

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
 Data File : BE100013.D
 Acq On : 14 Jun 2019 8:39
 Operator : JU/SJ
 Sample : PB120491BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120491BS

Quant Time: Jun 15 00:46:58 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	7.79	152	841	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2875	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2021	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6794	0.40	ng	0.00
27) Chrysene-d12	21.40	240	10113	0.40	ng	0.00
34) Perylene-d12	23.93	264	11030	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	713	0.31	ng	0.00
5) Phenol-d6	6.96	99	921	0.32	ng	0.00
8) Nitrobenzene-d5	8.96	82	880	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	2285	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	298	0.20	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	2626	0.34	ng	-0.01
25) Fluoranthene-d10	19.25	212	33004	0.33	ng	0.00
29) Terphenyl-d14	19.85	244	6805	0.37	ng	0.00

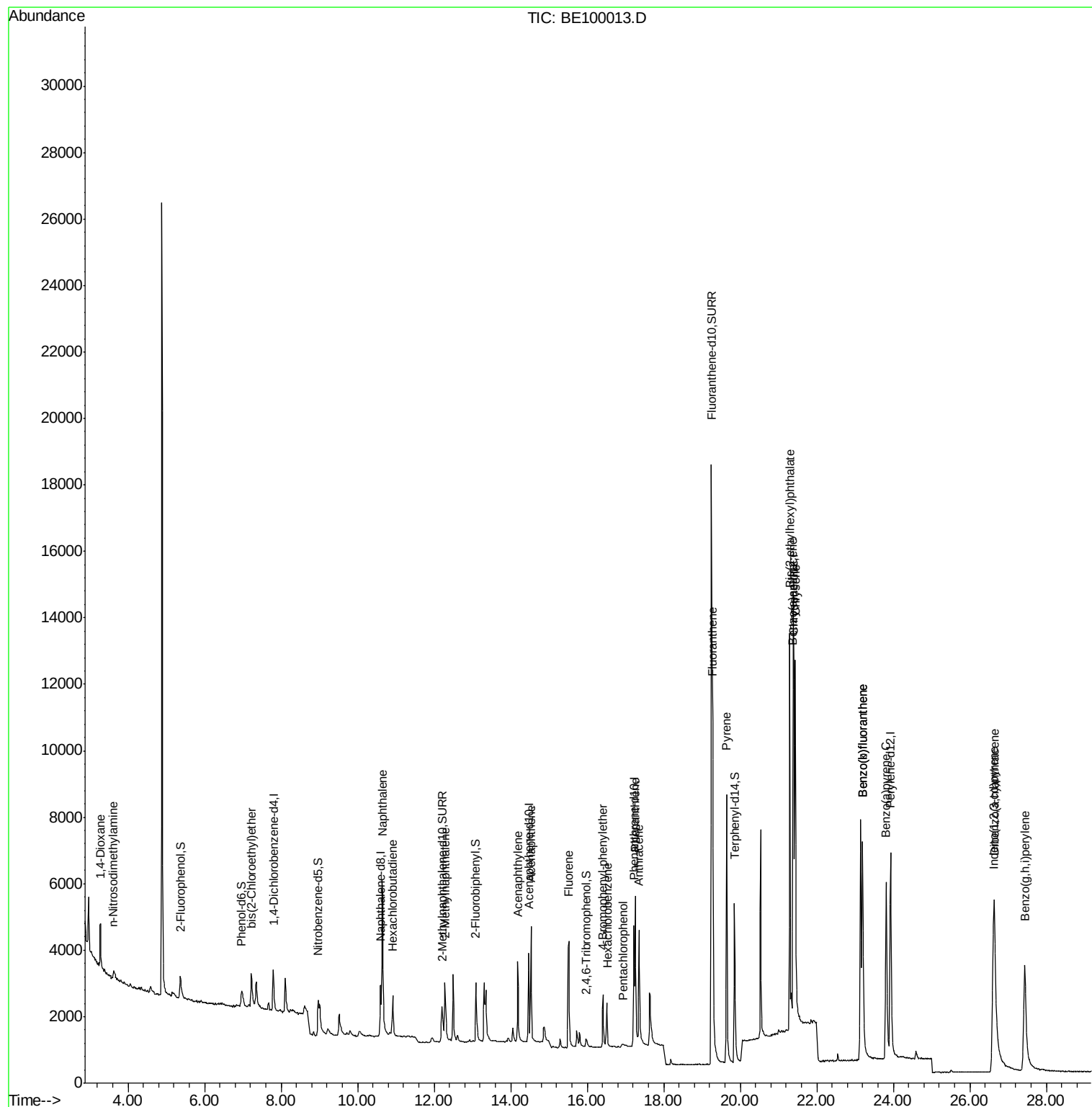
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	1151	0.925	ng	# 85
3) n-Nitrosodimethylamine	3.61	42	156	0.217	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	707	0.296	ng	# 93
9) Naphthalene	10.64	128	10772	0.347	ng	99
10) Hexachlorobutadiene	10.91	225	916	0.387	ng	98
12) 2-Methylnaphthalene	12.28	142	1706	0.338	ng	97
16) Acenaphthylene	14.18	152	3409	0.339	ng	100
17) Acenaphthene	14.53	154	1853	0.338	ng	98
18) Fluorene	15.52	166	2840	0.346	ng	98
20) 4-Bromophenyl-phenylether	16.41	248	1332	0.346	ng	98
21) Hexachlorobenzene	16.52	284	1349	0.343	ng	100
22) Pentachlorophenol	16.93	266	144	0.376	ng	95
23) Phenanthrene	17.26	178	5569	0.338	ng	100
24) Anthracene	17.35	178	4899	0.324	ng	99
26) Fluoranthene	19.28	202	9793	0.350	ng	99
28) Pyrene	19.64	202	10154	0.382	ng	99
30) Benzo(a)anthracene	21.38	228	11535	0.382	ng	99
31) Chrysene	21.44	228	11802	0.378	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	13132	0.303	ng	100
33) Indeno(1,2,3-cd)pyrene	26.61	276	13132	0.354	ng	# 94
35) Benzo(b)fluoranthene	23.20	252	12390	0.401	ng	99
36) Benzo(k)fluoranthene	23.20	252	12683	0.392	ng	99
37) Benzo(a)pyrene	23.81	252	11856	0.389	ng	# 95
38) Dibenzo(a,h)anthracene	26.64	278	9723	0.317	ng	# 96
39) Benzo(g,h,i)perylene	27.44	276	10923	0.345	ng	98

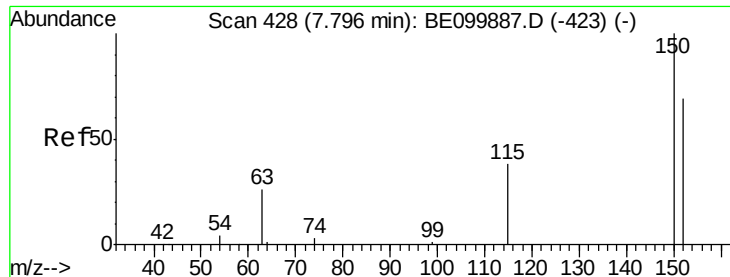
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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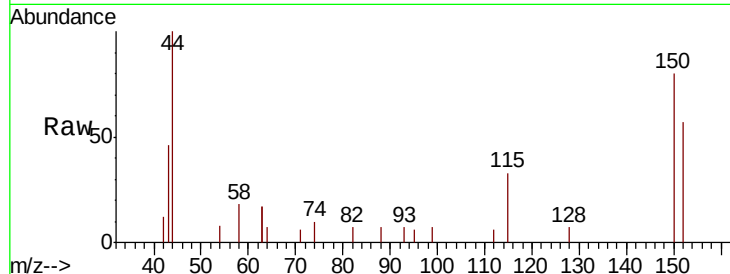


#1

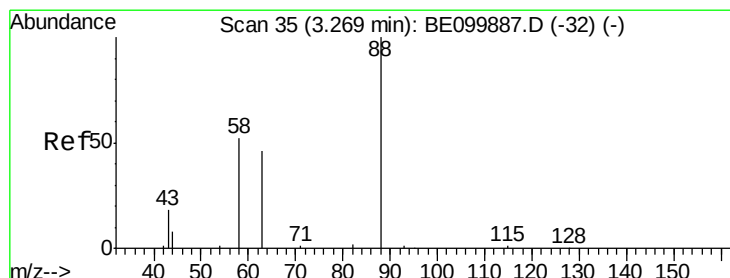
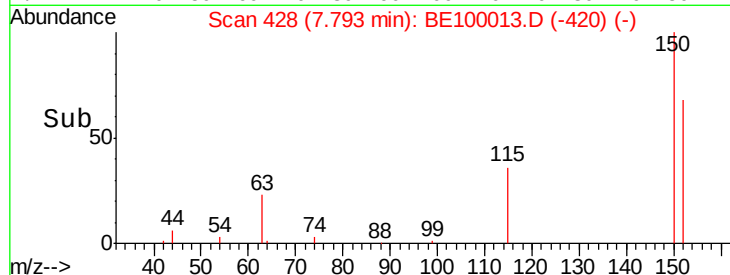
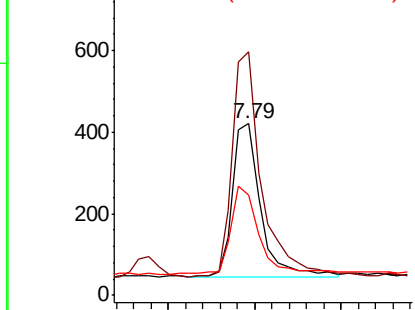
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE100013.D
Acq: 14 Jun 2019 8:39

Instrument :
BNA_E
ClientSampleId :
PB120491BS

Tgt Ion:152 Resp: 841
Ion Ratio Lower Upper
152 100
150 141.8 111.0 166.6
115 58.4 50.7 76.1



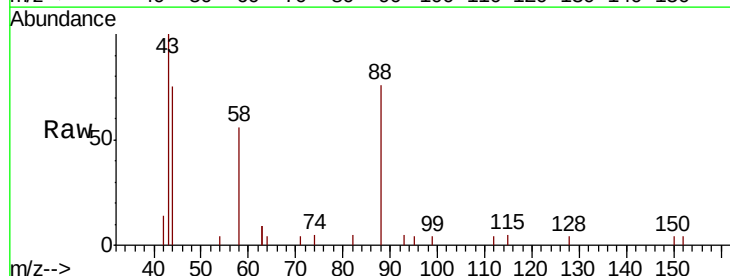
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



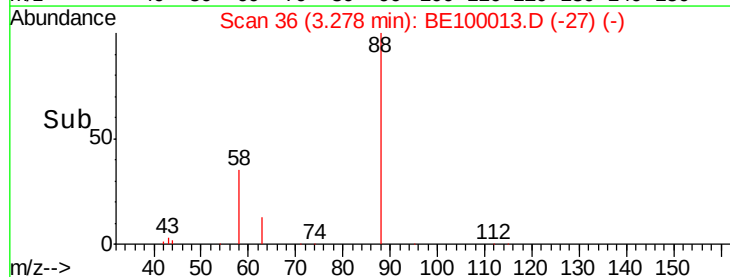
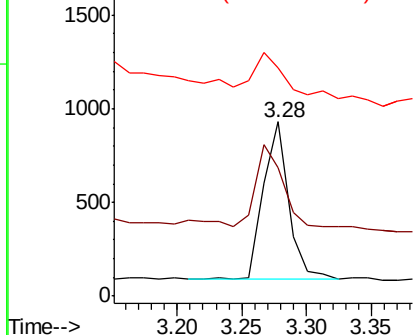
#2

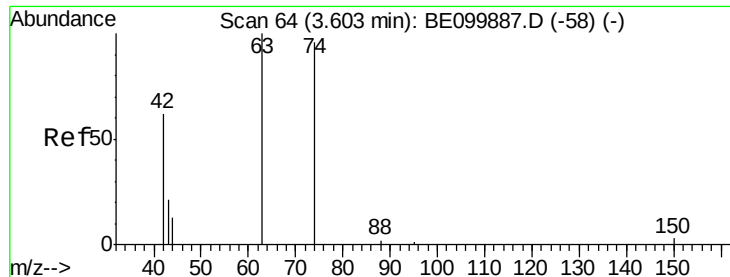
1,4-Dioxane
Concen: 0.925 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.01 min
Lab File: BE100013.D
Acq: 14 Jun 2019 8:39

Tgt Ion: 88 Resp: 1151
Ion Ratio Lower Upper
88 100
58 53.2 48.8 73.2
43 36.7 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: 0.217 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.01 min

Lab File: BE100013.D

Acq: 14 Jun 2019 8:39

Instrument :

BNA_E

ClientSampleId :

PB120491BS

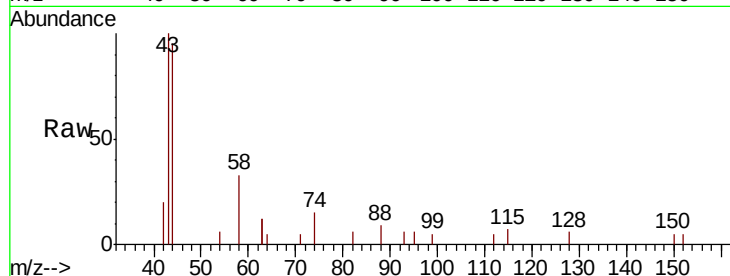
Tgt Ion: 42 Resp: 156

Ion Ratio Lower Upper

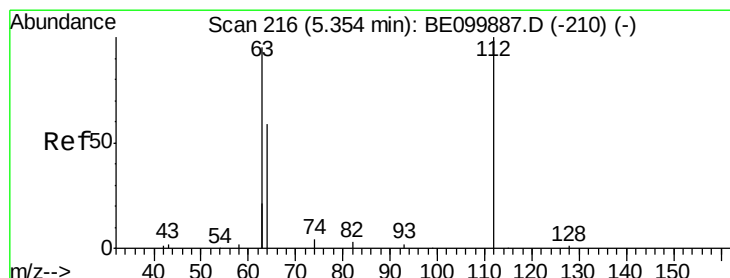
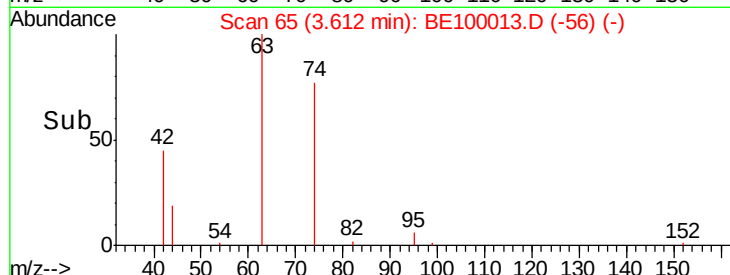
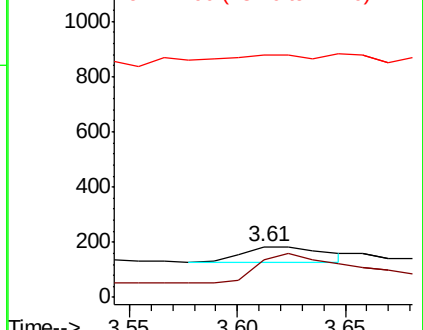
42 100

