

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
 Data File : BE100041.D
 Acq On : 15 Jun 2019 1:57
 Operator : JU/SJ
 Sample : K3315-03MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE104D2-20190607MS

Quant Time: Jun 15 03:01:08 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 10 14:57:20 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	837	0.40	ng	-0.01
7) Naphthalene-d8	10.59	136	3000	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	2268	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	6812	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	8841	0.40	ng	-0.01
34) Perylene-d12	23.92	264	9987	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.37	112	346	0.15	ng	0.01
5) Phenol-d6	6.98	99	272	0.09	ng	0.01
8) Nitrobenzene-d5	8.96	82	1165	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	2154	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	550	0.33	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	3741	0.44	ng	-0.01
25) Fluoranthene-d10	19.24	212	32728	0.33	ng	0.00
29) Terphenyl-d14	19.84	244	9279	0.58	ng	0.00

Target Compounds

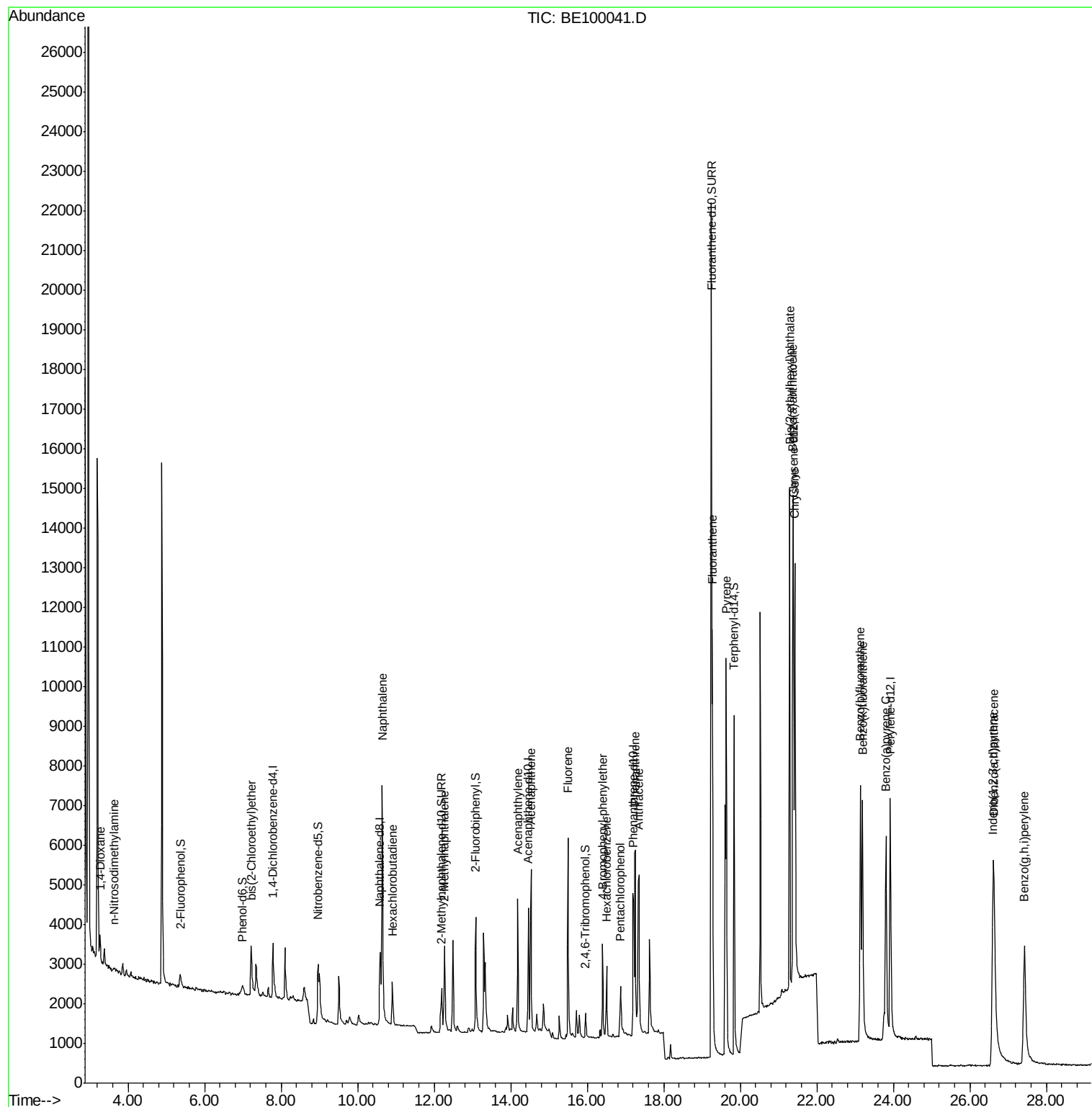
						Qvalue
2) 1,4-Dioxane	3.27	88	493	0.398	ng	# 84
3) n-Nitrosodimethylamine	3.63	42	89	0.125	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	1028	0.432	ng	85
9) Naphthalene	10.64	128	12255	0.378	ng	98
10) Hexachlorobutadiene	10.91	225	817	0.331	ng	97
12) 2-Methylnaphthalene	12.27	142	2043	0.388	ng	98
16) Acenaphthylene	14.18	152	4198	0.372	ng	100
17) Acenaphthene	14.53	154	2329	0.379	ng	97
18) Fluorene	15.50	166	3412	0.370	ng	98
20) 4-Bromophenyl-phenylether	16.40	248	1542	0.400	ng	# 94
21) Hexachlorobenzene	16.51	284	1489	0.378	ng	98
22) Pentachlorophenol	16.87	266	1230	0.948	ng	86
23) Phenanthrene	17.25	178	6478	0.392	ng	99
24) Anthracene	17.35	178	5677	0.375	ng	98
26) Fluoranthene	19.27	202	9931	0.353	ng	97
28) Pyrene	19.63	202	10407	0.448	ng	100
30) Benzo(a)anthracene	21.38	228	10726	0.406	ng	98
31) Chrysene	21.43	228	11283	0.413	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	16732	0.441	ng	99
33) Indeno(1,2,3-cd)pyrene	26.60	276	12059	0.372	ng	99
35) Benzo(b)fluoranthene	23.14	252	9968	0.356	ng	97
36) Benzo(k)fluoranthene	23.19	252	11757	0.402	ng	97
37) Benzo(a)pyrene	23.80	252	10457	0.379	ng	96
38) Dibenzo(a,h)anthracene	26.63	278	9866	0.355	ng	95
39) Benzo(g,h,i)perylene	27.43	276	10353	0.361	ng	96

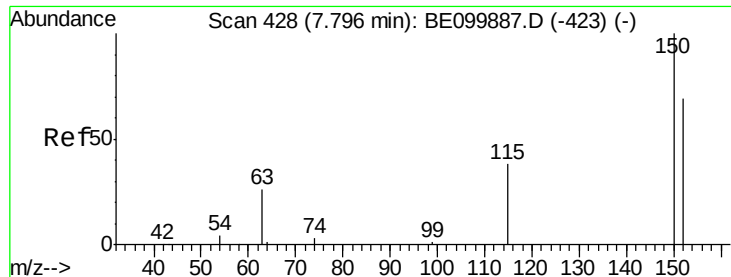
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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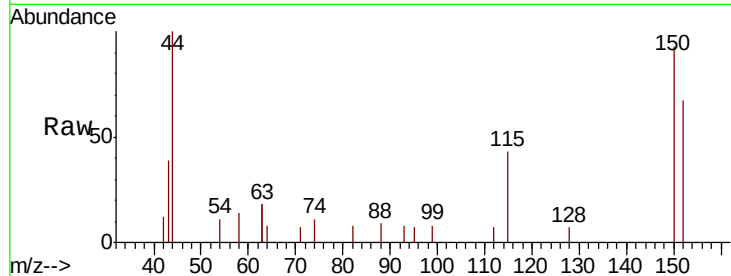


#1

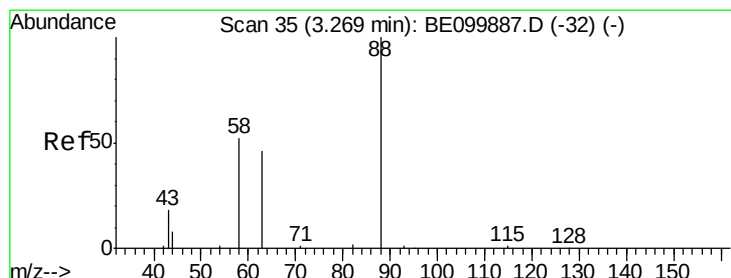
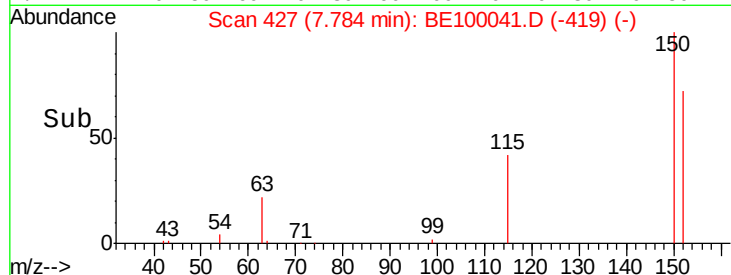
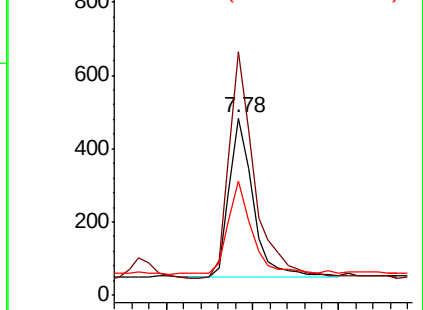
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE100041.D
Acq: 15 Jun 2019 1:57

Instrument :
BNA_E
ClientSampleId :
RE104D2-20190607MS

Tgt Ion: 152 Resp: 837
Ion Ratio Lower Upper
152 100
150 137.5 111.0 166.6
115 64.4 50.7 76.1



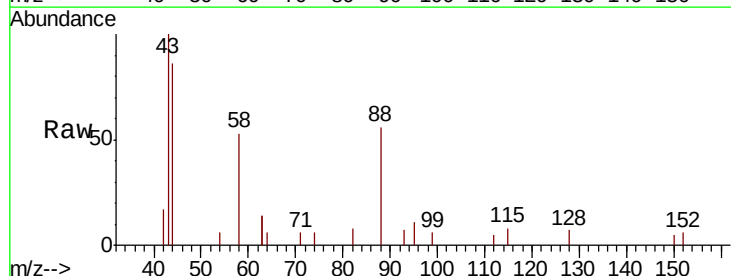
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



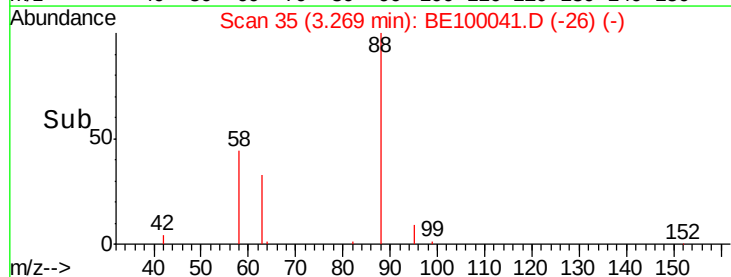
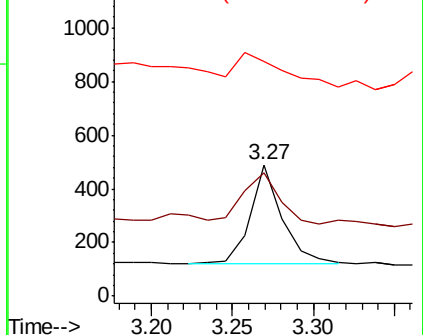
#2

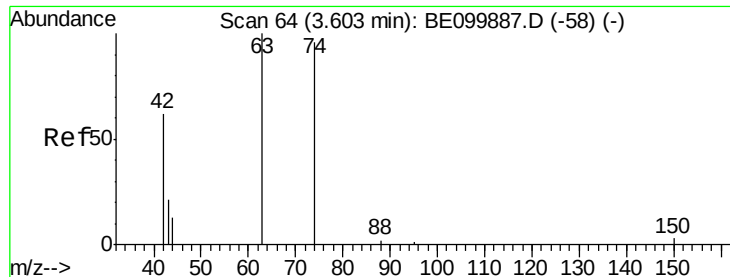
1,4-Dioxane
Concen: 0.398 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE100041.D
Acq: 15 Jun 2019 1:57

Tgt Ion: 88 Resp: 493
Ion Ratio Lower Upper
88 100
58 62.7 48.8 73.2
43 48.7 19.0 28.6#



