

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE012220\
 Data File : BE101115.D
 Acq On : 22 Jan 2020 13:54
 Operator : CG/JU
 Sample : PB126198BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB126198BS

Quant Time: Jan 23 04:05:47 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	1763	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	7977	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	5272	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	12147	0.40	ng	0.00
27) Chrysene-d12	21.28	240	15360	0.40	ng	0.00
34) Perylene-d12	23.70	264	18171	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	1685	0.42	ng	0.00
5) Phenol-d6	6.93	99	1666	0.33	ng	0.01
8) Nitrobenzene-d5	8.89	82	1902	0.33	ng	0.01
11) 2-Methylnaphthalene-d10	12.11	152	6146	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	194	0.13	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	7567	0.38	ng	-0.01
25) Fluoranthene-d10	19.13	212	68787	0.41	ng	0.00
29) Terphenyl-d14	19.73	244	12049	0.32	ng	0.00

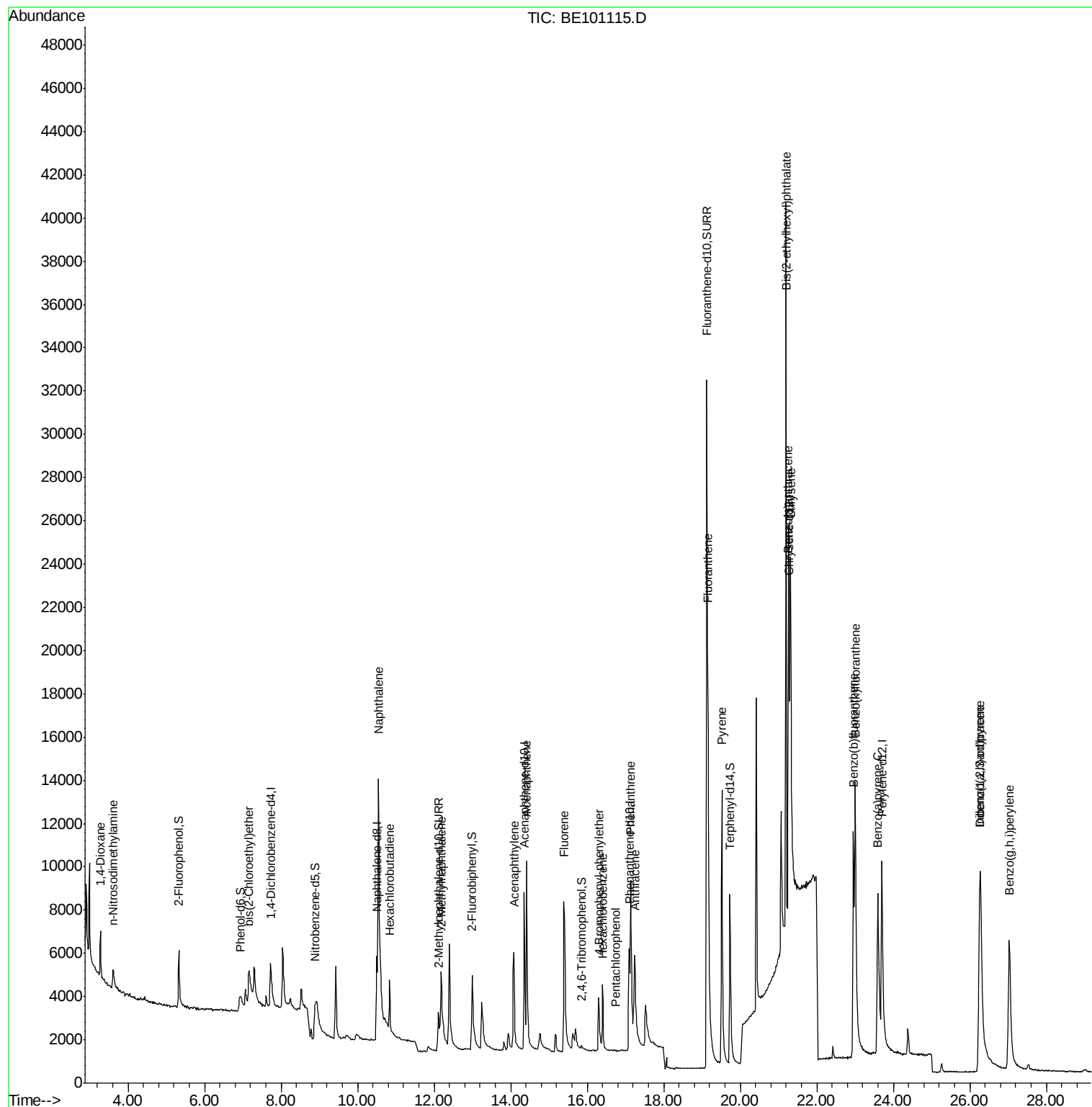
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	1946	0.483	ng	89
3) n-Nitrosodimethylamine	3.60	42	1031	0.421	ng	# 81
6) bis(2-Chloroethyl)ether	7.16	93	1745	0.292	ng	# 96
9) Naphthalene	10.55	128	34501	0.390	ng	99
10) Hexachlorobutadiene	10.83	225	1621	0.432	ng	96
12) 2-Methylnaphthalene	12.18	142	5079	0.379	ng	99
16) Acenaphthylene	14.08	152	7921	0.369	ng	99
17) Acenaphthene	14.41	154	5657	0.368	ng	99
18) Fluorene	15.39	166	7085	0.365	ng	99
20) 4-Bromophenyl-phenylether	16.30	248	2384	0.402	ng	94
21) Hexachlorobenzene	16.41	284	2533	0.390	ng	99
22) Pentachlorophenol	16.73	266	6	0.252	ng	# 71
23) Phenanthrene	17.13	178	11792	0.356	ng	99
24) Anthracene	17.24	178	12024	0.384	ng	99
26) Fluoranthene	19.16	202	16585	0.399	ng	100
28) Pyrene	19.52	202	17526	0.307	ng	99
30) Benzo(a)anthracene	21.26	228	15540	0.355	ng	99
31) Chrysene	21.32	228	27271	0.419	ng	99
32) Bis(2-ethylhexyl)phthalate	21.20	149	37782	0.517	ng	100
33) Indeno(1,2,3-cd)pyrene	26.26	276	20939	0.407	ng	# 92
35) Benzo(b)fluoranthene	22.96	252	17341	0.340	ng	98
36) Benzo(k)fluoranthene	23.01	252	25832	0.350	ng	99
37) Benzo(a)pyrene	23.59	252	19455	0.395	ng	99
38) Dibenzo(a,h)anthracene	26.28	278	16496	0.364	ng	# 93
39) Benzo(g,h,i)perylene	27.03	276	19201	0.344	ng	97

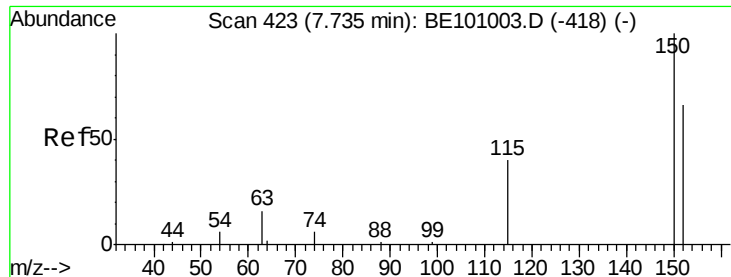
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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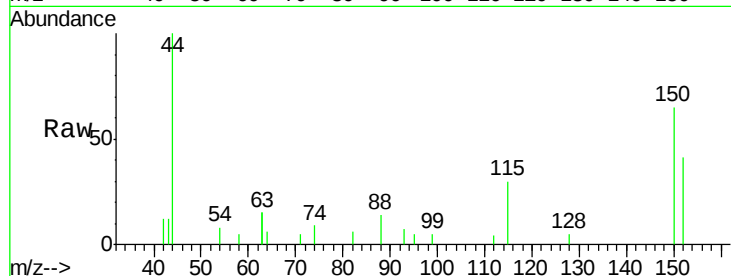


#1

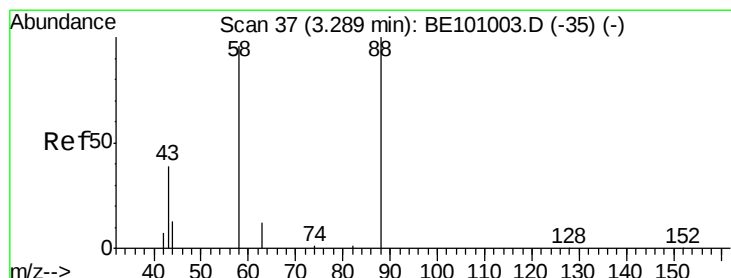
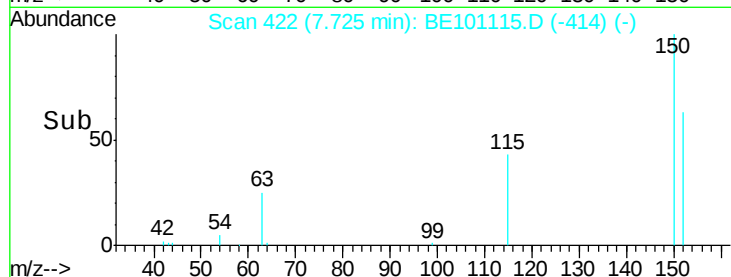
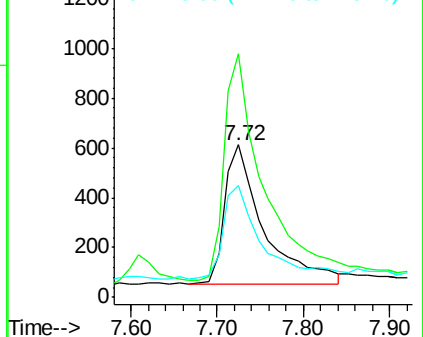
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101115.D
Acq: 22 Jan 2020 13:54

Instrument :
BNA_E
ClientSampleId :
PB126198BS

Tot Ion:152 Resp: 1763
Ion Ratio Lower Upper
152 100
150 159.6 120.3 180.5
115 73.7 51.7 77.5



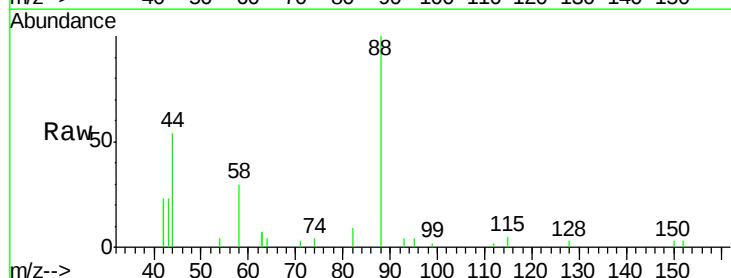
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



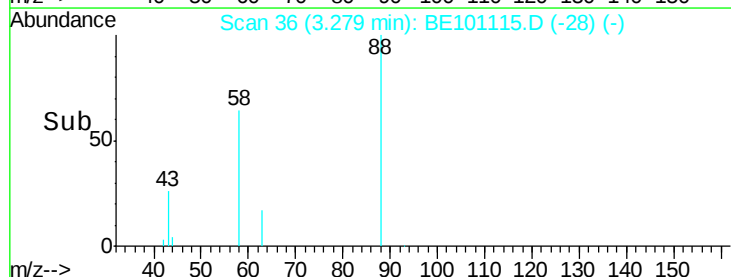
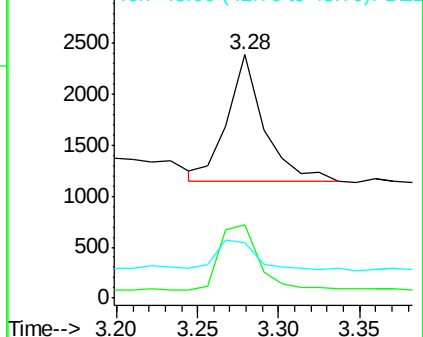
#2

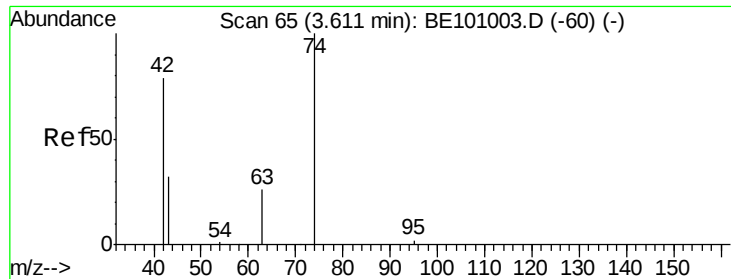
1,4-Dioxane
Concen: 0.483 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE101115.D
Acq: 22 Jan 2020 13:54

Tgt Ion: 88 Resp: 1946
Ion Ratio Lower Upper
88 100
58 55.6 53.0 79.4
43 26.5 23.4 35.2



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





#3

n-Nitrosodimethylamine

Concen: 0.421 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE101115.D

Acq: 22 Jan 2020 13:54

Instrument :

BNA_E

ClientSampleId :