74 181.4 0.0 0.0#

44 92.3 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: 0.314 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100013.D

Acq: 14 Jun 2019 8:39

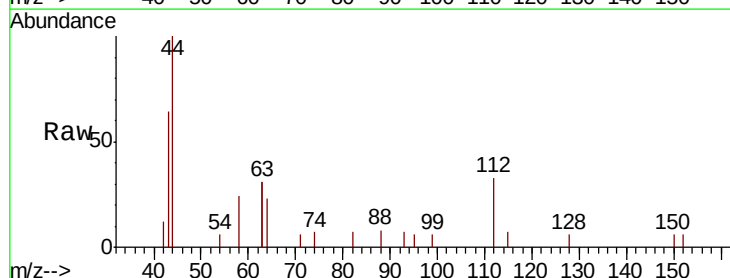
Tgt Ion: 112 Resp: 713

Ion Ratio Lower Upper

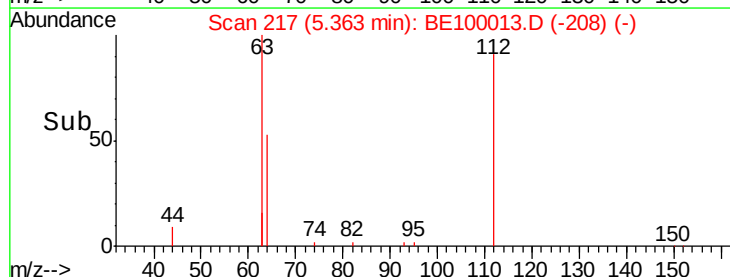
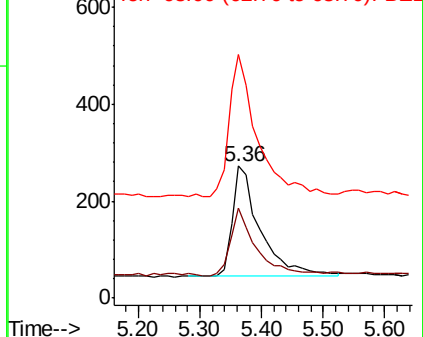
112 100

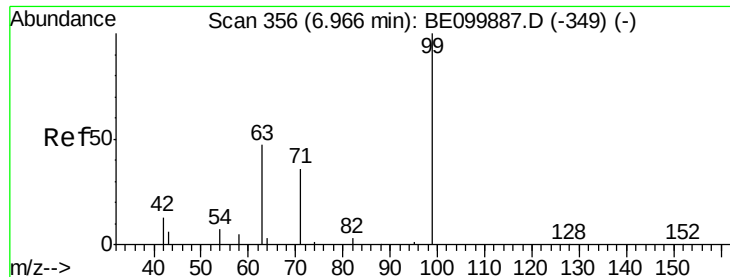
64 55.8 44.1 66.1

63 129.3 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: 0.315 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE100013.D

Acq: 14 Jun 2019 8:39

Instrument :

BNA_E

ClientSampleId :

PB120491BS

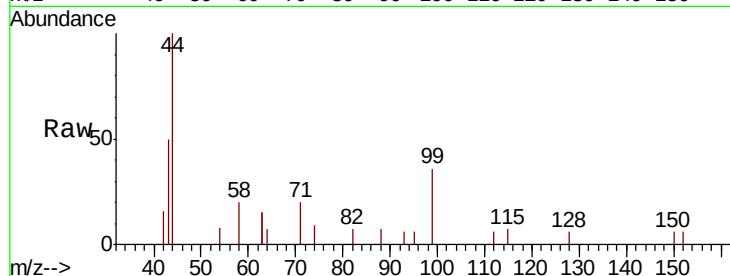
Tgt Ion: 99 Resp: 921

Ion Ratio Lower Upper

99 100

42 13.8 15.9 23.9#

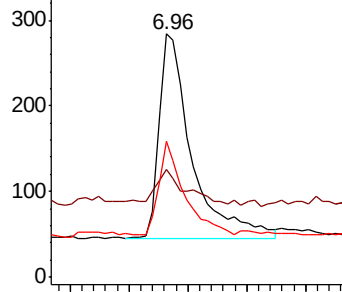
71 35.6 34.6 52.0



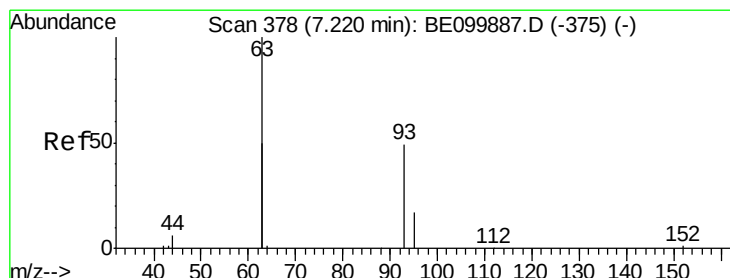
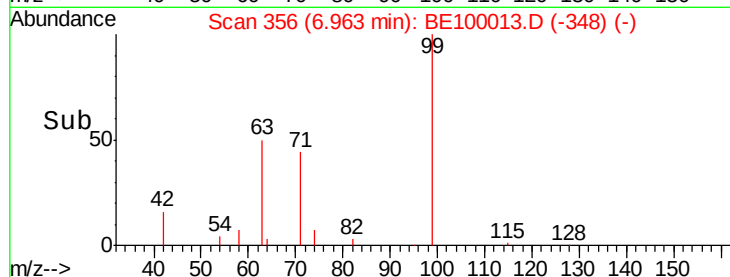
Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



Time--> 6.80 6.90 7.00 7.10 7.20



#6

bis(2-Chloroethyl)ether

Concen: 0.296 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE100013.D

Acq: 14 Jun 2019 8:39

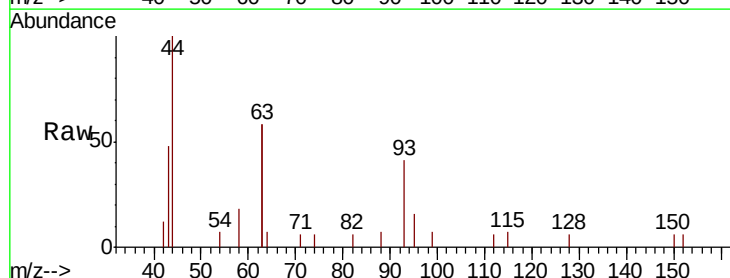
Tgt Ion: 93 Resp: 707

Ion Ratio Lower Upper

93 100

63 263.8 202.8 304.2

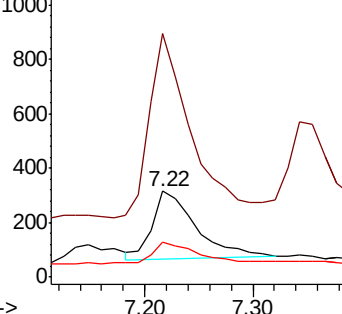
95 36.6 23.7 35.5#



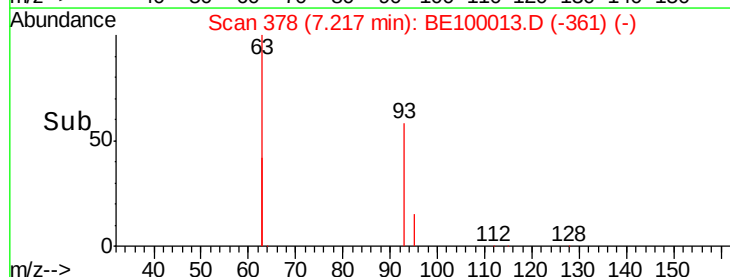
Abundance Ion 93.00 (92.70 to 93.70): BE1

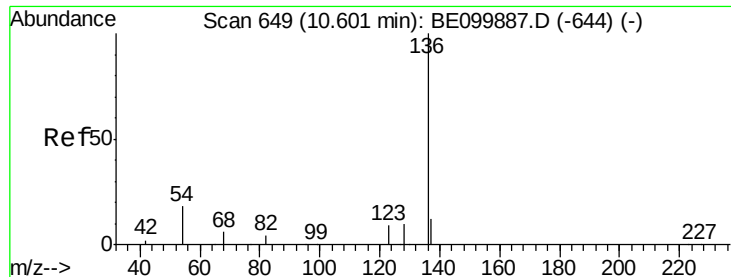
Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1



Time--> 7.20 7.30





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE100013.D

Acq: 14 Jun 2019 8:39

Instrument :

BNA_E

ClientSampleId :

PB120491BS

Tgt Ion: 136 Resp: 2875

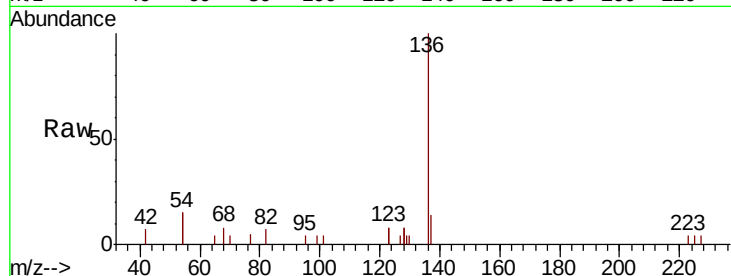
Ion Ratio Lower Upper

136 100

137 14.1 12.3 18.5

54 30.5 28.2 42.4

68 7.8 7.8 11.8#

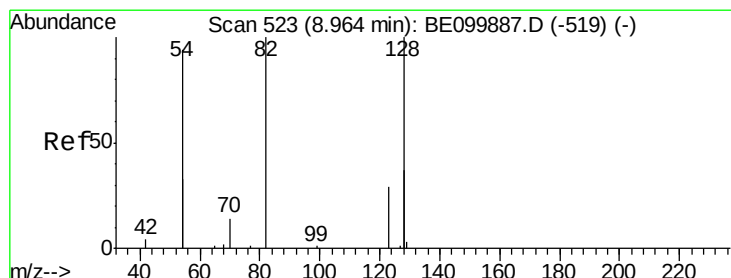
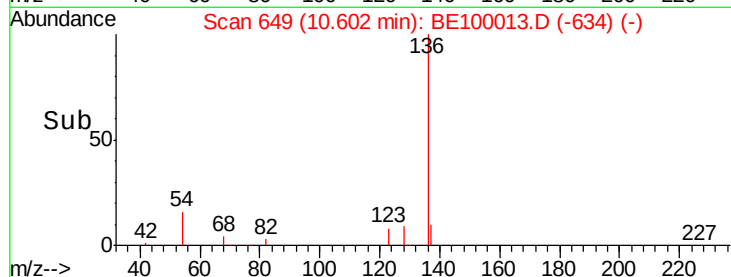
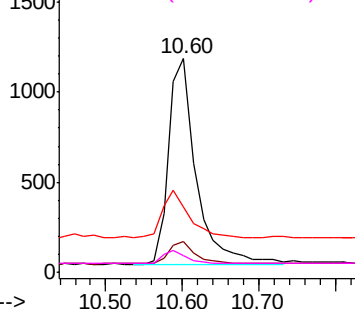


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.323 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE100013.D

Acq: 14 Jun 2019 8:39

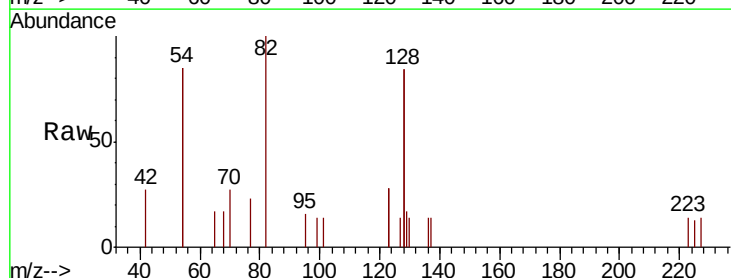
Tgt Ion: 82 Resp: 880

Ion Ratio Lower Upper

82 100

128 168.2 137.3 205.9

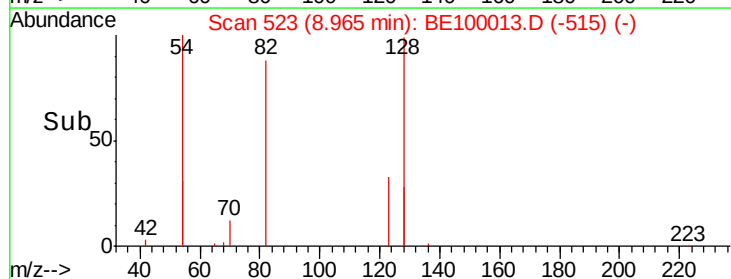
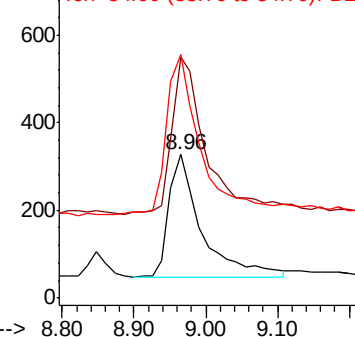
54 170.0 129.7 194.5

