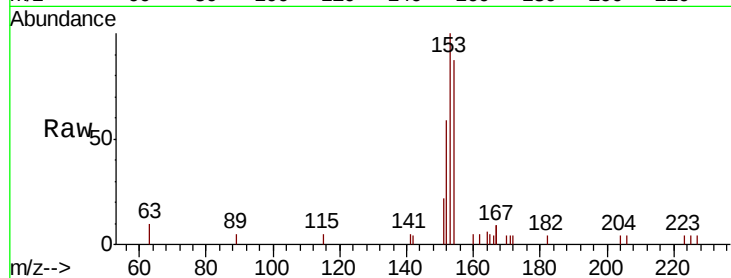
Tgt Ion:154 Resp: 1573

Ion Ratio Lower Upper

154 100

153 123.6 95.3 142.9

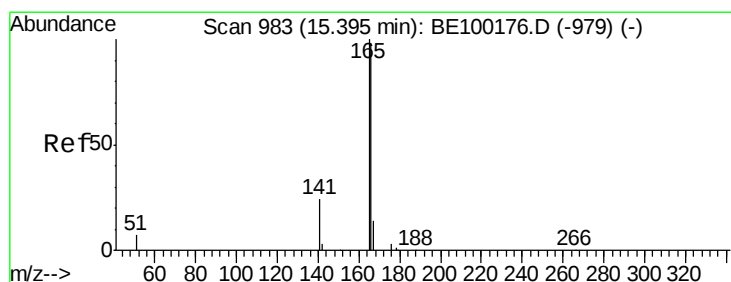
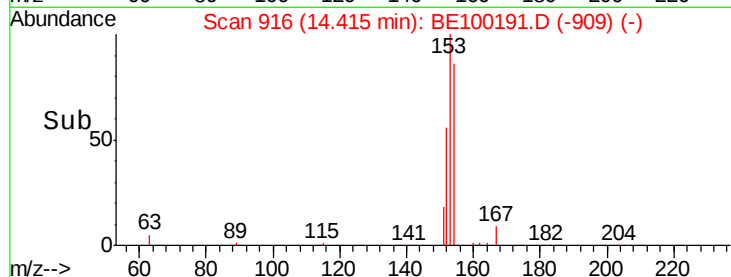
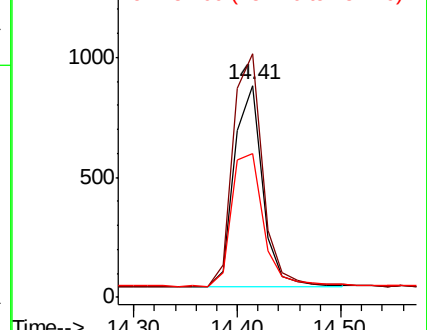
152 74.8 52.9 79.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.419 ng

RT: 15.39 min Scan# 983

Delta R.T. -0.00 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

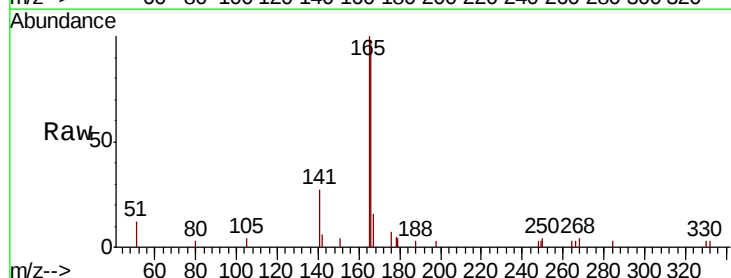
Tgt Ion:166 Resp: 2406

Ion Ratio Lower Upper

166 100

165 101.8 81.0 121.4

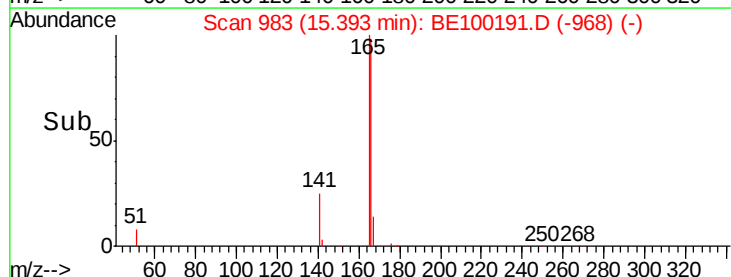
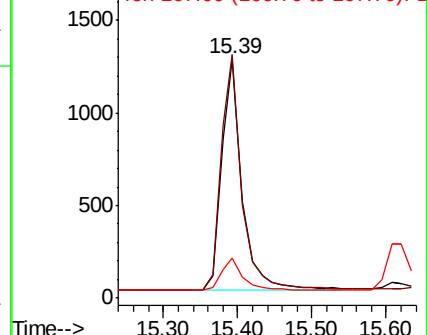
167 13.6 11.4 17.0

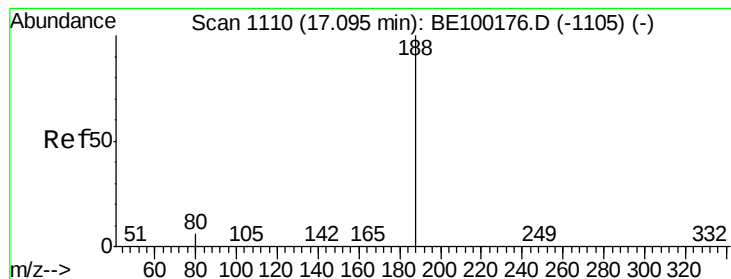


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.09 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

Instrument :

BNA_E

ClientSampleId :

PB120737BS

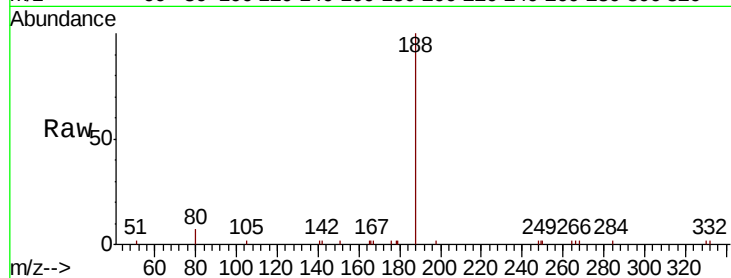
Tgt Ion:188 Resp: 4451

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

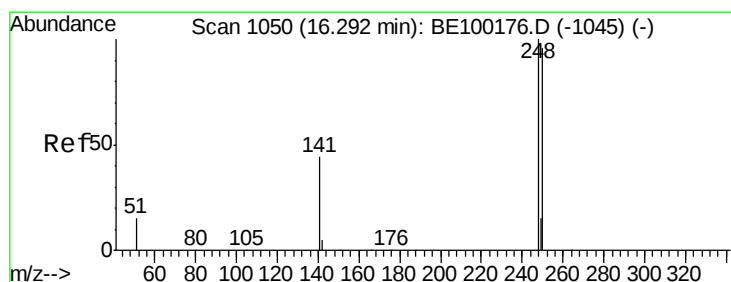
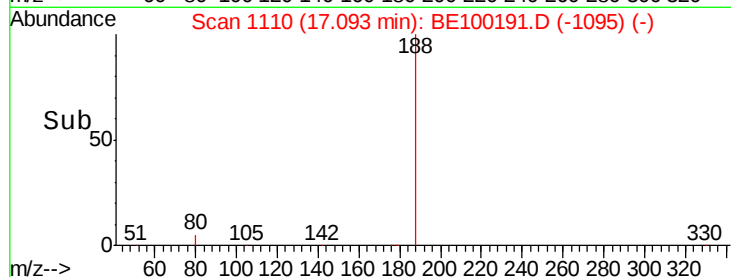
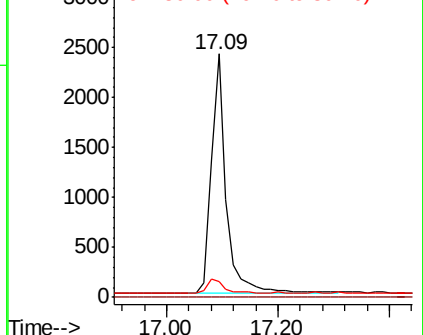
80 6.6 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.396 ng

