

Data File : BE101114.D
Acq On : 22 Jan 2020 13:17
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jan 23 04:05:24 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	2195	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	10051	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	6221	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	14488	0.40	ng	0.00
27) Chrysene-d12	21.28	240	15270	0.40	ng	0.00
34) Perylene-d12	23.70	264	18519	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.33	112	2045	0.41	ng	-0.01
5) Phenol-d6	6.92	99	2243	0.36	ng	0.00
8) Nitrobenzene-d5	8.89	82	2448	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	12.11	152	7588	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	300	0.17	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	9013	0.38	ng	-0.01
25) Fluoranthene-d10	19.13	212	79796	0.40	ng	0.00
29) Terphenyl-d14	19.73	244	13433	0.36	ng	0.00

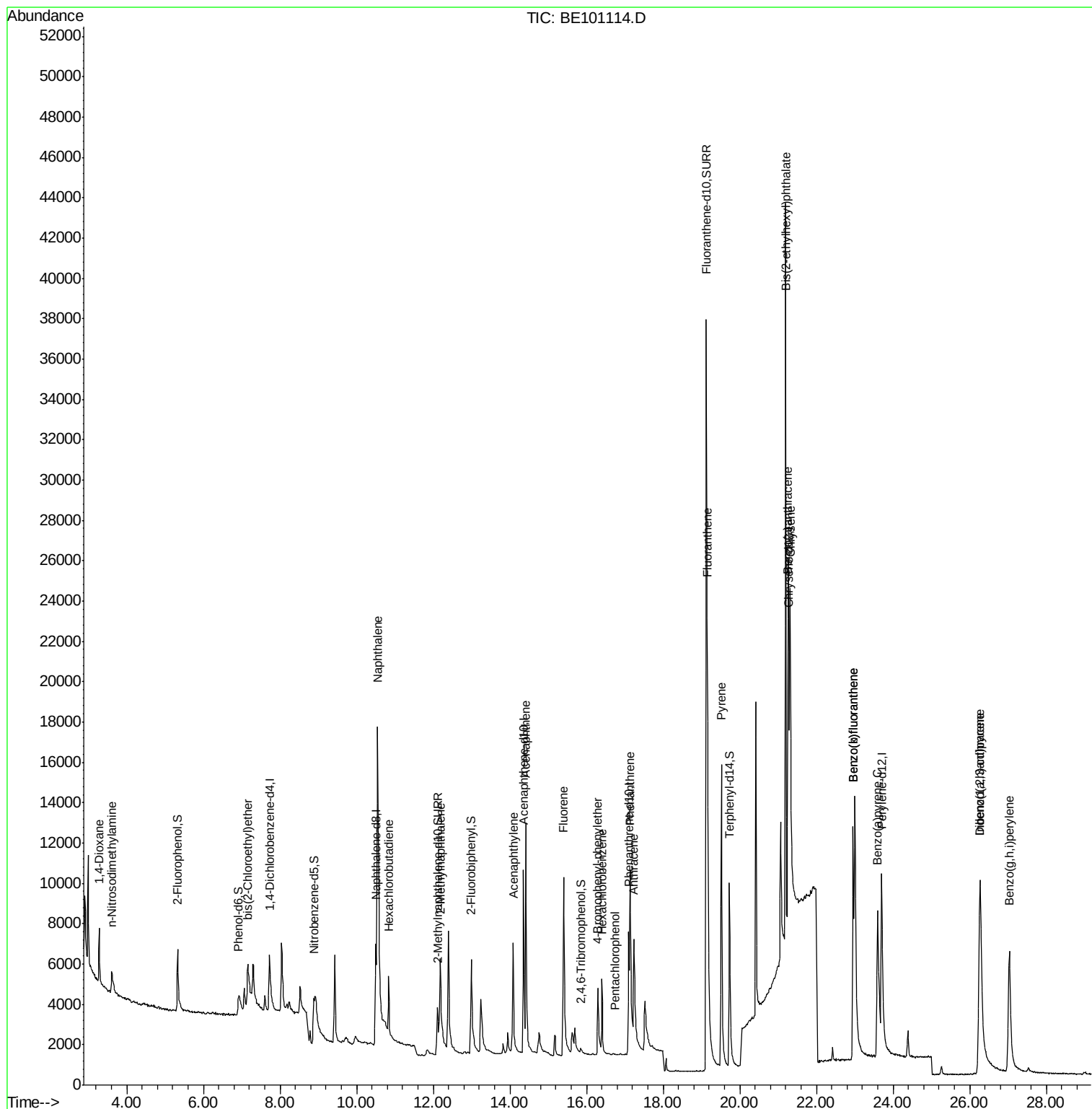
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	2076	0.389	ng	98
3) n-Nitrosodimethylamine	3.60	42	1081	0.354	ng	# 93
6) bis(2-Chloroethyl)ether	7.16	93	2298	0.309	ng	97
9) Naphthalene	10.55	128	43378	0.389	ng	99
10) Hexachlorobutadiene	10.83	225	2042	0.432	ng	97
12) 2-Methylnaphthalene	12.18	142	6335	0.375	ng	98
16) Acenaphthylene	14.08	152	9734	0.384	ng	99
17) Acenaphthene	14.41	154	6873	0.379	ng	99
18) Fluorene	15.39	166	8544	0.373	ng	97
20) 4-Bromophenyl-phenylether	16.29	248	2621	0.371	ng	# 89
21) Hexachlorobenzene	16.40	284	3145	0.406	ng	99
22) Pentachlorophenol	16.75	266	6	0.252	ng	# 70
23) Phenanthrene	17.13	178	14115	0.357	ng	99
24) Anthracene	17.23	178	14022	0.376	ng	98
26) Fluoranthene	19.16	202	19029	0.384	ng	100
28) Pyrene	19.52	202	19721	0.347	ng	99
30) Benzo(a)anthracene	21.26	228	15699	0.360	ng	99
31) Chrysene	21.32	228	26833	0.414	ng	99
32) Bis(2-ethylhexyl)phthalate	21.20	149	40676	0.560	ng	99
33) Indeno(1,2,3-cd)pyrene	26.26	276	22008	0.430	ng	96
35) Benzo(b)fluoranthene	22.96	252	17583	0.339	ng	99
36) Benzo(k)fluoranthene	22.96	252	17583	0.234	ng	99
37) Benzo(a)pyrene	23.59	252	19818	0.394	ng	97
38) Dibenzo(a,h)anthracene	26.28	278	17047	0.369	ng	95
39) Benzo(g,h,i)perylene	27.04	276	19329	0.340	ng	100

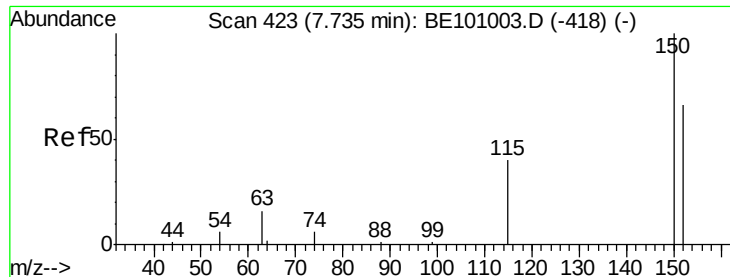
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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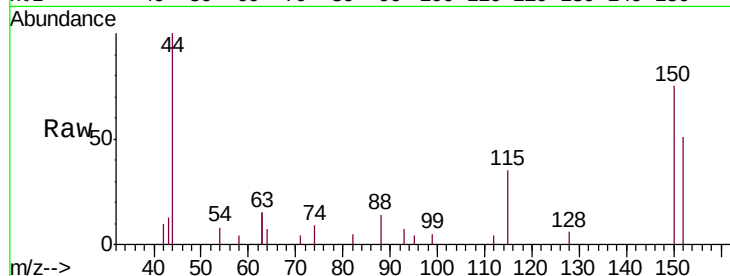


#1

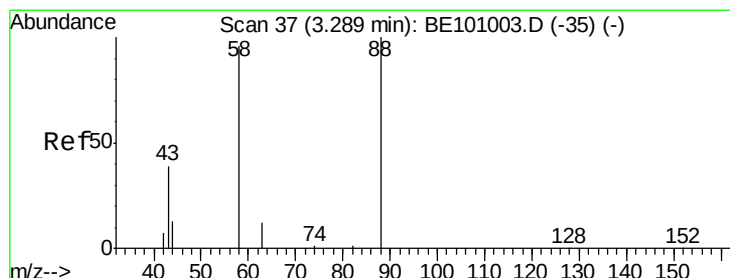
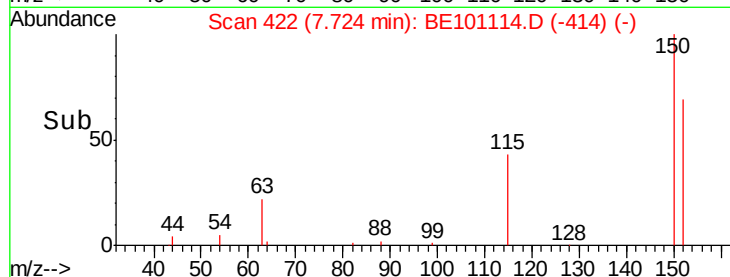
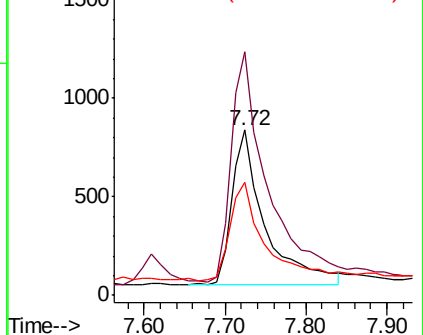
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101114.D
Acq: 22 Jan 2020 13:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2195
Ion Ratio Lower Upper
152 100
150 147.3 120.3 180.5
115 68.3 51.7 77.5



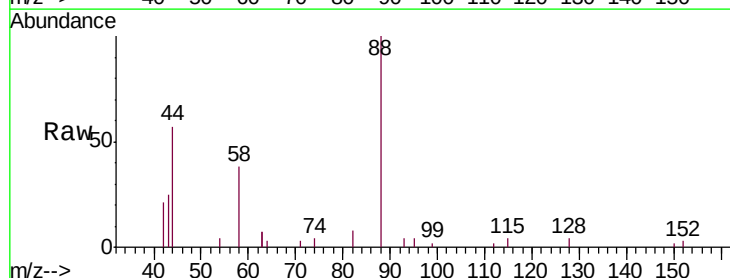
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



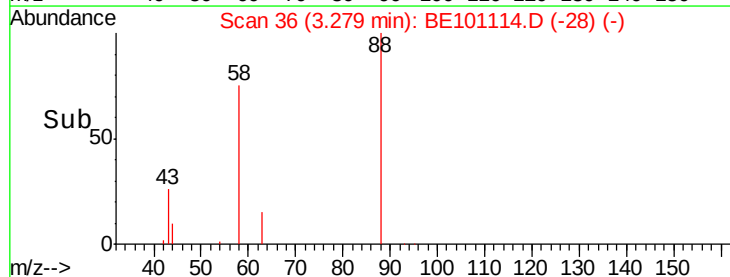
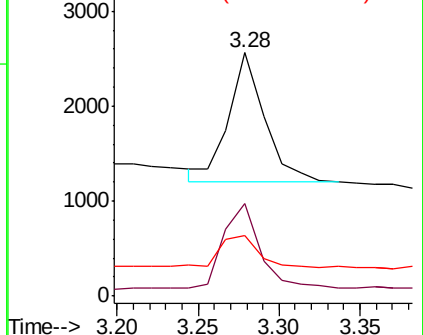
#2

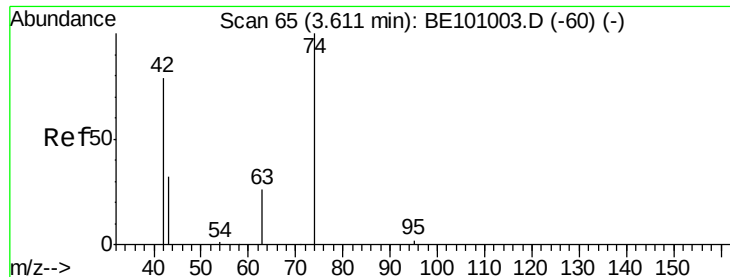
1,4-Dioxane
Concen: 0.389 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE101114.D
Acq: 22 Jan 2020 13:17

Tgt Ion: 88 Resp: 2076
Ion Ratio Lower Upper
88 100
58 66.6 53.0 79.4
43 26.8 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: 0.354 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE101114.D

Acq: 22 Jan 2020 13:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

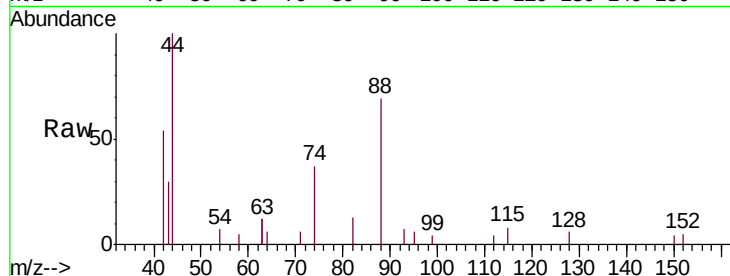
Tgt Ion: 42 Resp: 1081

Ion Ratio Lower Upper

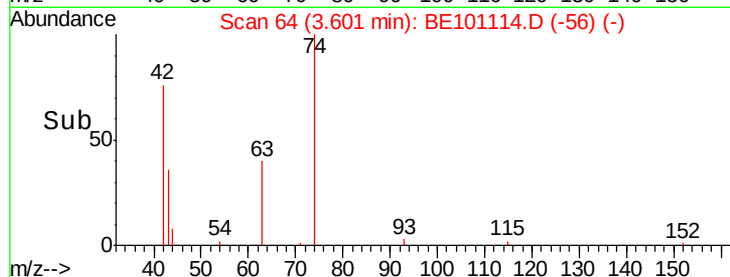
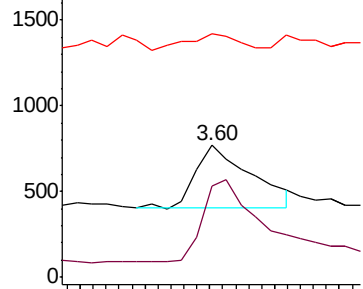
42 100