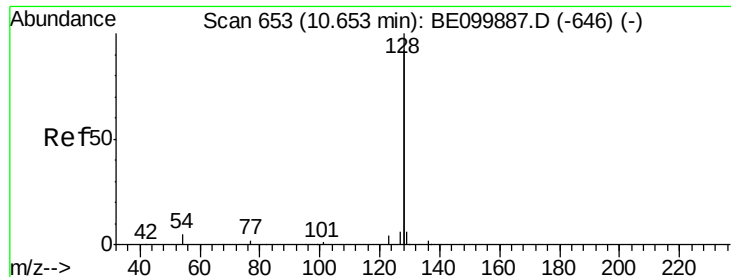


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.347 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE100013.D

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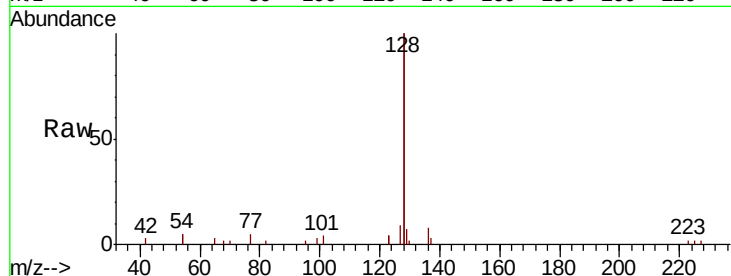
Tgt Ion:128 Resp: 10772

Ion Ratio Lower Upper

128 100

129 3.6 3.0 4.6

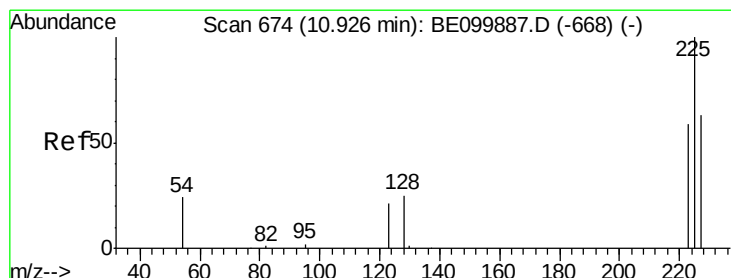
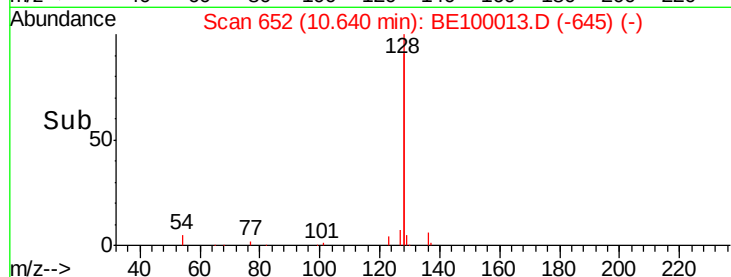
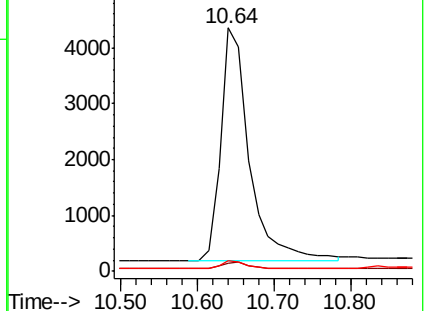
127 4.4 3.4 5.0



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: 0.387 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.01 min

Lab File: BE100013.D

Acq: 14 Jun 2019 8:39

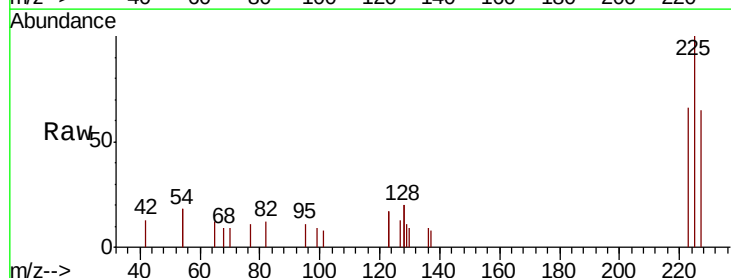
Tgt Ion:225 Resp: 916

Ion Ratio Lower Upper

225 100

223 62.6 51.6 77.4

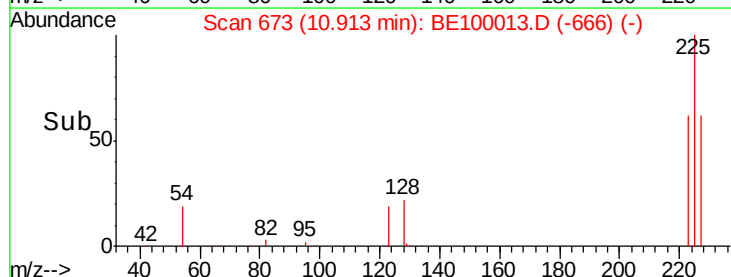
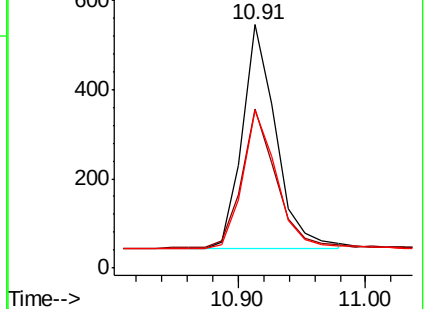
227 62.6 50.6 76.0

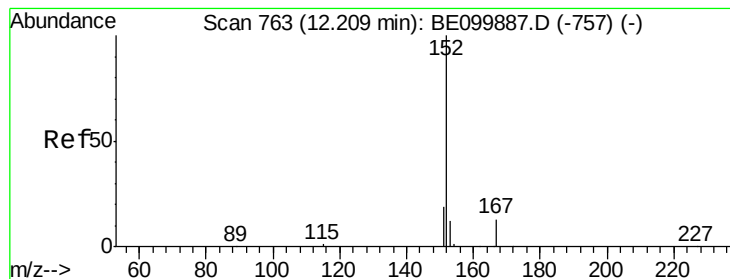


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.456 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100013.D

Acq: 14 Jun 2019 8:39

Instrument :

BNA_E

ClientSampleId :

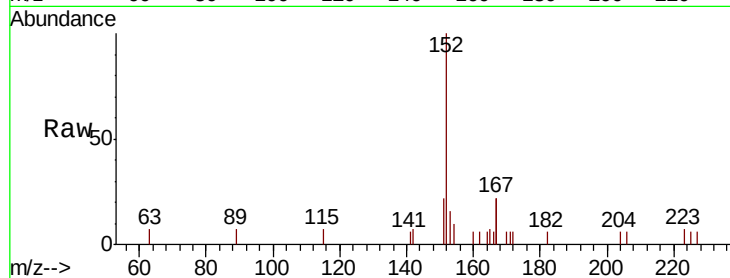
PB120491BS

Tgt Ion:152 Resp: 2285

Ion Ratio Lower Upper

152 100

151 14.7 15.2 22.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.21

800

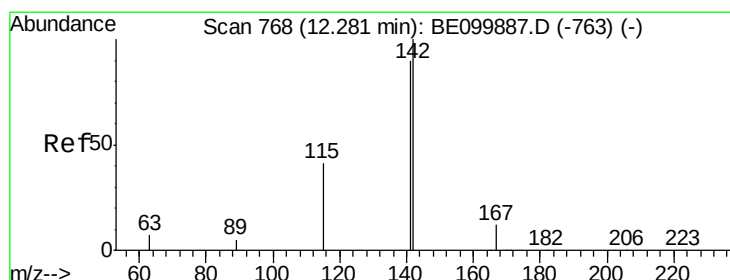
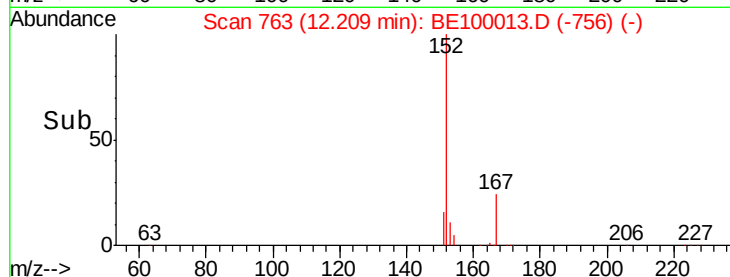
600

400

200

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.338 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE100013.D

Acq: 14 Jun 2019 8:39

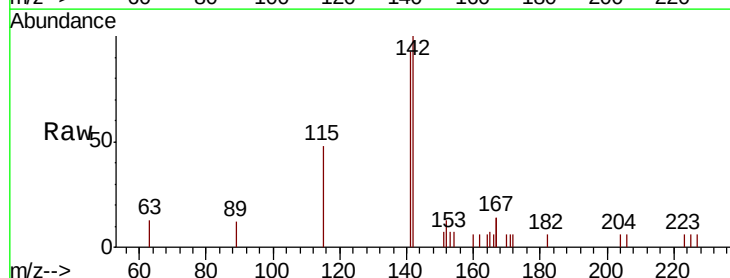
Tgt Ion:142 Resp: 1706

Ion Ratio Lower Upper

142 100

141 92.6 72.3 108.5

115 47.6 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

1000

800

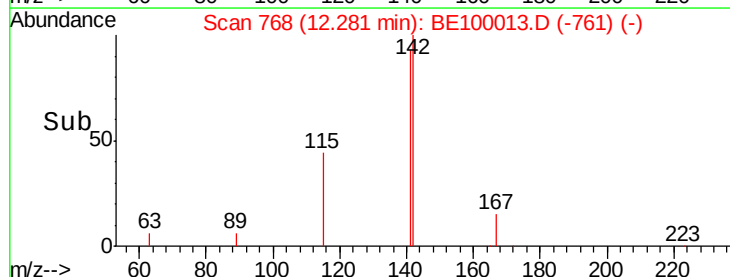
600

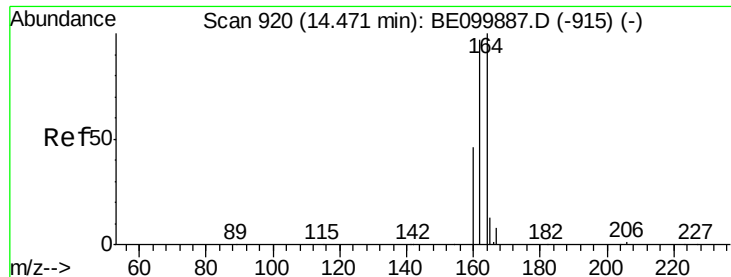
400

200

0

Time-->

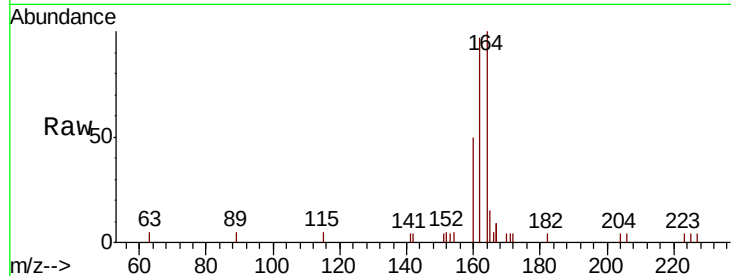




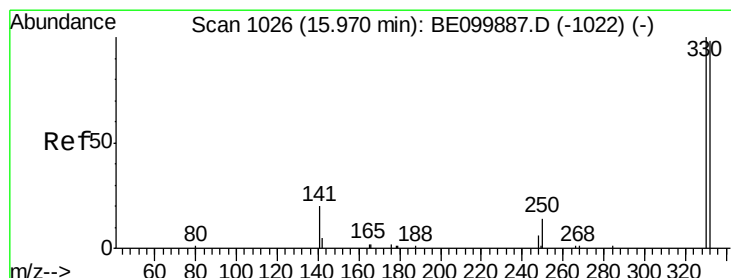
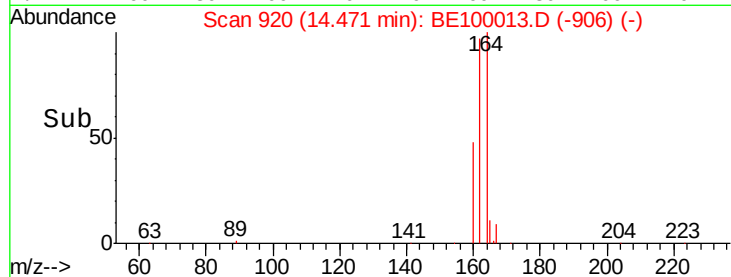
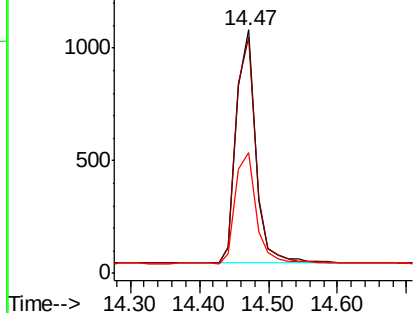
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: BE100013.D
 Acq: 14 Jun 2019 8:39

Instrument :
 BNA_E
 ClientSampleId :
 PB120491BS

Tgt Ion:164 Resp: 2021
 Ion Ratio Lower Upper
 164 100
 162 96.7 77.8 116.8
 160 49.9 38.2 57.4

