

Data File : BE101086.D
Acq On : 17 Jan 2020 15:53
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jan 17 23:19:51 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	7.73	152	1549	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	7273	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	5673	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	16655	0.40	ng	0.00
27) Chrysene-d12	21.27	240	24118	0.40	ng	-0.01
34) Perylene-d12	23.69	264	20217	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	1760	0.50	ng	0.00
5) Phenol-d6	6.91	99	1754	0.40	ng	0.00
8) Nitrobenzene-d5	8.87	82	1894	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	5629	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	15.85	330	594	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	7422	0.34	ng	-0.01
25) Fluoranthene-d10	19.12	212	107389	0.46	ng	-0.01
29) Terphenyl-d14	19.72	244	21394	0.36	ng	-0.01

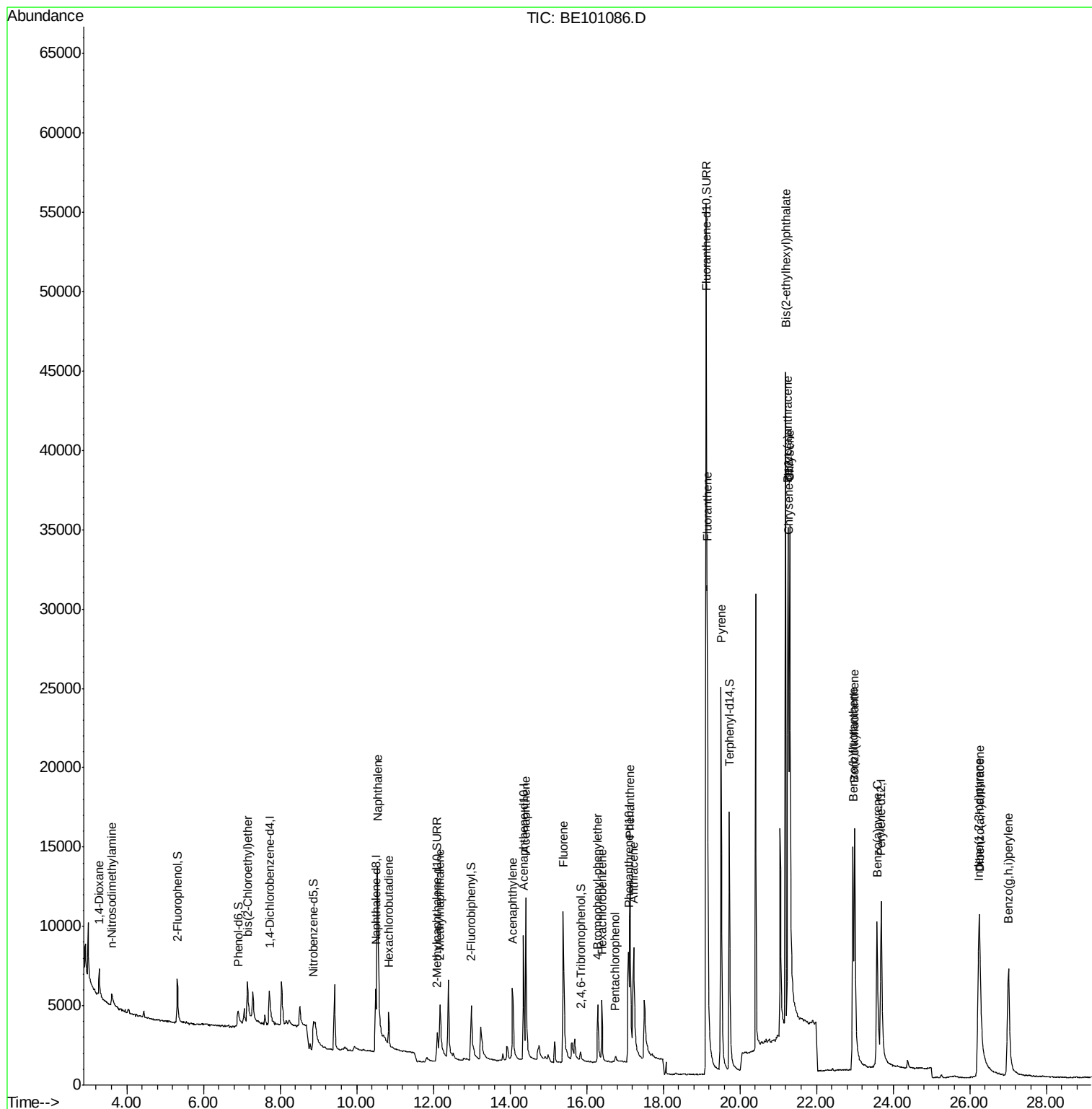
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	1821	0.527	ng	# 86
3) n-Nitrosodimethylamine	3.60	42	915	0.425	ng	# 90
6) bis(2-Chloroethyl)ether	7.15	93	2018	0.384	ng	96
9) Naphthalene	10.55	128	32503	0.402	ng	99
10) Hexachlorobutadiene	10.84	225	1422	0.416	ng	99
12) 2-Methylnaphthalene	12.17	142	4901	0.401	ng	98
16) Acenaphthylene	14.07	152	8230	0.356	ng	99
17) Acenaphthene	14.41	154	6187	0.374	ng	99
18) Fluorene	15.39	166	8407	0.402	ng	99
20) 4-Bromophenyl-phenylether	16.29	248	2545	0.313	ng	91
21) Hexachlorobenzene	16.40	284	3052	0.342	ng	99
22) Pentachlorophenol	16.75	266	418	0.384	ng	96
23) Phenanthrene	17.13	178	16432	0.361	ng	99
24) Anthracene	17.23	178	16630	0.388	ng	99
26) Fluoranthene	19.15	202	27219	0.478	ng	99
28) Pyrene	19.51	202	28956	0.323	ng	99
30) Benzo(a)anthracene	21.26	228	28158	0.409	ng	97
31) Chrysene	21.31	228	41300	0.404	ng	99
32) Bis(2-ethylhexyl)phthalate	21.20	149	53477	0.466	ng	100
33) Indeno(1,2,3-cd)pyrene	26.23	276	23292	0.288	ng	96
35) Benzo(b)fluoranthene	22.95	252	21643	0.382	ng	99
36) Benzo(k)fluoranthene	23.00	252	29437	0.358	ng	98
37) Benzo(a)pyrene	23.58	252	21815	0.398	ng	98
38) Dibenzo(a,h)anthracene	26.26	278	16696	0.331	ng	97
39) Benzo(g,h,i)perylene	27.01	276	19792	0.319	ng	99

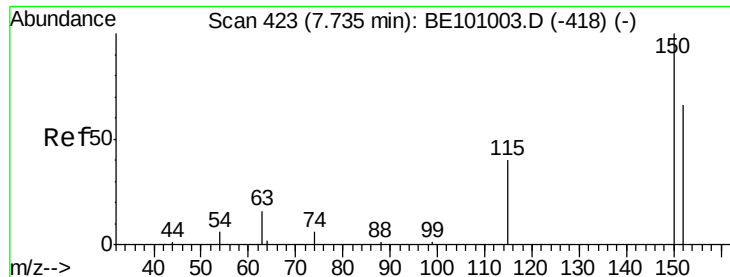
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.73 min Scan# 422

Delta R.T. -0.01 min

Lab File: BE101086.D

Acq: 17 Jan 2020 15:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

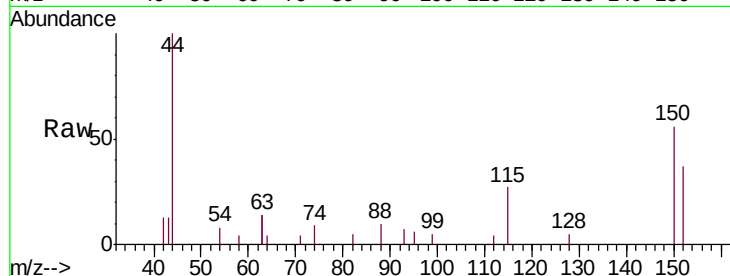
Tgt Ion:152 Resp: 1549

Ion Ratio Lower Upper

152 100

150 150.7 120.3 180.5

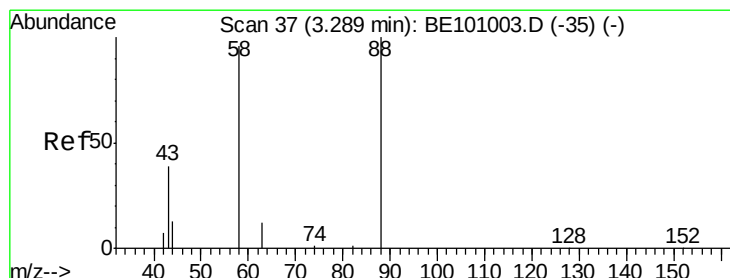
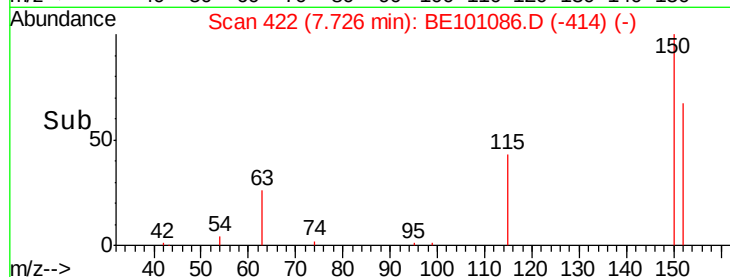
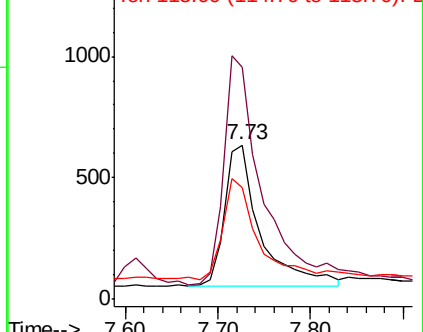
115 72.6 51.7 77.5



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: 0.527 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE101086.D

Acq: 17 Jan 2020 15:53

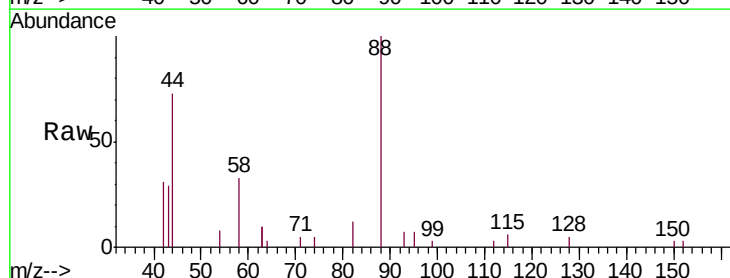
Tgt Ion: 88 Resp: 1821

Ion Ratio Lower Upper

88 100

58 55.4 53.0 79.4

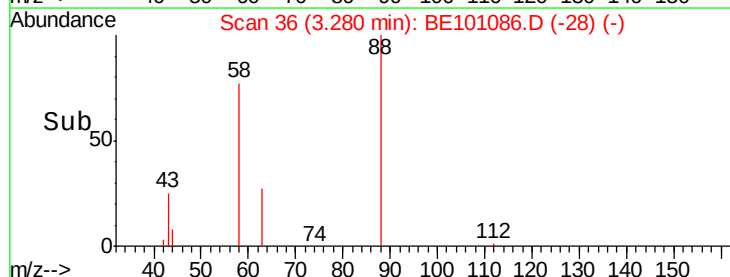
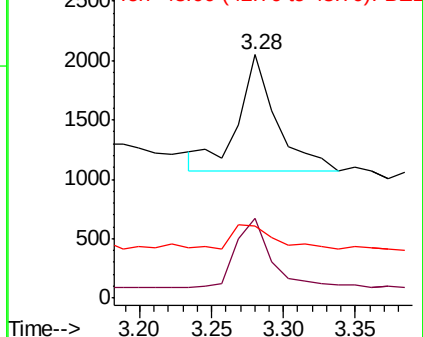
43 21.6 23.4 35.2#

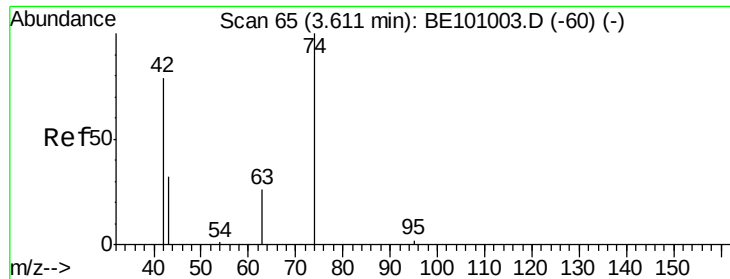


Abundance Ion 88.00 (87.70 to 88.70): BE1

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: BE101086.D

Acq: 17 Jan 2020 15:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

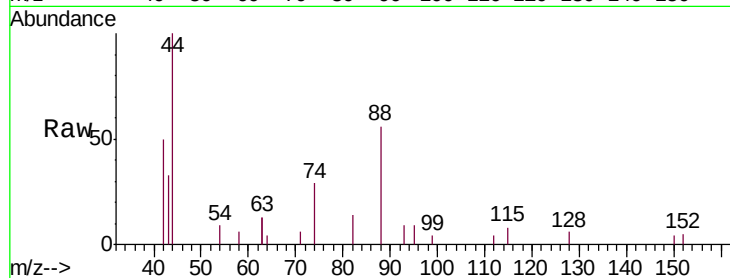
Tgt Ion: 42 Resp: 915

Ion Ratio Lower Upper

42 100

74 122.4 105.7 158.5

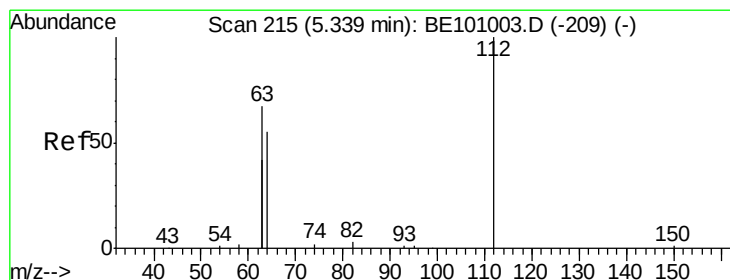
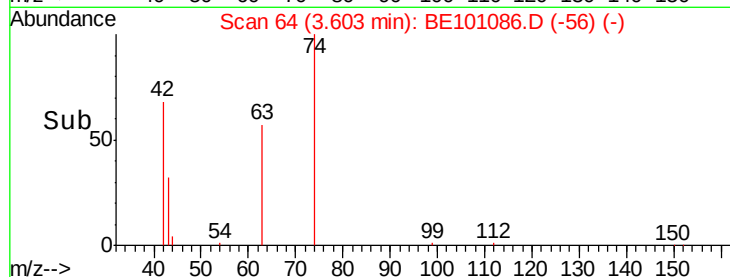
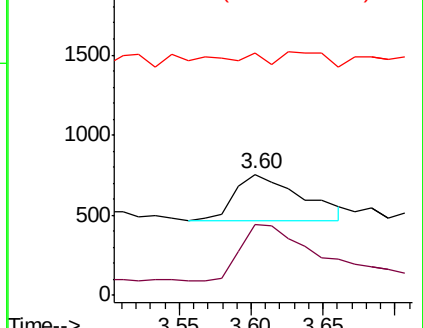
44 0.0 10.0 15.0#