RT: 16.29 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

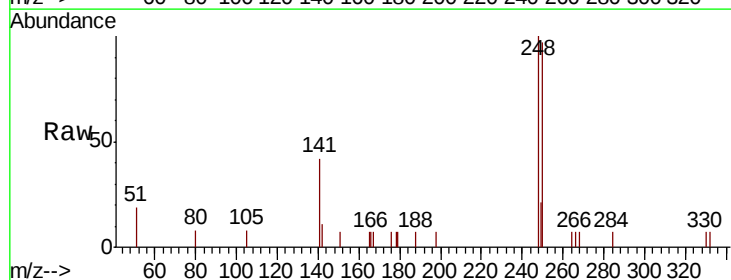
Tgt Ion:248 Resp: 1095

Ion Ratio Lower Upper

248 100

250 97.2 77.1 115.7

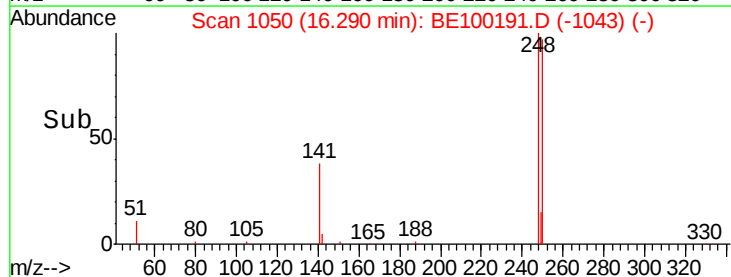
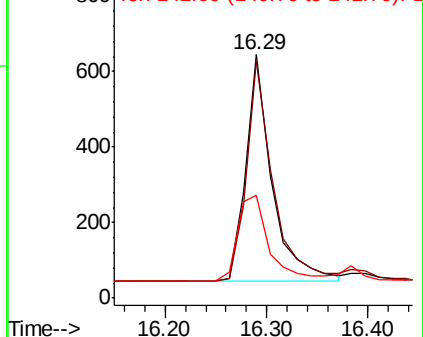
141 42.2 39.5 59.3

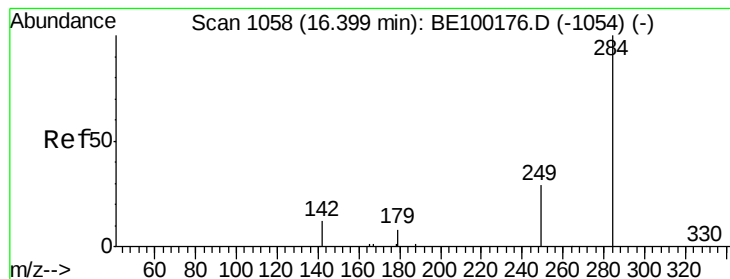


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.424 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

Instrument :

BNA_E

ClientSampled :

PB120737BS

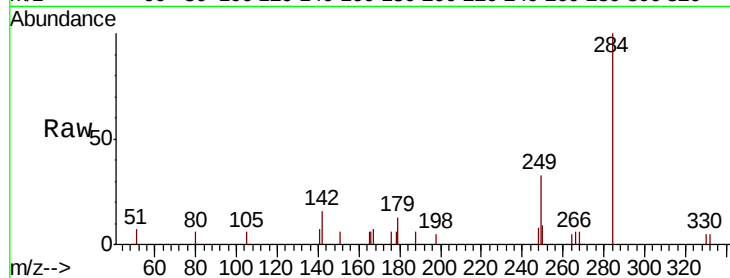
Tgt Ion:284 Resp: 1286

Ion Ratio Lower Upper

284 100

142 23.5 20.1 30.1

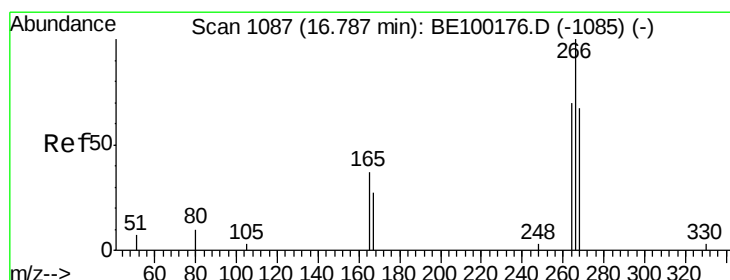
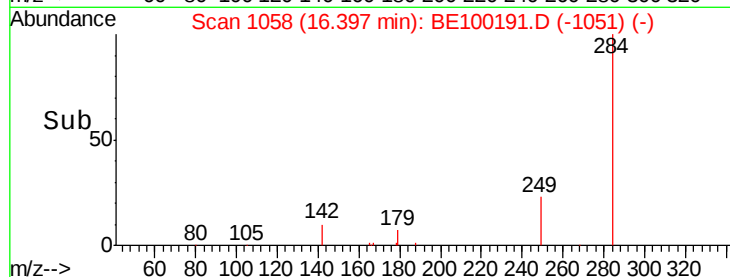
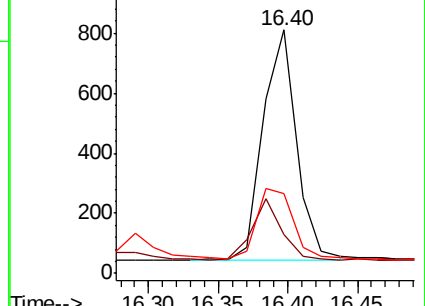
249 32.7 26.2 39.4



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: 2.511 ng

RT: 16.75 min Scan# 1084

Delta R.T. -0.04 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

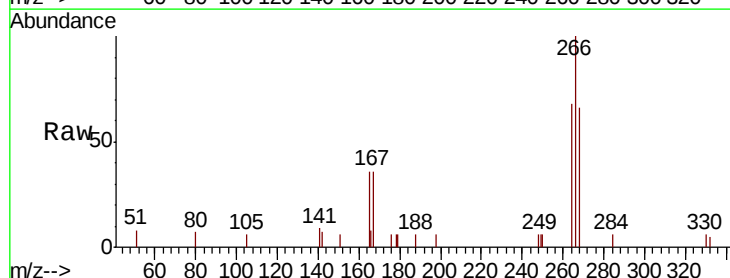
Tgt Ion:266 Resp: 2286

Ion Ratio Lower Upper

266 100

264 67.6 67.7 101.5#

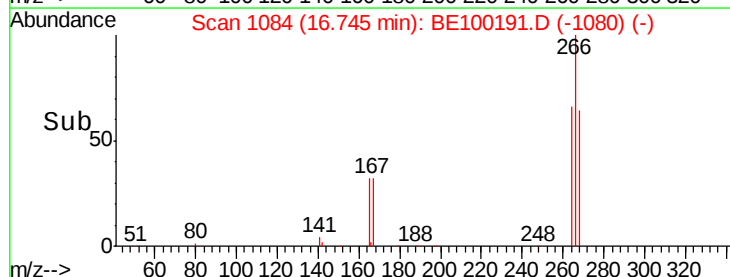
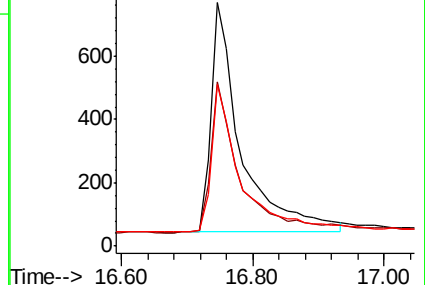
268 66.2 69.8 104.6#