PB126198BS

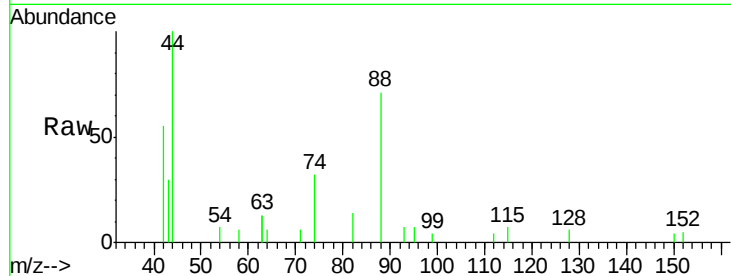
Tot Ion: 42 Resp: 1031

Ion Ratio Lower Upper

42 100

74 108.2 105.7 158.5

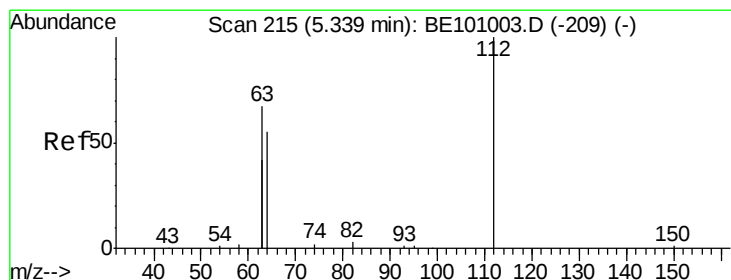
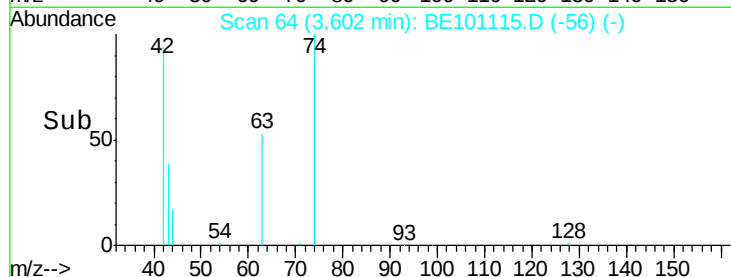
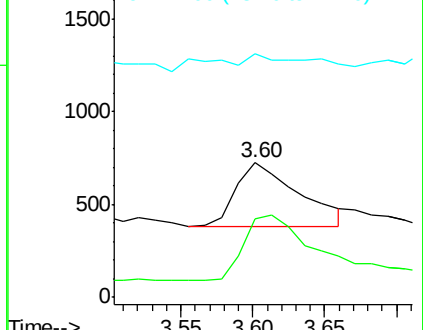
44 16.2 10.0 15.0#



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: 0.425 ng

RT: 5.33 min Scan# 214

Delta R.T. -0.01 min

Lab File: BE101115.D

Acq: 22 Jan 2020 13:54

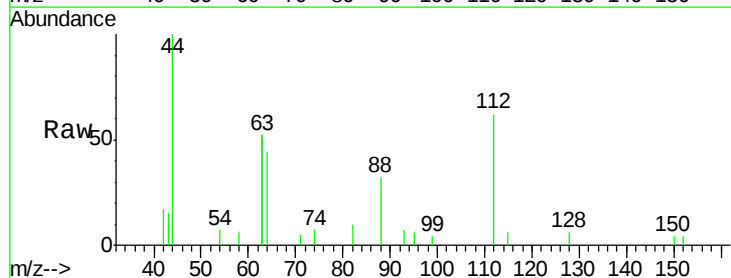
Tgt Ion: 112 Resp: 1685

Ion Ratio Lower Upper

112 100

64 66.8 53.6 80.4

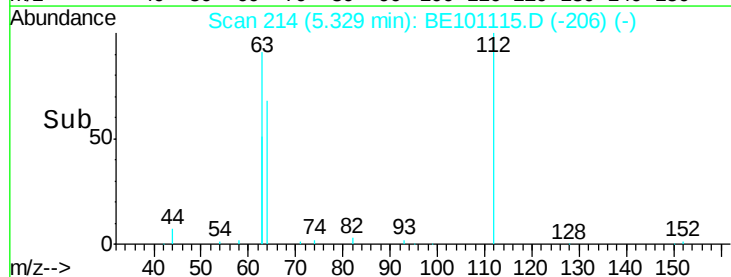
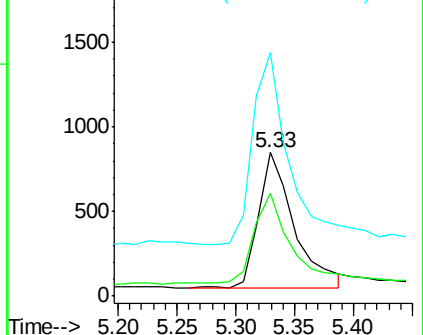
63 144.9 114.6 172.0

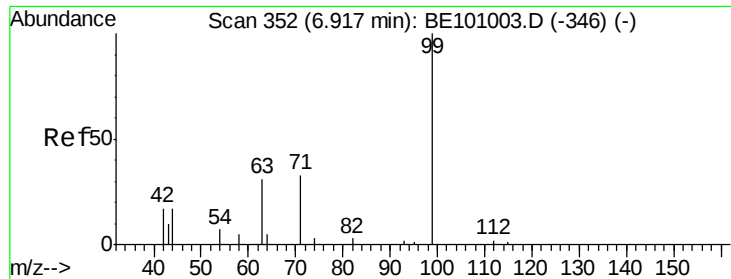


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.332 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.01 min

Lab File: BE101115.D

Acq: 22 Jan 2020 13:54

Instrument :

BNA_E

ClientSampleId :

PB126198BS

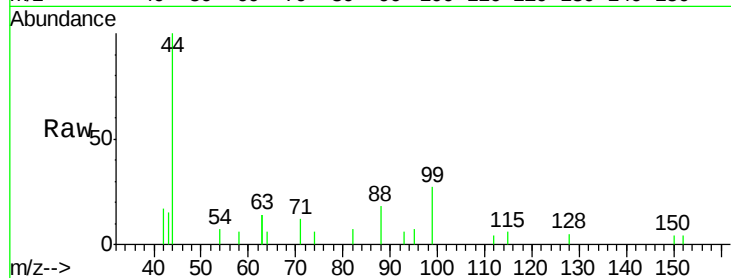
Tot Ion: 99 Resp: 1666

Ion Ratio Lower Upper

99 100

42 0.0 18.3 27.5#

71 42.0 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

6.93

400

300

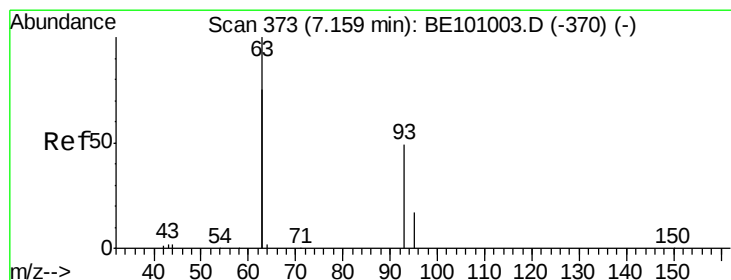
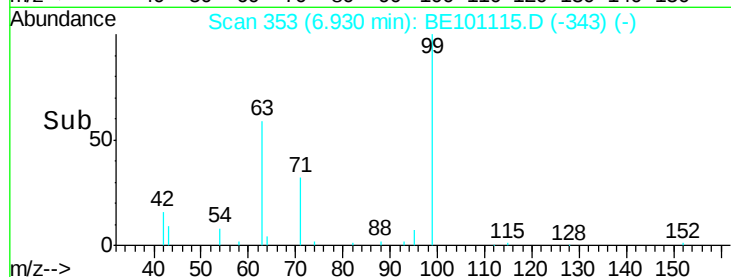
200

100

0

6.80 6.90 7.00

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.292 ng

RT: 7.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: BE101115.D

Acq: 22 Jan 2020 13:54

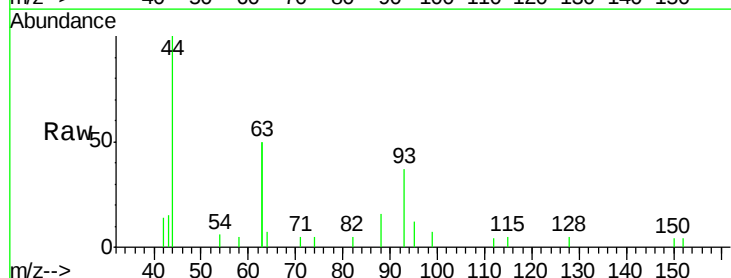
Tgt Ion: 93 Resp: 1745

Ion Ratio Lower Upper

93 100

63 297.8 233.9 350.9

95 36.7 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

2000

1500

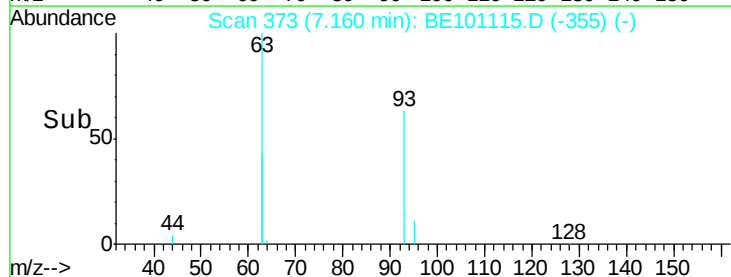
1000

500

0

7.10 7.20 7.30

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 641

Delta R.T. -0.00 min

Lab File: BE101115.D

Acq: 22 Jan 2020 13:54

Instrument :

BNA_E

ClientSampleId :

PB126198BS

Tot Ion:136 Resp: 7977

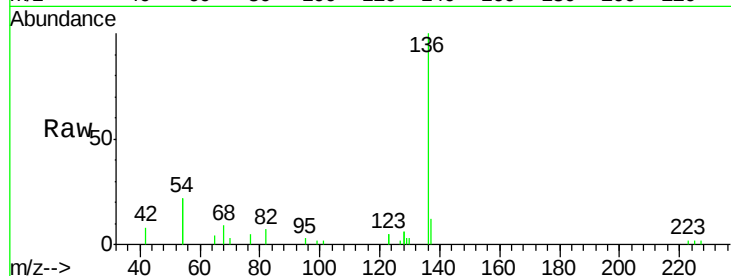
Ion Ratio Lower Upper

136 100

137 12.4 9.3 13.9

54 44.6 36.8 55.2

68 9.4 8.4 12.6

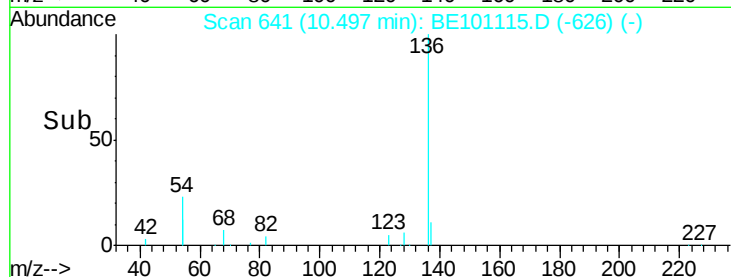
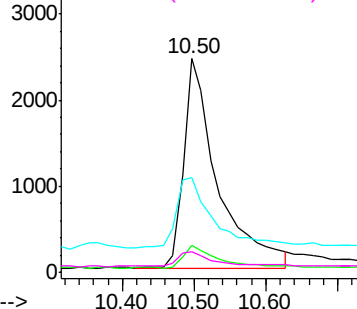


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.333 ng

RT: 8.89 min Scan# 517

Delta R.T. 0.01 min

Lab File: BE101115.D

Acq: 22 Jan 2020 13:54

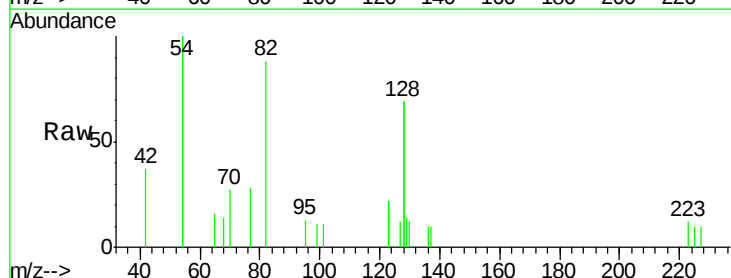
Tgt Ion: 82 Resp: 1902

Ion Ratio Lower Upper

82 100

128 156.5 109.8 164.6

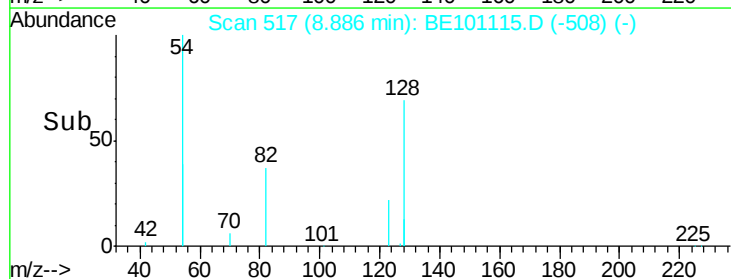
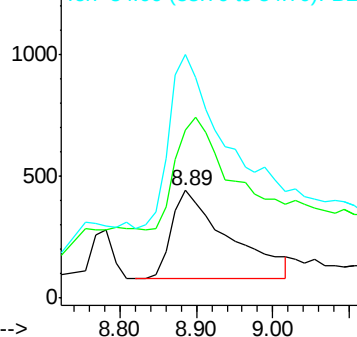
54 226.8 174.5 261.7