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: 0.505 ng

RT: 5.33 min Scan# 214

Delta R.T. -0.01 min

Lab File: BE101086.D

Acq: 17 Jan 2020 15:53

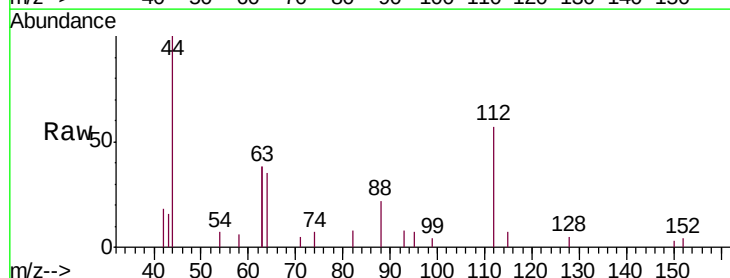
Tgt Ion: 112 Resp: 1760

Ion Ratio Lower Upper

112 100

64 65.7 53.6 80.4

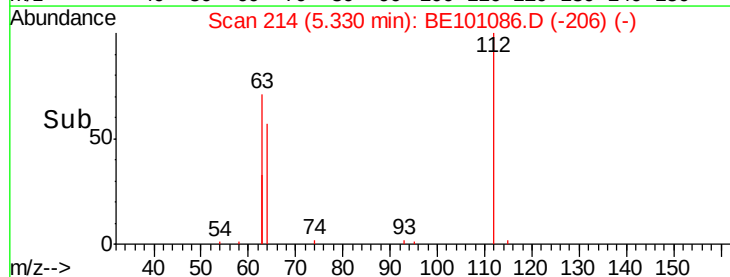
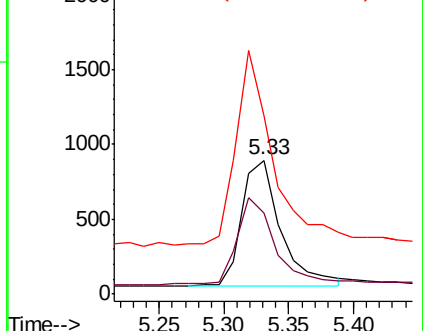
63 150.1 114.6 172.0

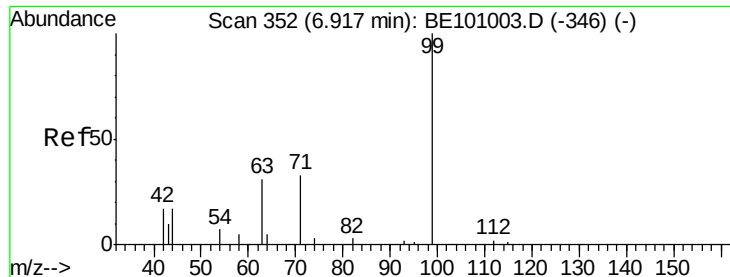


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.398 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101086.D

Acq: 17 Jan 2020 15:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

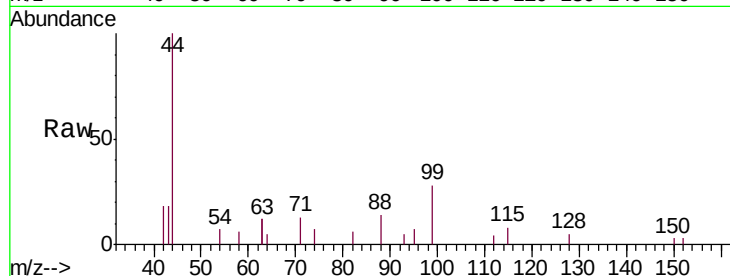
Tgt Ion: 99 Resp: 1754

Ion Ratio Lower Upper

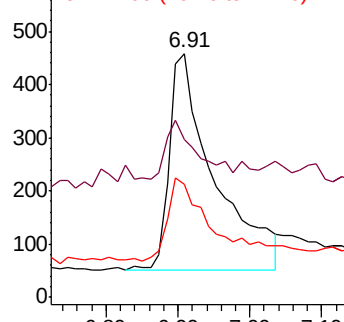
99 100

42 18.9 18.3 27.5

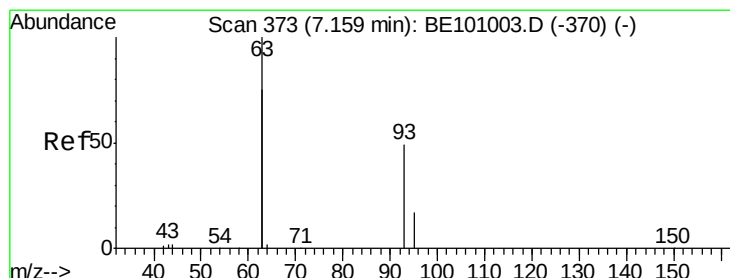
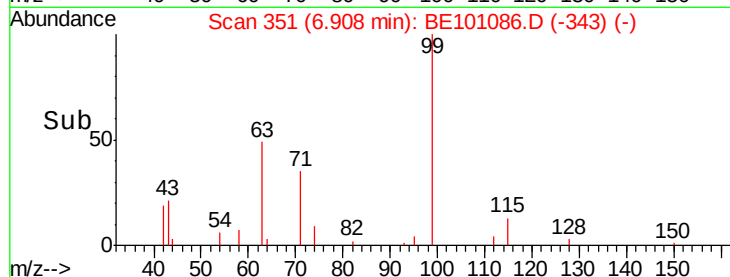
71 37.4 28.0 42.0



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



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.384 ng

RT: 7.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: BE101086.D

Acq: 17 Jan 2020 15:53

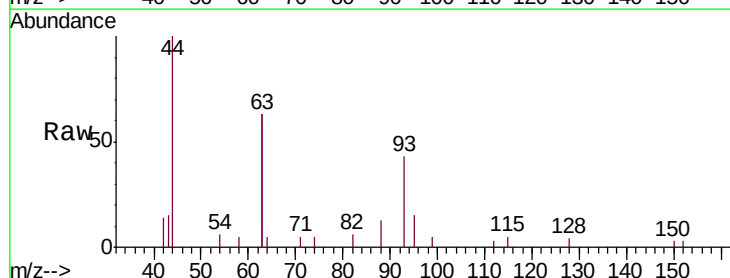
Tgt Ion: 93 Resp: 2018

Ion Ratio Lower Upper

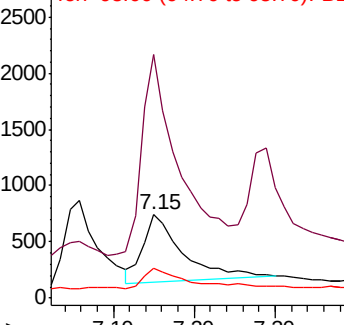
93 100

63 283.9 233.9 350.9

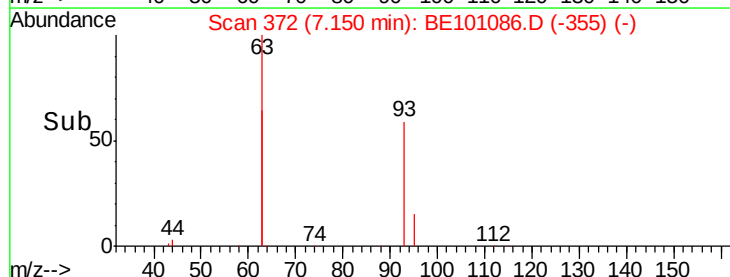
95 28.3 23.5 35.3

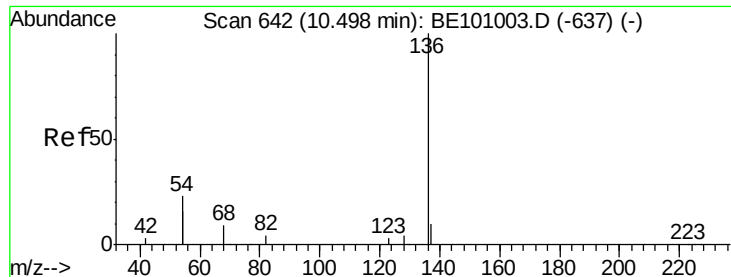


Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 641

Delta R.T. -0.00 min

Lab File: BE101086.D

Acq: 17 Jan 2020 15:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 7273

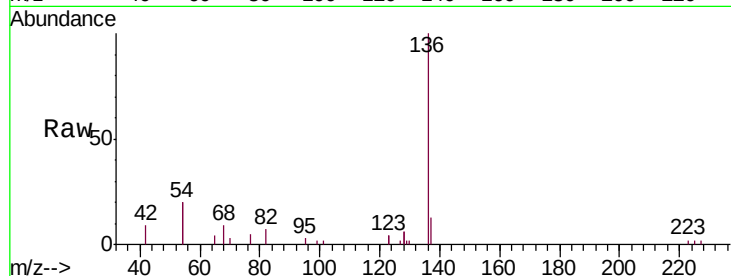
Ion Ratio Lower Upper

136 100

137 13.0 9.3 13.9

54 39.2 36.8 55.2

68 8.7 8.4 12.6

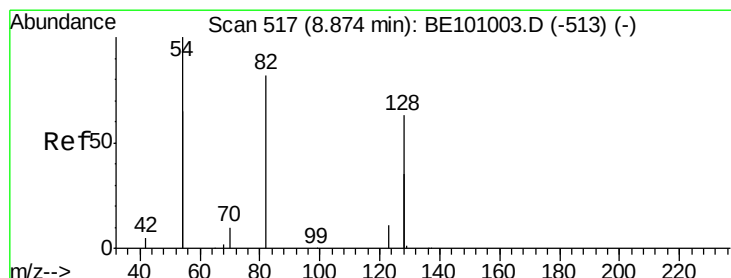
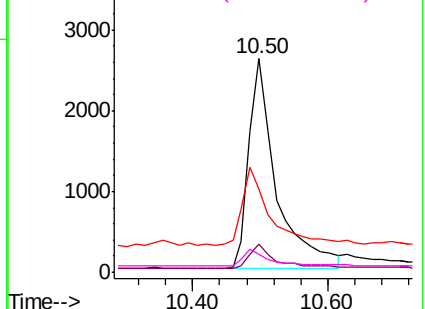
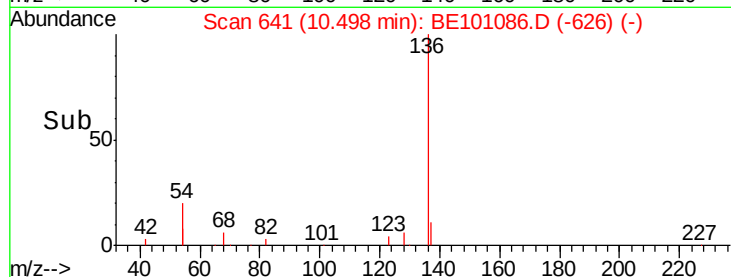


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.364 ng

RT: 8.87 min Scan# 516

Delta R.T. -0.00 min

Lab File: BE101086.D

Acq: 17 Jan 2020 15:53

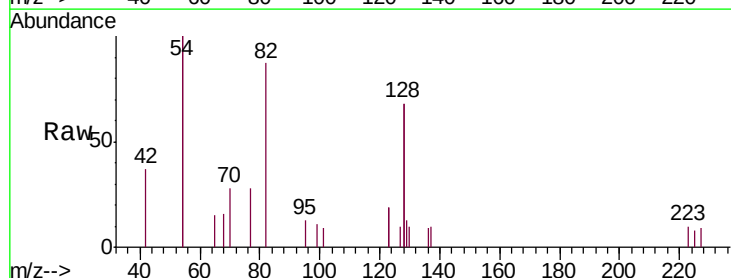
Tgt Ion: 82 Resp: 1894

Ion Ratio Lower Upper

82 100

128 156.4 109.8 164.6

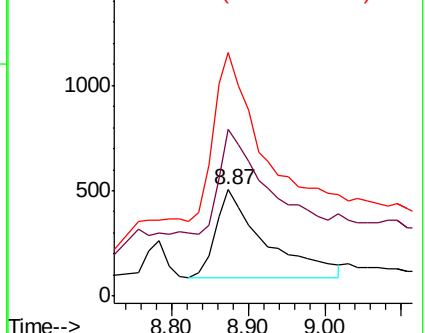
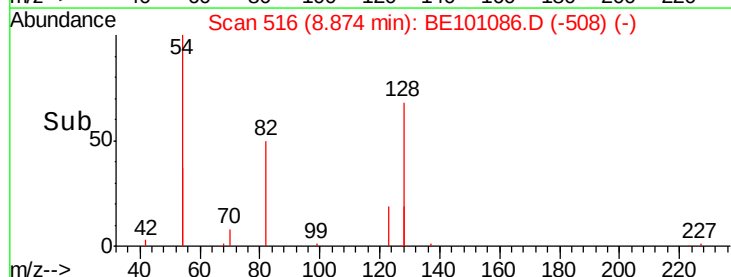
54 228.9 174.5 261.7

