

Data File : BE101098.D
Acq On : 20 Jan 2020 12:15
Operator : JU
Sample : PB126102BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB126102BSD

Quant Time: Jan 21 02:06:36 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	2150	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	9579	0.40	ng	0.00
13) Acenaphthene-d10	14.35	164	6578	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	16009	0.40	ng	0.00
27) Chrysene-d12	21.27	240	16660	0.40	ng	-0.01
34) Perylene-d12	23.69	264	16796	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.33	112	2001	0.41	ng	-0.01
5) Phenol-d6	6.91	99	2110	0.34	ng	-0.01
8) Nitrobenzene-d5	8.87	82	2419	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	7360	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	537	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	8995	0.36	ng	0.00
25) Fluoranthene-d10	19.13	212	89405	0.40	ng	0.00
29) Terphenyl-d14	19.74	244	15231	0.37	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	2220	0.441	ng	95
3) n-Nitrosodimethylamine	3.60	42	1271	0.425	ng	# 83
6) bis(2-Chloroethyl)ether	7.16	93	2304	0.316	ng	# 91
9) Naphthalene	10.55	128	41190	0.387	ng	100
10) Hexachlorobutadiene	10.83	225	1980	0.440	ng	98
12) 2-Methylnaphthalene	12.18	142	5926	0.368	ng	97
16) Acenaphthylene	14.08	152	9707	0.362	ng	99
17) Acenaphthene	14.41	154	7184	0.375	ng	98
18) Fluorene	15.39	166	9226	0.381	ng	99
20) 4-Bromophenyl-phenylether	16.29	248	2683	0.344	ng	# 85
21) Hexachlorobenzene	16.40	284	3226	0.377	ng	98
22) Pentachlorophenol	16.76	266	298	0.349	ng	98
23) Phenanthrene	17.13	178	15882	0.363	ng	100
24) Anthracene	17.23	178	15502	0.376	ng	98
26) Fluoranthene	19.16	202	21621	0.395	ng	99
28) Pyrene	19.52	202	22169	0.357	ng	99
30) Benzo(a)anthracene	21.26	228	16185	0.340	ng	99
31) Chrysene	21.31	228	28497	0.403	ng	98
32) Bis(2-ethylhexyl)phthalate	21.20	149	22656	0.286	ng	100
33) Indeno(1,2,3-cd)pyrene	26.24	276	20530	0.368	ng	96
35) Benzo(b)fluoranthene	22.95	252	15835	0.336	ng	100
36) Benzo(k)fluoranthene	23.01	252	23767	0.348	ng	98
37) Benzo(a)pyrene	23.59	252	17039	0.374	ng	98
38) Dibenzo(a,h)anthracene	26.27	278	15103	0.360	ng	98
39) Benzo(g,h,i)perylene	27.02	276	18432	0.358	ng	98

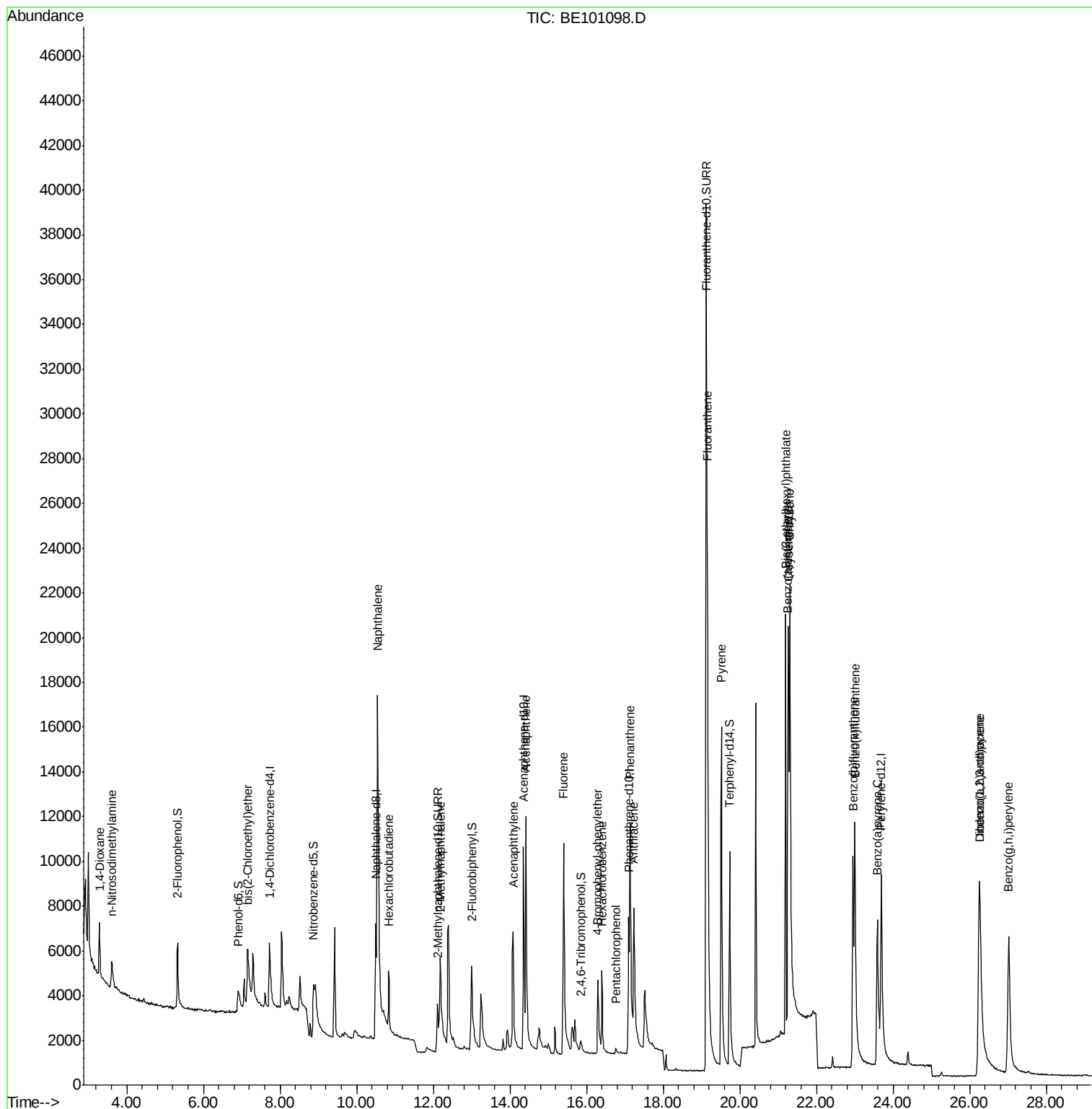
(#) = qualifier out of range (m) = manual integration (+) = signals summed

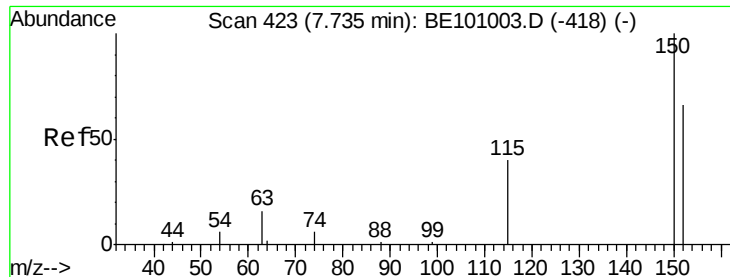
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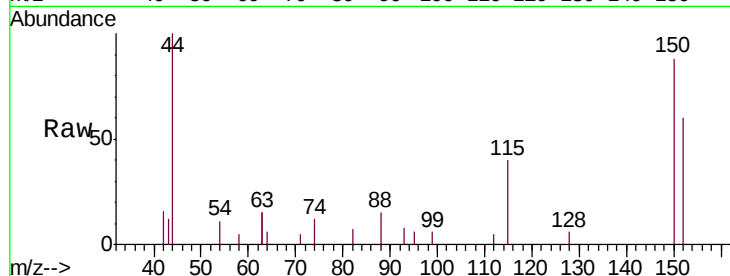


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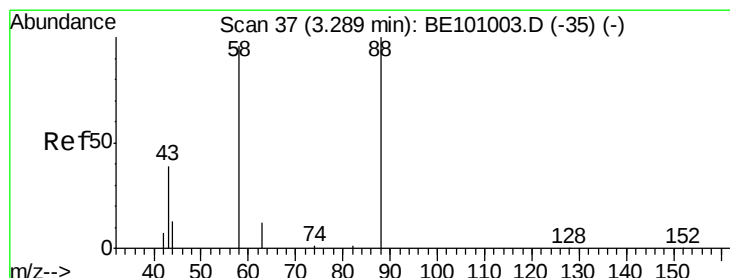
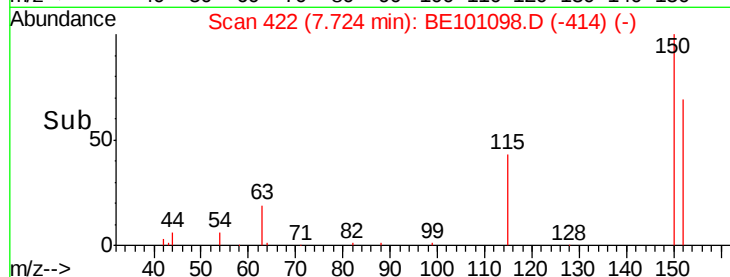
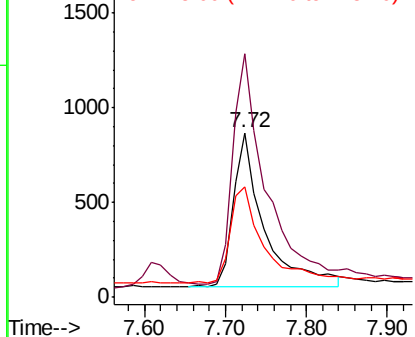
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101098.D
Acq: 20 Jan 2020 12:15

Instrument :
BNA_E
ClientSampleId :
PB126102BSD

Tgt Ion:152 Resp: 2150
Ion Ratio Lower Upper
152 100
150 148.1 120.3 180.5
115 67.1 51.7 77.5



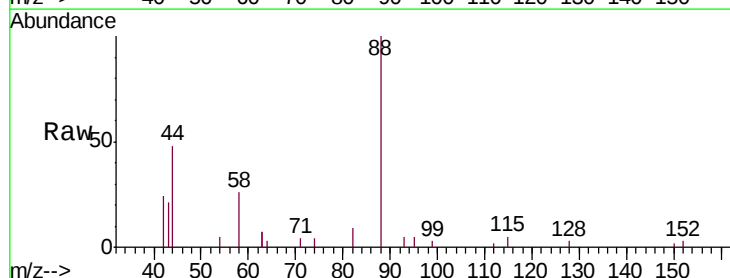
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



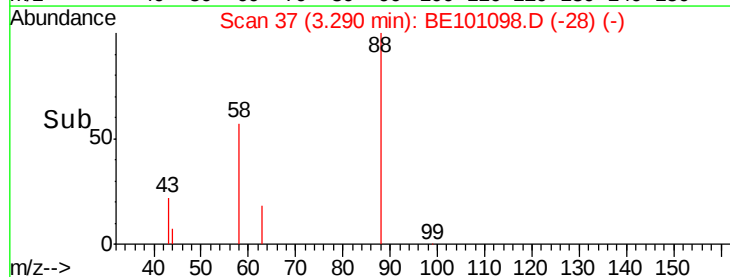
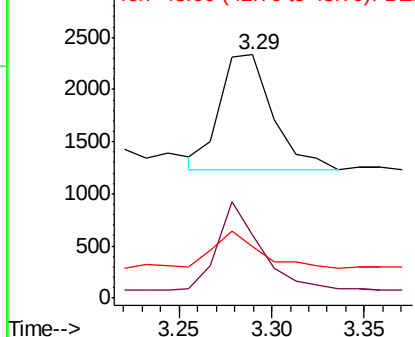
#2

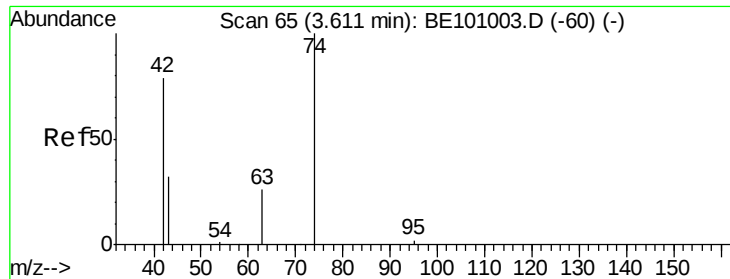
1,4-Dioxane
Concen: 0.441 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101098.D
Acq: 20 Jan 2020 12:15

Tgt Ion: 88 Resp: 2220
Ion Ratio Lower Upper
88 100
58 62.3 53.0 79.4
43 31.6 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: 0.425 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE101098.D

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ClientSampleId :

PB126102BSD

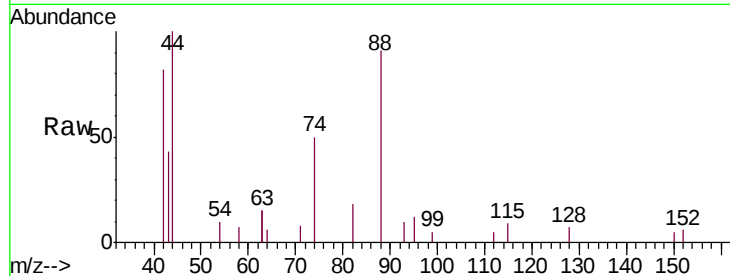
Tgt Ion: 42 Resp: 1271

Ion Ratio Lower Upper

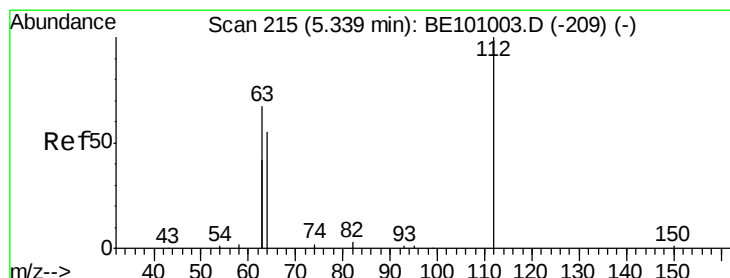
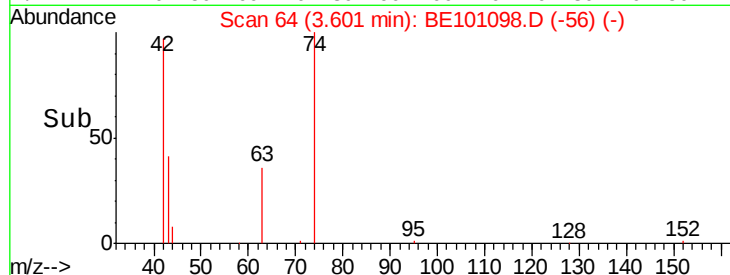
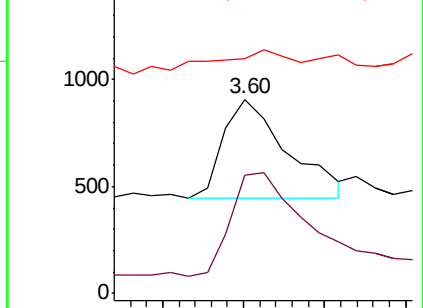
42 100