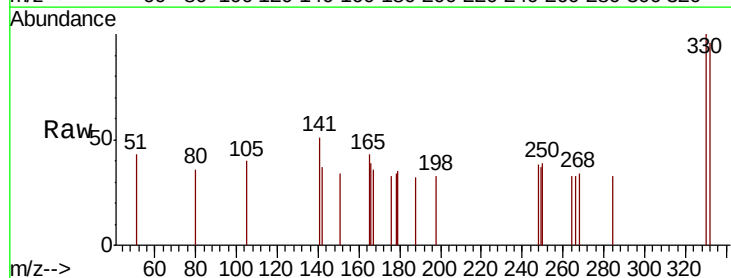


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

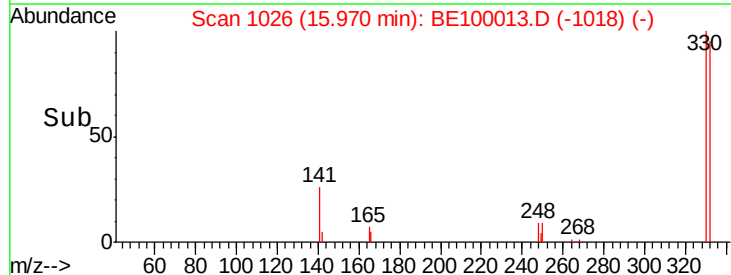
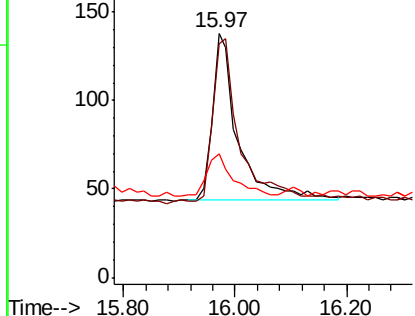


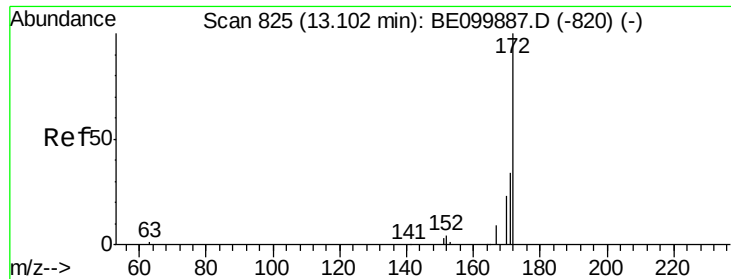
#14
 2,4,6-Tribromophenol
 Concen: 0.200 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BE100013.D
 Acq: 14 Jun 2019 8:39

Tgt Ion:330 Resp: 298
 Ion Ratio Lower Upper
 330 100
 332 103.4 76.7 115.1
 141 26.2 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

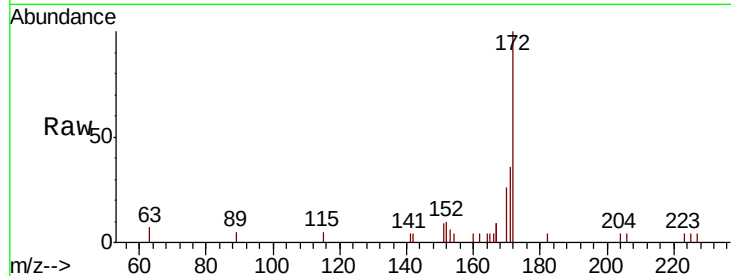




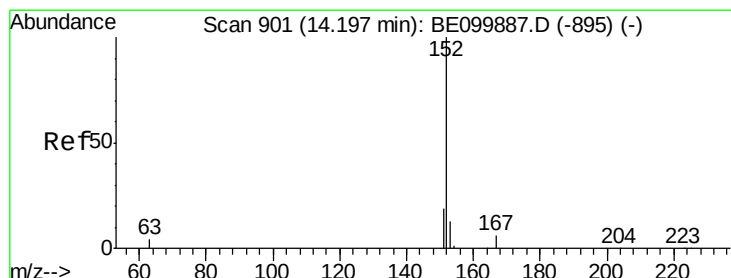
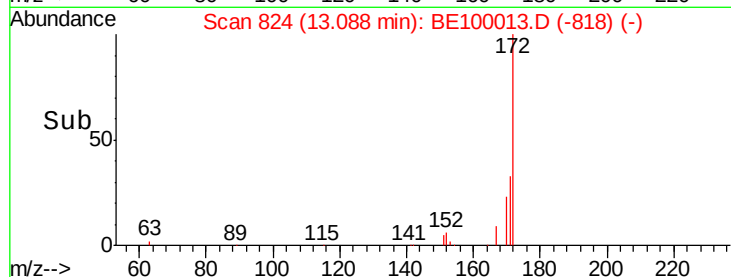
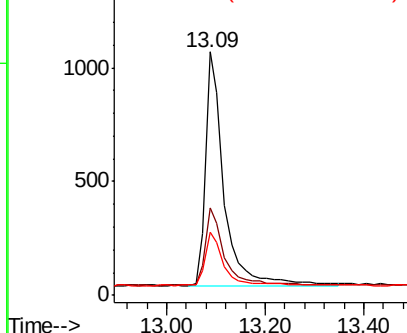
#15
2-Fluorobiphenyl
Concen: 0.343 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE100013.D
Acq: 14 Jun 2019 8:39

Instrument :
BNA_E
ClientSampled :
PB120491BS

Tgt Ion:172 Resp: 2626
Ion Ratio Lower Upper
172 100
171 35.9 29.2 43.8
170 26.2 21.2 31.8

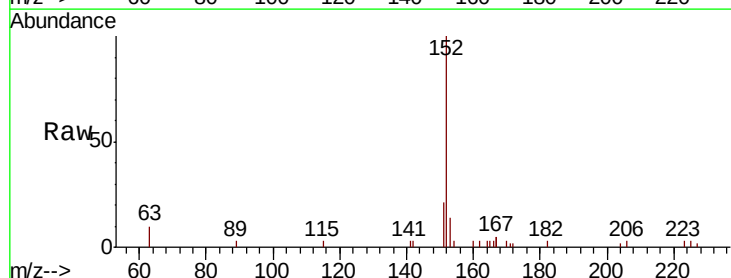


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

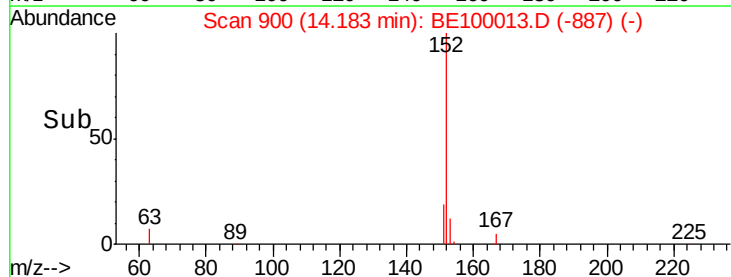
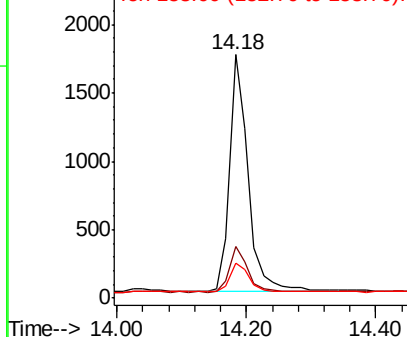


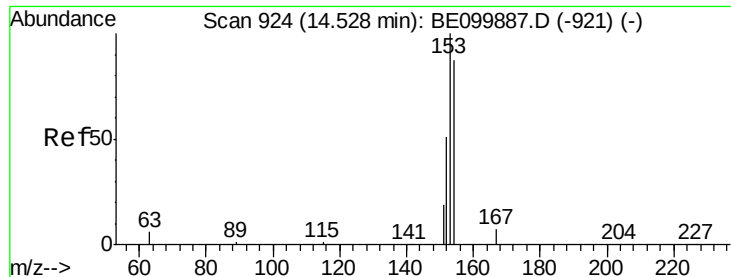
#16
Acenaphthylene
Concen: 0.339 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE100013.D
Acq: 14 Jun 2019 8:39

Tgt Ion:152 Resp: 3409
Ion Ratio Lower Upper
152 100
151 19.4 15.5 23.3
153 12.7 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: 0.338 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE100013.D

Acq: 14 Jun 2019 8:39

Instrument :

BNA_E

ClientSampleId :

PB120491BS

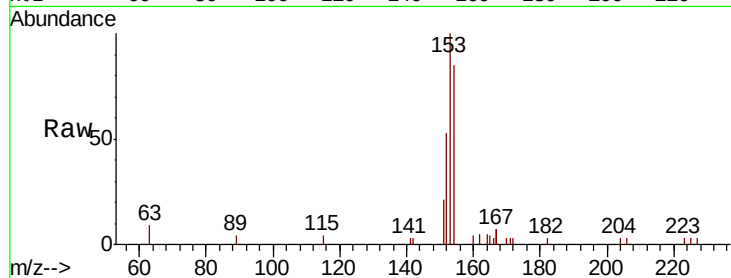
Tgt Ion:154 Resp: 1853

Ion Ratio Lower Upper

154 100

153 116.5 93.1 139.7

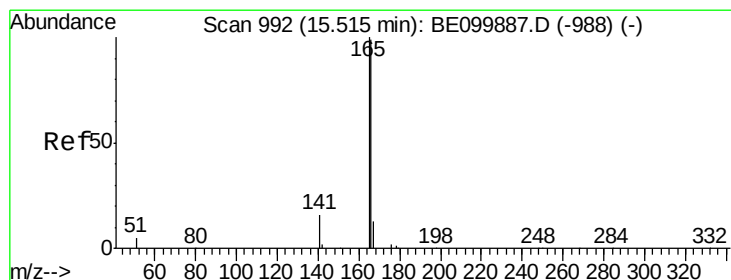
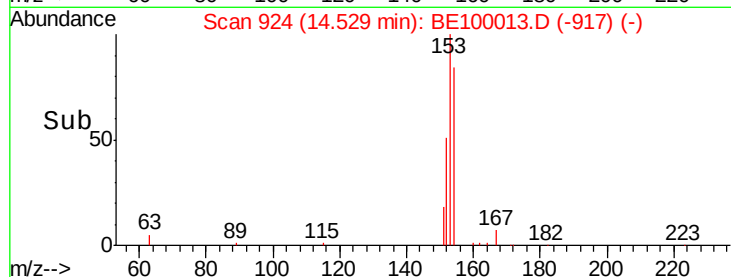
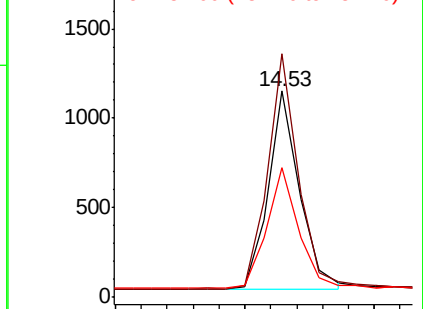
152 62.4 47.0 70.4



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: 0.346 ng

RT: 15.52 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE100013.D

Acq: 14 Jun 2019 8:39

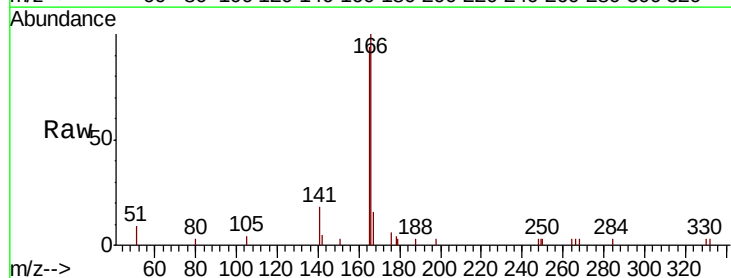
Tgt Ion:166 Resp: 2840

Ion Ratio Lower Upper

166 100

165 99.8 81.8 122.8

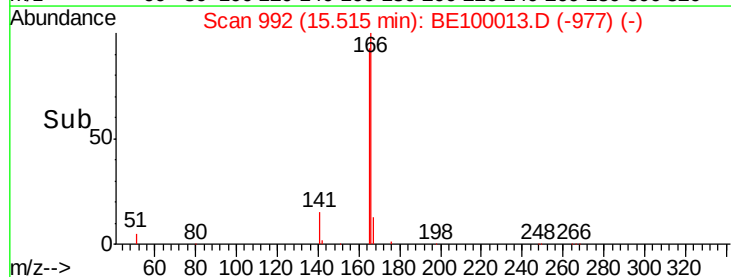
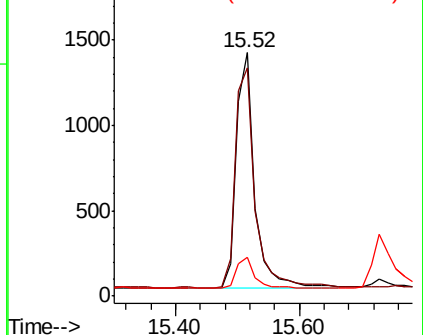
167 13.2 11.2 16.8

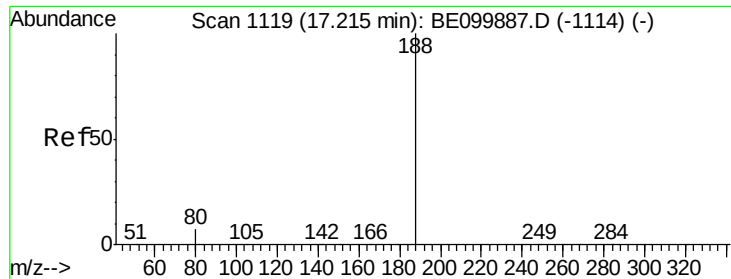


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100013.D

Acq: 14 Jun 2019 8:39

Instrument :

BNA_E

ClientSampleId :