74 127.4 105.7 158.5

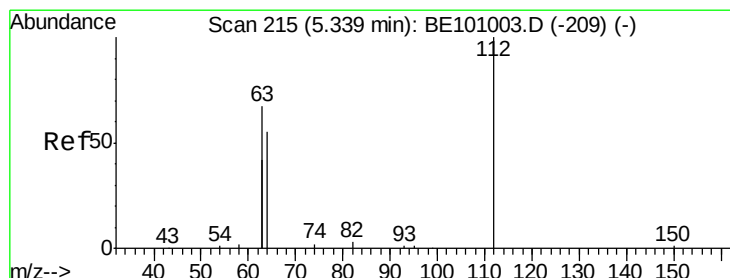
44 25.5 10.0 15.0#



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



Time-->



#4

2-Fluorophenol

Concen: 0.414 ng

RT: 5.33 min Scan# 214

Delta R.T. -0.01 min

Lab File: BE101114.D

Acq: 22 Jan 2020 13:17

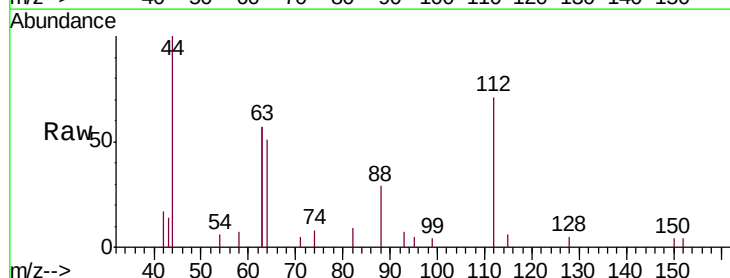
Tgt Ion: 112 Resp: 2045

Ion Ratio Lower Upper

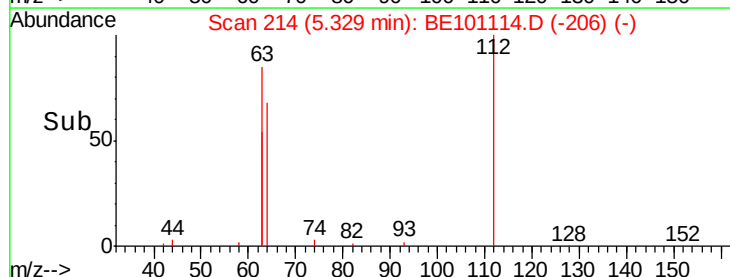
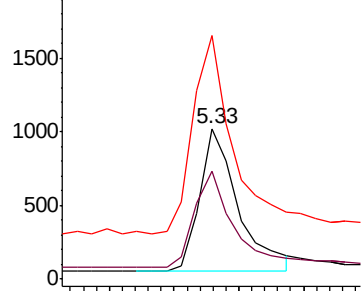
112 100

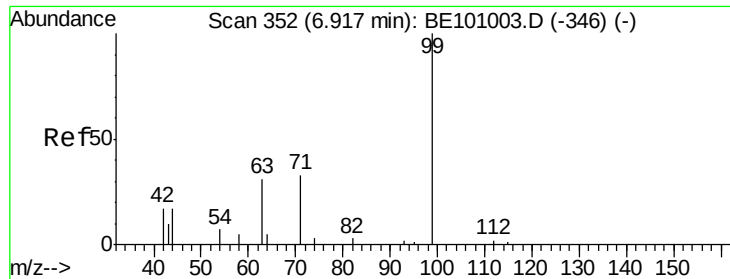
64 67.7 53.6 80.4

63 144.6 114.6 172.0



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: 0.359 ng

RT: 6.92 min Scan# 352

Delta R.T. 0.00 min

Lab File: BE101114.D

Acq: 22 Jan 2020 13:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

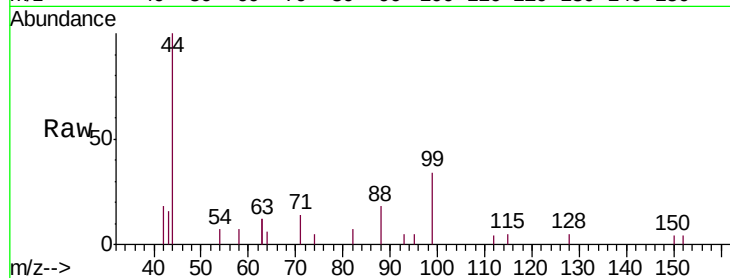
Tgt Ion: 99 Resp: 2243

Ion Ratio Lower Upper

99 100

42 23.8 18.3 27.5

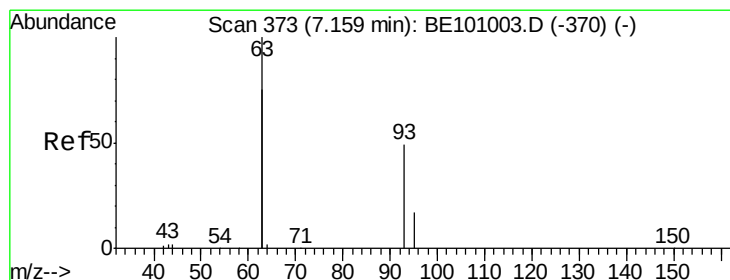
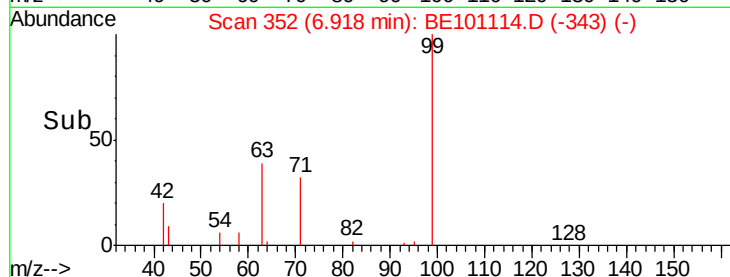
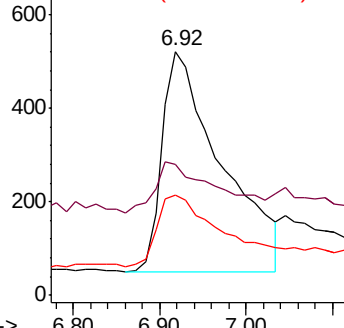
71 36.1 28.0 42.0



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: 0.309 ng

RT: 7.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: BE101114.D

Acq: 22 Jan 2020 13:17

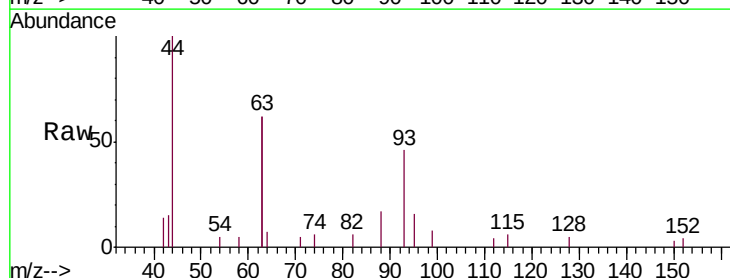
Tgt Ion: 93 Resp: 2298

Ion Ratio Lower Upper

93 100

63 286.7 233.9 350.9

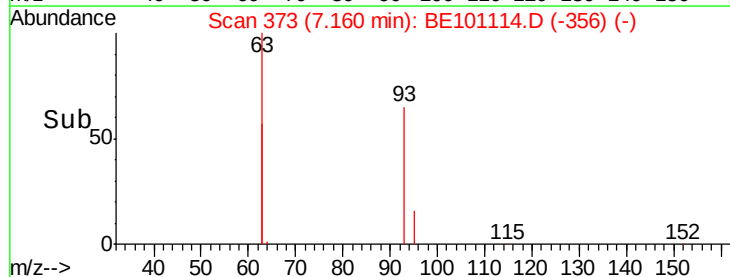
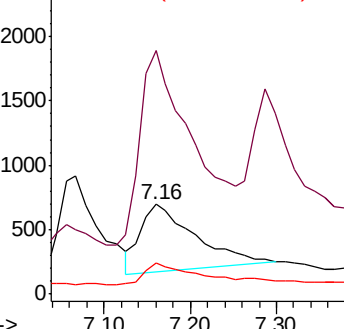
95 33.2 23.5 35.3

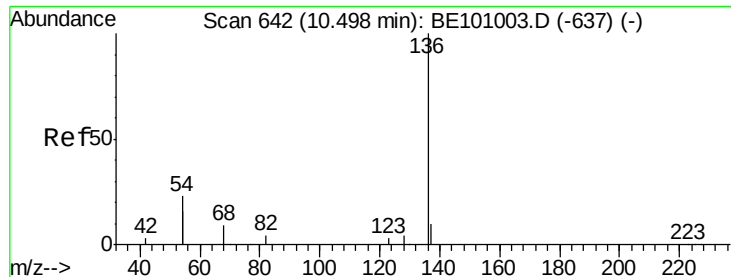


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: BE101114.D

Acq: 22 Jan 2020 13:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 10051

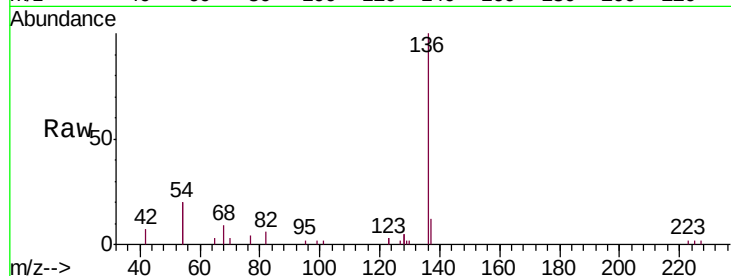
Ion Ratio Lower Upper

136 100

137 12.2 9.3 13.9

54 39.5 36.8 55.2

68 8.6 8.4 12.6

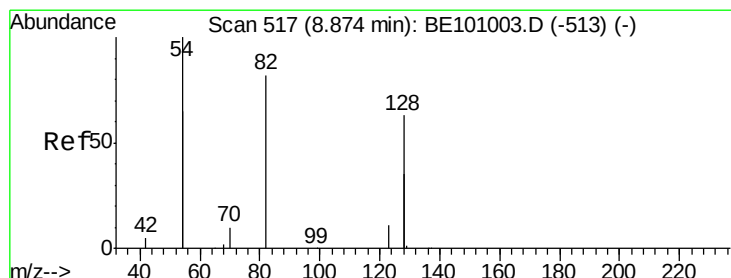
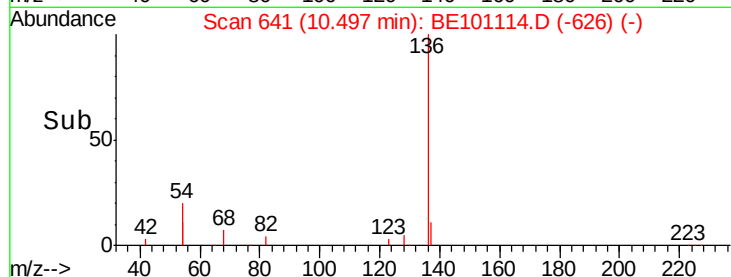
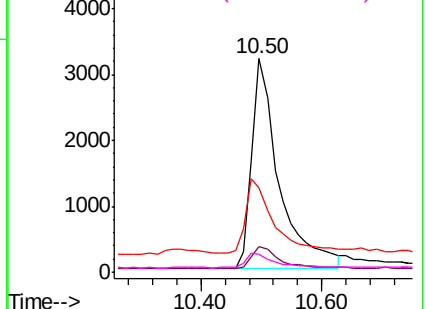


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.341 ng

RT: 8.89 min Scan# 517

Delta R.T. 0.01 min

Lab File: BE101114.D

Acq: 22 Jan 2020 13:17

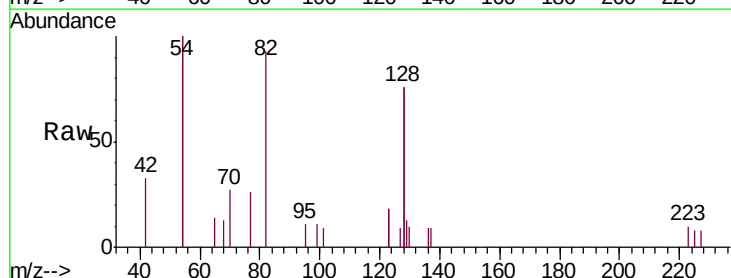
Tgt Ion: 82 Resp: 2448

Ion Ratio Lower Upper

82 100

128 163.2 109.8 164.6

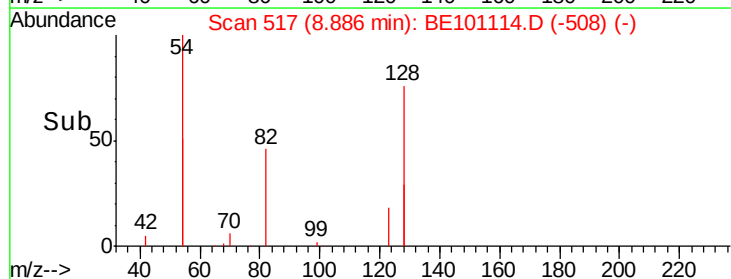
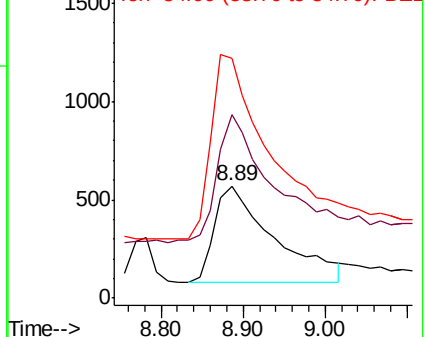
54 214.0 174.5 261.7