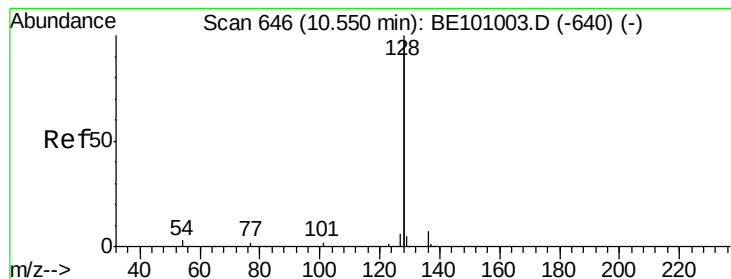


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.402 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE101086.D

Acq: 17 Jan 2020 15:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

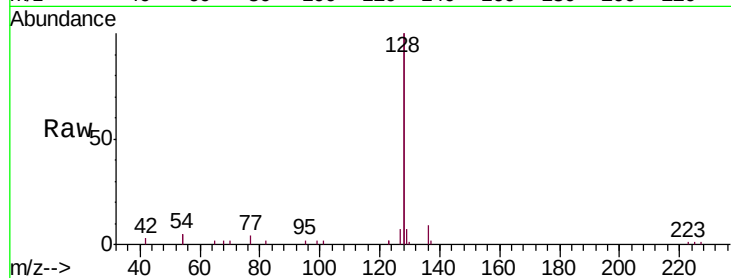
Tgt Ion:128 Resp: 32503

Ion Ratio Lower Upper

128 100

129 3.3 2.3 3.5

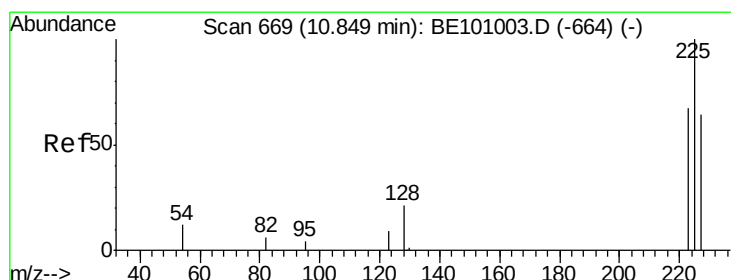
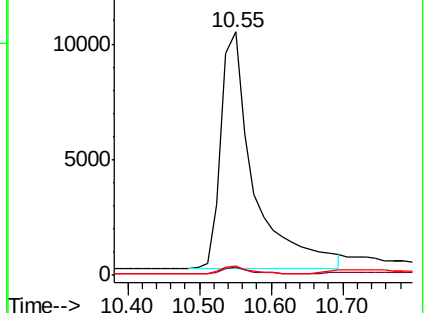
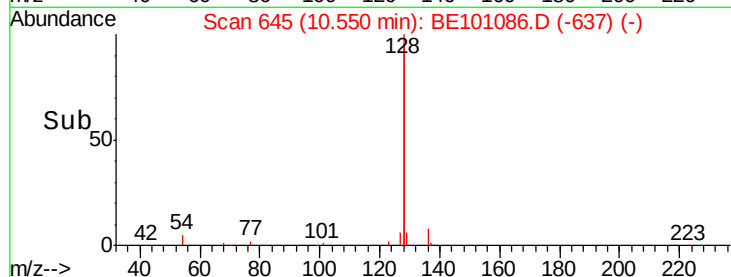
127 3.6 2.7 4.1



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: 0.416 ng

RT: 10.84 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE101086.D

Acq: 17 Jan 2020 15:53

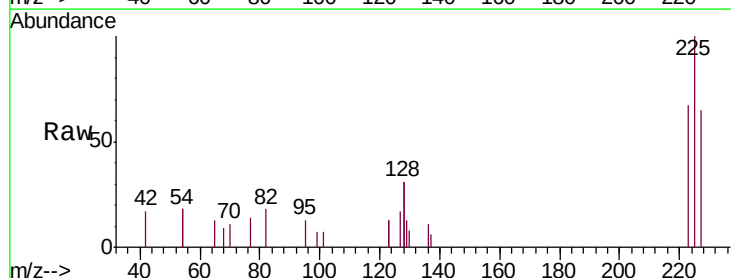
Tgt Ion:225 Resp: 1422

Ion Ratio Lower Upper

225 100

223 65.4 52.2 78.4

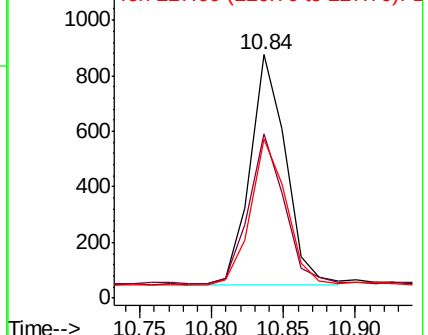
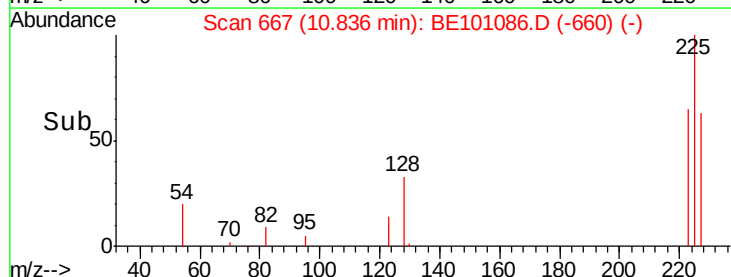
227 63.9 49.9 74.9

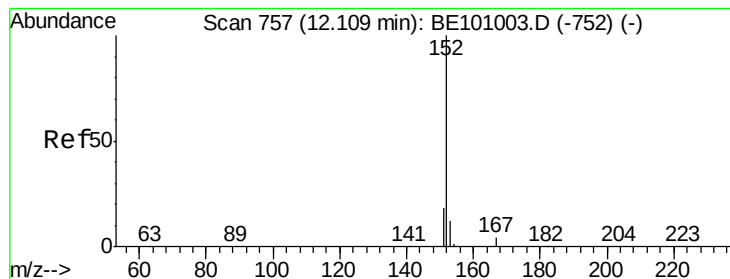


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.406 ng

RT: 12.09 min Scan# 755

Delta R.T. -0.01 min

Lab File: BE101086.D

Acq: 17 Jan 2020 15:53

Instrument :

BNA_E

ClientSampleId :

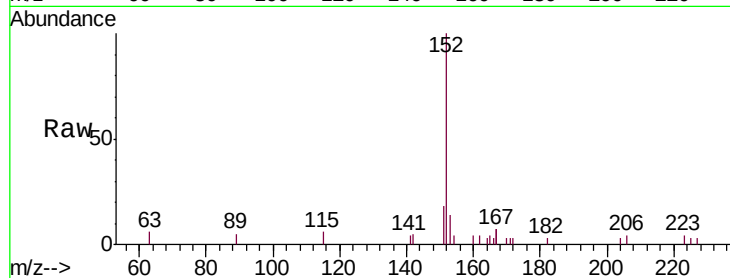
SSTDCCC0.4

Tgt Ion:152 Resp: 5629

Ion Ratio Lower Upper

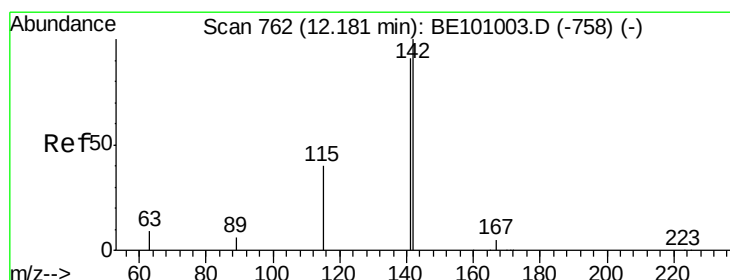
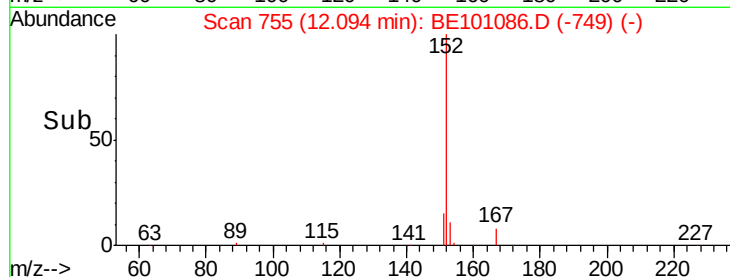
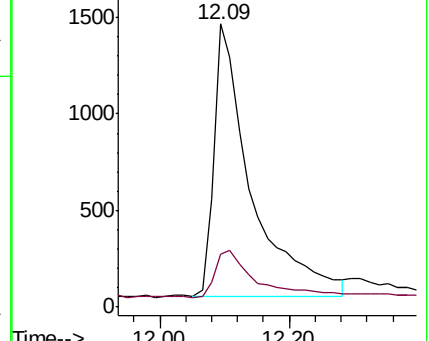
152 100

151 19.2 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: 0.401 ng

RT: 12.17 min Scan# 760

Delta R.T. -0.01 min

Lab File: BE101086.D

Acq: 17 Jan 2020 15:53

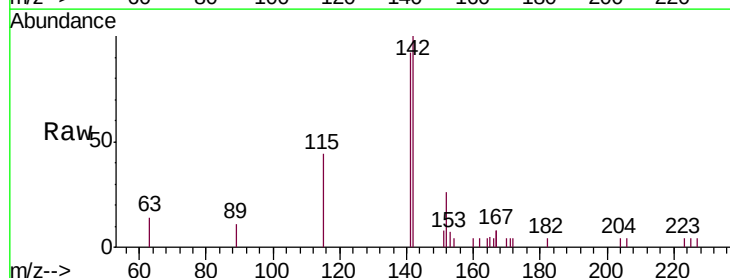
Tgt Ion:142 Resp: 4901

Ion Ratio Lower Upper

142 100

141 92.0 72.5 108.7

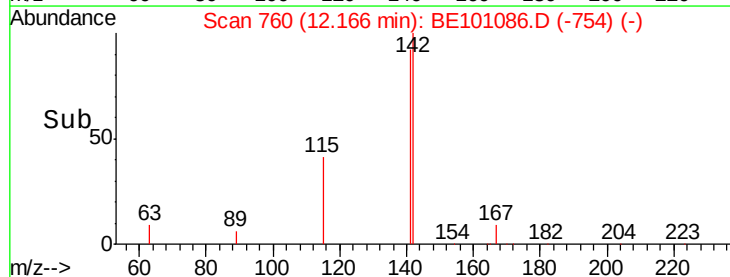
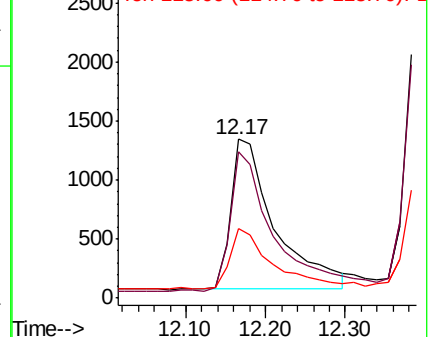
115 44.0 33.0 49.6

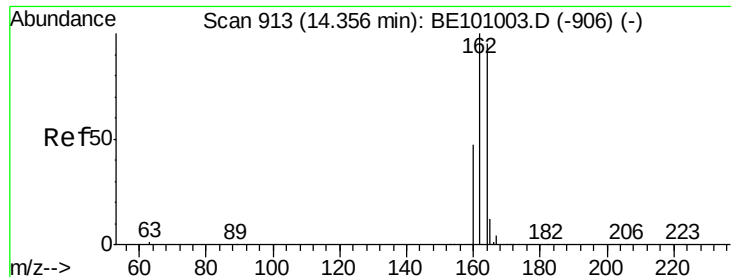


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

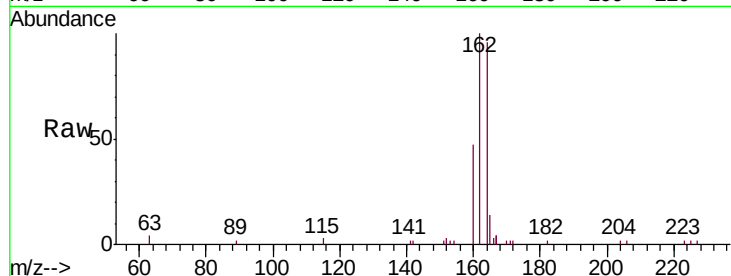




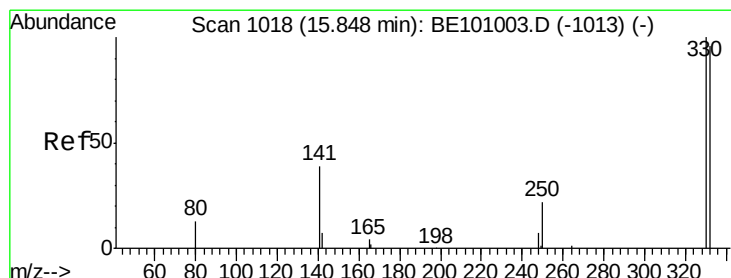
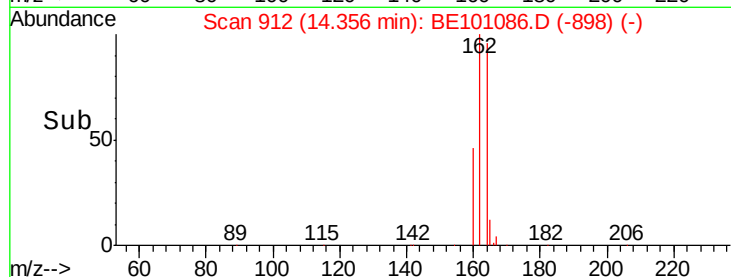
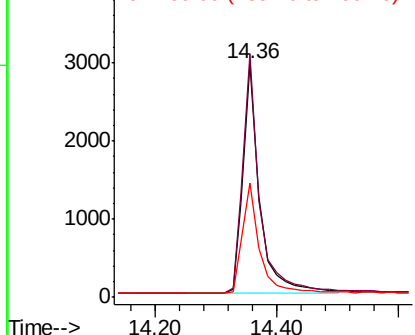
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 5673
Ion Ratio Lower Upper
164 100
162 104.3 84.1 126.1
160 49.1 40.4 60.6