PB120491BS

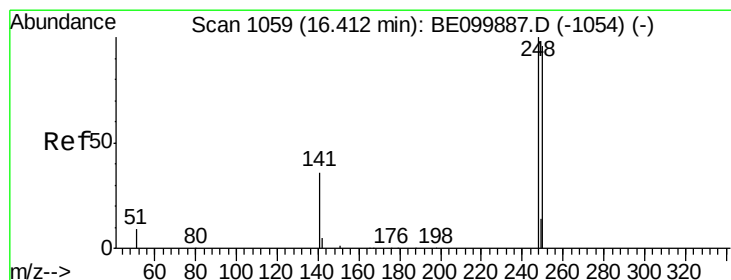
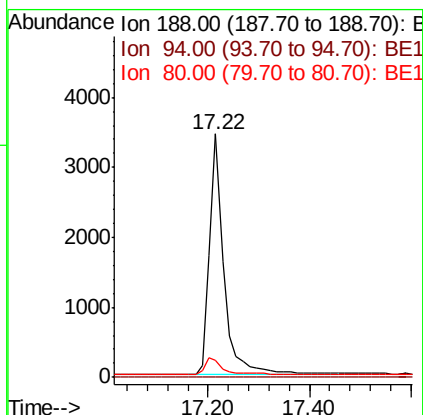
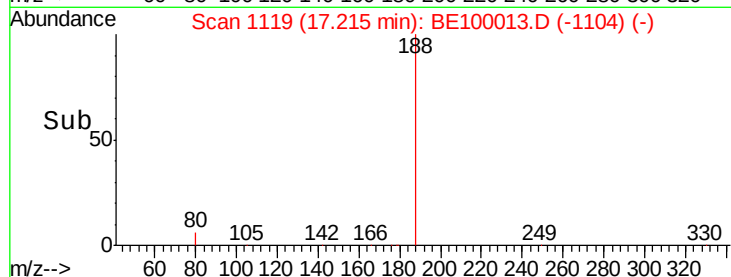
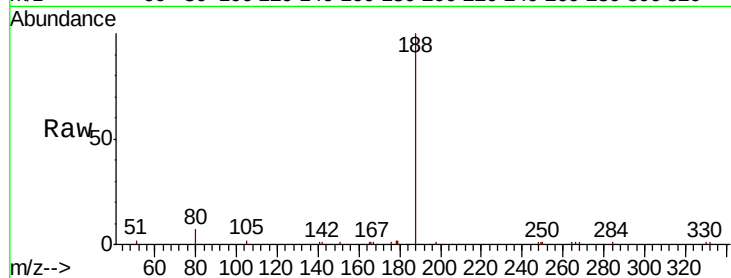
Tgt Ion:188 Resp: 6794

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.0 6.4 9.6



#20

4-Bromophenyl-phenylether

Concen: 0.346 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE100013.D

Acq: 14 Jun 2019 8:39

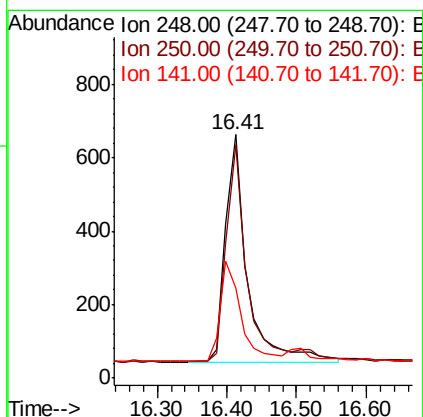
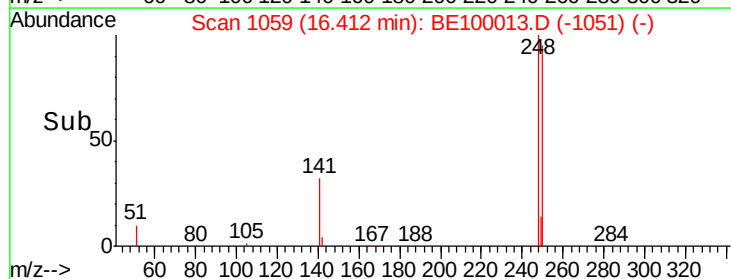
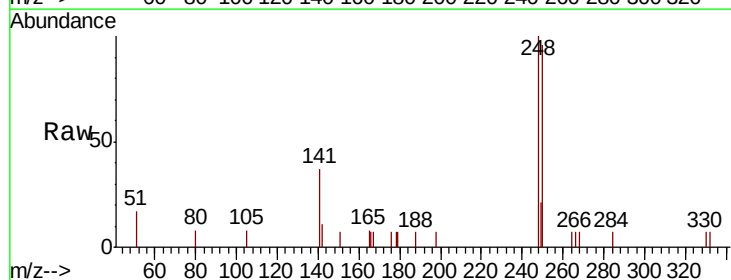
Tgt Ion:248 Resp: 1332

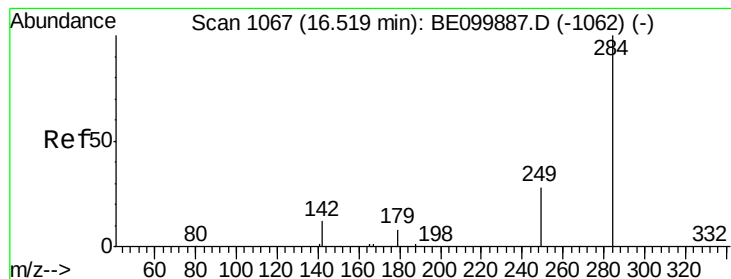
Ion Ratio Lower Upper

248 100

250 95.6 77.5 116.3

141 37.0 31.8 47.8





#21

Hexachlorobenzene

Concen: 0.343 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE100013.D

Acq: 14 Jun 2019 8:39

Instrument :

BNA_E

ClientSampleId :

PB120491BS

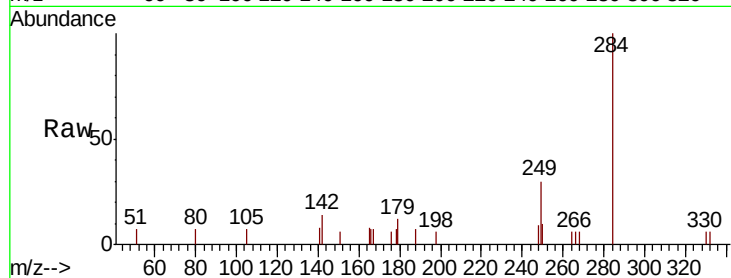
Tgt Ion:284 Resp: 1349

Ion Ratio Lower Upper

284 100

142 22.8 18.2 27.4

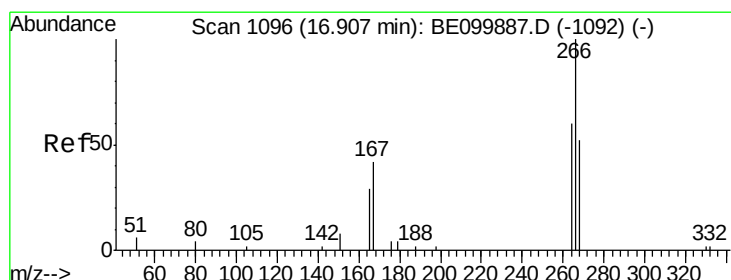
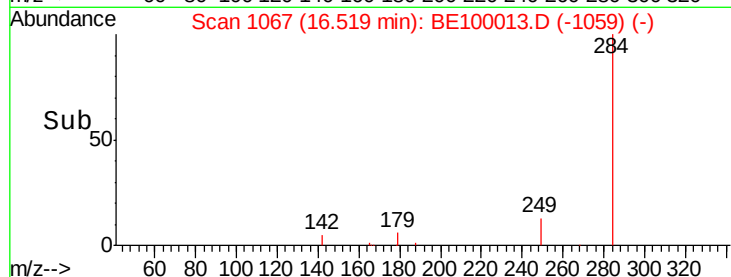
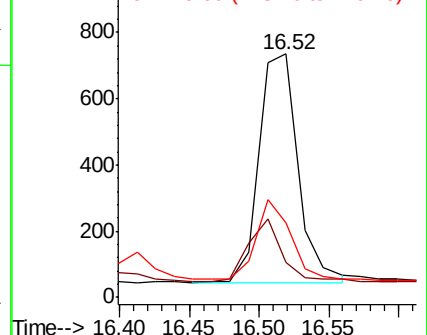
249 30.5 24.6 37.0



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: 0.376 ng

RT: 16.93 min Scan# 1098

Delta R.T. 0.03 min

Lab File: BE100013.D

Acq: 14 Jun 2019 8:39

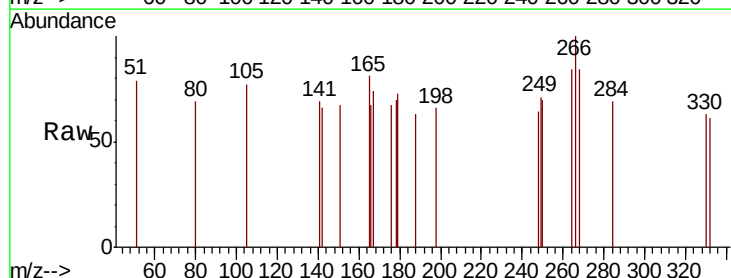
Tgt Ion:266 Resp: 144

Ion Ratio Lower Upper

266 100

264 84.3 62.2 93.2

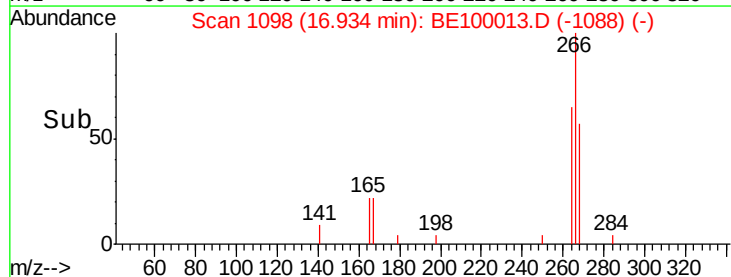
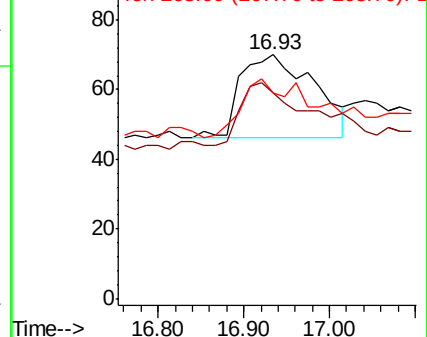
268 84.3 65.5 98.3

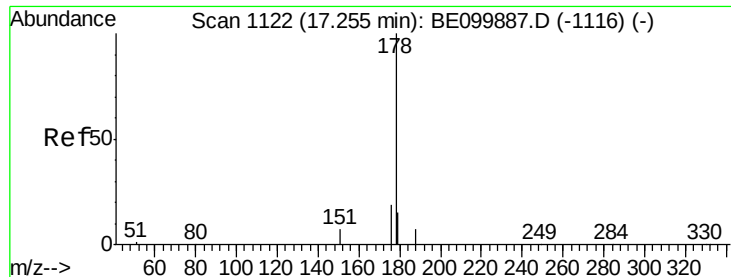


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.338 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE100013.D

Acq: 14 Jun 2019 8:39

Instrument :

BNA_E

ClientSampleId :

PB120491BS

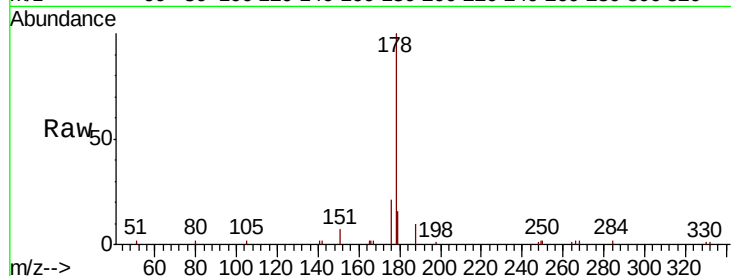
Tgt Ion:178 Resp: 5569

Ion Ratio Lower Upper

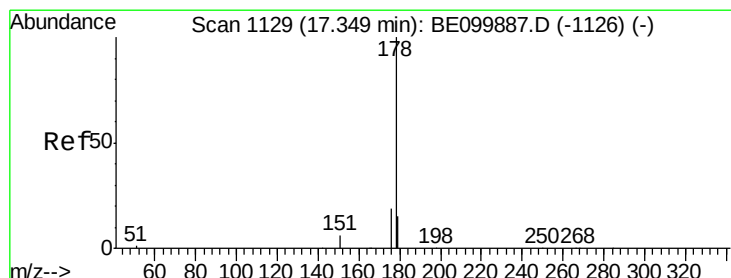
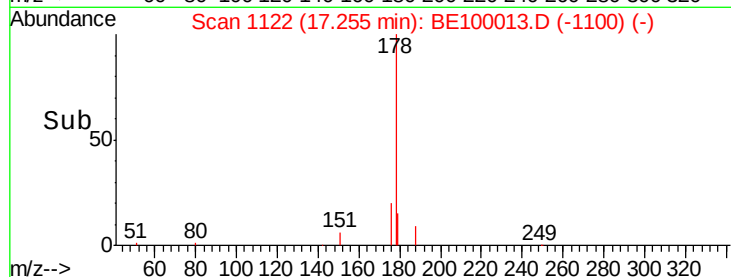
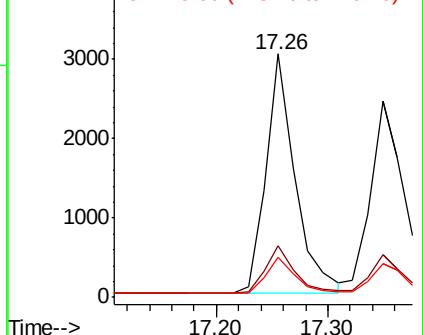
178 100

176 19.8 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: 0.324 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE100013.D

Acq: 14 Jun 2019 8:39

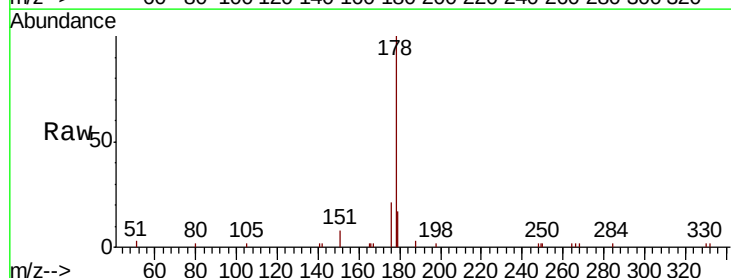
Tgt Ion:178 Resp: 4899

Ion Ratio Lower Upper

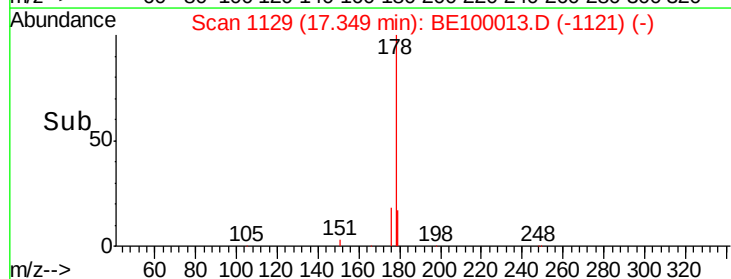
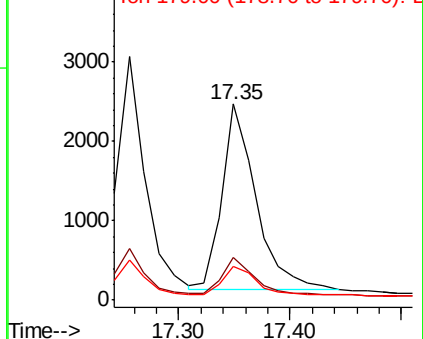
178 100