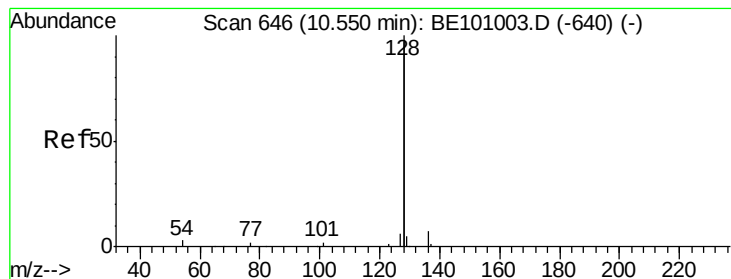


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.389 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE101114.D

Acq: 22 Jan 2020 13:17

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ClientSampleId :

SSTDCCC0.4

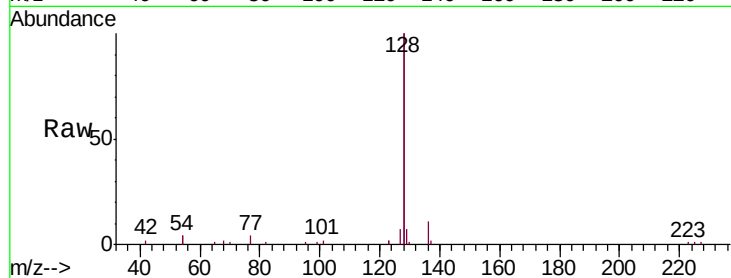
Tgt Ion:128 Resp: 43378

Ion Ratio Lower Upper

128 100

129 3.4 2.3 3.5

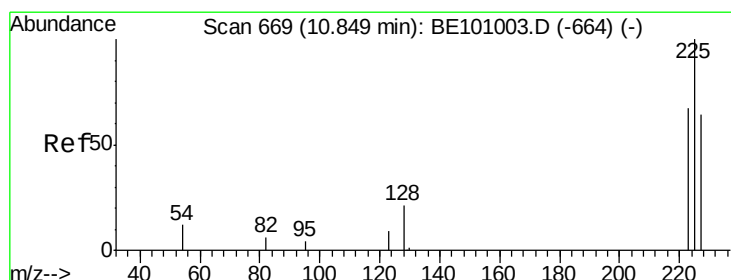
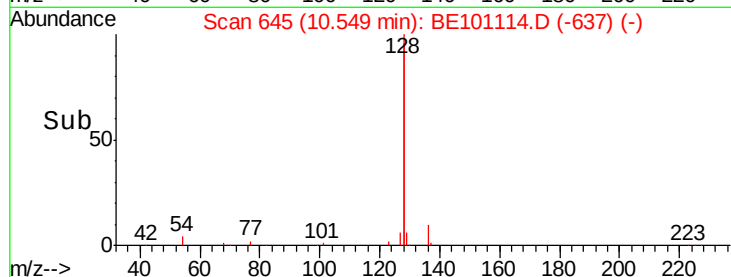
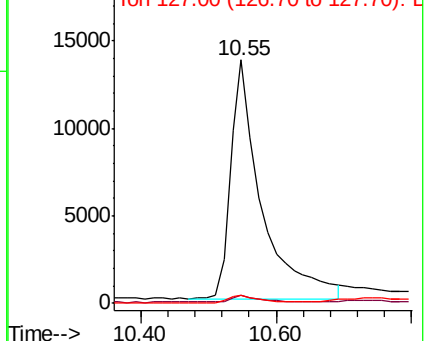
127 3.4 2.7 4.1



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: 0.432 ng

RT: 10.83 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE101114.D

Acq: 22 Jan 2020 13:17

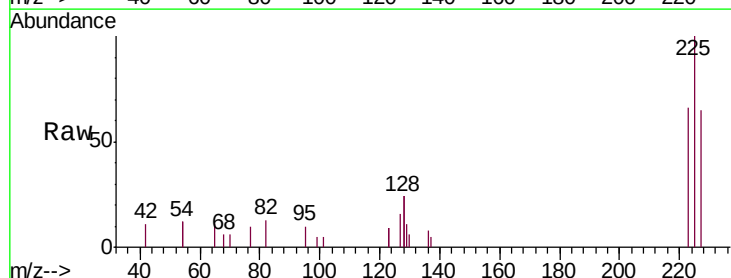
Tgt Ion:225 Resp: 2042

Ion Ratio Lower Upper

225 100

223 62.3 52.2 78.4

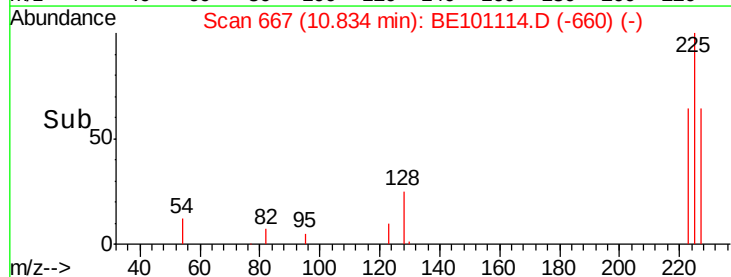
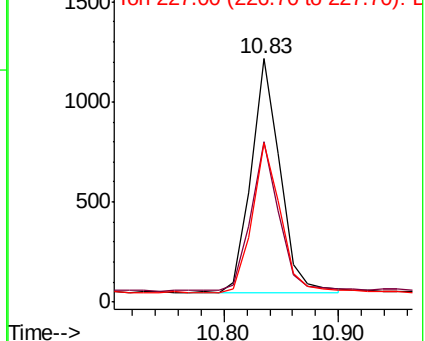
227 63.8 49.9 74.9

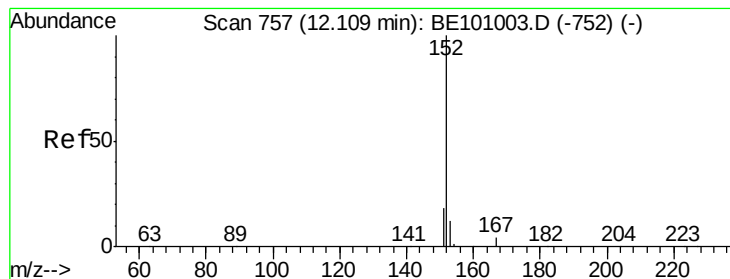


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.396 ng

RT: 12.11 min Scan# 756

Delta R.T. 0.00 min

Lab File: BE101114.D

Acq: 22 Jan 2020 13:17

Instrument :

BNA_E

ClientSampleId :

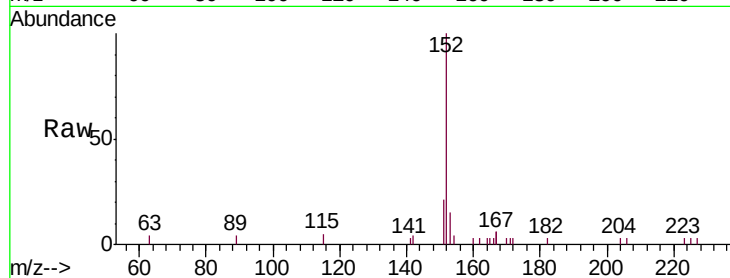
SSTDCCC0.4

Tgt Ion:152 Resp: 7588

Ion Ratio Lower Upper

152 100

151 18.1 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.11

2000

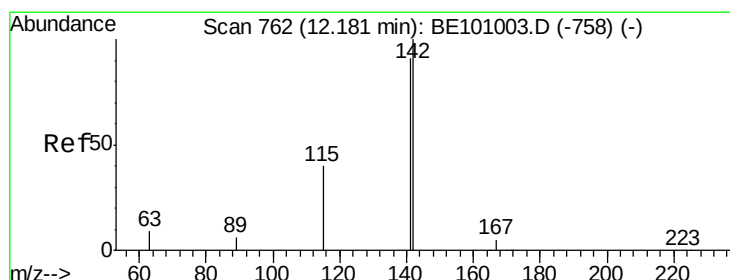
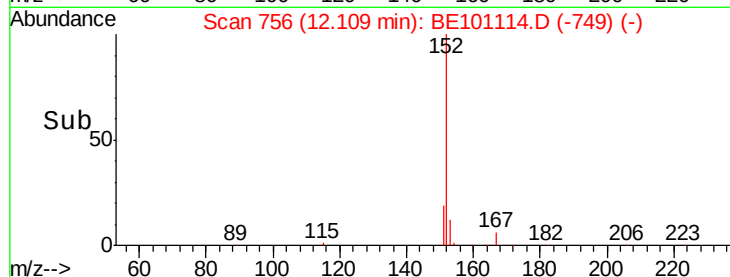
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.375 ng

RT: 12.18 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE101114.D

Acq: 22 Jan 2020 13:17

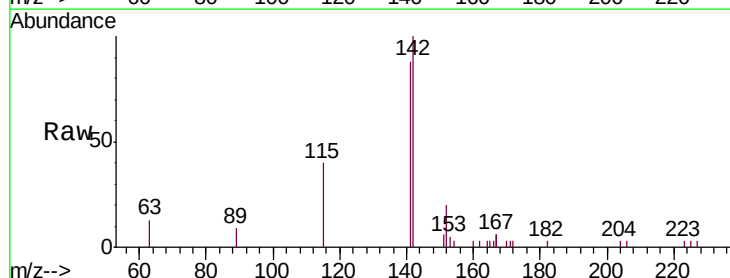
Tgt Ion:142 Resp: 6335

Ion Ratio Lower Upper

142 100

141 88.4 72.5 108.7

115 40.1 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

3000

2500

2000

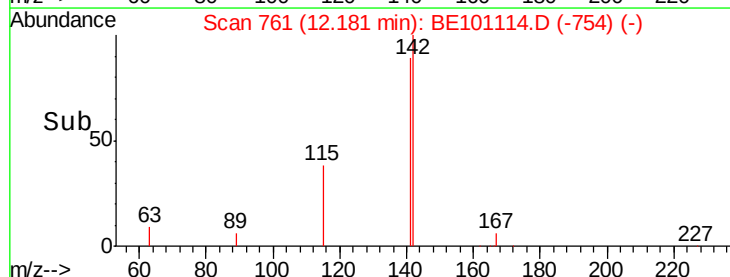
1500

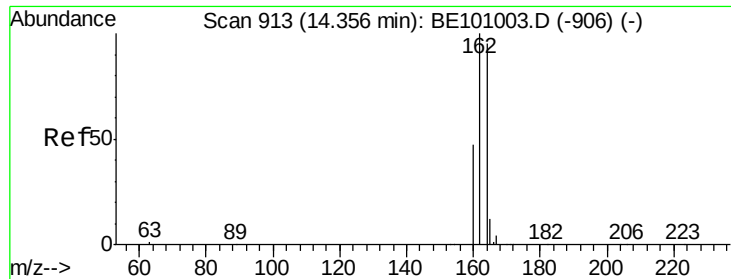
1000

500

0

Time-->

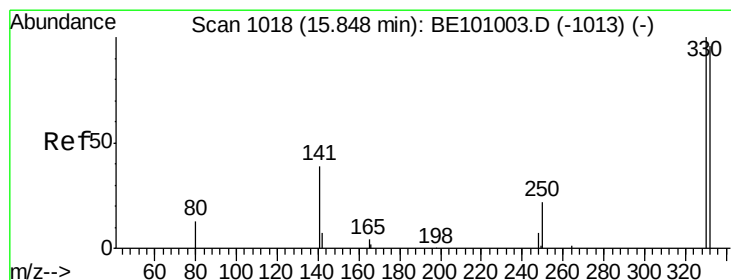
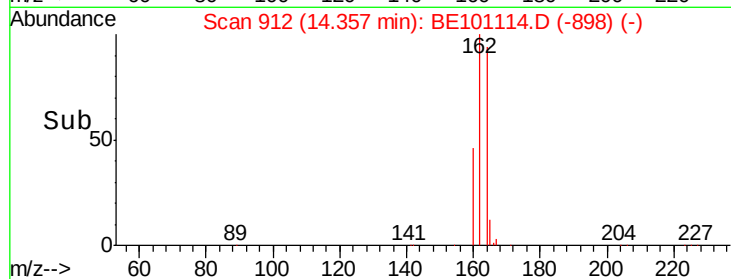
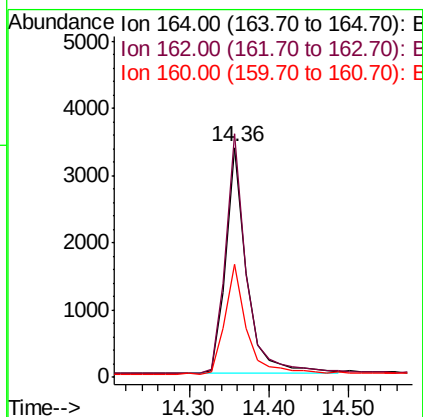
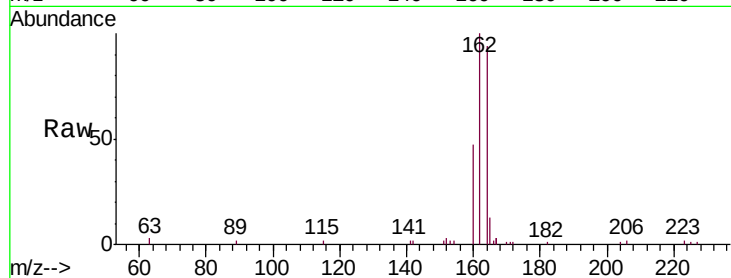




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.36 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BE101114.D
 Acq: 22 Jan 2020 13:17