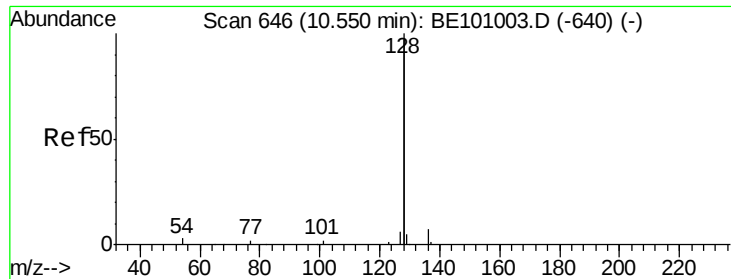


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.390 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE101115.D

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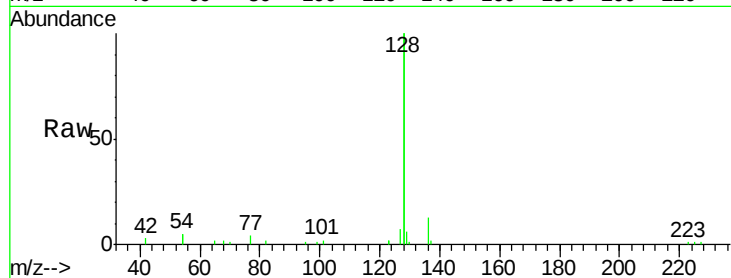
Tot Ion:128 Resp: 34501

Ion Ratio Lower Upper

128 100

129 3.2 2.3 3.5

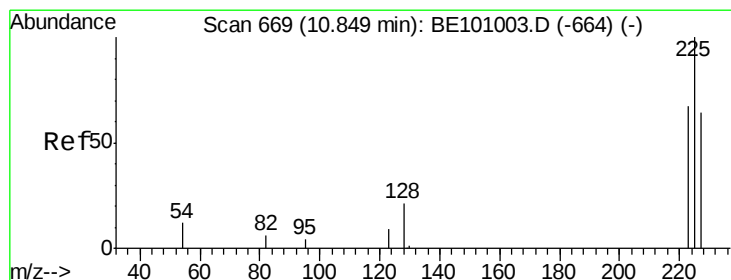
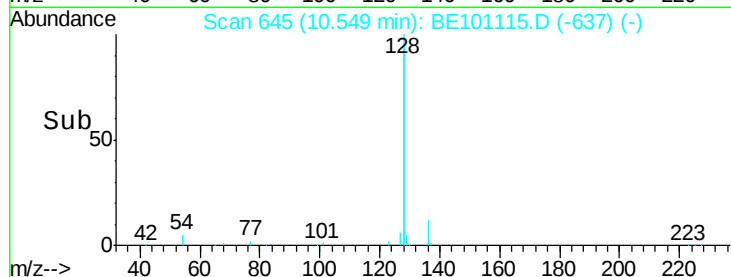
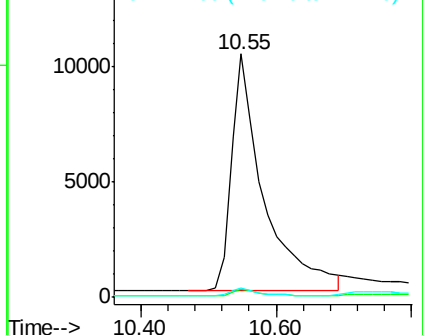
127 3.7 2.7 4.1



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: 0.432 ng

RT: 10.83 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE101115.D

Acq: 22 Jan 2020 13:54

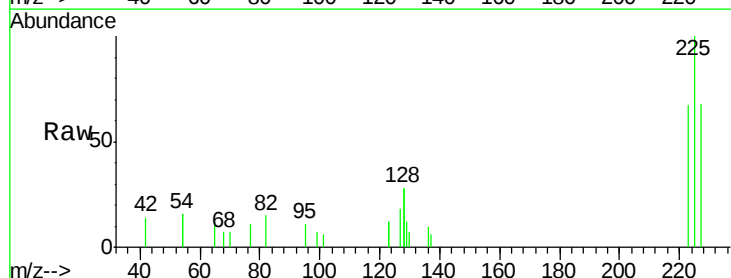
Tgt Ion:225 Resp: 1621

Ion Ratio Lower Upper

225 100

223 62.9 52.2 78.4

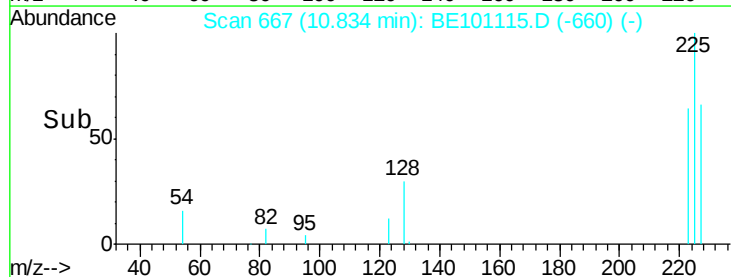
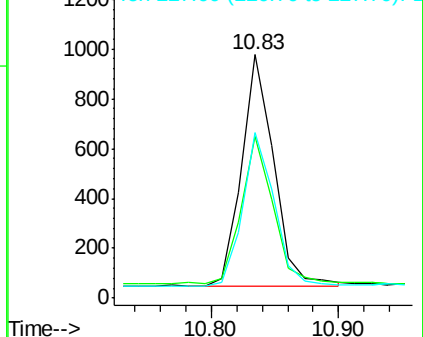
227 65.6 49.9 74.9



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

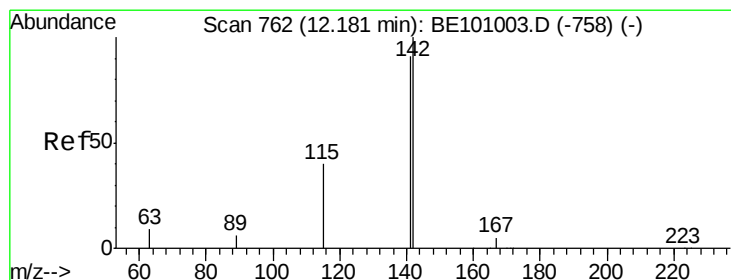
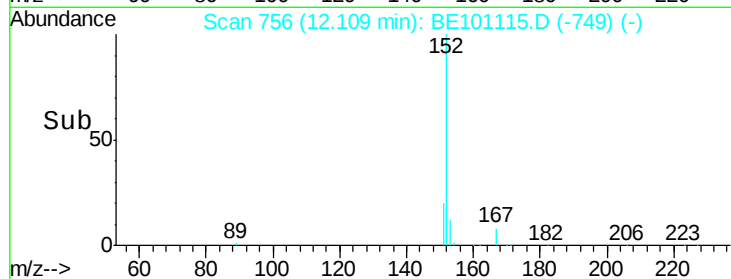
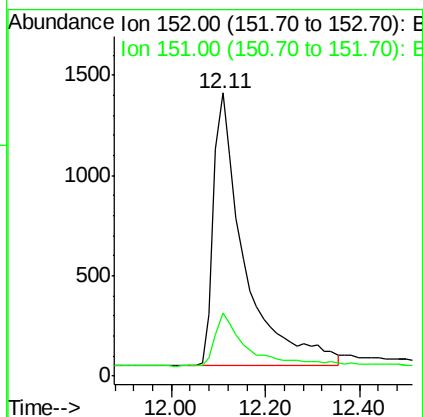
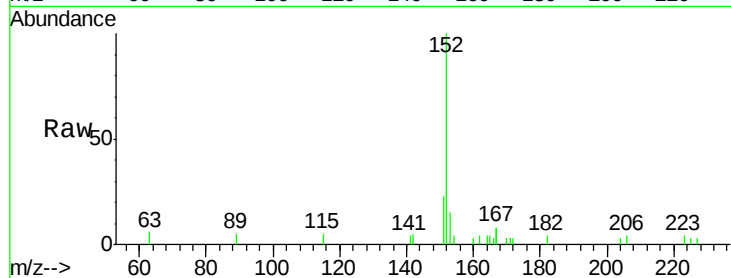




#11
2-Methylnaphthalene-d10
Concen: 0.404 ng
RT: 12.11 min Scan# 756
Delta R.T. 0.00 min
Lab File: BE101115.D
Acq: 22 Jan 2020 13:54

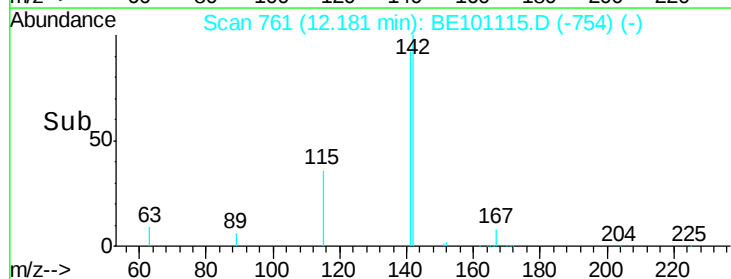
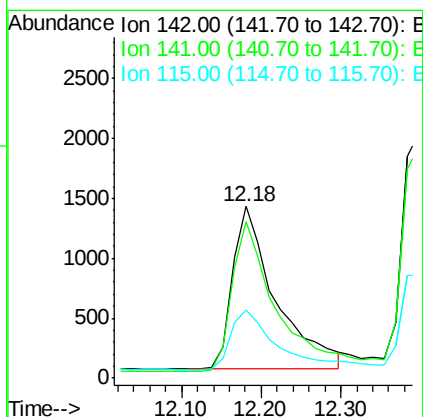
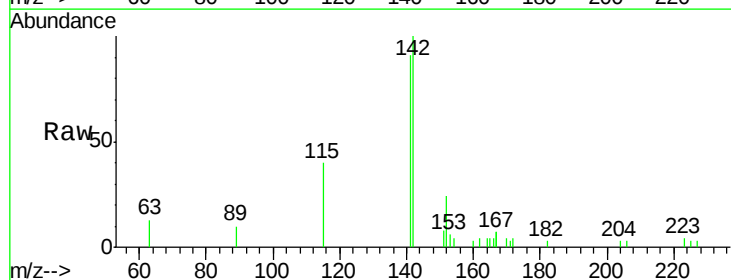
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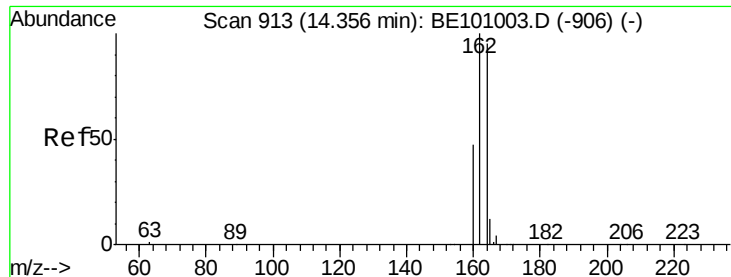
Tot Ion:152 Resp: 6146
Ion Ratio Lower Upper
152 100
151 19.6 15.0 22.6



#12
2-Methylnaphthalene
Concen: 0.379 ng
RT: 12.18 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE101115.D
Acq: 22 Jan 2020 13:54

Tgt Ion:142 Resp: 5079
Ion Ratio Lower Upper
142 100
141 90.9 72.5 108.7
115 39.8 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: BE101115.D

Acq: 22 Jan 2020 13:54

Instrument :

BNA_E

ClientSampleId :

PB126198BS

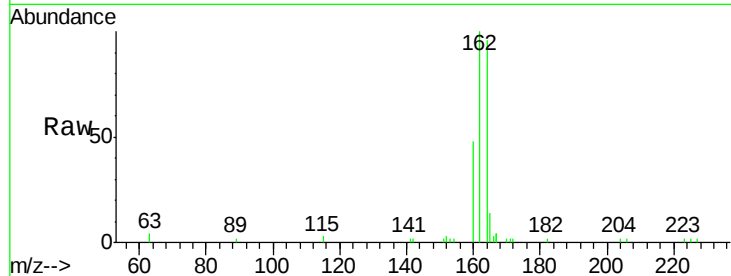
Tot Ion:164 Resp: 5272

Ion Ratio Lower Upper

164 100

162 104.7 84.1 126.1

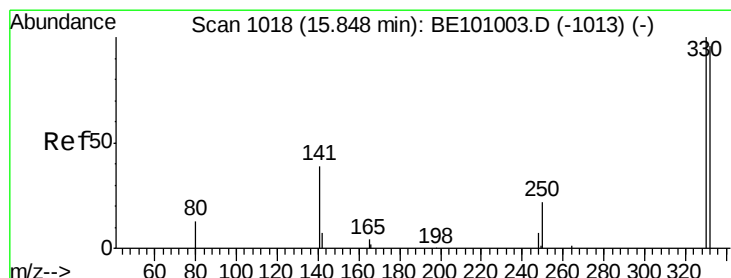
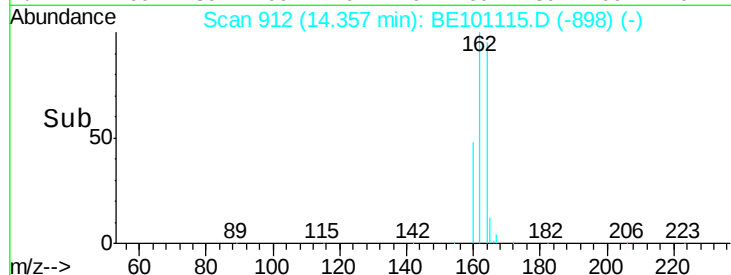
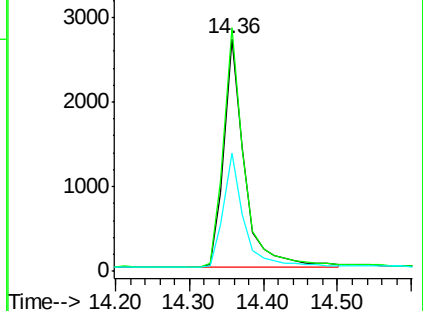
160 50.7 40.4 60.6