74 116.1 105.7 158.5

44 31.8 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: 0.414 ng

RT: 5.33 min Scan# 214

Delta R.T. -0.01 min

Lab File: BE101098.D

Acq: 20 Jan 2020 12:15

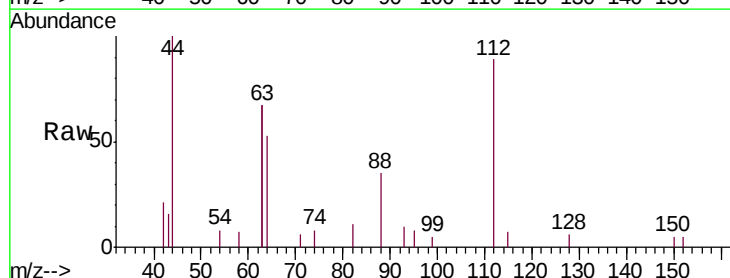
Tgt Ion: 112 Resp: 2001

Ion Ratio Lower Upper

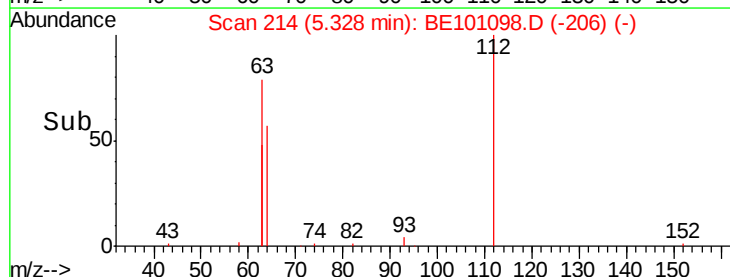
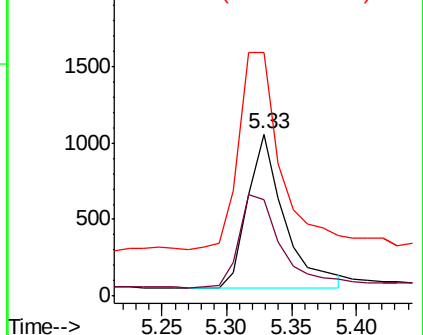
112 100

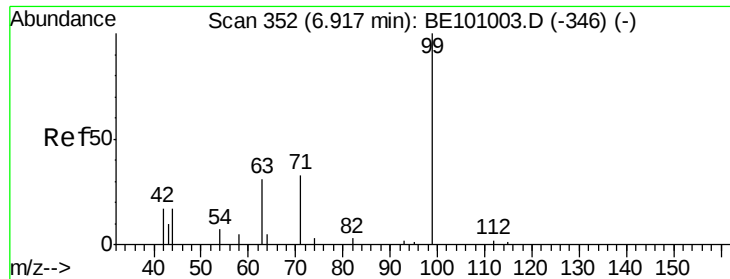
64 69.3 53.6 80.4

63 145.9 114.6 172.0



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: 0.345 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101098.D

Acq: 20 Jan 2020 12:15

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

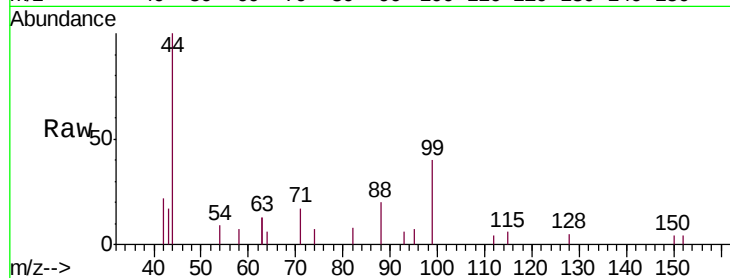
Tgt Ion: 99 Resp: 2110

Ion Ratio Lower Upper

99 100

42 23.2 18.3 27.5

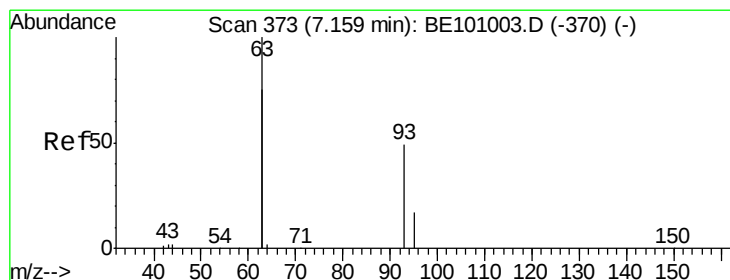
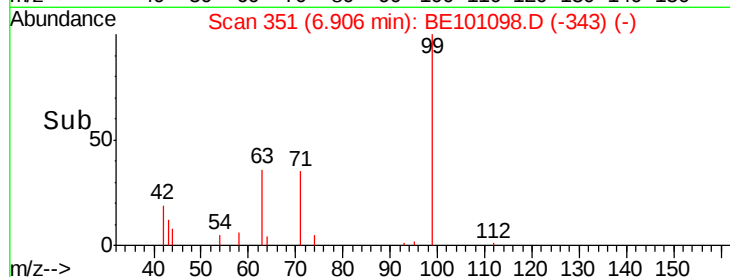
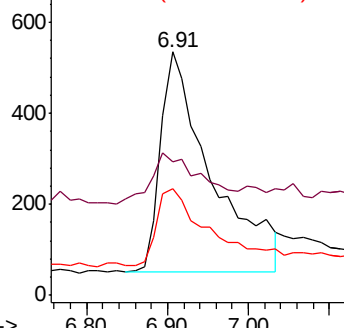
71 35.5 28.0 42.0



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: 0.316 ng

RT: 7.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: BE101098.D

Acq: 20 Jan 2020 12:15

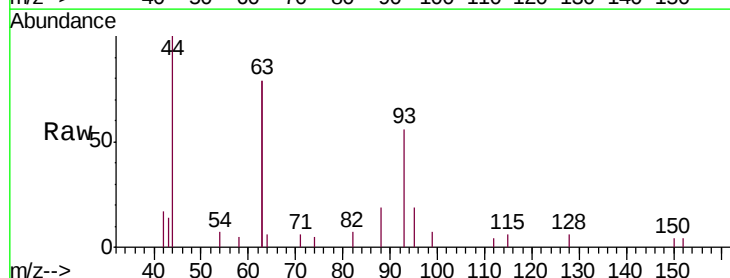
Tgt Ion: 93 Resp: 2304

Ion Ratio Lower Upper

93 100

63 308.6 233.9 350.9

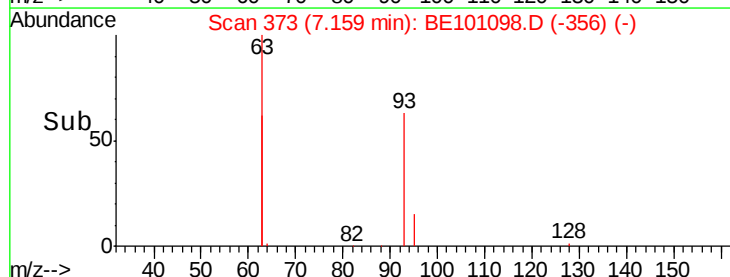
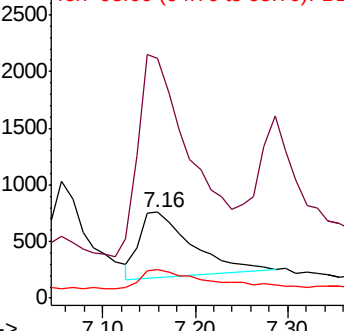
95 36.5 23.5 35.3#

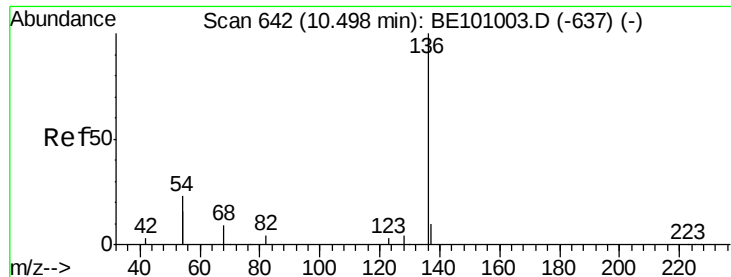


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: BE101098.D

Acq: 20 Jan 2020 12:15

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

Tgt Ion:136 Resp: 9579

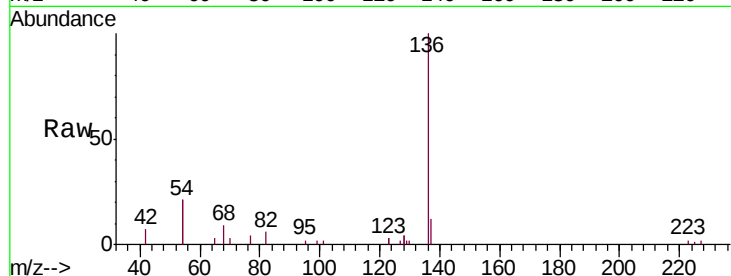
Ion Ratio Lower Upper

136 100

137 12.3 9.3 13.9

54 41.2 36.8 55.2

68 9.1 8.4 12.6

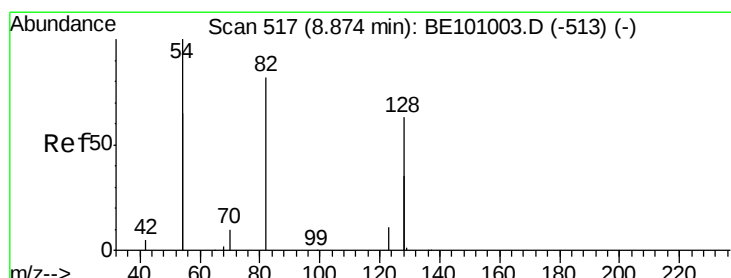
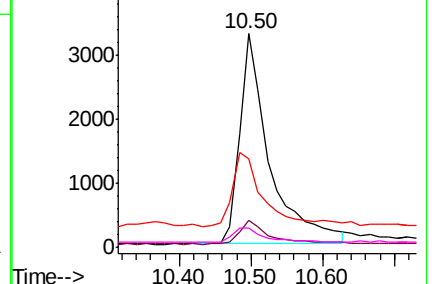
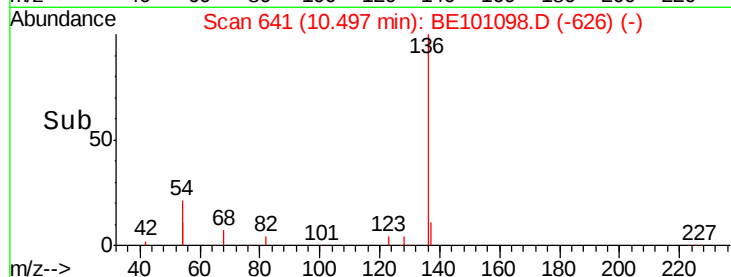


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.353 ng

RT: 8.87 min Scan# 516

Delta R.T. -0.00 min

Lab File: BE101098.D

Acq: 20 Jan 2020 12:15

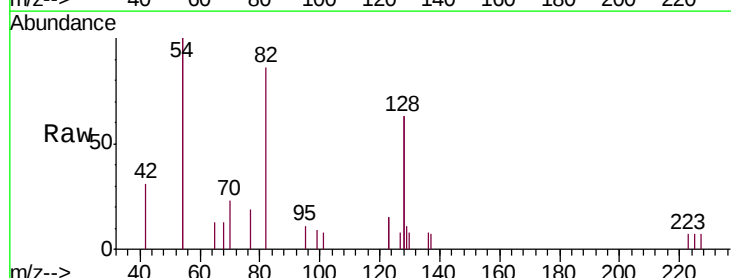
Tgt Ion: 82 Resp: 2419

Ion Ratio Lower Upper

82 100

128 147.7 109.8 164.6

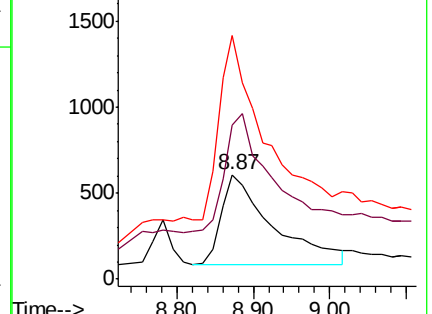
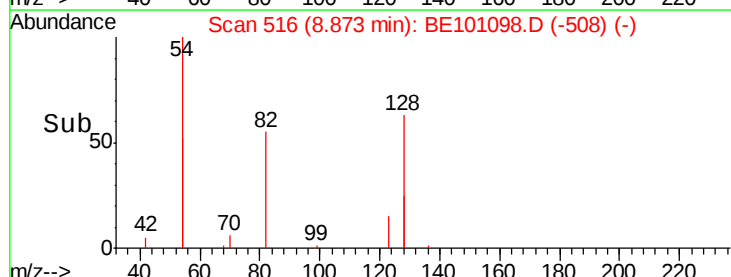
54 232.9 174.5 261.7