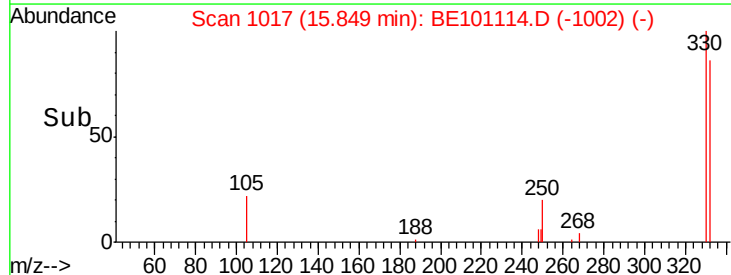
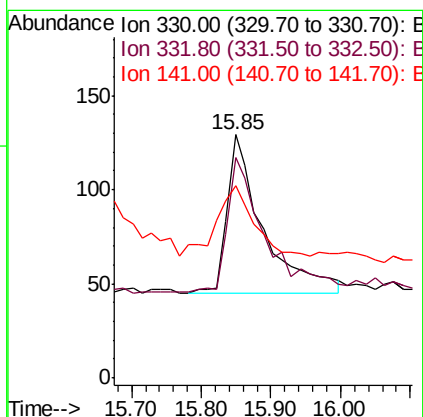
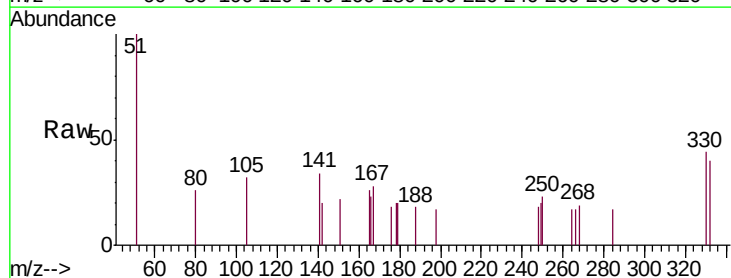
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

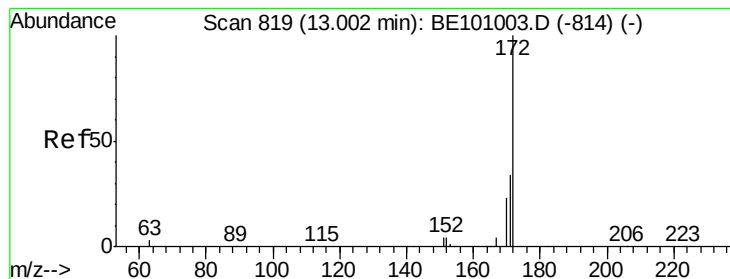
Tgt Ion:164 Resp: 6221
 Ion Ratio Lower Upper
 164 100
 162 106.0 84.1 126.1
 160 49.3 40.4 60.6



#14
 2,4,6-Tribromophenol
 Concen: 0.171 ng
 RT: 15.85 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BE101114.D
 Acq: 22 Jan 2020 13:17

Tgt Ion:330 Resp: 300
 Ion Ratio Lower Upper
 330 100
 332 86.7 78.4 117.6
 141 44.7 37.0 55.4





#15

2-Fluorobiphenyl

Concen: 0.381 ng

RT: 12.99 min Scan# 817

Delta R.T. -0.01 min

Lab File: BE101114.D

Acq: 22 Jan 2020 13:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

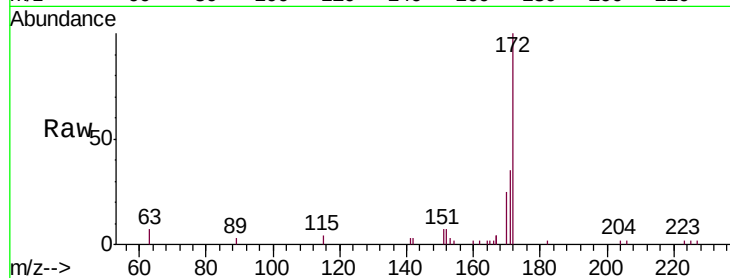
Tgt Ion:172 Resp: 9013

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

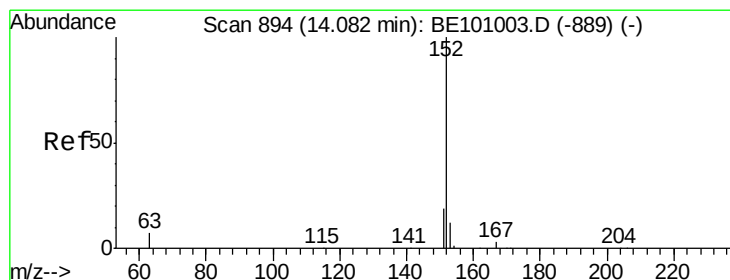
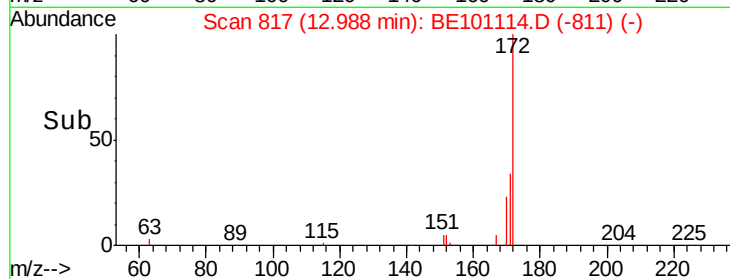
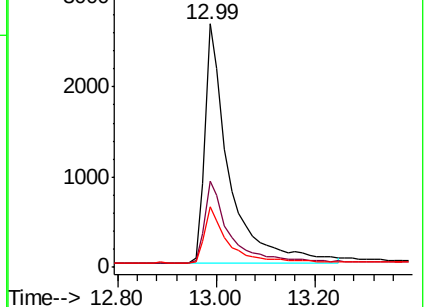
170 24.9 18.9 28.3



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: 0.384 ng

RT: 14.08 min Scan# 893

Delta R.T. 0.00 min

Lab File: BE101114.D

Acq: 22 Jan 2020 13:17

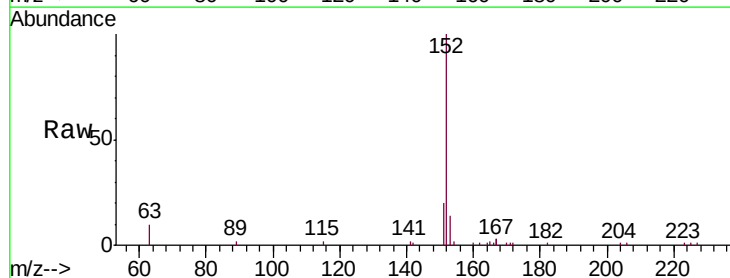
Tgt Ion:152 Resp: 9734

Ion Ratio Lower Upper

152 100

151 19.7 15.5 23.3

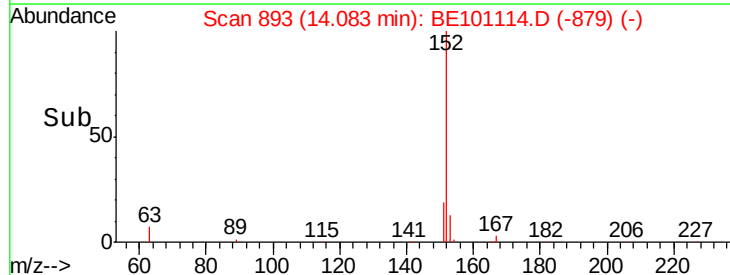
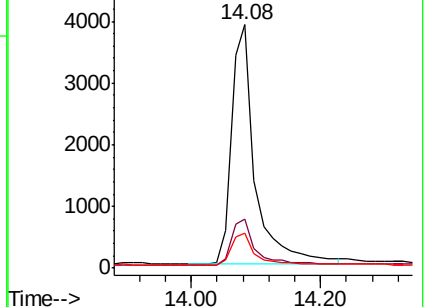
153 13.3 10.4 15.6

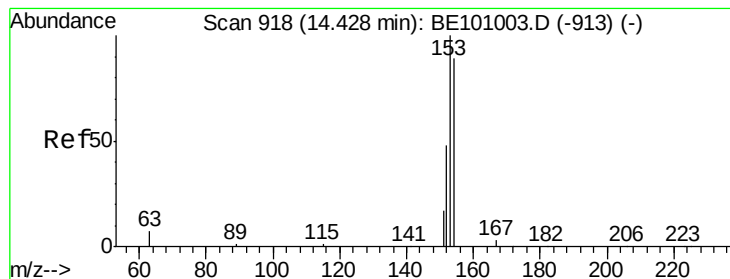


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.379 ng

RT: 14.41 min Scan# 916

Delta R.T. -0.01 min

Lab File: BE101114.D

Acq: 22 Jan 2020 13:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

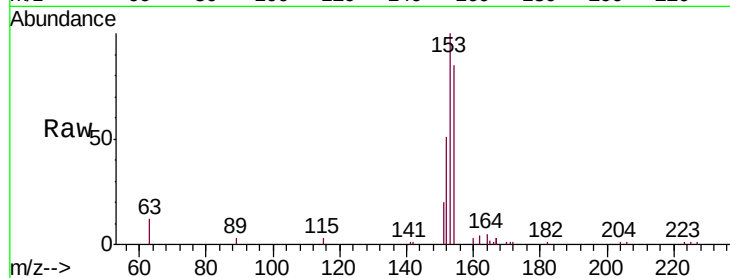
Tgt Ion:154 Resp: 6873

Ion Ratio Lower Upper

154 100

153 115.9 93.6 140.4

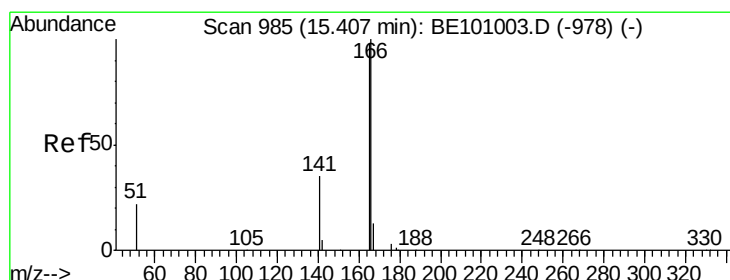
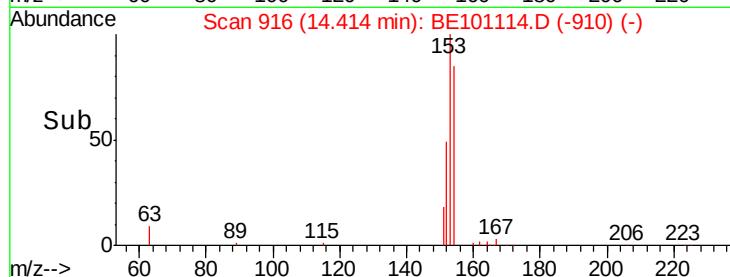
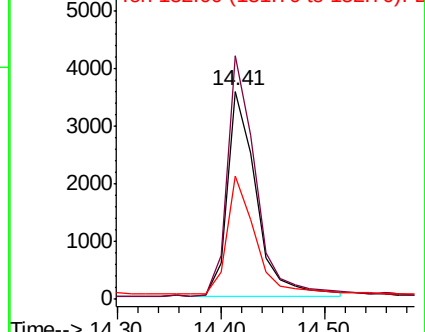
152 57.0 46.3 69.5



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: 0.373 ng

RT: 15.39 min Scan# 983

Delta R.T. -0.01 min

Lab File: BE101114.D

Acq: 22 Jan 2020 13:17

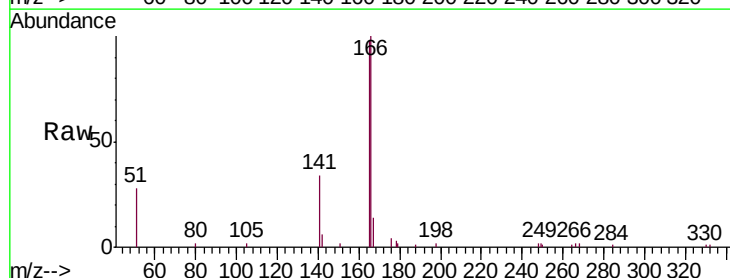
Tgt Ion:166 Resp: 8544

Ion Ratio Lower Upper

166 100

165 97.1 79.8 119.8

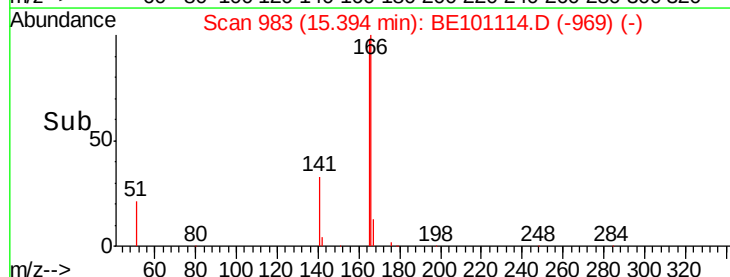
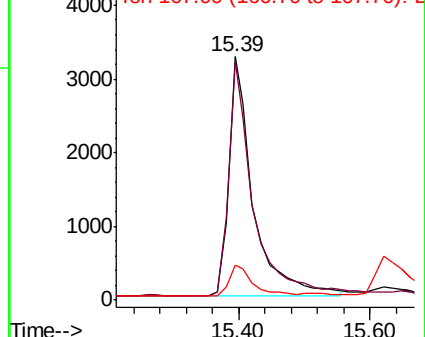
167 13.2 11.0 16.6

