

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010820\
 Data File : BE101004.D
 Acq On : 8 Jan 2020 15:15
 Operator : JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 08 18:21:25 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 18:14:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	3584	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	15826	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	9417	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	21246	0.40	ng	0.00
27) Chrysene-d12	21.28	240	19592	0.40	ng	0.00
34) Perylene-d12	23.70	264	19736	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.34	112	6374	1.05	ng	0.00
5) Phenol-d6	6.91	99	7637	0.90	ng	-0.01
8) Nitrobenzene-d5	8.87	82	8827	1.16	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	24761	1.07	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	1931	0.93	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	29761	0.89	ng	-0.02
25) Fluoranthene-d10	19.13	212	240725	0.93	ng	0.00
29) Terphenyl-d14	19.73	244	39569	0.88	ng	0.00

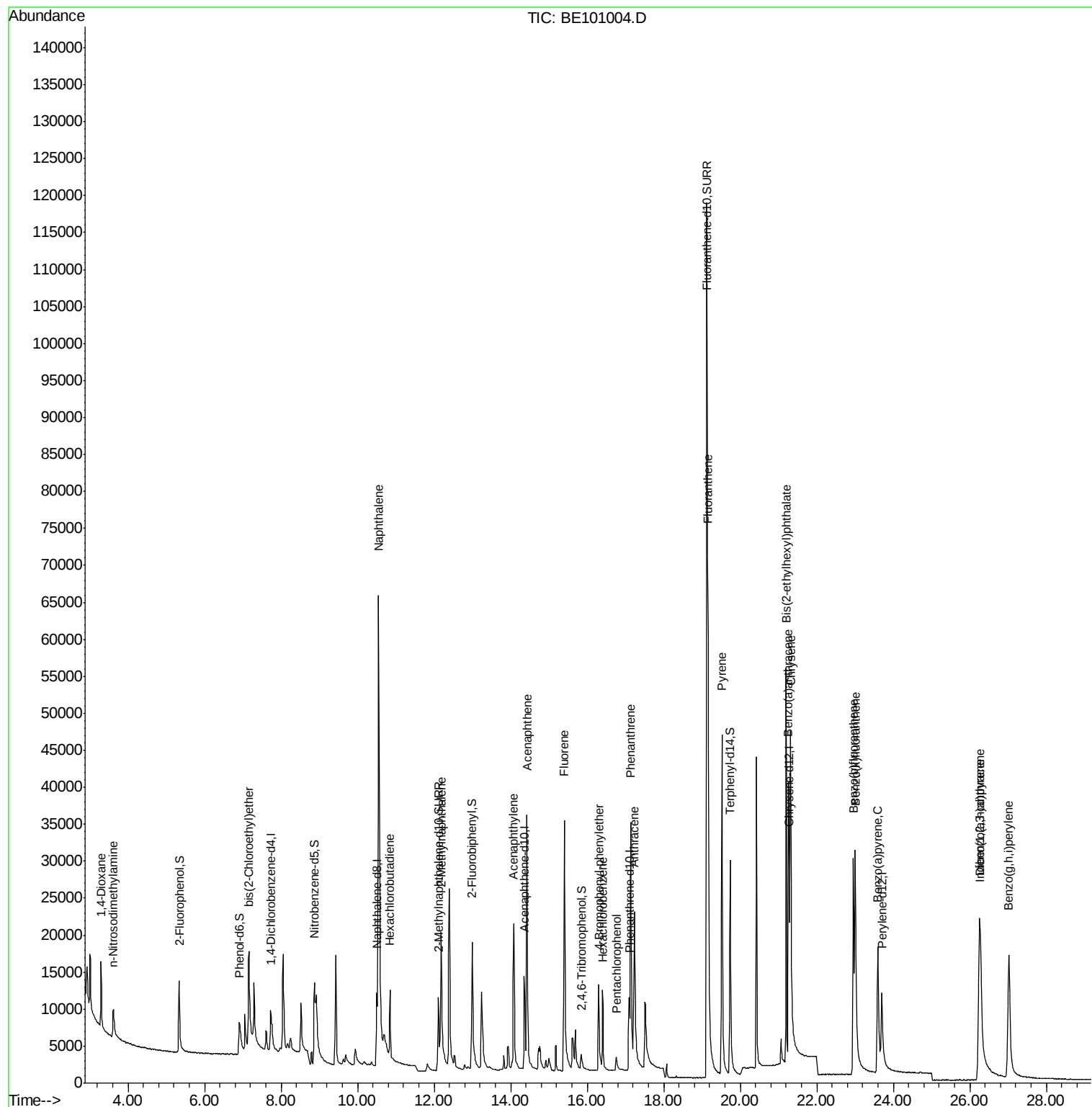
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	5958	0.471	ng	92
3) n-Nitrosodimethylamine	3.60	42	3795	1.283	ng	92
6) bis(2-Chloroethyl)ether	7.16	93	8866	0.684	ng	91
9) Naphthalene	10.55	128	145463	0.864	ng	100
10) Hexachlorobutadiene	10.85	225	6190	0.832	ng	98
12) 2-Methylnaphthalene	12.18	142	21664	0.850	ng	95
16) Acenaphthylene	14.08	152	30372	0.863	ng	100
17) Acenaphthene	14.43	154	22104	0.864	ng	99
18) Fluorene	15.39	166	28345	0.889	ng	99
20) 4-Bromophenyl-phenylether	16.30	248	8392	0.900	ng	91
21) Hexachlorobenzene	16.41	284	9254	0.840	ng	98
22) Pentachlorophenol	16.76	266	1900	1.155	ng	95
23) Phenanthrene	17.13	178	47711	0.871	ng	99
24) Anthracene	17.23	178	43256	0.781	ng	99
26) Fluoranthene	19.15	202	59881	0.802	ng	99
28) Pyrene	19.52	202	59067	0.862	ng	99
30) Benzo(a)anthracene	21.26	228	46558	0.971	ng	99
31) Chrysene	21.32	228	65790	0.737	ng	99
32) Bis(2-ethylhexyl)phthalate	21.20	149	65824	0.624	ng	100
33) Indeno(1,2,3-cd)pyrene	26.25	276	52443	0.780	ng	95
35) Benzo(b)fluoranthene	22.96	252	45008	1.083	ng	98
36) Benzo(k)fluoranthene	23.01	252	62605	0.795	ng	97
37) Benzo(a)pyrene	23.59	252	43296	0.893	ng	96
38) Dibenzo(a,h)anthracene	26.27	278	40091	0.912	ng	93
39) Benzo(g,h,i)perylene	27.02	276	50091	0.968	ng	98