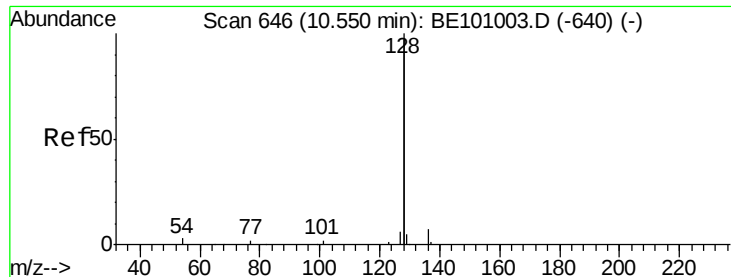


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.387 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE101098.D

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Instrument :

BNA_E

ClientSampleId :

PB126102BSD

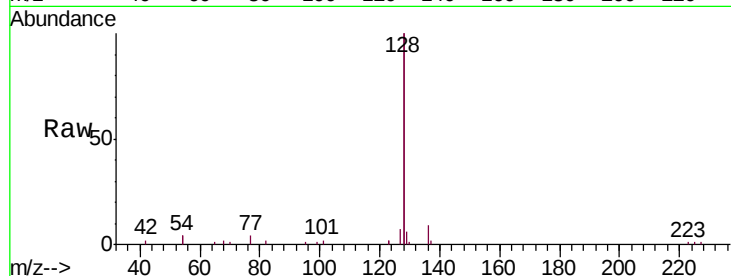
Tgt Ion:128 Resp: 41190

Ion Ratio Lower Upper

128 100

129 3.1 2.3 3.5

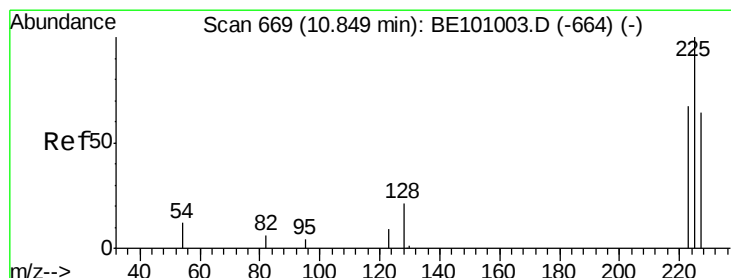
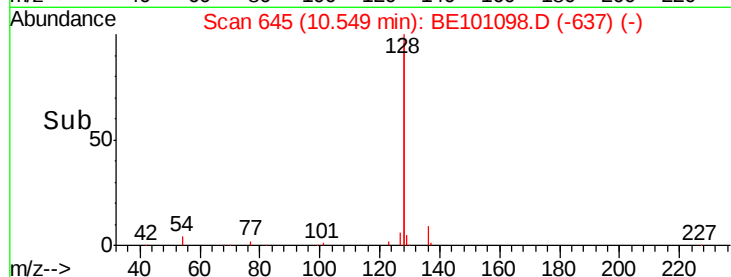
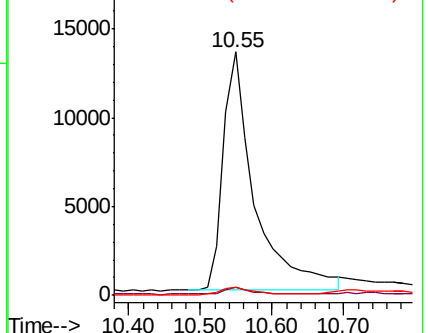
127 3.4 2.7 4.1



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: 0.440 ng

RT: 10.83 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE101098.D

Acq: 20 Jan 2020 12:15

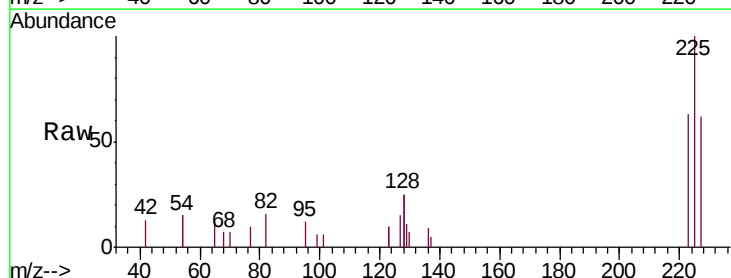
Tgt Ion:225 Resp: 1980

Ion Ratio Lower Upper

225 100

223 62.7 52.2 78.4

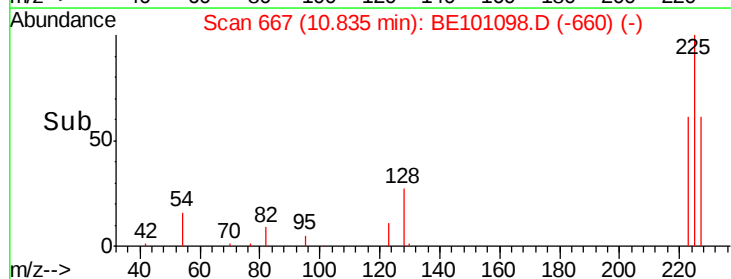
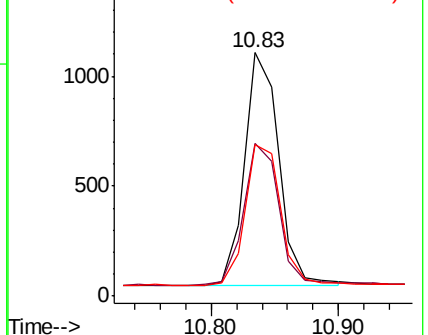
227 62.7 49.9 74.9

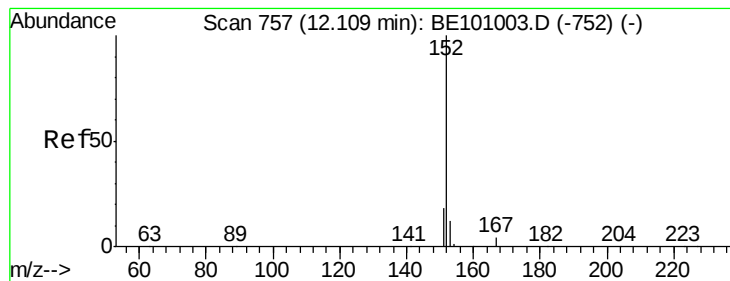


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.403 ng

RT: 12.11 min Scan# 756

Delta R.T. -0.00 min

Lab File: BE101098.D

Acq: 20 Jan 2020 12:15

Instrument :

BNA_E

ClientSampleId :

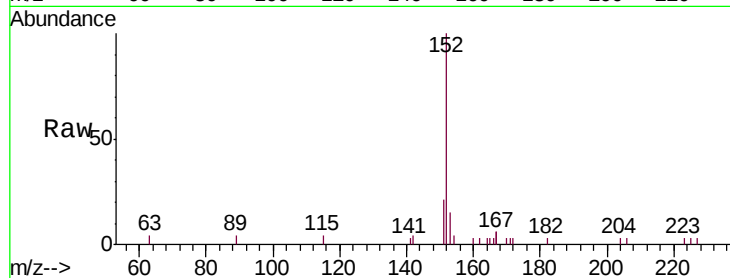
PB126102BSD

Tgt Ion:152 Resp: 7360

Ion Ratio Lower Upper

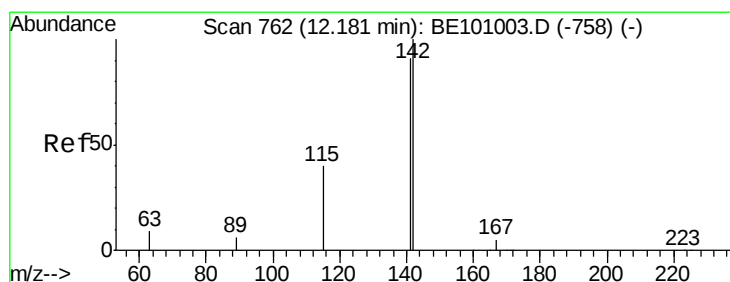
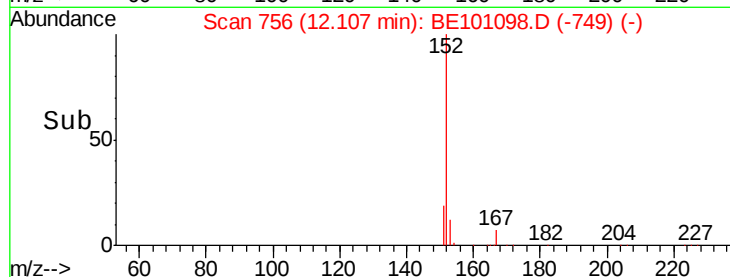
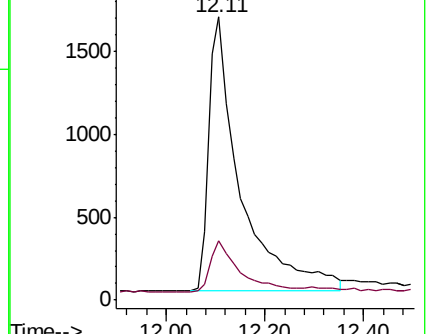
152 100

151 17.2 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.368 ng

RT: 12.18 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE101098.D

Acq: 20 Jan 2020 12:15

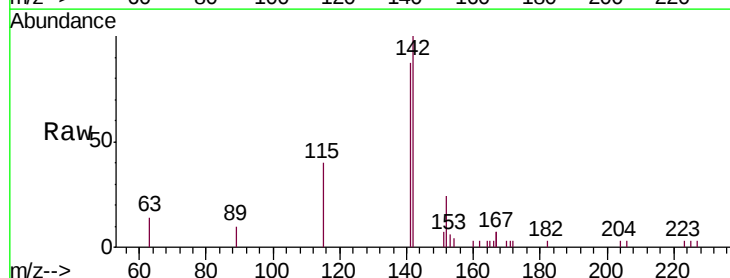
Tgt Ion:142 Resp: 5926

Ion Ratio Lower Upper

142 100

141 86.8 72.5 108.7

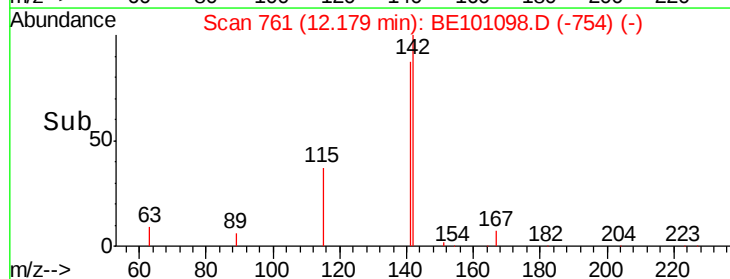
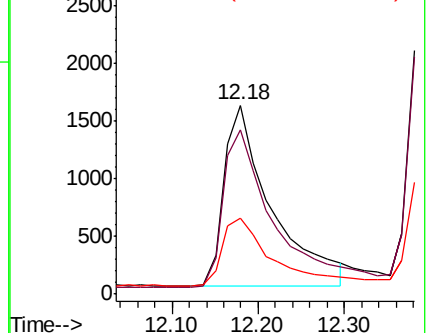
115 40.3 33.0 49.6

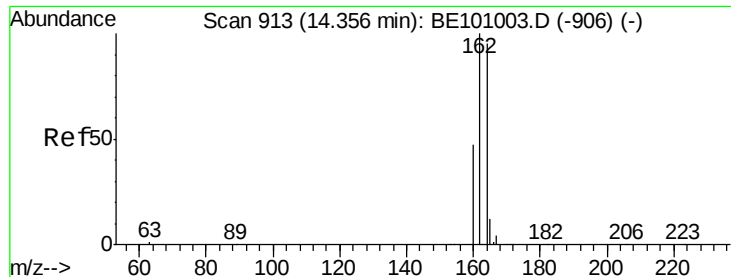


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

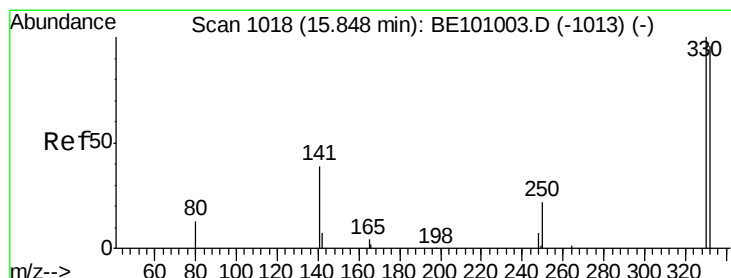
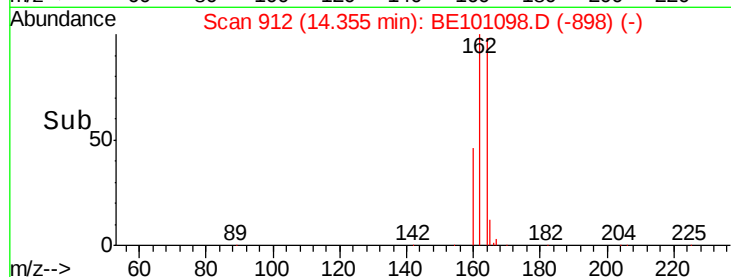
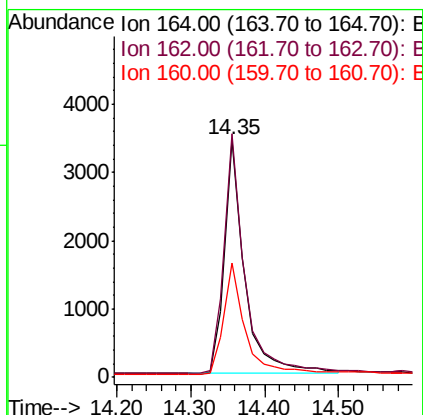
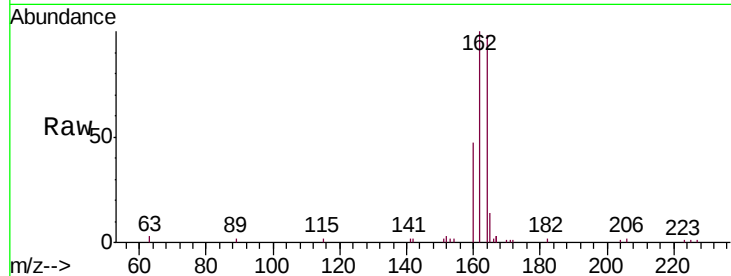




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.35 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BE101098.D
 Acq: 20 Jan 2020 12:15

