

Data File : BE101105.D
Acq On : 21 Jan 2020 10:22
Operator : JU
Sample : PB126198BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB126198BS

Quant Time: Jan 22 07:55:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	674	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	3350	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	2953	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	9963	0.40	ng	0.00
27) Chrysene-d12	21.27	240	22187	0.40	ng	-0.01
34) Perylene-d12	23.69	264	29239	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	743	0.49	ng	-0.01
5) Phenol-d6	6.91	99	706	0.37	ng	-0.01
8) Nitrobenzene-d5	8.87	82	869	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	2511	0.39	ng	-0.02
14) 2,4,6-Tribromophenol	15.84	330	460	0.55	ng	-0.01
15) 2-Fluorobiphenyl	12.99	172	3861	0.34	ng	-0.02
25) Fluoranthene-d10	19.12	212	70224	0.51	ng	-0.01
29) Terphenyl-d14	19.72	244	18023	0.33	ng	-0.01

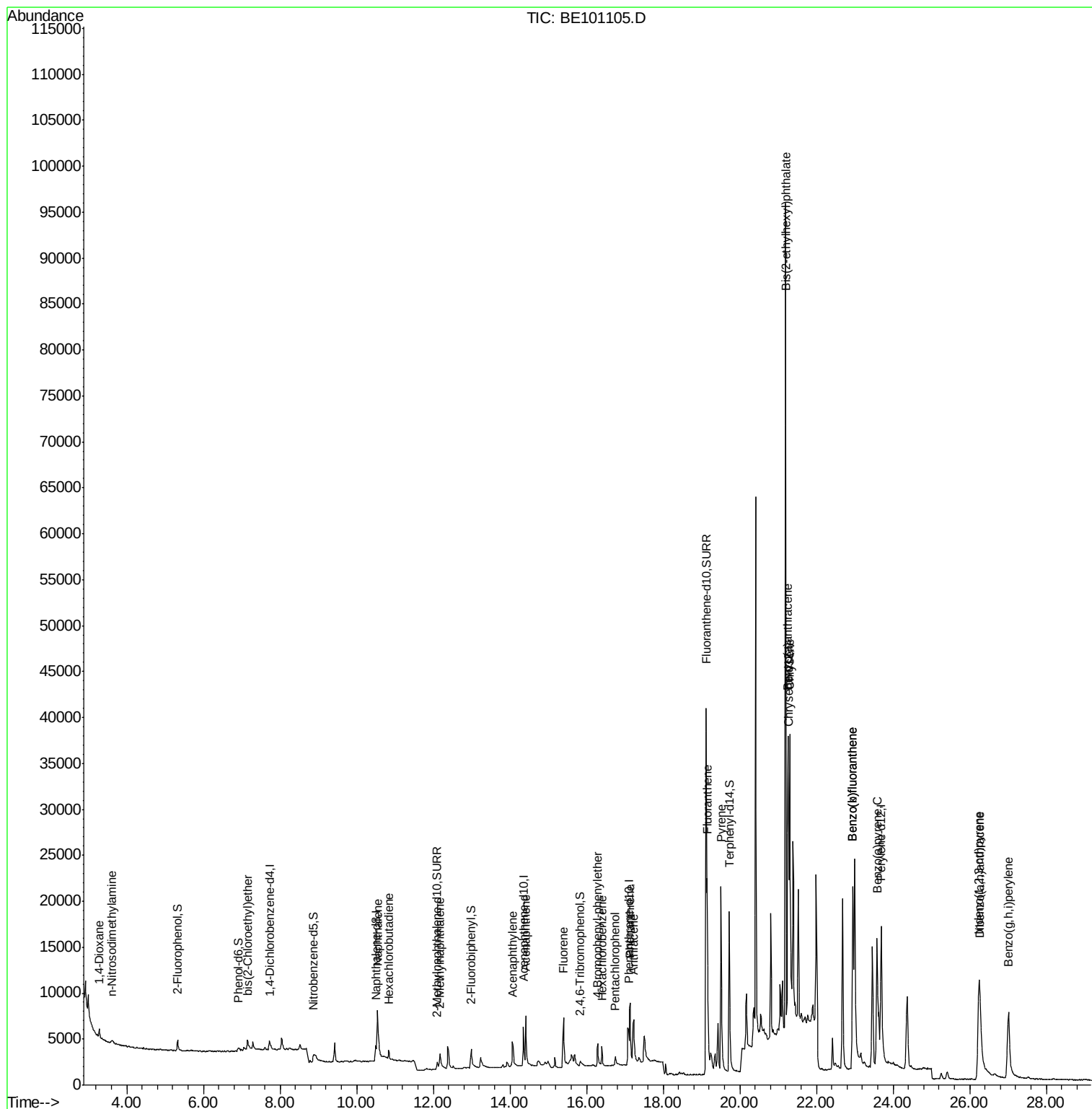
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	744	0.483	ng	# 85
3) n-Nitrosodimethylamine	3.60	42	464	0.495	ng	# 84
6) bis(2-Chloroethyl)ether	7.15	93	913	0.399	ng	77
9) Naphthalene	10.55	128	14871	0.400	ng	# 98
10) Hexachlorobutadiene	10.83	225	690	0.438	ng	99
12) 2-Methylnaphthalene	12.17	142	2364	0.420	ng	95
16) Acenaphthylene	14.07	152	4722	0.393	ng	# 91
17) Acenaphthene	14.41	154	3262	0.379	ng	96
18) Fluorene	15.39	166	4704	0.432	ng	100
20) 4-Bromophenyl-phenylether	16.29	248	1765	0.363	ng	94
21) Hexachlorobenzene	16.40	284	1549	0.291	ng	99
22) Pentachlorophenol	16.75	266	813	0.686	ng	94
23) Phenanthrene	17.13	178	9848	0.362	ng	100
24) Anthracene	17.23	178	10734	0.418	ng	98
26) Fluoranthene	19.15	202	20230	0.594	ng	99
28) Pyrene	19.51	202	22974	0.278	ng	99
30) Benzo(a)anthracene	21.26	228	28226	0.446	ng	97
31) Chrysene	21.31	228	37996	0.404	ng	98
32) Bis(2-ethylhexyl)phthalate	21.20	149	114371	1.084	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.24	276	25521	0.343	ng	# 93
35) Benzo(b)fluoranthene	22.95	252	31760	0.387	ng	# 97
36) Benzo(k)fluoranthene	22.95	252	31760	0.267	ng	98
37) Benzo(a)pyrene	23.58	252	31994	0.403	ng	# 96
38) Dibenzo(a,h)anthracene	26.26	278	19569	0.268	ng	# 93
39) Benzo(g,h,i)perylene	27.02	276	22682	0.253	ng	97

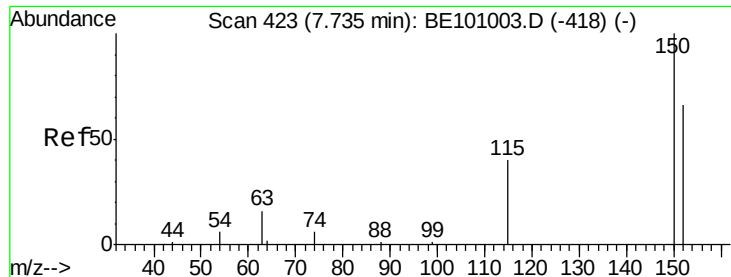
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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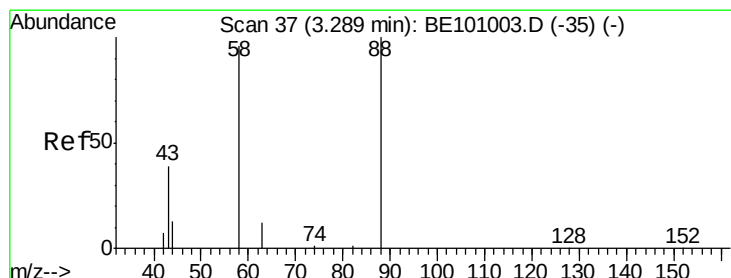
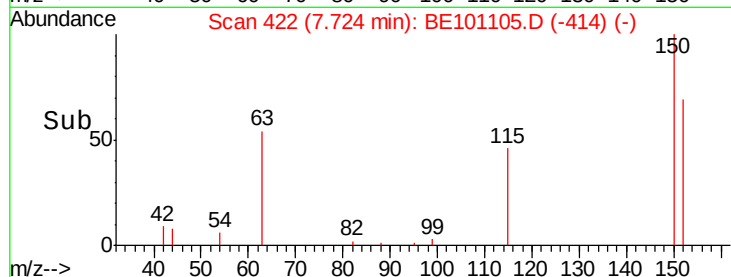
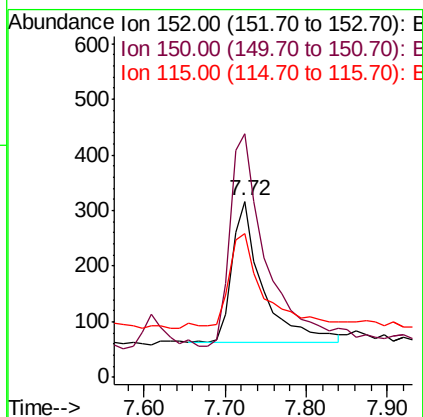
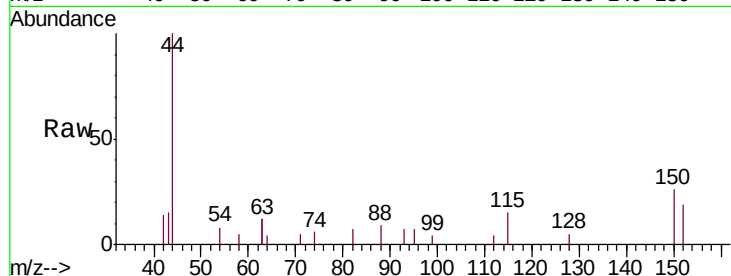


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
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Acq: 21 Jan 2020 10:22

Instrument :
BNA_E
ClientSampleId :
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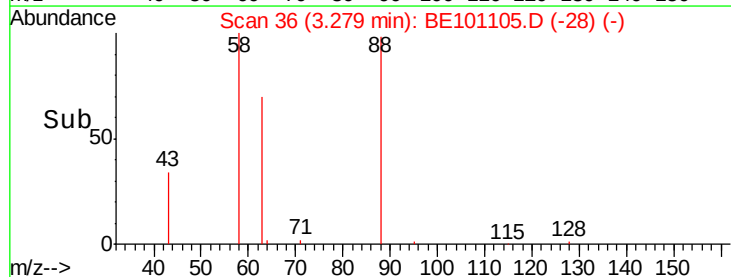
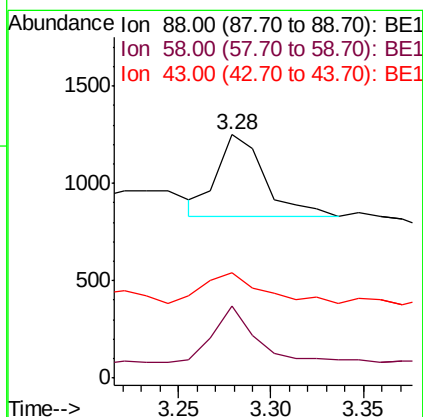
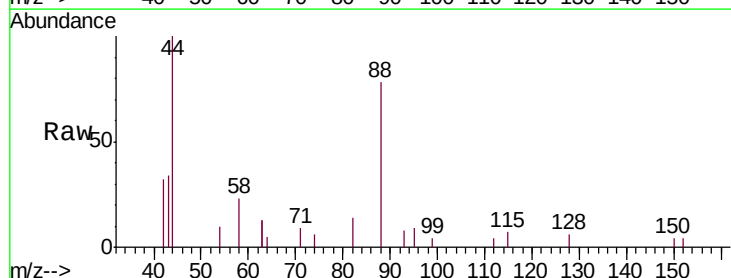
Tgt Ion: 152 Resp: 674
Ion Ratio Lower Upper
152 100
150 138.2 120.3 180.5
115 81.4 51.7 77.5#

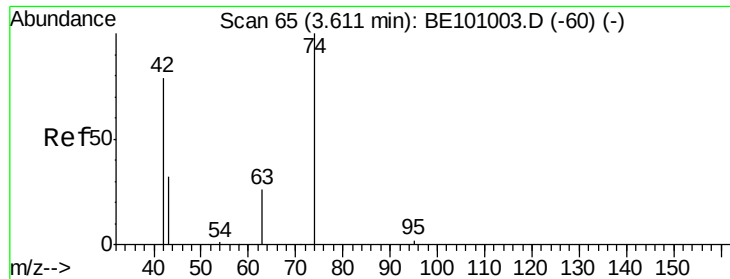


#2

1,4-Dioxane
Concen: 0.483 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE101105.D
Acq: 21 Jan 2020 10:22

Tgt Ion: 88 Resp: 744
Ion Ratio Lower Upper
88 100
58 60.6 53.0 79.4
43 46.8 23.4 35.2#





#3

n-Nitrosodimethylamine

Concen: 0.495 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE101105.D

Acq: 21 Jan 2020 10:22

Instrument :

BNA_E

ClientSampleId :

PB126198BS

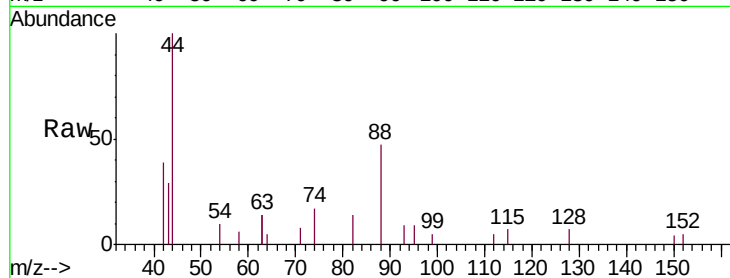
Tgt Ion: 42 Resp: 464

Ion Ratio Lower Upper

42 100

74 117.5 105.7 158.5

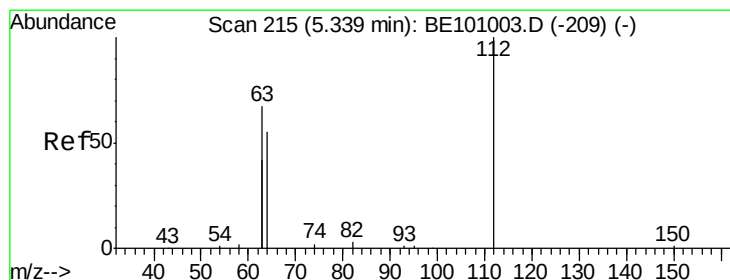
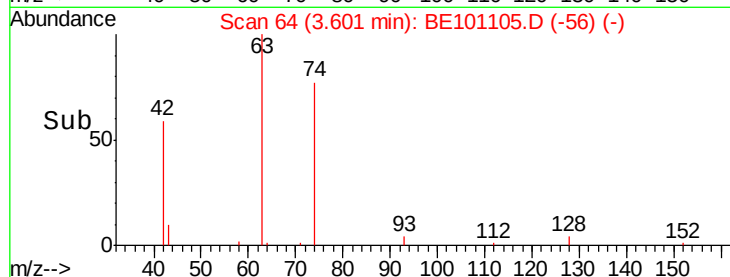
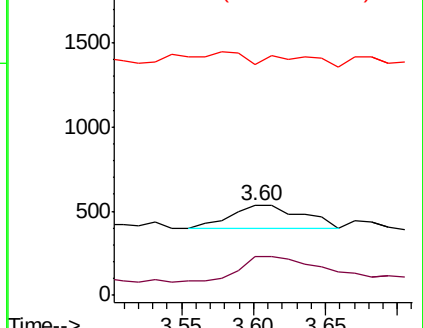
44 33.8 10.0 15.0#