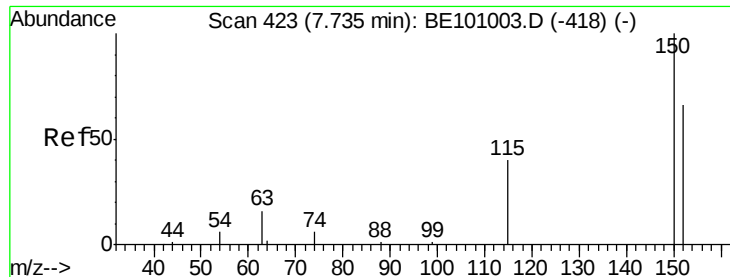
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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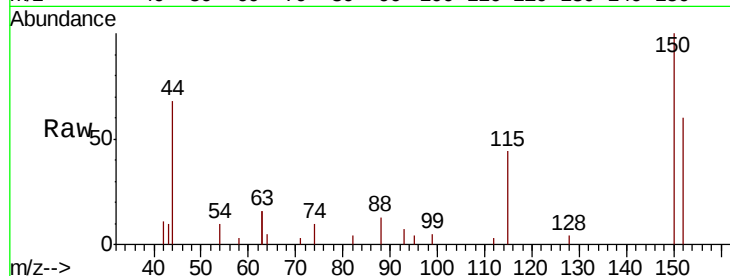


#1

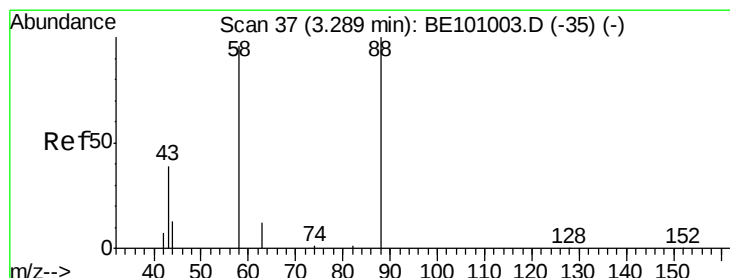
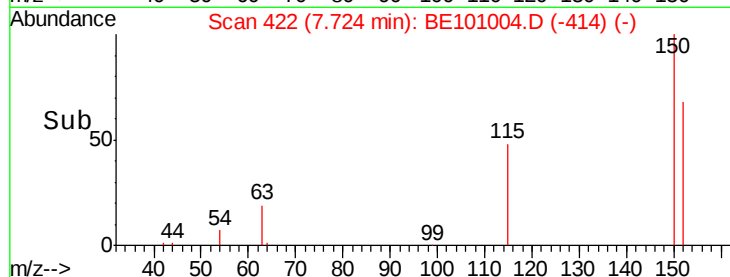
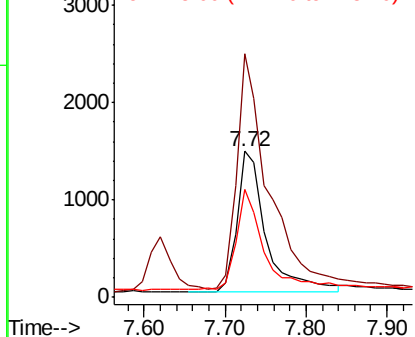
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101004.D
Acq: 8 Jan 2020 15:15

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3584
Ion Ratio Lower Upper
152 100
150 166.4 120.3 180.5
115 73.7 51.7 77.5



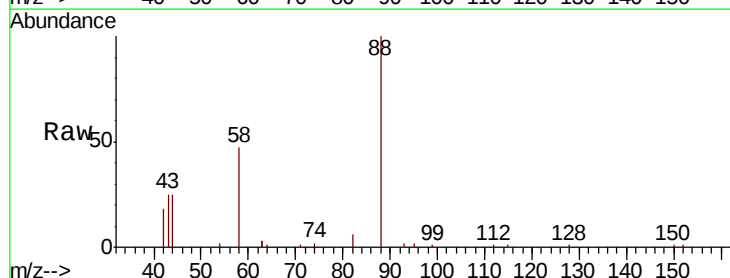
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



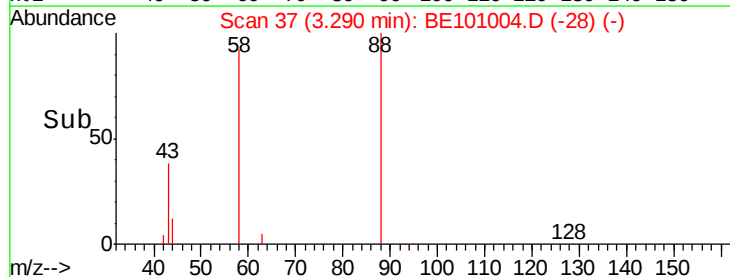
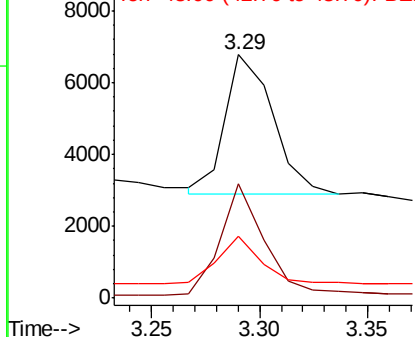
#2

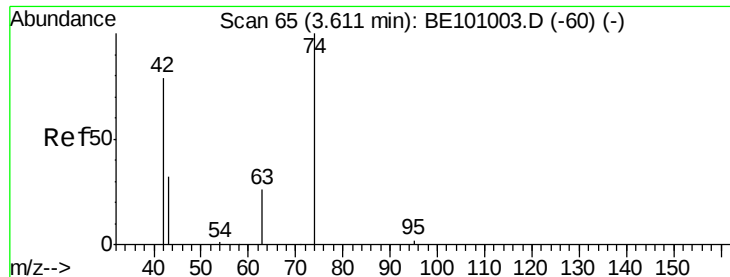
1,4-Dioxane
Concen: 0.471 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101004.D
Acq: 8 Jan 2020 15:15

Tgt Ion: 88 Resp: 5958
Ion Ratio Lower Upper
88 100
58 73.7 53.0 79.4
43 31.0 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: 1.283 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE101004.D

Acq: 8 Jan 2020 15:15

Instrument :

BNA_E

ClientSampled :