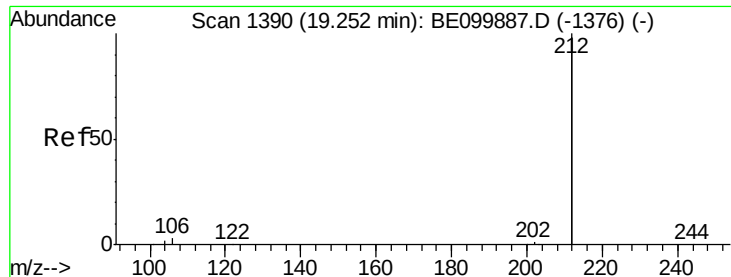
176 18.5 14.6 22.0

179 15.1 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: 0.333 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE100013.D

Acq: 14 Jun 2019 8:39

Instrument :

BNA_E

ClientSampleId :

PB120491BS

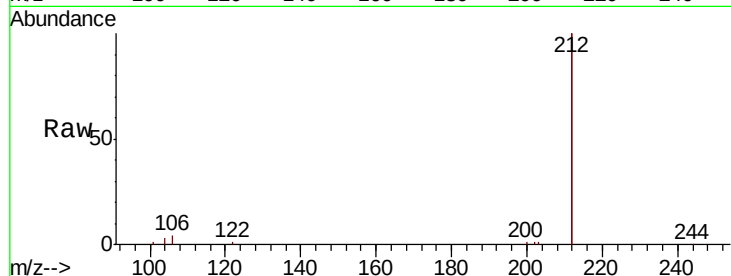
Tgt Ion:212 Resp: 33004

Ion Ratio Lower Upper

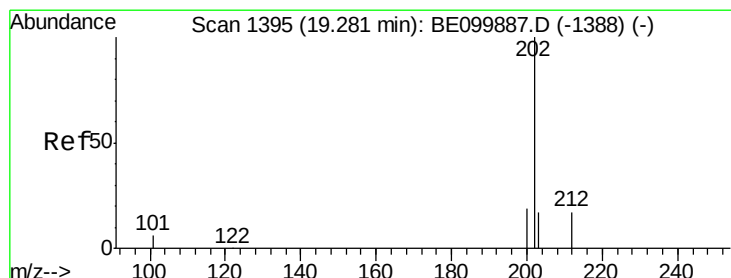
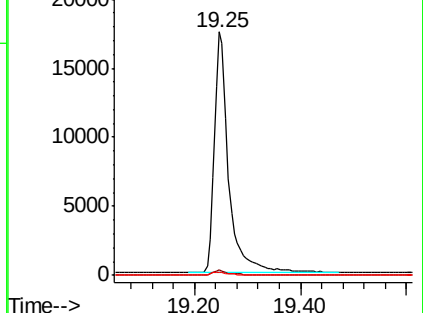
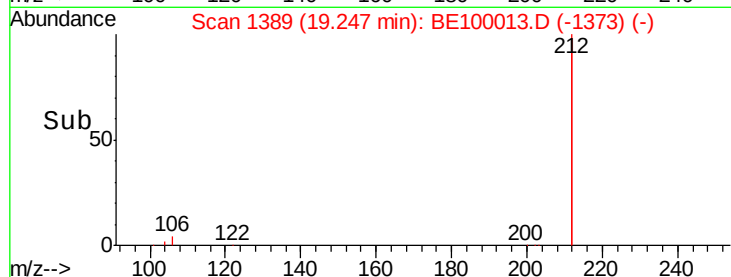
212 100

106 1.9 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: 0.350 ng

RT: 19.28 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BE100013.D

Acq: 14 Jun 2019 8:39

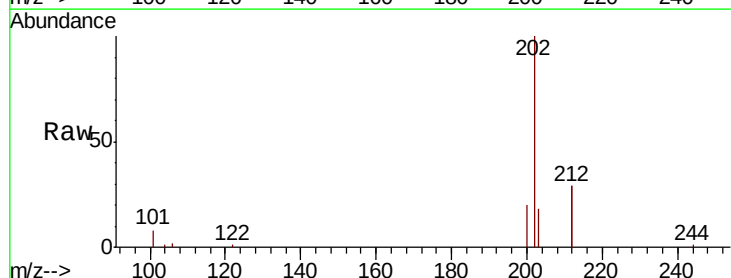
Tgt Ion:202 Resp: 9793

Ion Ratio Lower Upper

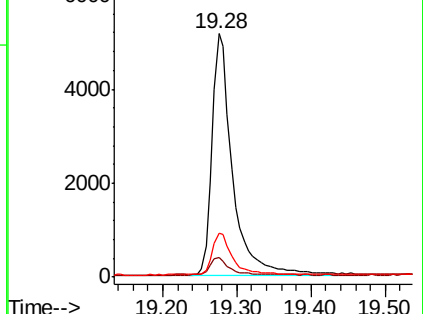
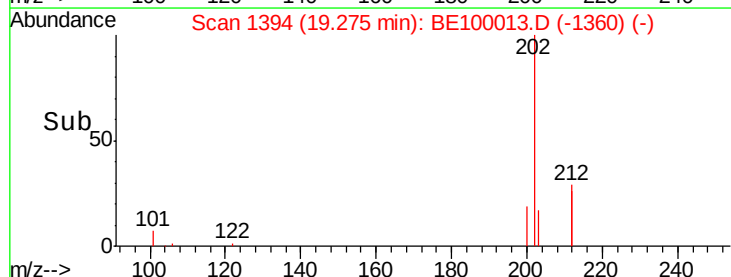
202 100

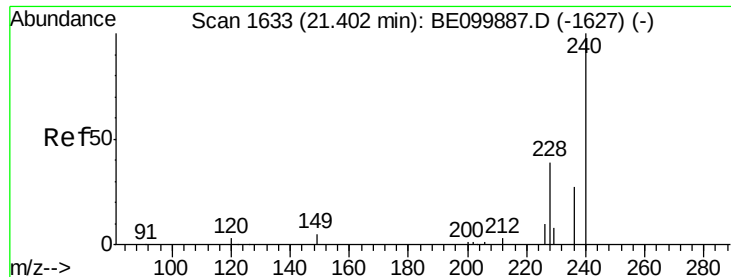
101 6.9 5.4 8.0

203 17.0 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

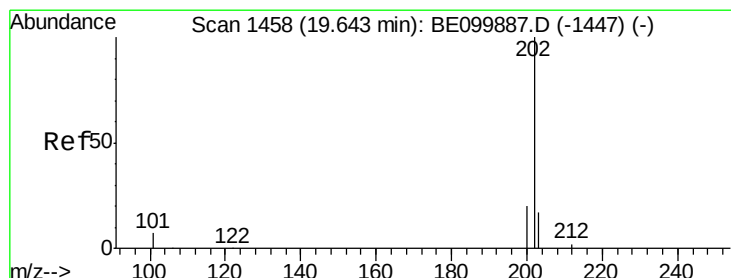
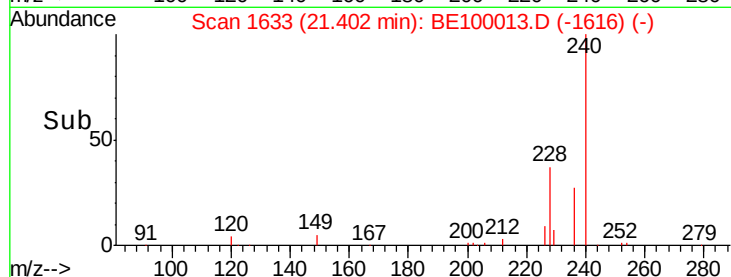
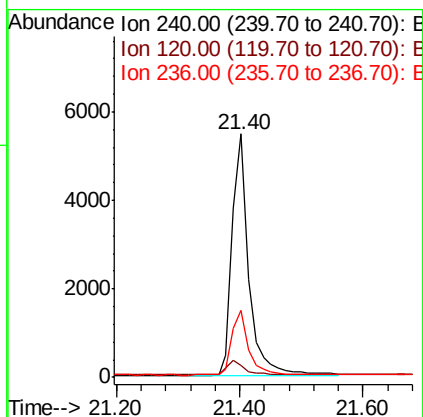
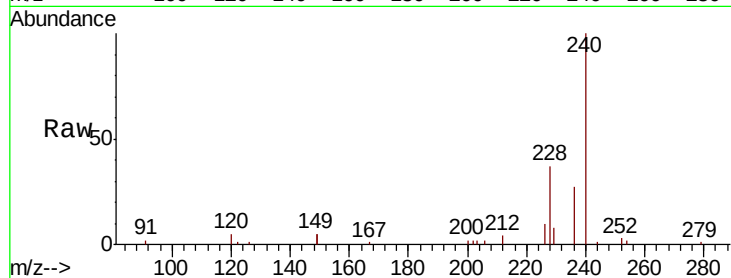




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE100013.D
 Acq: 14 Jun 2019 8:39

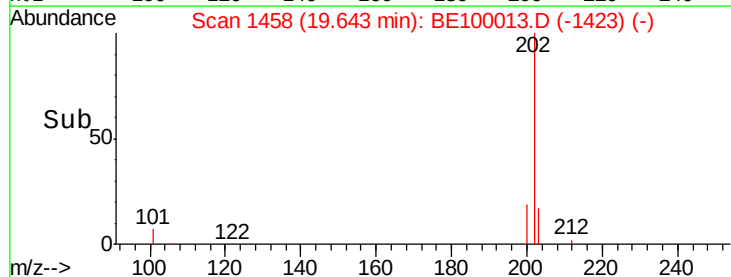
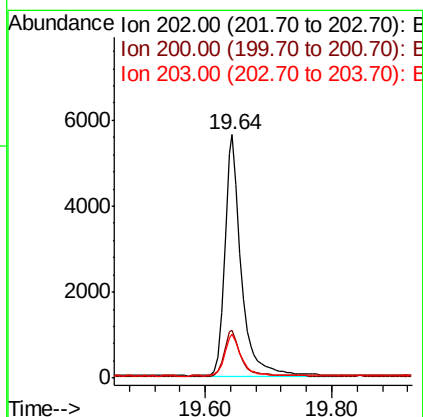
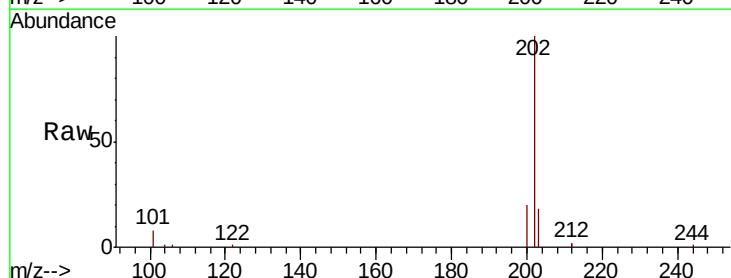
Instrument :
 BNA_E
 ClientSampleId :
 PB120491BS

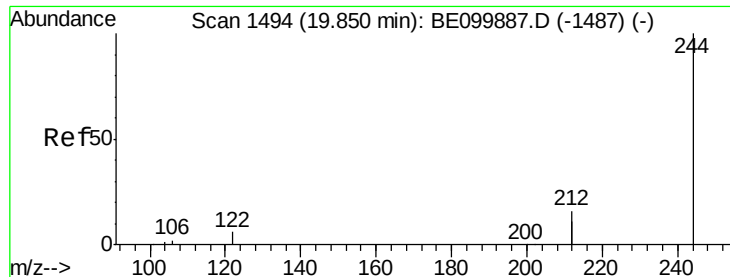
Tgt Ion: 240 Resp: 10113
 Ion Ratio Lower Upper
 240 100
 120 4.8 3.8 5.6
 236 27.5 22.0 33.0



#28
 Pyrene
 Concen: 0.382 ng
 RT: 19.64 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BE100013.D
 Acq: 14 Jun 2019 8:39

Tgt Ion: 202 Resp: 10154
 Ion Ratio Lower Upper
 202 100
 200 19.4 15.5 23.3
 203 18.0 14.0 21.0





#29

Terphenyl-d14

Concen: 0.374 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BE100013.D

Acq: 14 Jun 2019 8:39

Instrument :

BNA_E

ClientSampleId :