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: 0.490 ng

RT: 5.33 min Scan# 214

Delta R.T. -0.01 min

Lab File: BE101105.D

Acq: 21 Jan 2020 10:22

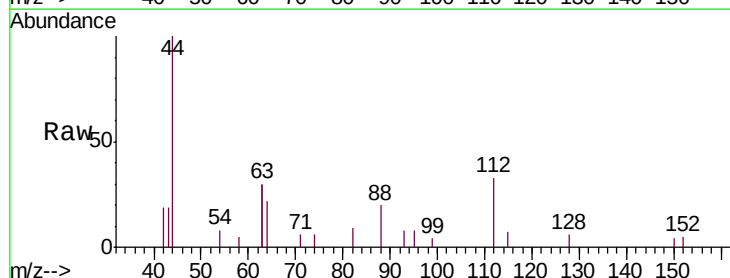
Tgt Ion: 112 Resp: 743

Ion Ratio Lower Upper

112 100

64 67.0 53.6 80.4

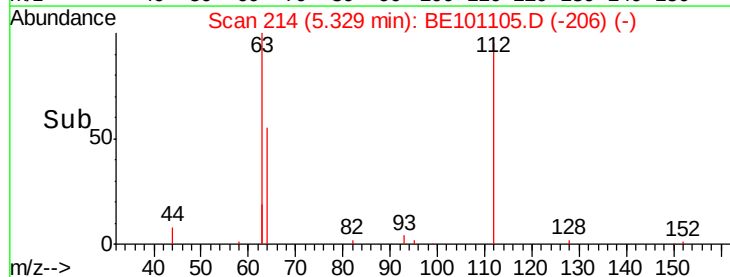
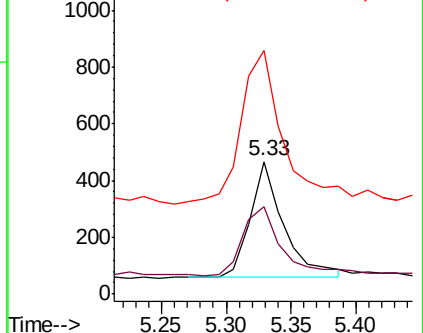
63 159.8 114.6 172.0

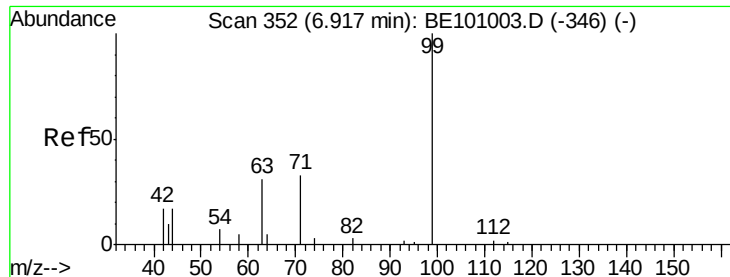


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.368 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101105.D

Acq: 21 Jan 2020 10:22

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PB126198BS

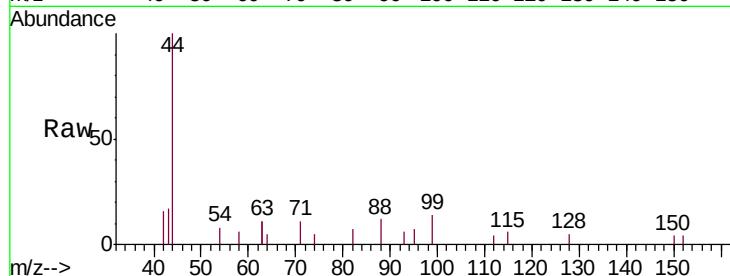
Tgt Ion: 99 Resp: 706

Ion Ratio Lower Upper

99 100

42 17.8 18.3 27.5#

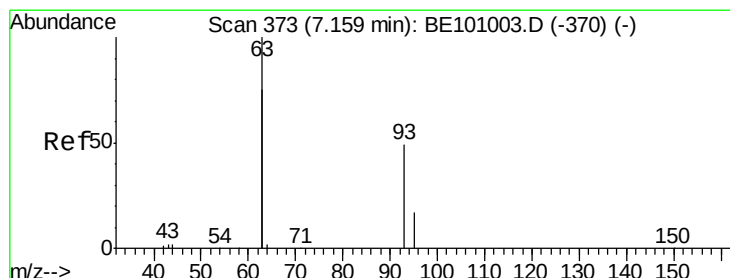
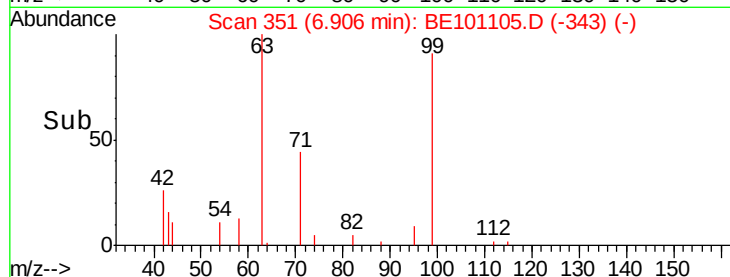
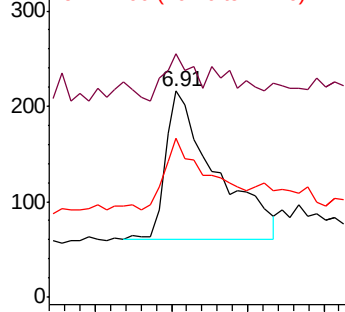
71 43.6 28.0 42.0#



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: 0.399 ng

RT: 7.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: BE101105.D

Acq: 21 Jan 2020 10:22

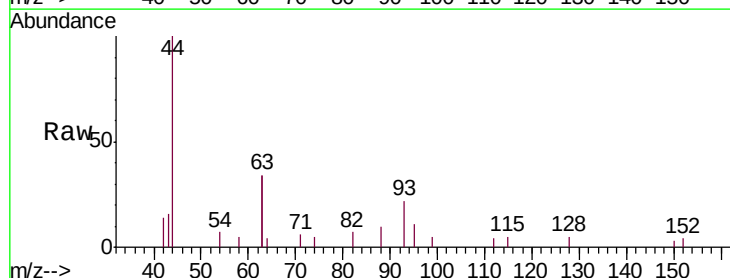
Tgt Ion: 93 Resp: 913

Ion Ratio Lower Upper

93 100

63 245.6 233.9 350.9

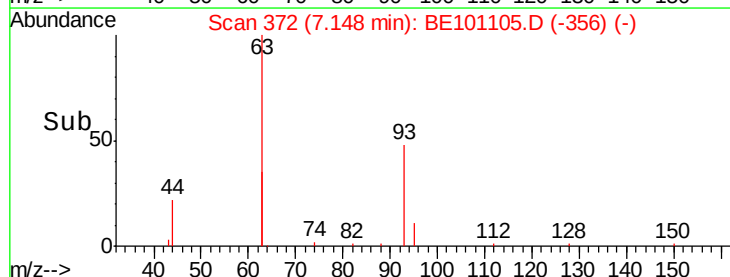
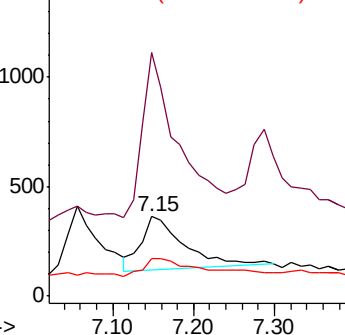
95 34.9 23.5 35.3

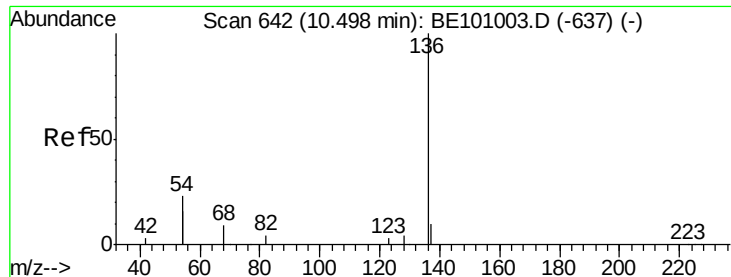


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.50 min Scan# 641

Delta R.T. -0.00 min

Lab File: BE101105.D

Acq: 21 Jan 2020 10:22

Instrument :

BNA_E

ClientSampleId :

PB126198BS

Tgt Ion: 136 Resp: 3350

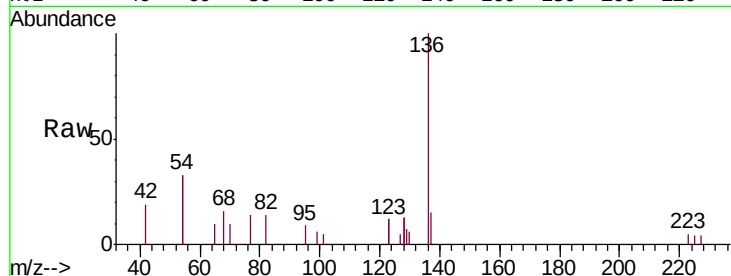
Ion Ratio Lower Upper

136 100

137 14.5 9.3 13.9#

54 66.6 36.8 55.2#

68 15.5 8.4 12.6#

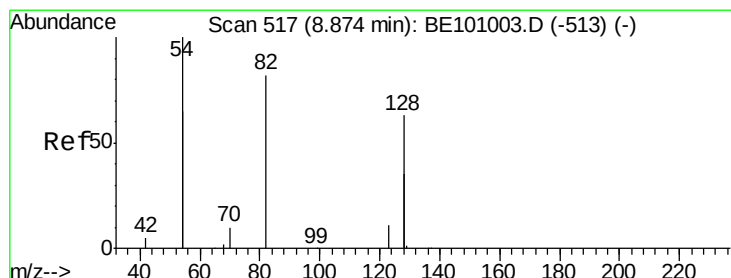
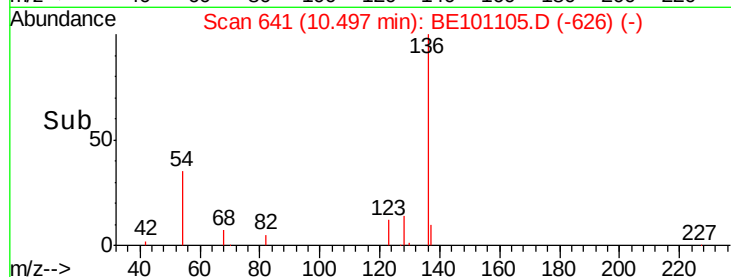
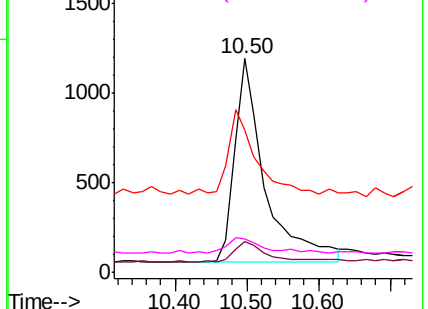


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.363 ng

RT: 8.87 min Scan# 516

Delta R.T. -0.00 min

Lab File: BE101105.D

Acq: 21 Jan 2020 10:22

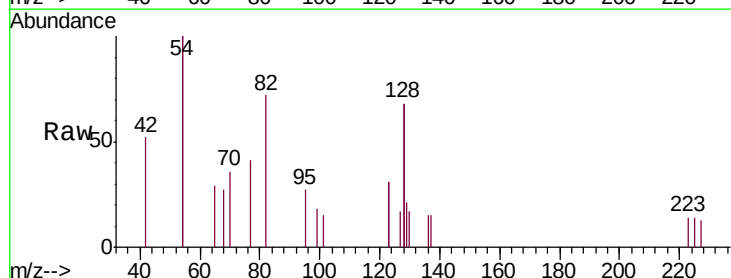
Tgt Ion: 82 Resp: 869

Ion Ratio Lower Upper

82 100

128 190.0 109.8 164.6#

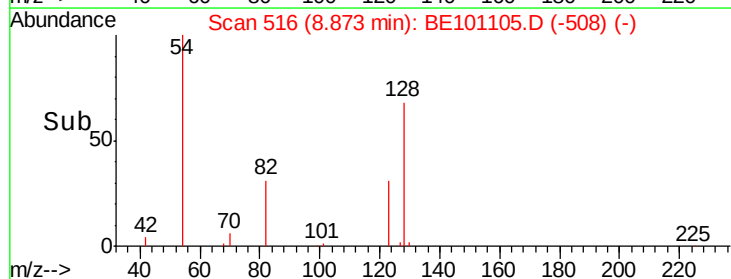
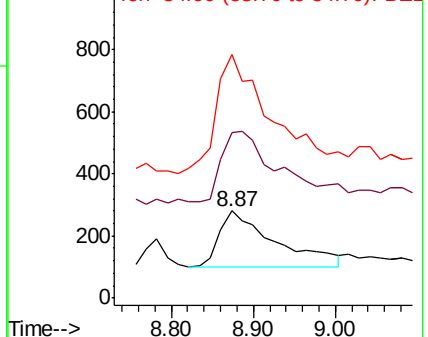
54 279.0 174.5 261.7#