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: 0.125 ng

RT: 3.63 min Scan# 66

Delta R.T. 0.02 min

Lab File: BE100041.D

Acq: 15 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

RE104D2-20190607MS

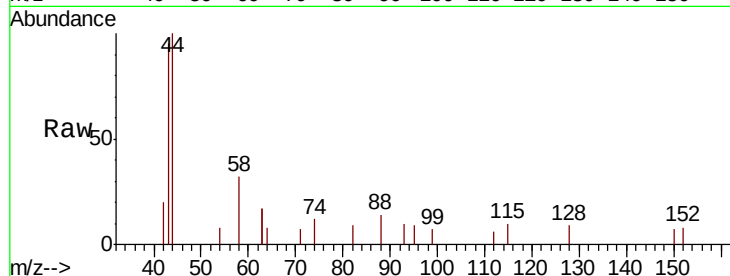
Tgt Ion: 42 Resp: 89

Ion Ratio Lower Upper

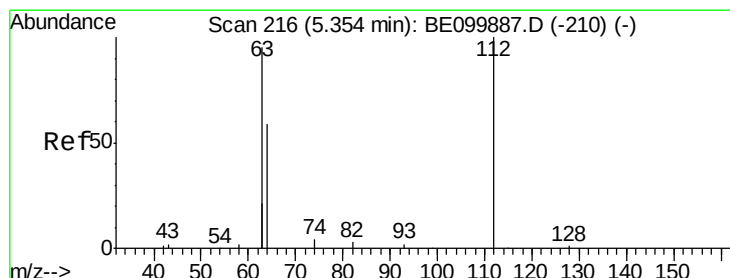
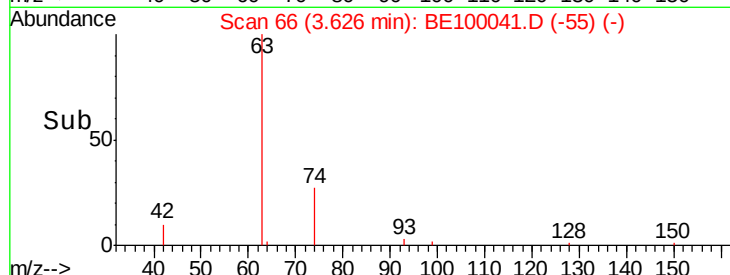
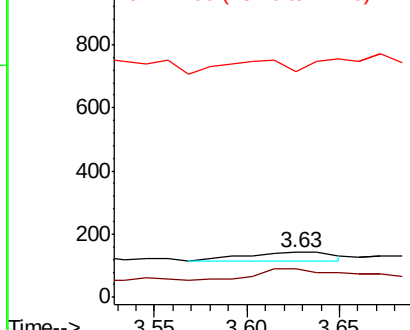
42 100

74 84.3 0.0 0.0#

44 121.3 0.0 0.0#



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: 0.153 ng

RT: 5.37 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100041.D

Acq: 15 Jun 2019 1:57

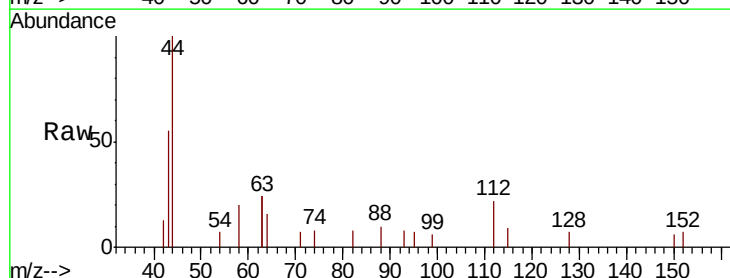
Tgt Ion: 112 Resp: 346

Ion Ratio Lower Upper

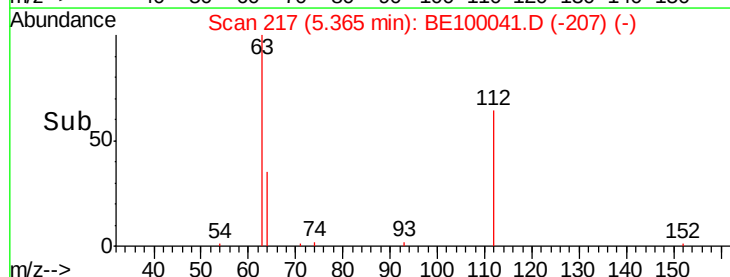
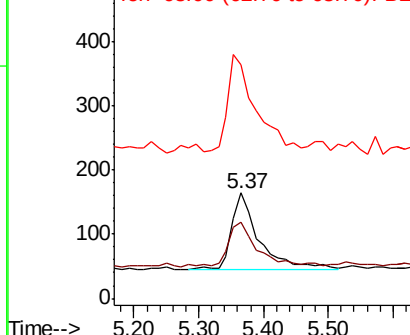
112 100

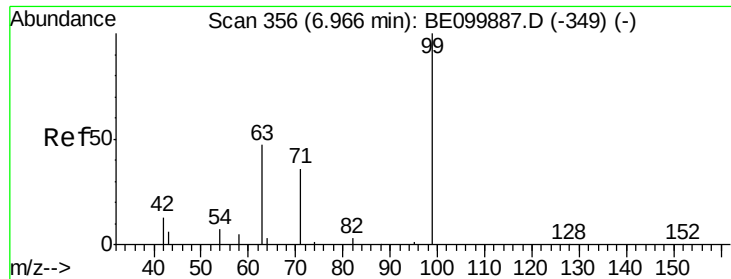
64 64.2 44.1 66.1

63 132.4 87.8 131.6#



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: 0.093 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE100041.D

Acq: 15 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

RE104D2-20190607MS

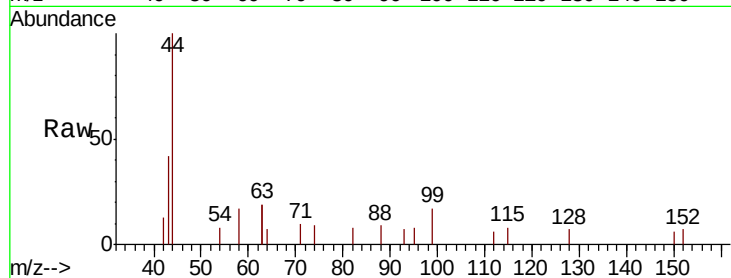
Tgt Ion: 99 Resp: 272

Ion Ratio Lower Upper

99 100

42 14.3 15.9 23.9#

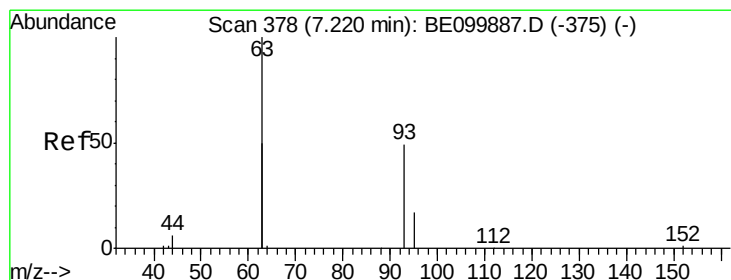
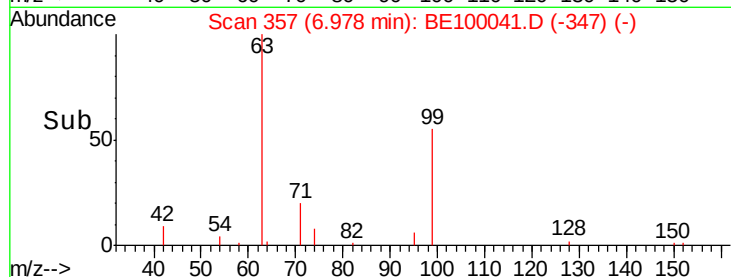
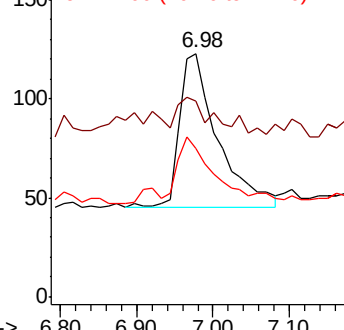
71 47.8 34.6 52.0



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: 0.432 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE100041.D

Acq: 15 Jun 2019 1:57

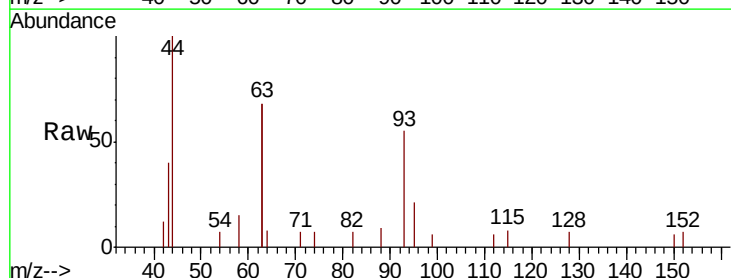
Tgt Ion: 93 Resp: 1028

Ion Ratio Lower Upper

93 100

63 224.4 202.8 304.2

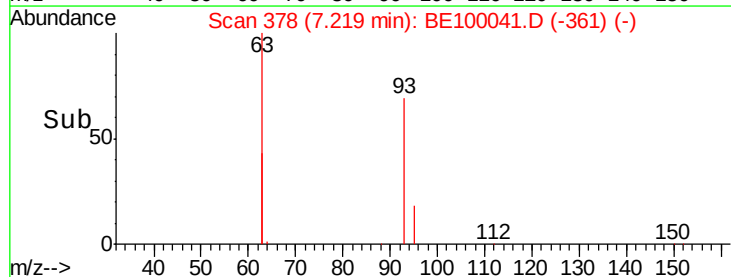
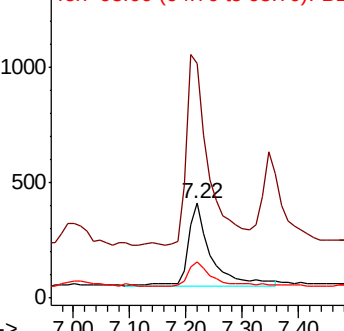
95 30.2 23.7 35.5

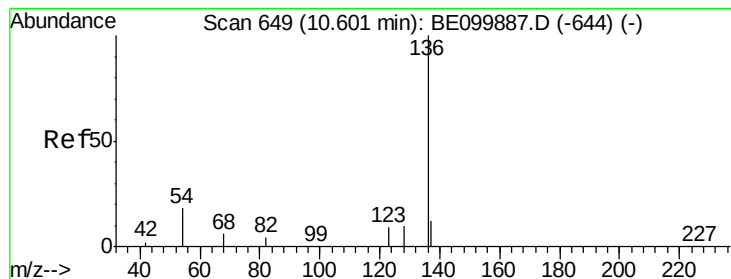


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.59 min Scan# 648

Delta R.T. -0.01 min

Lab File: BE100041.D

Acq: 15 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

RE104D2-20190607MS

Tgt Ion: 136 Resp: 3000

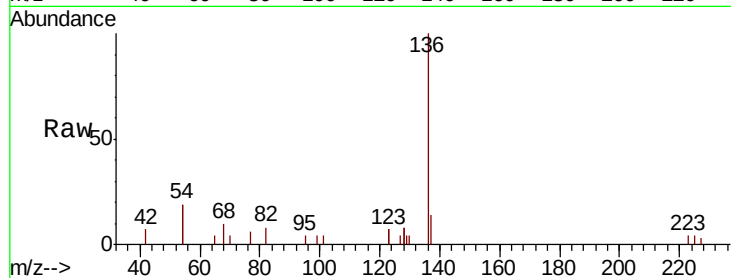
Ion Ratio Lower Upper

136 100

137 14.0 12.3 18.5

54 37.5 28.2 42.4

68 9.6 7.8 11.8

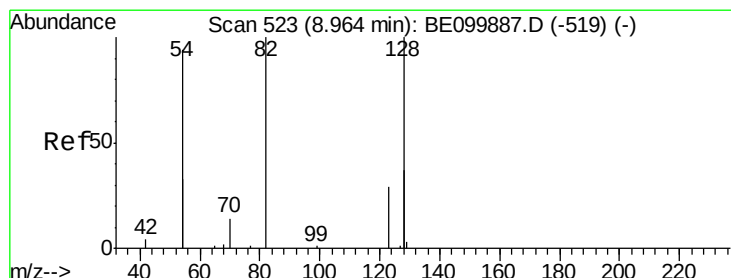
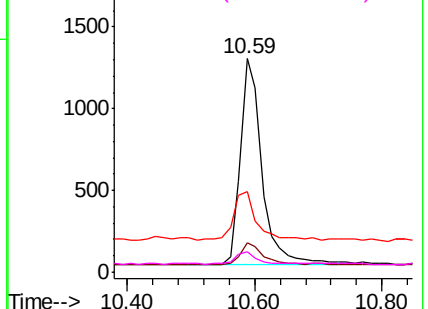
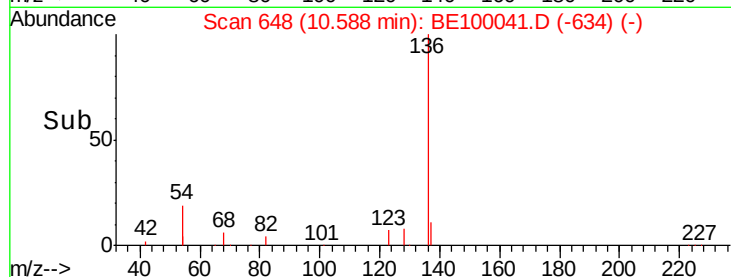


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.410 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE100041.D

Acq: 15 Jun 2019 1:57

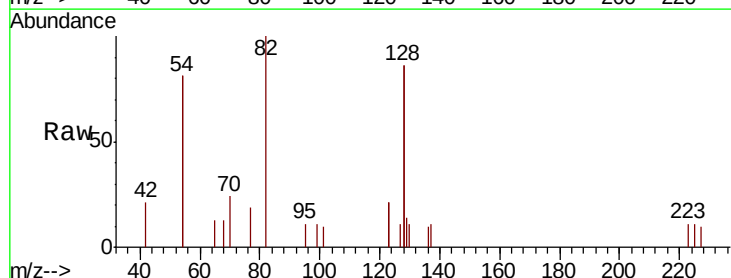
Tgt Ion: 82 Resp: 1165

Ion Ratio Lower Upper

82 100

128 171.6 137.3 205.9

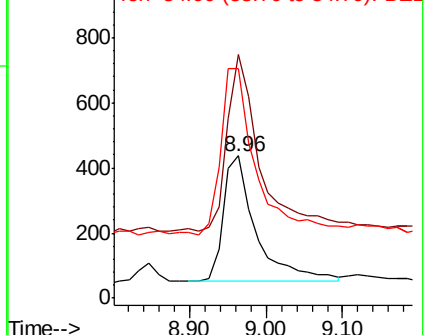
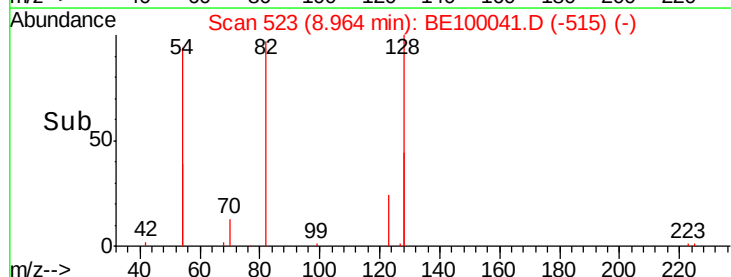
54 161.5 129.7 194.5