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: 0.130 ng

RT: 15.85 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BE101115.D

Acq: 22 Jan 2020 13:54

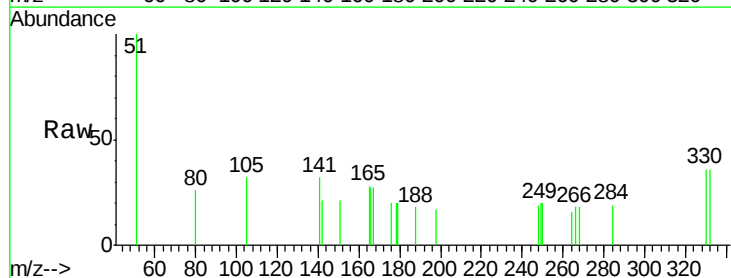
Tgt Ion:330 Resp: 194

Ion Ratio Lower Upper

330 100

332 112.9 78.4 117.6

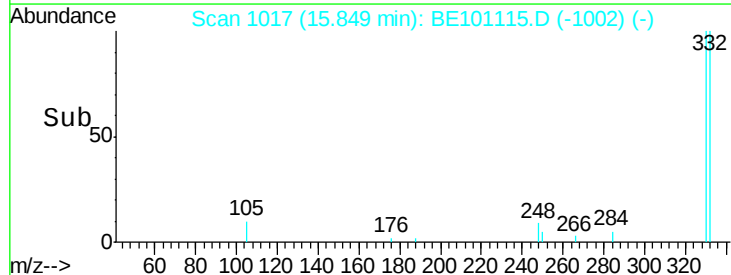
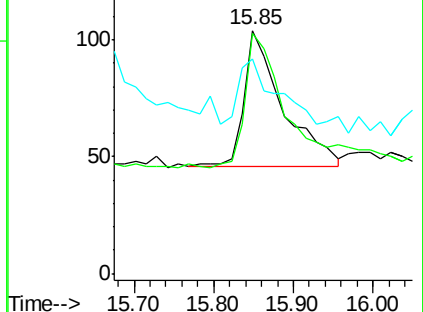
141 65.5 37.0 55.4#



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

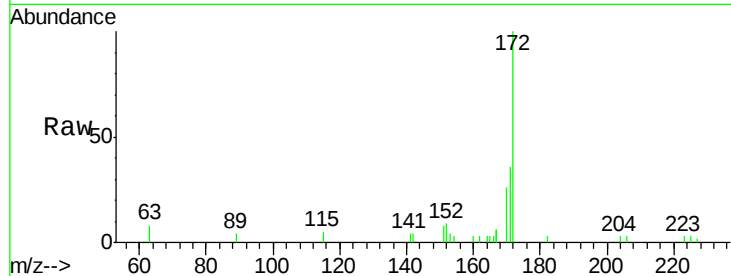




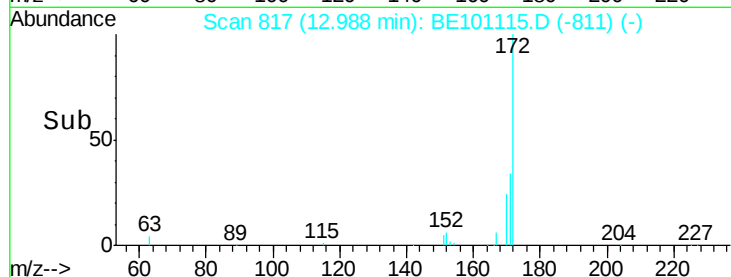
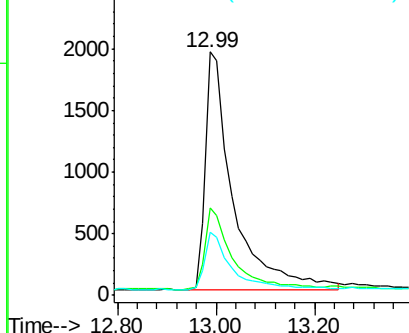
#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101115.D
Acq: 22 Jan 2020 13:54

Instrument :
BNA_E
ClientSampleId :
PB126198BS

Tot Ion:172 Resp: 7567
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.2
170 25.8 18.9 28.3

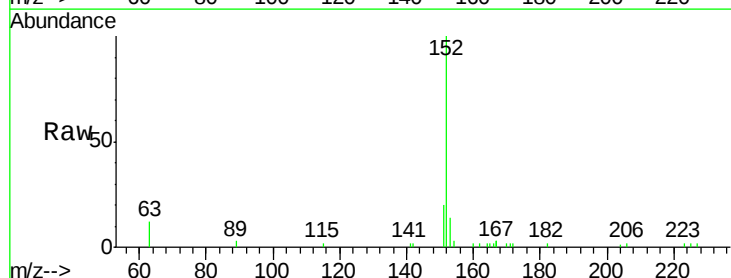


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

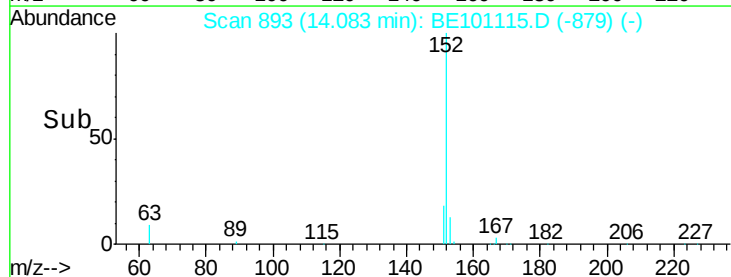
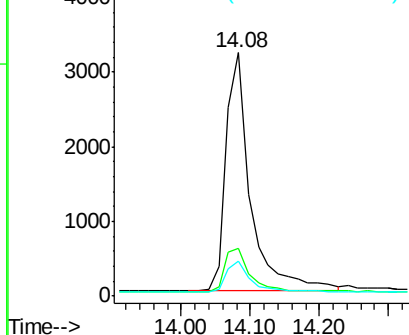


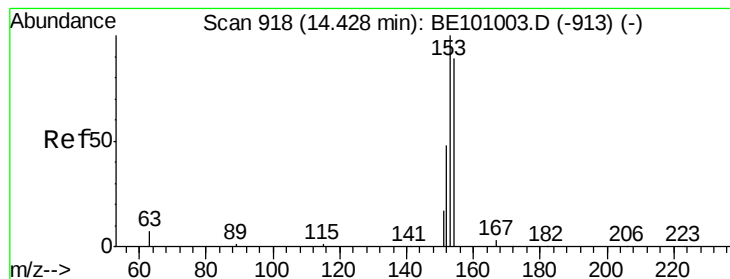
#16
Acenaphthylene
Concen: 0.369 ng
RT: 14.08 min Scan# 893
Delta R.T. 0.00 min
Lab File: BE101115.D
Acq: 22 Jan 2020 13:54

Tgt Ion:152 Resp: 7921
Ion Ratio Lower Upper
152 100
151 19.4 15.5 23.3
153 13.5 10.4 15.6



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: 0.368 ng

RT: 14.41 min Scan# 916

Delta R.T. -0.01 min

Lab File: BE101115.D

Acq: 22 Jan 2020 13:54

Instrument :

BNA_E

ClientSampleId :

PB126198BS

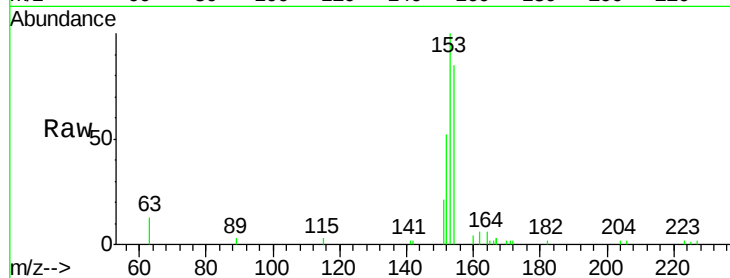
Tot Ion:154 Resp: 5657

Ion Ratio Lower Upper

154 100

153 115.7 93.6 140.4

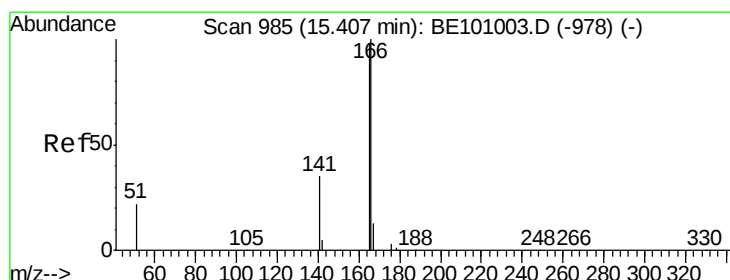
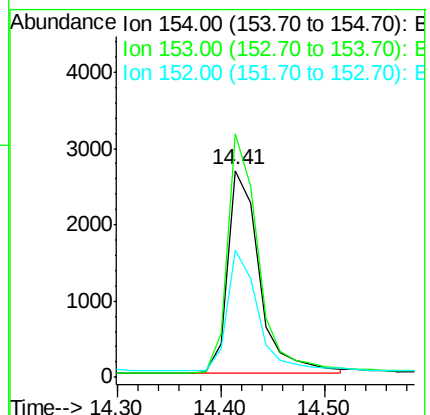
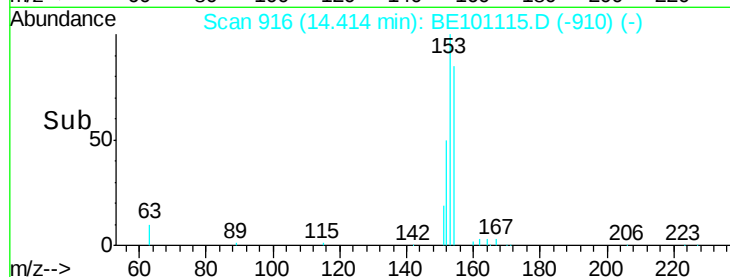
152 57.6 46.3 69.5



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: 0.365 ng

RT: 15.39 min Scan# 983

Delta R.T. -0.01 min

Lab File: BE101115.D

Acq: 22 Jan 2020 13:54

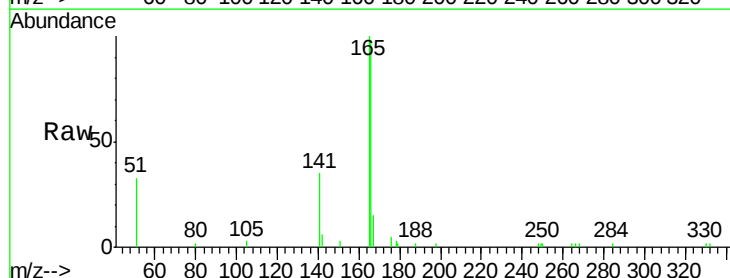
Tgt Ion:166 Resp: 7085

Ion Ratio Lower Upper

166 100

165 99.9 79.8 119.8

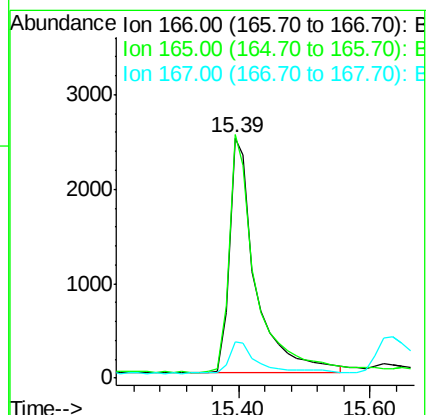
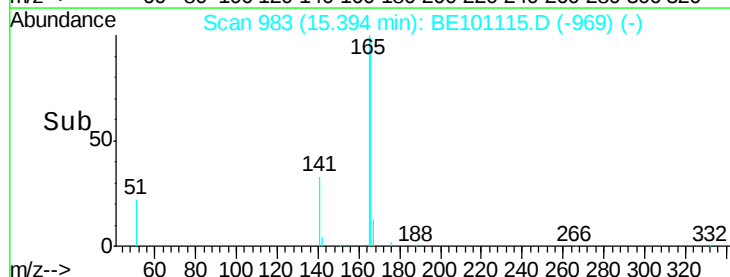
167 15.1 11.0 16.6