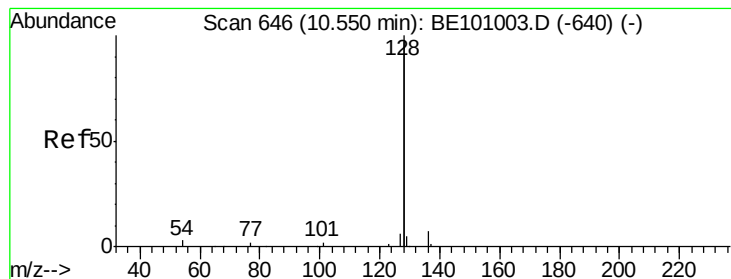


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.400 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE101105.D

Acq: 21 Jan 2020 10:22

Instrument :

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ClientSampleId :

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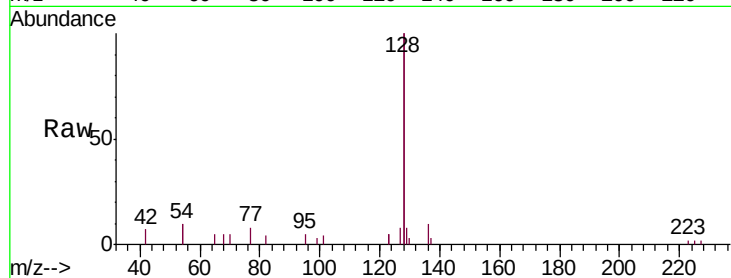
Tgt Ion:128 Resp: 14871

Ion Ratio Lower Upper

128 100

129 3.8 2.3 3.5#

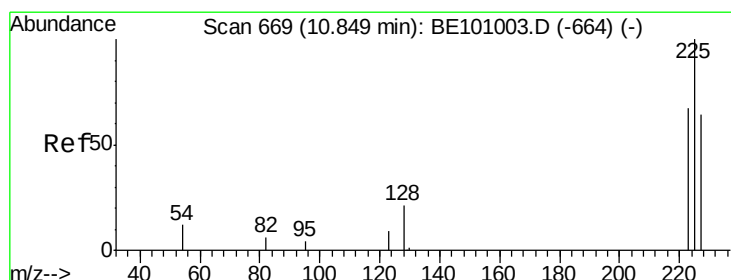
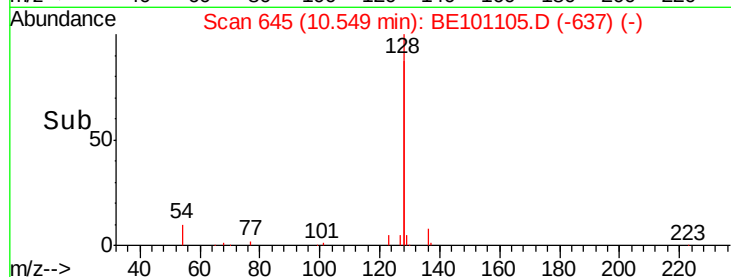
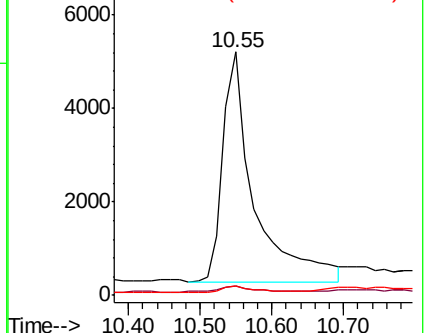
127 3.9 2.7 4.1



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: 0.438 ng

RT: 10.83 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE101105.D

Acq: 21 Jan 2020 10:22

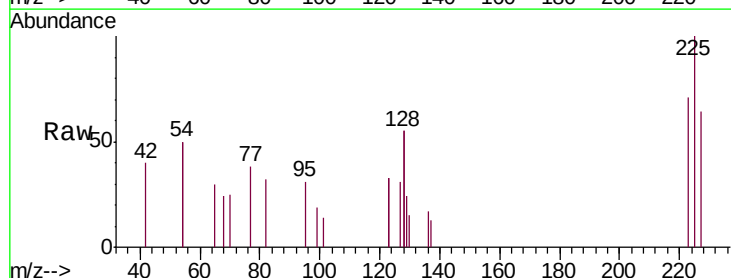
Tgt Ion:225 Resp: 690

Ion Ratio Lower Upper

225 100

223 65.5 52.2 78.4

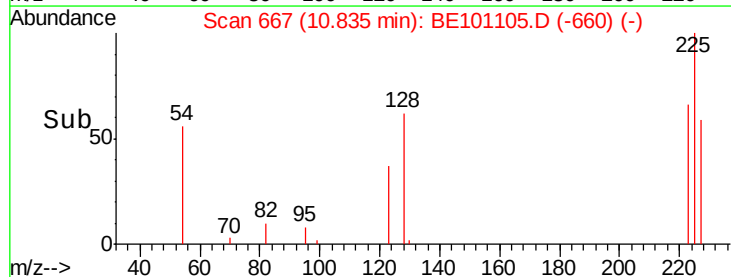
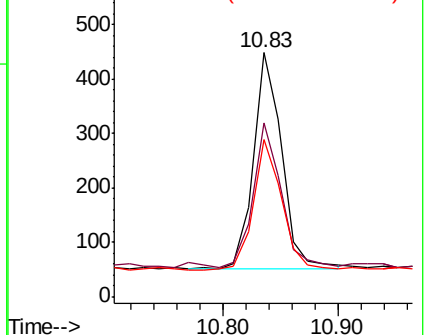
227 60.9 49.9 74.9

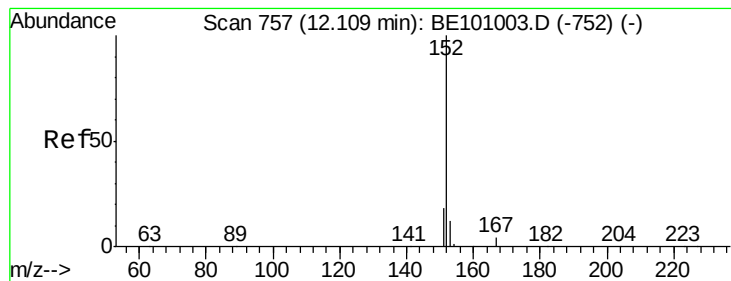


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

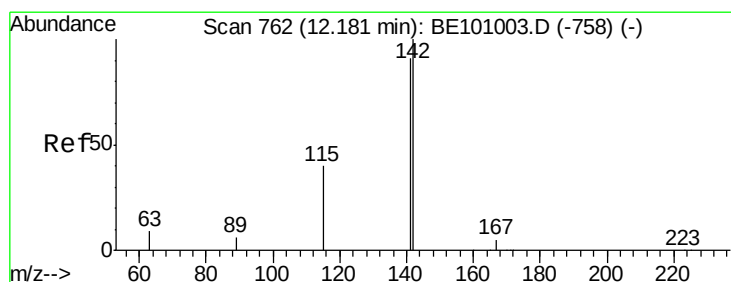
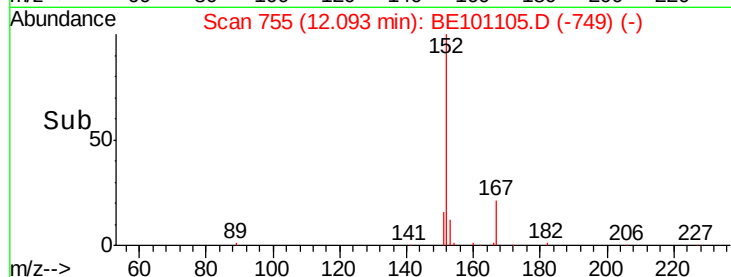
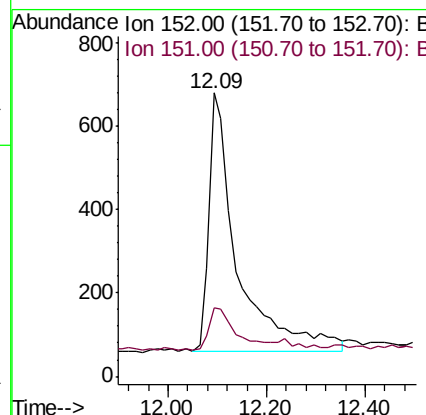
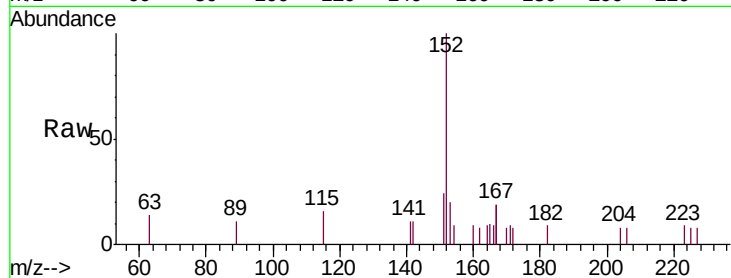




#11
 2-Methylnaphthalene-d10
 Concen: 0.393 ng
 RT: 12.09 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BE101105.D
 Acq: 21 Jan 2020 10:22

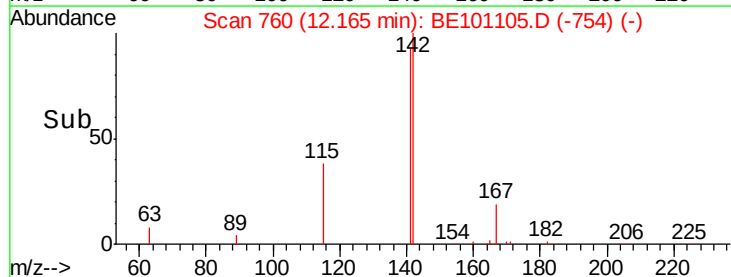
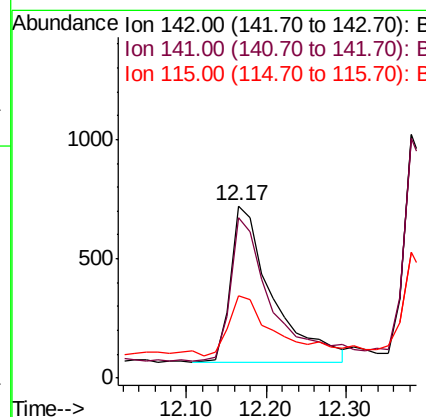
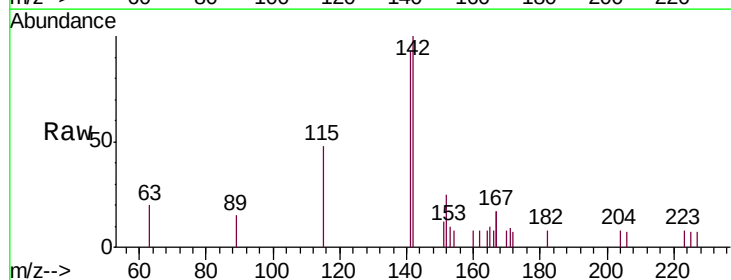
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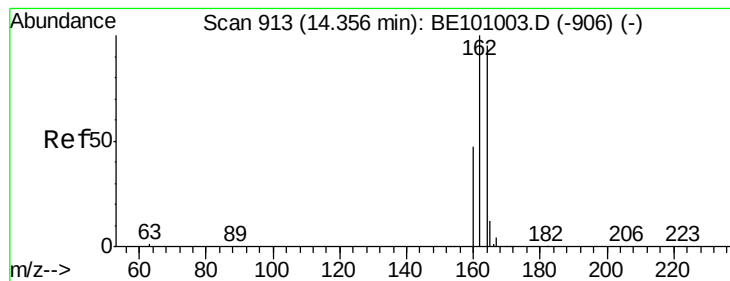
Tgt Ion:152 Resp: 2511
 Ion Ratio Lower Upper
 152 100
 151 15.3 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.420 ng
 RT: 12.17 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BE101105.D
 Acq: 21 Jan 2020 10:22

Tgt Ion:142 Resp: 2364
 Ion Ratio Lower Upper
 142 100
 141 93.2 72.5 108.7
 115 48.0 33.0 49.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.36 min Scan# 912

Delta R.T. -0.00 min

Lab File: BE101105.D

Acq: 21 Jan 2020 10:22

Instrument :

BNA_E

ClientSampleId :

PB126198BS

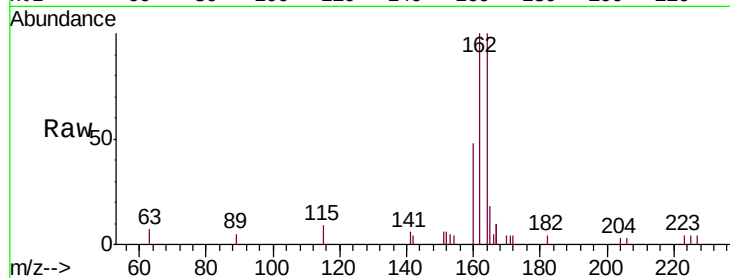
Tgt Ion:164 Resp: 2953

Ion Ratio Lower Upper

164 100

162 99.6 84.1 126.1

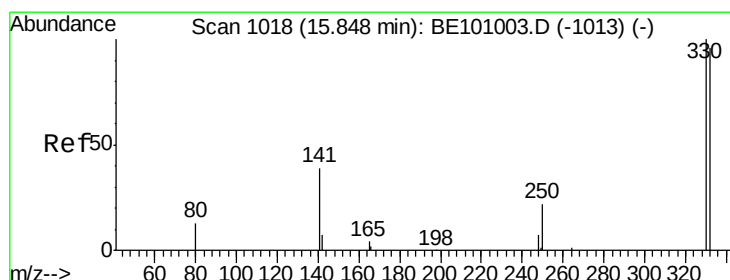
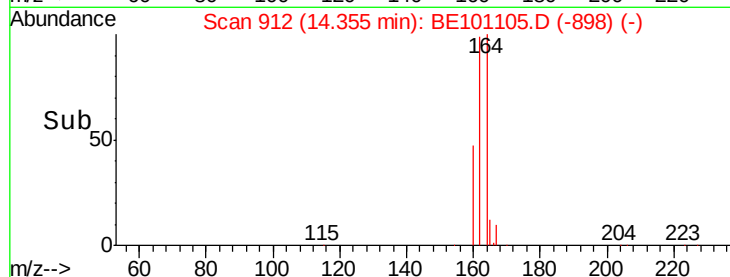
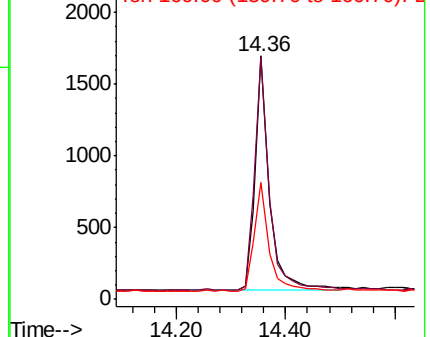
160 48.2 40.4 60.6