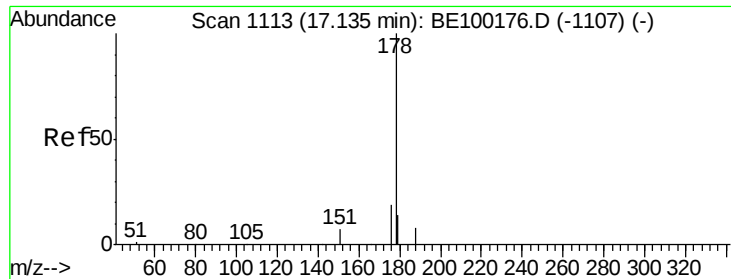


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.434 ng

RT: 17.13 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

Instrument :

BNA_E

ClientSampleId :

PB120737BS

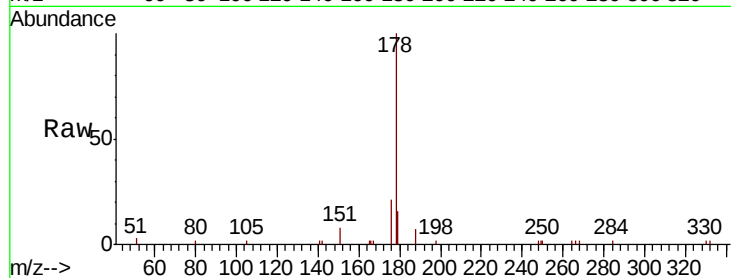
Tgt Ion:178 Resp: 4577

Ion Ratio Lower Upper

178 100

176 20.1 15.5 23.3

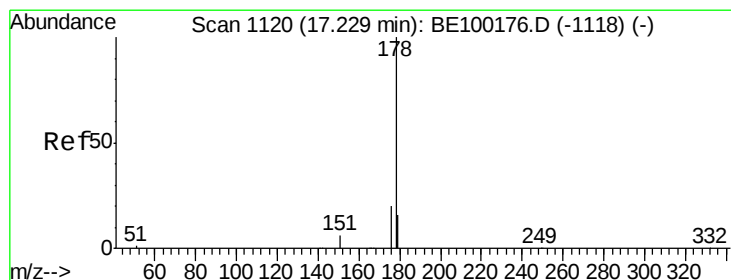
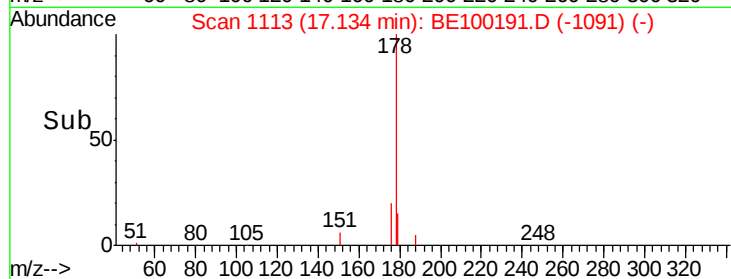
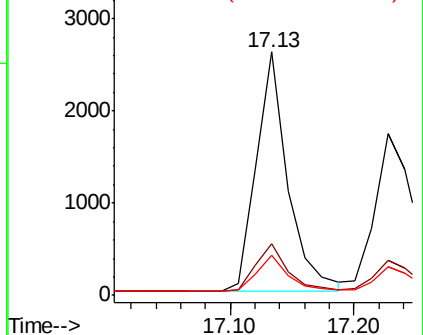
179 14.9 12.2 18.2



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: 0.407 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

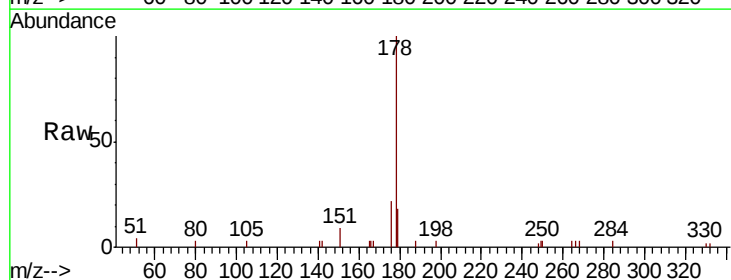
Tgt Ion:178 Resp: 3628

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

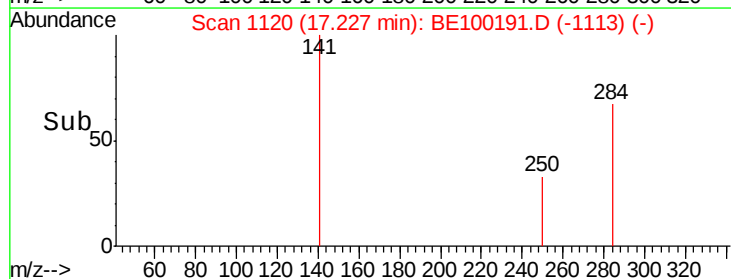
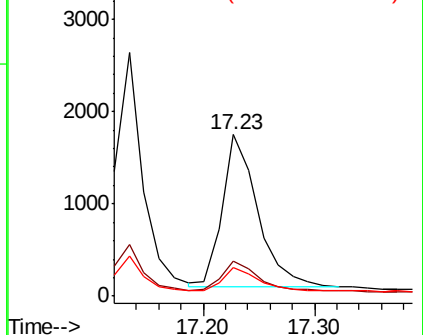
179 15.4 12.9 19.3

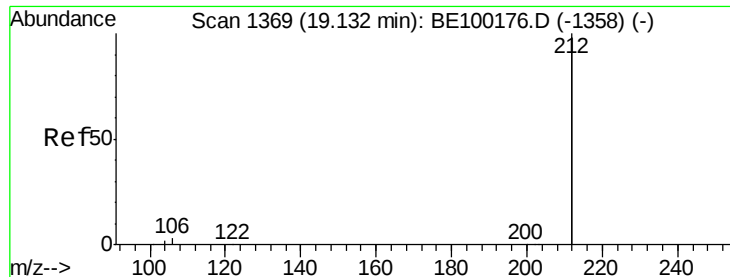


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.389 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

Instrument :

BNA_E

ClientSampleId :