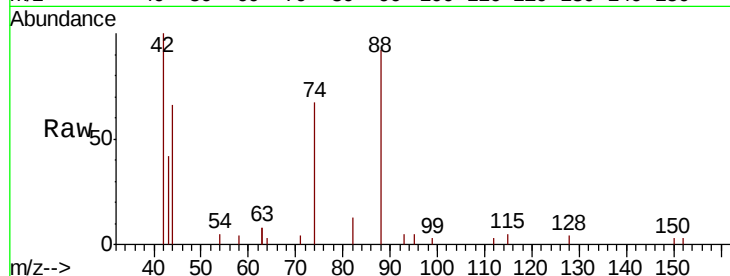
Tot Ion: 42 Resp: 3795

Ion Ratio Lower Upper

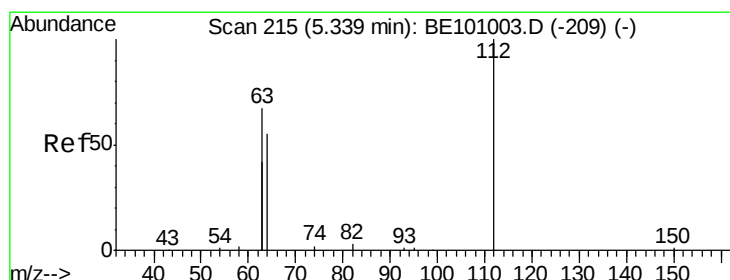
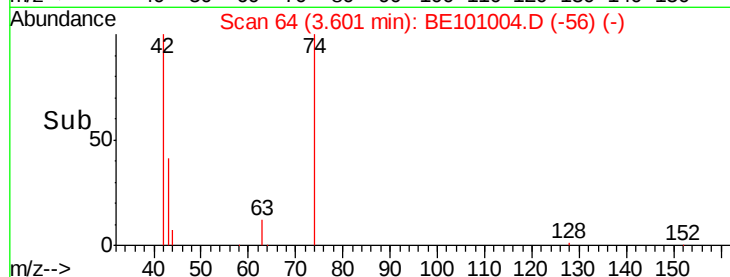
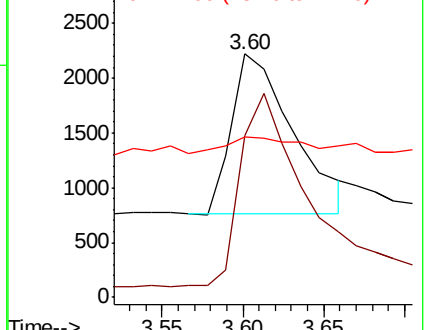
42 100

74 122.2 105.7 158.5

44 11.4 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: 1.052 ng

RT: 5.34 min Scan# 215

Delta R.T. 0.00 min

Lab File: BE101004.D

Acq: 8 Jan 2020 15:15

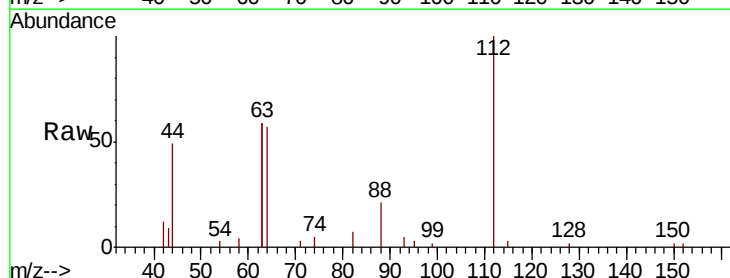
Tgt Ion: 112 Resp: 6374

Ion Ratio Lower Upper

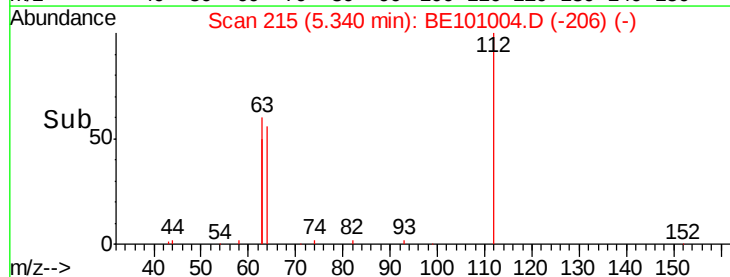
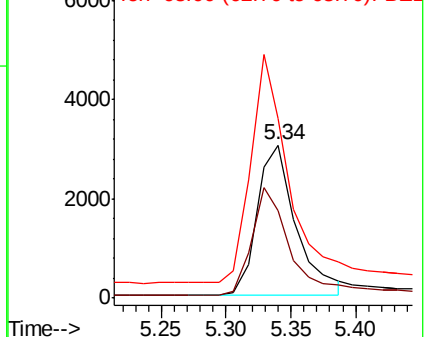
112 100

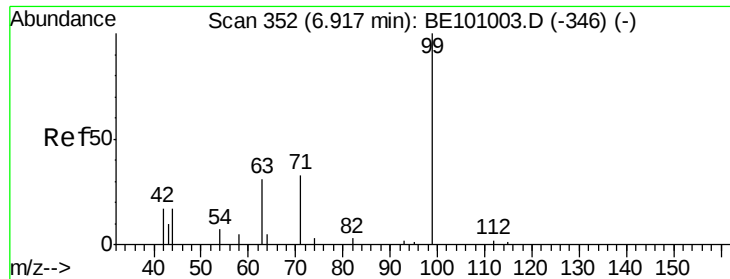
64 68.3 53.6 80.4

63 145.3 114.6 172.0



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: 0.898 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101004.D

Acq: 8 Jan 2020 15:15

Instrument :

BNA_E

ClientSampleId :

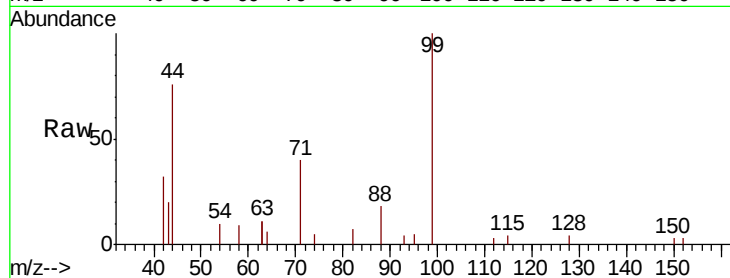
Tot Ion: 99 Resp: 7637

Ion Ratio Lower Upper

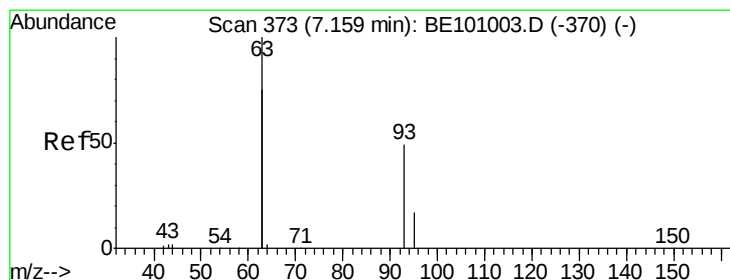
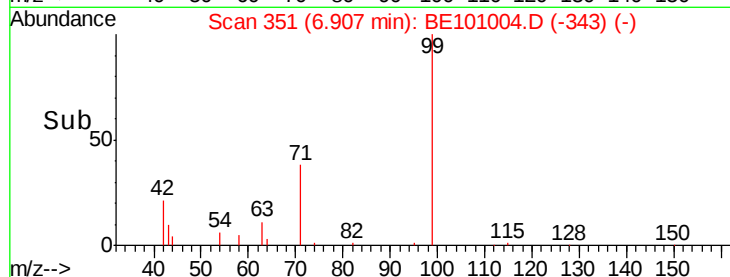
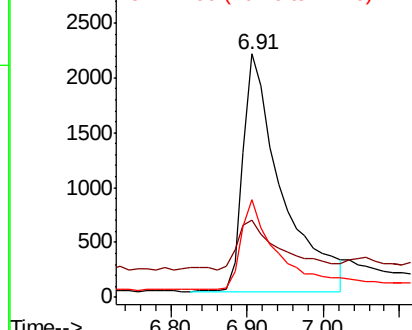
99 100