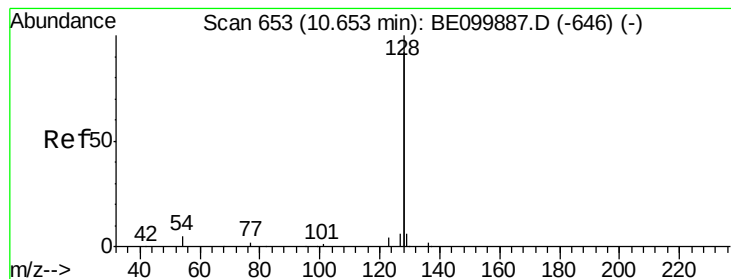


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.378 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE100041.D

Acq: 15 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

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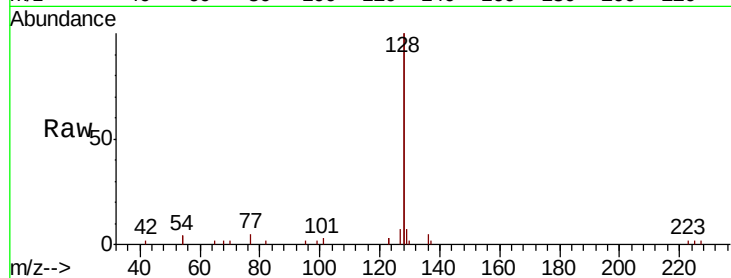
Tgt Ion:128 Resp: 12255

Ion Ratio Lower Upper

128 100

129 3.4 3.0 4.6

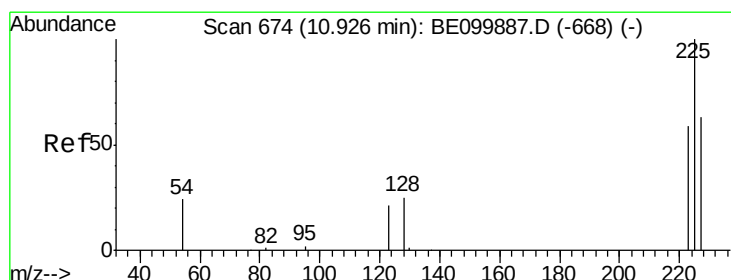
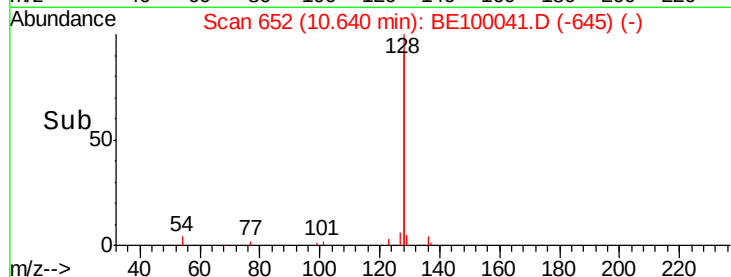
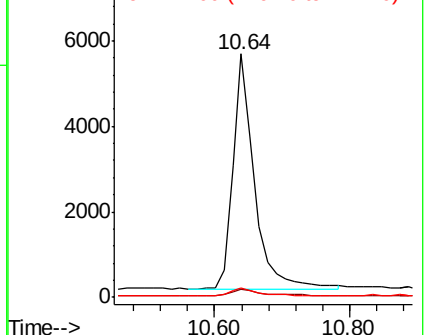
127 3.6 3.4 5.0



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: 0.331 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.01 min

Lab File: BE100041.D

Acq: 15 Jun 2019 1:57

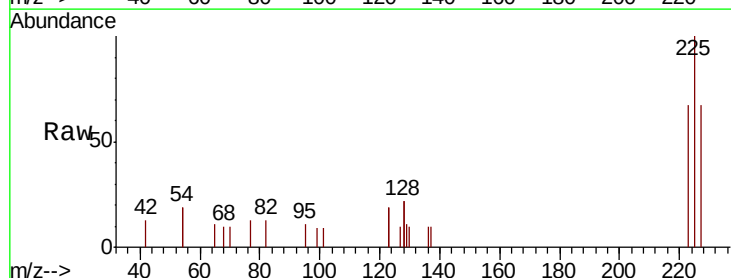
Tgt Ion:225 Resp: 817

Ion Ratio Lower Upper

225 100

223 66.5 51.6 77.4

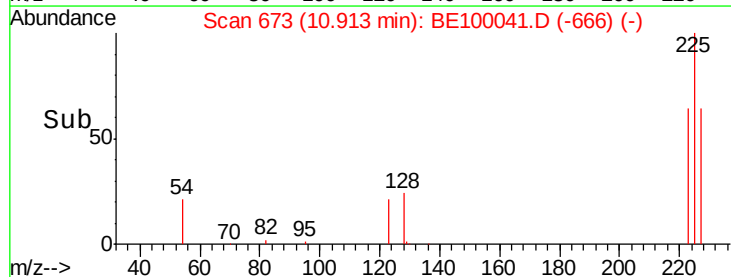
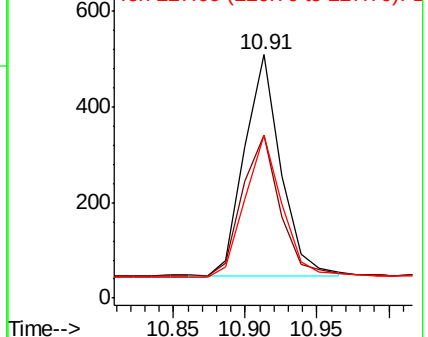
227 65.6 50.6 76.0

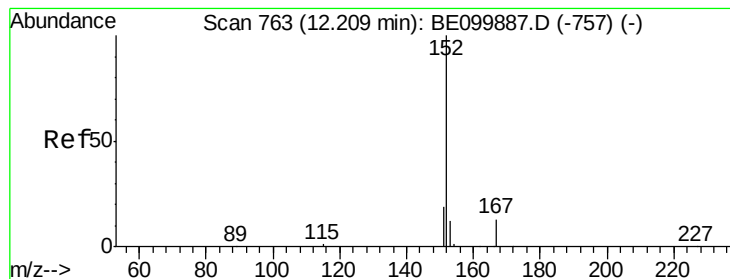


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.412 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.01 min

Lab File: BE100041.D

Acq: 15 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

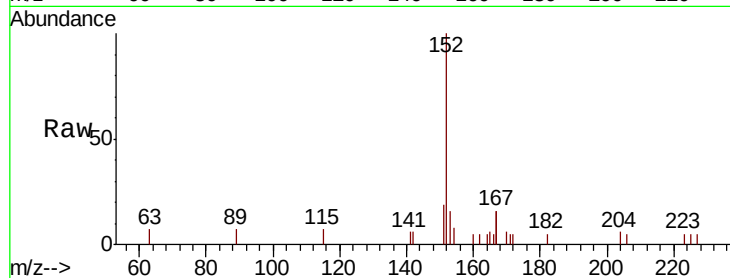
RE104D2-20190607MS

Tgt Ion:152 Resp: 2154

Ion Ratio Lower Upper

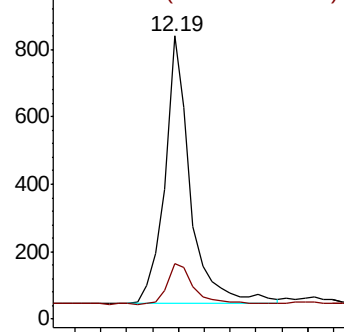
152 100

151 15.8 15.2 22.8

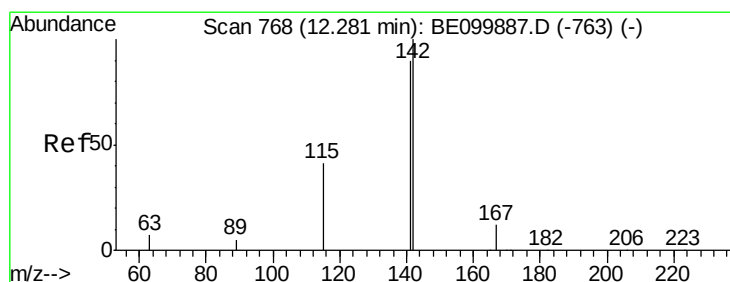
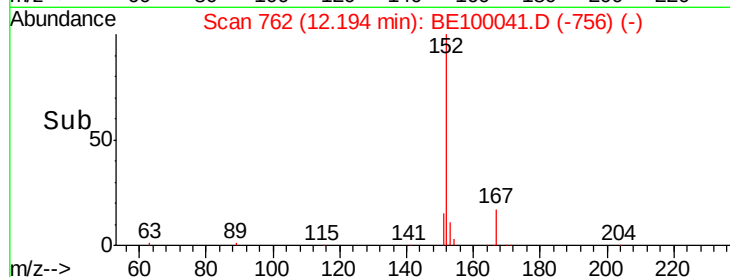


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->



#12

2-Methylnaphthalene

Concen: 0.388 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.01 min

Lab File: BE100041.D

Acq: 15 Jun 2019 1:57

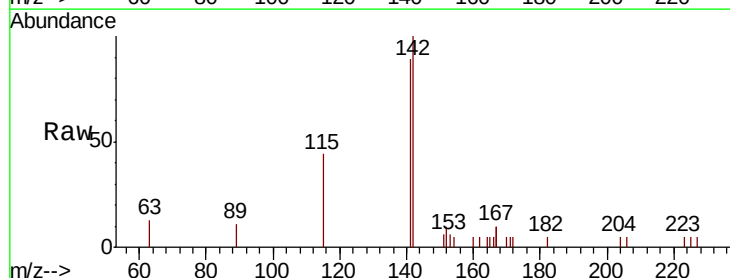
Tgt Ion:142 Resp: 2043

Ion Ratio Lower Upper

142 100

141 88.8 72.3 108.5

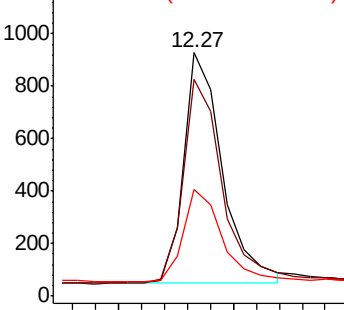
115 43.6 36.4 54.6



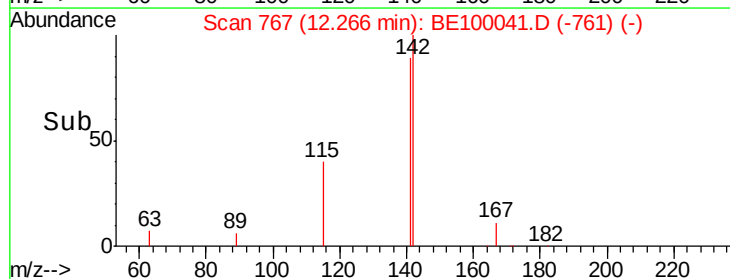
Abundance Ion 142.00 (141.70 to 142.70): E

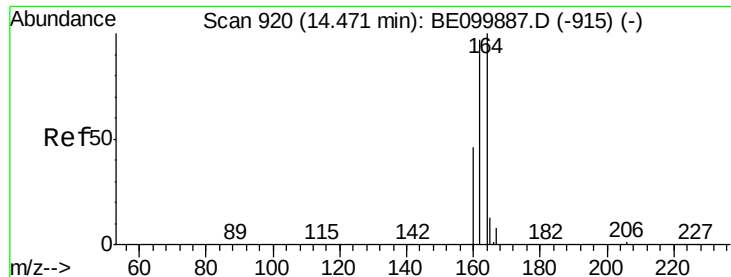
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->

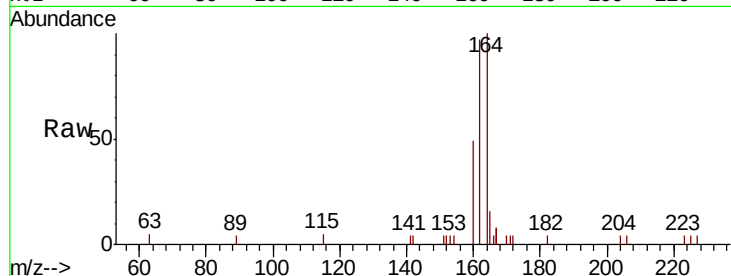




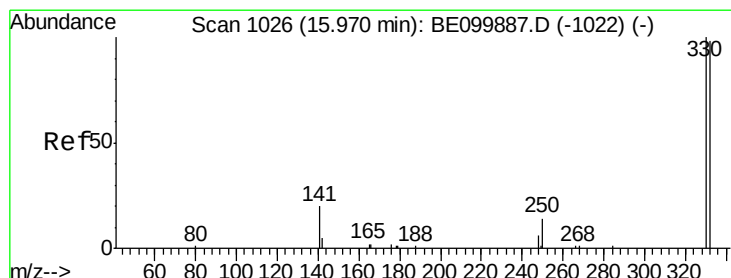
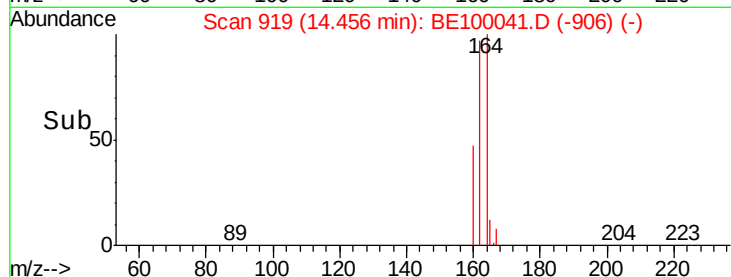
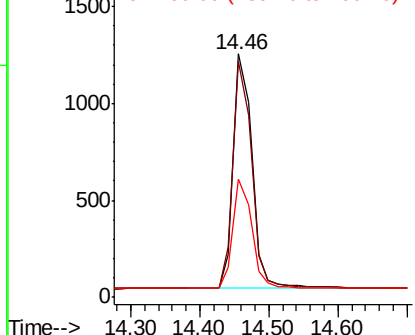
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: BE100041.D
 Acq: 15 Jun 2019 1:57