PB120737BS

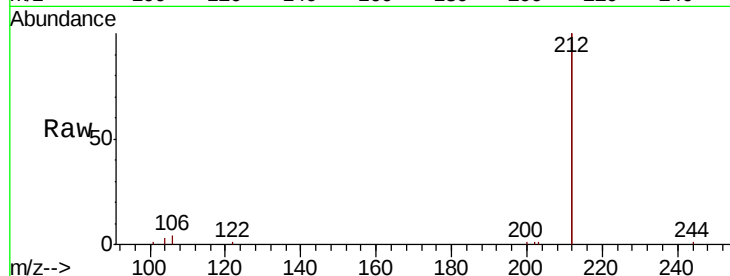
Tgt Ion:212 Resp: 24938

Ion Ratio Lower Upper

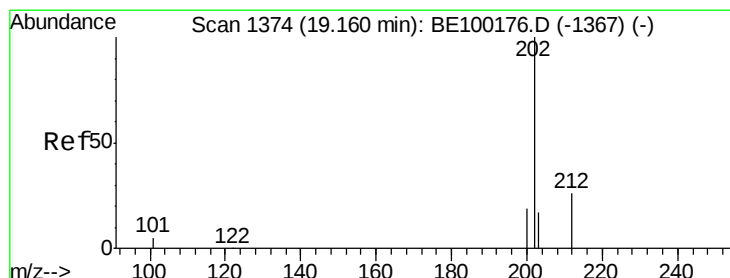
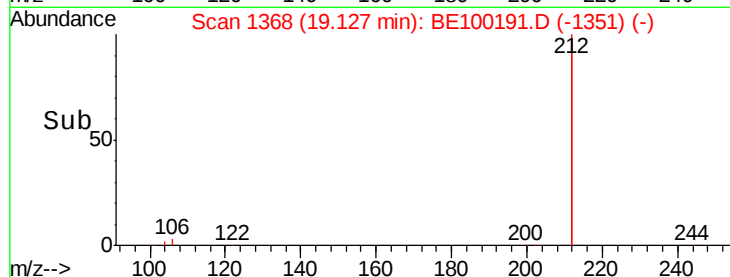
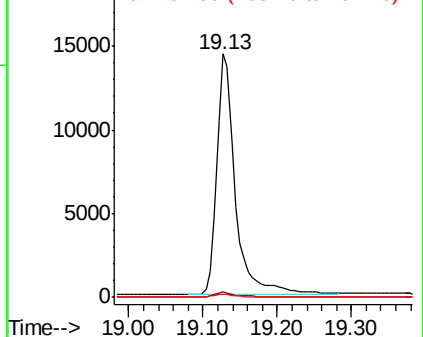
212 100

106 1.5 1.3 1.9

104 0.9 0.7 1.1



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: 0.423 ng

RT: 19.16 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

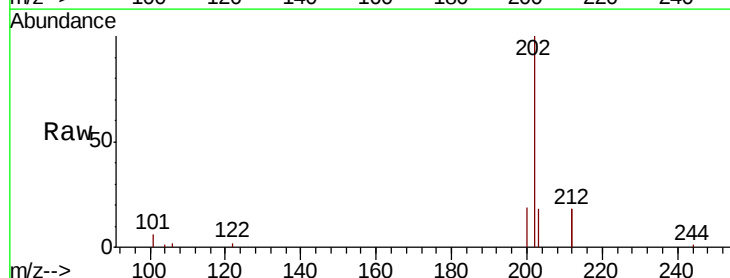
Tgt Ion:202 Resp: 7257

Ion Ratio Lower Upper

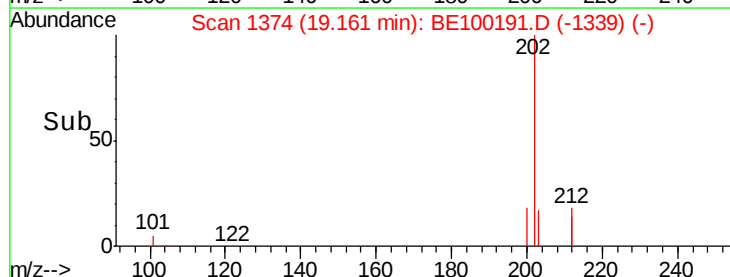
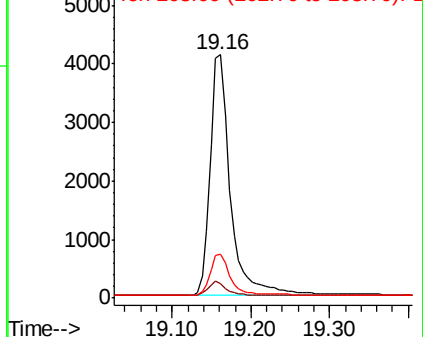
202 100

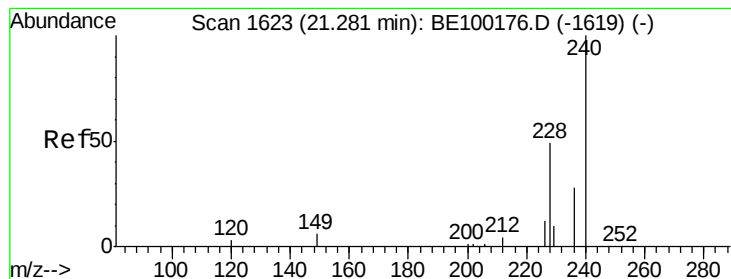
101 5.8 4.5 6.7

203 16.8 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

Instrument :

BNA_E

ClientSampleId :

PB120737BS

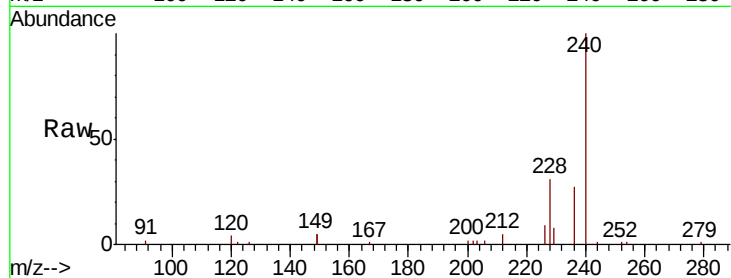
Tgt Ion:240 Resp: 7222

Ion Ratio Lower Upper

240 100

120 3.7 4.1 6.1#

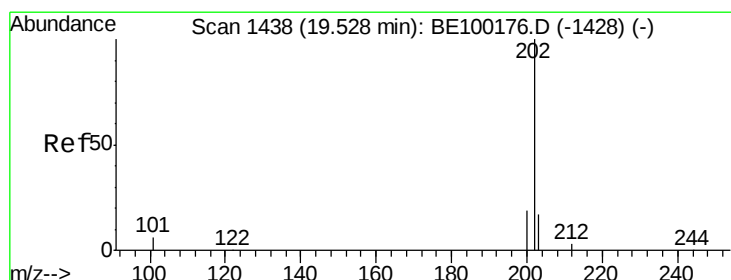
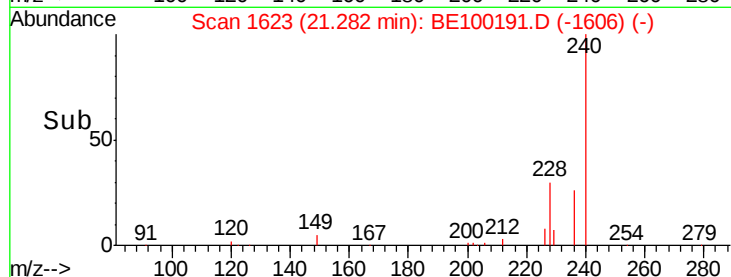
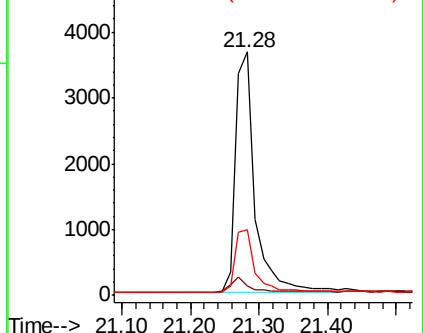
236 27.1 23.0 34.6