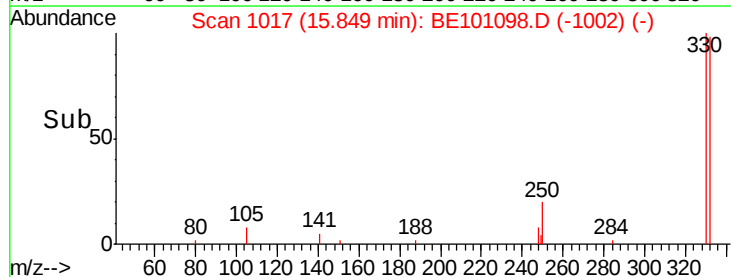
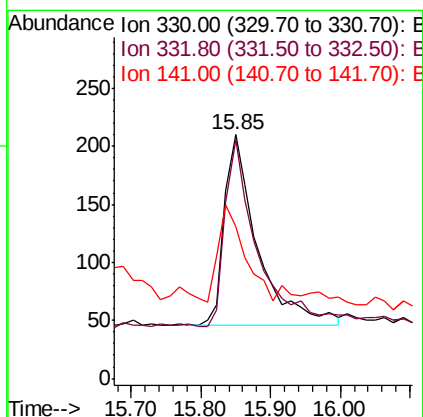
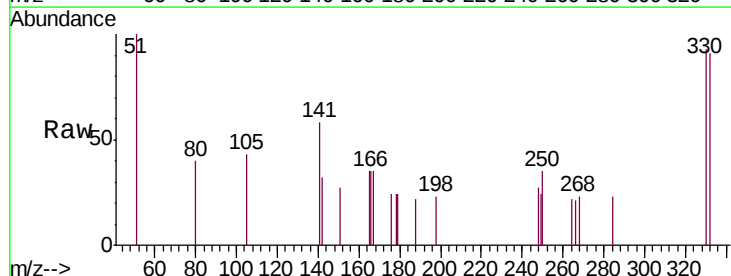
Instrument :
 BNA_E
 ClientSampleId :
 PB126102BSD

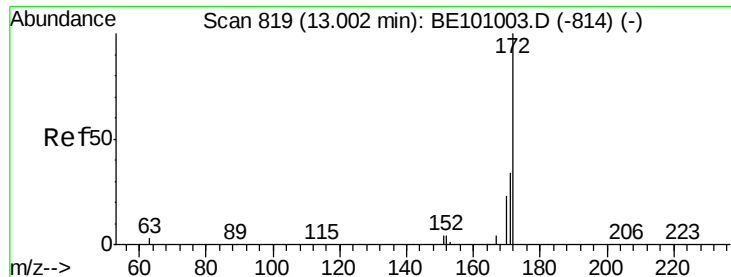
Tgt Ion:164 Resp: 6578
 Ion Ratio Lower Upper
 164 100
 162 102.4 84.1 126.1
 160 48.3 40.4 60.6



#14
 2,4,6-Tribromophenol
 Concen: 0.289 ng
 RT: 15.85 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BE101098.D
 Acq: 20 Jan 2020 12:15

Tgt Ion:330 Resp: 537
 Ion Ratio Lower Upper
 330 100
 332 97.8 78.4 117.6
 141 40.2 37.0 55.4

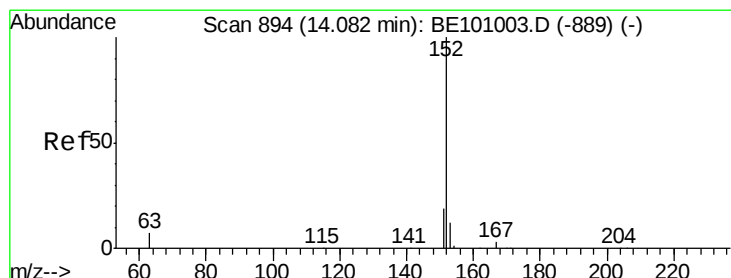
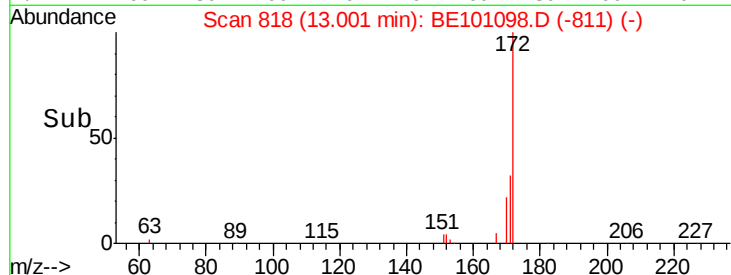
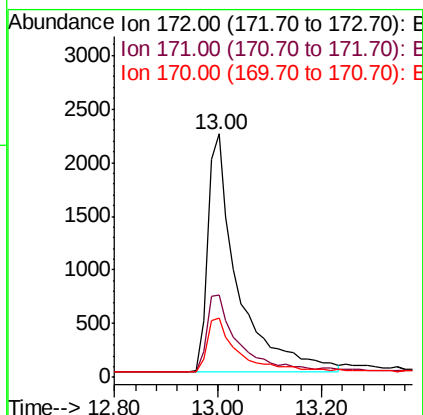
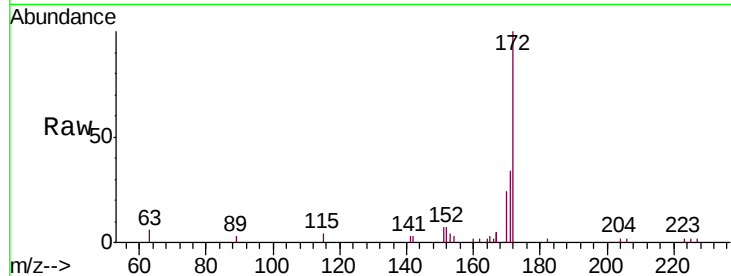




#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE101098.D
Acq: 20 Jan 2020 12:15

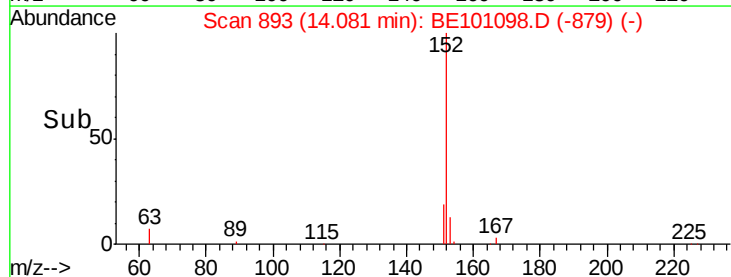
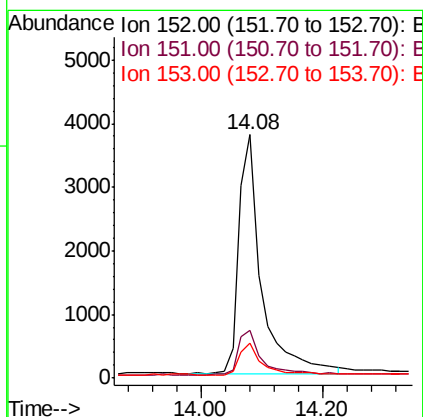
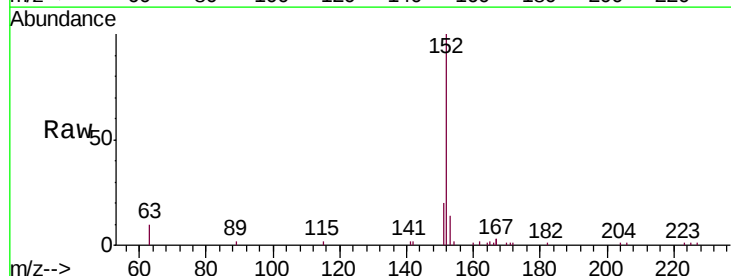
Instrument :
BNA_E
ClientSampleId :
PB126102BSD

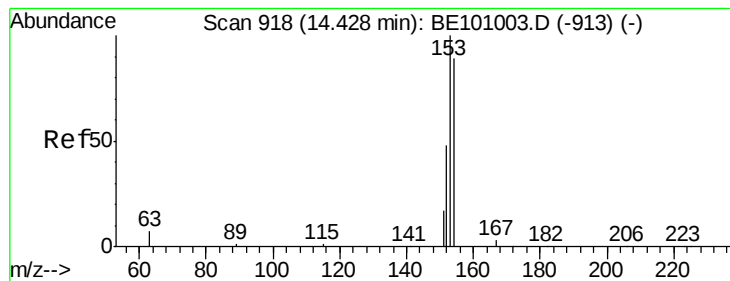
Tgt Ion:172 Resp: 8995
Ion Ratio Lower Upper
172 100
171 33.9 28.2 42.2
170 24.2 18.9 28.3



#16
Acenaphthylene
Concen: 0.362 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101098.D
Acq: 20 Jan 2020 12:15

Tgt Ion:152 Resp: 9707
Ion Ratio Lower Upper
152 100
151 19.9 15.5 23.3
153 13.1 10.4 15.6





#17

Acenaphthene

Concen: 0.375 ng

RT: 14.41 min Scan# 916

Delta R.T. -0.02 min

Lab File: BE101098.D

Acq: 20 Jan 2020 12:15

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

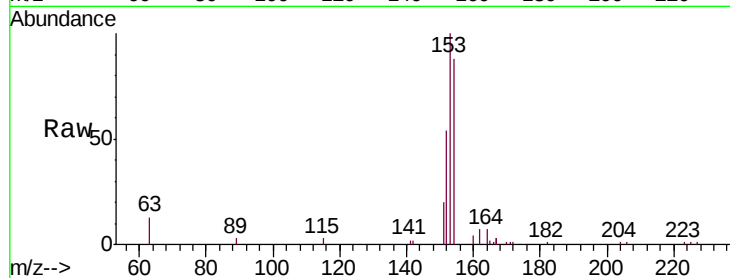
Tgt Ion:154 Resp: 7184

Ion Ratio Lower Upper

154 100

153 114.3 93.6 140.4

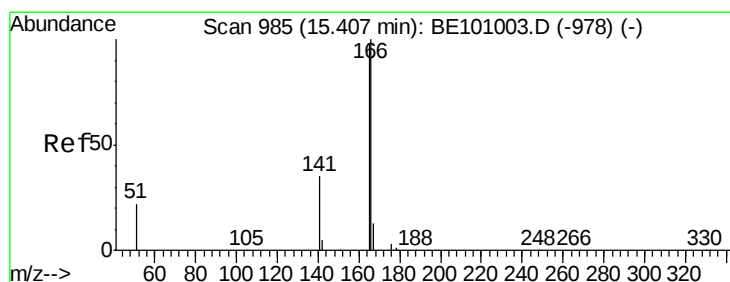
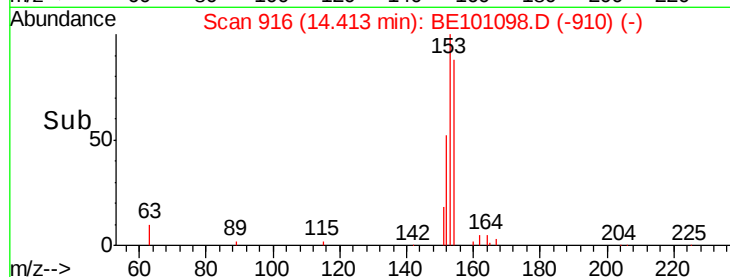
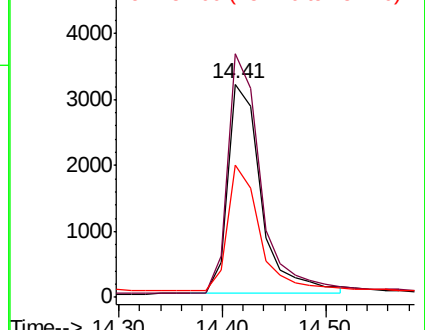
152 57.9 46.3 69.5



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: 0.381 ng

RT: 15.39 min Scan# 983

Delta R.T. -0.01 min

Lab File: BE101098.D

Acq: 20 Jan 2020 12:15

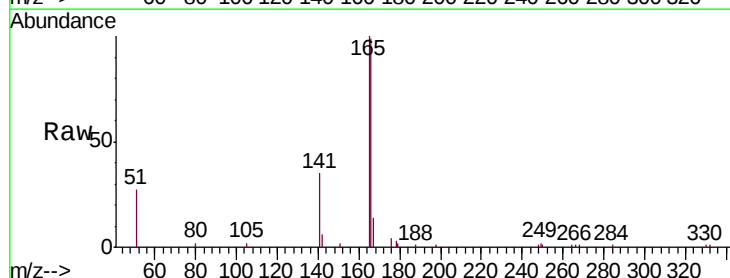
Tgt Ion:166 Resp: 9226

Ion Ratio Lower Upper

166 100

165 99.0 79.8 119.8

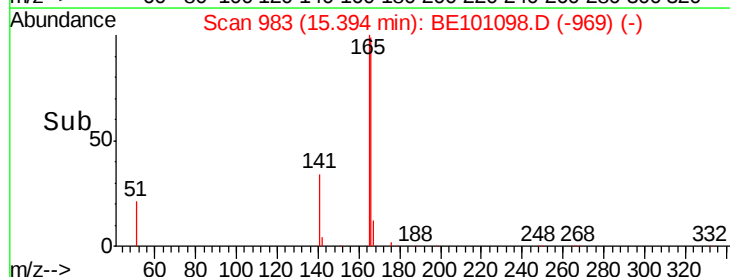
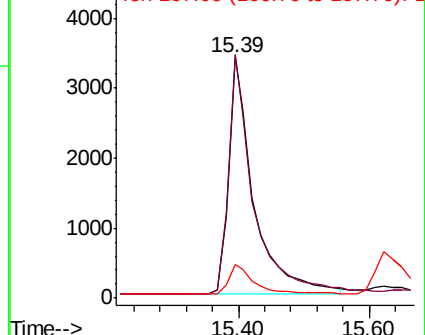
167 13.3 11.0 16.6