Instrument :
 BNA_E
 ClientSampleId :
 RE104D2-20190607MS

Tgt Ion: 164 Resp: 2268
 Ion Ratio Lower Upper
 164 100
 162 97.0 77.8 116.8
 160 48.7 38.2 57.4

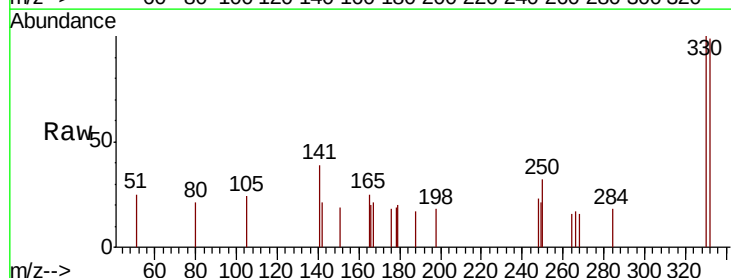


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

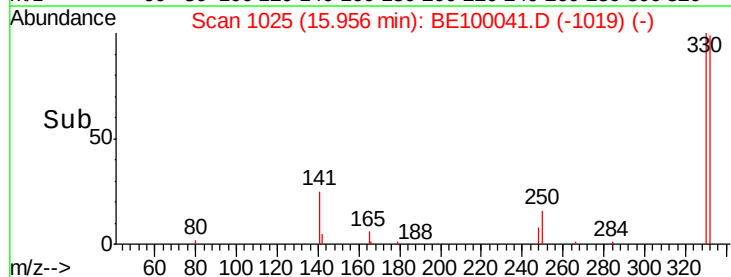
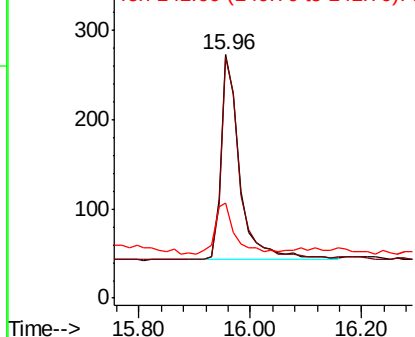


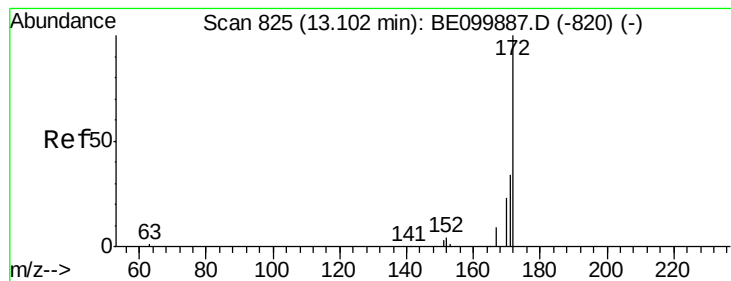
#14
 2,4,6-Tribromophenol
 Concen: 0.328 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BE100041.D
 Acq: 15 Jun 2019 1:57

Tgt Ion: 330 Resp: 550
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.7 115.1
 141 26.4 21.0 31.6



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: 0.435 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE100041.D

Acq: 15 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

RE104D2-20190607MS

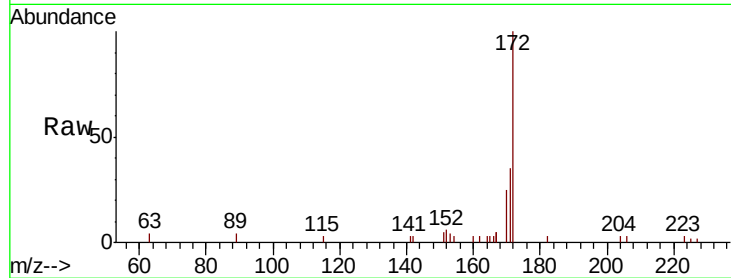
Tgt Ion:172 Resp: 3741

Ion Ratio Lower Upper

172 100

171 34.9 29.2 43.8

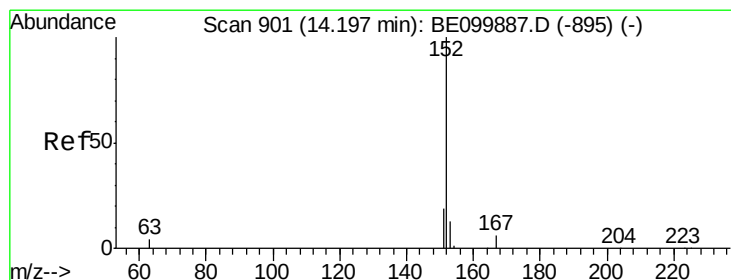
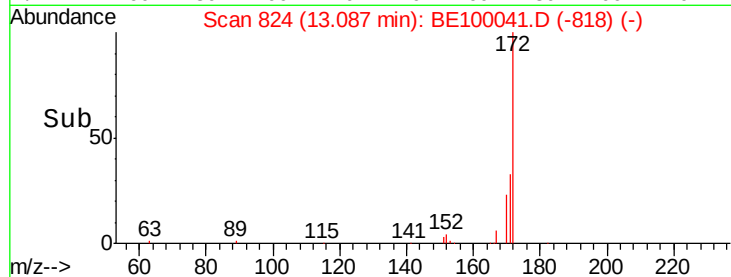
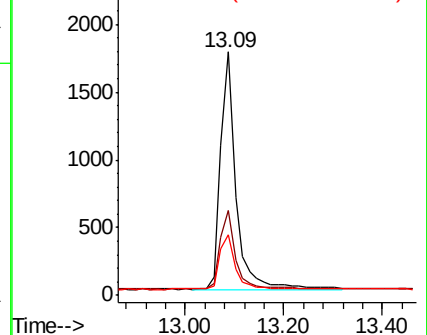
170 24.6 21.2 31.8



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: 0.372 ng

RT: 14.18 min Scan# 900

Delta R.T. -0.01 min

Lab File: BE100041.D

Acq: 15 Jun 2019 1:57

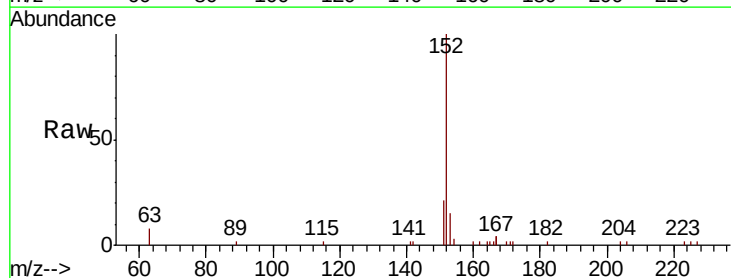
Tgt Ion:152 Resp: 4198

Ion Ratio Lower Upper

152 100

151 19.3 15.5 23.3

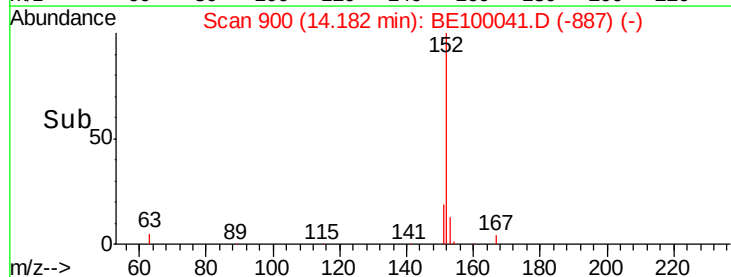
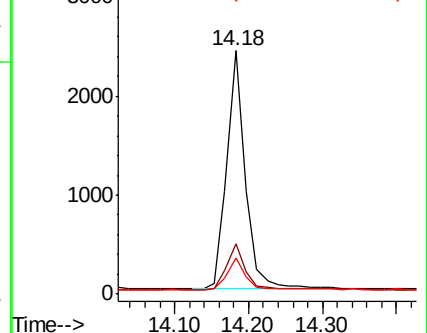
153 12.9 10.2 15.2

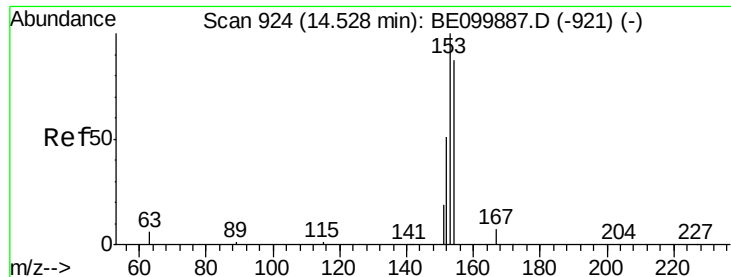


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

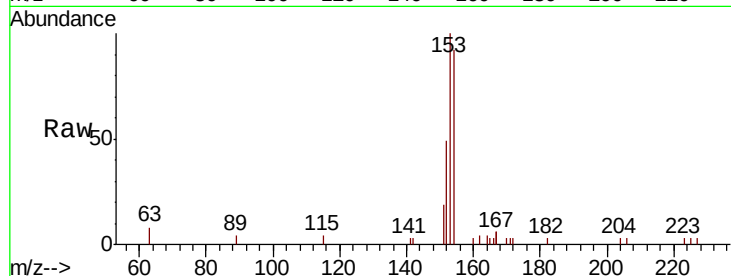




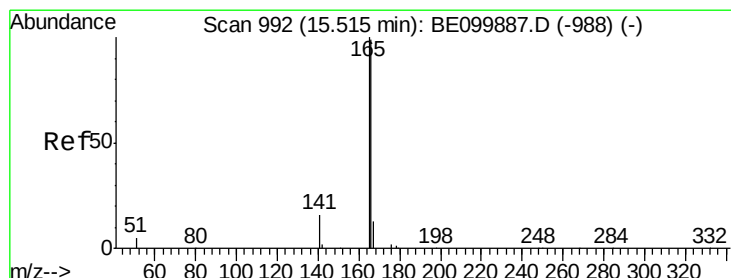
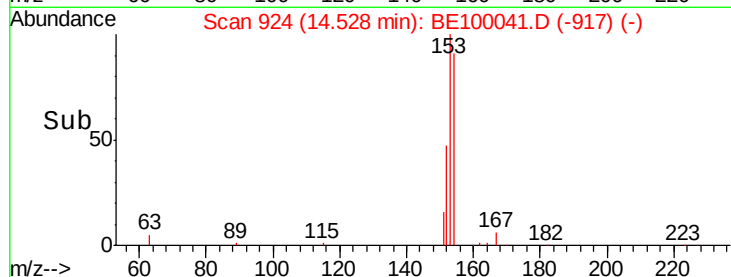
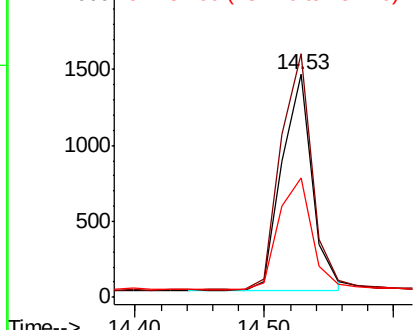
#17
Acenaphthene
Concen: 0.379 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE100041.D
Acq: 15 Jun 2019 1:57

Instrument :
BNA_E
ClientSampleId :
RE104D2-20190607MS

Tgt Ion:154 Resp: 2329
Ion Ratio Lower Upper
154 100
153 113.8 93.1 139.7
152 56.5 47.0 70.4

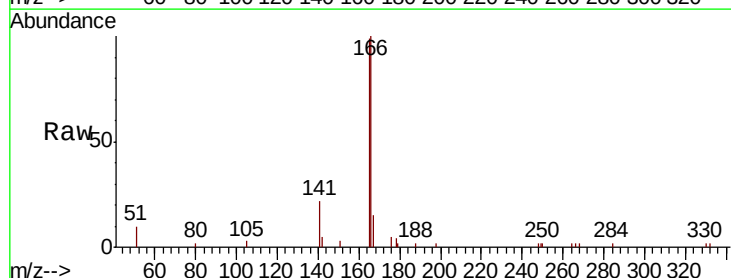


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

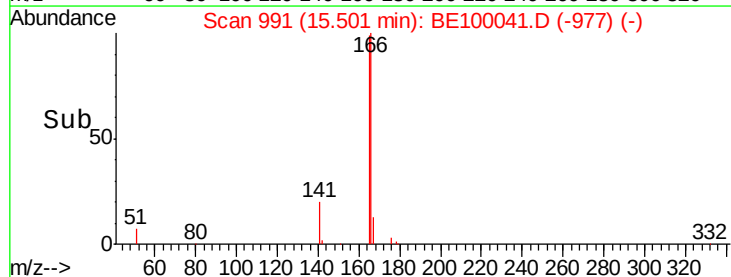
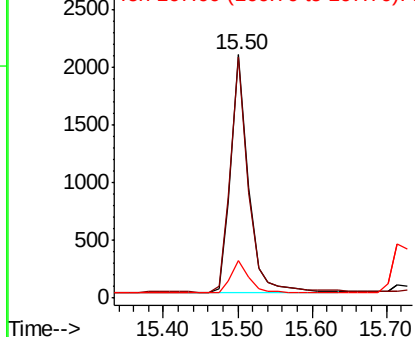