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: 0.392 ng

RT: 19.52 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

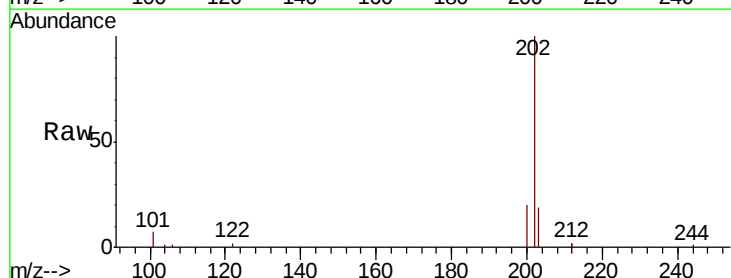
Tgt Ion:202 Resp: 7253

Ion Ratio Lower Upper

202 100

200 19.8 15.5 23.3

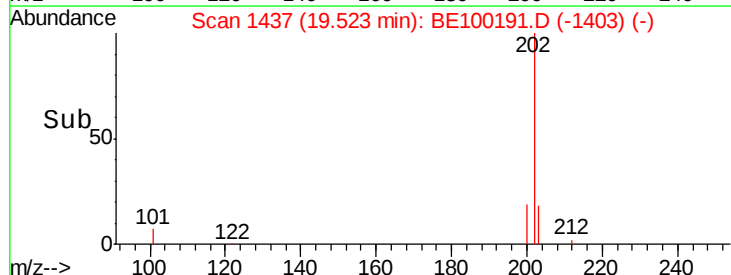
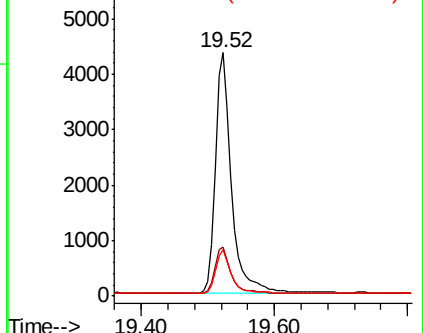
203 17.6 13.9 20.9

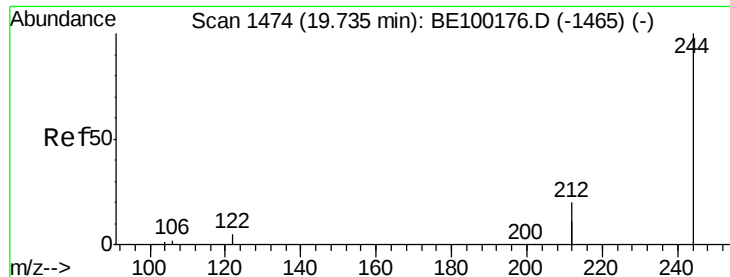


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.357 ng

RT: 19.73 min Scan# 1473

Delta R.T. -0.00 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

Instrument :

BNA_E

ClientSampleId :

PB120737BS

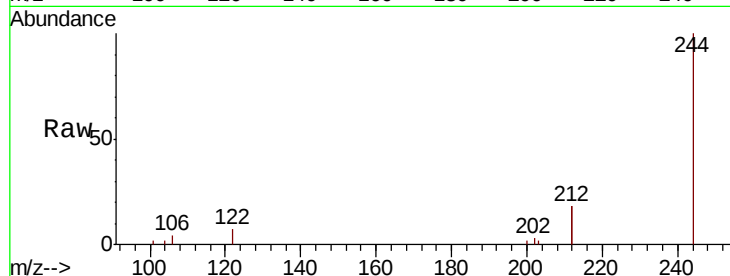
Tgt Ion:244 Resp: 5056

Ion Ratio Lower Upper

244 100

212 36.4 30.7 46.1

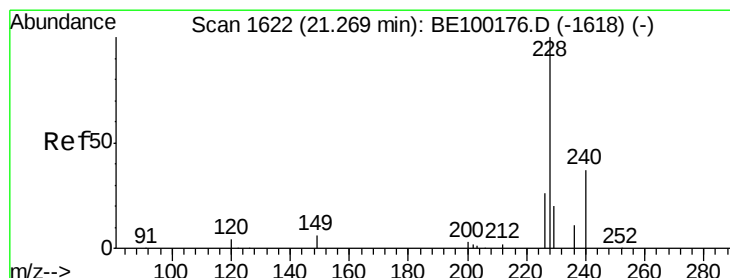
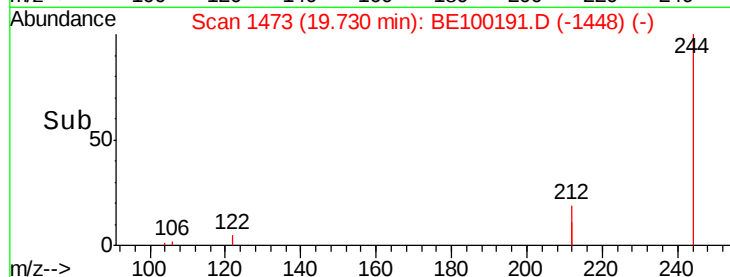
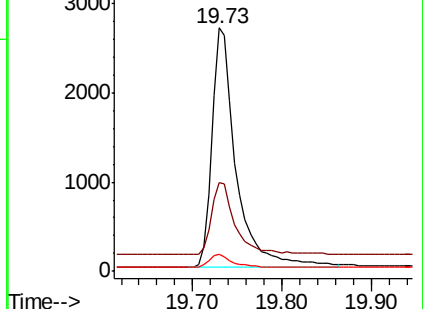
122 6.9 5.8 8.6



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: 0.392 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

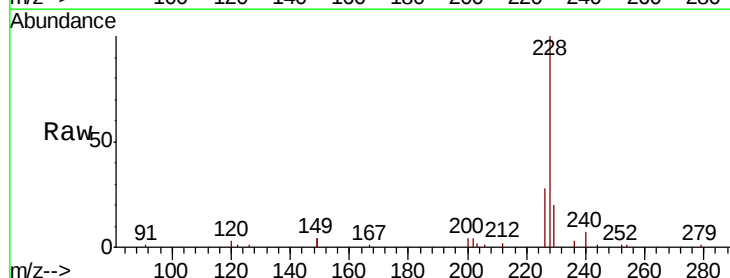
Tgt Ion:228 Resp: 8340

Ion Ratio Lower Upper

228 100

226 28.2 21.5 32.3

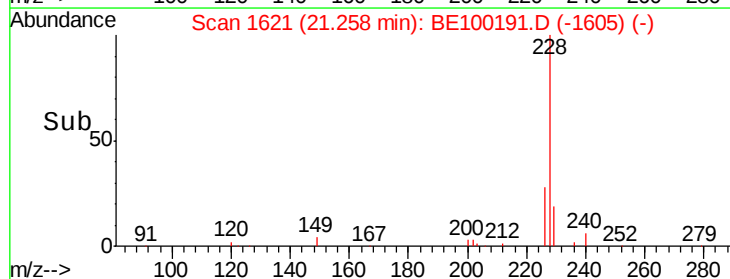
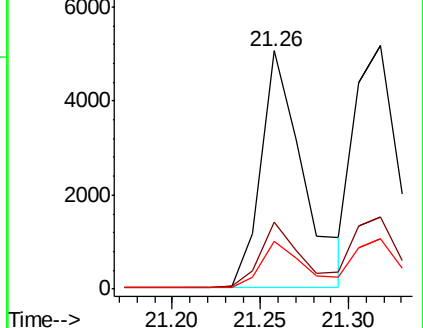
229 19.8 17.2 25.8

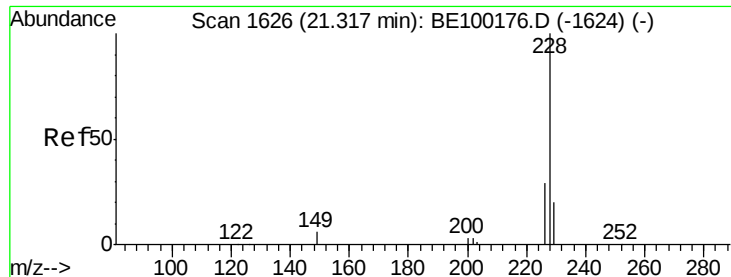


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.369 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