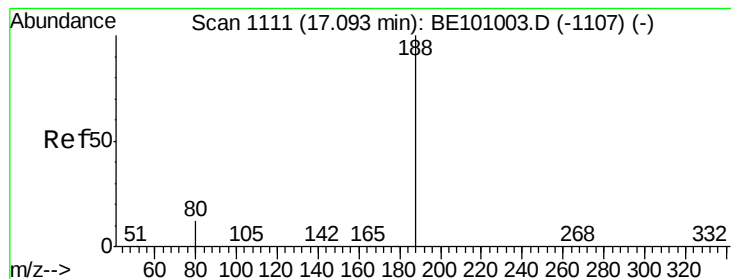


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE101115.D

Acq: 22 Jan 2020 13:54

Instrument :

BNA_E

ClientSampleId :

PB126198BS

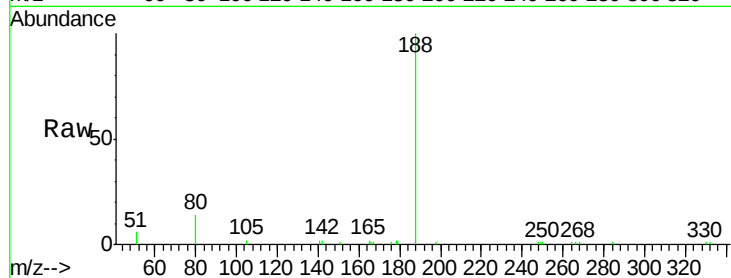
Tot Ion:188 Resp: 12147

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

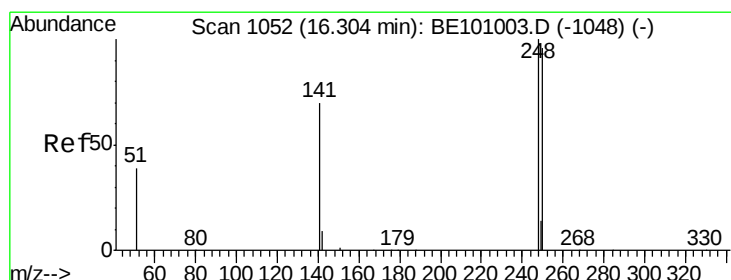
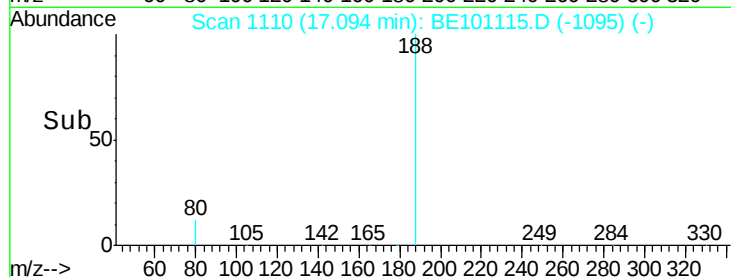
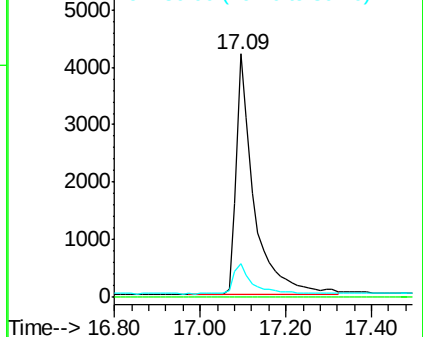
80 13.9 10.8 16.2



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: 0.402 ng

RT: 16.30 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BE101115.D

Acq: 22 Jan 2020 13:54

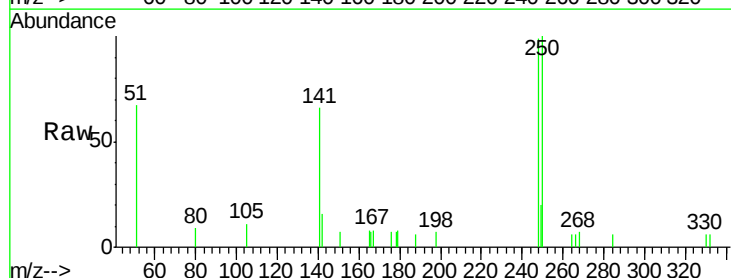
Tgt Ion:248 Resp: 2384

Ion Ratio Lower Upper

248 100

250 101.3 76.6 115.0

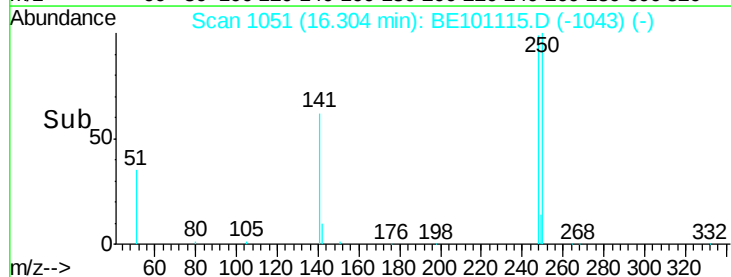
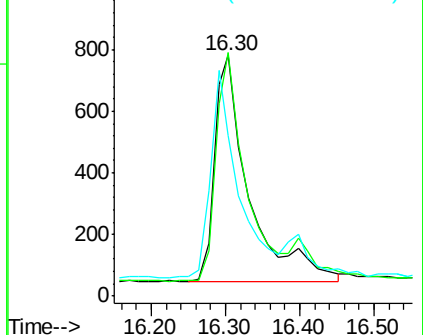
141 66.5 57.7 86.5



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: 0.390 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE101115.D

Acq: 22 Jan 2020 13:54

Instrument :

BNA_E

ClientSampleId :

PB126198BS

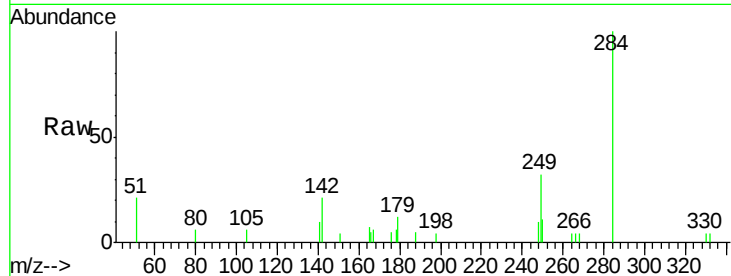
Tot Ion:284 Resp: 2533

Ion Ratio Lower Upper

284 100

142 41.7 34.0 51.0

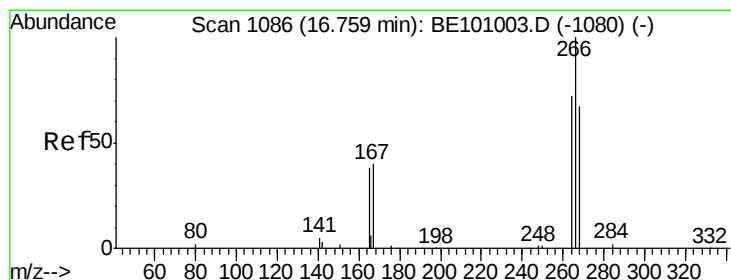
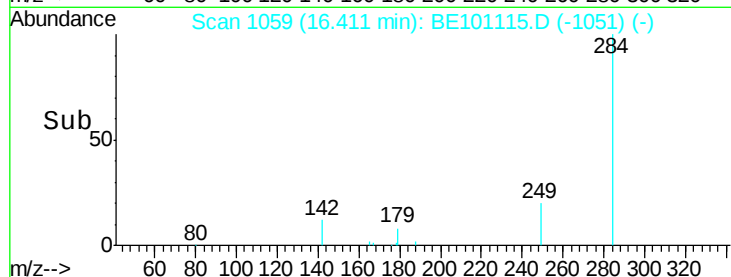
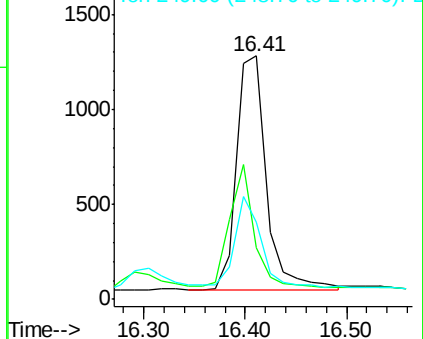
249 35.2 28.2 42.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.252 ng

RT: 16.73 min Scan# 1083

Delta R.T. -0.03 min

Lab File: BE101115.D

Acq: 22 Jan 2020 13:54

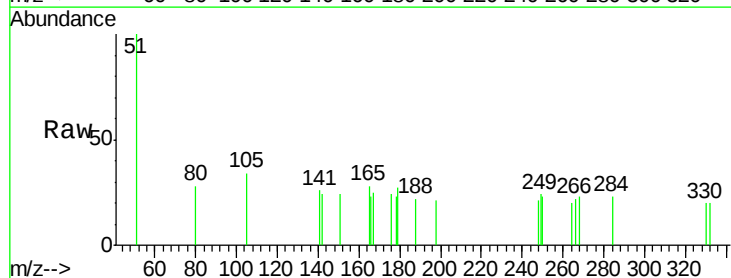
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 94.2 61.0 91.4#

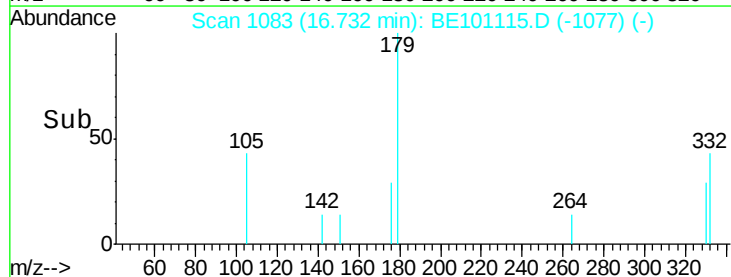
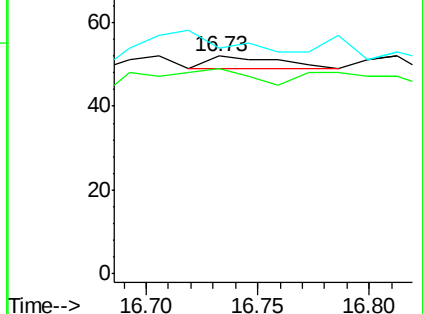
268 103.8 58.5 87.7#

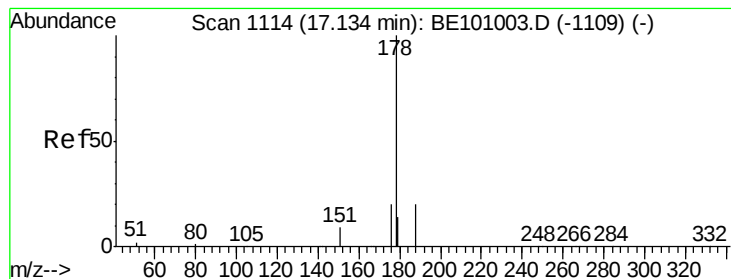


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.356 ng

RT: 17.13 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE101115.D

Acq: 22 Jan 2020 13:54

Instrument :

BNA_E

ClientSampleId :

PB126198BS

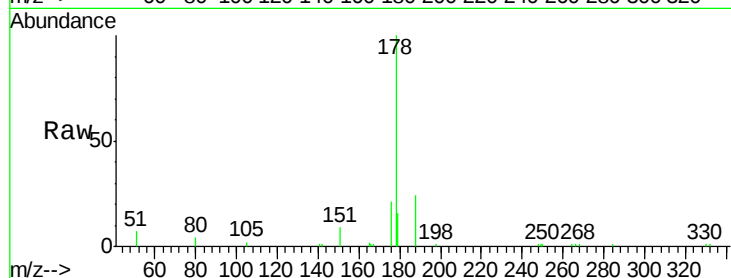
Tot Ion:178 Resp: 11792

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

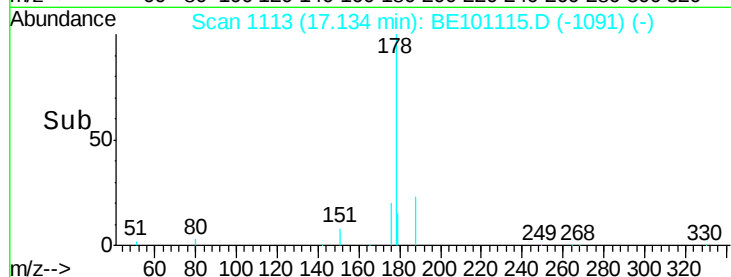
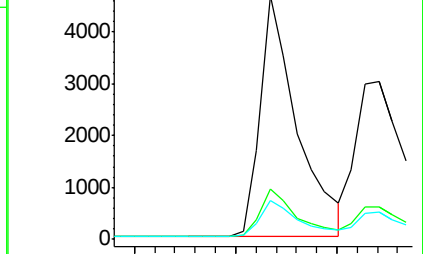
179 15.3 12.0 18.0



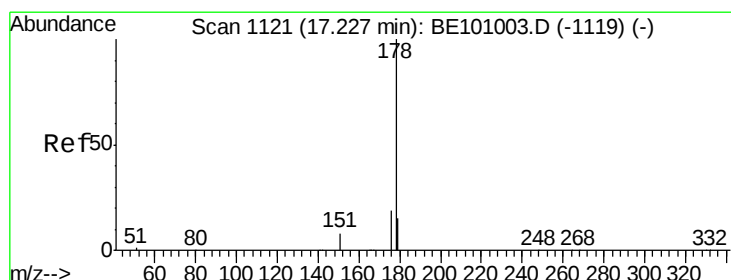
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.384 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE101115.D