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: 0.552 ng

RT: 15.84 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BE101105.D

Acq: 21 Jan 2020 10:22

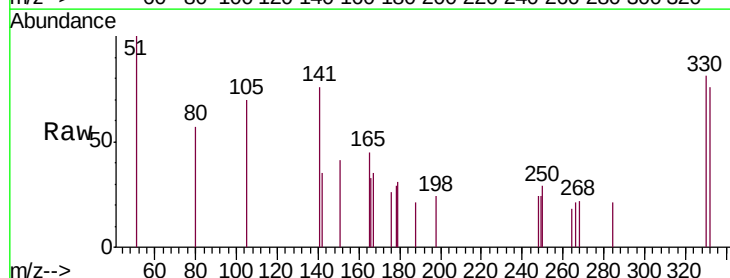
Tgt Ion:330 Resp: 460

Ion Ratio Lower Upper

330 100

332 103.5 78.4 117.6

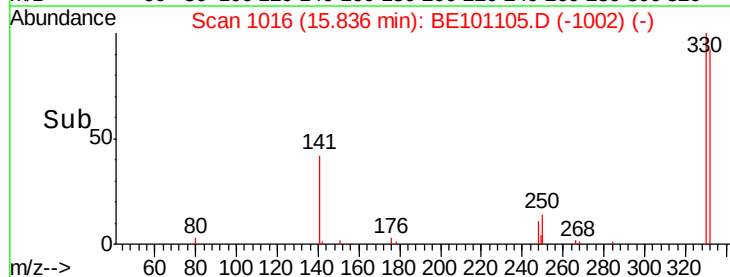
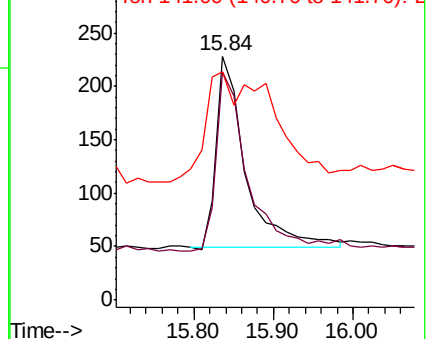
141 56.3 37.0 55.4#

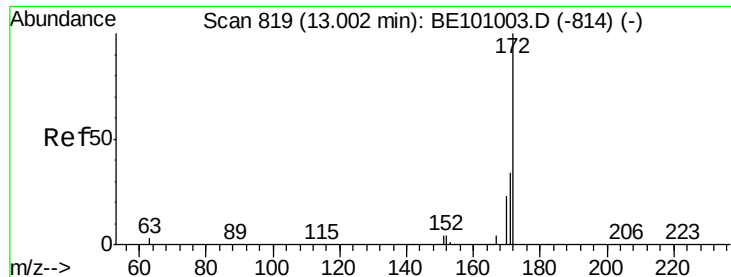


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

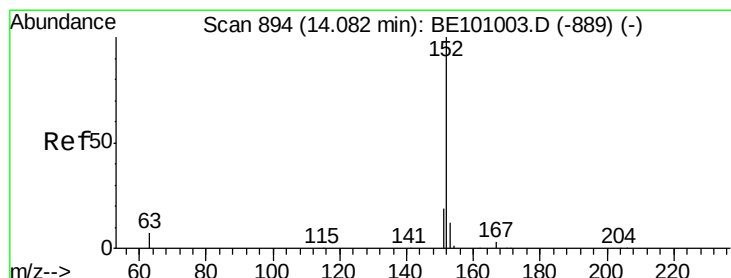
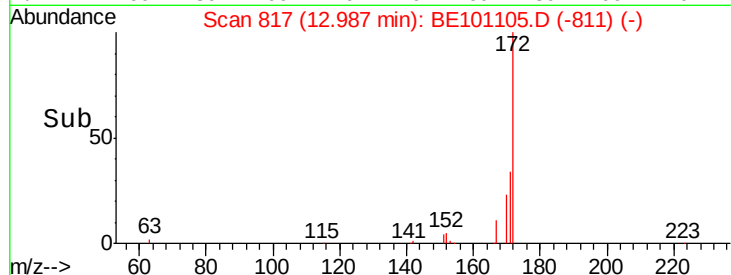
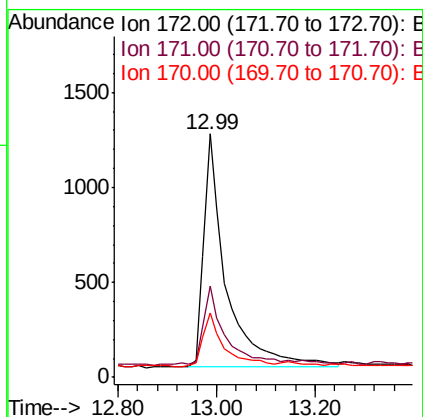
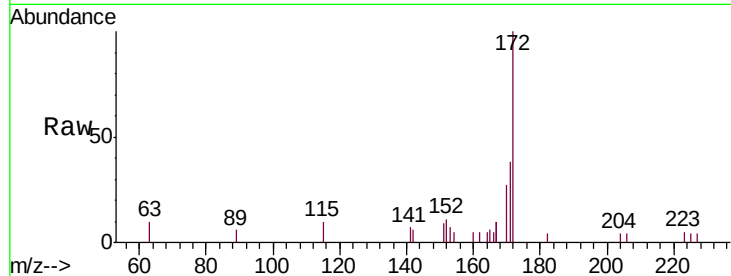




#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.02 min
Lab File: BE101105.D
Acq: 21 Jan 2020 10:22

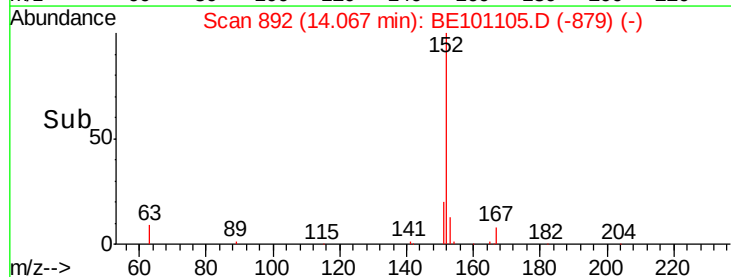
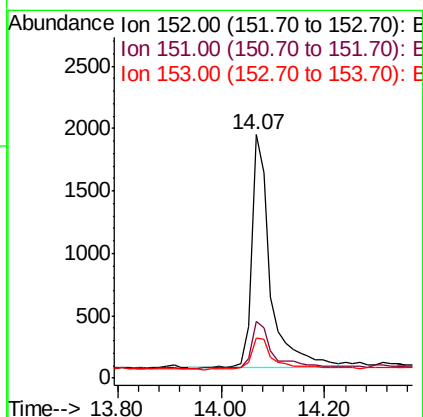
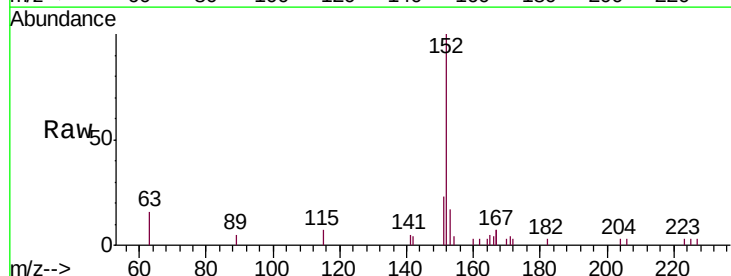
Instrument :
BNA_E
ClientSampleId :
PB126198BS

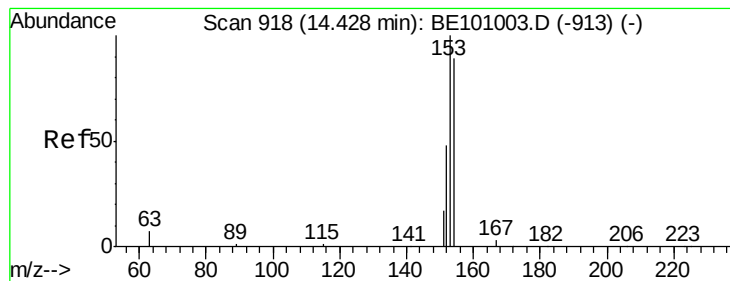
Tgt Ion:172 Resp: 3861
Ion Ratio Lower Upper
172 100
171 37.8 28.2 42.2
170 26.5 18.9 28.3



#16
Acenaphthylene
Concen: 0.393 ng
RT: 14.07 min Scan# 892
Delta R.T. -0.02 min
Lab File: BE101105.D
Acq: 21 Jan 2020 10:22

Tgt Ion:152 Resp: 4722
Ion Ratio Lower Upper
152 100
151 23.0 15.5 23.3
153 17.5 10.4 15.6#





#17

Acenaphthene

Concen: 0.379 ng

RT: 14.41 min Scan# 916

Delta R.T. -0.02 min

Lab File: BE101105.D

Acq: 21 Jan 2020 10:22

Instrument :

BNA_E

ClientSampleId :

PB126198BS

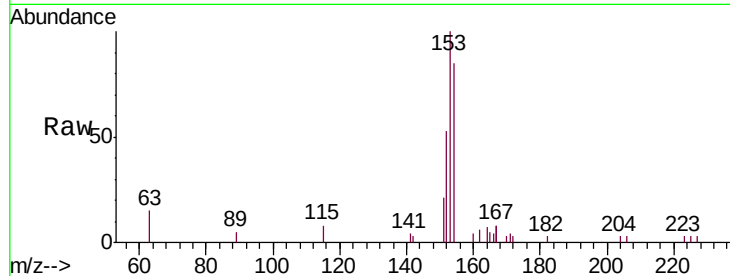
Tgt Ion:154 Resp: 3262

Ion Ratio Lower Upper

154 100

153 112.4 93.6 140.4

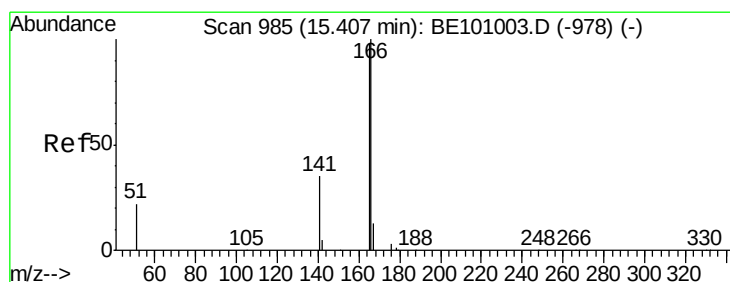
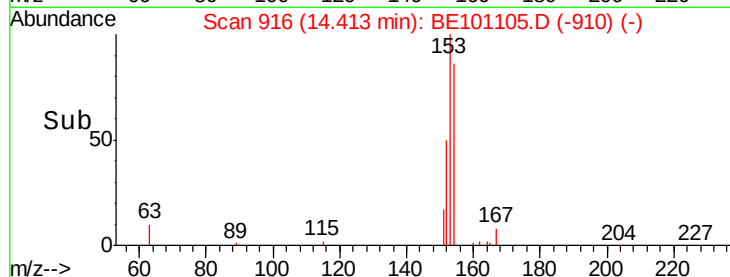
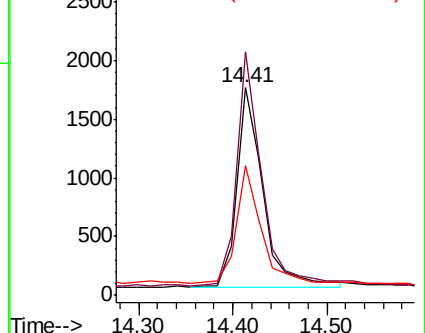
152 55.3 46.3 69.5



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: 0.432 ng

RT: 15.39 min Scan# 983

Delta R.T. -0.01 min

Lab File: BE101105.D

Acq: 21 Jan 2020 10:22

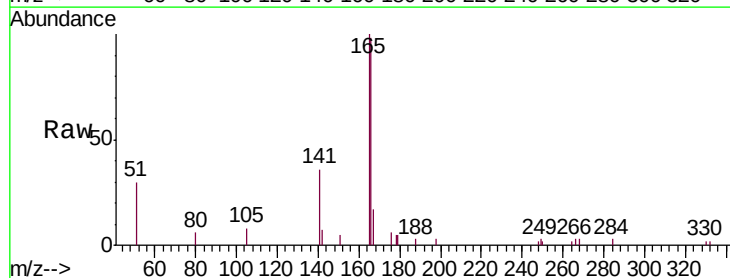
Tgt Ion:166 Resp: 4704

Ion Ratio Lower Upper

166 100

165 99.4 79.8 119.8

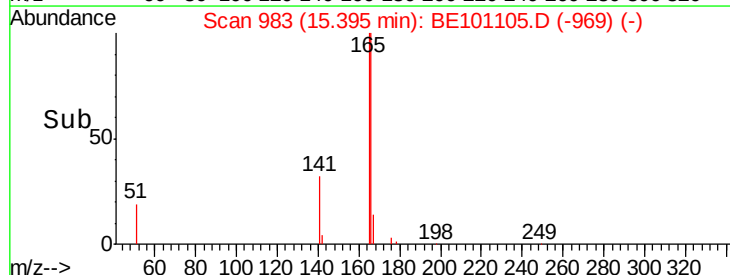
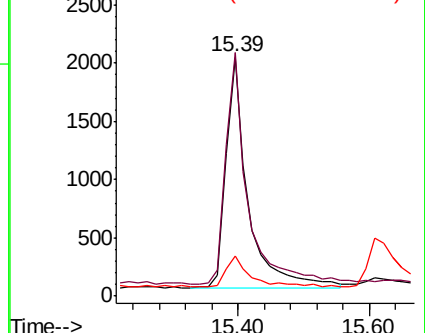
167 13.8 11.0 16.6

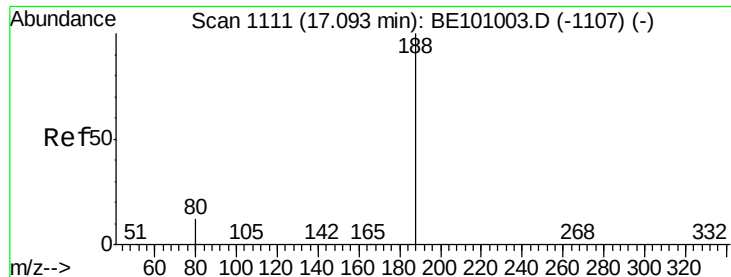


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE101105.D

Acq: 21 Jan 2020 10:22

Instrument :