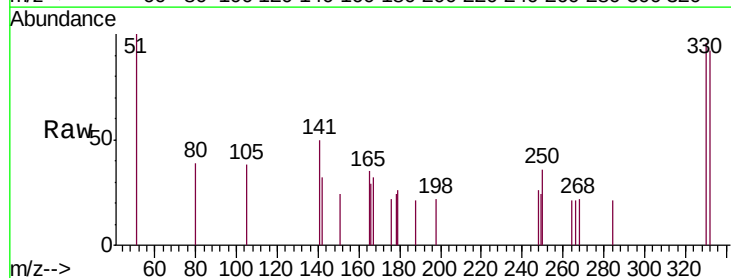


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

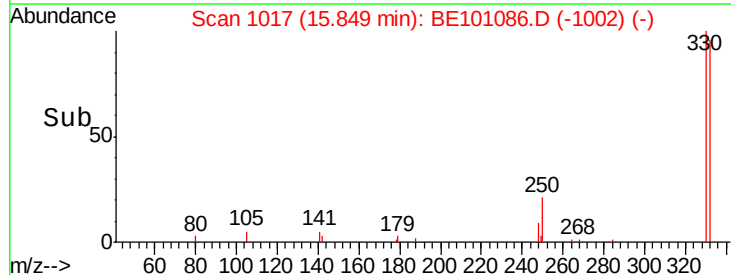
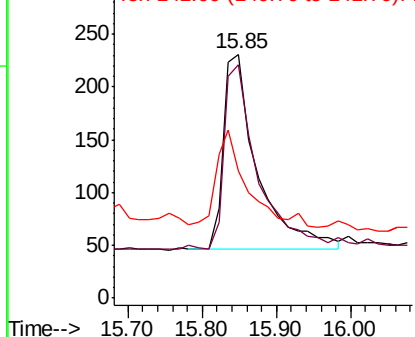


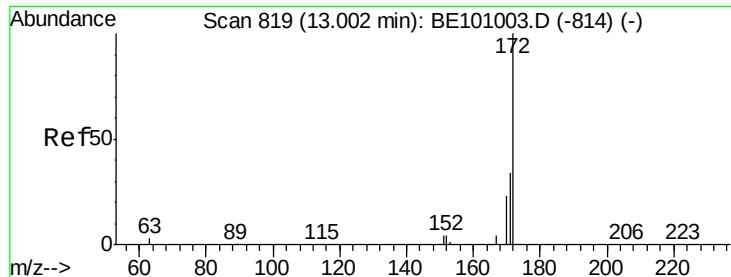
#14
2,4,6-Tribromophenol
Concen: 0.371 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Tgt Ion:330 Resp: 594
Ion Ratio Lower Upper
330 100
332 96.3 78.4 117.6
141 45.5 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

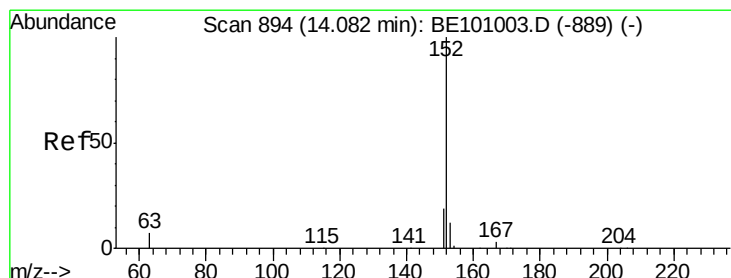
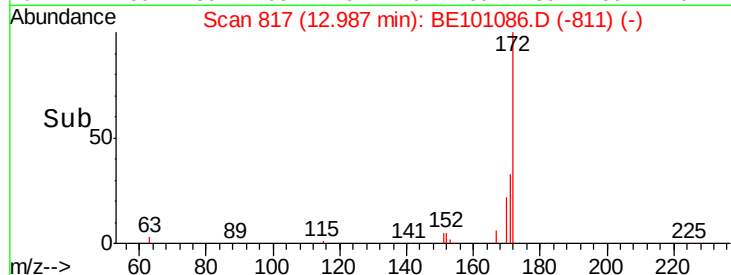
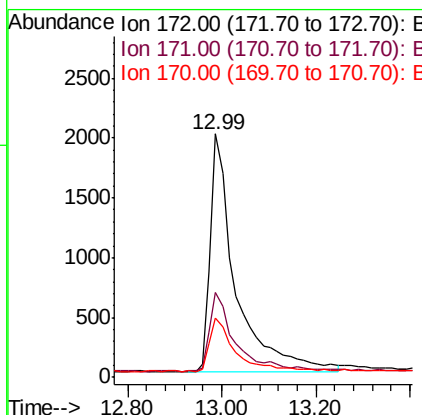
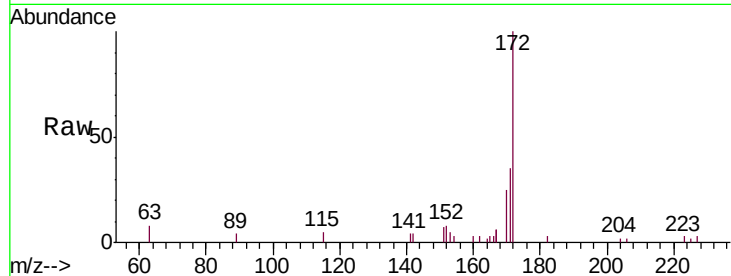




#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

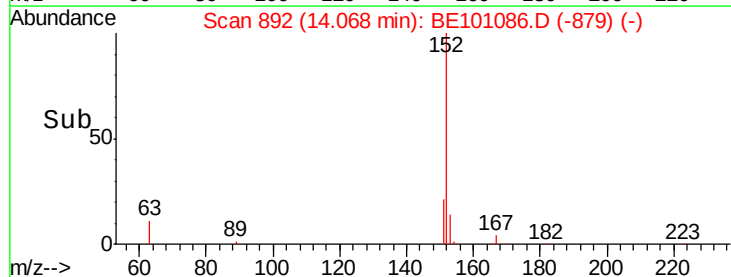
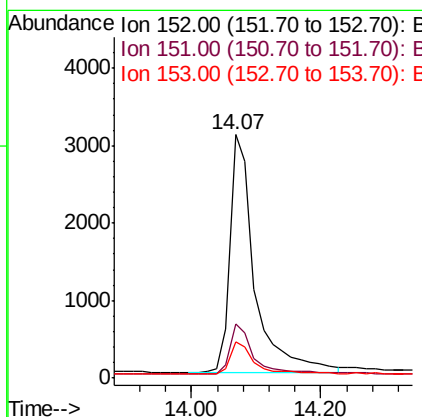
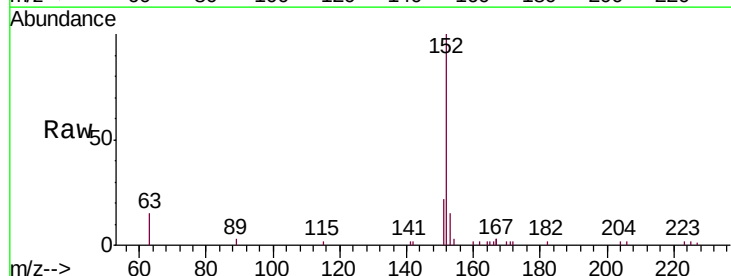
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

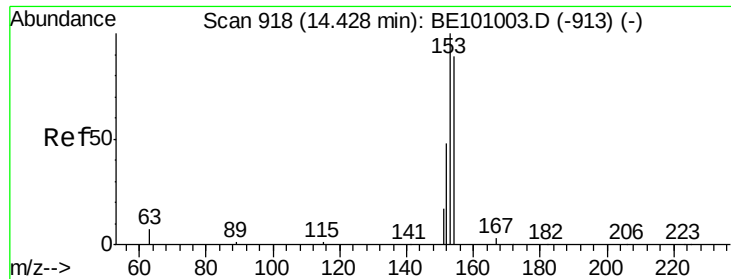
Tgt Ion:172 Resp: 7422
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 24.6 18.9 28.3



#16
Acenaphthylene
Concen: 0.356 ng
RT: 14.07 min Scan# 892
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Tgt Ion:152 Resp: 8230
Ion Ratio Lower Upper
152 100
151 20.1 15.5 23.3
153 13.1 10.4 15.6

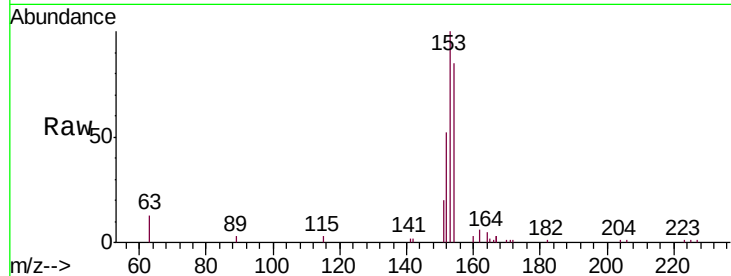




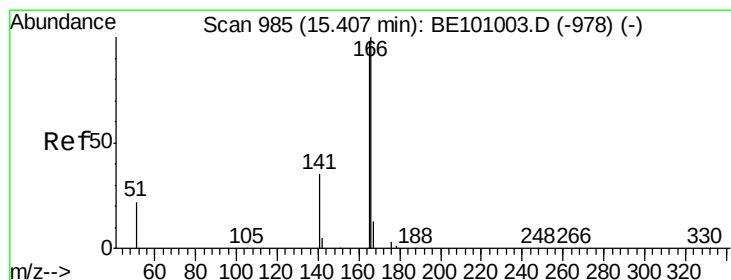
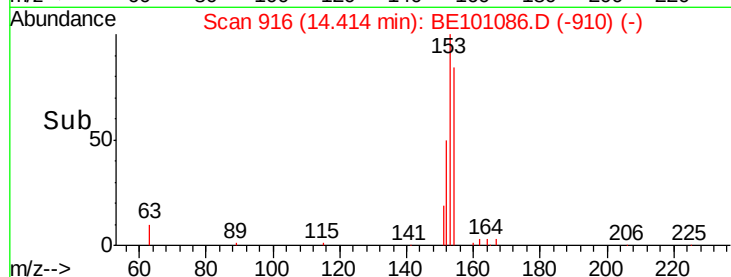
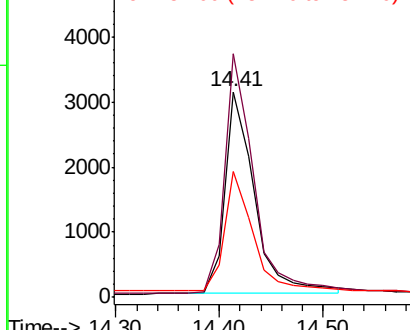
#17
Acenaphthene
Concen: 0.374 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 6187
Ion Ratio Lower Upper
154 100
153 117.2 93.6 140.4
152 56.5 46.3 69.5

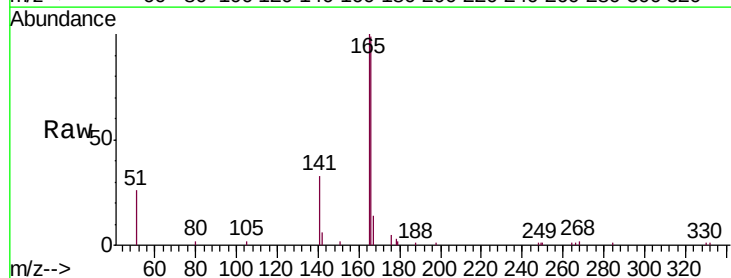


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

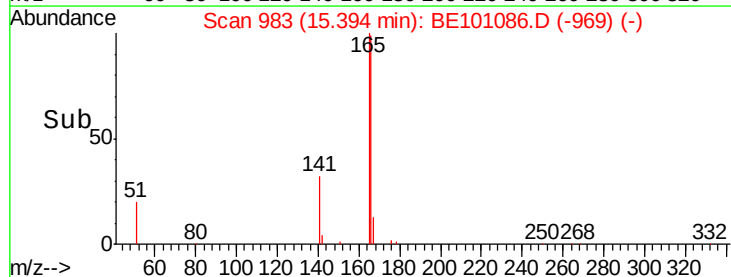
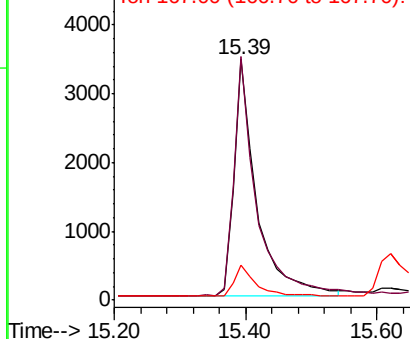


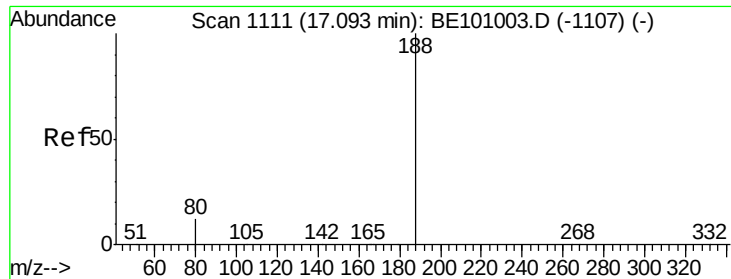
#18
Fluorene
Concen: 0.402 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Tgt Ion:166 Resp: 8407
Ion Ratio Lower Upper
166 100
165 100.6 79.8 119.8
167 13.4 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: BE101086.D