Acq: 22 Jan 2020 13:54

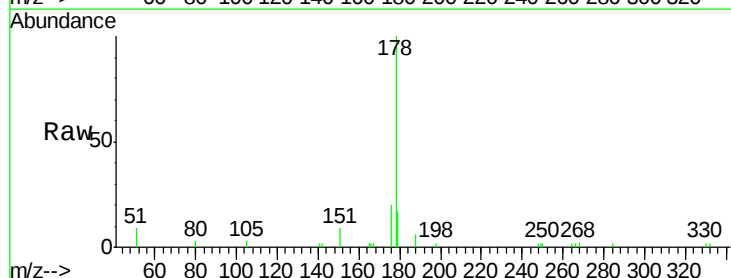
Tgt Ion:178 Resp: 12024

Ion Ratio Lower Upper

178 100

176 18.1 14.8 22.2

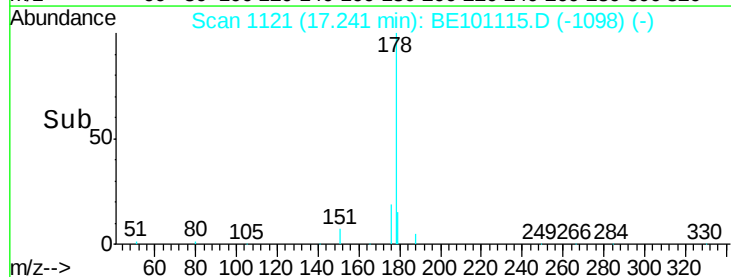
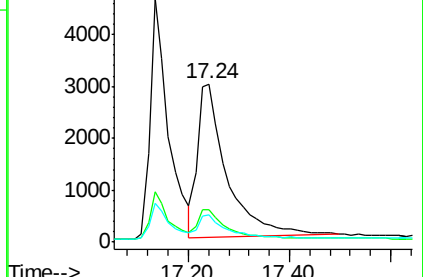
179 15.7 12.4 18.6



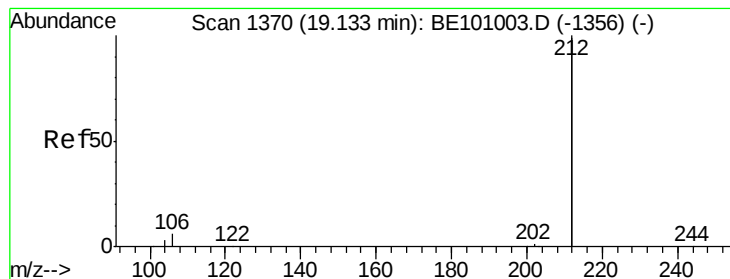
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#25

Fluoranthene-d10

Concen: 0.408 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BE101115.D

Acq: 22 Jan 2020 13:54

Instrument :

BNA_E

ClientSampleId :

PB126198BS

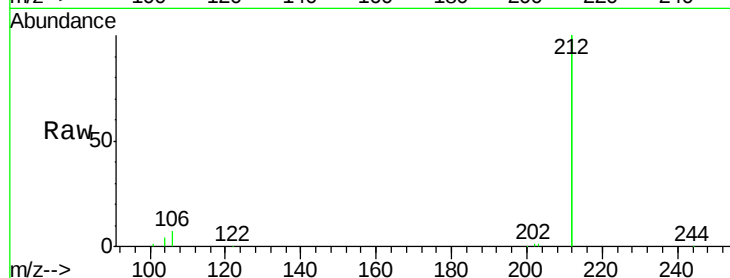
Tot Ion:212 Resp: 68787

Ion Ratio Lower Upper

212 100

106 3.5 2.6 3.8

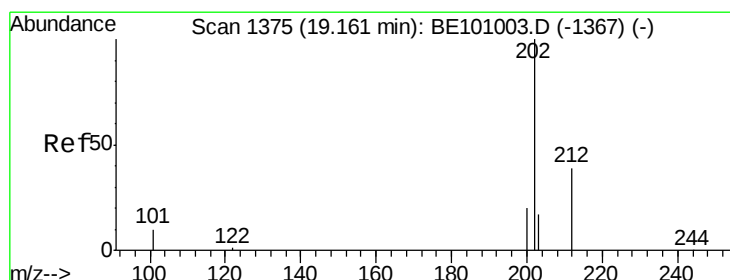
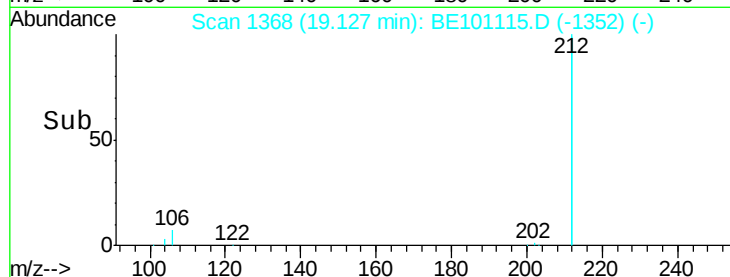
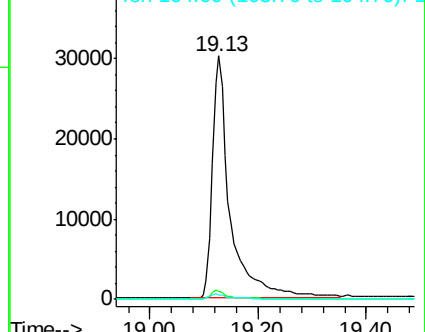
104 2.0 1.4 2.0



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: 0.399 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE101115.D

Acq: 22 Jan 2020 13:54

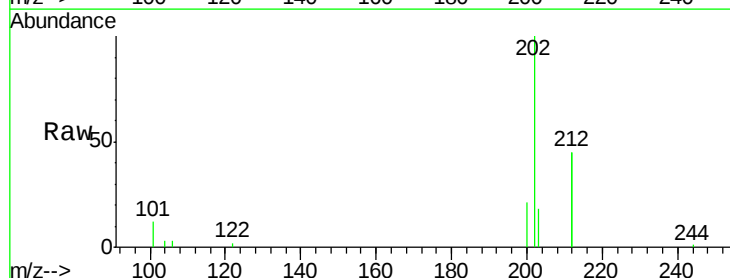
Tgt Ion:202 Resp: 16585

Ion Ratio Lower Upper

202 100

101 12.0 9.6 14.4

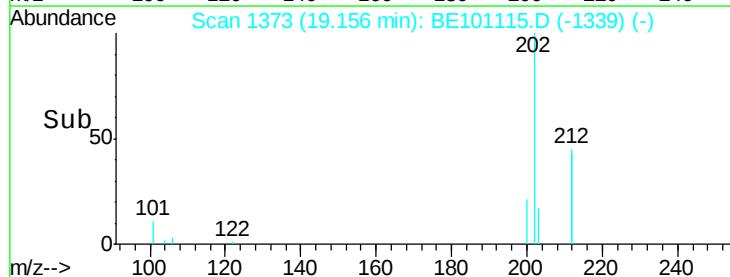
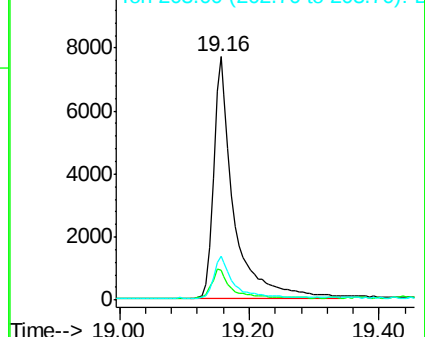
203 17.0 13.8 20.6



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

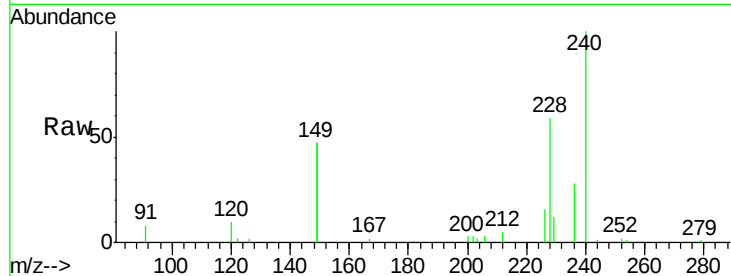




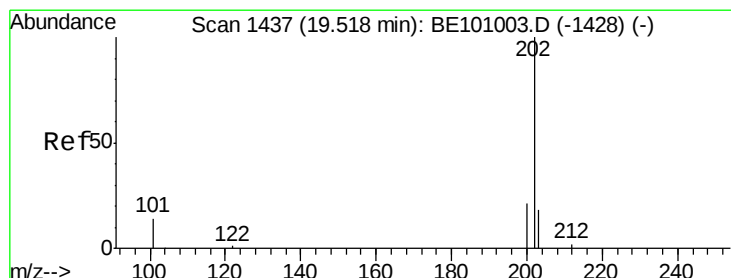
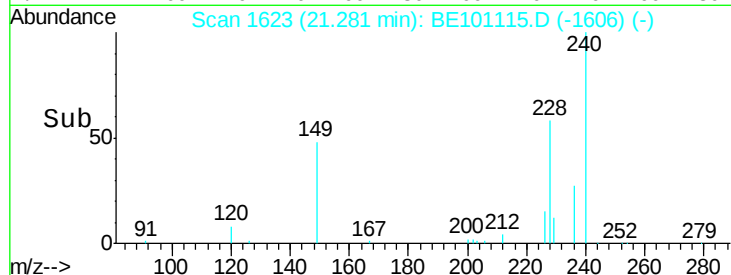
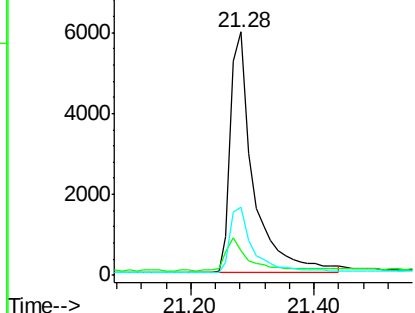
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE101115.D
Acq: 22 Jan 2020 13:54

Instrument :
BNA_E
ClientSampleId :
PB126198BS

Tot Ion:240 Resp: 15360
Ion Ratio Lower Upper
240 100
120 10.2 8.6 13.0
236 27.9 22.2 33.4

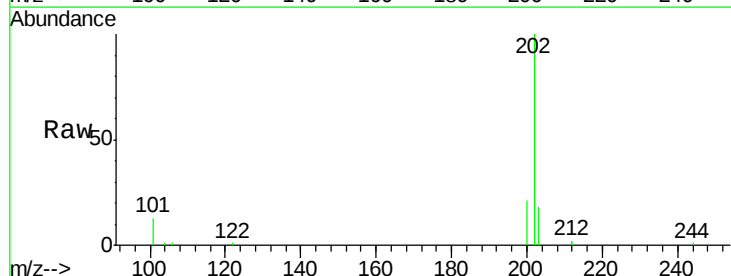


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

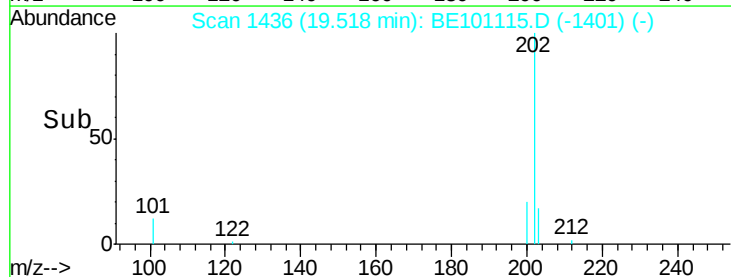
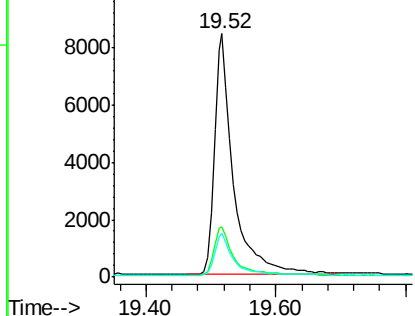


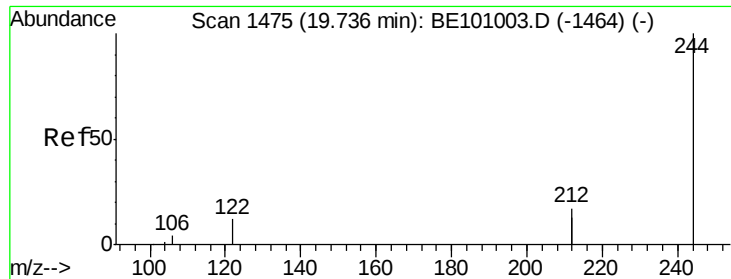
#28
Pyrene
Concen: 0.307 ng
RT: 19.52 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE101115.D
Acq: 22 Jan 2020 13:54

Tgt Ion:202 Resp: 17526
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 16.9 13.8 20.6