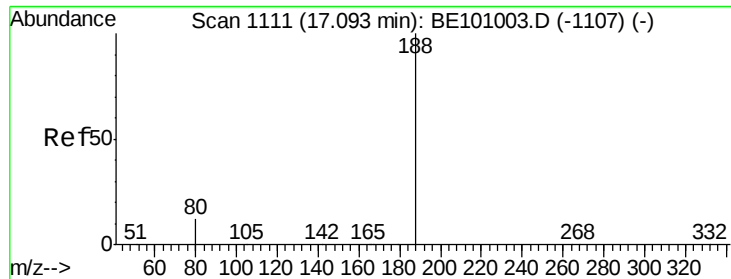


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE101098.D

Acq: 20 Jan 2020 12:15

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

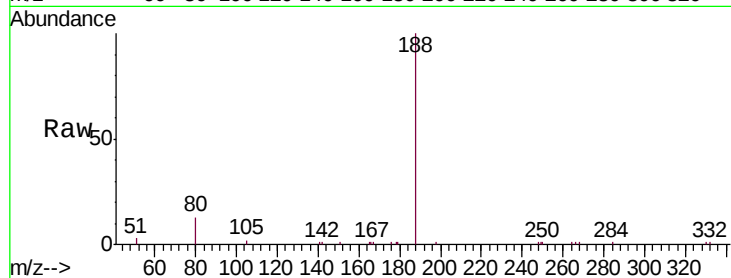
Tgt Ion:188 Resp: 16009

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

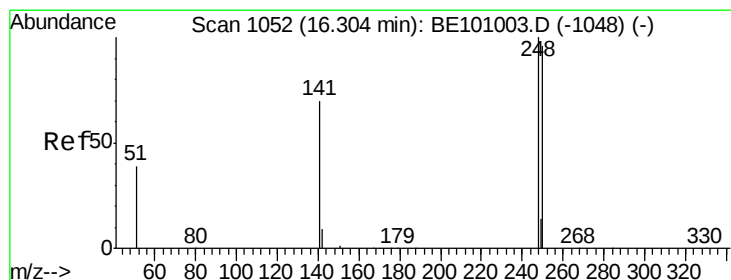
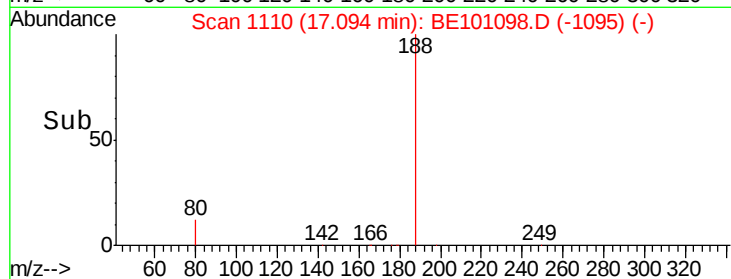
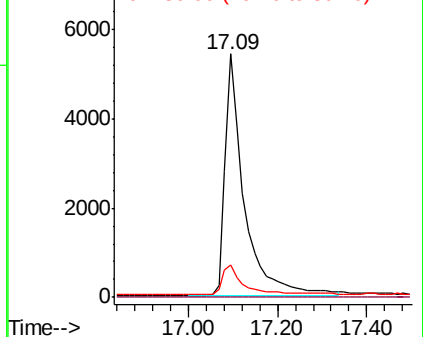
80 13.3 10.8 16.2



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: 0.344 ng

RT: 16.29 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BE101098.D

Acq: 20 Jan 2020 12:15

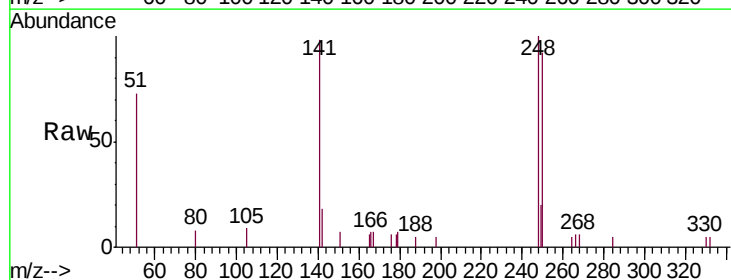
Tgt Ion:248 Resp: 2683

Ion Ratio Lower Upper

248 100

250 92.3 76.6 115.0

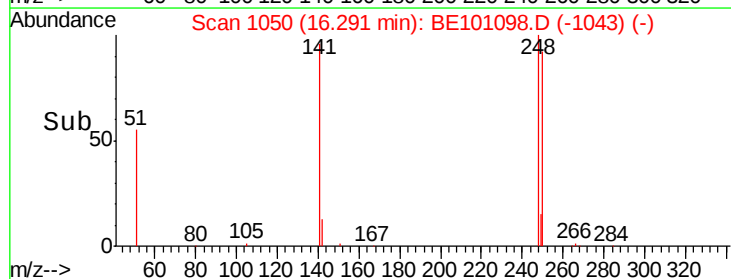
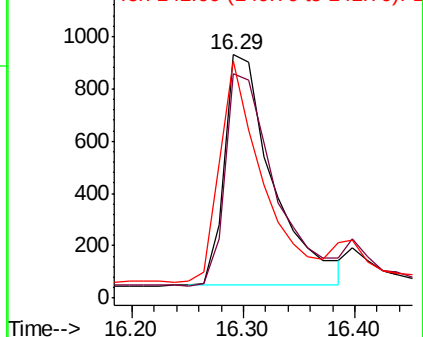
141 97.6 57.7 86.5#

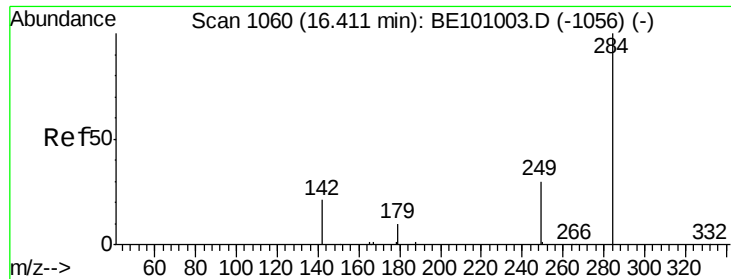


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

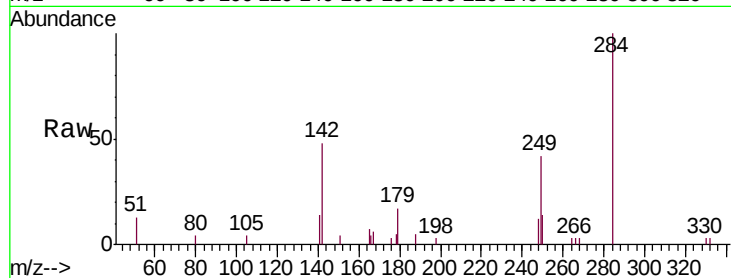




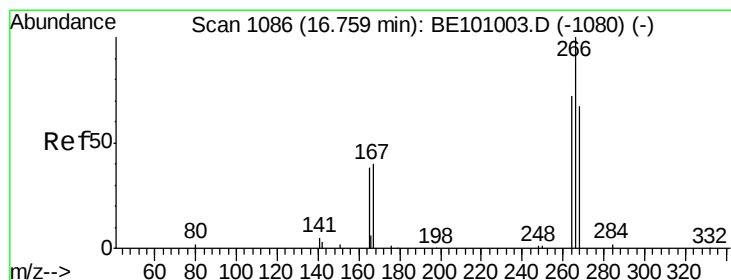
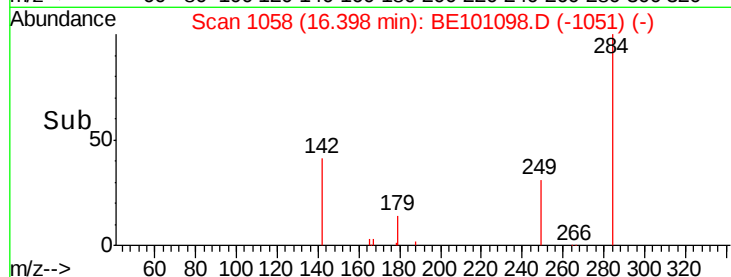
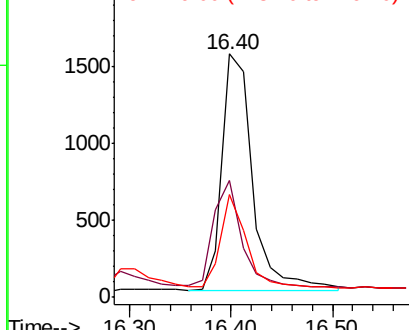
#21
Hexachlorobenzene
Concen: 0.377 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE101098.D
Acq: 20 Jan 2020 12:15

Instrument :
BNA_E
ClientSampleId :
PB126102BSD

Tgt Ion: 284 Resp: 3226
Ion Ratio Lower Upper
284 100
142 41.2 34.0 51.0
249 34.3 28.2 42.4

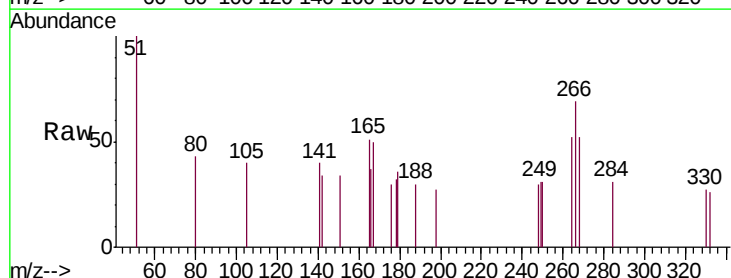


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

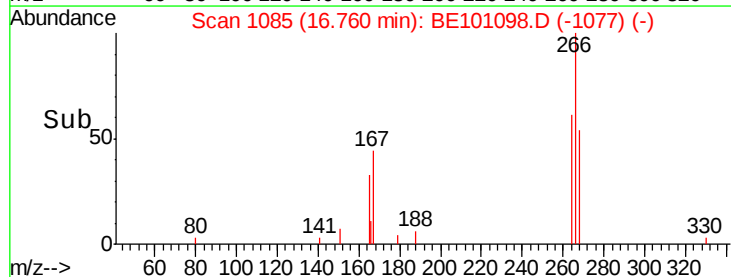
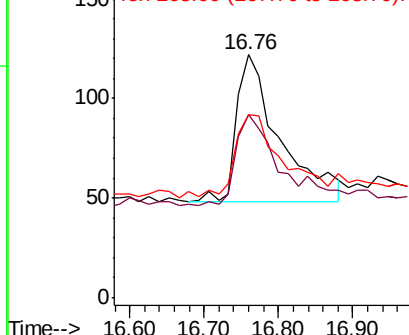


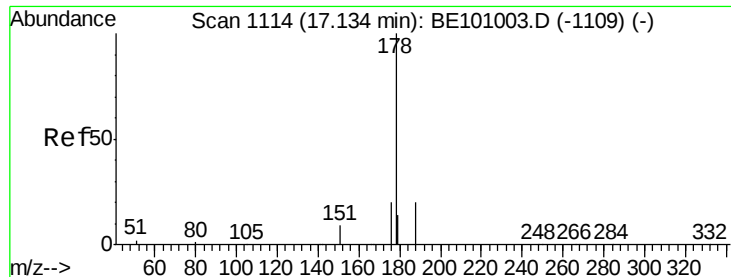
#22
Pentachlorophenol
Concen: 0.349 ng
RT: 16.76 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BE101098.D
Acq: 20 Jan 2020 12:15

Tgt Ion: 266 Resp: 298
Ion Ratio Lower Upper
266 100
264 75.4 61.0 91.4
268 75.4 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: 0.363 ng

RT: 17.13 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE101098.D

Acq: 20 Jan 2020 12:15

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

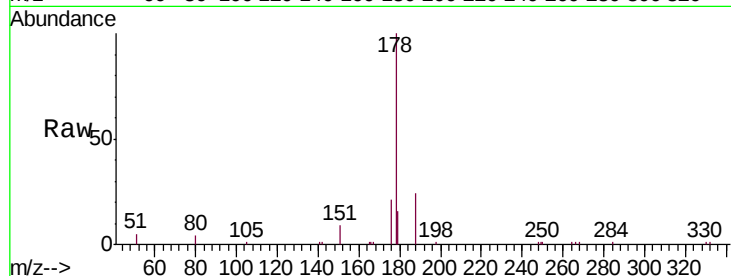
Tgt Ion:178 Resp: 15882

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

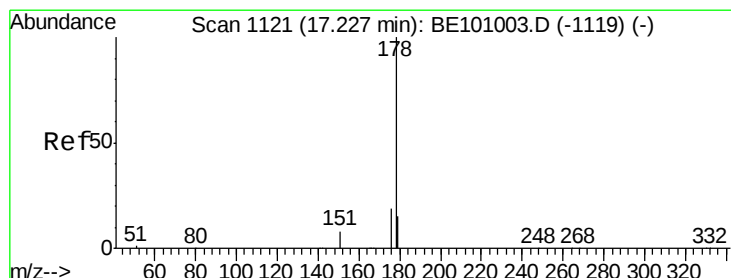
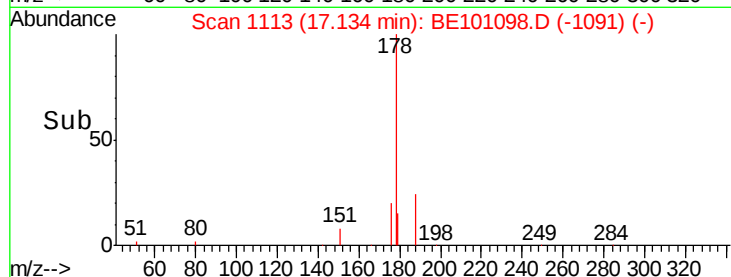
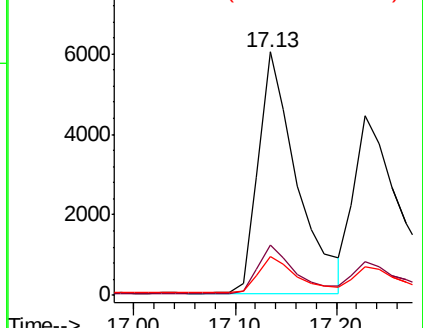
179 15.3 12.0 18.0