PB120491BS

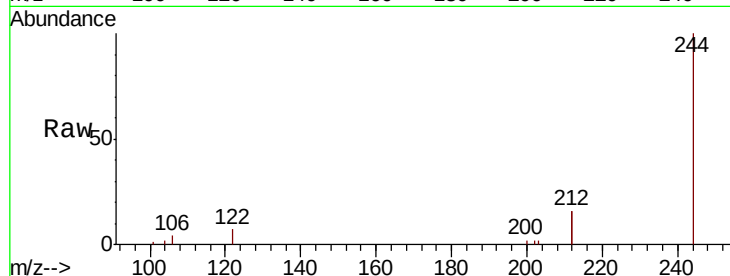
Tgt Ion:244 Resp: 6805

Ion Ratio Lower Upper

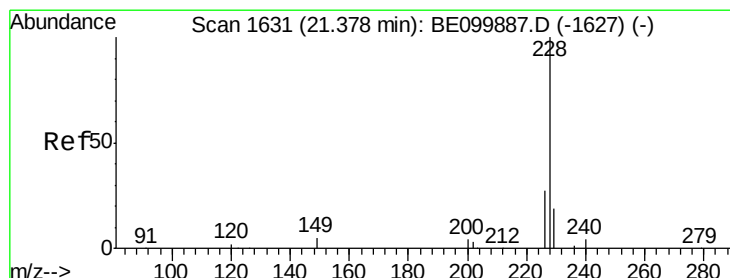
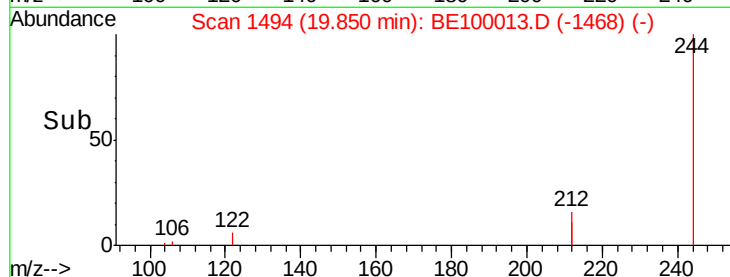
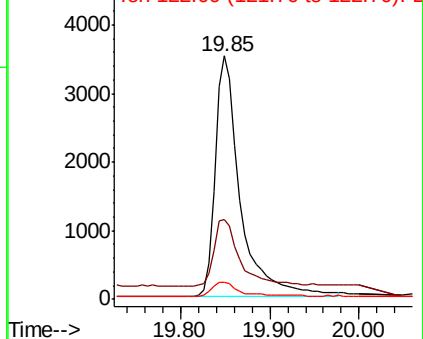
244 100

212 32.6 25.7 38.5

122 7.1 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: 0.382 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE100013.D

Acq: 14 Jun 2019 8:39

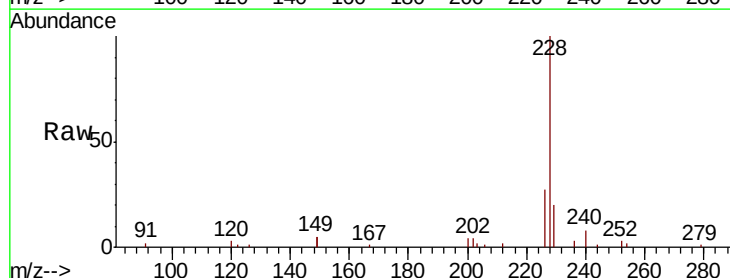
Tgt Ion:228 Resp: 11535

Ion Ratio Lower Upper

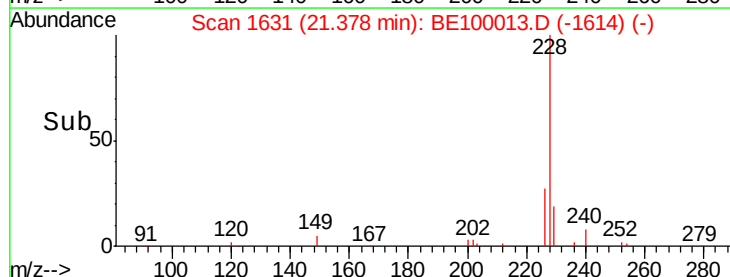
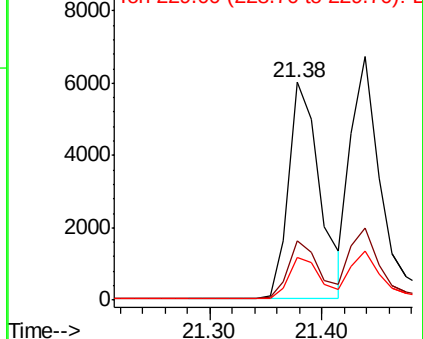
228 100

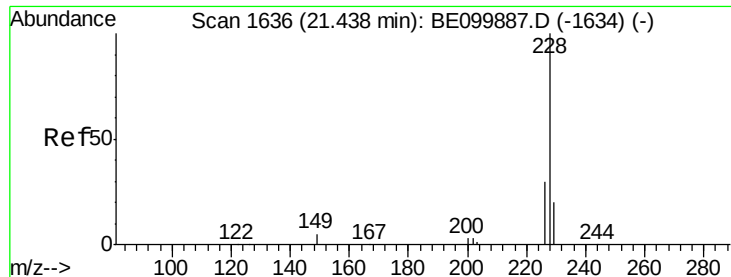
226 27.2 22.5 33.7

229 19.8 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: 0.378 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE100013.D

Acq: 14 Jun 2019 8:39

Instrument :

BNA_E

ClientSampleId :

PB120491BS

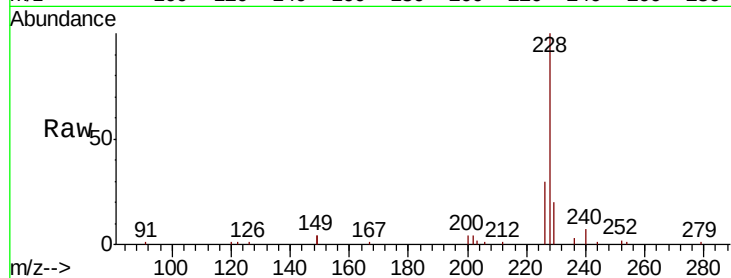
Tgt Ion:228 Resp: 11802

Ion Ratio Lower Upper

228 100

226 29.6 24.1 36.1

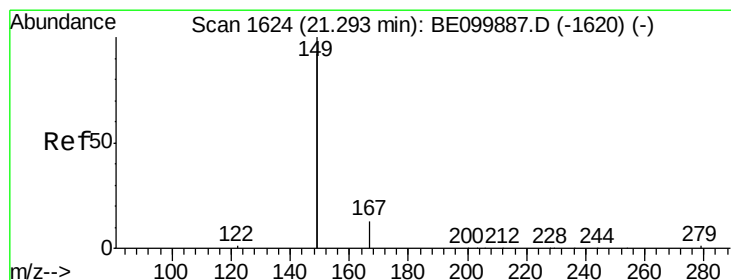
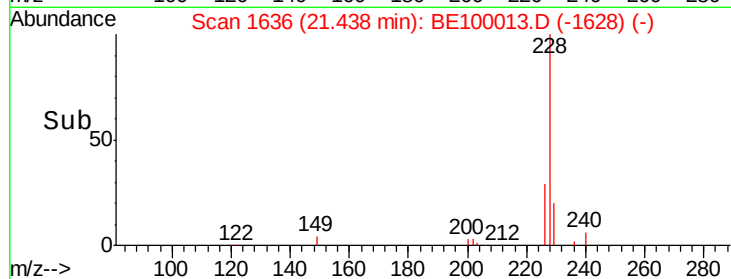
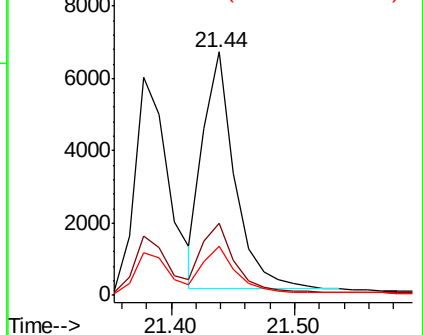
229 20.3 16.1 24.1



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: 0.303 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100013.D

Acq: 14 Jun 2019 8:39

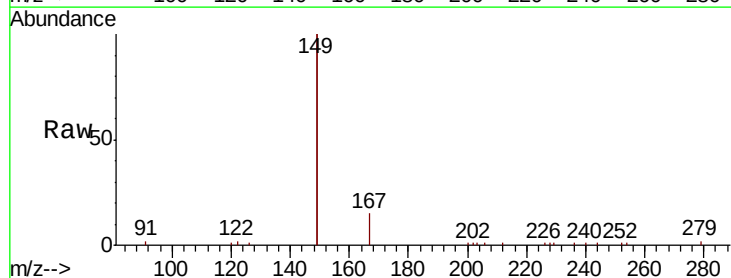
Tgt Ion:149 Resp: 13132

Ion Ratio Lower Upper

149 100

167 7.2 5.9 8.9

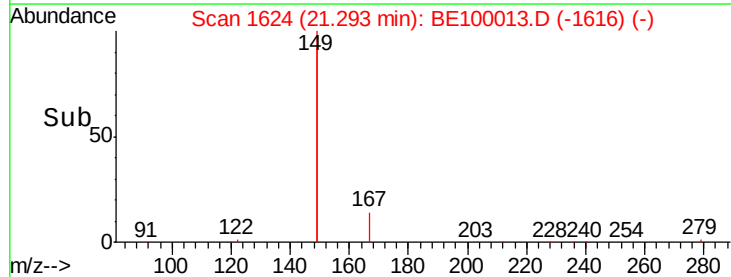
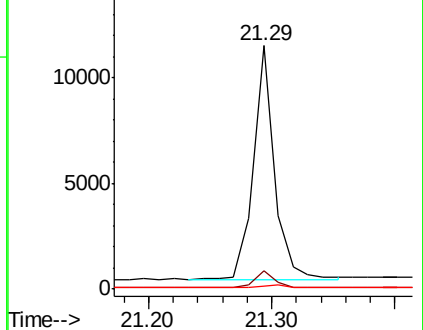
279 1.5 1.2 1.8

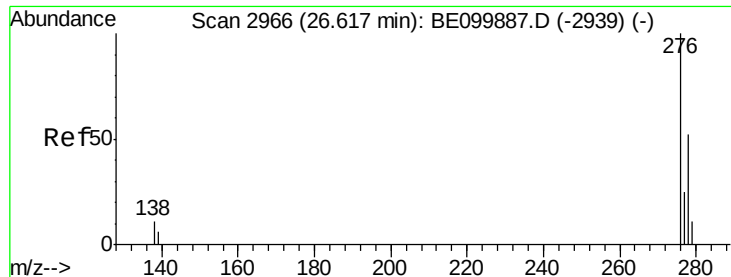


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.354 ng

RT: 26.61 min Scan# 2965

Delta R.T. -0.00 min

Lab File: BE100013.D

Acq: 14 Jun 2019 8:39

Instrument :

BNA_E

ClientSampleId :

PB120491BS

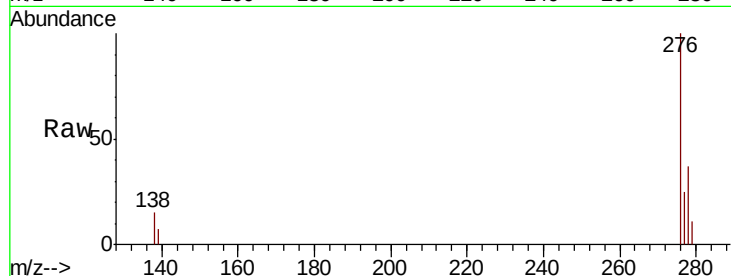
Tgt Ion:276 Resp: 13132

Ion Ratio Lower Upper

276 100

138 6.4 10.1 15.1#

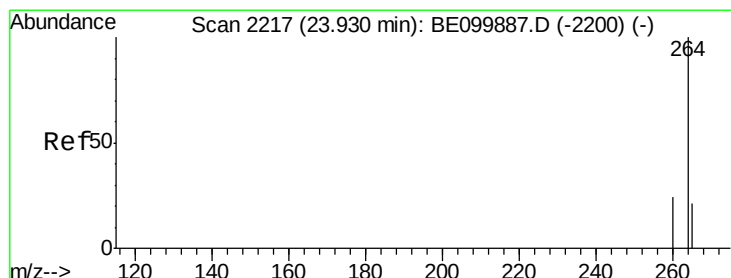
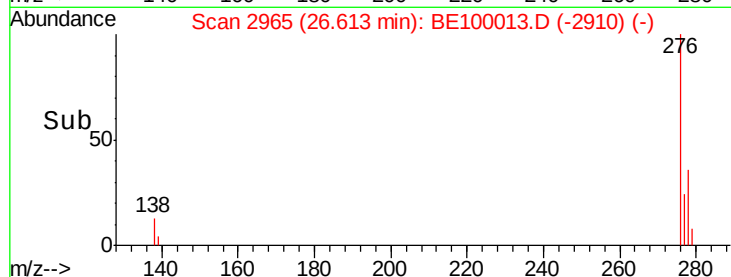
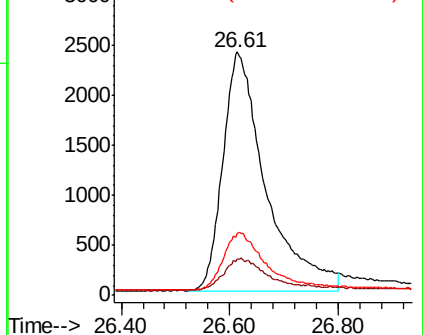
277 24.7 19.1 28.7



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: 23.93 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BE100013.D

Acq: 14 Jun 2019 8:39

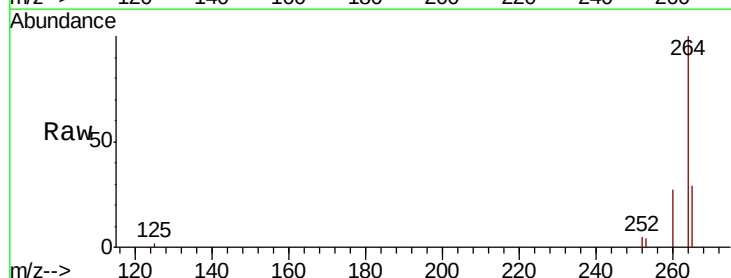
Tgt Ion:264 Resp: 11030

Ion Ratio Lower Upper

264 100

260 26.5 20.2 30.2

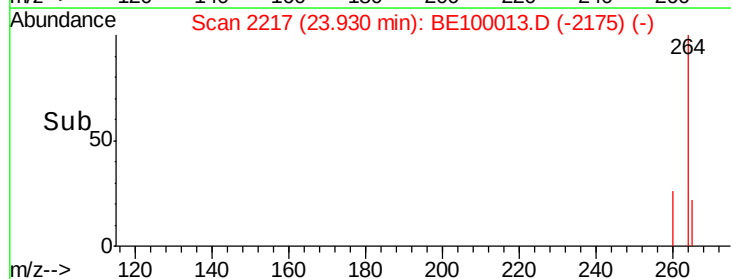
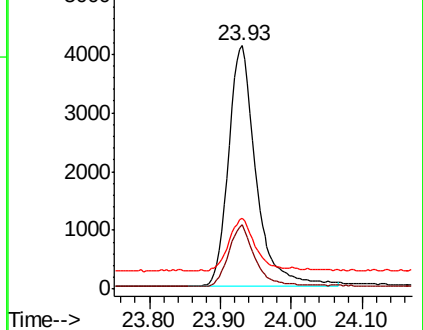
265 29.1 22.0 33.0