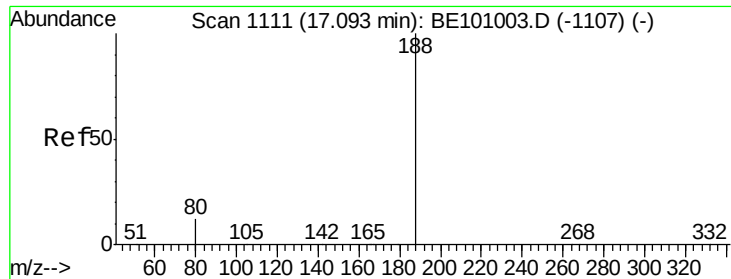


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE101114.D

Acq: 22 Jan 2020 13:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

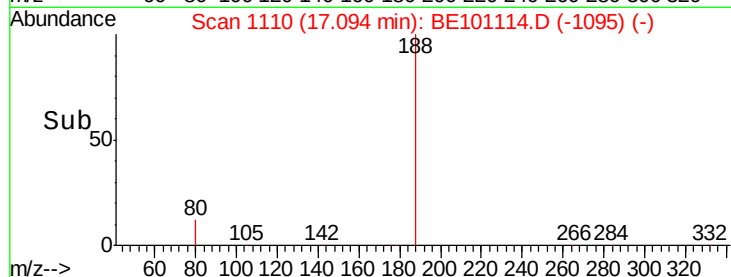
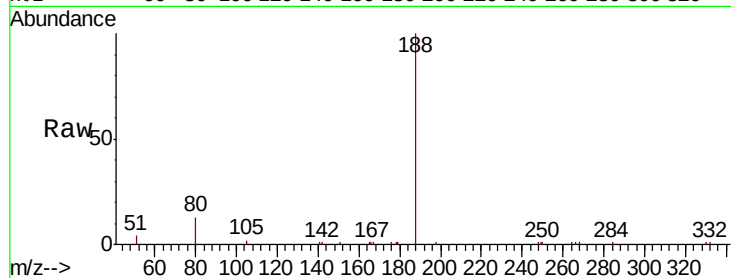
Tgt Ion:188 Resp: 14488

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

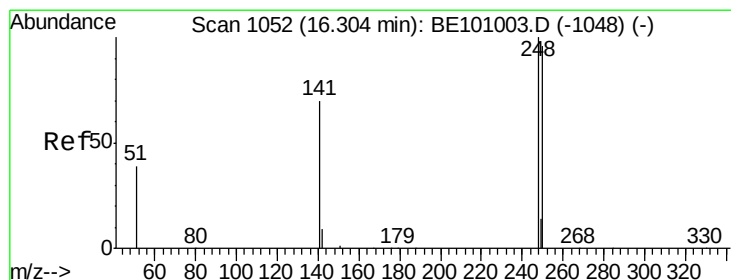
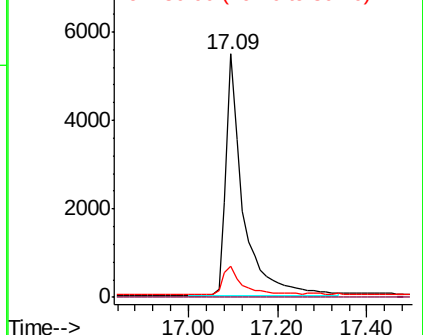
80 12.8 10.8 16.2



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: 0.371 ng

RT: 16.29 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BE101114.D

Acq: 22 Jan 2020 13:17

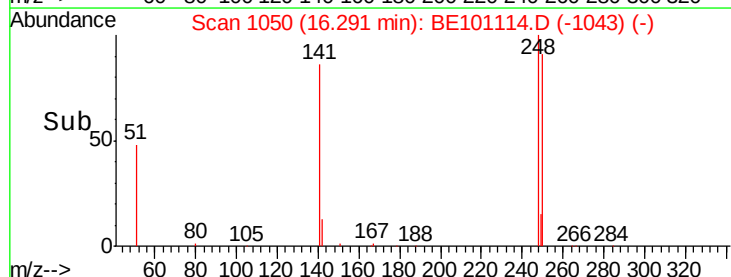
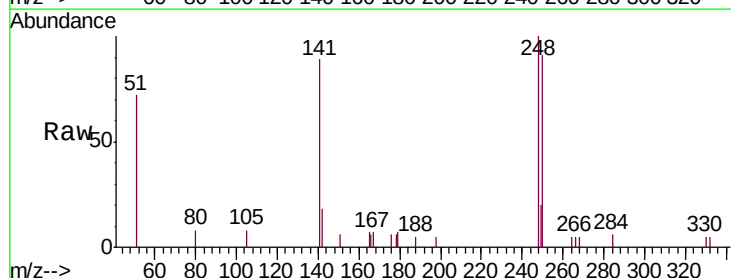
Tgt Ion:248 Resp: 2621

Ion Ratio Lower Upper

248 100

250 91.4 76.6 115.0

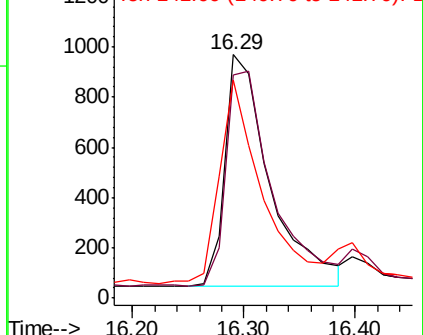
141 89.4 57.7 86.5#

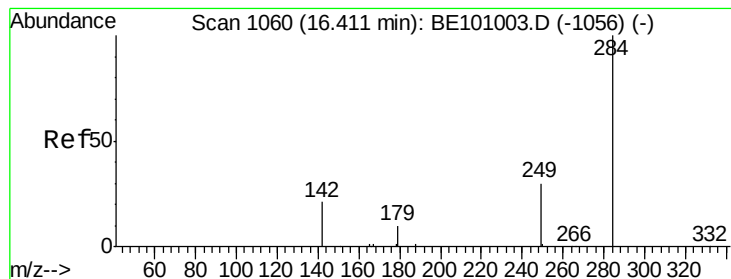


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.406 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE101114.D

Acq: 22 Jan 2020 13:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

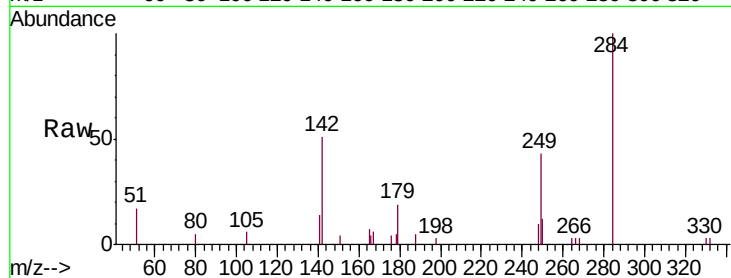
Tgt Ion:284 Resp: 3145

Ion Ratio Lower Upper

284 100

142 41.1 34.0 51.0

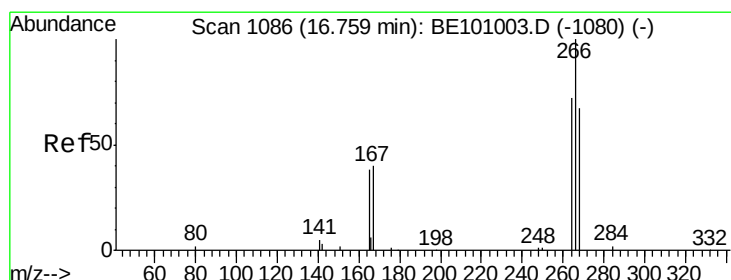
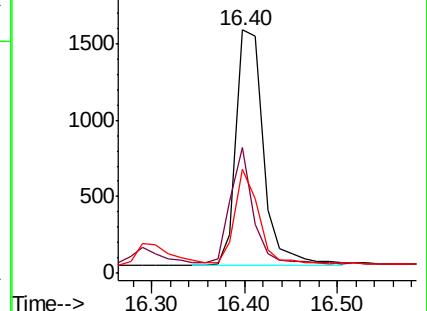
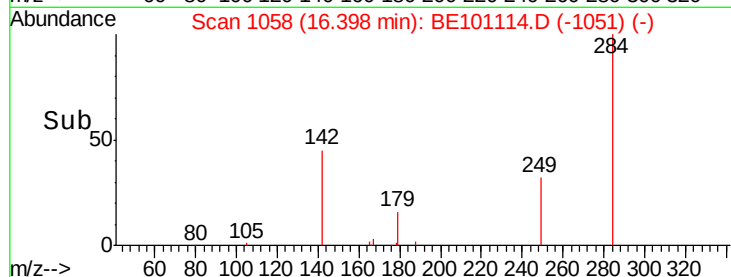
249 35.1 28.2 42.4



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: 16.75 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BE101114.D

Acq: 22 Jan 2020 13:17

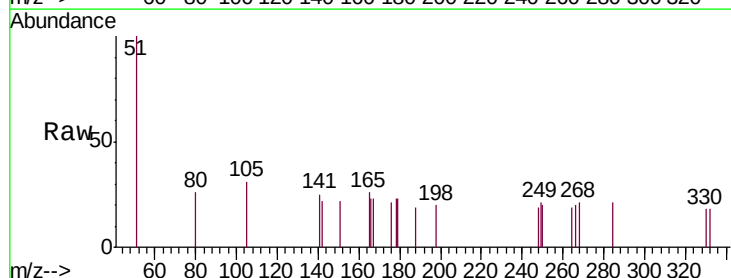
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 94.2 61.0 91.4#

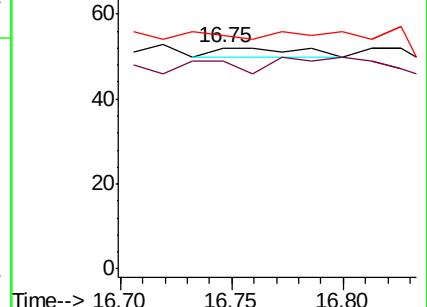
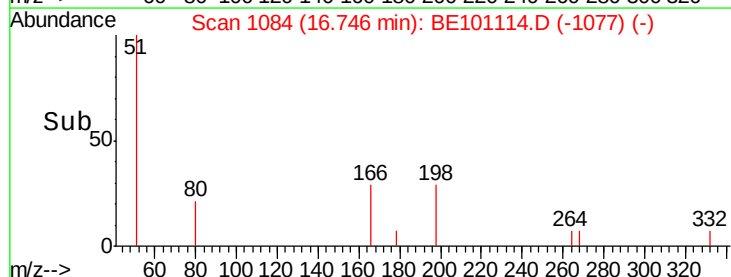
268 105.8 58.5 87.7#

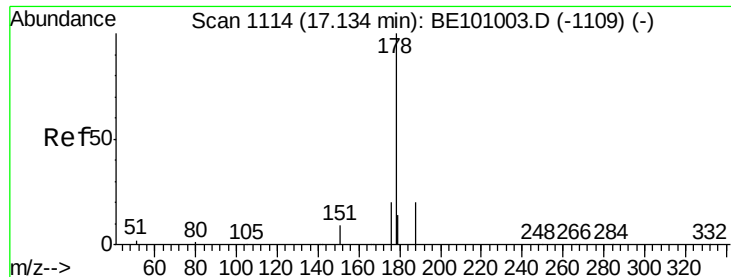


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.357 ng

RT: 17.13 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE101114.D

Acq: 22 Jan 2020 13:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

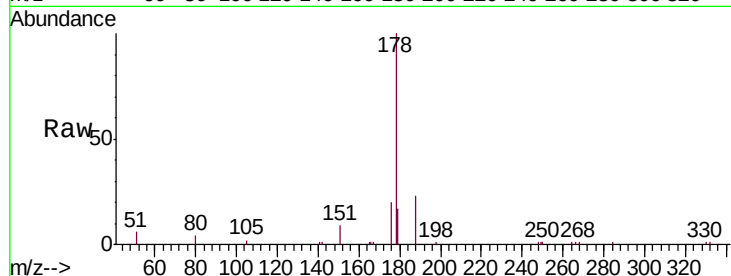
Tgt Ion:178 Resp: 14115

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

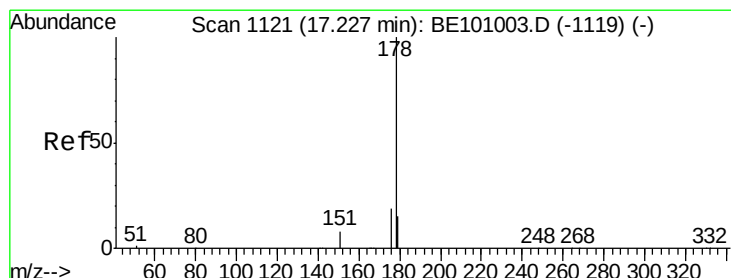
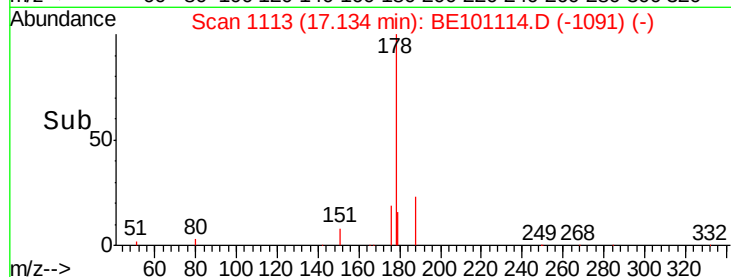
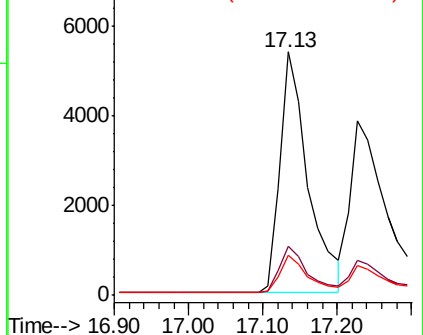
179 15.4 12.0 18.0



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: 0.376 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE101114.D