Instrument :

BNA_E

ClientSampleId :

PB120737BS

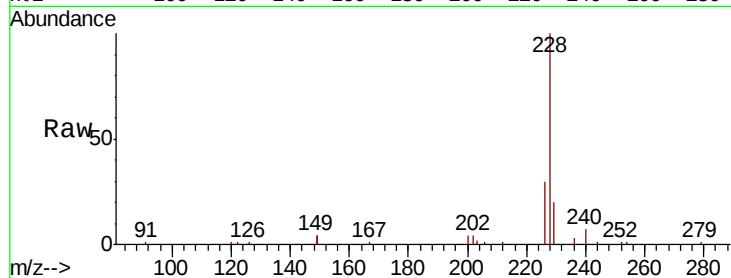
Tgt Ion:228 Resp: 9205

Ion Ratio Lower Upper

228 100

226 29.9 23.7 35.5

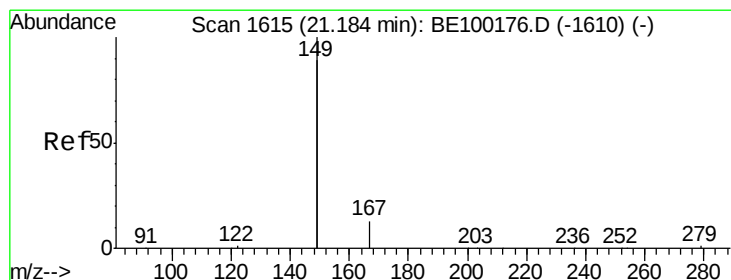
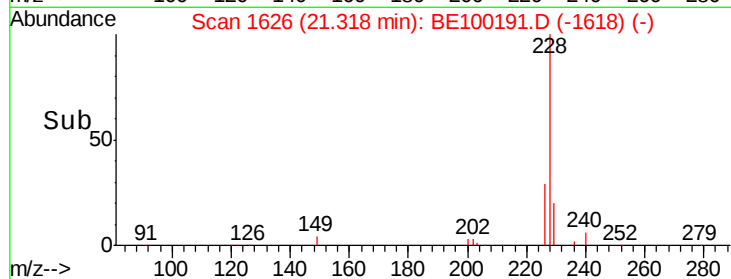
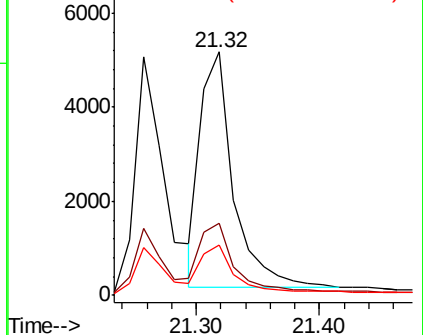
229 20.4 16.5 24.7



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: 0.274 ng

RT: 21.19 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

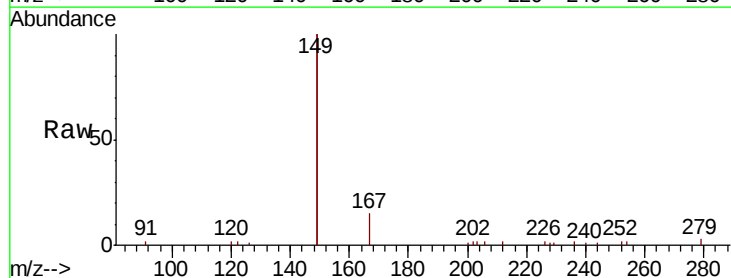
Tgt Ion:149 Resp: 6717

Ion Ratio Lower Upper

149 100

167 7.2 5.9 8.9

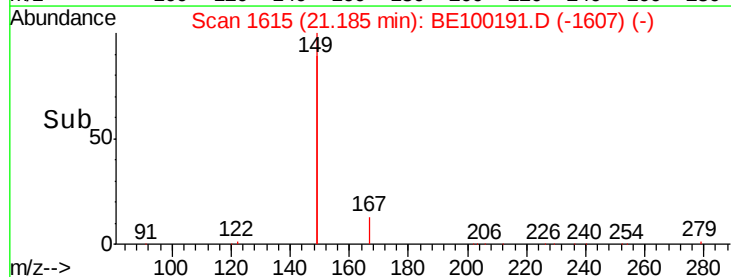
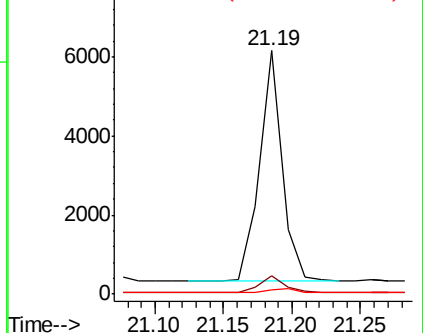
279 1.8 1.0 1.6#

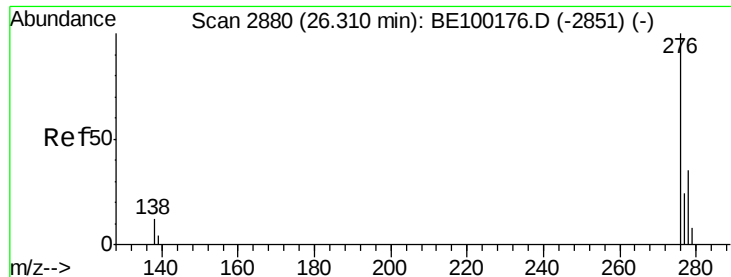


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.328 ng

RT: 26.30 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

Instrument :

BNA_E

ClientSampleId :

PB120737BS

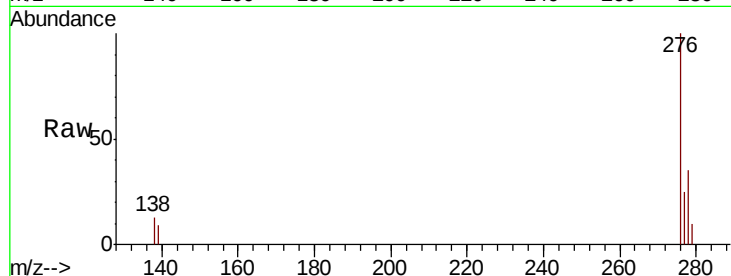
Tgt Ion:276 Resp: 11659

Ion Ratio Lower Upper

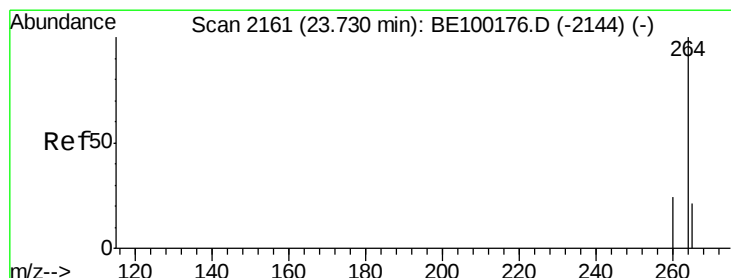
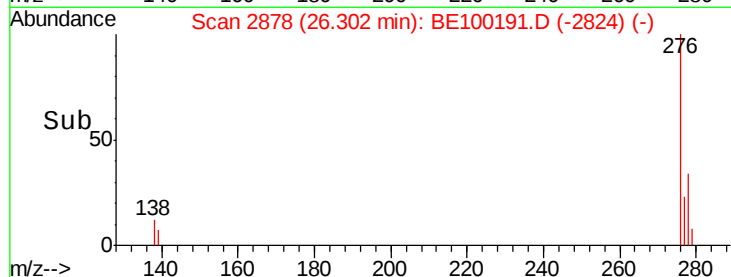
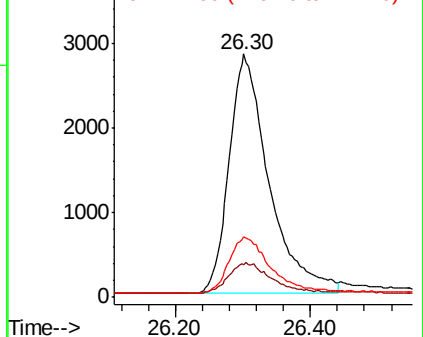
276 100