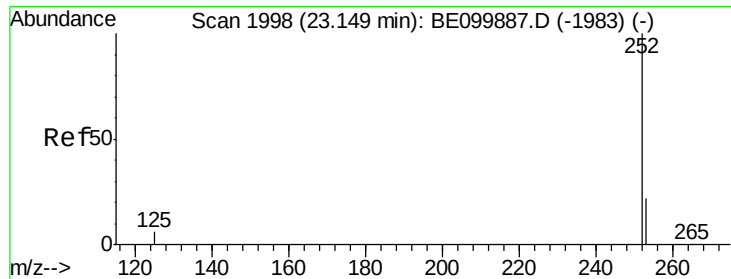


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.401 ng

RT: 23.20 min Scan# 2011

Delta R.T. 0.05 min

Lab File: BE100013.D

Acq: 14 Jun 2019 8:39

Instrument :

BNA_E

ClientSampleId :

PB120491BS

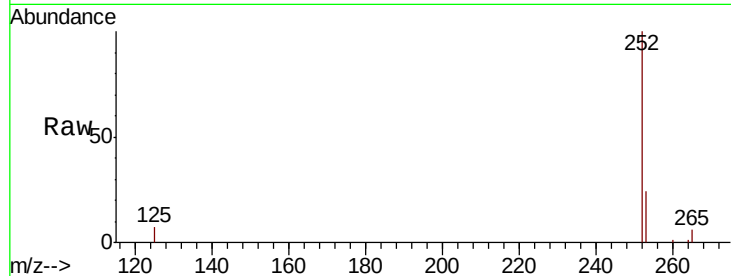
Tgt Ion:252 Resp: 12390

Ion Ratio Lower Upper

252 100

253 23.7 18.7 28.1

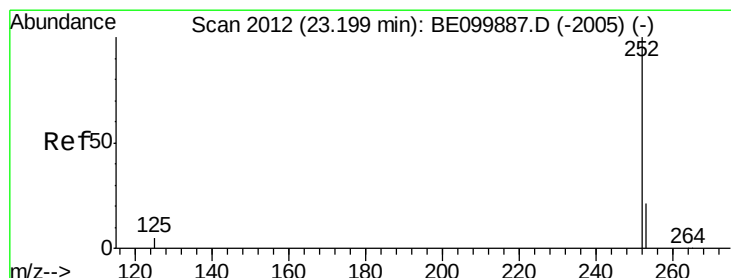
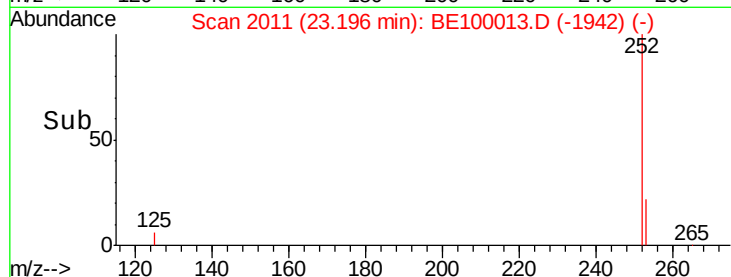
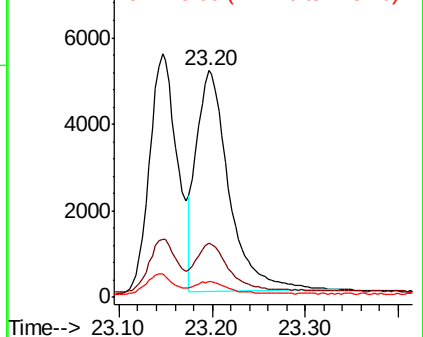
125 7.2 5.7 8.5



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: 0.392 ng

RT: 23.20 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BE100013.D

Acq: 14 Jun 2019 8:39

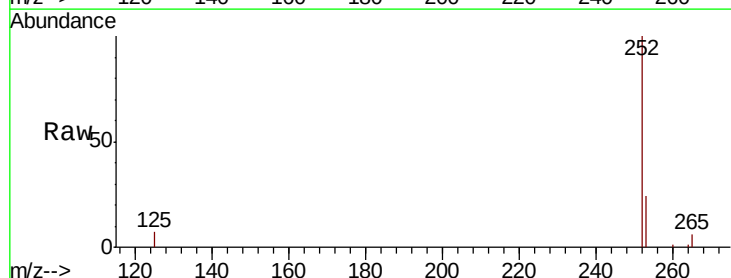
Tgt Ion:252 Resp: 12683

Ion Ratio Lower Upper

252 100

253 23.7 18.6 28.0

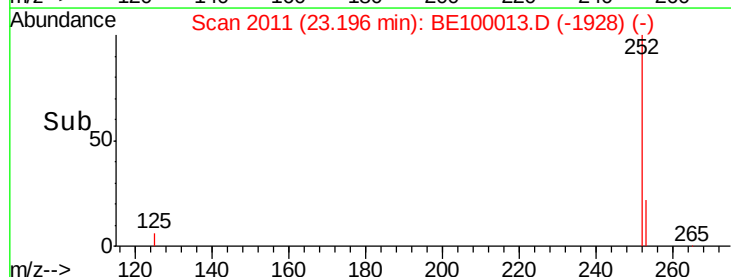
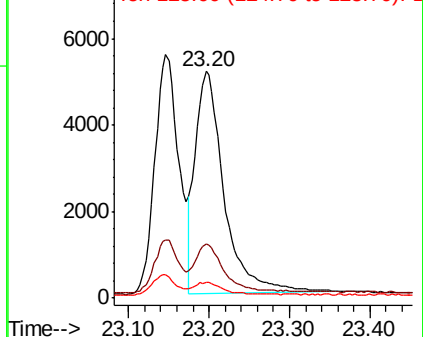
125 7.2 5.4 8.0

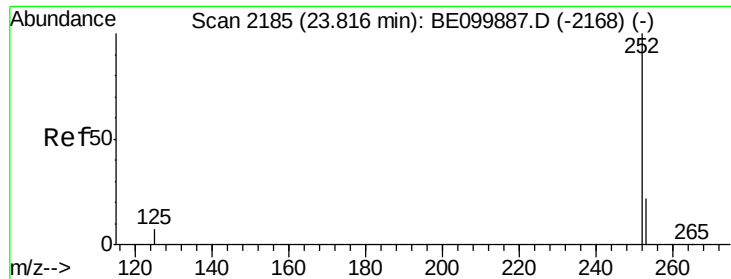


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.389 ng

RT: 23.81 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BE100013.D

Acq: 14 Jun 2019 8:39

Instrument :

BNA_E

ClientSampleId :

PB120491BS

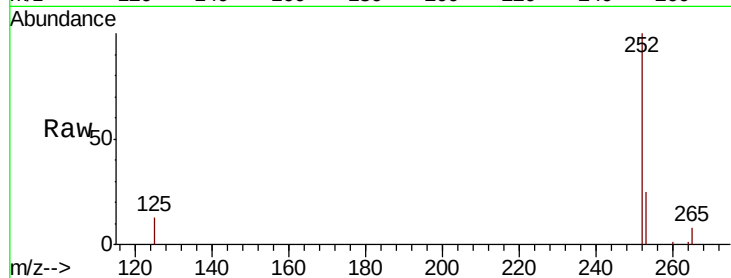
Tgt Ion:252 Resp: 11856

Ion Ratio Lower Upper

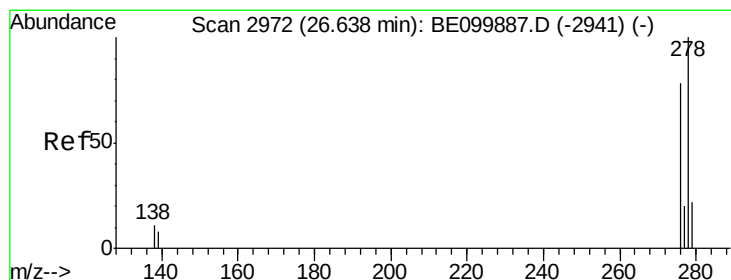
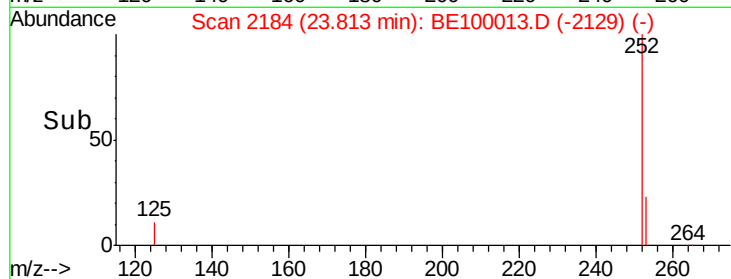
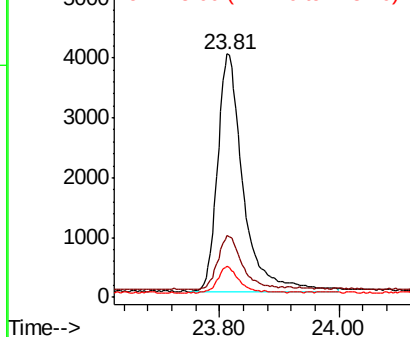
252 100

253 25.4 19.6 29.4

125 12.9 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: 0.317 ng

RT: 26.64 min Scan# 2973

Delta R.T. 0.00 min

Lab File: BE100013.D

Acq: 14 Jun 2019 8:39

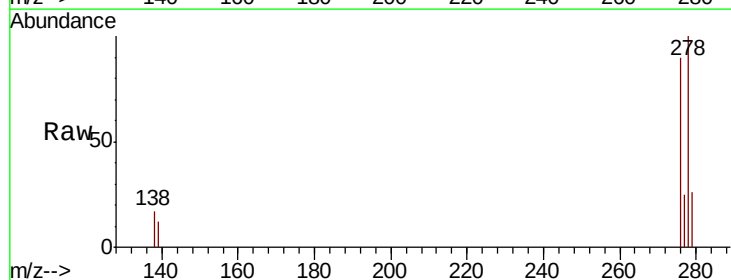
Tgt Ion:278 Resp: 9723

Ion Ratio Lower Upper

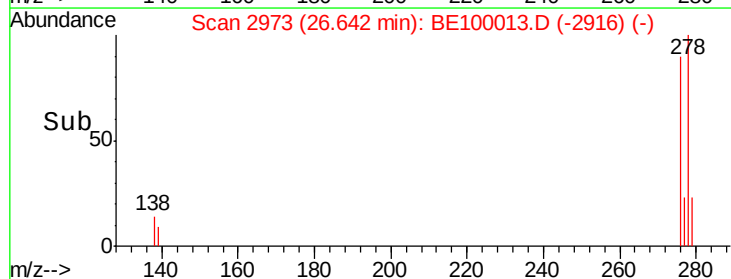
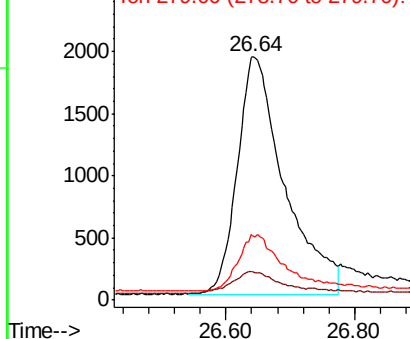
278 100

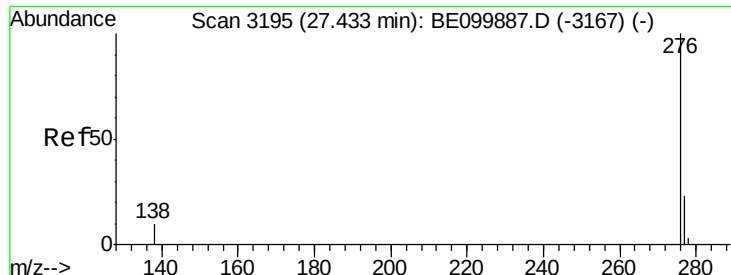
139 11.8 7.8 11.8#

279 26.4 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: 0.345 ng

RT: 27.44 min Scan# 3196

Delta R.T. 0.00 min

Lab File: BE100013.D

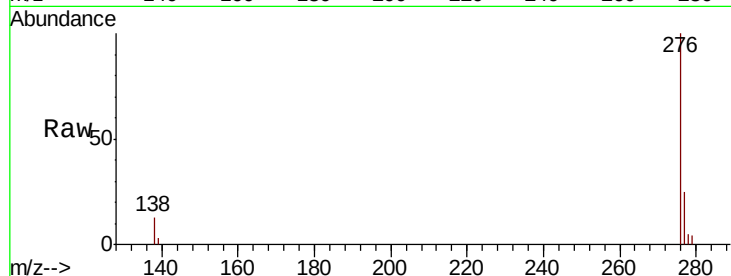
Acq: 14 Jun 2019 8:39

Instrument :

BNA_E

ClientSampleId :

PB120491BS



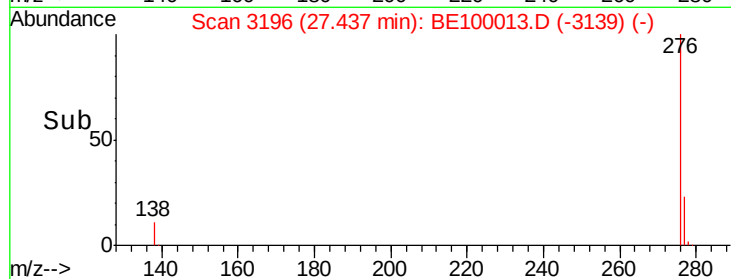
Tgt Ion: 276 Resp: 10923

Ion Ratio Lower Upper

276 100

277 24.7 19.5 29.3

138 13.4 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