BNA_E

ClientSampleId :

PB126198BS

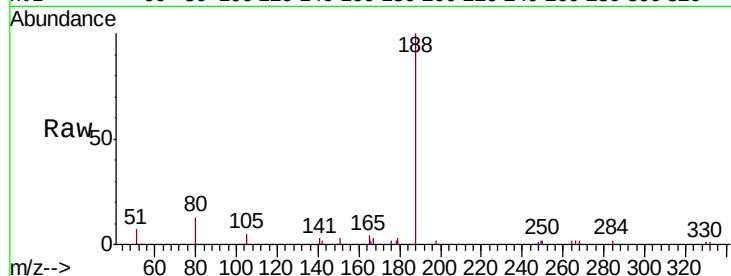
Tgt Ion:188 Resp: 9963

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

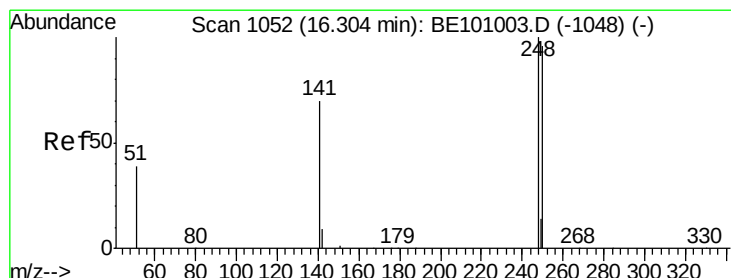
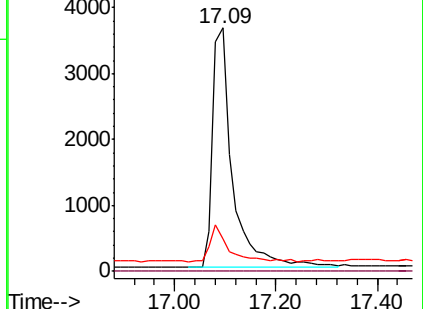
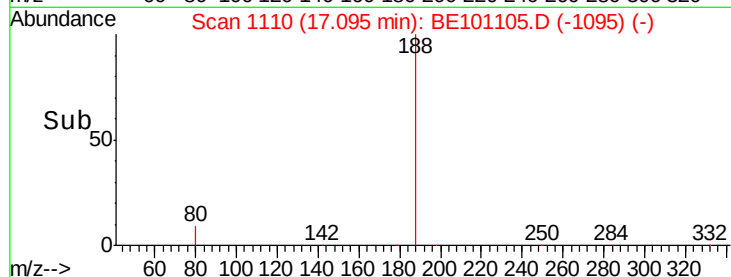
80 13.2 10.8 16.2



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: 0.363 ng

RT: 16.29 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BE101105.D

Acq: 21 Jan 2020 10:22

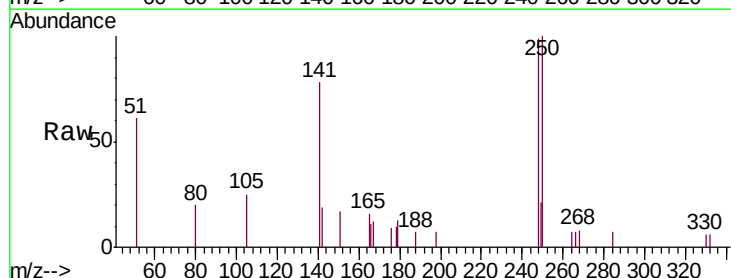
Tgt Ion:248 Resp: 1765

Ion Ratio Lower Upper

248 100

250 100.9 76.6 115.0

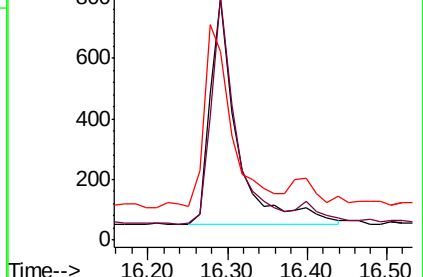
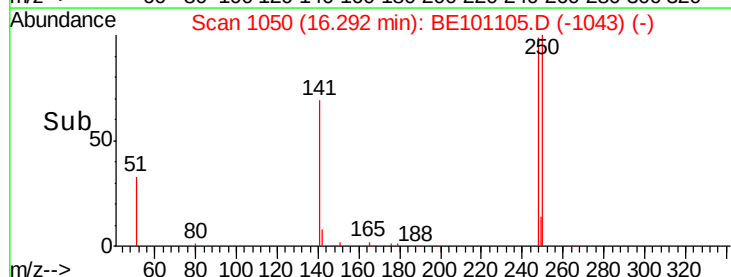
141 78.3 57.7 86.5

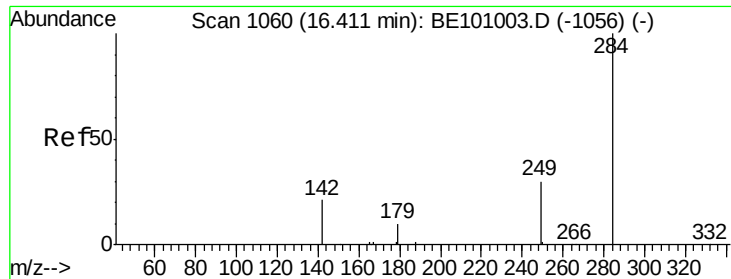


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

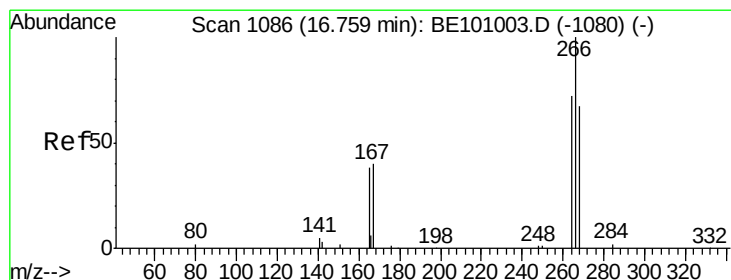
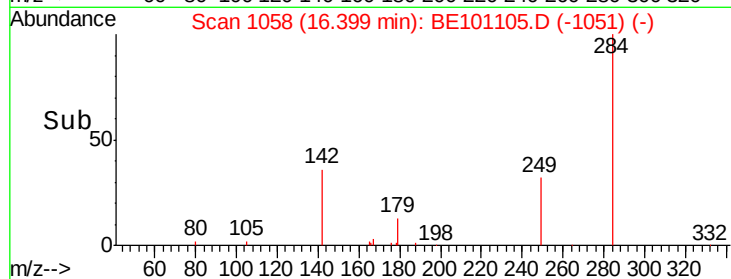
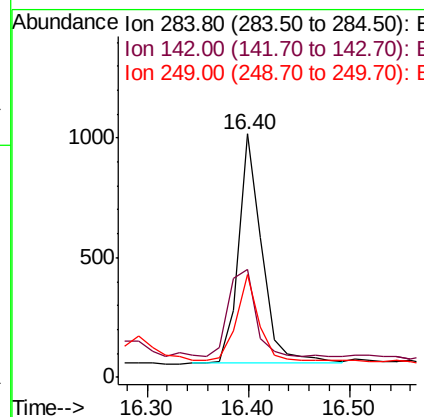
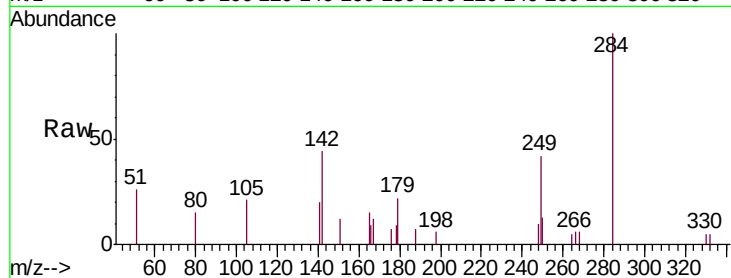




#21
Hexachlorobenzene
Concen: 0.291 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE101105.D
Acq: 21 Jan 2020 10:22

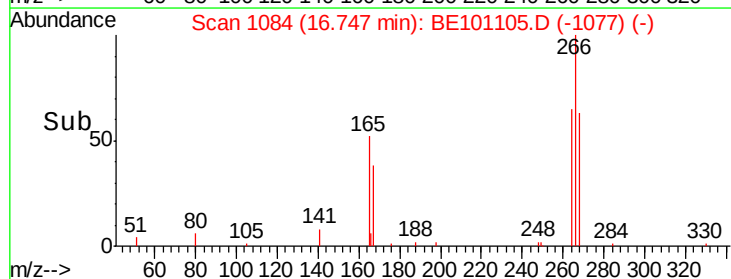
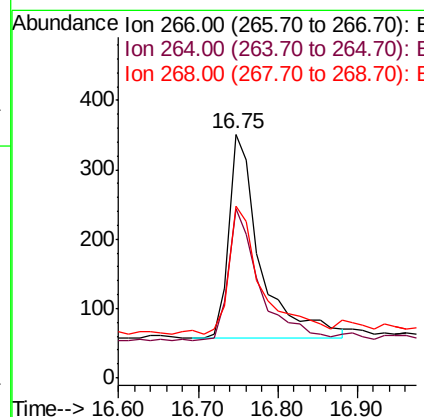
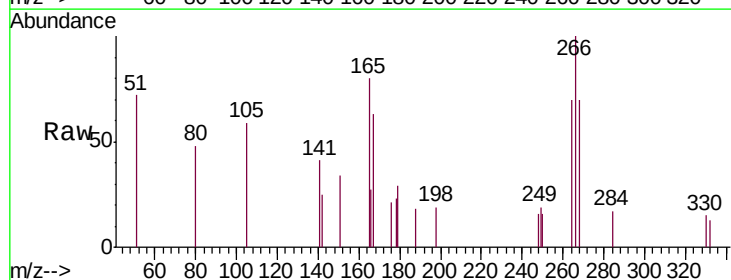
Instrument :
BNA_E
ClientSampleId :
PB126198BS

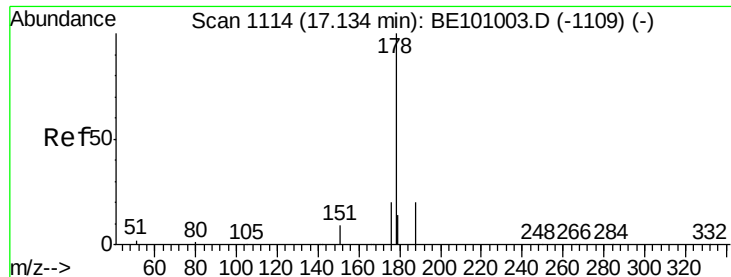
Tgt Ion: 284 Resp: 1549
Ion Ratio Lower Upper
284 100
142 43.6 34.0 51.0
249 35.4 28.2 42.4



#22
Pentachlorophenol
Concen: 0.686 ng
RT: 16.75 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BE101105.D
Acq: 21 Jan 2020 10:22

Tgt Ion: 266 Resp: 813
Ion Ratio Lower Upper
266 100
264 69.5 61.0 91.4
268 70.4 58.5 87.7





#23

Phenanthrene

Concen: 0.362 ng

RT: 17.13 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE101105.D

Acq: 21 Jan 2020 10:22

Instrument :

BNA_E

ClientSampleId :

PB126198BS

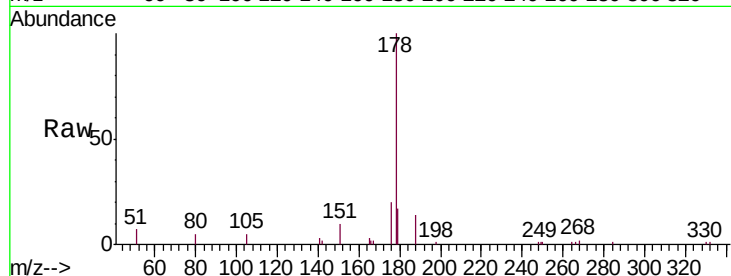
Tgt Ion:178 Resp: 9848

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

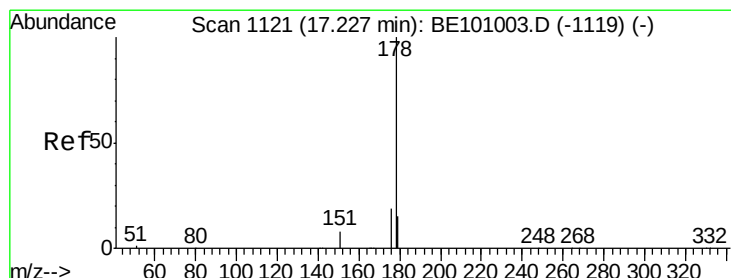
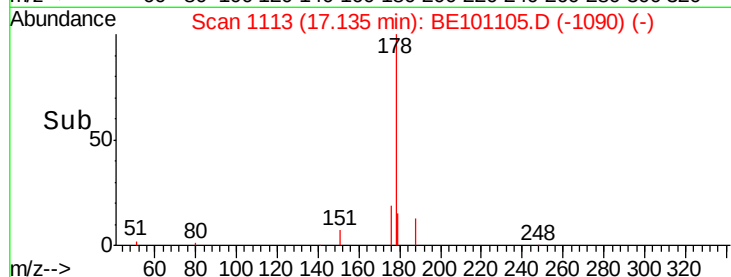
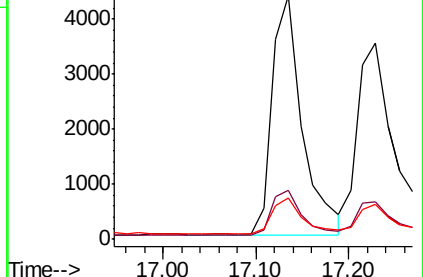
179 15.1 12.0 18.0



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: 0.418 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE101105.D