138 13.3 3.7 5.5#

277 24.6 18.7 28.1



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: 23.72 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

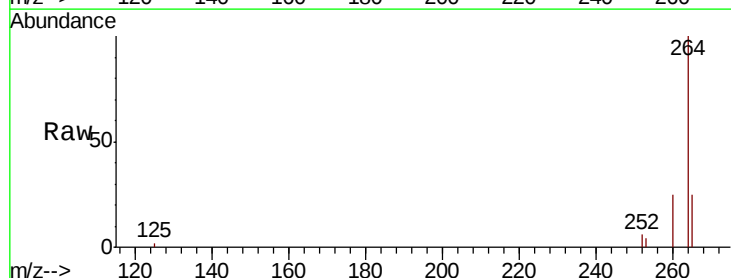
Tgt Ion:264 Resp: 7942

Ion Ratio Lower Upper

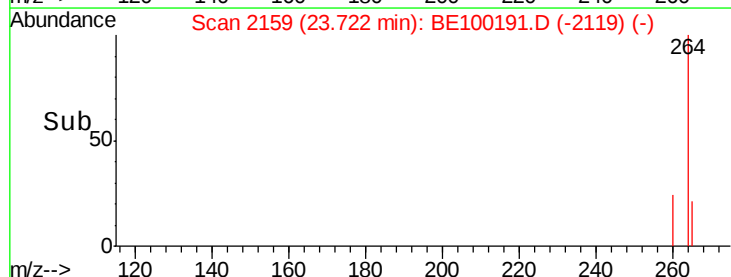
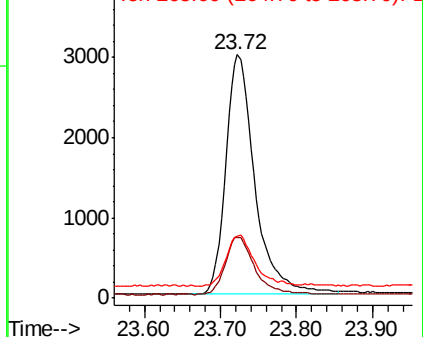
264 100

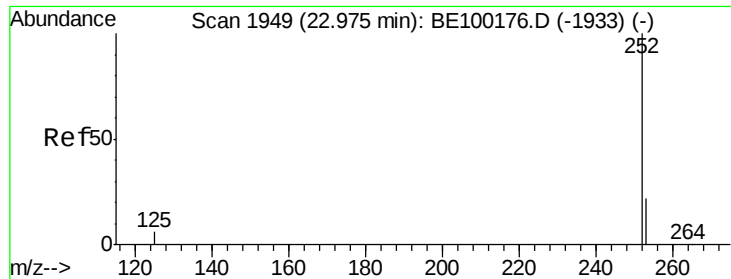
260 25.0 20.4 30.6

265 25.3 22.5 33.7



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: 0.435 ng

RT: 22.97 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

Instrument :

BNA_E

ClientSampleId :

PB120737BS

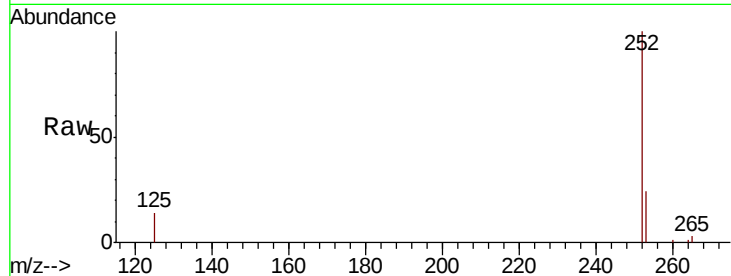
Tgt Ion:252 Resp: 9294

Ion Ratio Lower Upper

252 100

253 23.8 19.0 28.4

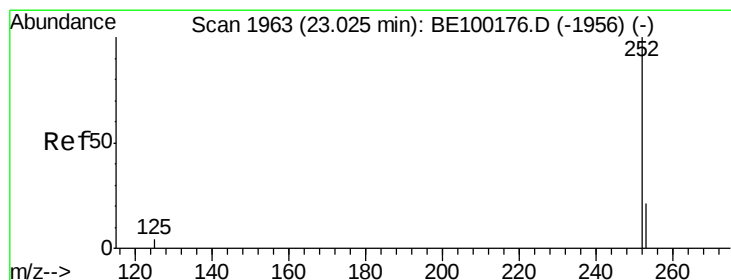
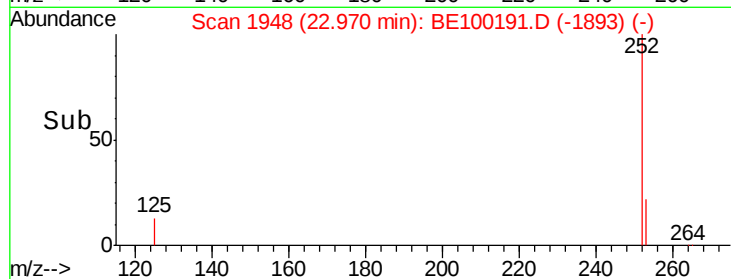
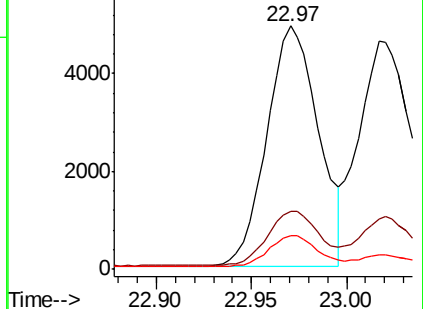
125 14.1 6.3 9.5#



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: 0.410 ng

RT: 23.02 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

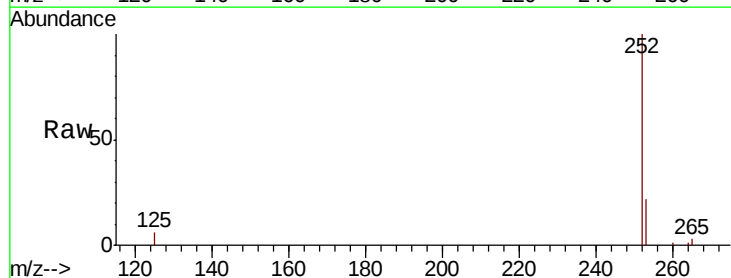
Tgt Ion:252 Resp: 10471

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

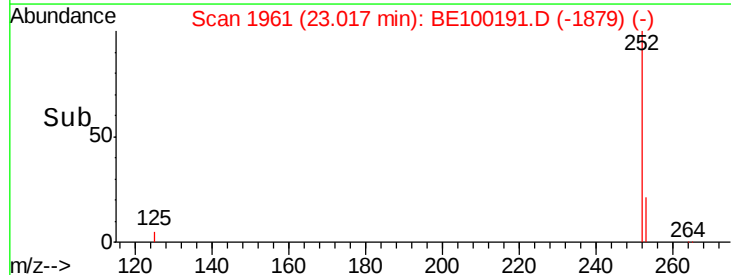
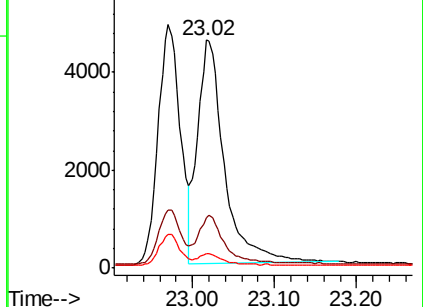
125 6.3 5.0 7.4