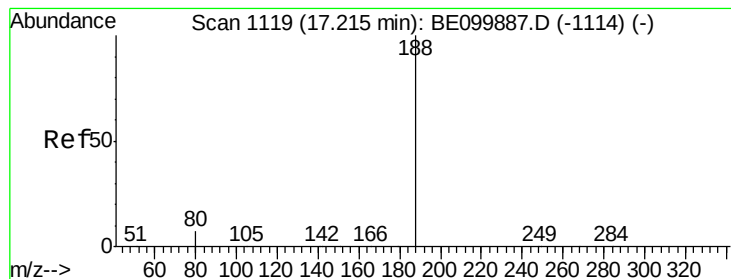
#18
Fluorene
Concen: 0.370 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE100041.D
Acq: 15 Jun 2019 1:57

Tgt Ion:166 Resp: 3412
Ion Ratio Lower Upper
166 100
165 100.1 81.8 122.8
167 13.5 11.2 16.8



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: BE100041.D

Acq: 15 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

RE104D2-20190607MS

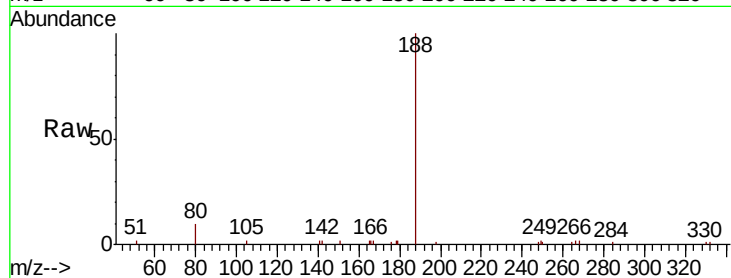
Tgt Ion:188 Resp: 6812

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

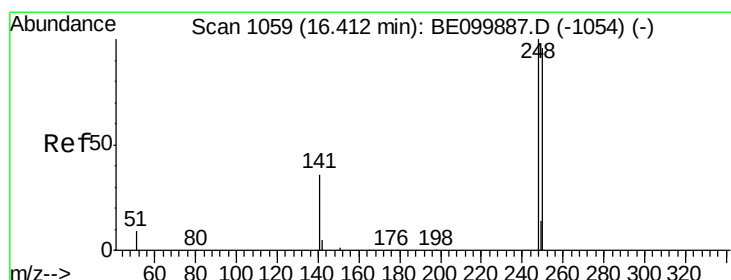
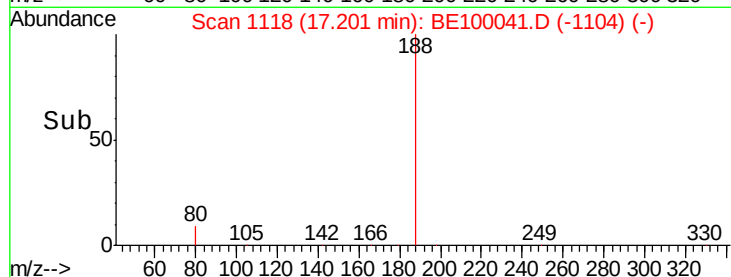
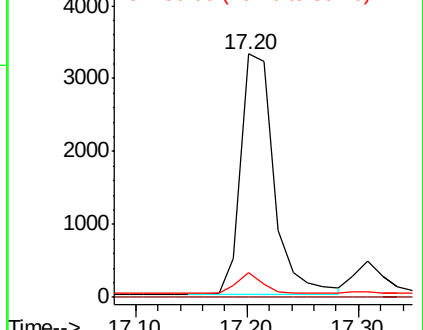
80 10.1 6.4 9.6#



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: 0.400 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE100041.D

Acq: 15 Jun 2019 1:57

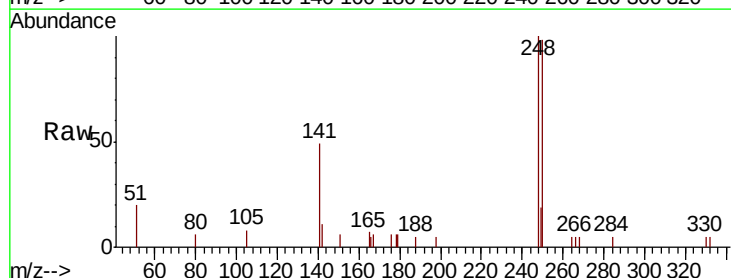
Tgt Ion:248 Resp: 1542

Ion Ratio Lower Upper

248 100

250 98.3 77.5 116.3

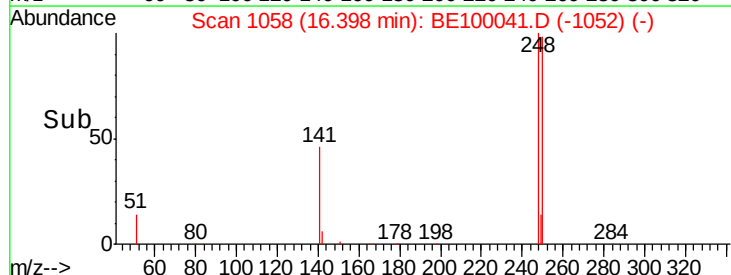
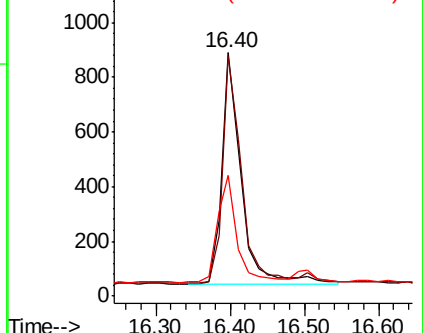
141 49.3 31.8 47.8#

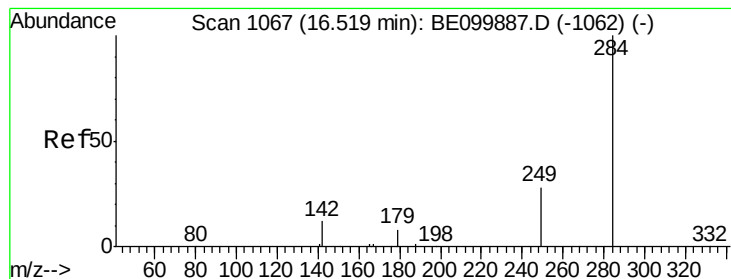


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.378 ng

RT: 16.51 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE100041.D

Acq: 15 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

RE104D2-20190607MS

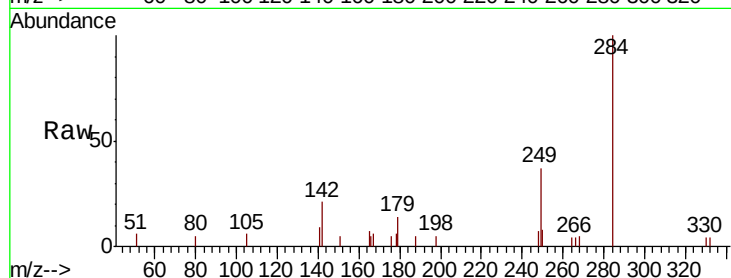
Tgt Ion:284 Resp: 1489

Ion Ratio Lower Upper

284 100

142 23.8 18.2 27.4

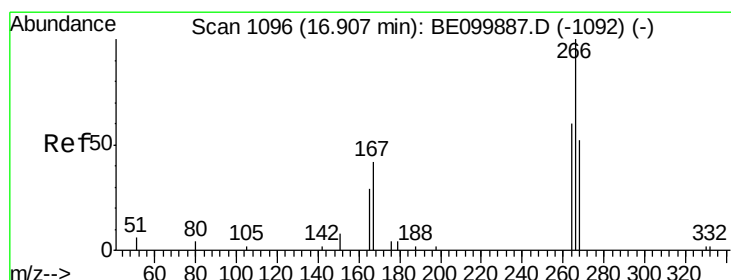
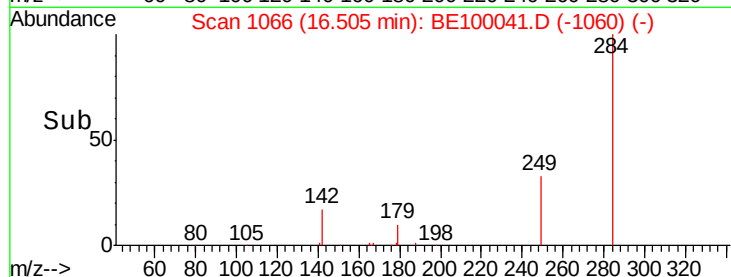
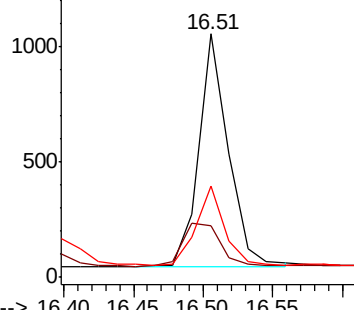
249 31.8 24.6 37.0



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: 0.948 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.04 min

Lab File: BE100041.D

Acq: 15 Jun 2019 1:57

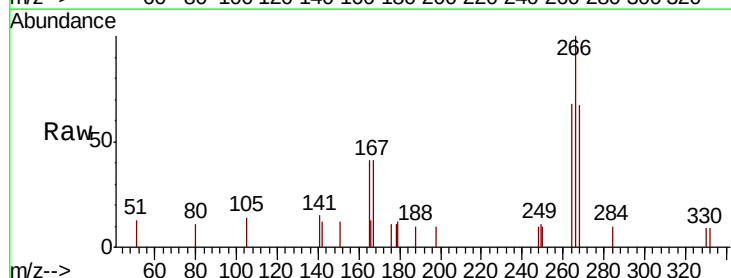
Tgt Ion:266 Resp: 1230

Ion Ratio Lower Upper

266 100

264 68.4 62.2 93.2

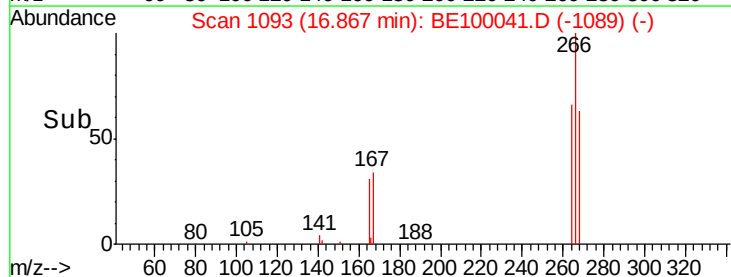
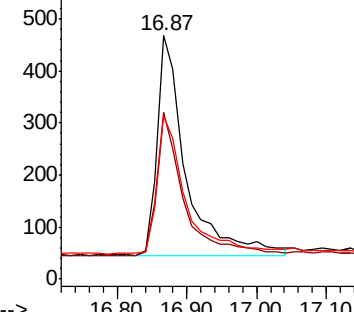
268 67.1 65.5 98.3

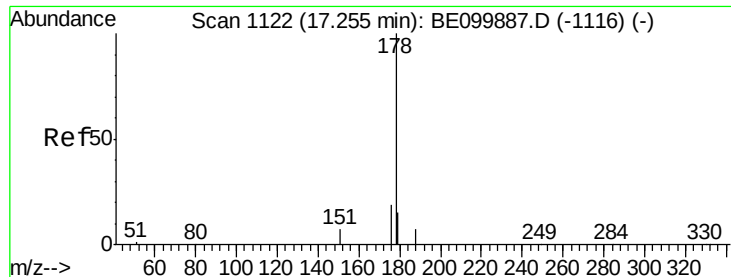


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.392 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100041.D

Acq: 15 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

RE104D2-20190607MS

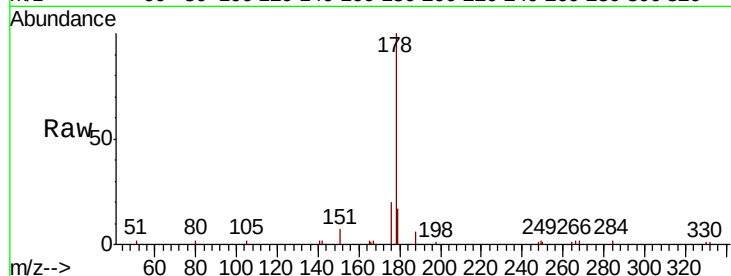
Tgt Ion:178 Resp: 6478

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

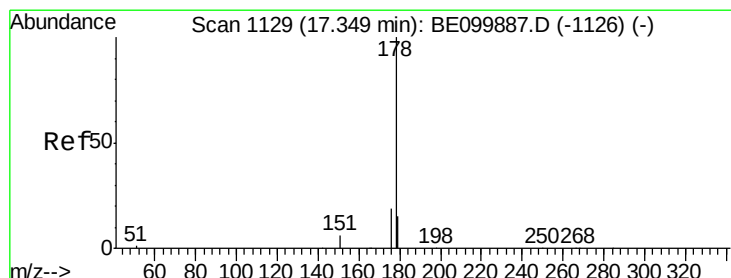
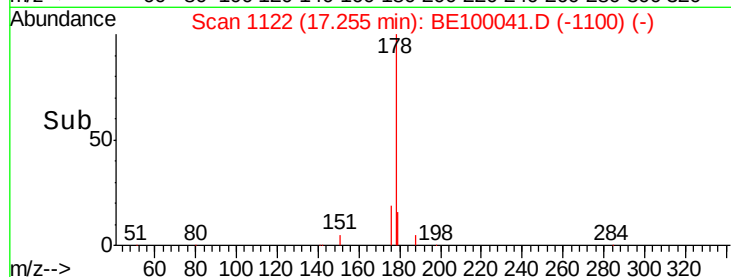
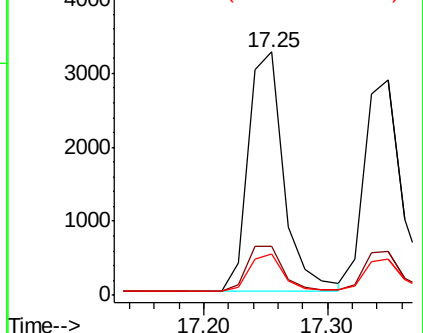
179 15.2 12.4 18.6