42 23.2 18.3 27.5

71 36.2 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: 0.684 ng

RT: 7.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: BE101004.D

Acq: 8 Jan 2020 15:15

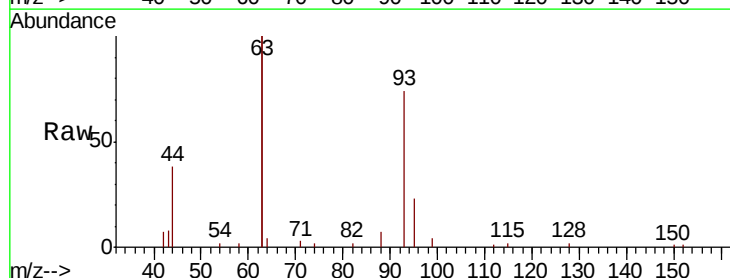
Tgt Ion: 93 Resp: 8866

Ion Ratio Lower Upper

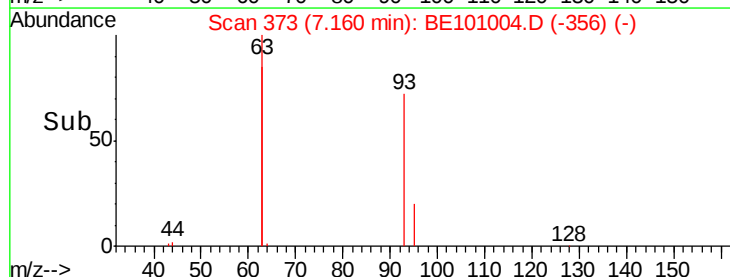
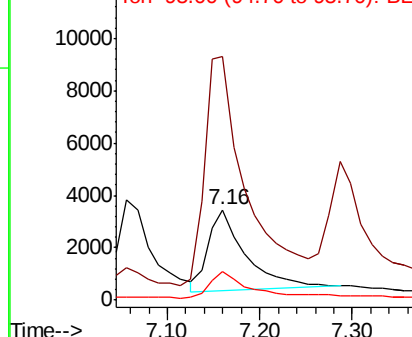
93 100

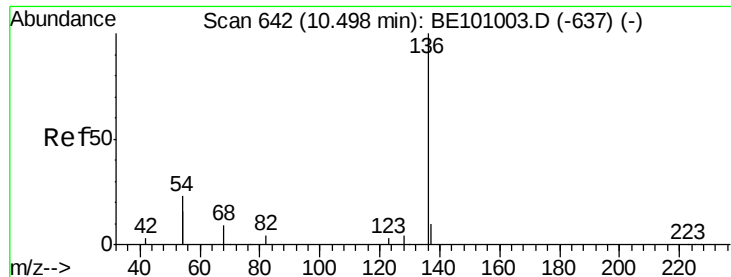
63 310.4 233.9 350.9

95 34.7 23.5 35.3



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 641

Delta R.T. -0.00 min

Lab File: BE101004.D

Acq: 8 Jan 2020 15:15

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 15826

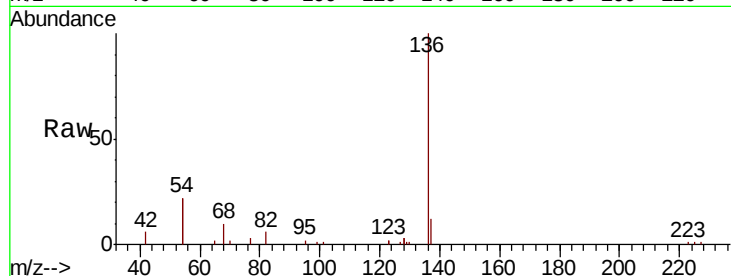
Ion Ratio Lower Upper

136 100

137 11.9 9.3 13.9

54 45.0 36.8 55.2

68 9.7 8.4 12.6

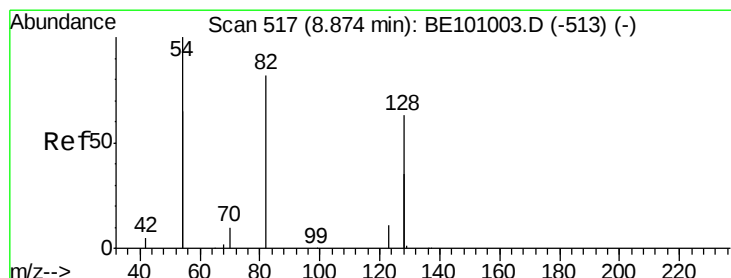
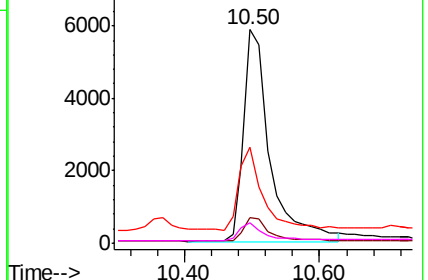
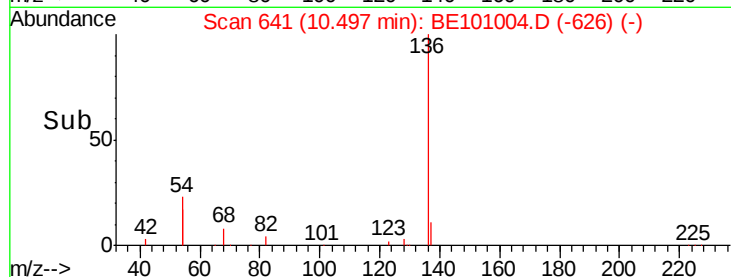


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.164 ng

RT: 8.87 min Scan# 516

Delta R.T. -0.00 min

Lab File: BE101004.D

Acq: 8 Jan 2020 15:15

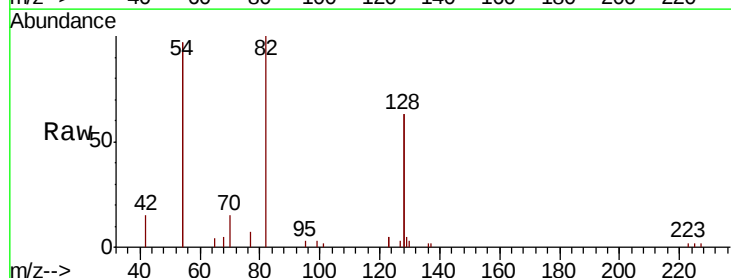
Tgt Ion: 82 Resp: 8827

Ion Ratio Lower Upper

82 100

128 125.3 109.8 164.6

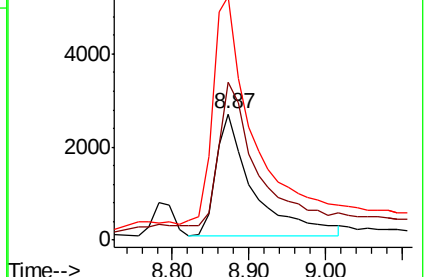
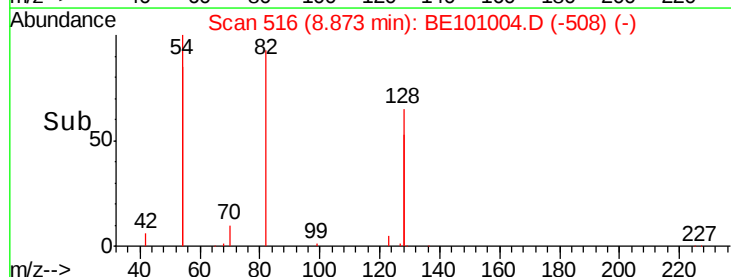
54 193.5 174.5 261.7