Acq: 22 Jan 2020 13:17

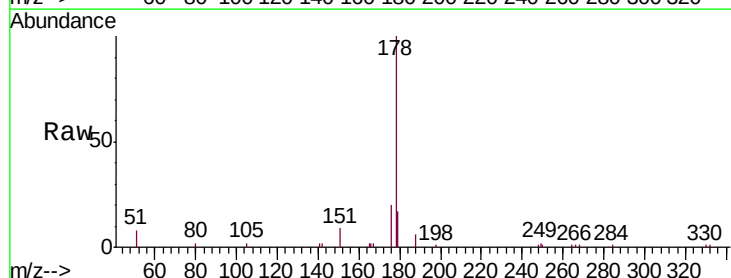
Tgt Ion:178 Resp: 14022

Ion Ratio Lower Upper

178 100

176 19.3 14.8 22.2

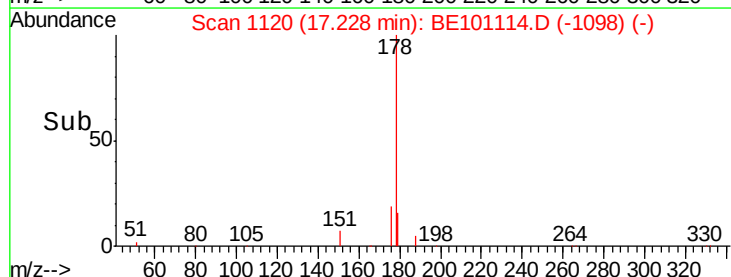
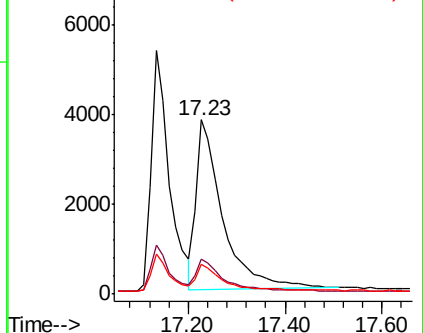
179 14.9 12.4 18.6

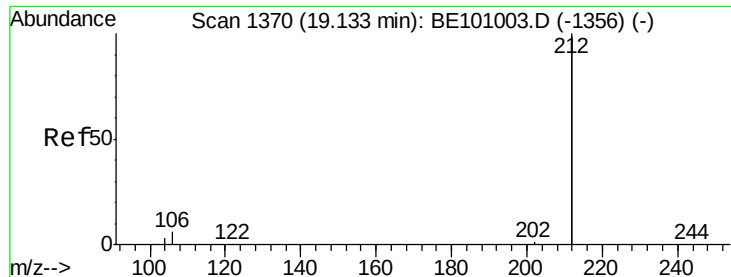


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.397 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BE101114.D

Acq: 22 Jan 2020 13:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

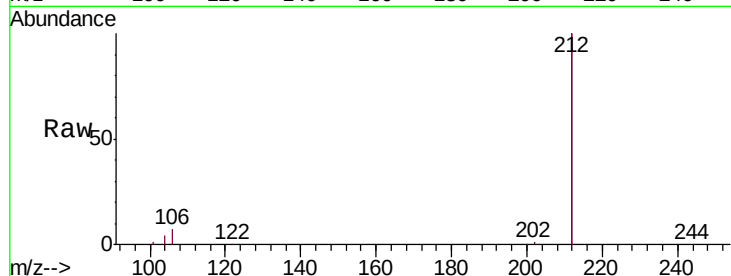
Tgt Ion:212 Resp: 79796

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

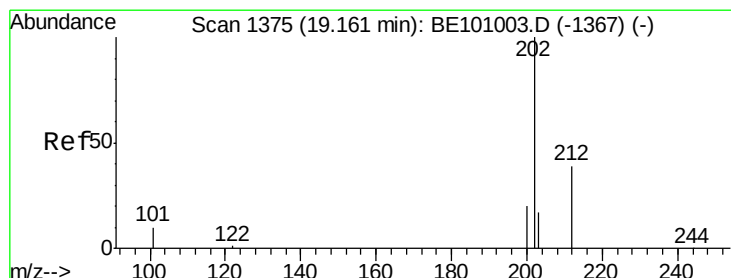
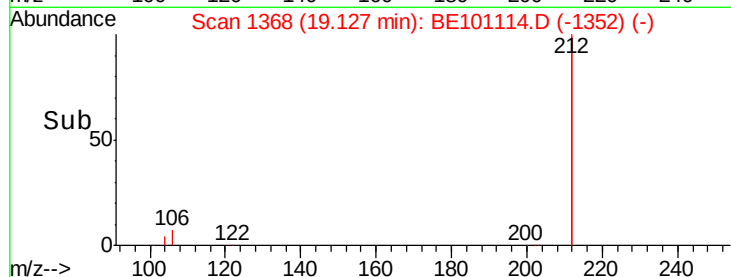
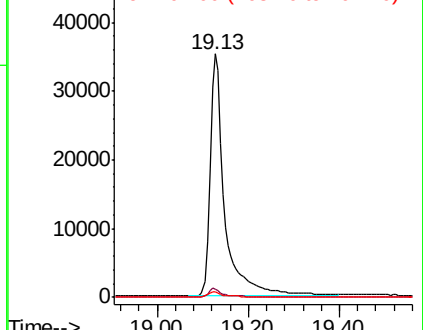
104 1.8 1.4 2.0



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: 0.384 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE101114.D

Acq: 22 Jan 2020 13:17

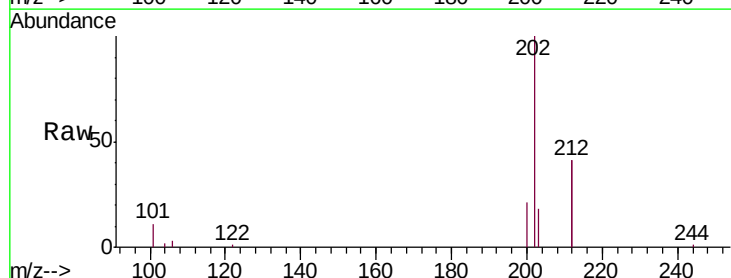
Tgt Ion:202 Resp: 19029

Ion Ratio Lower Upper

202 100

101 11.7 9.6 14.4

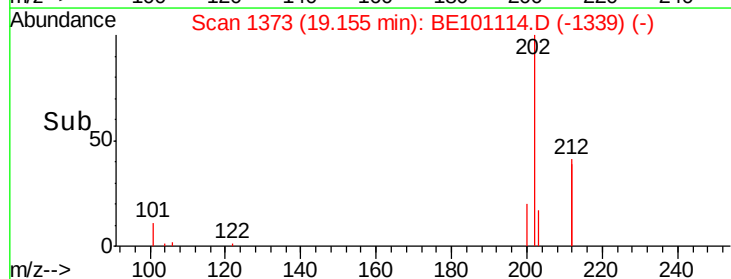
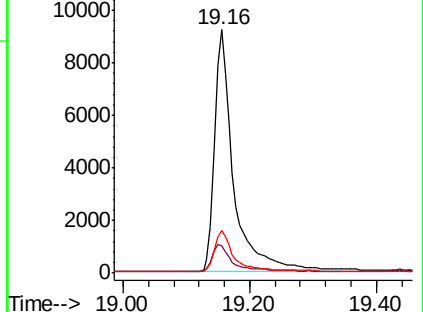
203 17.2 13.8 20.6

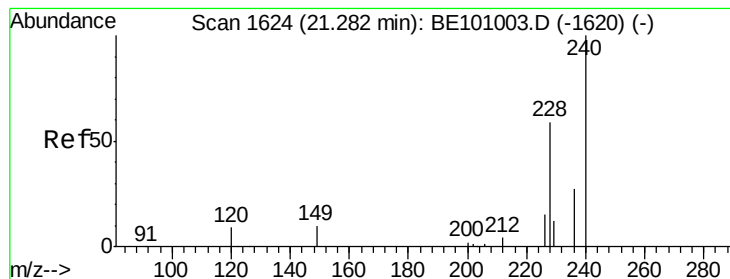


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE101114.D

Acq: 22 Jan 2020 13:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

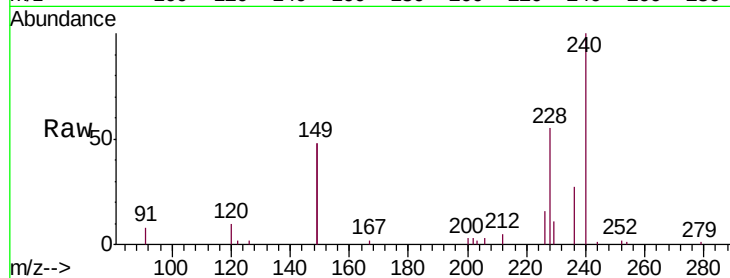
Tgt Ion:240 Resp: 15270

Ion Ratio Lower Upper

240 100

120 9.5 8.6 13.0

236 27.4 22.2 33.4

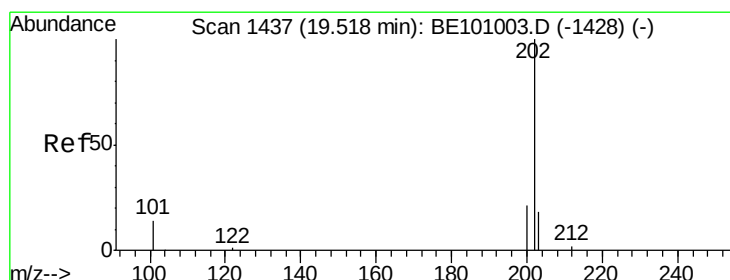
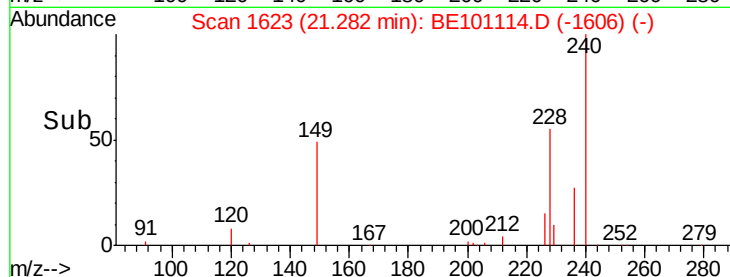
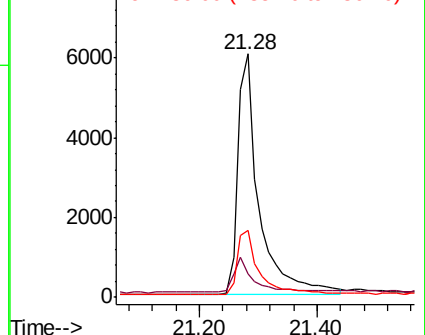


Abundance

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: 0.347 ng

RT: 19.52 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BE101114.D

Acq: 22 Jan 2020 13:17

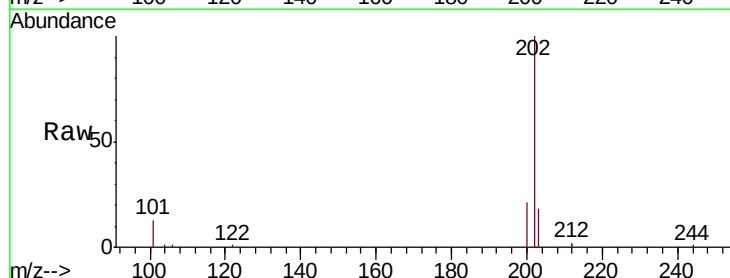
Tgt Ion:202 Resp: 19721

Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.4

203 17.3 13.8 20.6

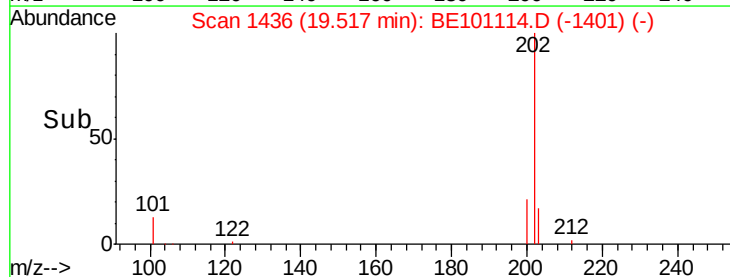
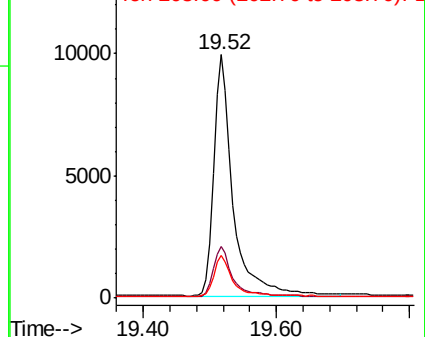


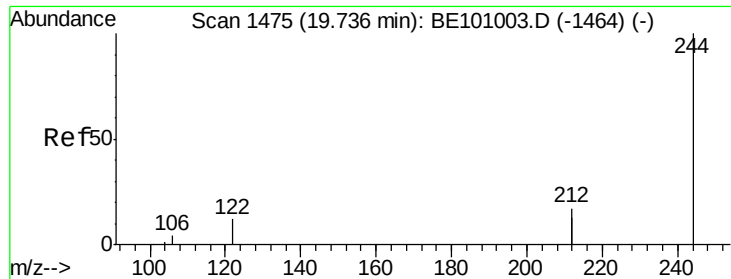
Abundance

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: 0.358 ng

RT: 19.73 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BE101114.D

Acq: 22 Jan 2020 13:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

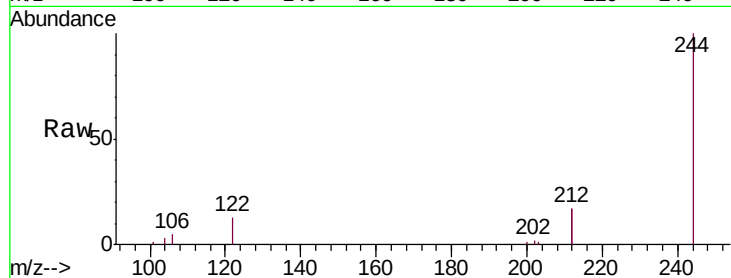
Tgt Ion:244 Resp: 13433

Ion Ratio Lower Upper

244 100

212 34.7 27.2 40.8

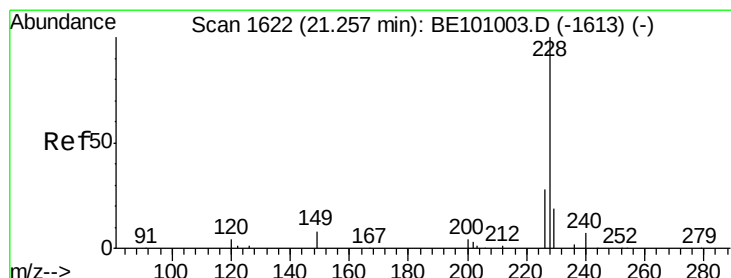
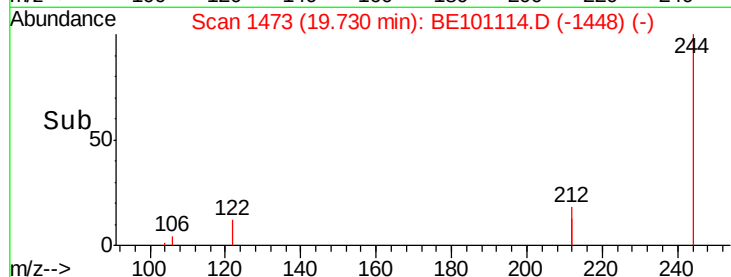
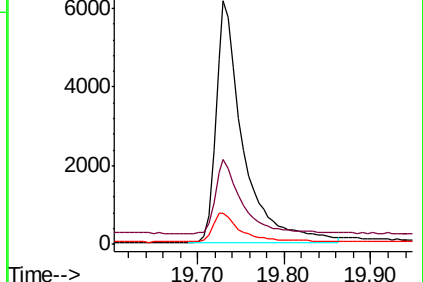
122 12.8 9.8 14.8