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



#24

Anthracene

Concen: 0.375 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE100041.D

Acq: 15 Jun 2019 1:57

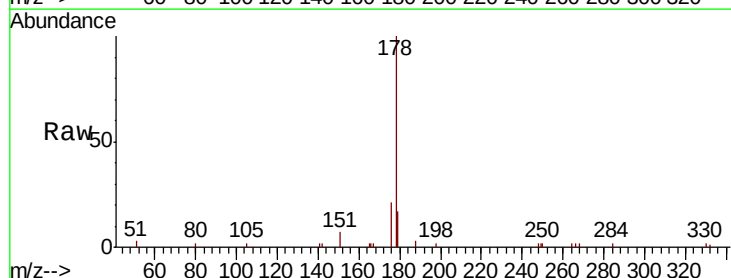
Tgt Ion:178 Resp: 5677

Ion Ratio Lower Upper

178 100

176 19.6 14.6 22.0

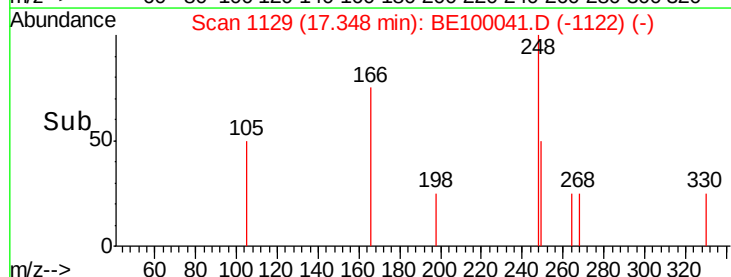
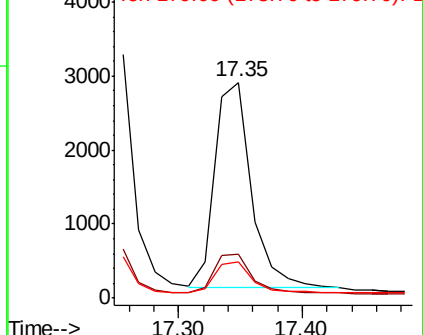
179 15.0 12.3 18.5

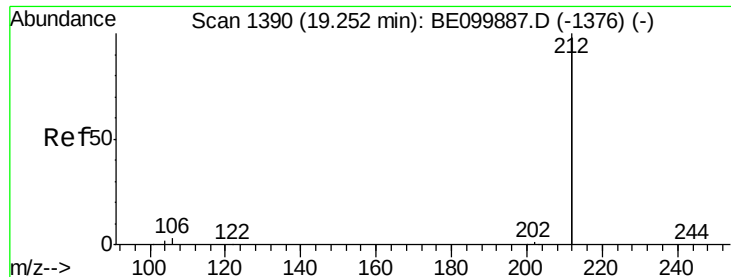


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.330 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE100041.D

Acq: 15 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

RE104D2-20190607MS

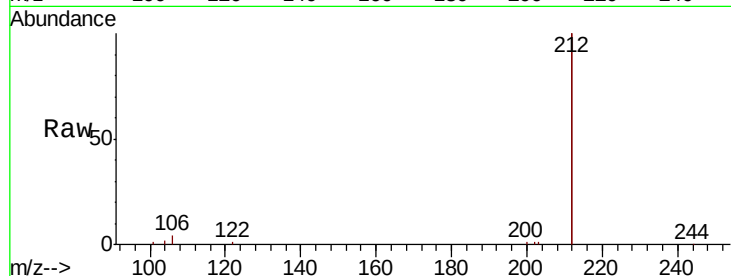
Tgt Ion:212 Resp: 32728

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

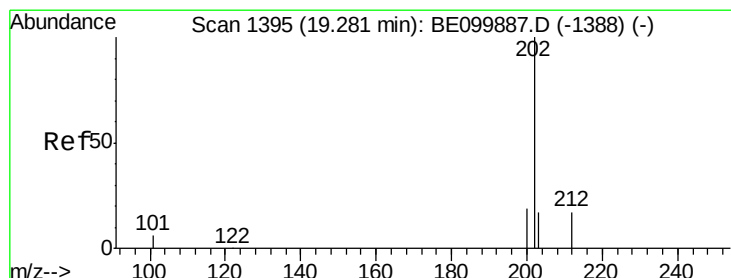
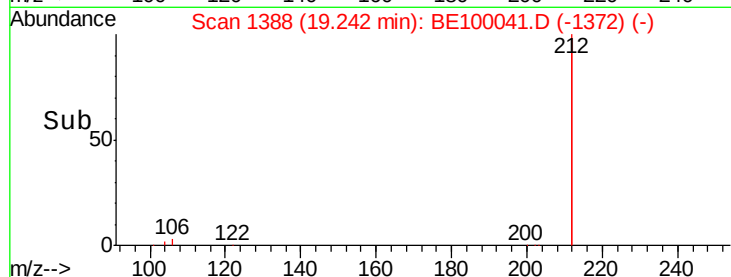
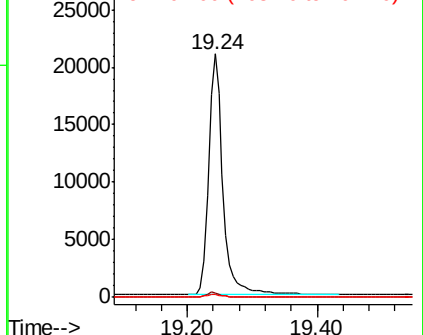
104 1.1 0.9 1.3



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: 0.353 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BE100041.D

Acq: 15 Jun 2019 1:57

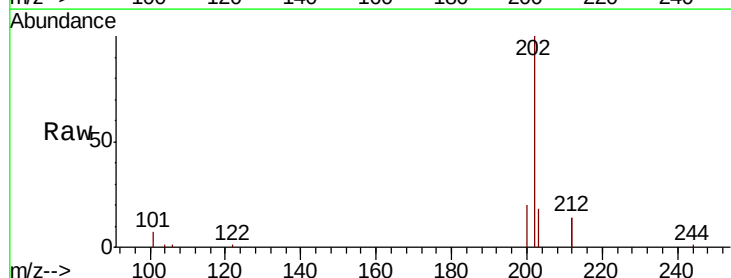
Tgt Ion:202 Resp: 9931

Ion Ratio Lower Upper

202 100

101 6.3 5.4 8.0

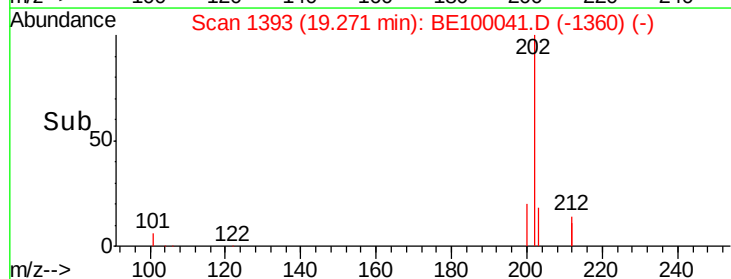
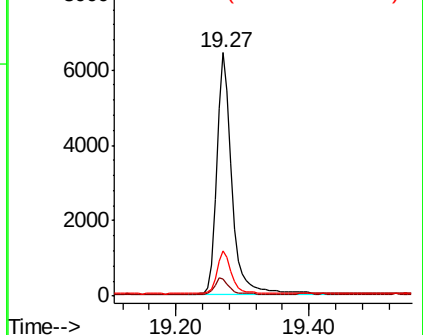
203 17.9 13.2 19.8

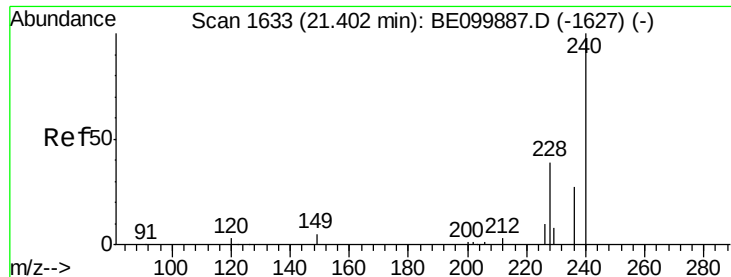


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE100041.D

Acq: 15 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

RE104D2-20190607MS

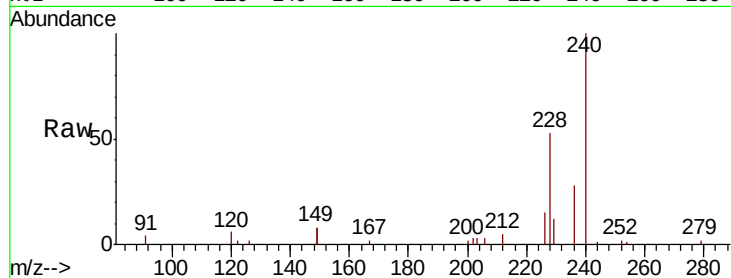
Tgt Ion:240 Resp: 8841

Ion Ratio Lower Upper

240 100

120 6.1 3.8 5.6#

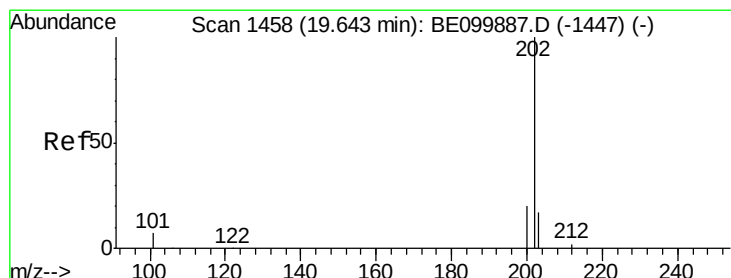
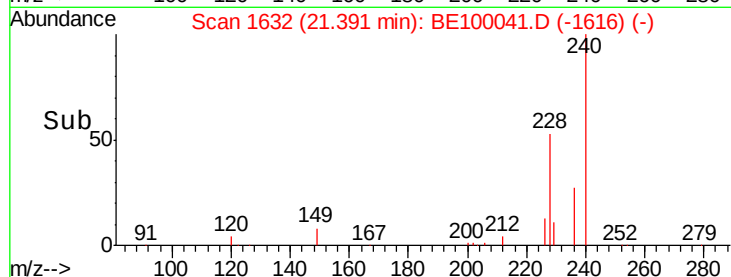
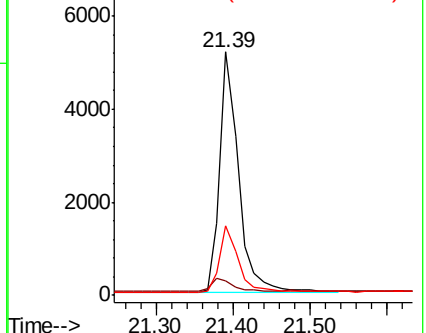
236 28.3 22.0 33.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.448 ng

RT: 19.63 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BE100041.D

Acq: 15 Jun 2019 1:57

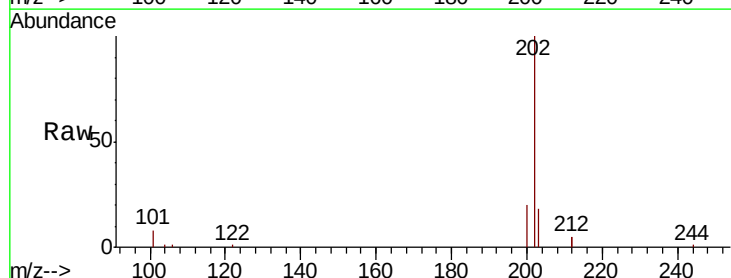
Tgt Ion:202 Resp: 10407

Ion Ratio Lower Upper

202 100

200 19.4 15.5 23.3

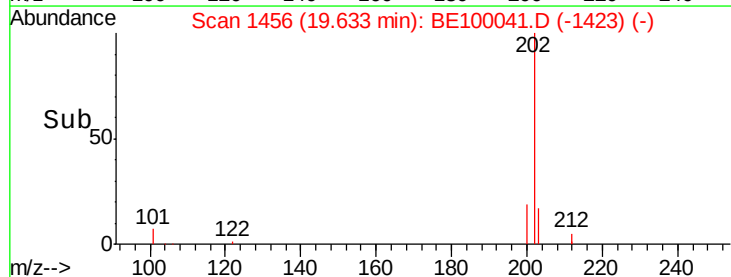
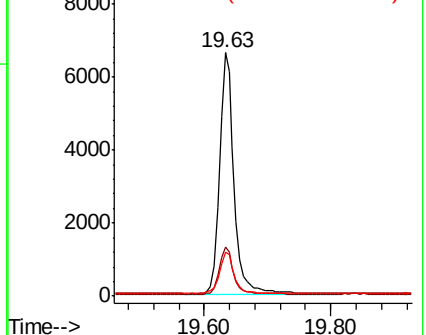
203 17.6 14.0 21.0

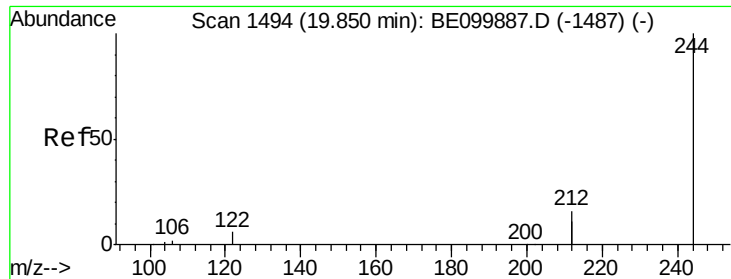


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.583 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE100041.D