Acq: 17 Jan 2020 15:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

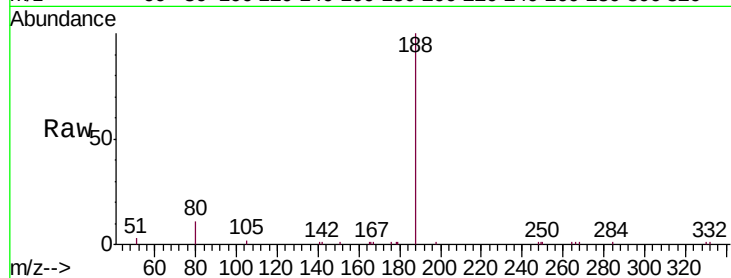
Tgt Ion:188 Resp: 16655

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

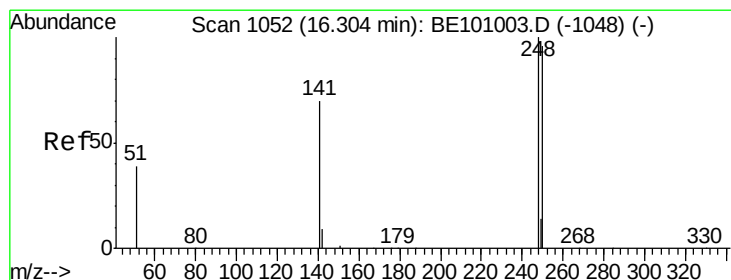
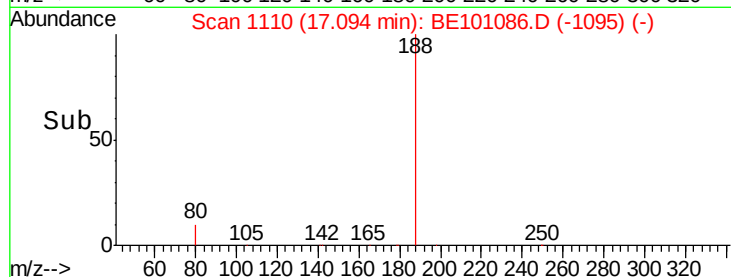
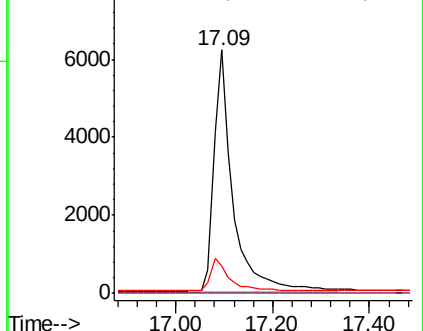
80 11.4 10.8 16.2



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: 0.313 ng

RT: 16.29 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BE101086.D

Acq: 17 Jan 2020 15:53

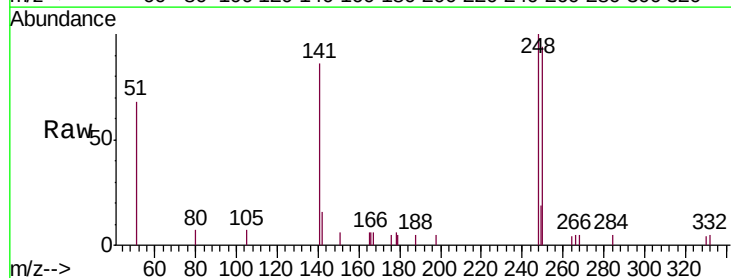
Tgt Ion:248 Resp: 2545

Ion Ratio Lower Upper

248 100

250 93.7 76.6 115.0

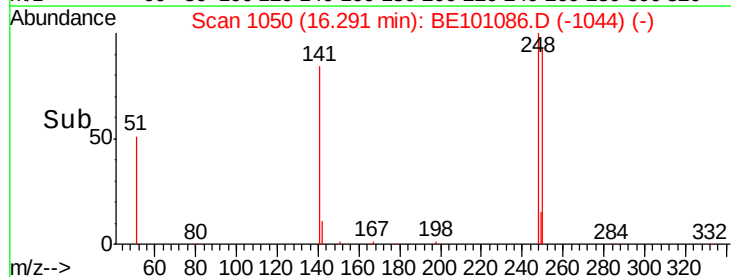
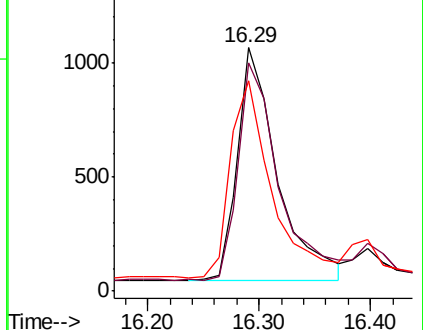
141 86.3 57.7 86.5

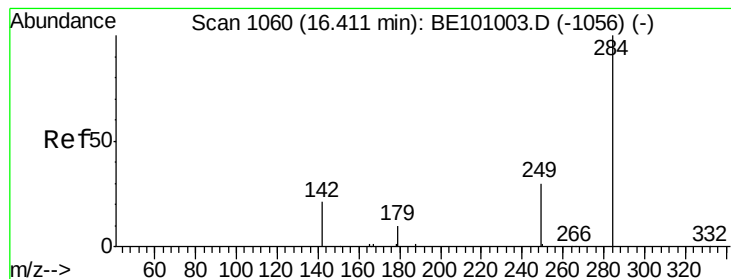


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.342 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE101086.D

Acq: 17 Jan 2020 15:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

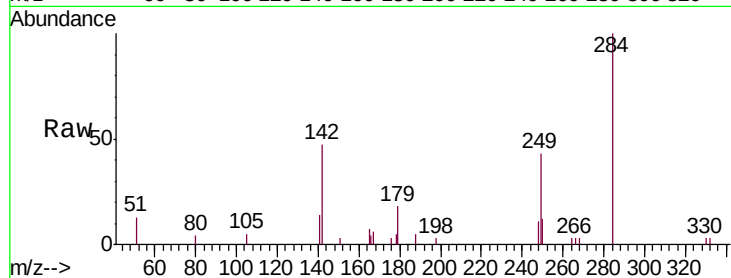
Tgt Ion:284 Resp: 3052

Ion Ratio Lower Upper

284 100

142 41.7 34.0 51.0

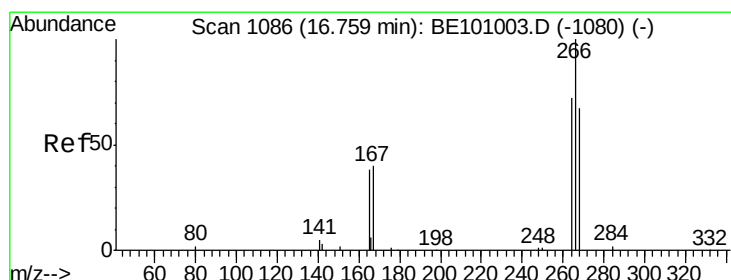
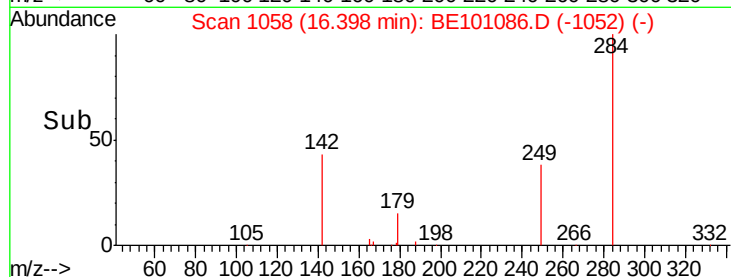
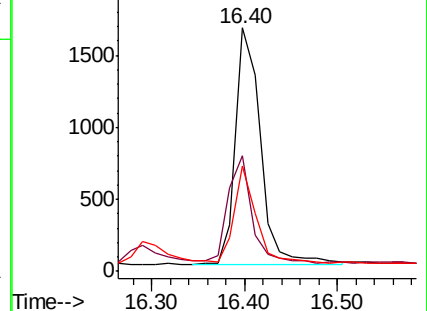
249 35.0 28.2 42.4



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: 0.384 ng

RT: 16.75 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BE101086.D

Acq: 17 Jan 2020 15:53

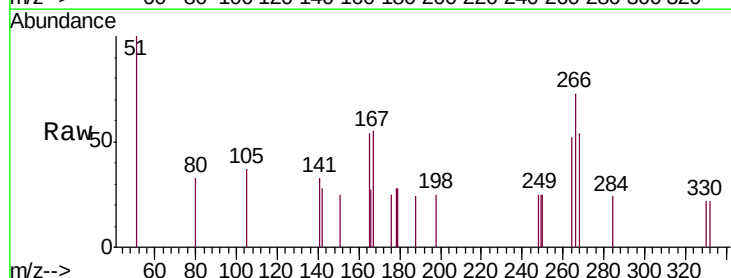
Tgt Ion:266 Resp: 418

Ion Ratio Lower Upper

266 100

264 70.4 61.0 91.4

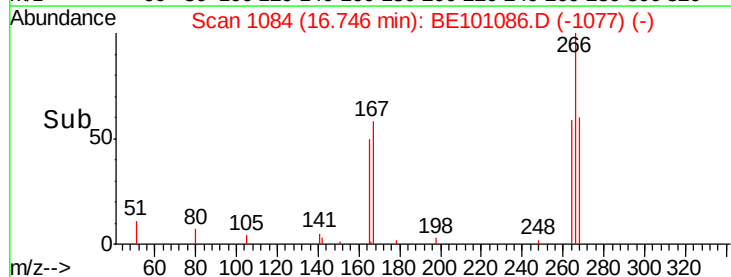
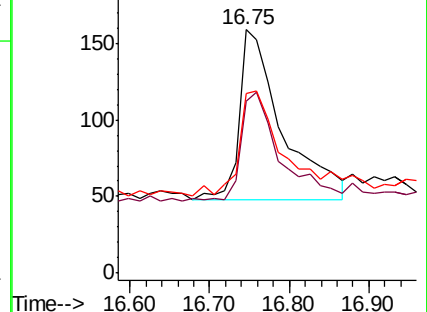
268 73.6 58.5 87.7

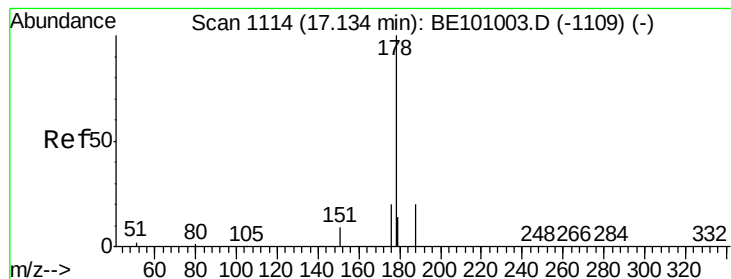


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.361 ng

RT: 17.13 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE101086.D

Acq: 17 Jan 2020 15:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

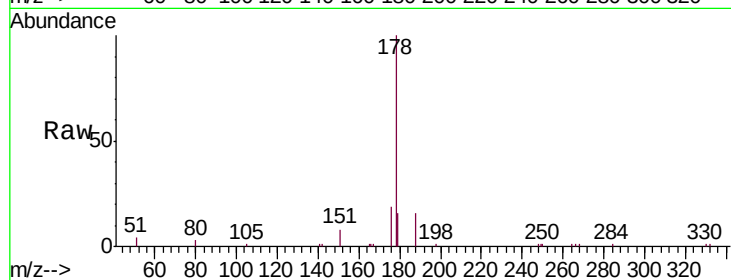
Tgt Ion:178 Resp: 16432

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

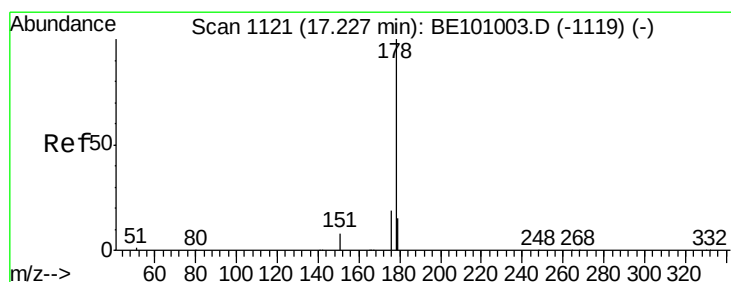
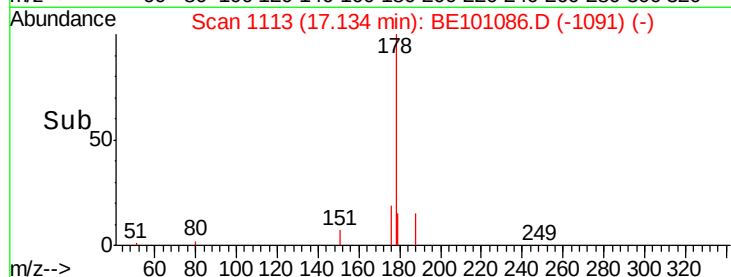
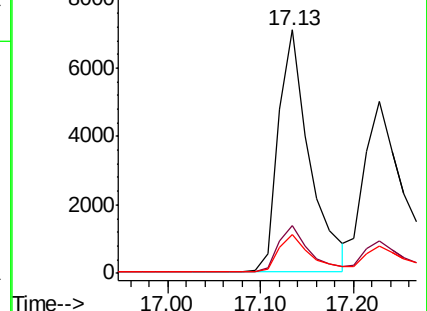
179 15.4 12.0 18.0



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: 0.388 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE101086.D