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



#24

Anthracene

Concen: 0.376 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE101098.D

Acq: 20 Jan 2020 12:15

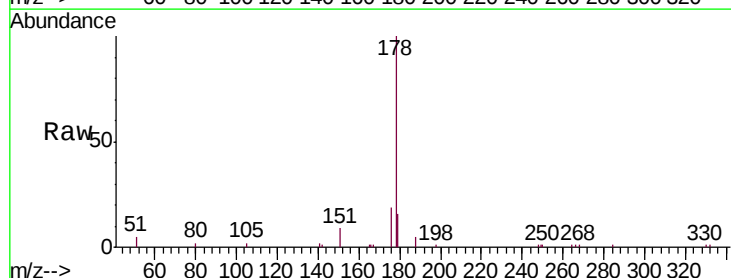
Tgt Ion:178 Resp: 15502

Ion Ratio Lower Upper

178 100

176 17.2 14.8 22.2

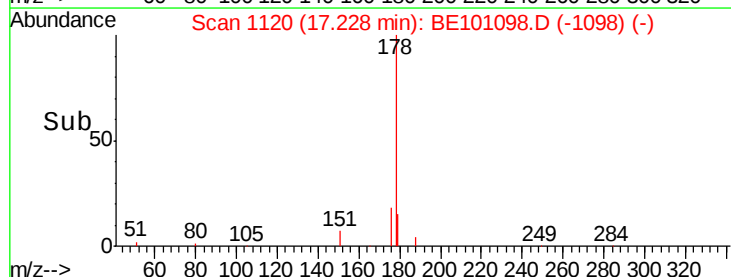
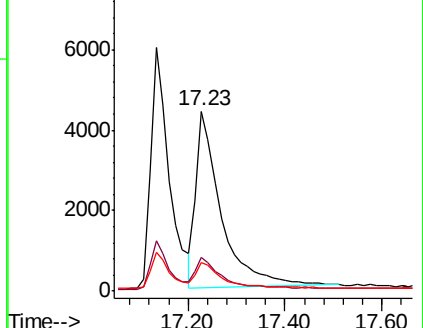
179 15.3 12.4 18.6

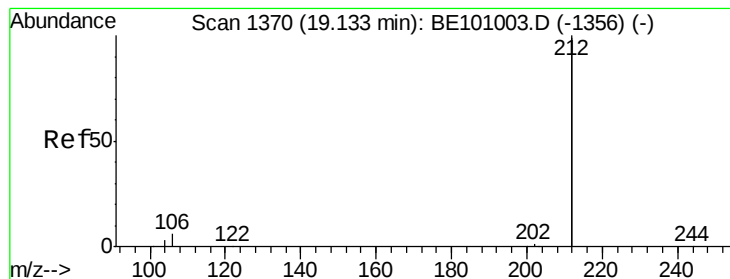


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.402 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BE101098.D

Acq: 20 Jan 2020 12:15

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

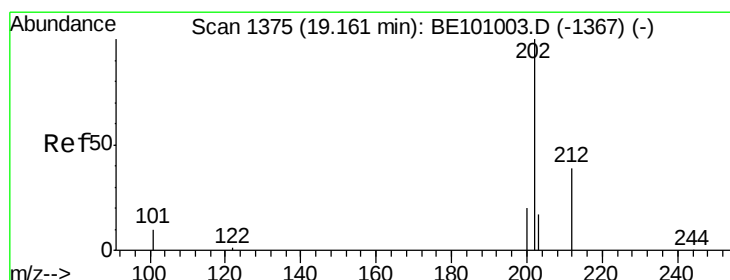
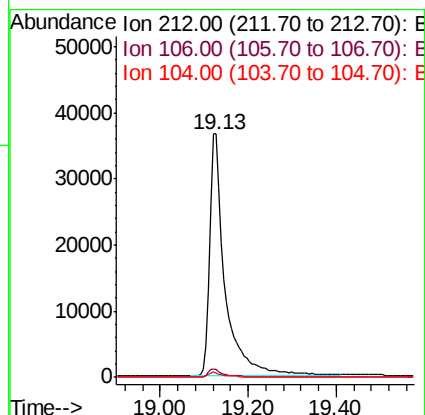
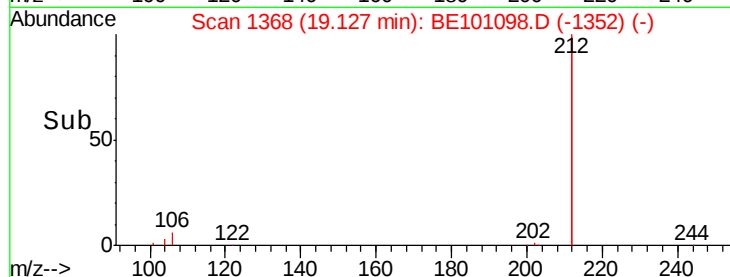
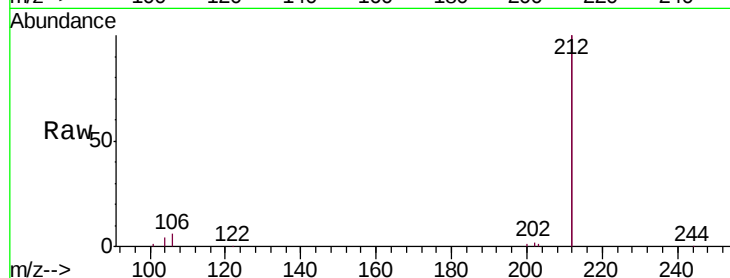
Tgt Ion:212 Resp: 89405

Ion Ratio Lower Upper

212 100

106 3.2 2.6 3.8

104 1.9 1.4 2.0



#26

Fluoranthene

Concen: 0.395 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE101098.D

Acq: 20 Jan 2020 12:15

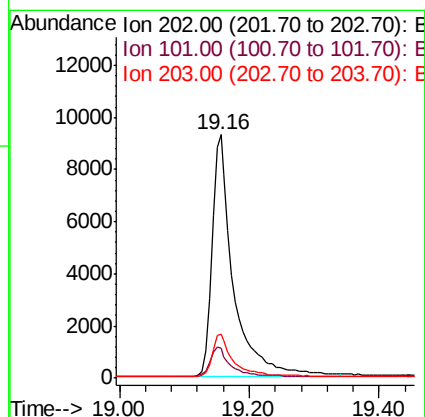
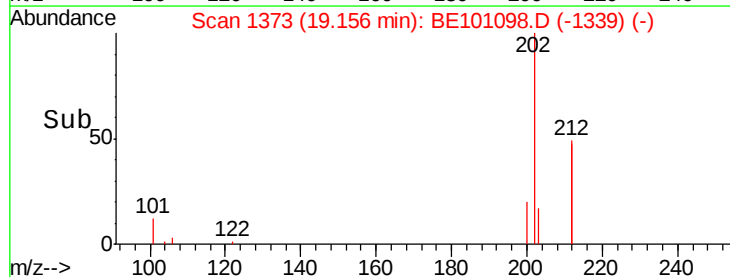
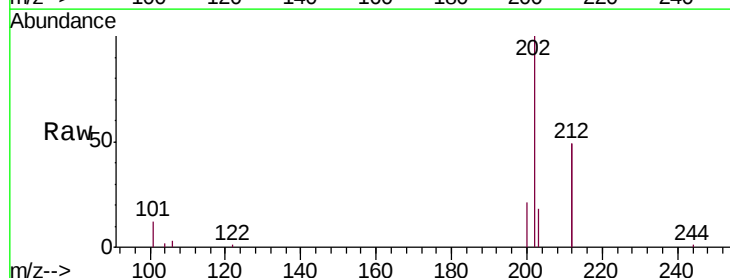
Tgt Ion:202 Resp: 21621

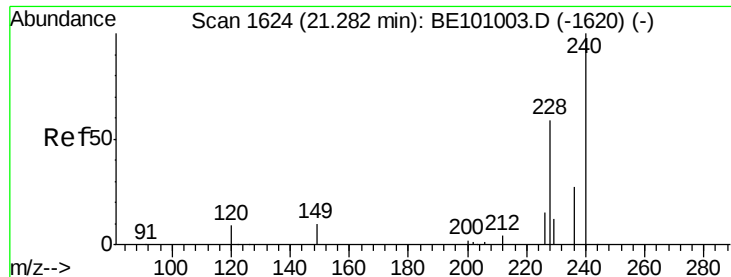
Ion Ratio Lower Upper

202 100

101 11.6 9.6 14.4

203 17.0 13.8 20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE101098.D

Acq: 20 Jan 2020 12:15

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

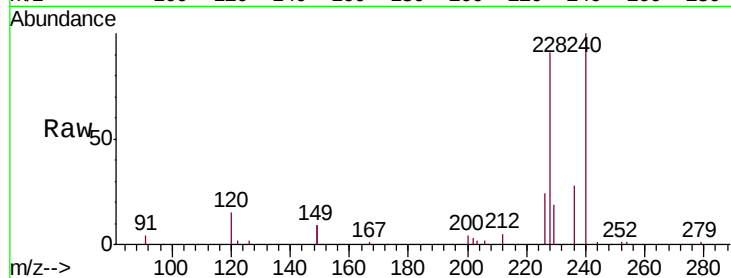
Tgt Ion:240 Resp: 16660

Ion Ratio Lower Upper

240 100

120 14.7 8.6 13.0#

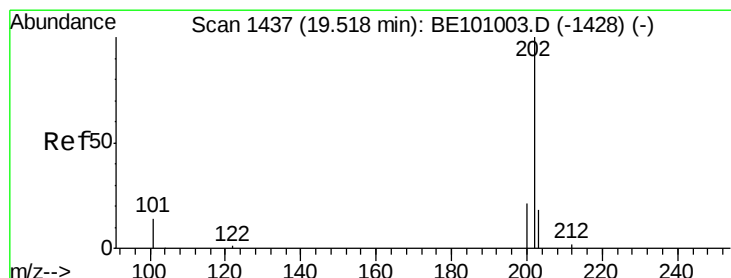
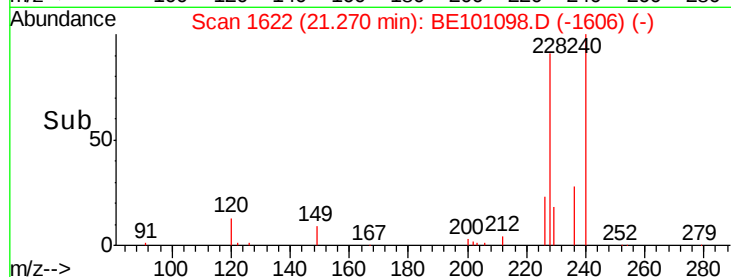
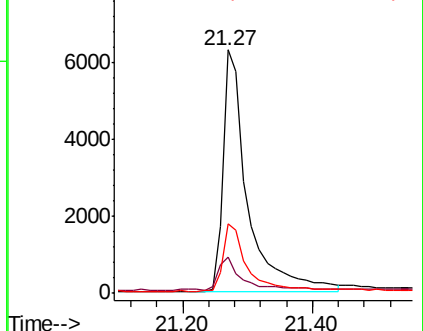
236 28.4 22.2 33.4



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: 0.357 ng

RT: 19.52 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BE101098.D

Acq: 20 Jan 2020 12:15

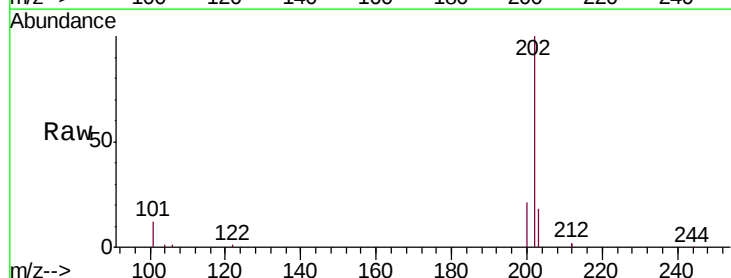
Tgt Ion:202 Resp: 22169

Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.4

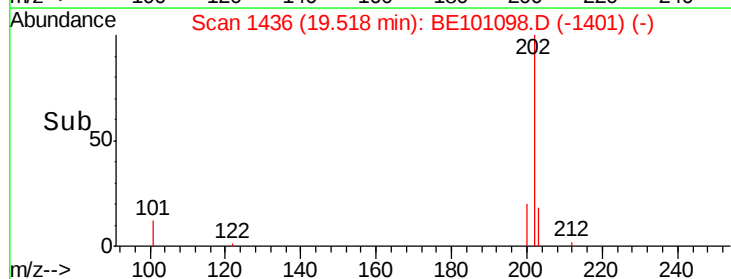
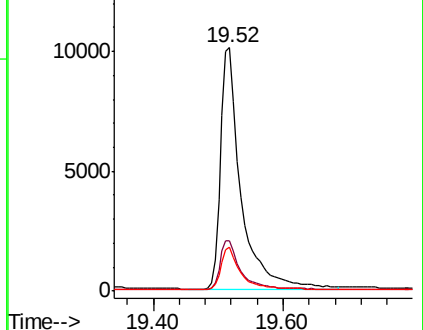
203 17.2 13.8 20.6