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: 0.360 ng

RT: 21.26 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BE101114.D

Acq: 22 Jan 2020 13:17

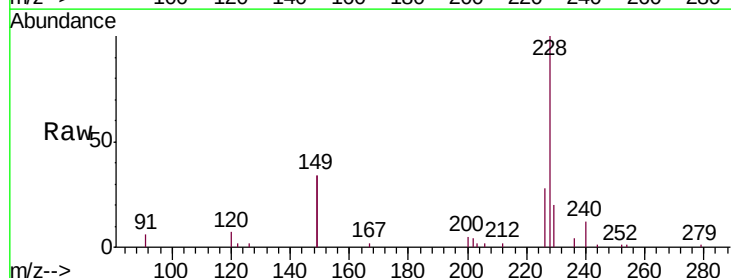
Tgt Ion:228 Resp: 15699

Ion Ratio Lower Upper

228 100

226 28.1 22.7 34.1

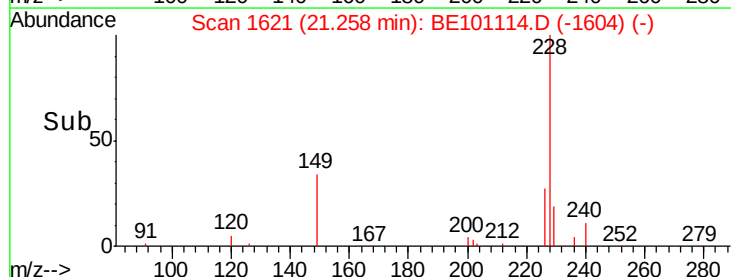
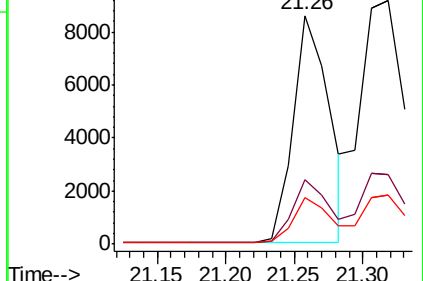
229 20.1 15.5 23.3

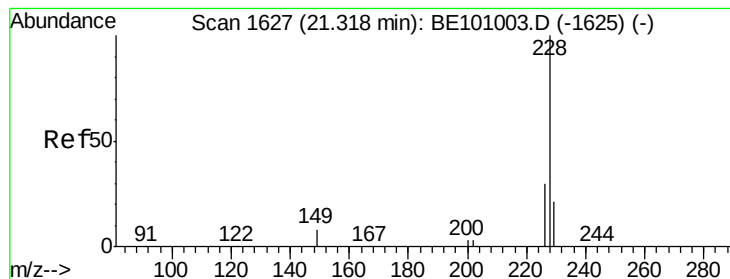


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.414 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE101114.D

Acq: 22 Jan 2020 13:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

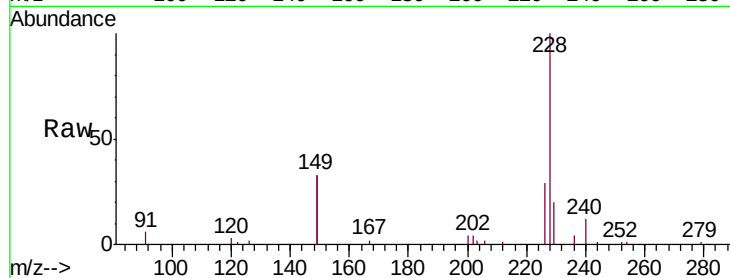
Tgt Ion: 228 Resp: 26833

Ion Ratio Lower Upper

228 100

226 28.8 23.5 35.3

229 20.4 16.7 25.1

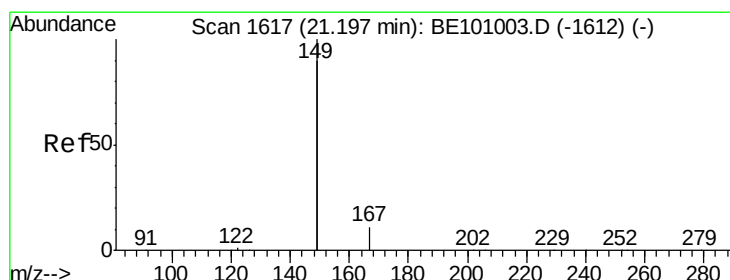
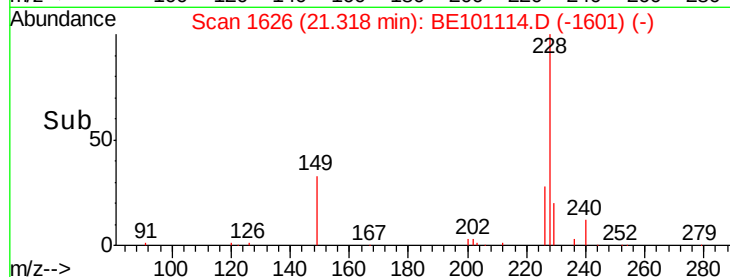
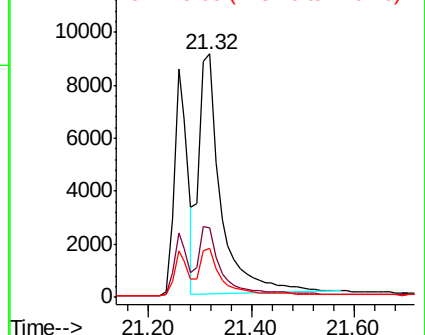


Abundance

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: 0.560 ng

RT: 21.20 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BE101114.D

Acq: 22 Jan 2020 13:17

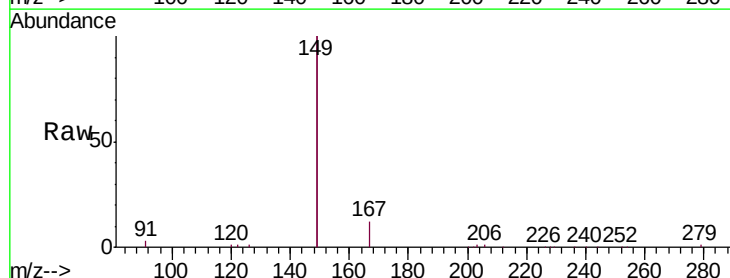
Tgt Ion: 149 Resp: 40676

Ion Ratio Lower Upper

149 100

167 6.3 5.2 7.8

279 0.8 0.8 1.2

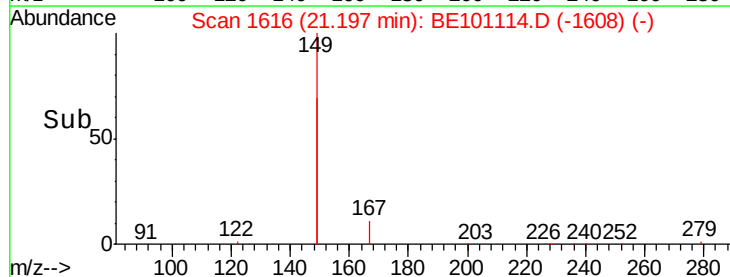
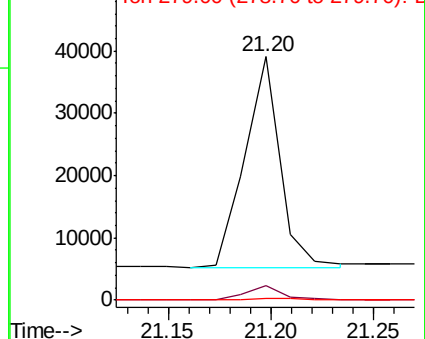


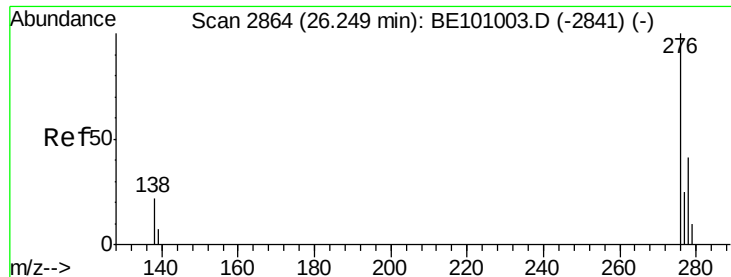
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.430 ng

RT: 26.26 min Scan# 2866

Delta R.T. 0.01 min

Lab File: BE101114.D

Acq: 22 Jan 2020 13:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

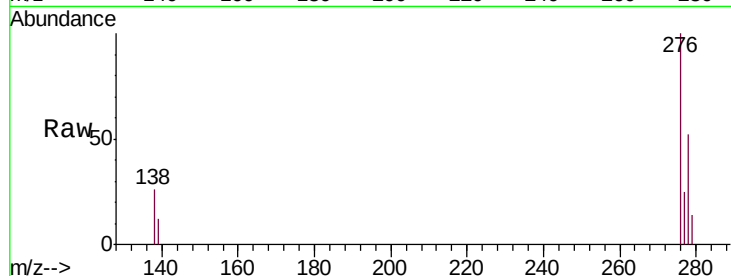
Tgt Ion:276 Resp: 22008

Ion Ratio Lower Upper

276 100

138 23.1 16.1 24.1

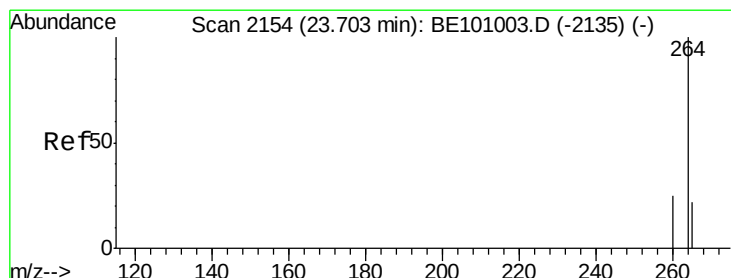
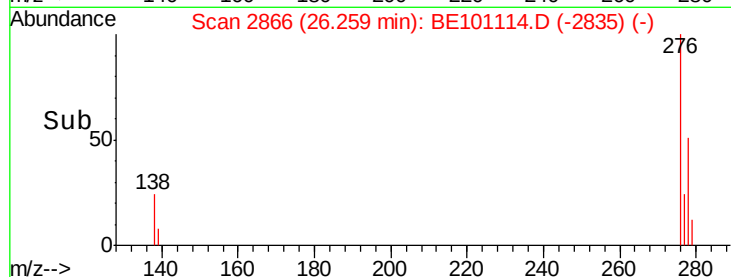
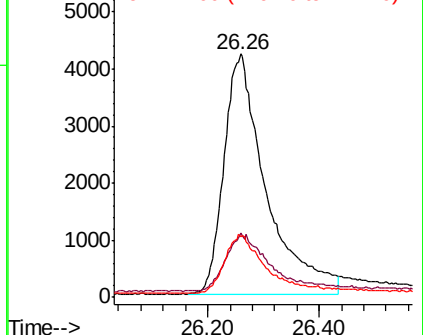
277 23.1 18.1 27.1



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: BE101114.D

Acq: 22 Jan 2020 13:17

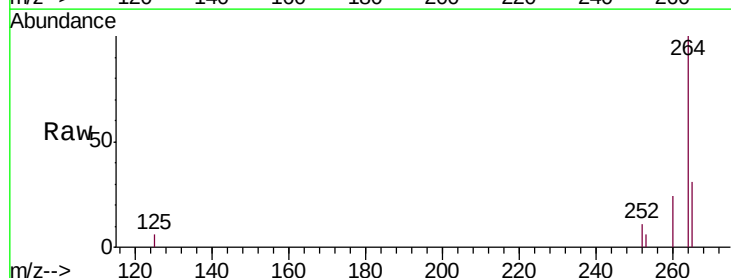
Tgt Ion:264 Resp: 18519

Ion Ratio Lower Upper

264 100

260 24.3 20.3 30.5

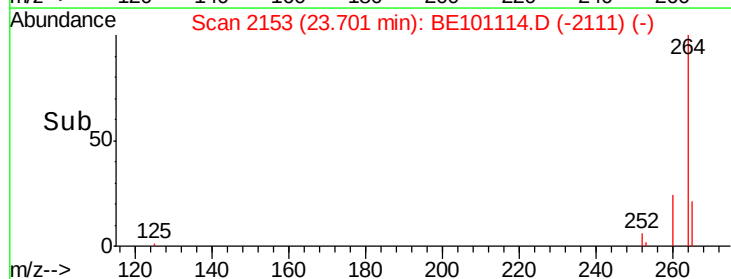
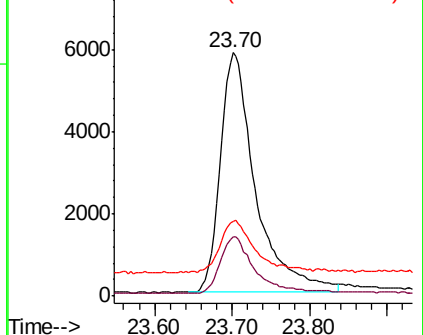
265 30.6 27.0 40.4