Acq: 17 Jan 2020 15:53

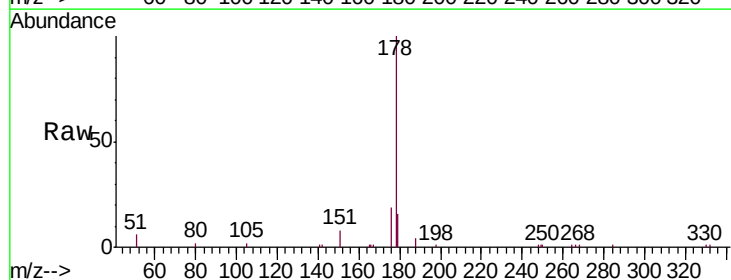
Tgt Ion:178 Resp: 16630

Ion Ratio Lower Upper

178 100

176 18.8 14.8 22.2

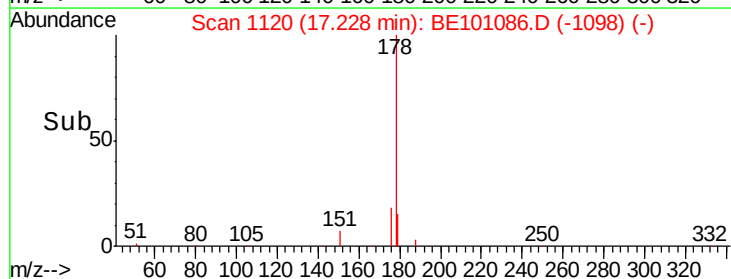
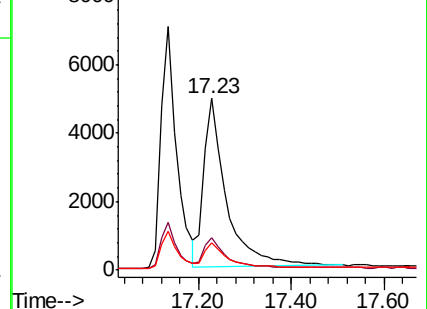
179 14.6 12.4 18.6

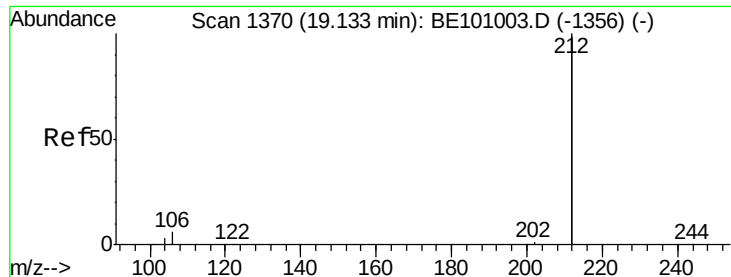


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.464 ng

RT: 19.12 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BE101086.D

Acq: 17 Jan 2020 15:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

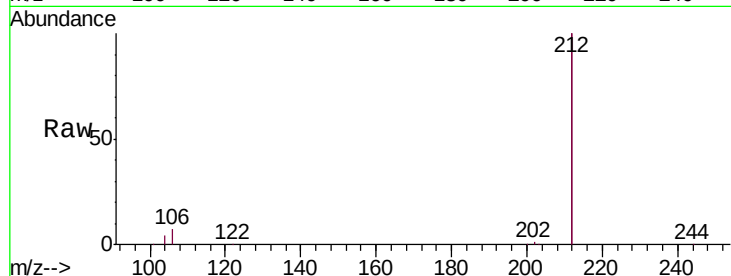
Tgt Ion:212 Resp: 107389

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

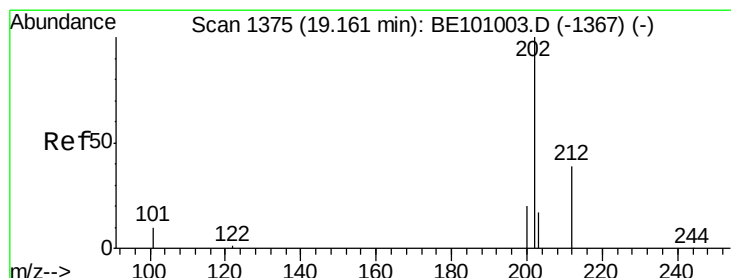
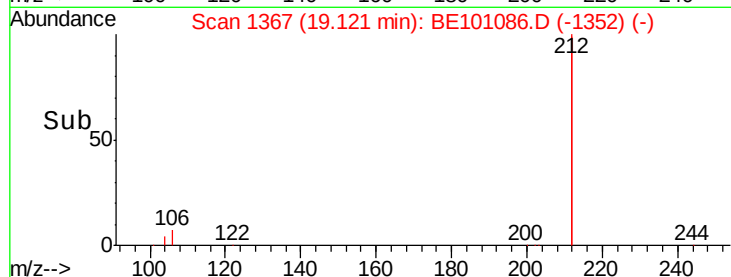
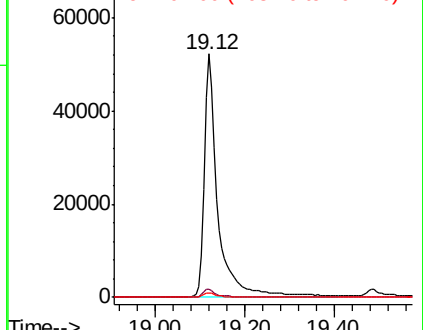
104 1.9 1.4 2.0



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: 0.478 ng

RT: 19.15 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BE101086.D

Acq: 17 Jan 2020 15:53

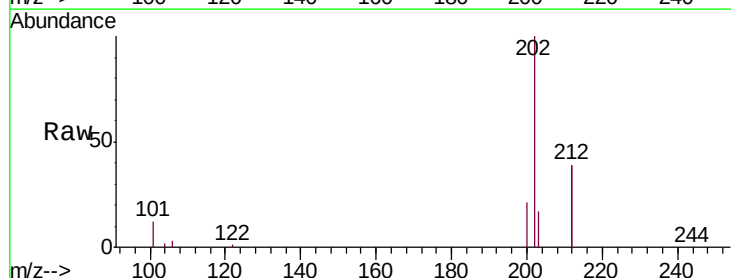
Tgt Ion:202 Resp: 27219

Ion Ratio Lower Upper

202 100

101 12.0 9.6 14.4

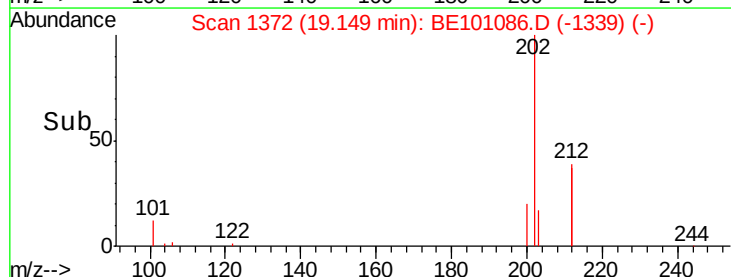
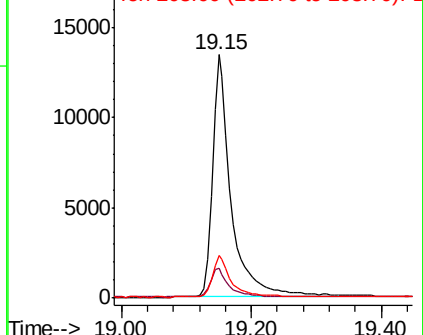
203 16.8 13.8 20.6

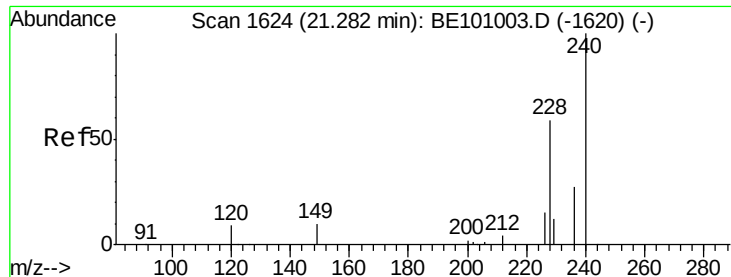


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

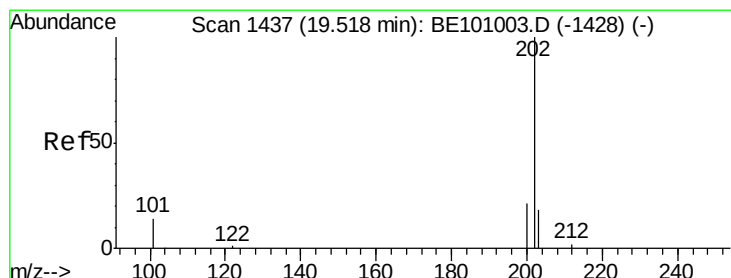
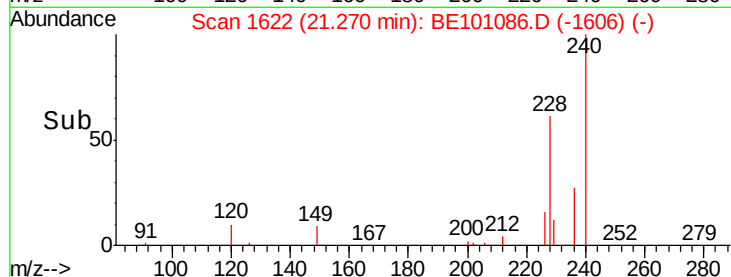
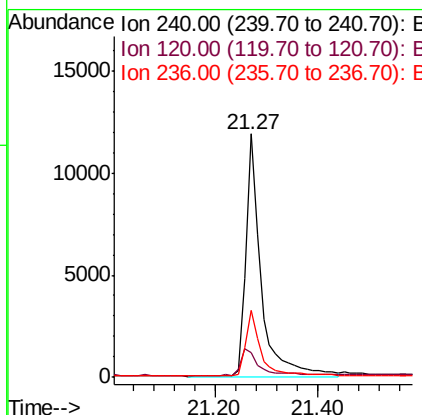
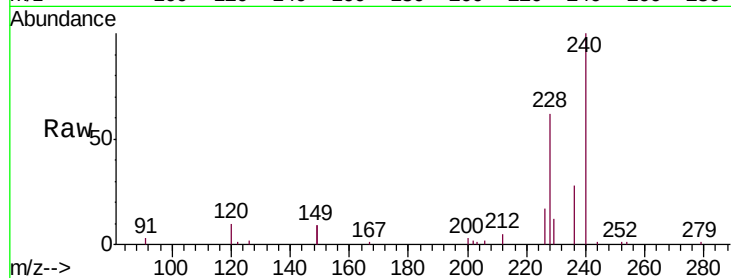




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

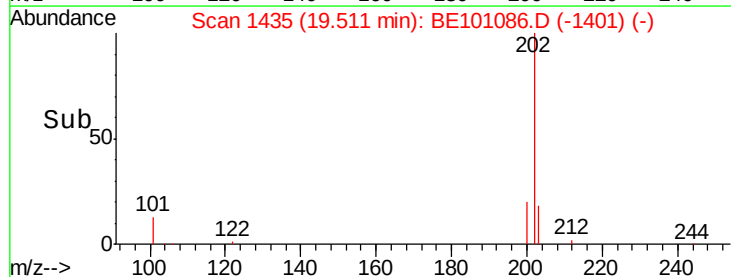
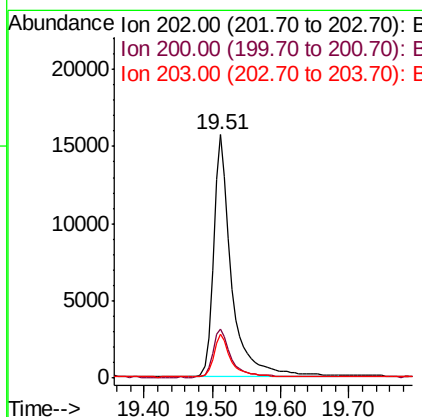
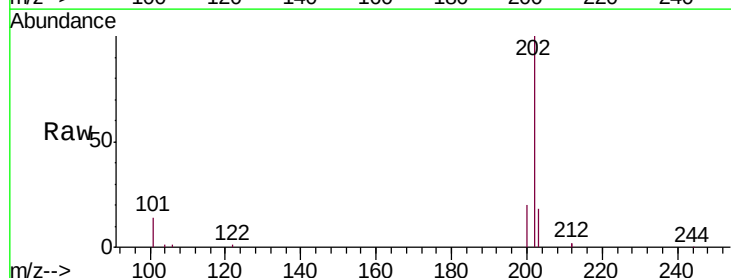
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

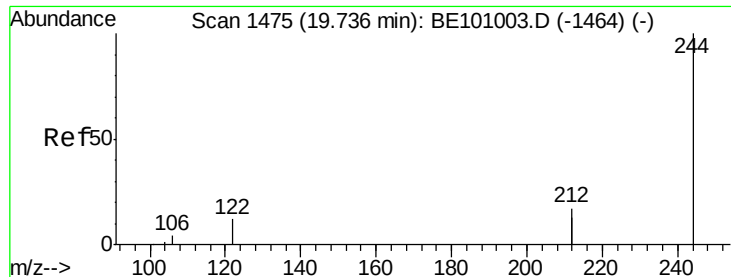
Tgt Ion:240 Resp: 24118
Ion Ratio Lower Upper
240 100
120 10.4 8.6 13.0
236 27.6 22.2 33.4



#28
Pyrene
Concen: 0.323 ng
RT: 19.51 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Tgt Ion:202 Resp: 28956
Ion Ratio Lower Upper
202 100
200 20.5 17.0 25.4
203 17.4 13.8 20.6