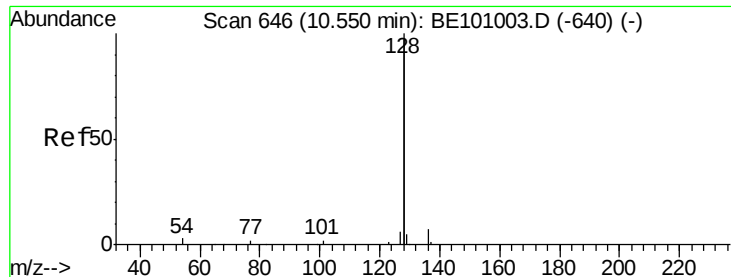


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.864 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE101004.D

Acq: 8 Jan 2020 15:15

Instrument :

BNA_E

ClientSampleId :

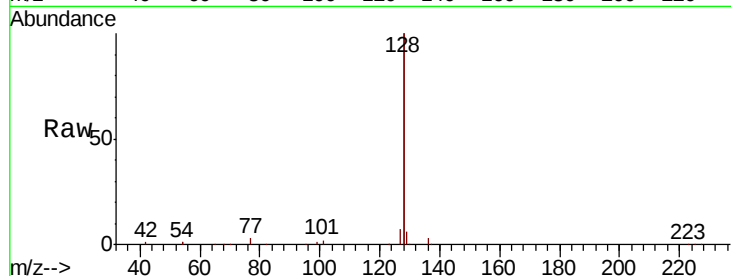
Tot Ion:128 Resp: 145463

Ion Ratio Lower Upper

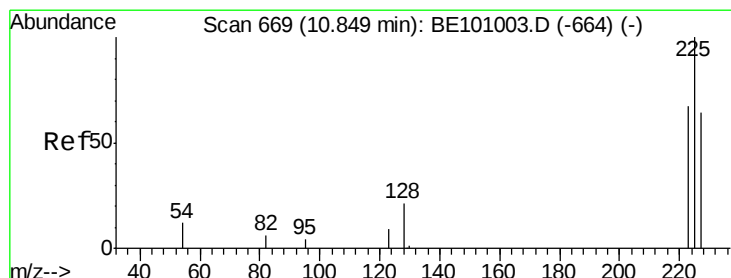
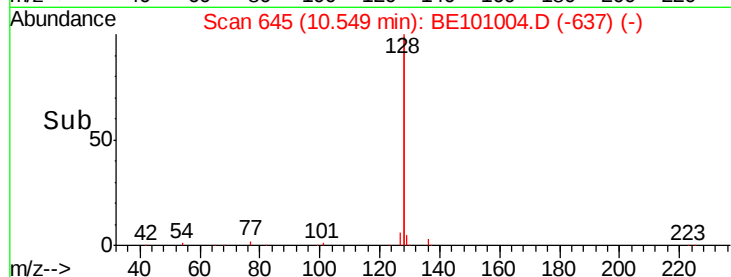
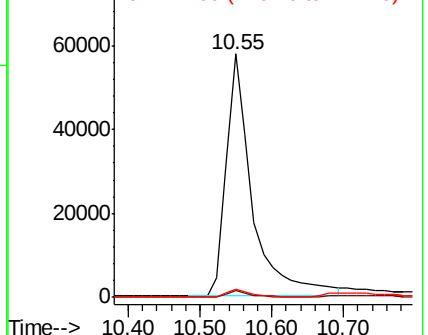
128 100

129 2.8 2.3 3.5

127 3.3 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: 0.832 ng

RT: 10.85 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE101004.D

Acq: 8 Jan 2020 15:15

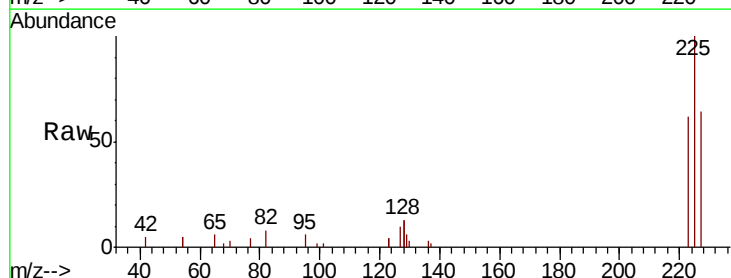
Tgt Ion:225 Resp: 6190

Ion Ratio Lower Upper

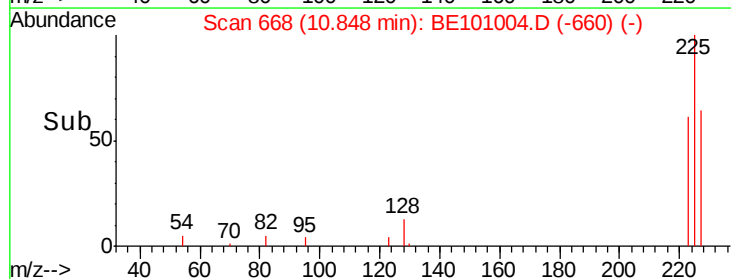
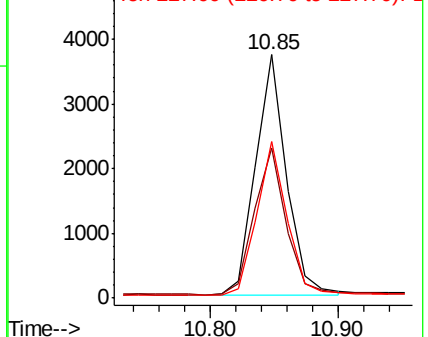
225 100