Acq: 21 Jan 2020 10:22

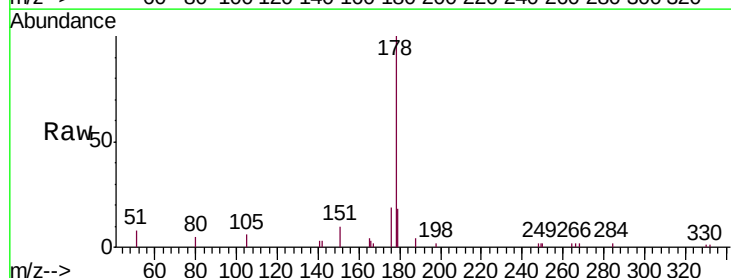
Tgt Ion:178 Resp: 10734

Ion Ratio Lower Upper

178 100

176 17.7 14.8 22.2

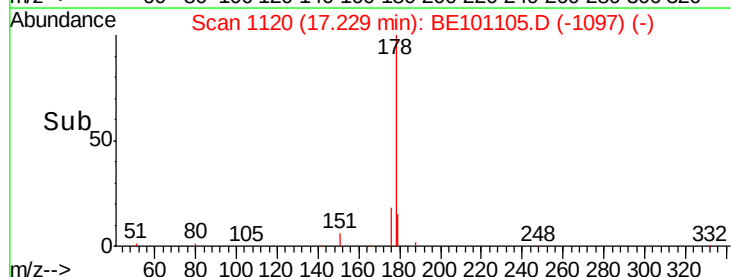
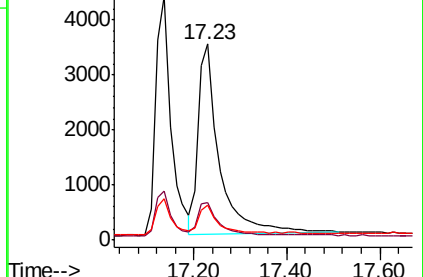
179 14.7 12.4 18.6

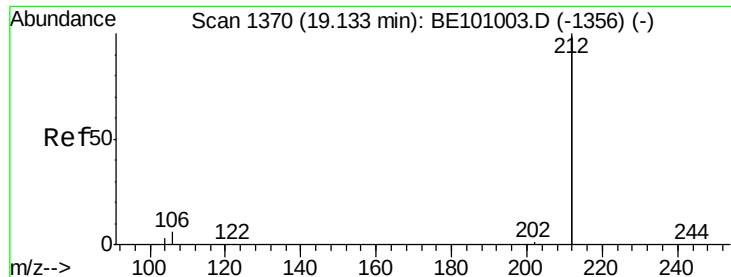


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.508 ng

RT: 19.12 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BE101105.D

Acq: 21 Jan 2020 10:22

Instrument :

BNA_E

ClientSampleId :

PB126198BS

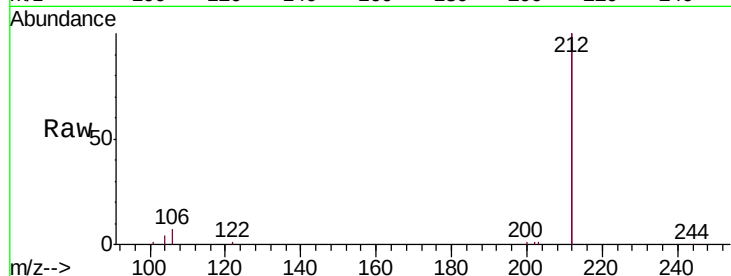
Tgt Ion:212 Resp: 70224

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

104 1.9 1.4 2.0

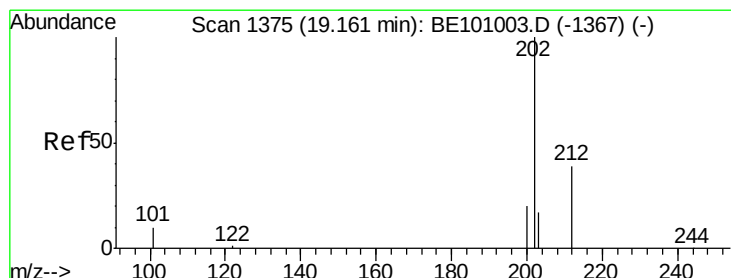
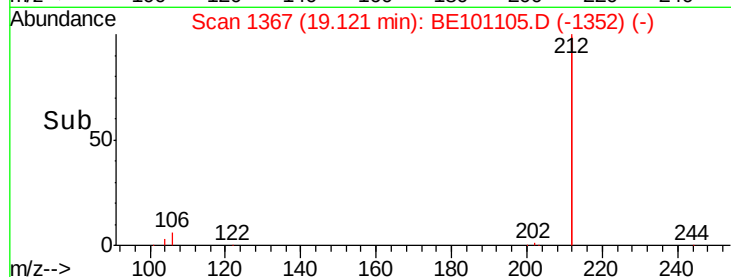
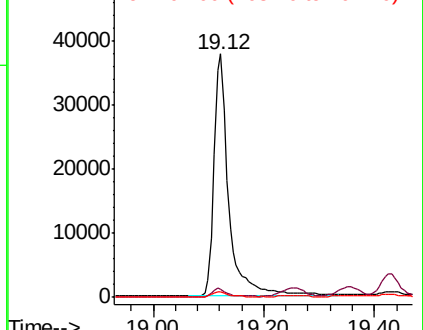


Abundance

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: 0.594 ng

RT: 19.15 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BE101105.D

Acq: 21 Jan 2020 10:22

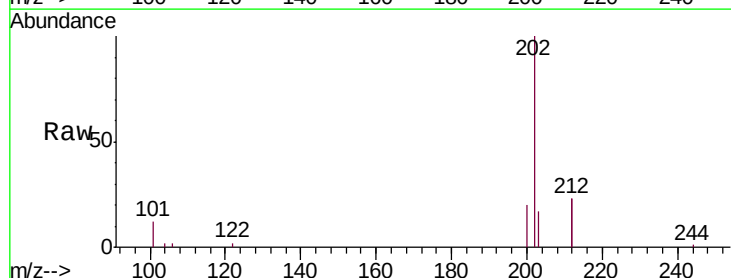
Tgt Ion:202 Resp: 20230

Ion Ratio Lower Upper

202 100

101 11.8 9.6 14.4

203 16.8 13.8 20.6

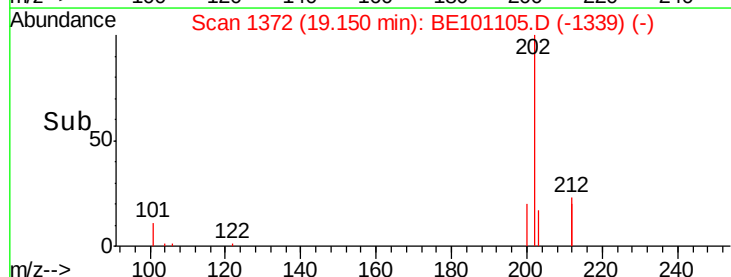
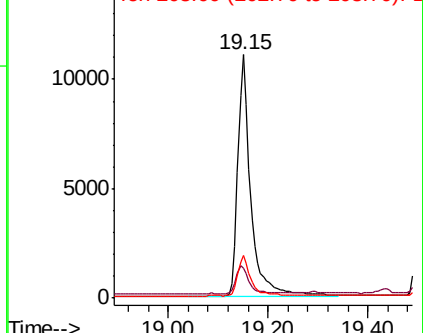


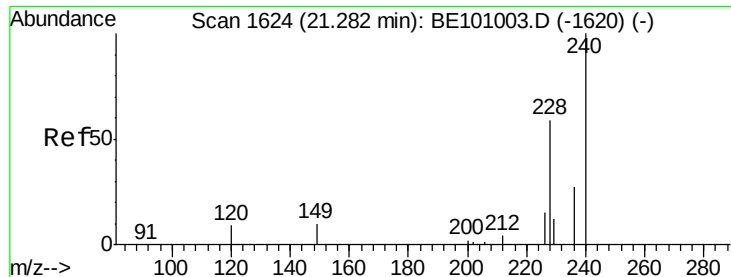
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

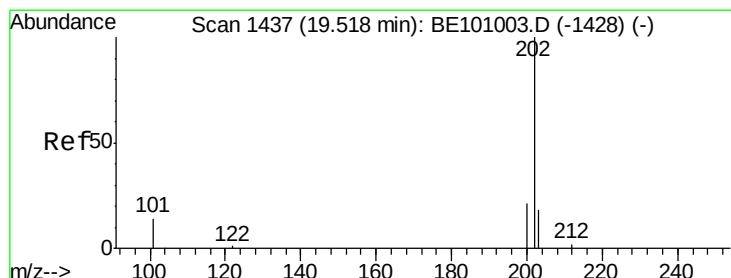
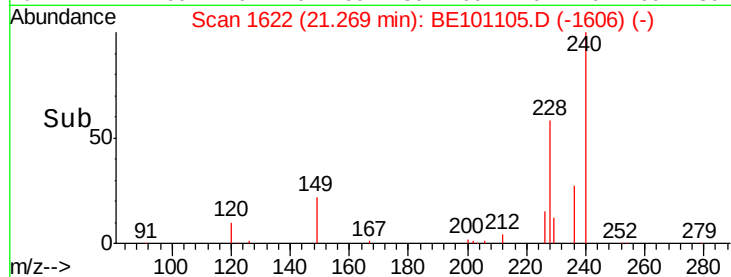
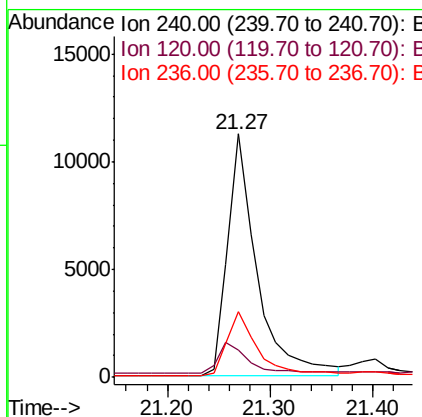
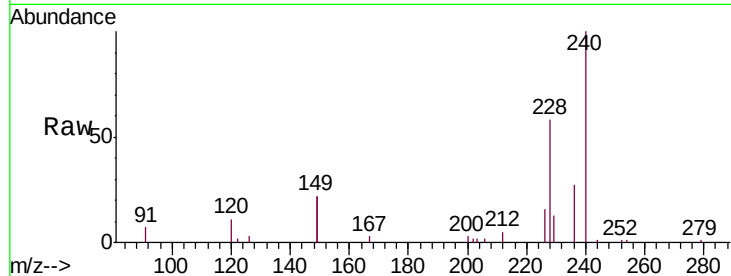




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.27 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BE101105.D
 Acq: 21 Jan 2020 10:22

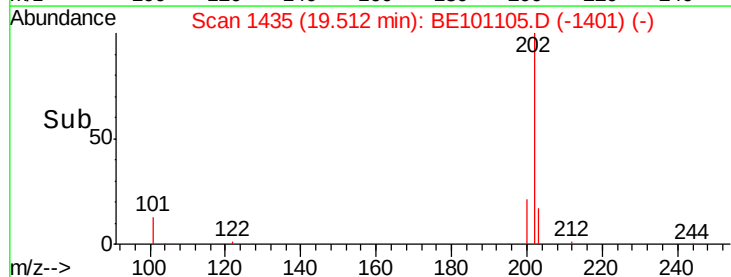
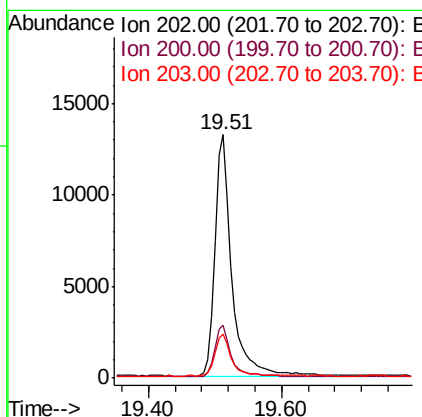
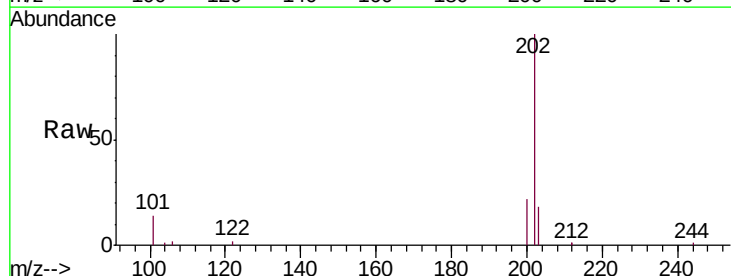
Instrument :
 BNA_E
 ClientSampleId :
 PB126198BS

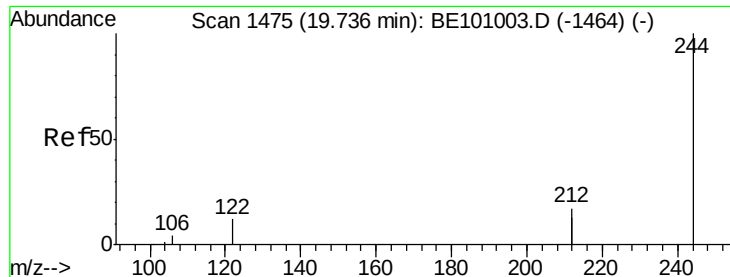
Tgt Ion:240 Resp: 22187
 Ion Ratio Lower Upper
 240 100
 120 11.2 8.6 13.0
 236 27.2 22.2 33.4



#28
 Pyrene
 Concen: 0.278 ng
 RT: 19.51 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BE101105.D
 Acq: 21 Jan 2020 10:22

Tgt Ion:202 Resp: 22974
 Ion Ratio Lower Upper
 202 100
 200 20.5 17.0 25.4
 203 16.9 13.8 20.6





#29

Terphenyl-d14

Concen: 0.331 ng

RT: 19.72 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BE101105.D

Acq: 21 Jan 2020 10:22

Instrument :

BNA_E

ClientSampleId :