#29

Terphenyl-d14

Concen: 0.361 ng

RT: 19.72 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BE101086.D

Acq: 17 Jan 2020 15:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

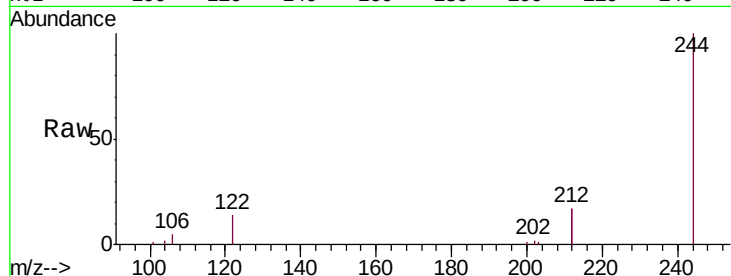
Tgt Ion:244 Resp: 21394

Ion Ratio Lower Upper

244 100

212 34.2 27.2 40.8

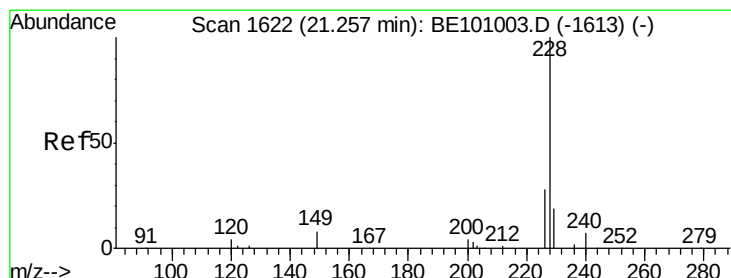
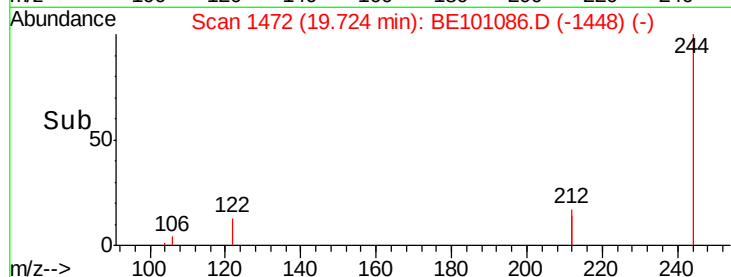
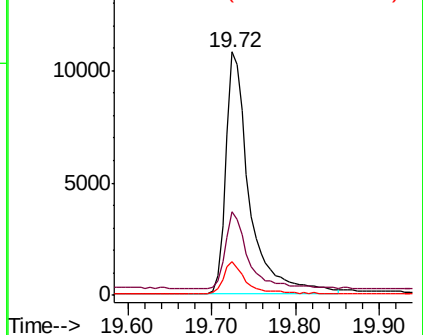
122 13.9 9.8 14.8



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: 0.409 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BE101086.D

Acq: 17 Jan 2020 15:53

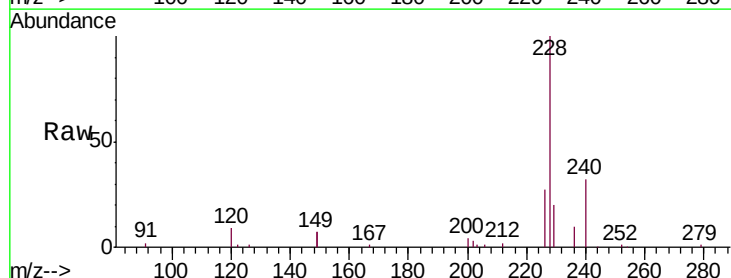
Tgt Ion:228 Resp: 28158

Ion Ratio Lower Upper

228 100

226 26.7 22.7 34.1

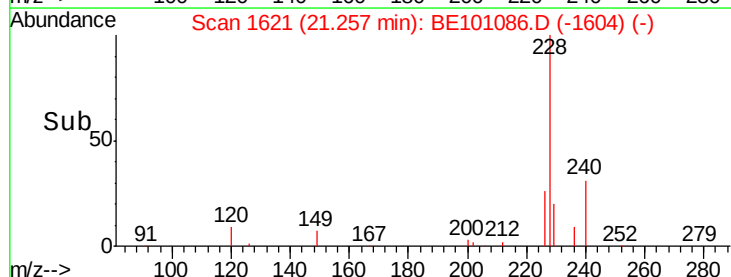
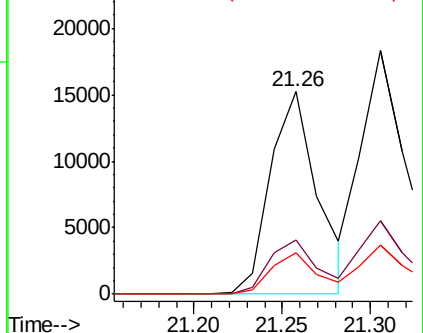
229 20.2 15.5 23.3

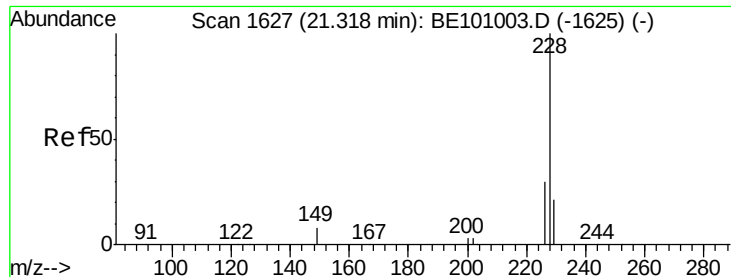


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.404 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE101086.D

Acq: 17 Jan 2020 15:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

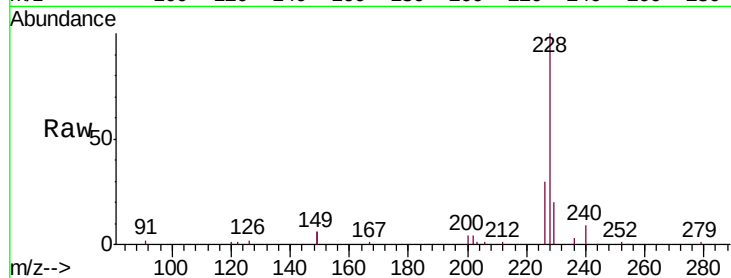
Tgt Ion:228 Resp: 41300

Ion Ratio Lower Upper

228 100

226 30.0 23.5 35.3

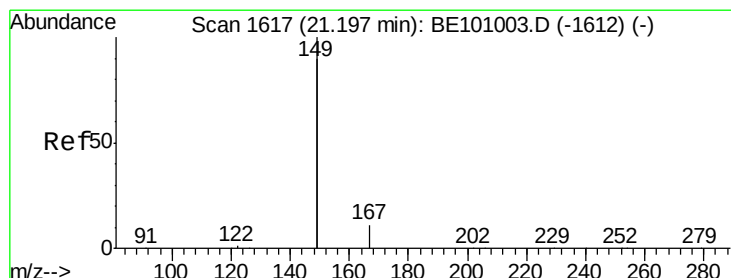
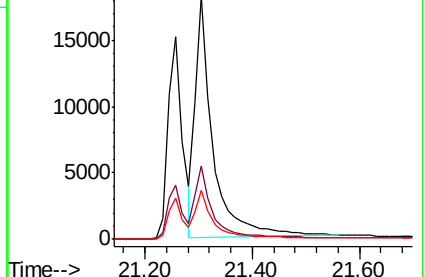
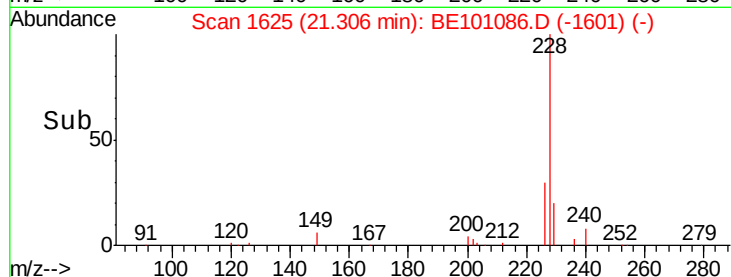
229 20.0 16.7 25.1



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: 0.466 ng

RT: 21.20 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BE101086.D

Acq: 17 Jan 2020 15:53

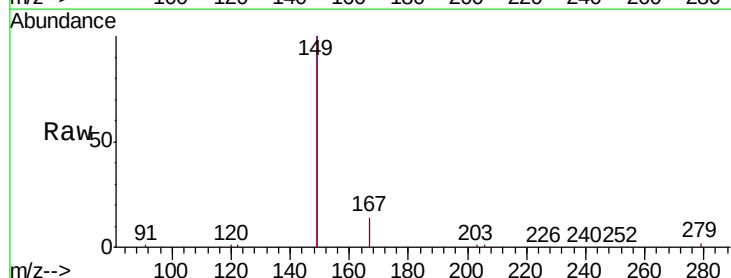
Tgt Ion:149 Resp: 53477

Ion Ratio Lower Upper

149 100

167 6.6 5.2 7.8

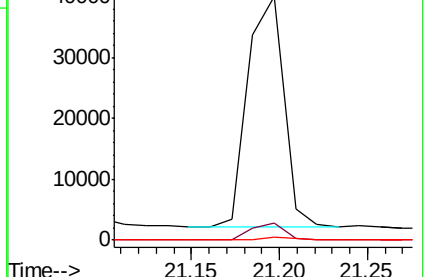
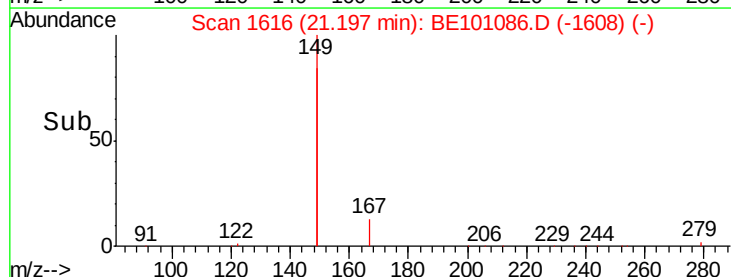
279 1.0 0.8 1.2

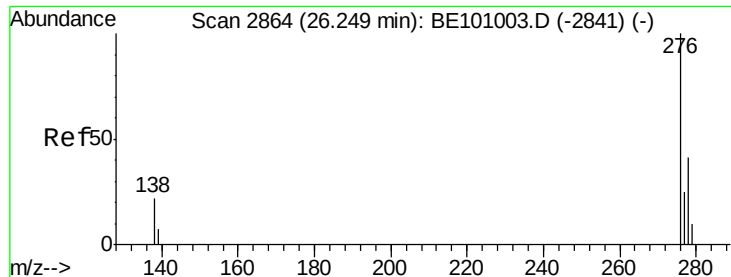


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.288 ng

RT: 26.23 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BE101086.D

Acq: 17 Jan 2020 15:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

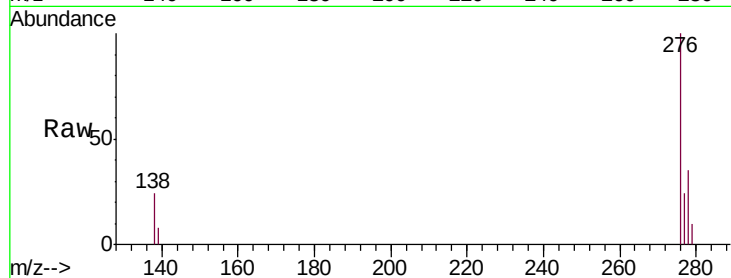
Tgt Ion:276 Resp: 23292

Ion Ratio Lower Upper

276 100

138 22.4 16.1 24.1

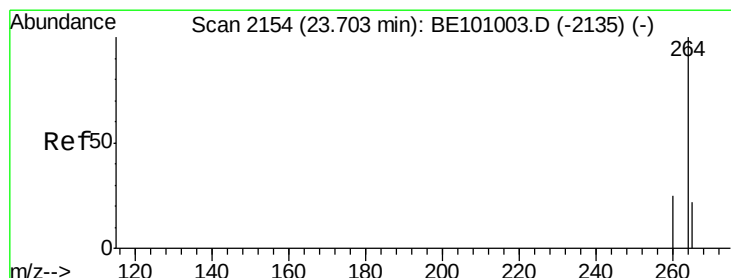
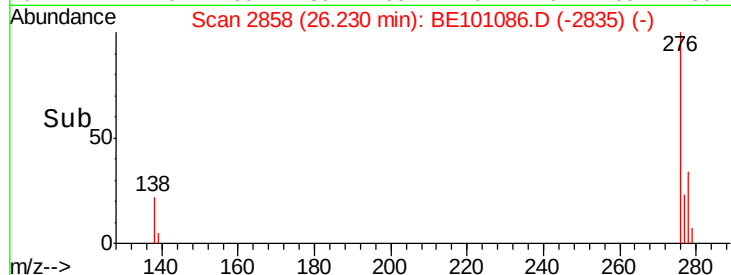
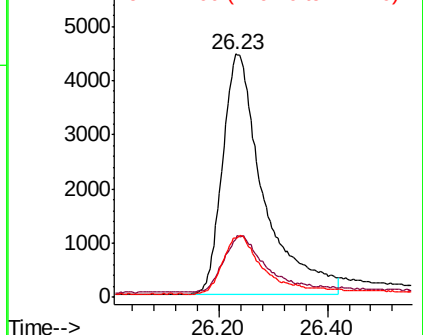
277 24.0 18.1 27.1



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: 23.69 min Scan# 2149

Delta R.T. -0.01 min

Lab File: BE101086.D

Acq: 17 Jan 2020 15:53

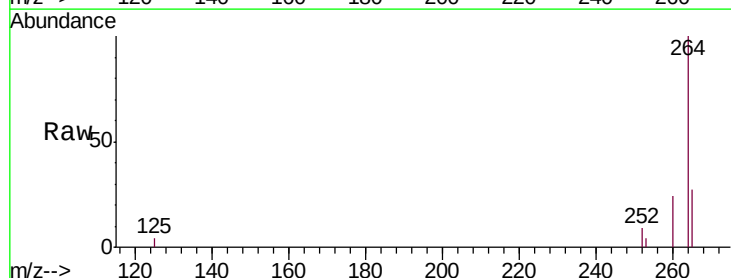
Tgt Ion:264 Resp: 20217

Ion Ratio Lower Upper

264 100

260 23.5 20.3 30.5

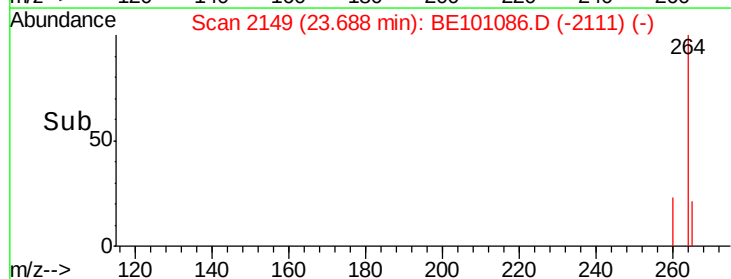
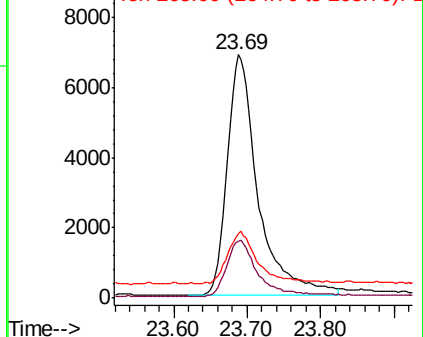
265 26.7 27.0 40.4#