Acq: 15 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

RE104D2-20190607MS

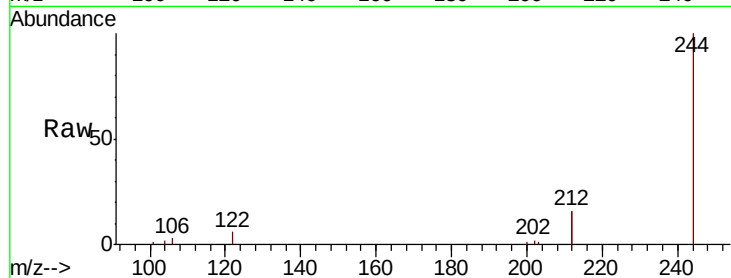
Tgt Ion:244 Resp: 9279

Ion Ratio Lower Upper

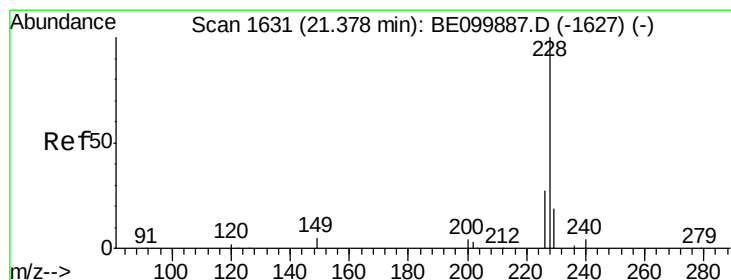
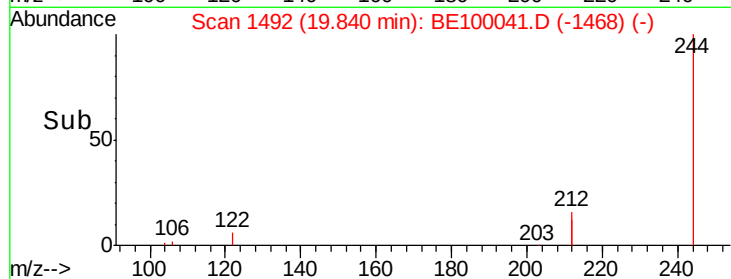
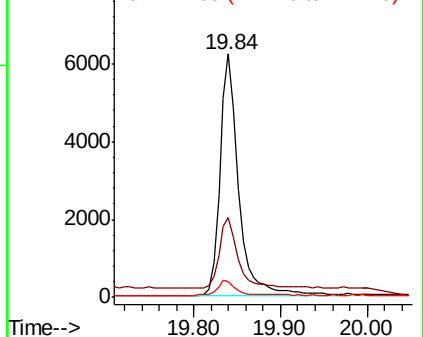
244 100

212 32.7 25.7 38.5

122 6.3 5.5 8.3



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.406 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE100041.D

Acq: 15 Jun 2019 1:57

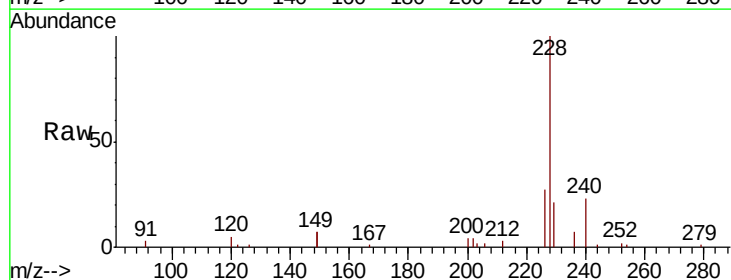
Tgt Ion:228 Resp: 10726

Ion Ratio Lower Upper

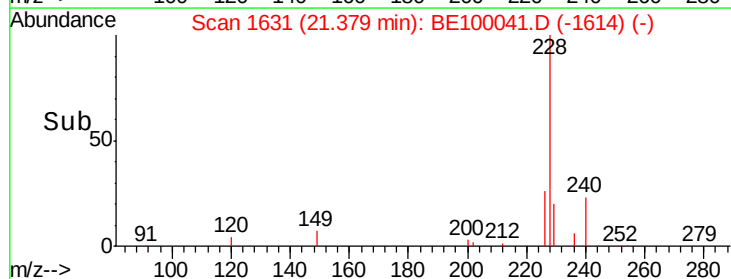
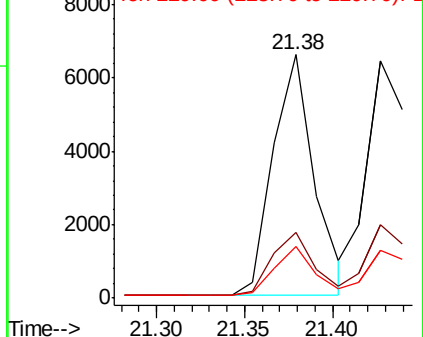
228 100

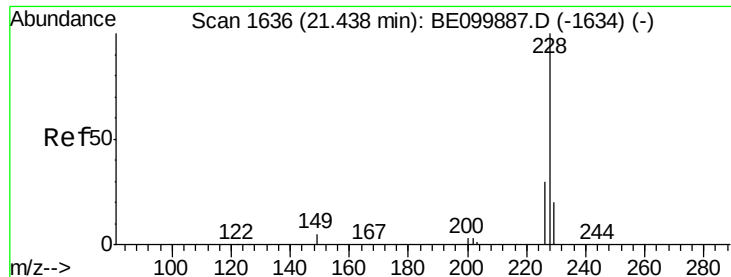
226 27.2 22.5 33.7

229 21.4 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: 0.413 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE100041.D

Acq: 15 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

RE104D2-20190607MS

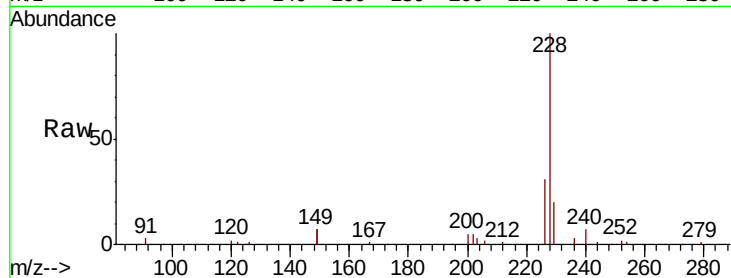
Tgt Ion: 228 Resp: 11283

Ion Ratio Lower Upper

228 100

226 30.9 24.1 36.1

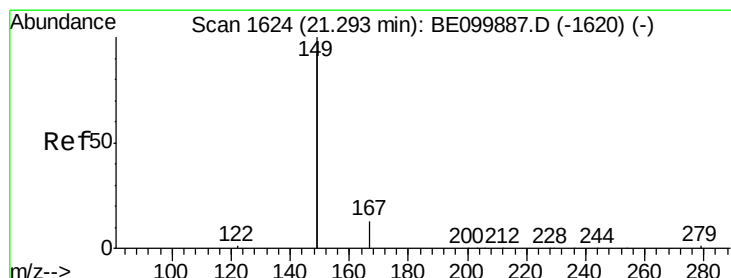
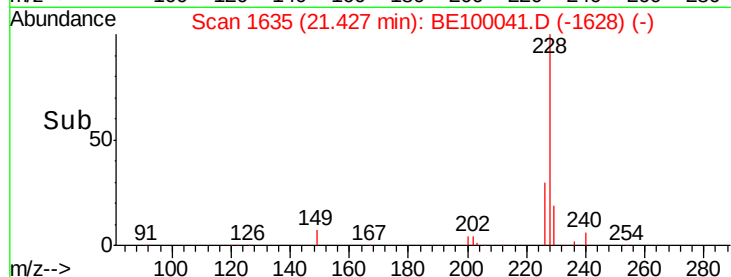
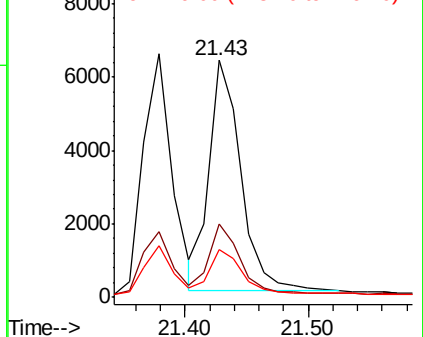
229 19.9 16.1 24.1



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: 0.441 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100041.D

Acq: 15 Jun 2019 1:57

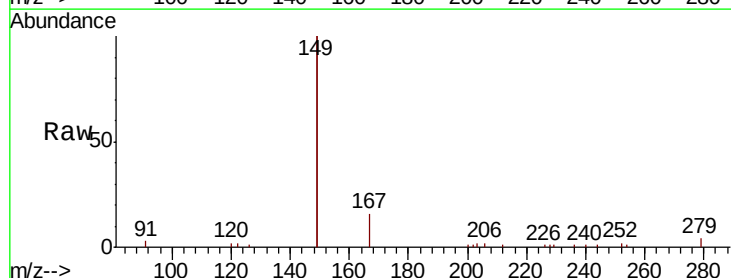
Tgt Ion: 149 Resp: 16732

Ion Ratio Lower Upper

149 100

167 7.2 5.9 8.9

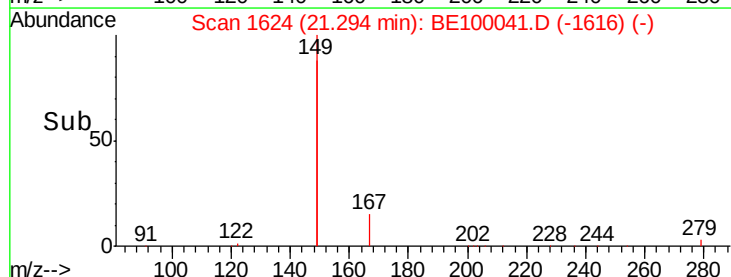
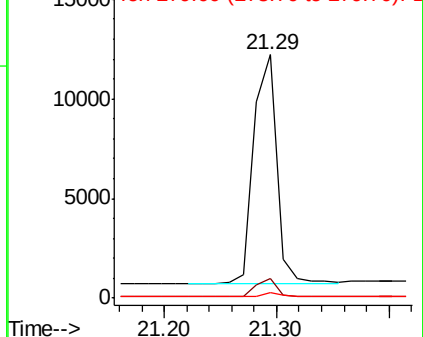
279 1.5 1.2 1.8

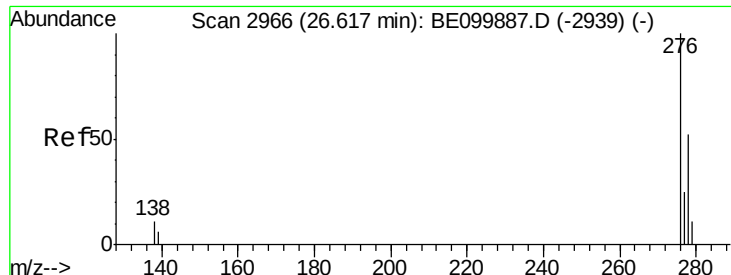


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.372 ng

RT: 26.60 min Scan# 2961

Delta R.T. -0.02 min

Lab File: BE100041.D

Acq: 15 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

RE104D2-20190607MS

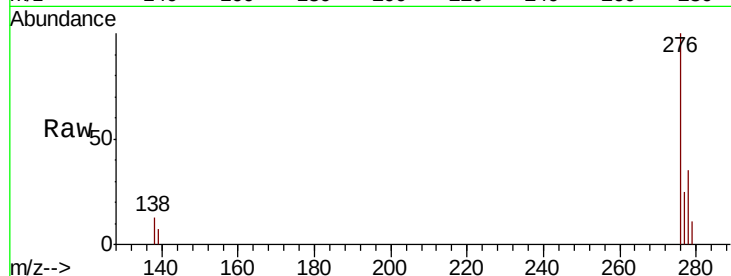
Tgt Ion:276 Resp: 12059

Ion Ratio Lower Upper

276 100

138 11.5 10.1 15.1

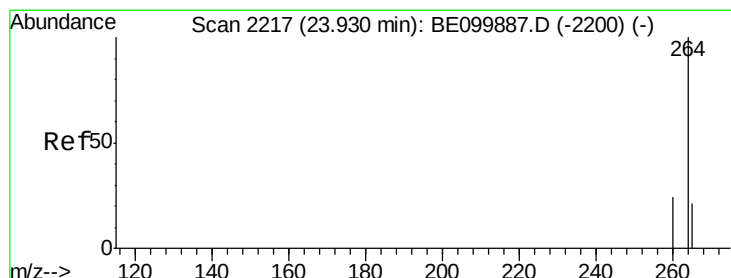
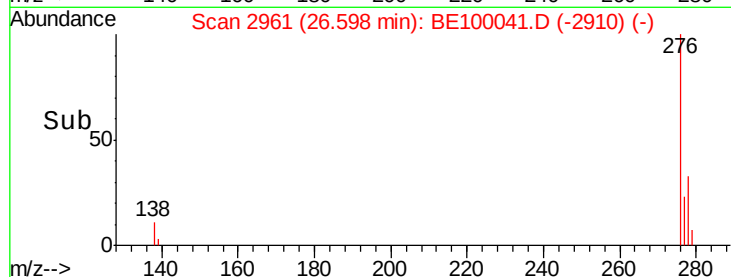
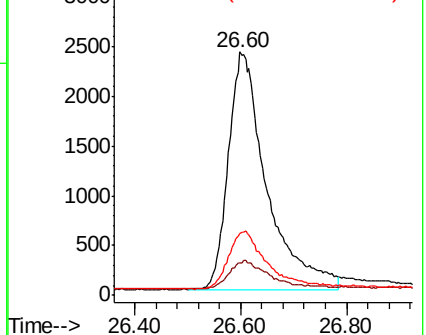
277 24.0 19.1 28.7



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: 23.92 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BE100041.D