PB126198BS

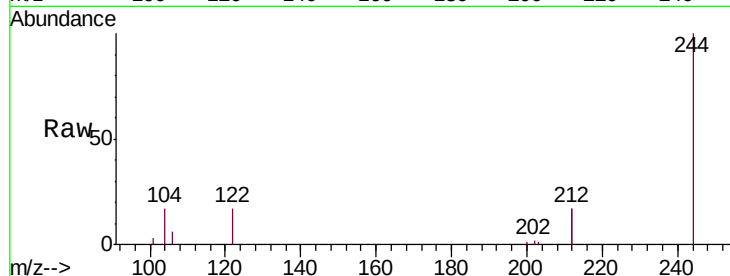
Tgt Ion:244 Resp: 18023

Ion Ratio Lower Upper

244 100

212 34.5 27.2 40.8

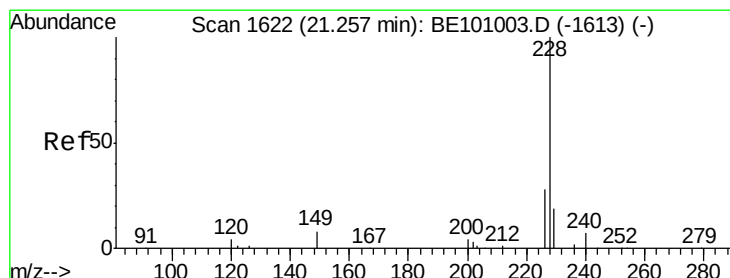
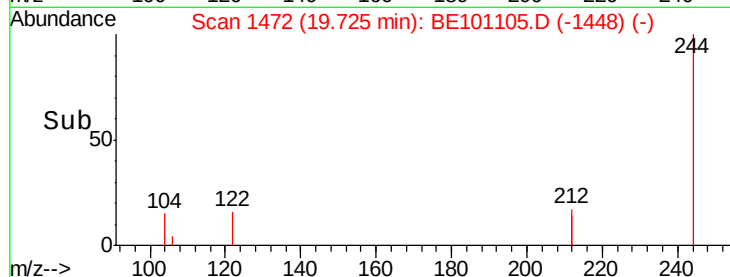
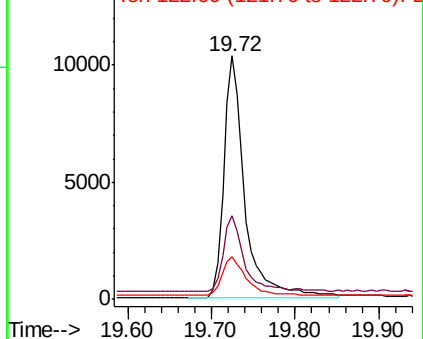
122 17.4 9.8 14.8#



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: 0.446 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BE101105.D

Acq: 21 Jan 2020 10:22

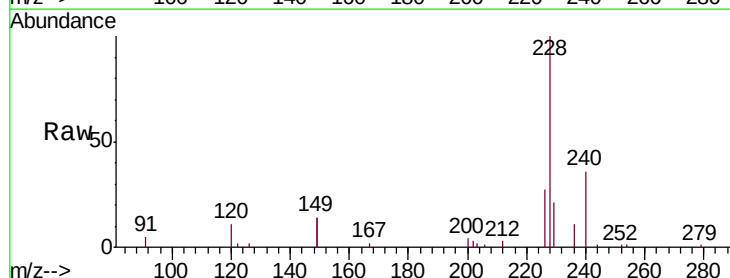
Tgt Ion:228 Resp: 28226

Ion Ratio Lower Upper

228 100

226 26.9 22.7 34.1

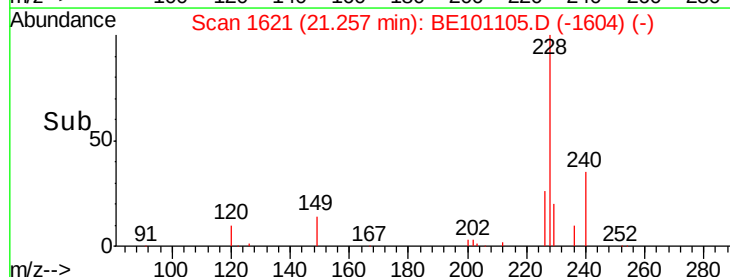
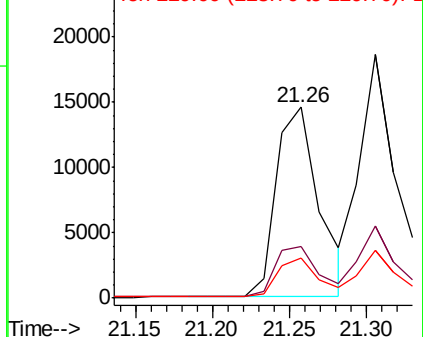
229 20.9 15.5 23.3

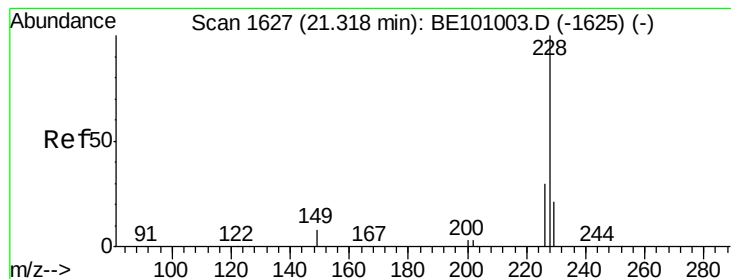


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.404 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE101105.D

Acq: 21 Jan 2020 10:22

Instrument :

BNA_E

ClientSampleId :

PB126198BS

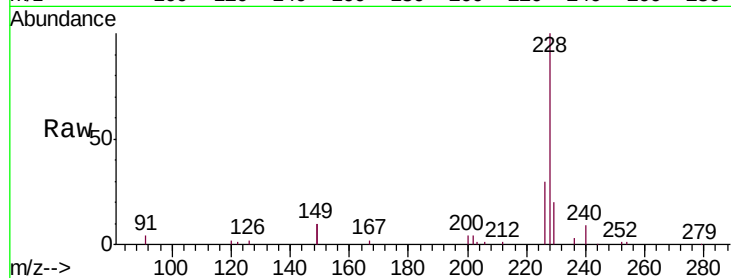
Tgt Ion:228 Resp: 37996

Ion Ratio Lower Upper

228 100

226 29.8 23.5 35.3

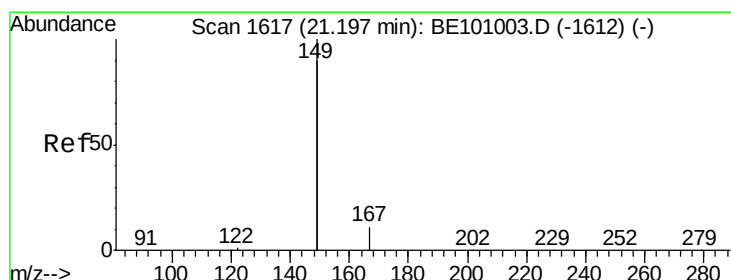
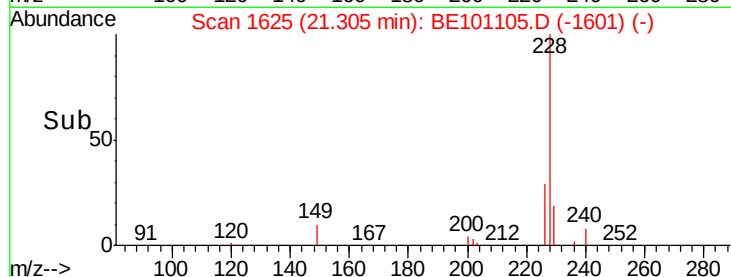
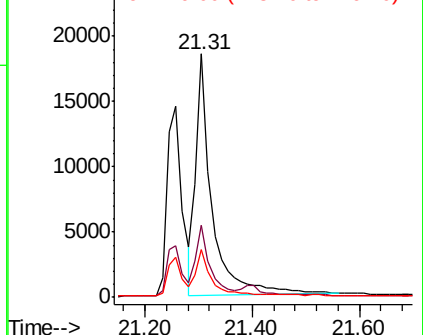
229 19.6 16.7 25.1



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: 1.084 ng

RT: 21.20 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BE101105.D

Acq: 21 Jan 2020 10:22

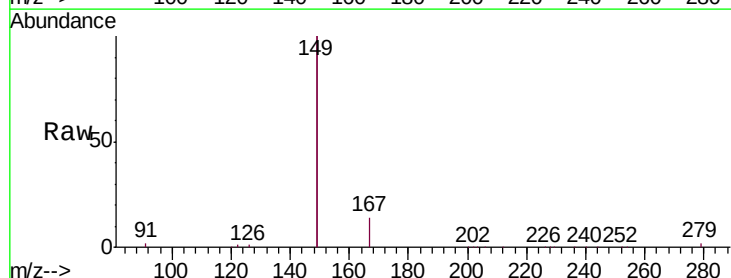
Tgt Ion:149 Resp: 114371

Ion Ratio Lower Upper

149 100

167 6.5 5.2 7.8

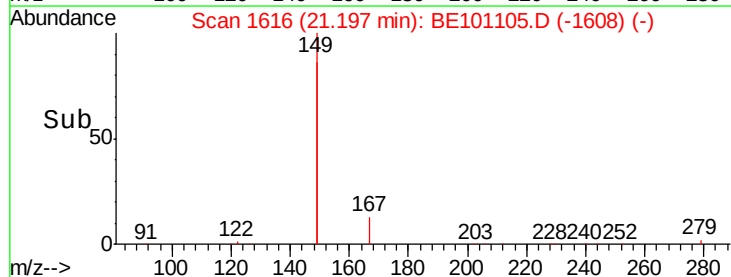
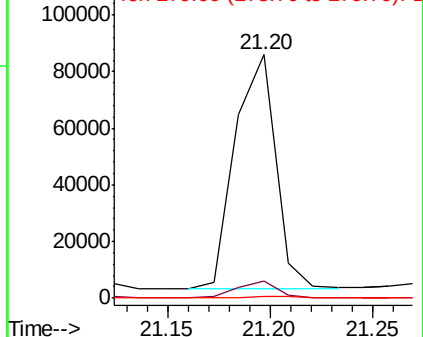
279 0.8 0.8 1.2#

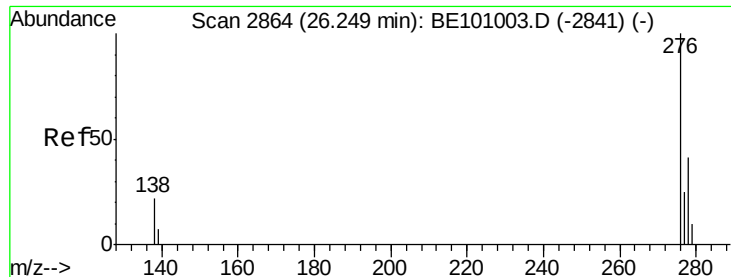


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.343 ng

RT: 26.24 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BE101105.D

Acq: 21 Jan 2020 10:22

Instrument :

BNA_E

ClientSampleId :

PB126198BS

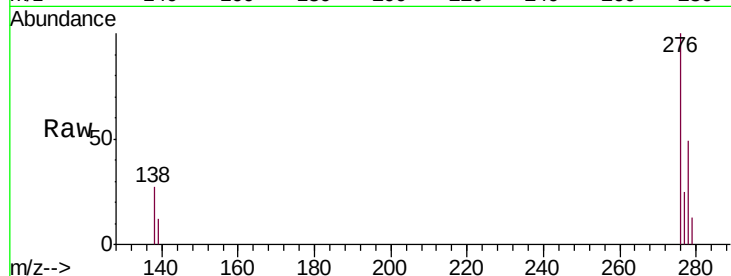
Tgt Ion:276 Resp: 25521

Ion Ratio Lower Upper

276 100

138 26.1 16.1 24.1#

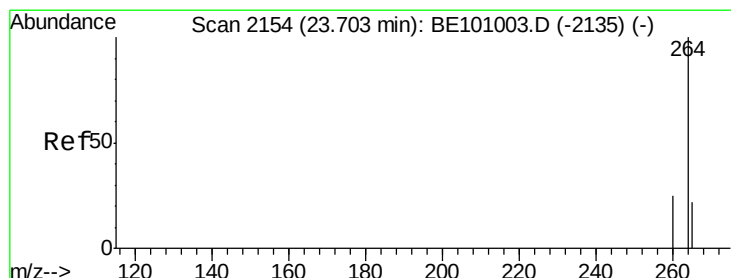
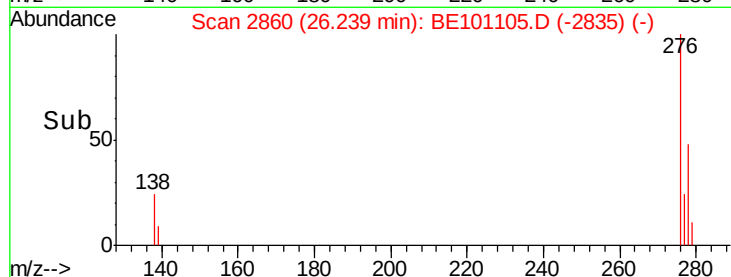
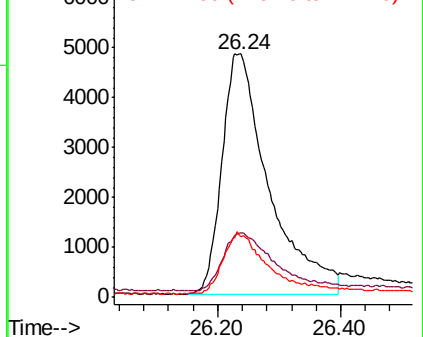
277 23.5 18.1 27.1



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: 23.69 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BE101105.D

Acq: 21 Jan 2020 10:22

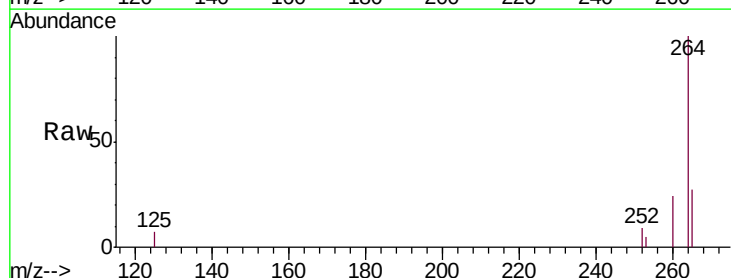
Tgt Ion:264 Resp: 29239

Ion Ratio Lower Upper

264 100

260 24.0 20.3 30.5

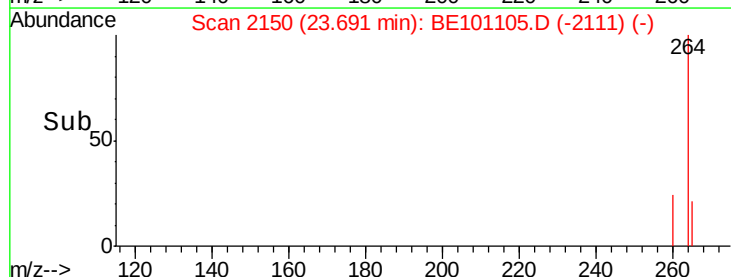
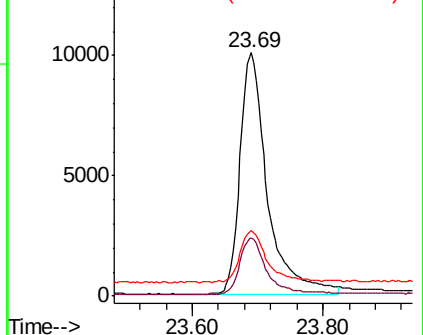
265 26.9 27.0 40.4#