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: 0.319 ng

RT: 19.73 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BE101115.D

Acq: 22 Jan 2020 13:54

Instrument :

BNA_E

ClientSampleId :

PB126198BS

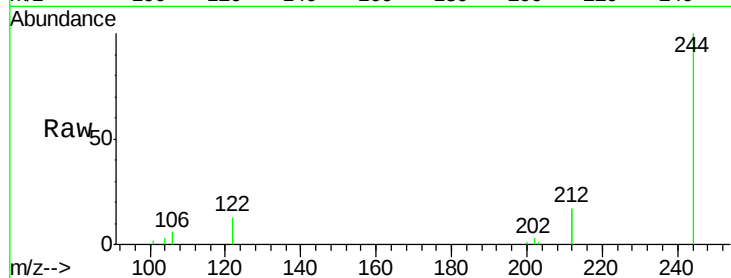
Tot Ion:244 Resp: 12049

Ion Ratio Lower Upper

244 100

212 34.0 27.2 40.8

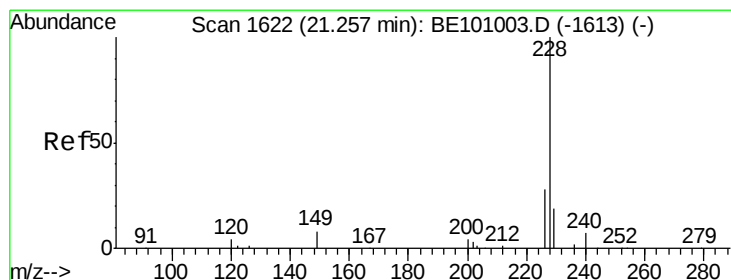
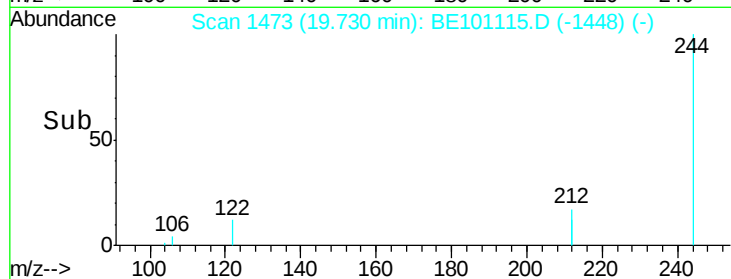
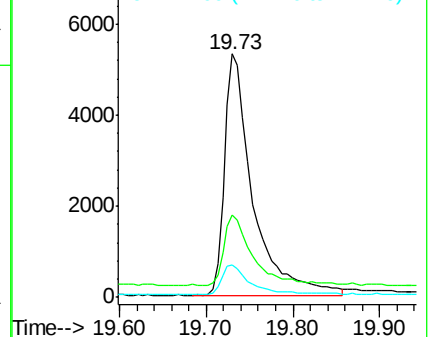
122 13.3 9.8 14.8



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: 0.355 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BE101115.D

Acq: 22 Jan 2020 13:54

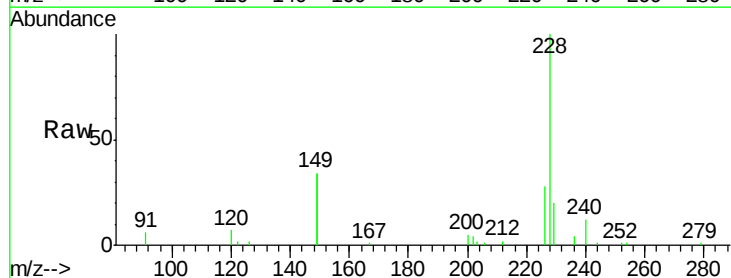
Tgt Ion:228 Resp: 15540

Ion Ratio Lower Upper

228 100

226 27.8 22.7 34.1

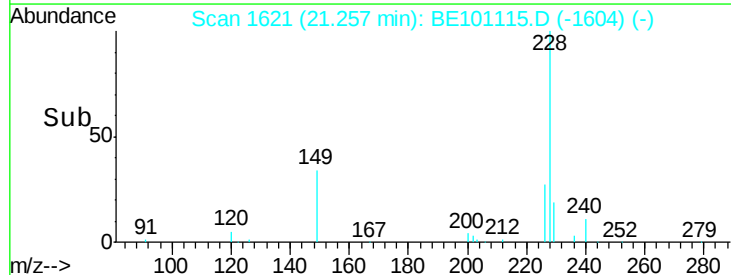
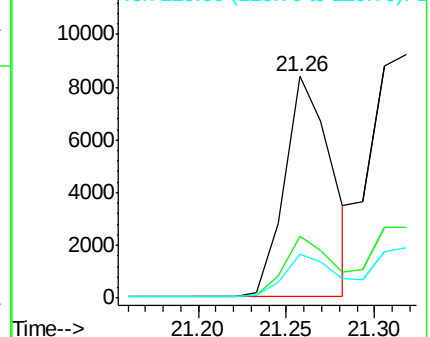
229 19.9 15.5 23.3



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: 0.419 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE101115.D

Acq: 22 Jan 2020 13:54

Instrument :

BNA_E

ClientSampleId :

PB126198BS

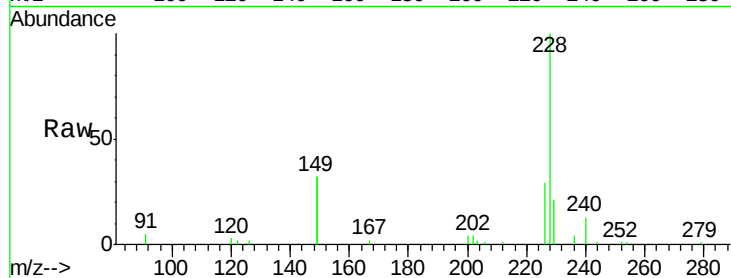
Tot Ion:228 Resp: 27271

Ion Ratio Lower Upper

228 100

226 28.8 23.5 35.3

229 20.6 16.7 25.1

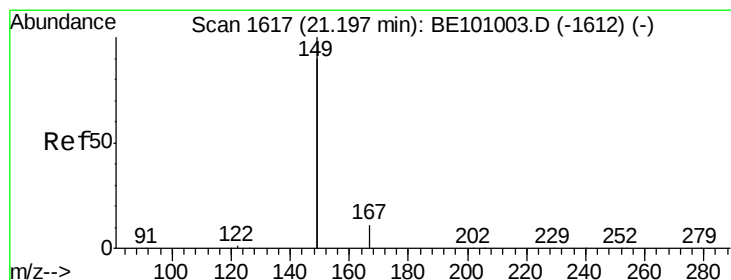
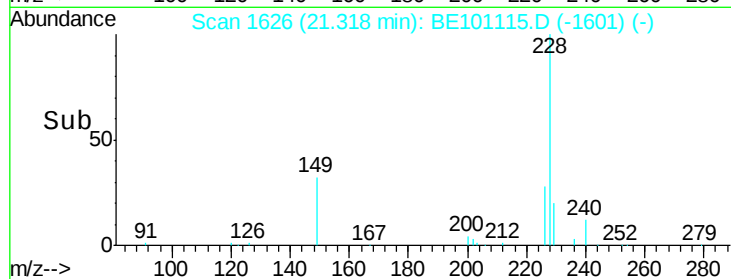
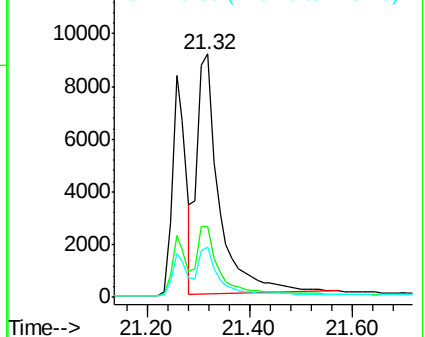


Abundance

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: 0.517 ng

RT: 21.20 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BE101115.D

Acq: 22 Jan 2020 13:54

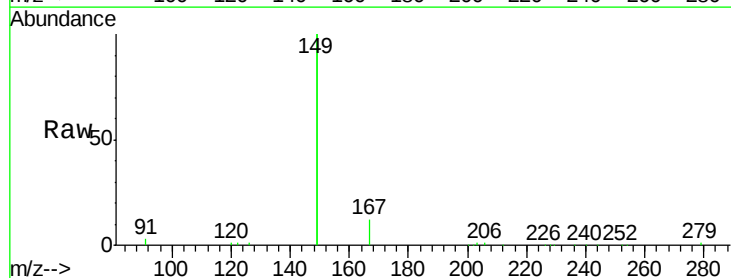
Tgt Ion:149 Resp: 37782

Ion Ratio Lower Upper

149 100

167 6.5 5.2 7.8

279 0.9 0.8 1.2

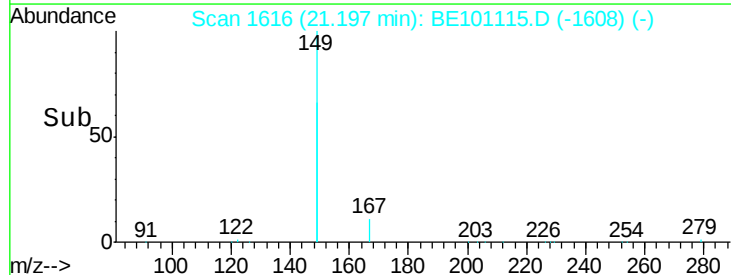
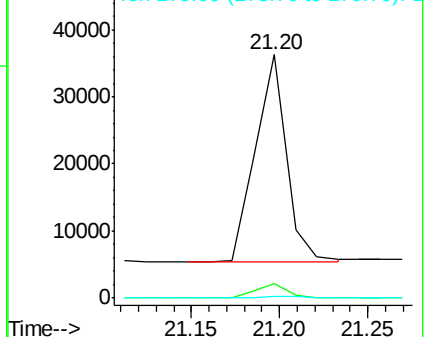


Abundance

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: 0.407 ng

RT: 26.26 min Scan# 2865

Delta R.T. 0.01 min

Lab File: BE101115.D

Acq: 22 Jan 2020 13:54

Instrument :

BNA_E

ClientSampleId :

PB126198BS

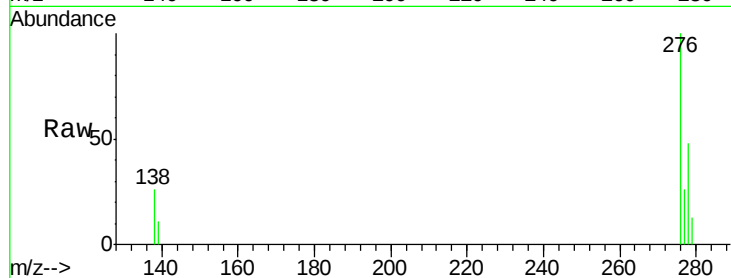
Tot Ion:276 Resp: 20939

Ion Ratio Lower Upper

276 100

138 25.2 16.1 24.1#

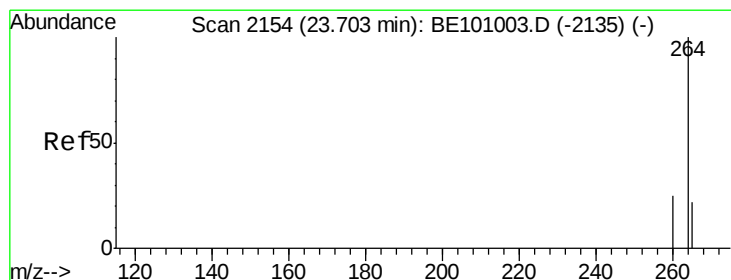
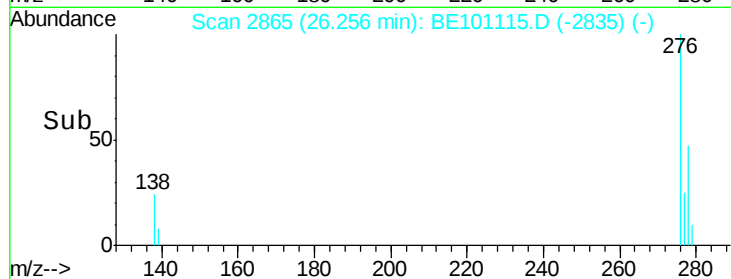
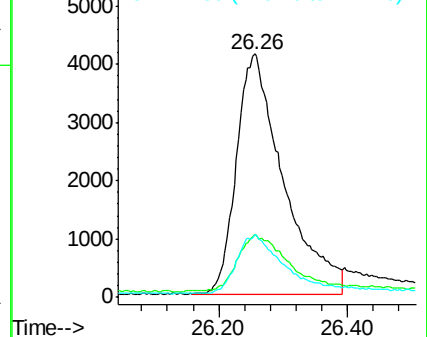
277 25.0 18.1 27.1



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: 23.70 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BE101115.D