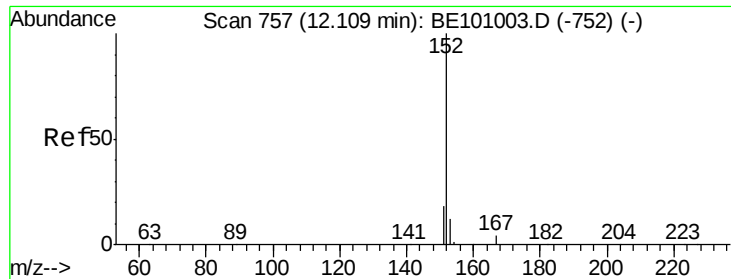
223 62.8 52.2 78.4

227 62.6 49.9 74.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

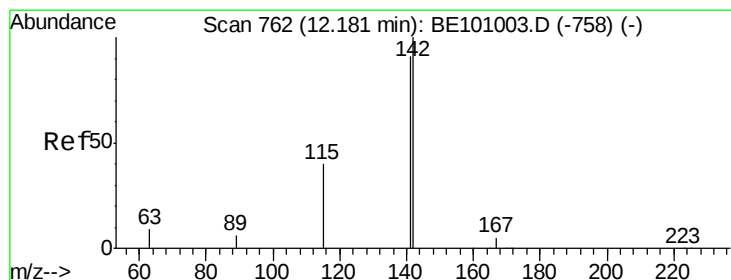
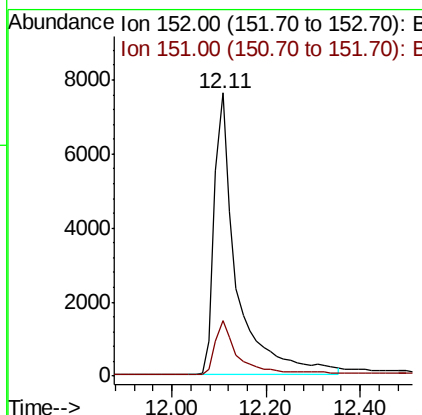
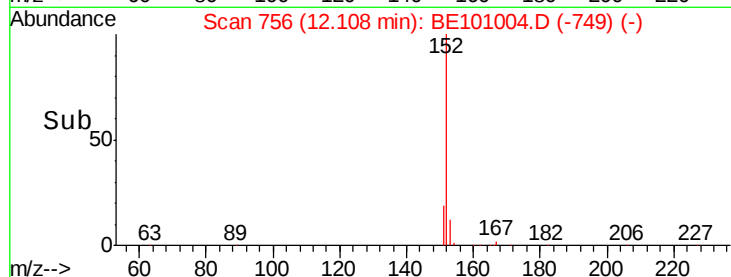
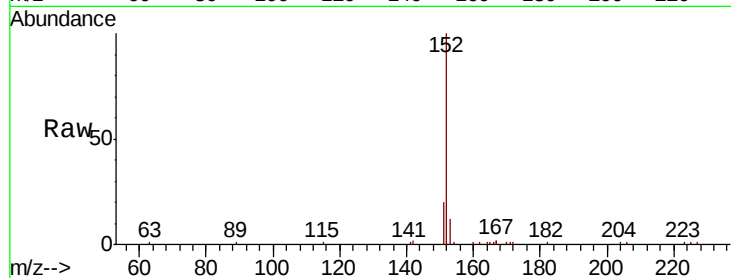




#11
 2-Methylnaphthalene-d10
 Concen: 1.065 ng
 RT: 12.11 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BE101004.D
 Acq: 8 Jan 2020 15:15

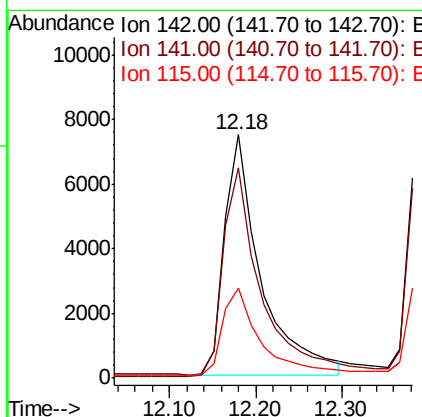
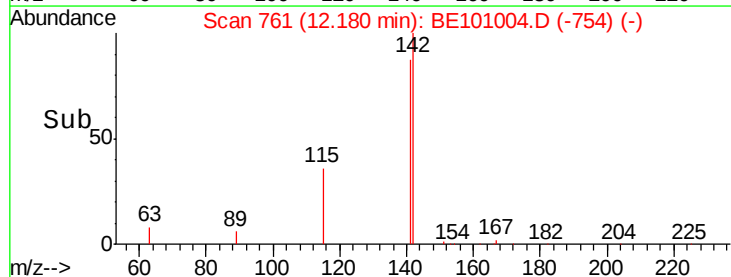
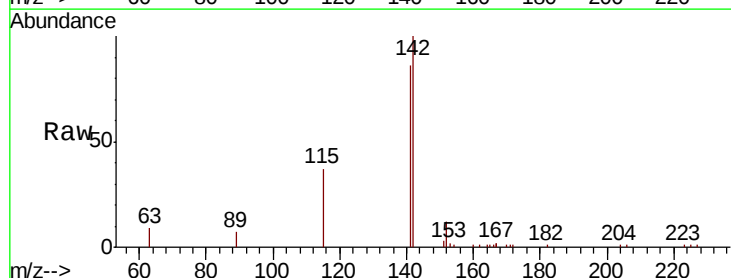
Instrument :
 BNA_E
 ClientSampleId :

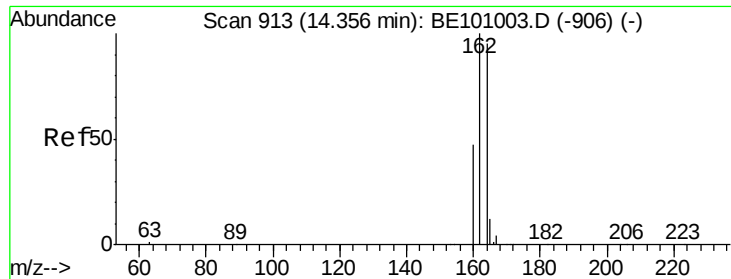
Tot Ion:152 Resp: 24761
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.850 ng
 RT: 12.18 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BE101004.D
 Acq: 8 Jan 2020 15:15

Tgt Ion:142 Resp: 21664
 Ion Ratio Lower Upper
 142 100
 141 86.4 72.5 108.7
 115 37.1 33.0 49.6

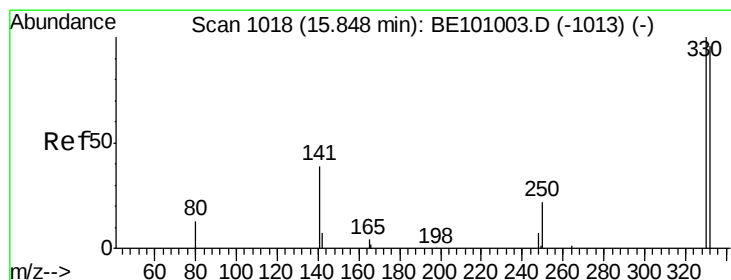
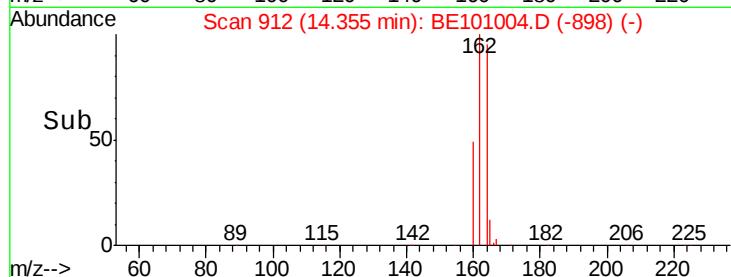
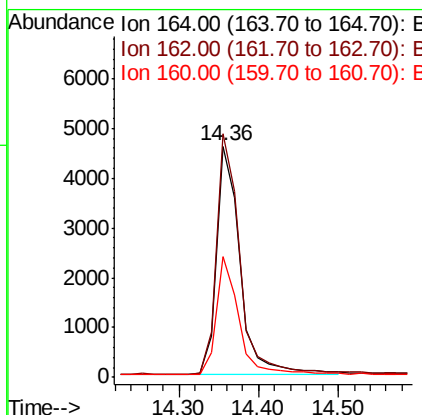
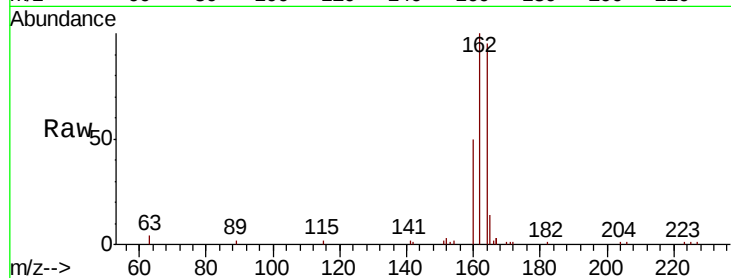