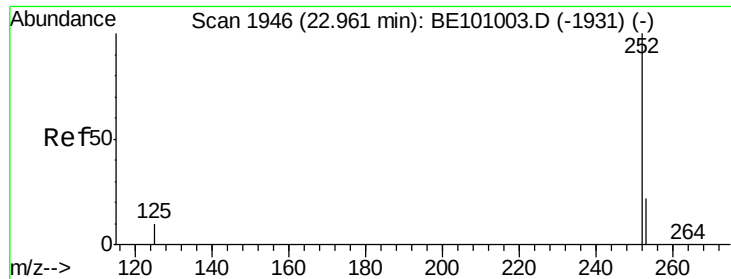


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

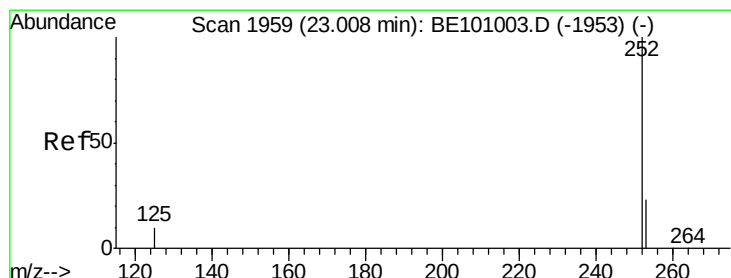
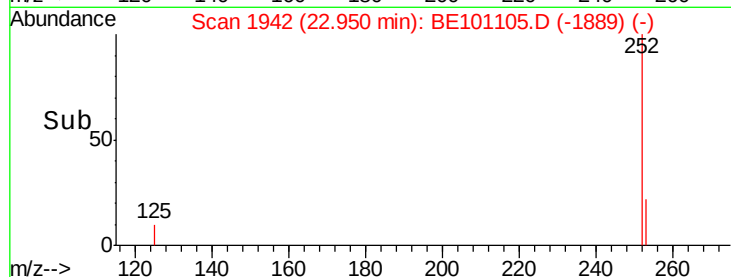
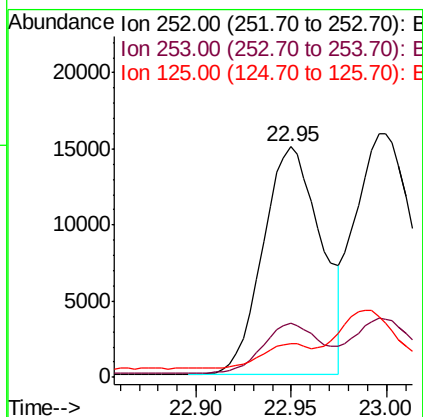
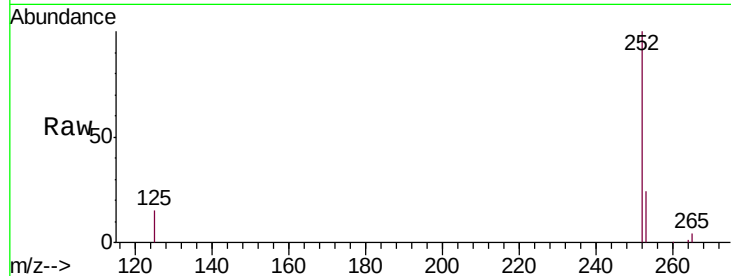




#35
Benzo(b)fluoranthene
Concen: 0.387 ng
RT: 22.95 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BE101105.D
Acq: 21 Jan 2020 10:22

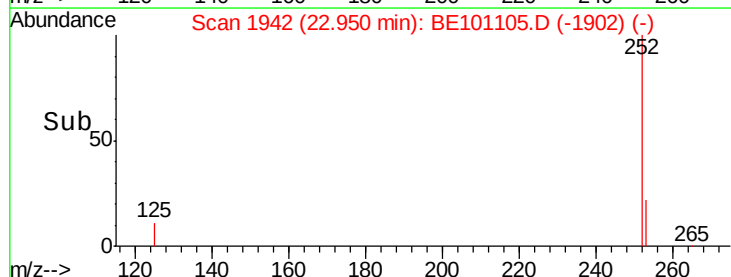
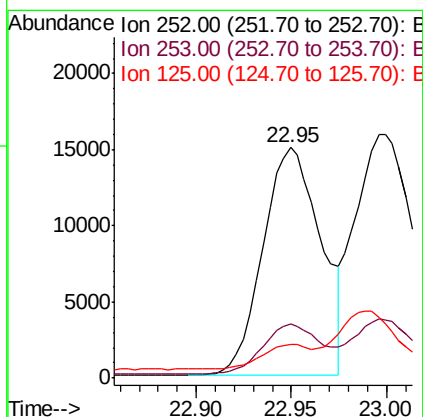
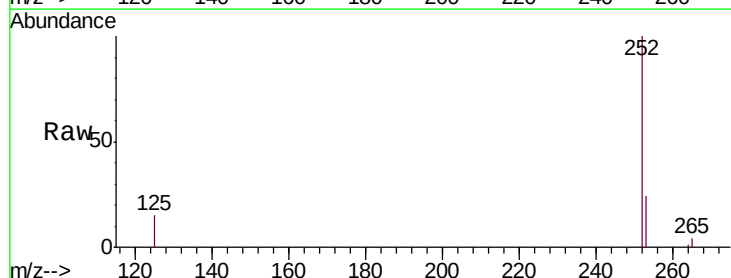
Instrument :
BNA_E
ClientSampleId :
PB126198BS

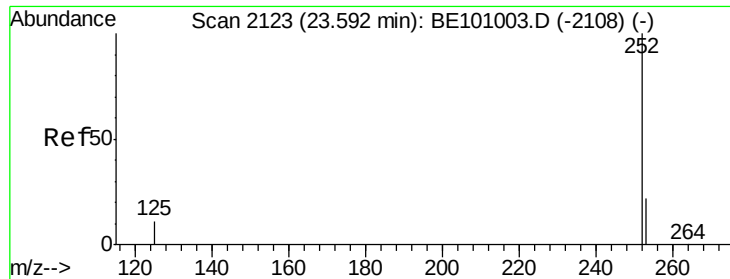
Tgt Ion:252 Resp: 31760
Ion Ratio Lower Upper
252 100
253 23.6 18.5 27.7
125 14.6 9.5 14.3#



#36
Benzo(k)fluoranthene
Concen: 0.267 ng
RT: 22.95 min Scan# 1942
Delta R.T. -0.06 min
Lab File: BE101105.D
Acq: 21 Jan 2020 10:22

Tgt Ion:252 Resp: 31760
Ion Ratio Lower Upper
252 100
253 23.6 18.9 28.3
125 14.6 10.1 15.1





#37

Benzo(a)pyrene

Concen: 0.403 ng

RT: 23.58 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BE101105.D

Acq: 21 Jan 2020 10:22

Instrument :

BNA_E

ClientSampleId :

PB126198BS

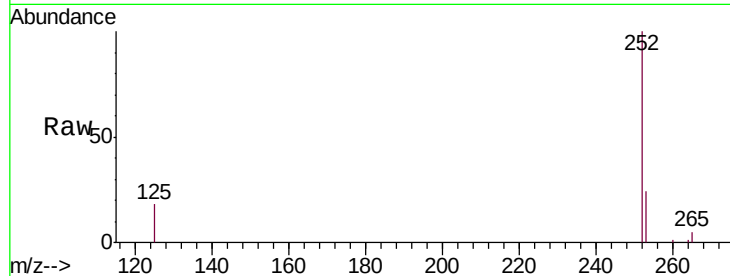
Tgt Ion:252 Resp: 31994

Ion Ratio Lower Upper

252 100

253 23.6 19.4 29.2

125 18.3 11.8 17.6#

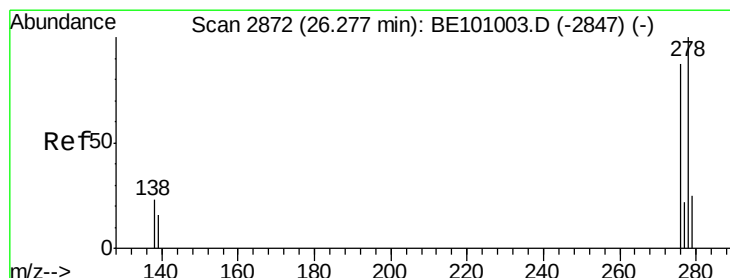
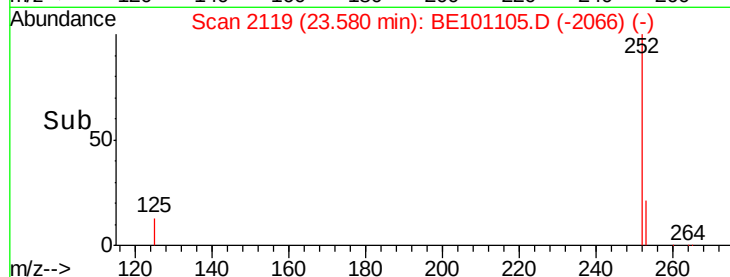
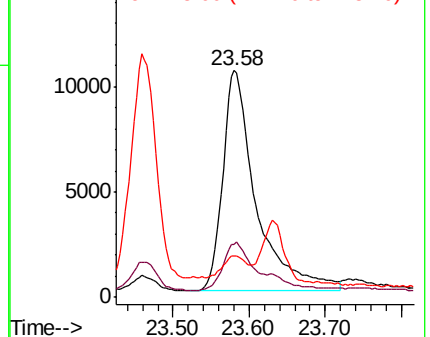


Abundance

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: 0.268 ng

RT: 26.26 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BE101105.D

Acq: 21 Jan 2020 10:22

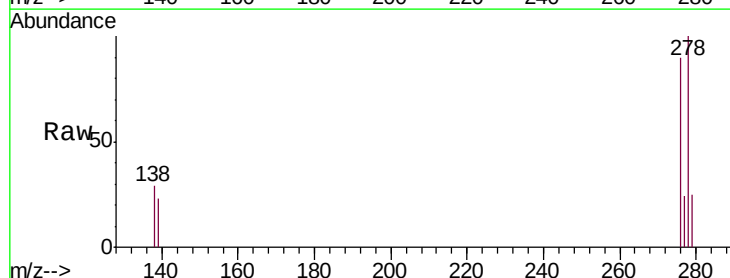
Tgt Ion:278 Resp: 19569

Ion Ratio Lower Upper

278 100

139 22.9 15.0 22.4#

279 25.0 22.6 33.8

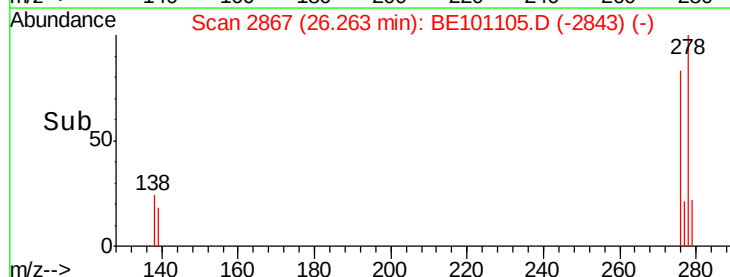
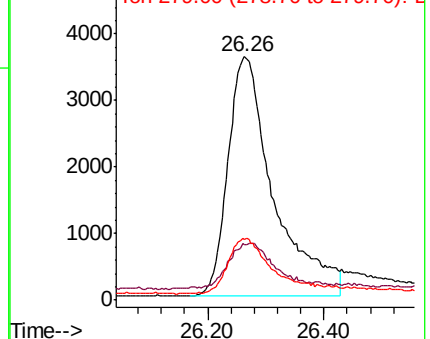


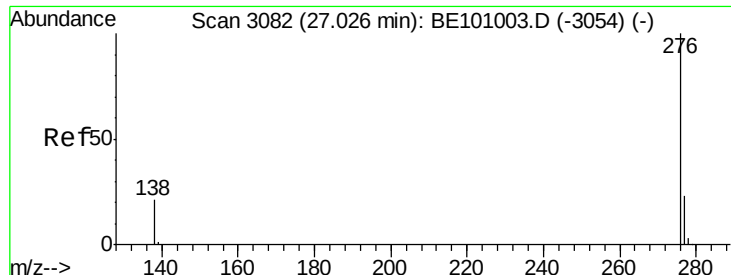
Abundance

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: 0.253 ng

RT: 27.02 min Scan# 3078

Delta R.T. -0.01 min

Lab File: BE101105.D

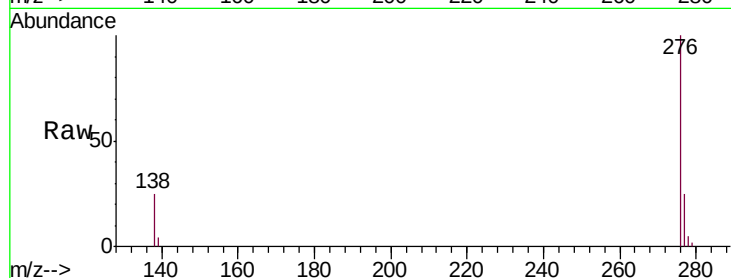
Acq: 21 Jan 2020 10:22

Instrument :

BNA_E

ClientSampleId :

PB126198BS



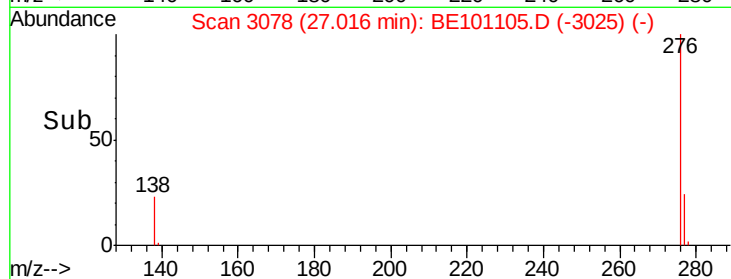
Tgt Ion: 276 Resp: 22682

Ion Ratio Lower Upper

276 100

277 24.8 19.4 29.2

138 25.3 17.9 26.9



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