Acq: 22 Jan 2020 13:54

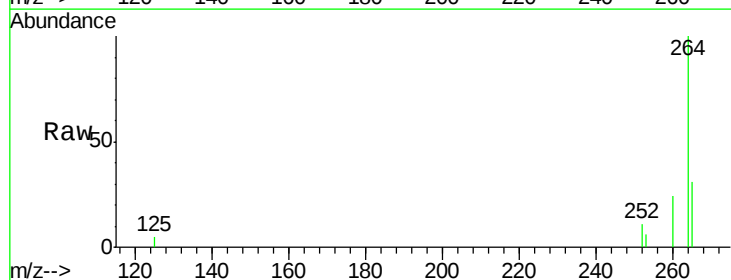
Tgt Ion:264 Resp: 18171

Ion Ratio Lower Upper

264 100

260 24.2 20.3 30.5

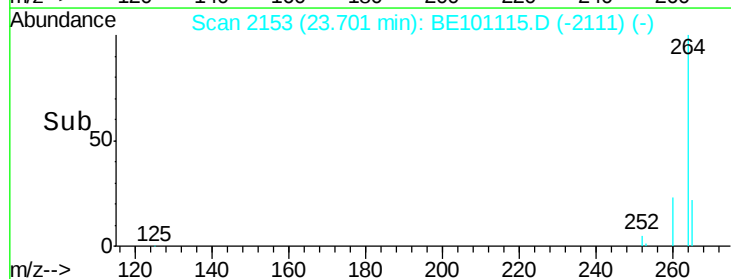
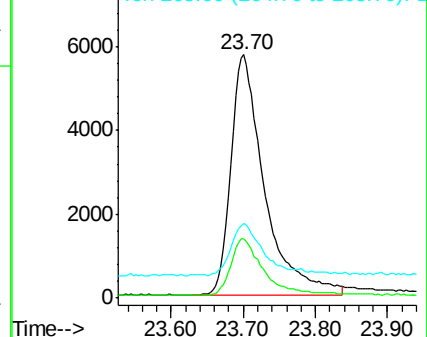
265 30.8 27.0 40.4

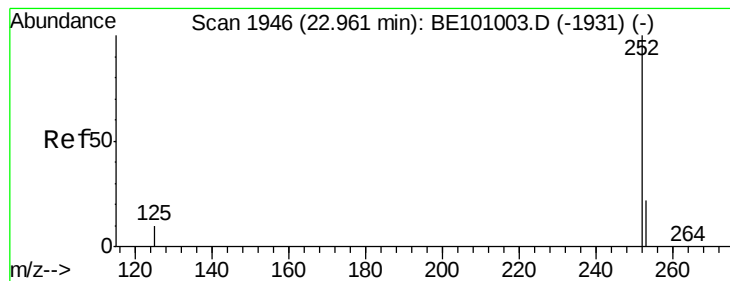


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.340 ng

RT: 22.96 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BE101115.D

Acq: 22 Jan 2020 13:54

Instrument :

BNA_E

ClientSampleId :

PB126198BS

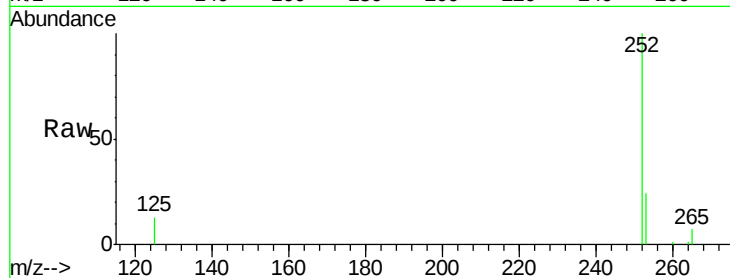
Tot Ion:252 Resp: 17341

Ion Ratio Lower Upper

252 100

253 23.7 18.5 27.7

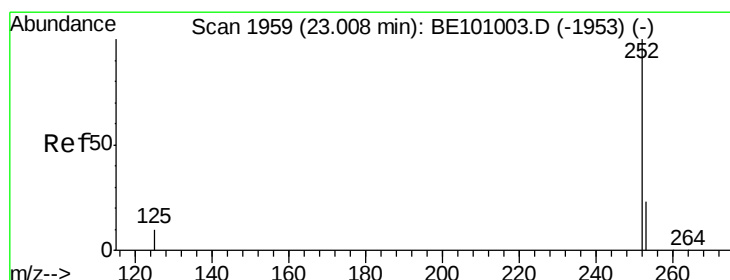
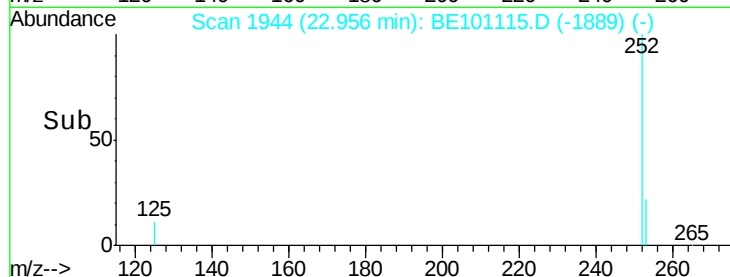
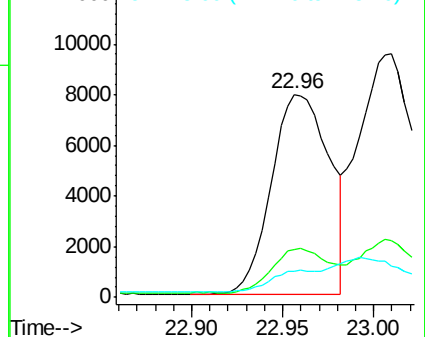
125 13.0 9.5 14.3



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: 0.350 ng

RT: 23.01 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BE101115.D

Acq: 22 Jan 2020 13:54

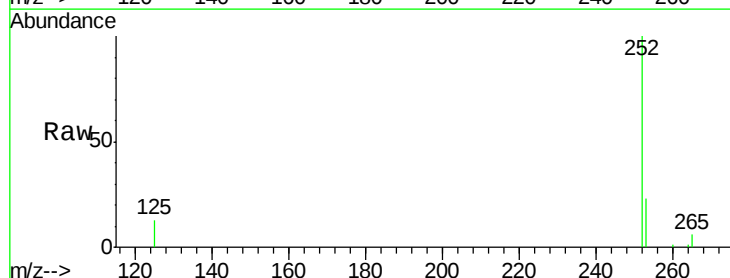
Tgt Ion:252 Resp: 25832

Ion Ratio Lower Upper

252 100

253 23.3 18.9 28.3

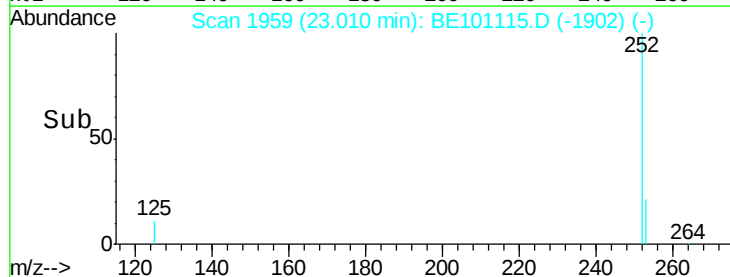
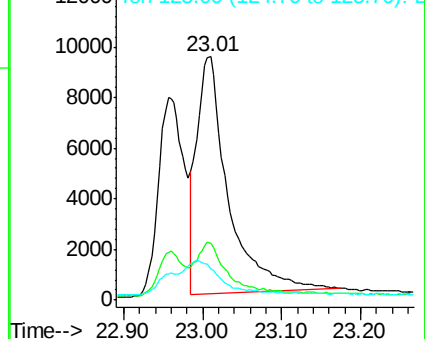
125 13.0 10.1 15.1



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: 0.395 ng

RT: 23.59 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BE101115.D

Acq: 22 Jan 2020 13:54

Instrument :

BNA_E

ClientSampleId :

PB126198BS

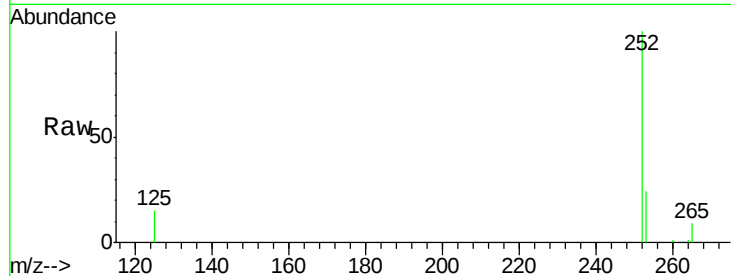
Tot Ion:252 Resp: 19455

Ion Ratio Lower Upper

252 100

253 23.9 19.4 29.2

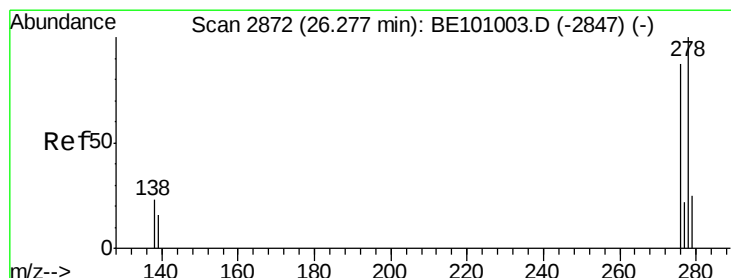
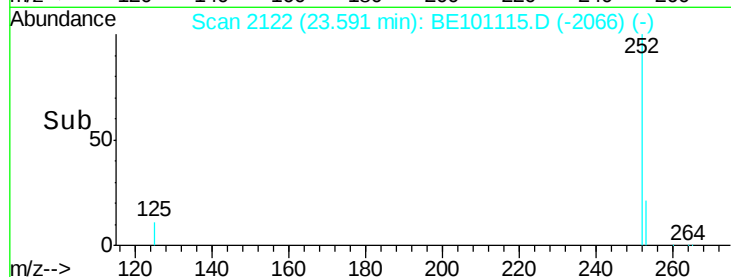
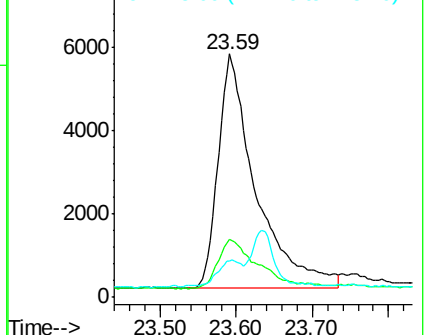
125 14.9 11.8 17.6



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: 0.364 ng

RT: 26.28 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BE101115.D

Acq: 22 Jan 2020 13:54

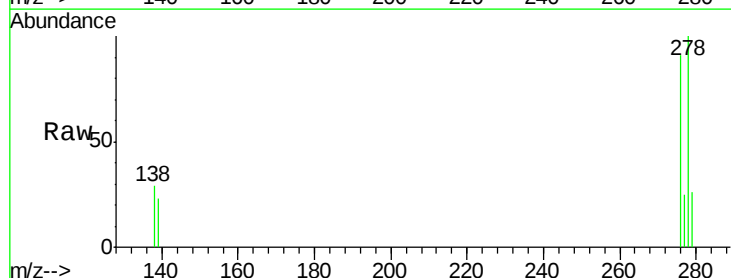
Tgt Ion:278 Resp: 16496

Ion Ratio Lower Upper

278 100

139 23.4 15.0 22.4#

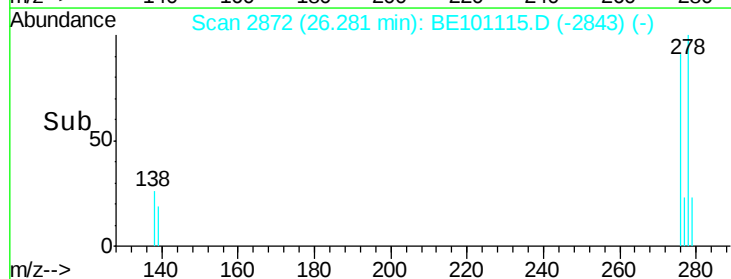
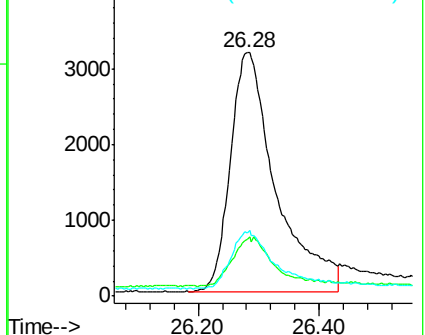
279 25.9 22.6 33.8



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(a,h,i)perylene

Concen: 0.344 ng

RT: 27.03 min Scan# 3082

Delta R.T. 0.00 min

Lab File: BE101115.D

Acq: 22 Jan 2020 13:54

Instrument :

BNA_E

ClientSampleId :

PB126198BS

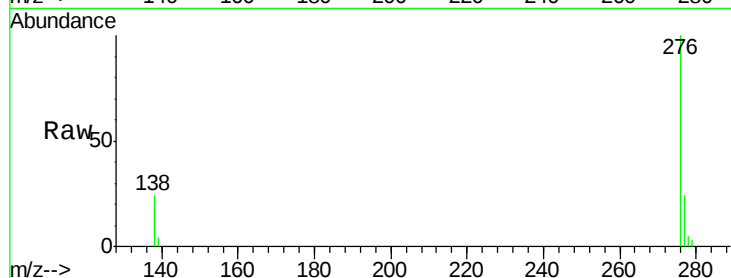
Tot Ion: 276 Resp: 19201

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.2

138 24.4 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