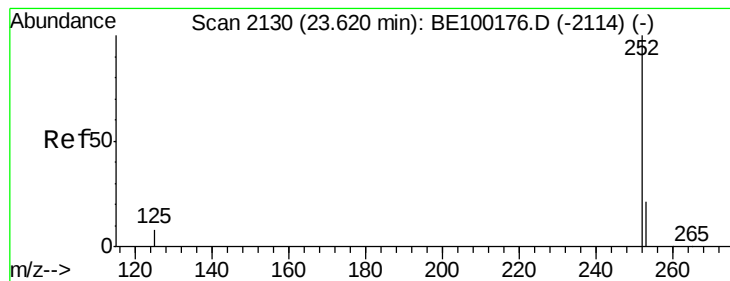


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.434 ng

RT: 23.61 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

Instrument :

BNA_E

ClientSampleId :

PB120737BS

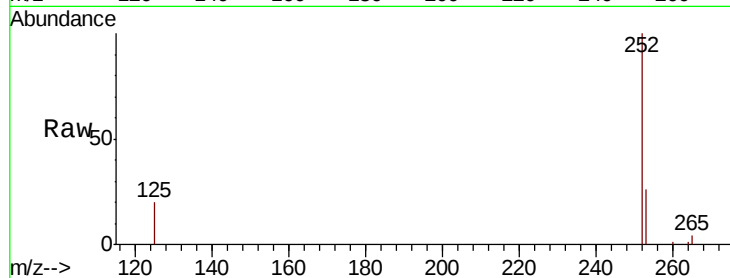
Tgt Ion: 252 Resp: 9616

Ion Ratio Lower Upper

252 100

253 25.5 19.2 28.8

125 20.3 8.2 12.2#

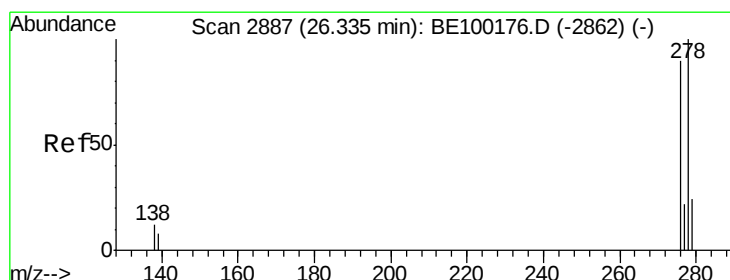
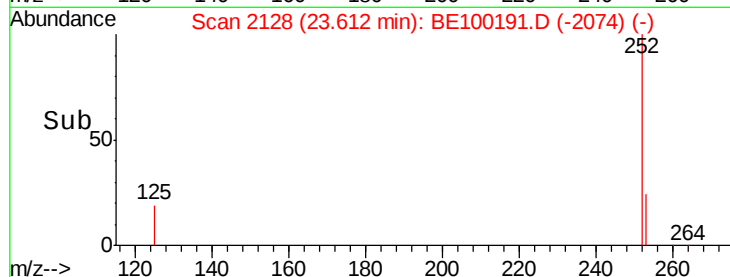
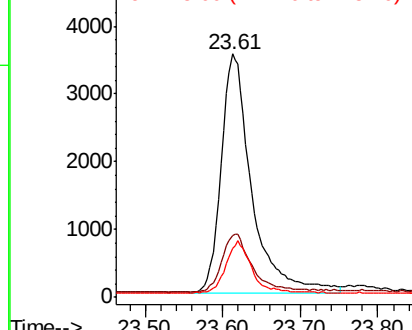


Abundance

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: 0.384 ng

RT: 26.33 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

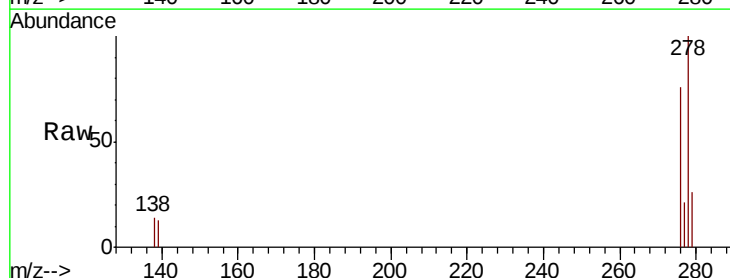
Tgt Ion: 278 Resp: 9102

Ion Ratio Lower Upper

278 100

139 12.6 9.0 13.4

279 25.7 21.1 31.7

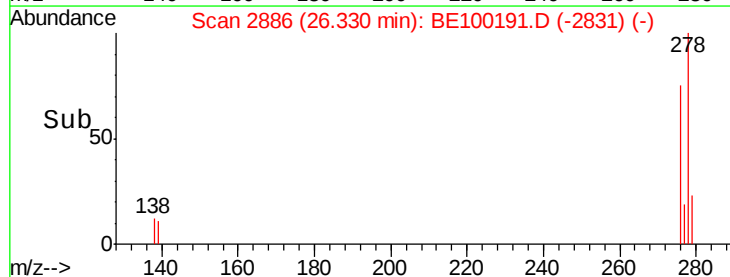
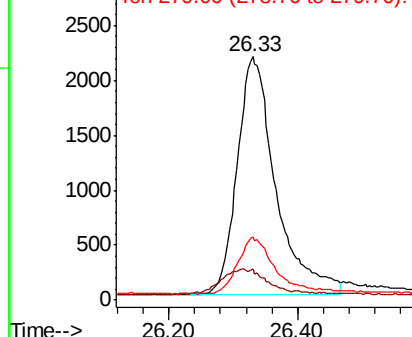


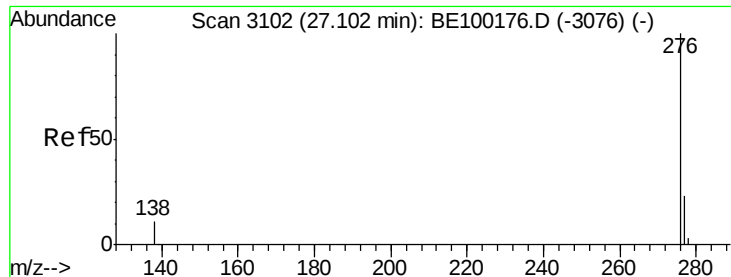
Abundance

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: 0.386 ng

RT: 27.09 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BE100191.D

Acq: 26 Jun 2019 12:43

Instrument :

BNA_E

ClientSampleId :

PB120737BS

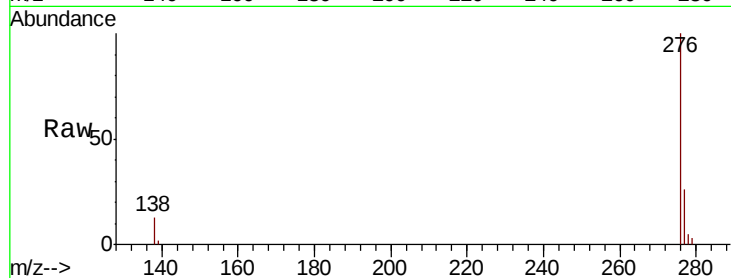
Tgt Ion: 276 Resp: 9553

Ion Ratio Lower Upper

276 100

277 25.9 19.8 29.6

138 12.7 10.2 15.4



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