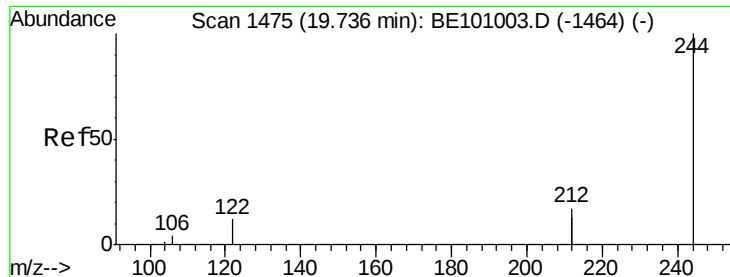


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.372 ng

RT: 19.74 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BE101098.D

Acq: 20 Jan 2020 12:15

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

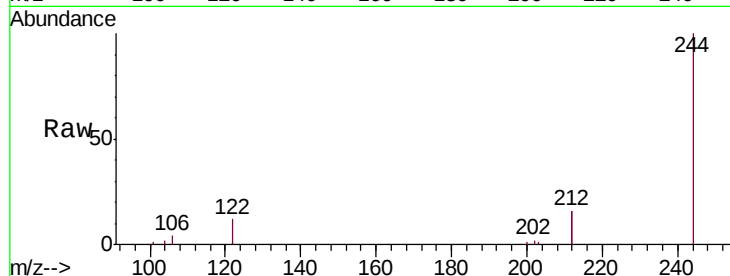
Tgt Ion:244 Resp: 15231

Ion Ratio Lower Upper

244 100

212 32.7 27.2 40.8

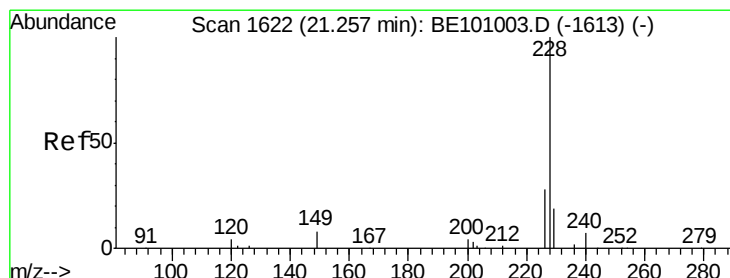
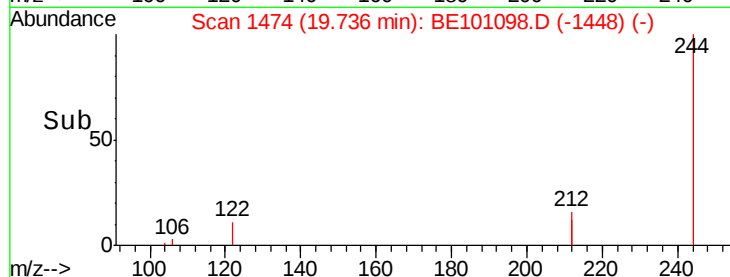
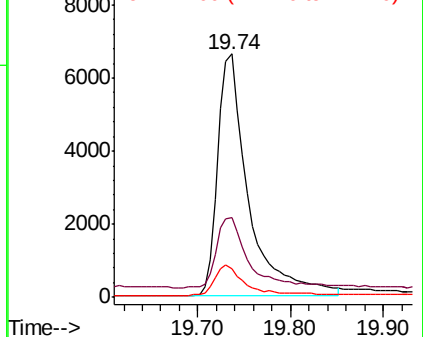
122 11.9 9.8 14.8



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: 0.340 ng

RT: 21.26 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BE101098.D

Acq: 20 Jan 2020 12:15

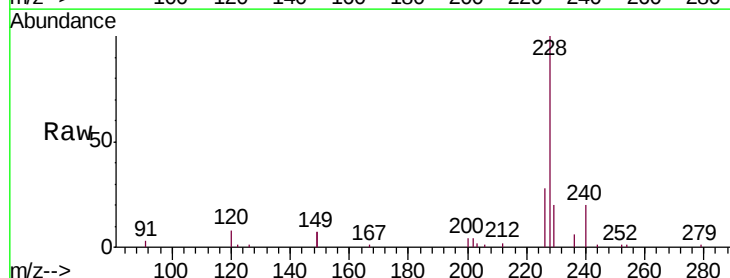
Tgt Ion:228 Resp: 16185

Ion Ratio Lower Upper

228 100

226 28.3 22.7 34.1

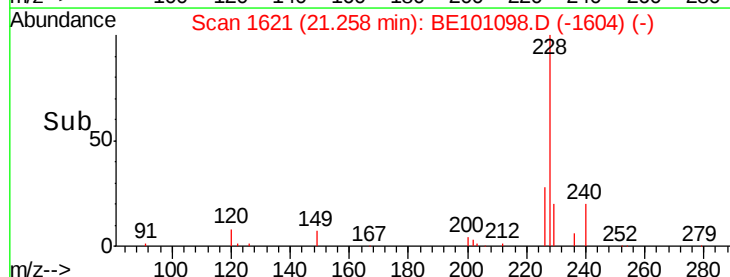
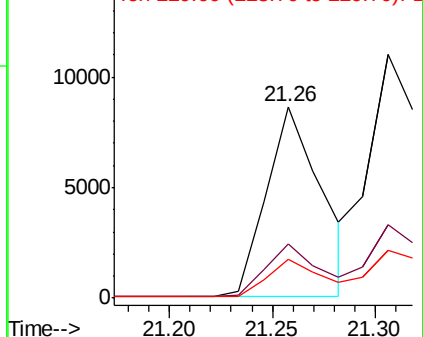
229 20.2 15.5 23.3

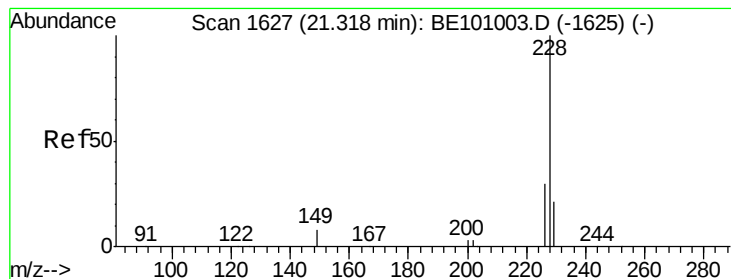


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.403 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE101098.D

Acq: 20 Jan 2020 12:15

Instrument :

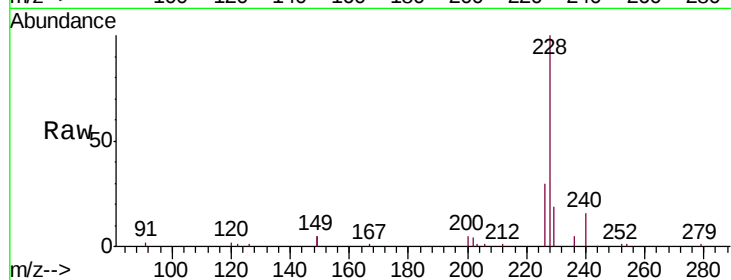
BNA_E

ClientSampleId :

PB126102BSD

Tgt Ion:228 Resp: 28497

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.5	35.3
229	19.5	16.7	25.1

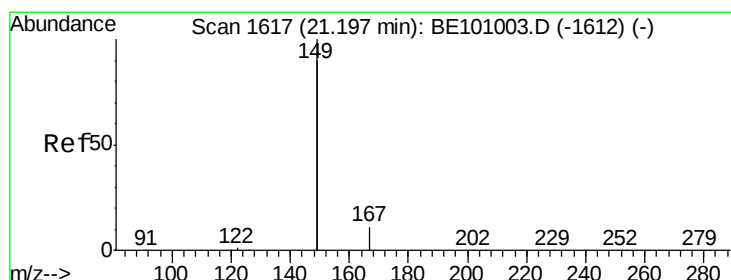
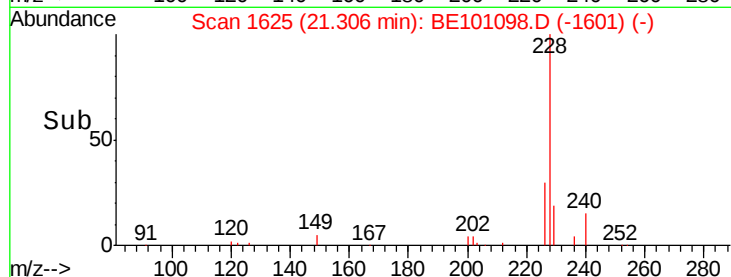
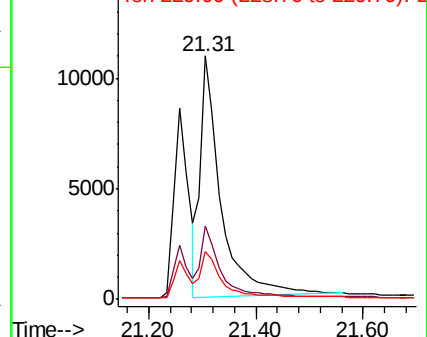


Abundance

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: 0.286 ng

RT: 21.20 min Scan# 1616

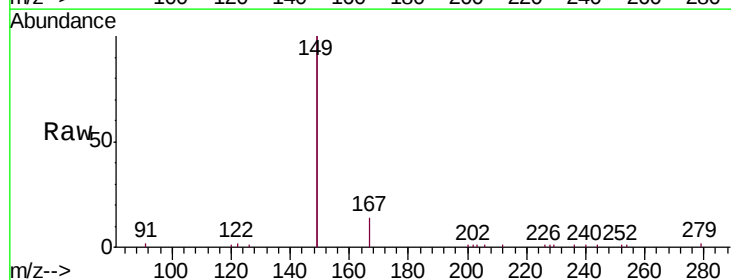
Delta R.T. 0.00 min

Lab File: BE101098.D

Acq: 20 Jan 2020 12:15

Tgt Ion:149 Resp: 22656

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.2	7.8
279	0.9	0.8	1.2

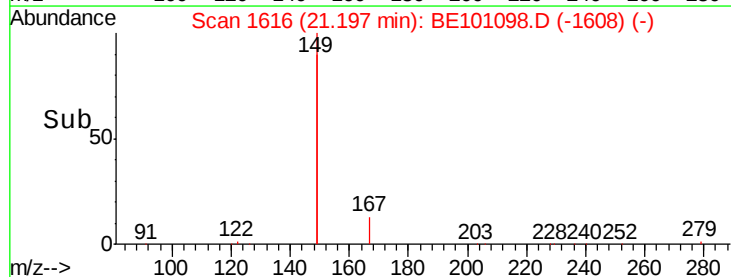
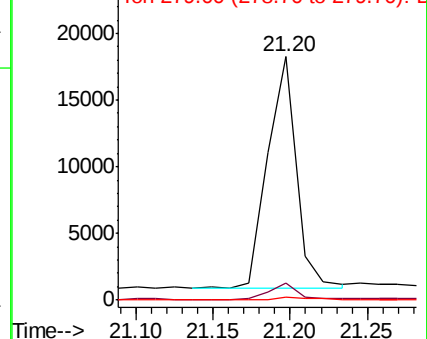


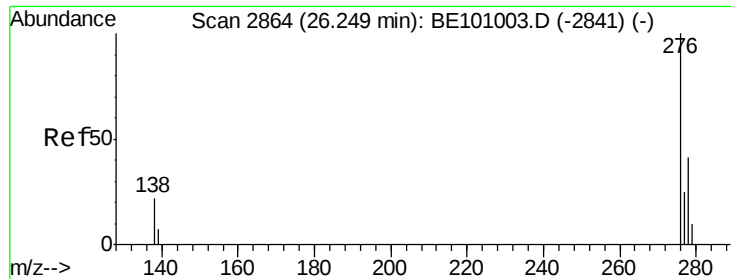
Abundance

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: 0.368 ng

RT: 26.24 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BE101098.D

Acq: 20 Jan 2020 12:15

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

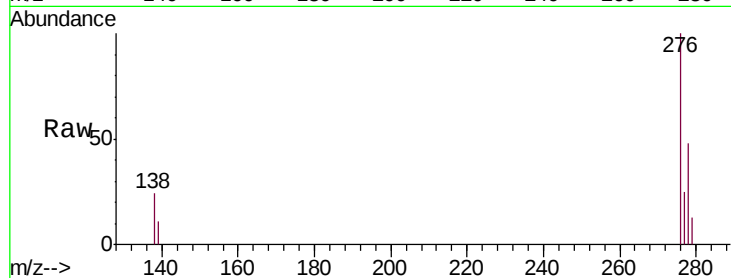
Tgt Ion:276 Resp: 20530

Ion Ratio Lower Upper

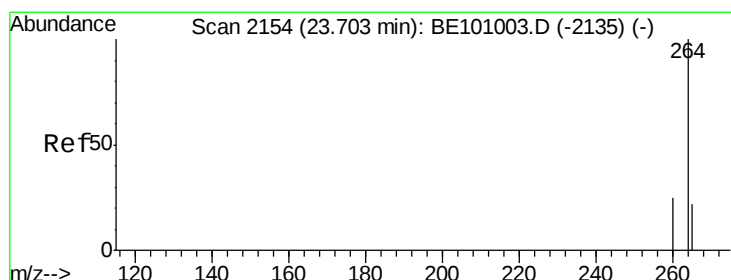
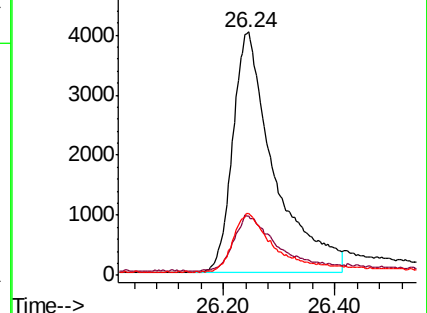
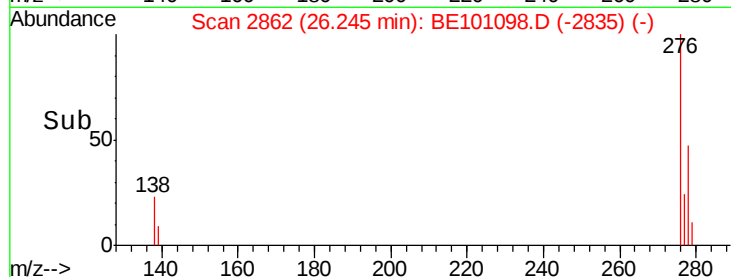
276 100

138 23.3 16.1 24.1

277 23.6 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: BE101098.D

Acq: 20 Jan 2020 12:15

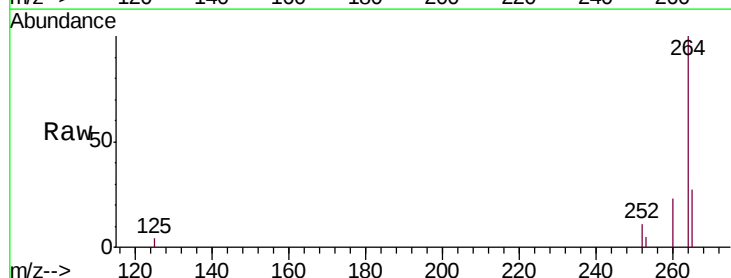
Tgt Ion:264 Resp: 16796

Ion Ratio Lower Upper

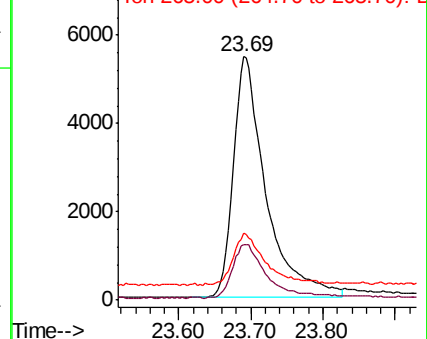
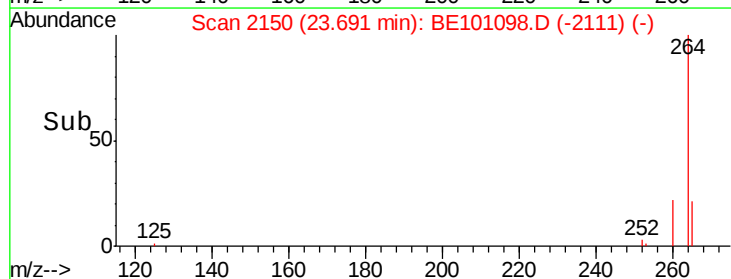
264 100