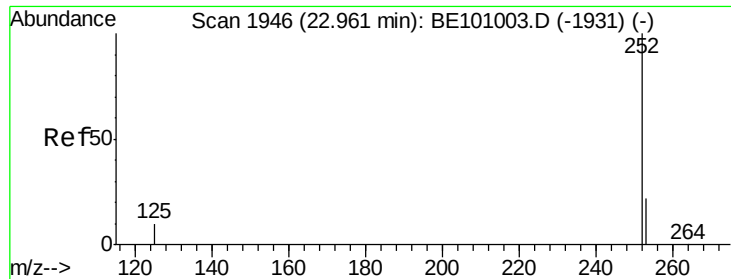


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.339 ng

RT: 22.96 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BE101114.D

Acq: 22 Jan 2020 13:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

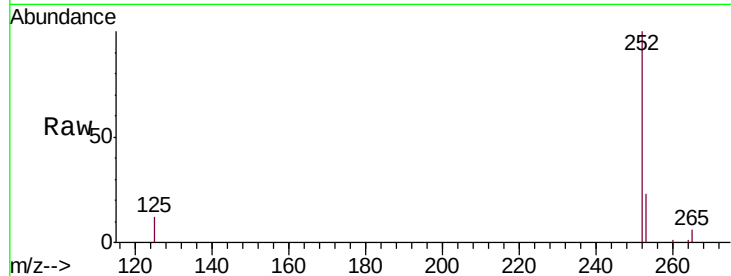
Tgt Ion:252 Resp: 17583

Ion Ratio Lower Upper

252 100

253 22.9 18.5 27.7

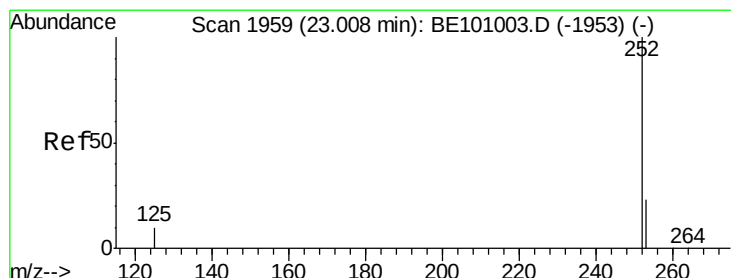
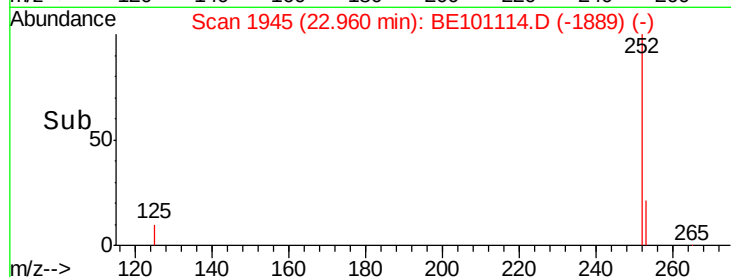
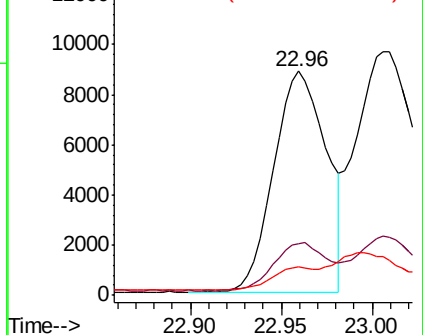
125 12.5 9.5 14.3



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: 0.234 ng

RT: 22.96 min Scan# 1945

Delta R.T. -0.05 min

Lab File: BE101114.D

Acq: 22 Jan 2020 13:17

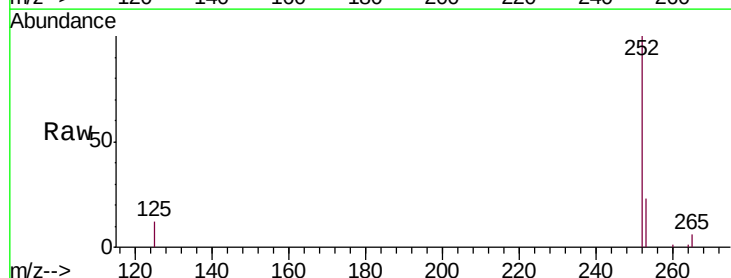
Tgt Ion:252 Resp: 17583

Ion Ratio Lower Upper

252 100

253 22.9 18.9 28.3

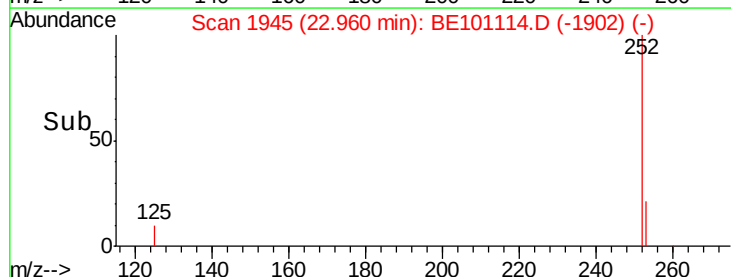
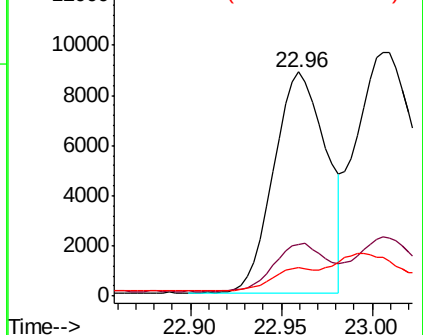
125 12.5 10.1 15.1

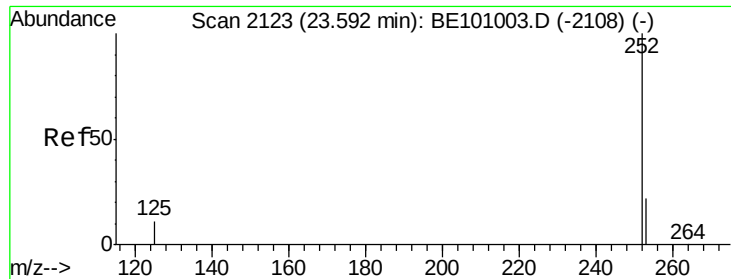


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.394 ng

RT: 23.59 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BE101114.D

Acq: 22 Jan 2020 13:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

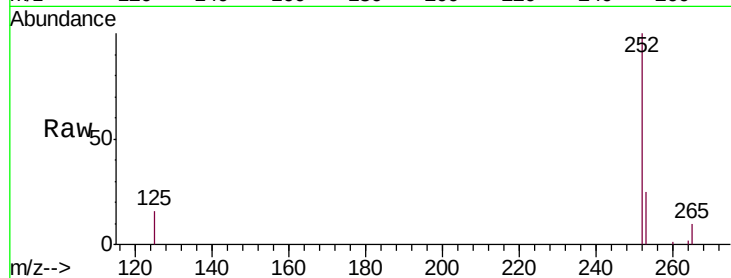
Tgt Ion:252 Resp: 19818

Ion Ratio Lower Upper

252 100

253 25.4 19.4 29.2

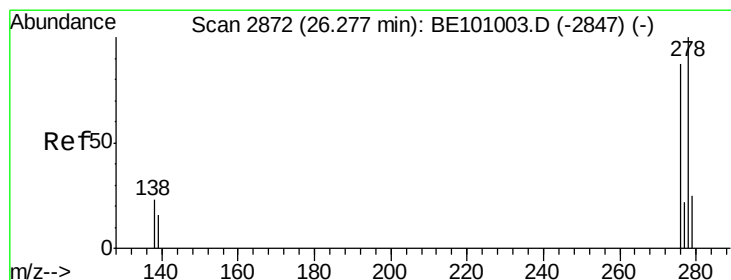
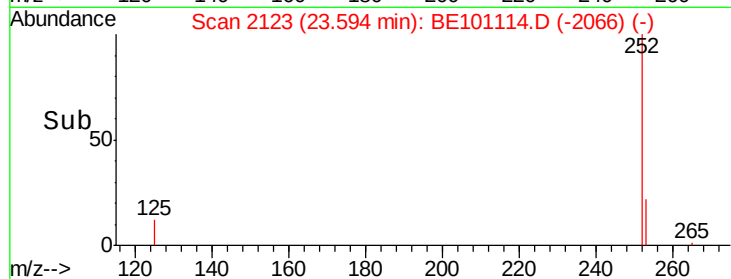
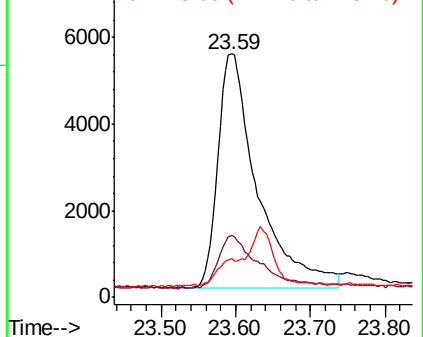
125 15.9 11.8 17.6



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: 0.369 ng

RT: 26.28 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BE101114.D

Acq: 22 Jan 2020 13:17

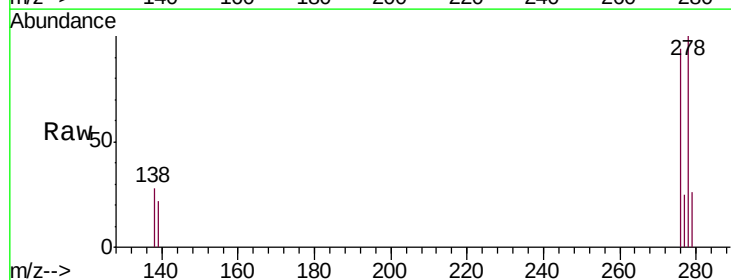
Tgt Ion:278 Resp: 17047

Ion Ratio Lower Upper

278 100

139 21.7 15.0 22.4

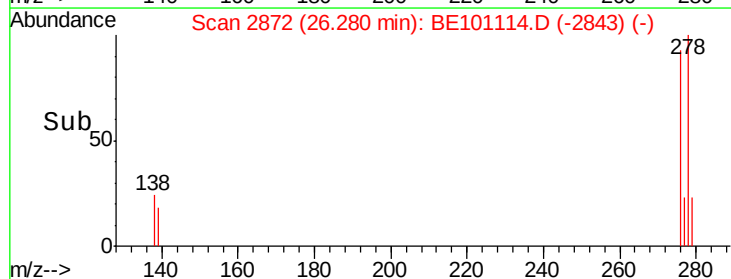
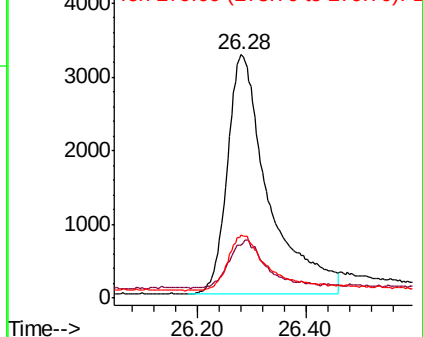
279 25.7 22.6 33.8

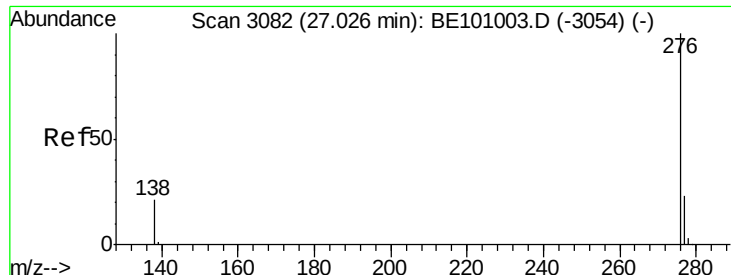


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.340 ng

RT: 27.04 min Scan# 3084

Delta R.T. 0.01 min

Lab File: BE101114.D

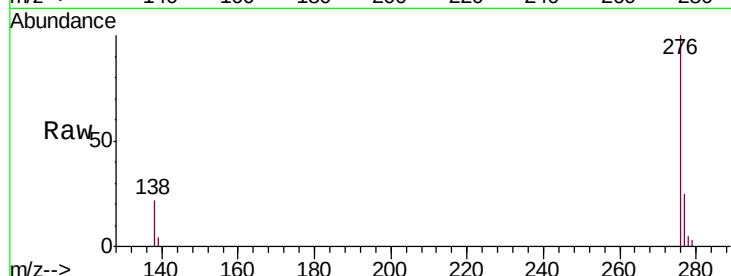
Acq: 22 Jan 2020 13:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



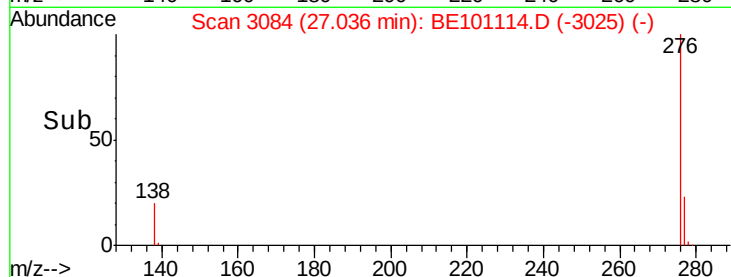
Tgt Ion: 276 Resp: 19329

Ion Ratio Lower Upper

276 100

277 24.6 19.4 29.2

138 22.4 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