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101004.D
Acq: 8 Jan 2020 15:15

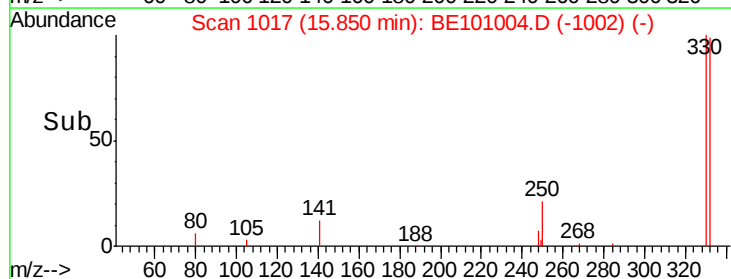
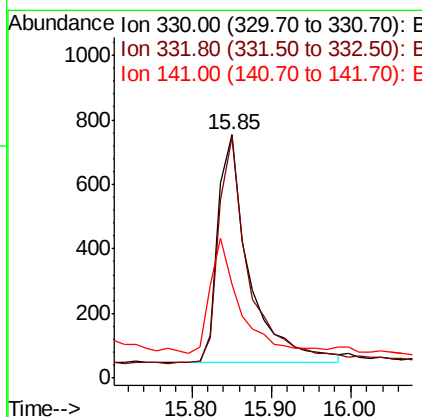
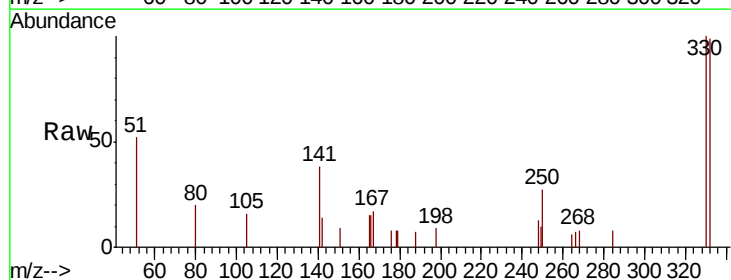
Instrument :
BNA_E
ClientSampleId :

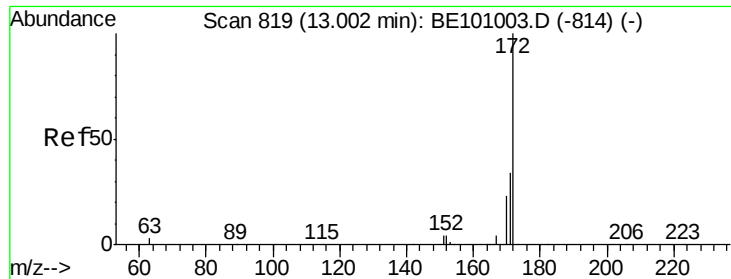
Tot Ion:164 Resp: 9417
Ion Ratio Lower Upper
164 100
162 105.3 84.1 126.1
160 52.2 40.4 60.6



#14
2,4,6-Tribromophenol
Concen: 0.934 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101004.D
Acq: 8 Jan 2020 15:15

Tgt Ion:330 Resp: 1931
Ion Ratio Lower Upper
330 100
332 98.5 78.4 117.6
141 47.7 37.0 55.4

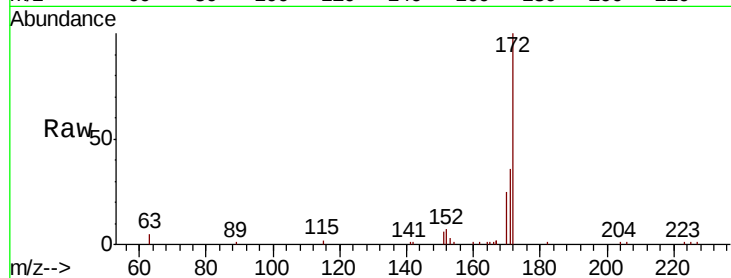




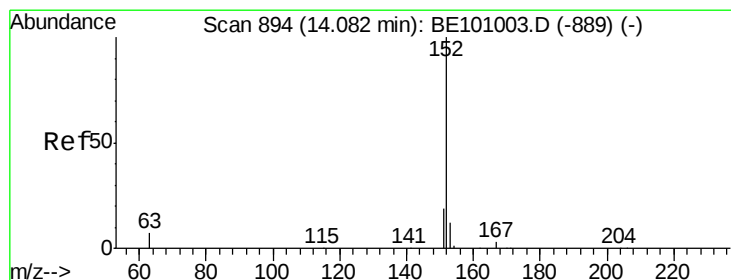
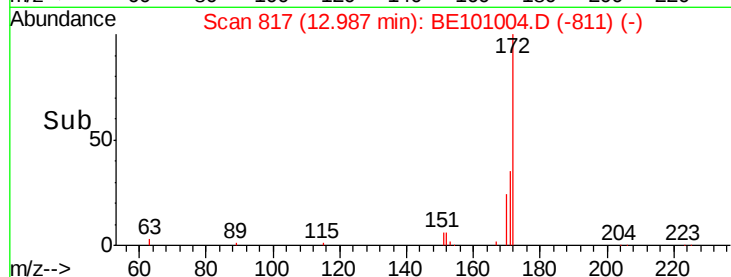
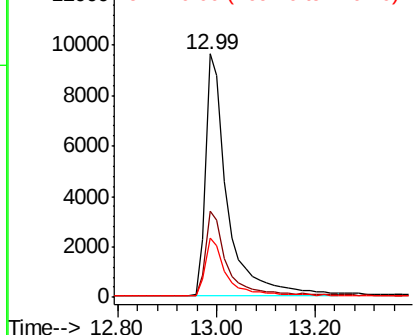
#15
2-Fluorobiphenyl
Concen: 0.889 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.02 min
Lab File: BE101004.D
Acq: 8 Jan 2020 15:15

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 29761
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 24.6 18.9 28.3