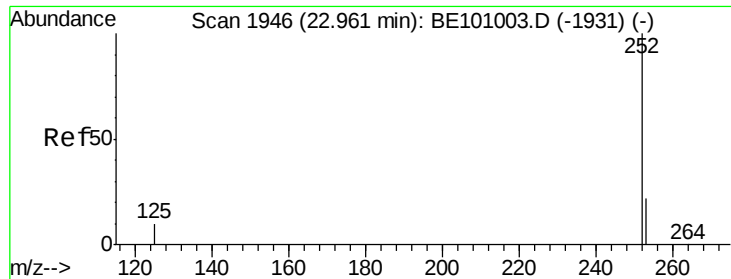
260 23.0 20.3 30.5

265 27.4 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: 0.336 ng

RT: 22.95 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BE101098.D

Acq: 20 Jan 2020 12:15

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

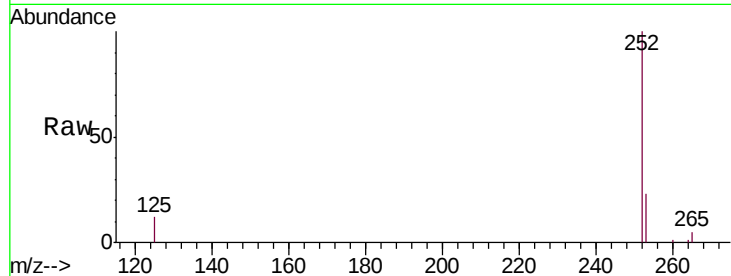
Tgt Ion:252 Resp: 15835

Ion Ratio Lower Upper

252 100

253 23.1 18.5 27.7

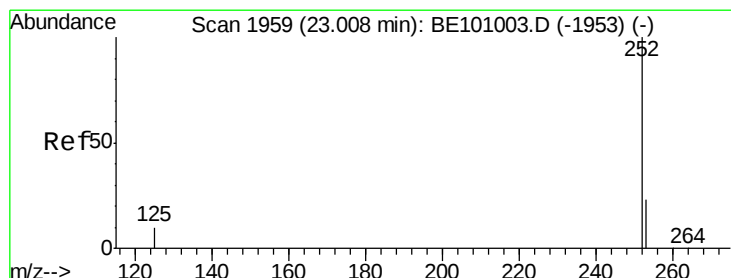
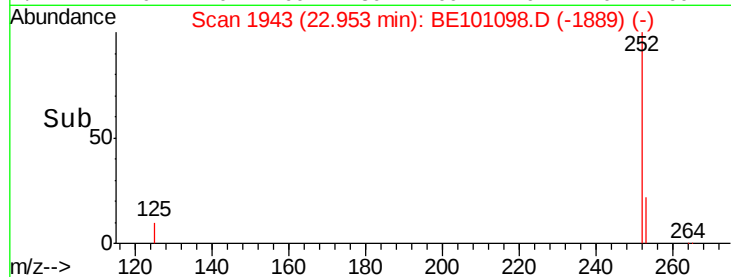
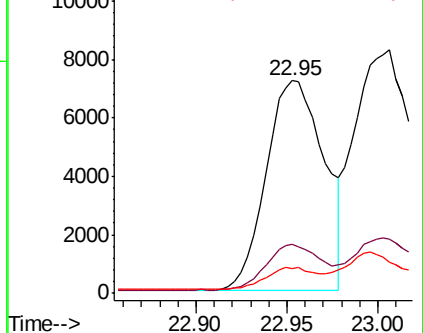
125 11.6 9.5 14.3



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: 0.348 ng

RT: 23.01 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BE101098.D

Acq: 20 Jan 2020 12:15

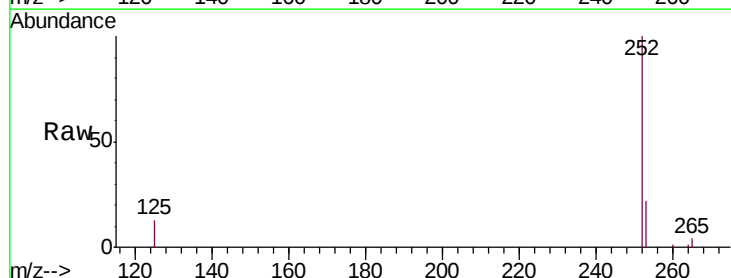
Tgt Ion:252 Resp: 23767

Ion Ratio Lower Upper

252 100

253 22.4 18.9 28.3

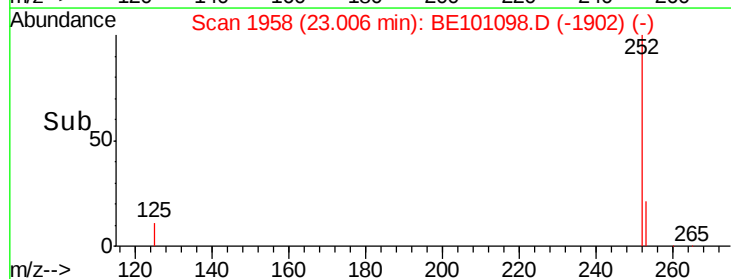
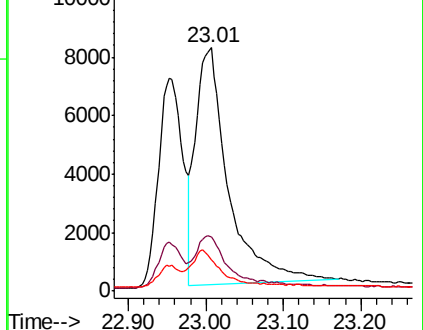
125 12.9 10.1 15.1

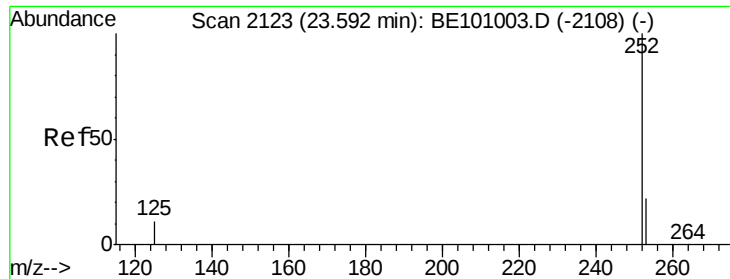


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.374 ng

RT: 23.59 min Scan# 2121

Delta R.T. -0.00 min

Lab File: BE101098.D

Acq: 20 Jan 2020 12:15

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

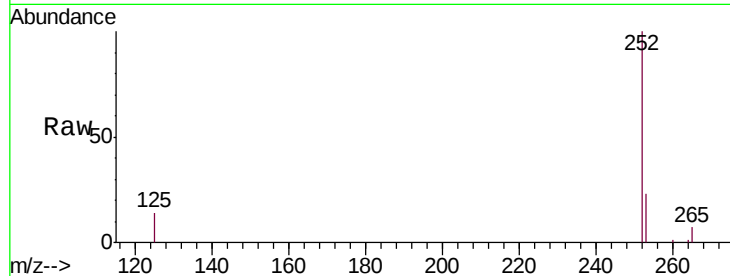
Tgt Ion:252 Resp: 17039

Ion Ratio Lower Upper

252 100

253 23.4 19.4 29.2

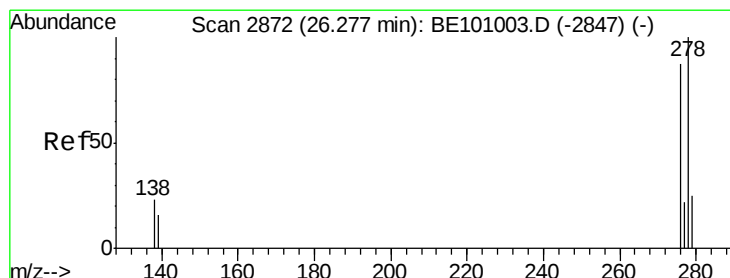
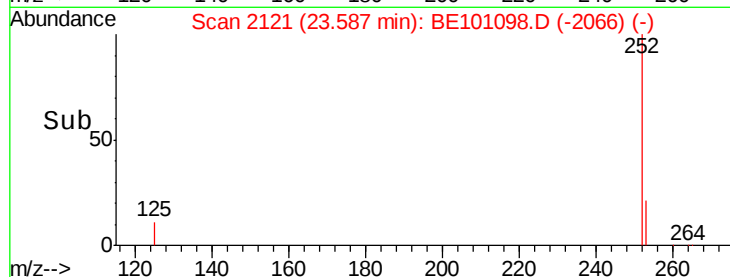
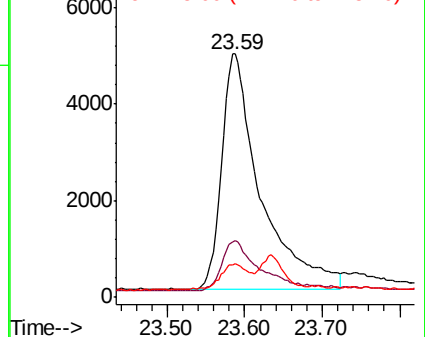
125 14.0 11.8 17.6



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: 0.360 ng

RT: 26.27 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BE101098.D

Acq: 20 Jan 2020 12:15

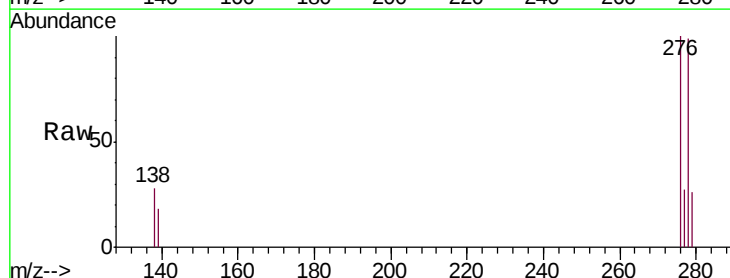
Tgt Ion:278 Resp: 15103

Ion Ratio Lower Upper

278 100

139 18.1 15.0 22.4

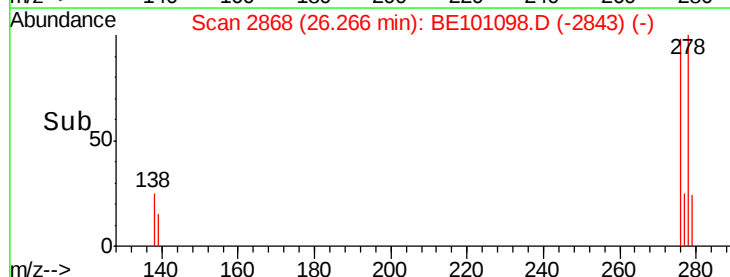
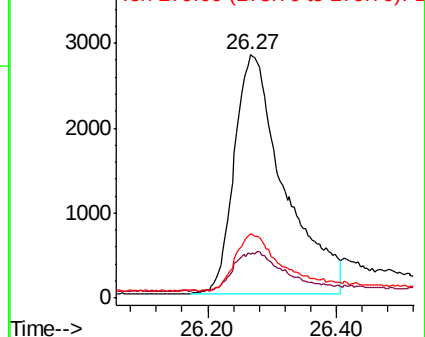
279 26.6 22.6 33.8

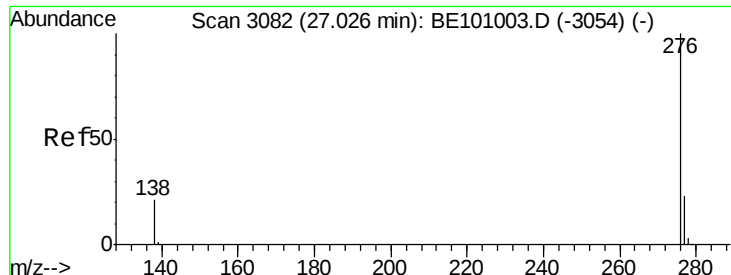


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.358 ng

RT: 27.02 min Scan# 3079

Delta R.T. -0.01 min

Lab File: BE101098.D

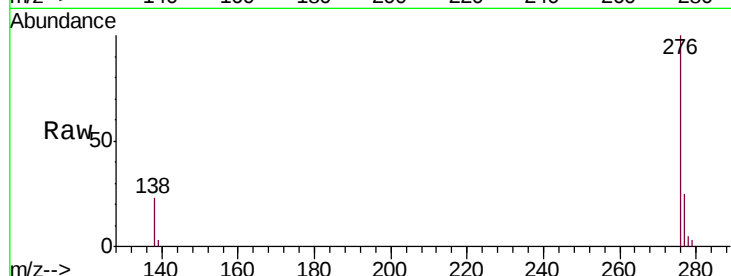
Acq: 20 Jan 2020 12:15

Instrument :

BNA_E

ClientSampleId :

PB126102BSD



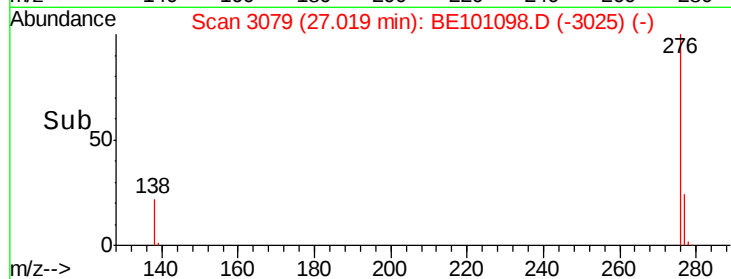
Tgt Ion: 276 Resp: 18432

Ion Ratio Lower Upper

276 100

277 25.5 19.4 29.2

138 23.1 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