Acq: 15 Jun 2019 1:57

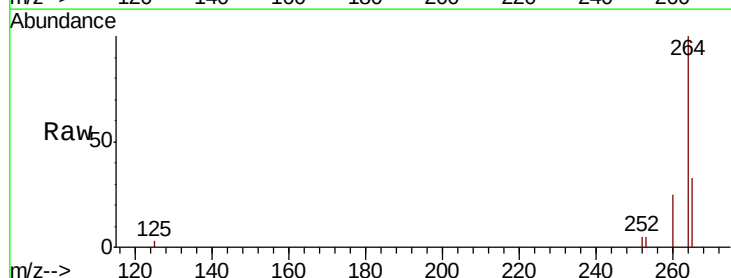
Tgt Ion:264 Resp: 9987

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.2

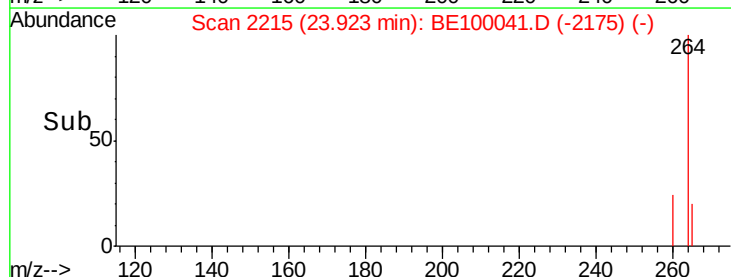
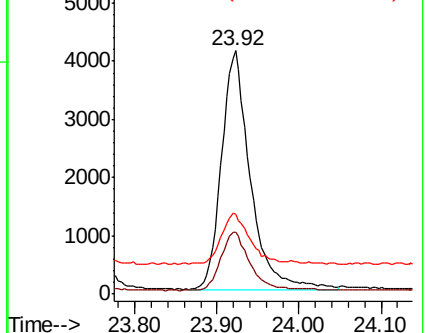
265 32.8 22.0 33.0

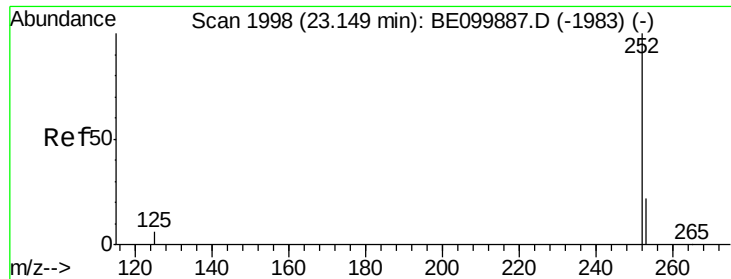


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.356 ng

RT: 23.14 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BE100041.D

Acq: 15 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

RE104D2-20190607MS

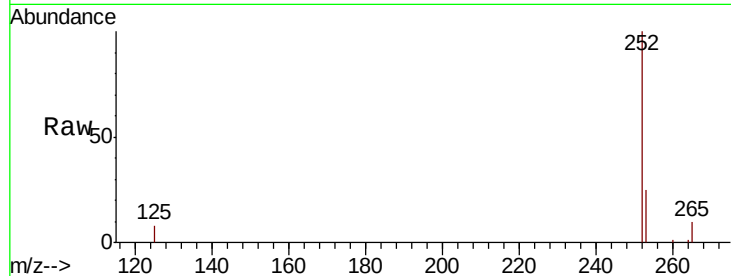
Tgt Ion:252 Resp: 9968

Ion Ratio Lower Upper

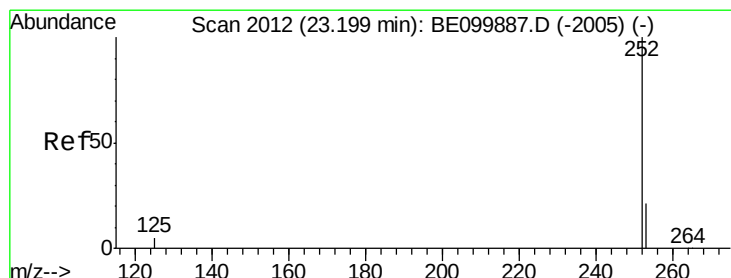
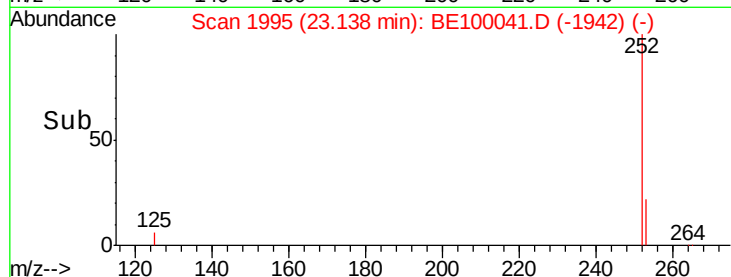
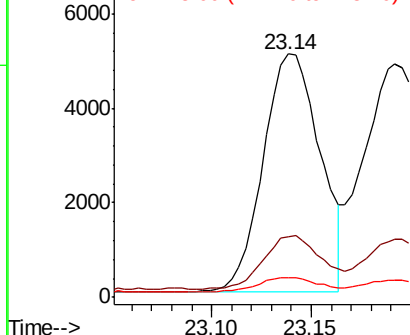
252 100

253 25.1 18.7 28.1

125 8.1 5.7 8.5



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: 0.402 ng

RT: 23.19 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BE100041.D

Acq: 15 Jun 2019 1:57

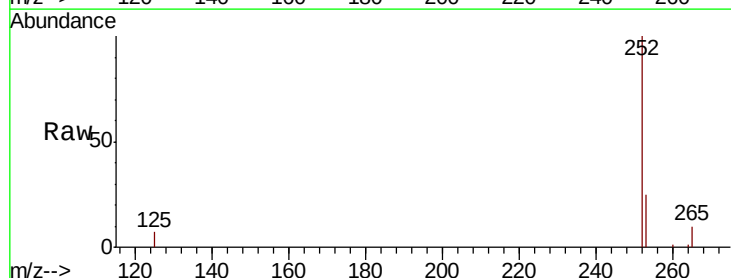
Tgt Ion:252 Resp: 11757

Ion Ratio Lower Upper

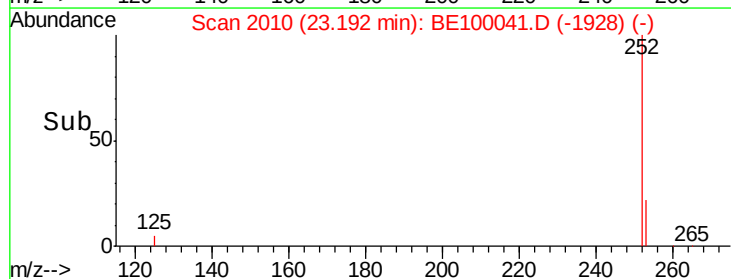
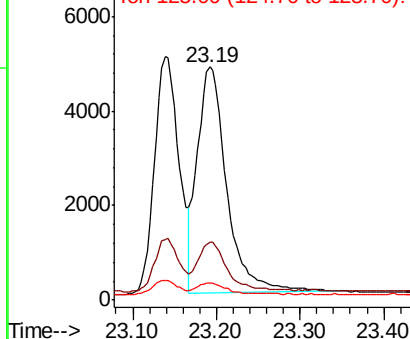
252 100

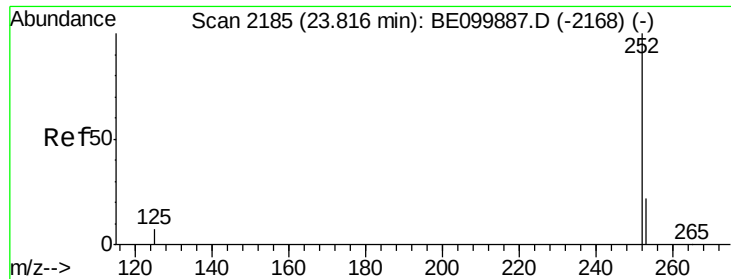
253 24.7 18.6 28.0

125 7.4 5.4 8.0



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





#37

Benzo(a)pyrene

Concen: 0.379 ng

RT: 23.80 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BE100041.D

Acq: 15 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

RE104D2-20190607MS

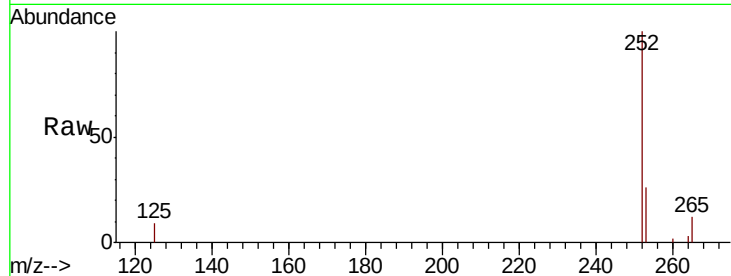
Tgt Ion:252 Resp: 10457

Ion Ratio Lower Upper

252 100

253 26.4 19.6 29.4

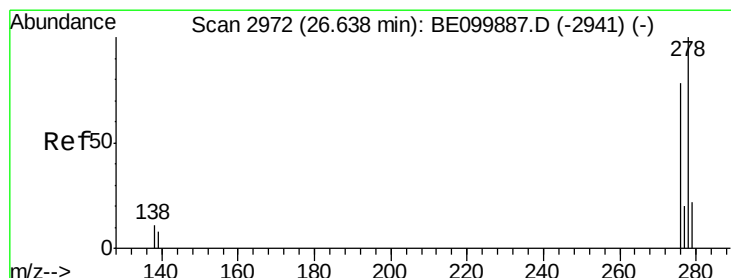
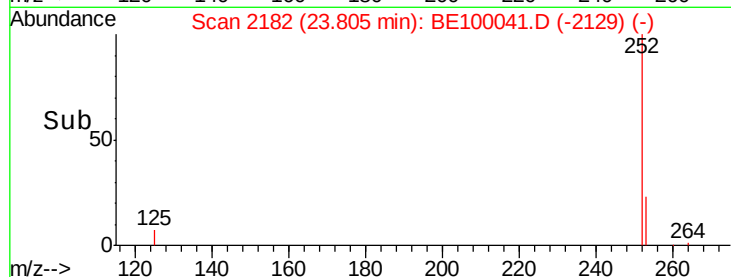
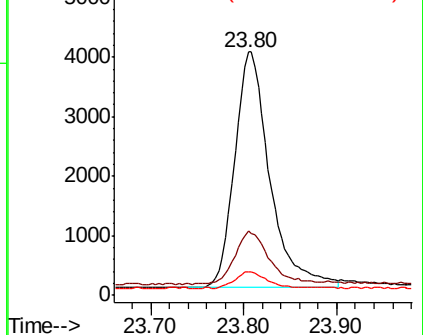
125 9.5 6.6 10.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.355 ng

RT: 26.63 min Scan# 2970

Delta R.T. -0.01 min

Lab File: BE100041.D

Acq: 15 Jun 2019 1:57

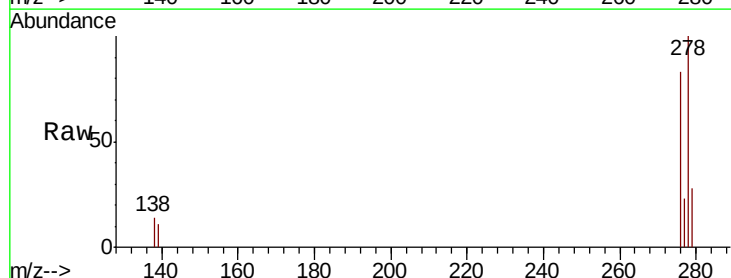
Tgt Ion:278 Resp: 9866

Ion Ratio Lower Upper

278 100

139 11.5 7.8 11.8

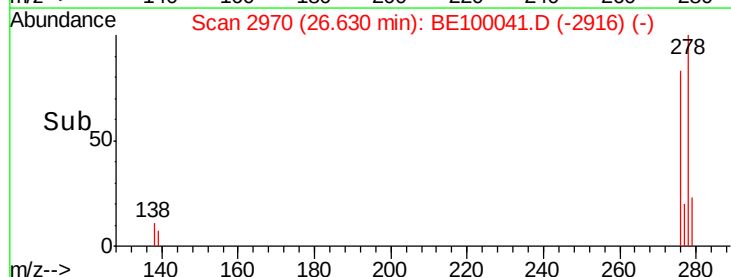
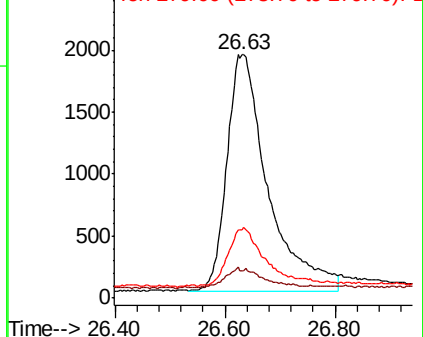
279 27.8 20.0 30.0

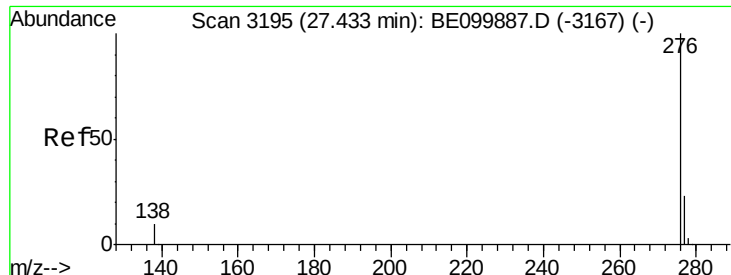


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.361 ng

RT: 27.43 min Scan# 3194

Delta R.T. -0.00 min

Lab File: BE100041.D

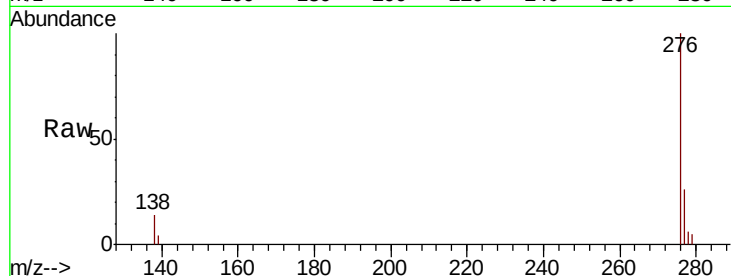
Acq: 15 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

RE104D2-20190607MS



Tgt Ion: 276 Resp: 10353

Ion Ratio Lower Upper

276 100

277 25.7 19.5 29.3

138 14.1 9.5 14.3

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