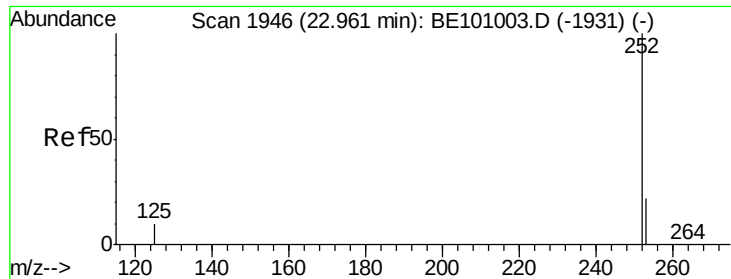


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.382 ng

RT: 22.95 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BE101086.D

Acq: 17 Jan 2020 15:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

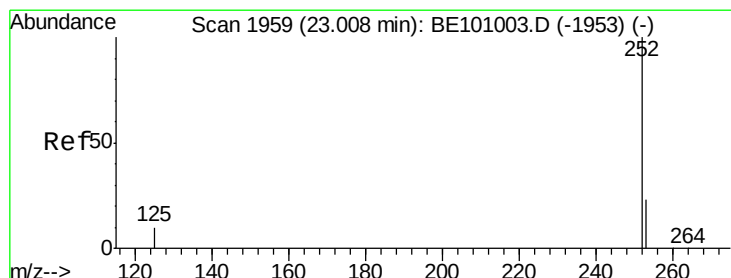
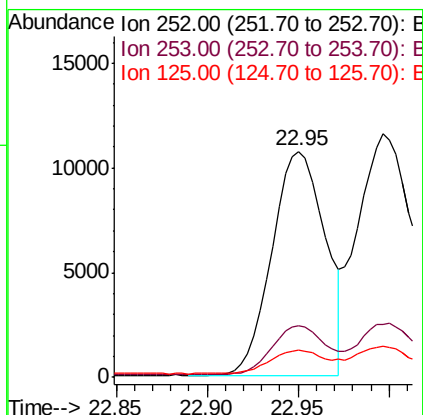
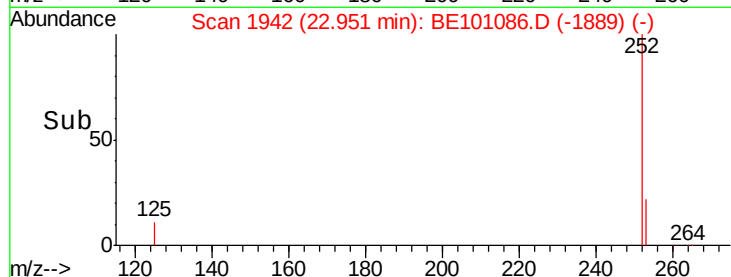
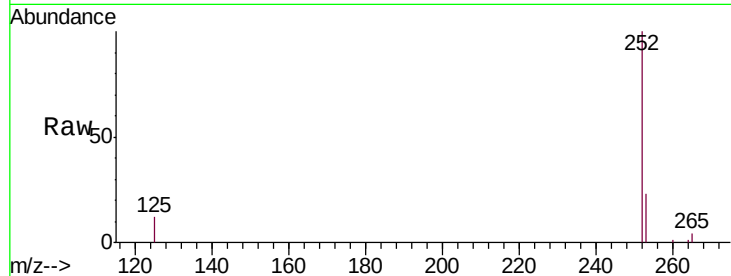
Tgt Ion:252 Resp: 21643

Ion Ratio Lower Upper

252 100

253 22.6 18.5 27.7

125 12.1 9.5 14.3



#36

Benzo(k)fluoranthene

Concen: 0.358 ng

RT: 23.00 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BE101086.D

Acq: 17 Jan 2020 15:53

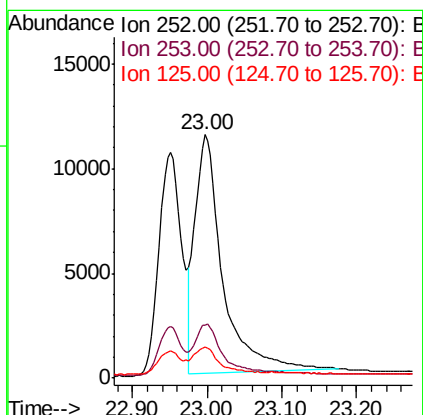
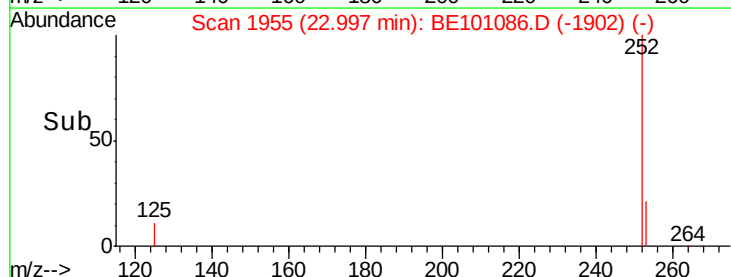
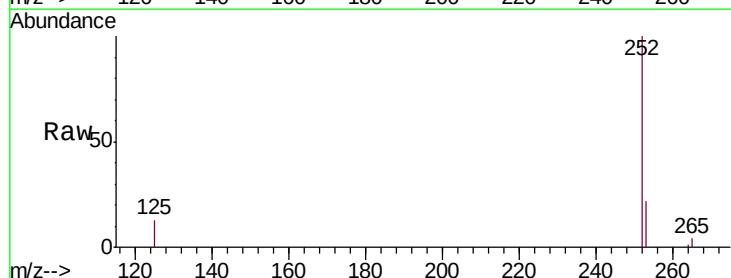
Tgt Ion:252 Resp: 29437

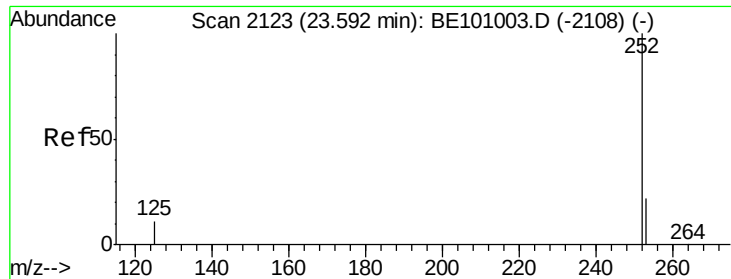
Ion Ratio Lower Upper

252 100

253 22.0 18.9 28.3

125 12.8 10.1 15.1





#37

Benzo(a)pyrene

Concen: 0.398 ng

RT: 23.58 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BE101086.D

Acq: 17 Jan 2020 15:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

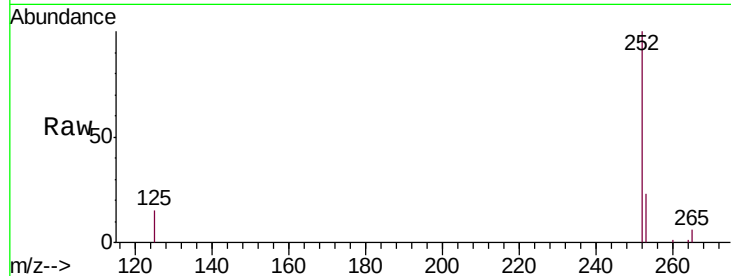
Tgt Ion:252 Resp: 21815

Ion Ratio Lower Upper

252 100

253 23.3 19.4 29.2

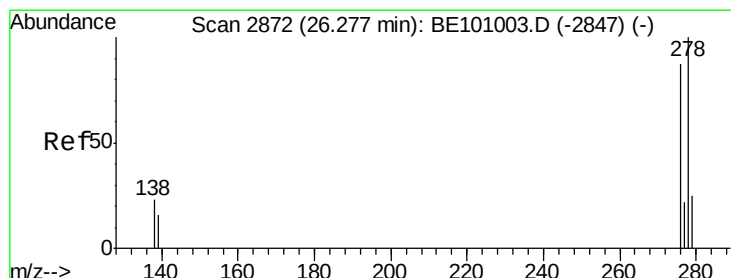
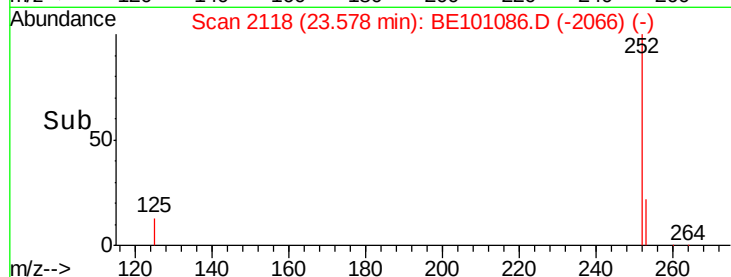
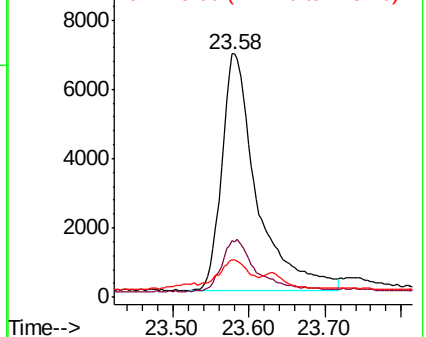
125 15.3 11.8 17.6



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: 0.331 ng

RT: 26.26 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BE101086.D

Acq: 17 Jan 2020 15:53

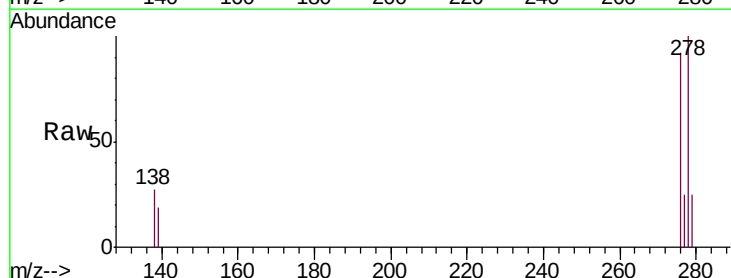
Tgt Ion:278 Resp: 16696

Ion Ratio Lower Upper

278 100

139 18.8 15.0 22.4

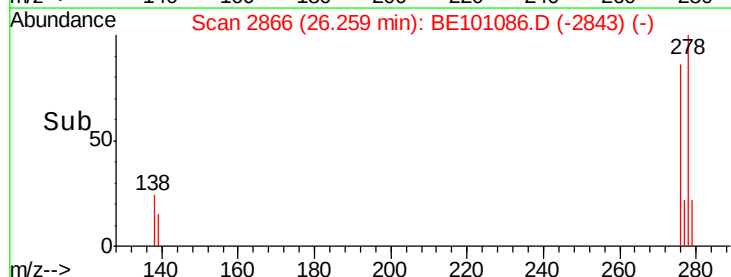
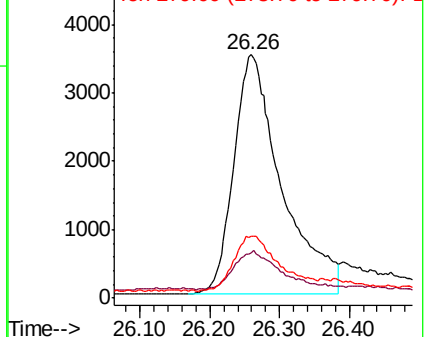
279 25.3 22.6 33.8

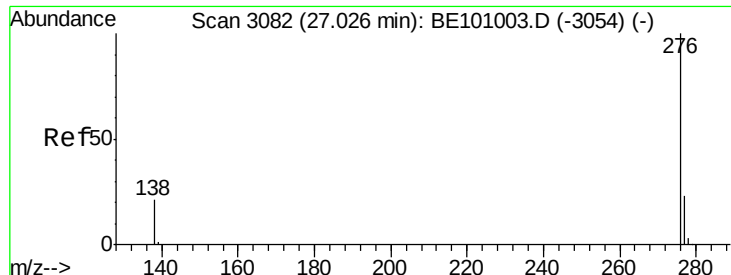


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.319 ng

RT: 27.01 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BE101086.D

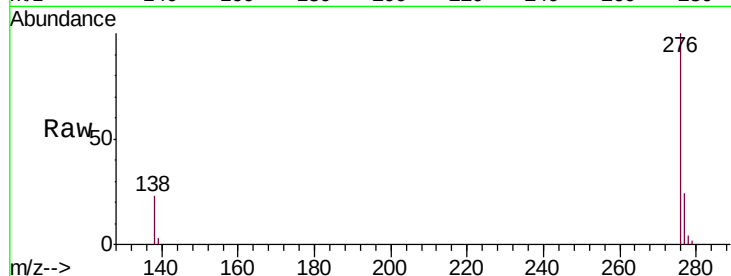
Acq: 17 Jan 2020 15:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



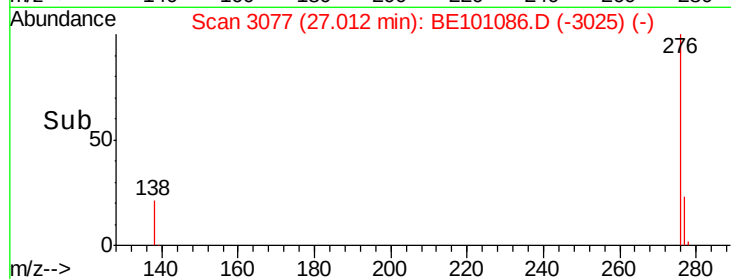
Tgt Ion: 276 Resp: 19792

Ion Ratio Lower Upper

276 100

277 24.4 19.4 29.2

138 22.8 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