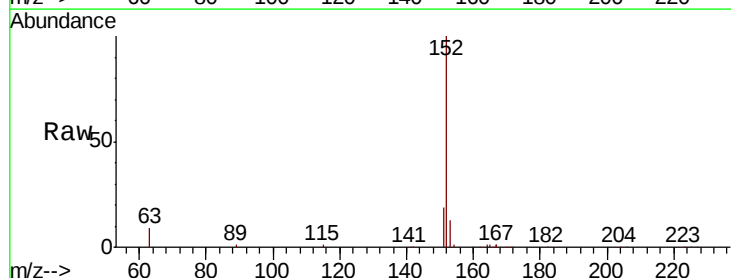


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

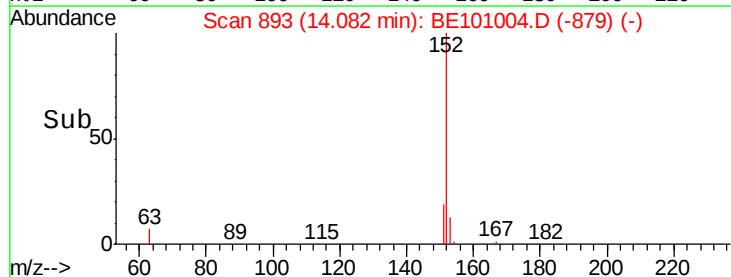
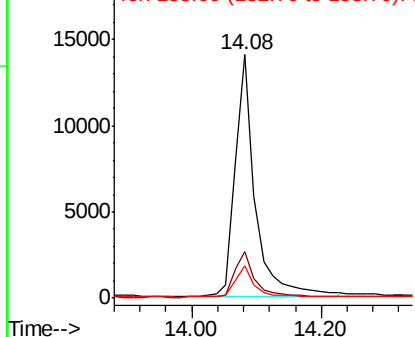


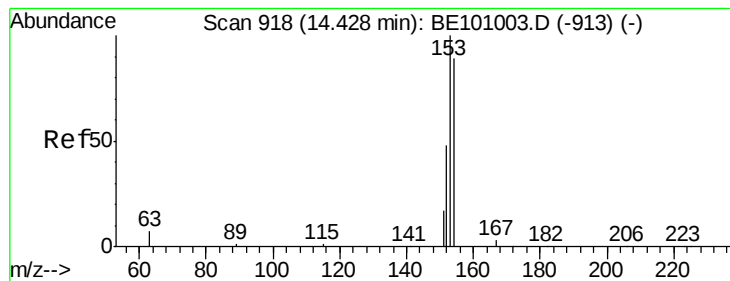
#16
Acenaphthylene
Concen: 0.863 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101004.D
Acq: 8 Jan 2020 15:15

Tgt Ion:152 Resp: 30372
Ion Ratio Lower Upper
152 100
151 19.2 15.5 23.3
153 12.9 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: 0.864 ng

RT: 14.43 min Scan# 917

Delta R.T. -0.00 min

Lab File: BE101004.D

Acq: 8 Jan 2020 15:15

Instrument :

BNA_E

ClientSampleId :

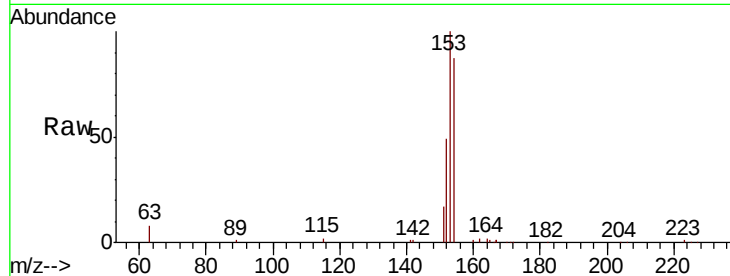
Tot Ion:154 Resp: 22104

Ion Ratio Lower Upper

154 100

153 115.8 93.6 140.4

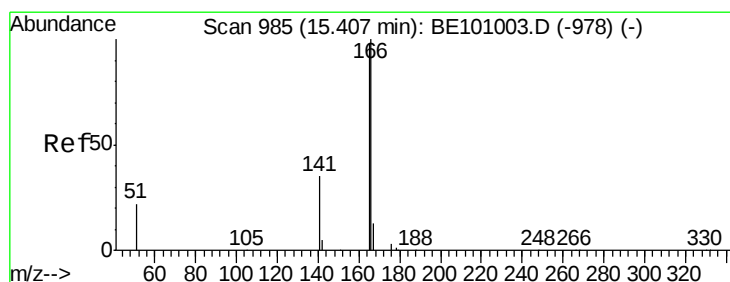
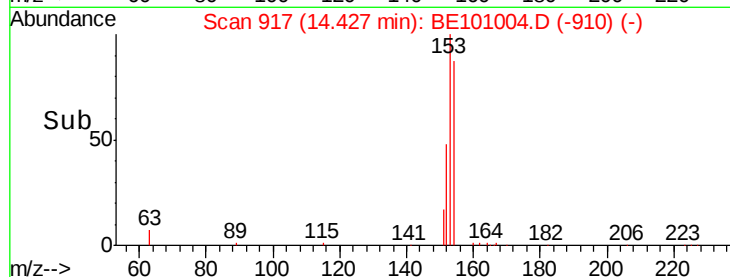
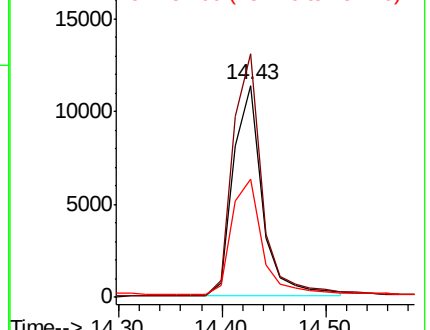
152 57.3 46.3 69.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.889 ng

RT: 15.39 min Scan# 983

Delta R.T. -0.01 min

Lab File: BE101004.D

Acq: 8 Jan 2020 15:15

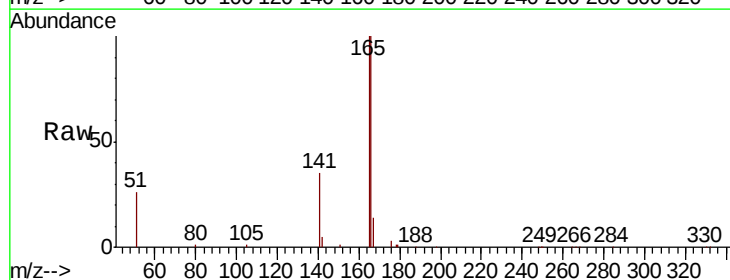
Tgt Ion:166 Resp: 28345

Ion Ratio Lower Upper

166 100

165 98.7 79.8 119.8

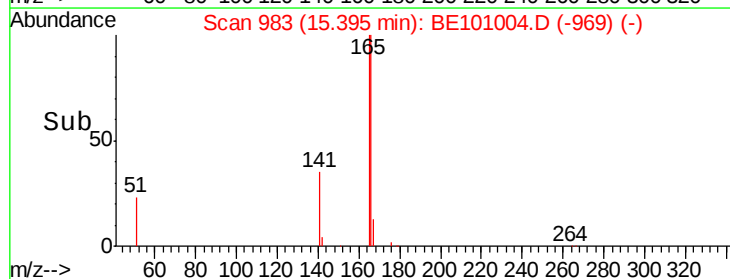
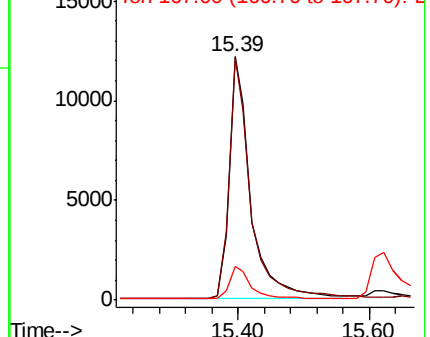
167 13.2 11.0 16.6

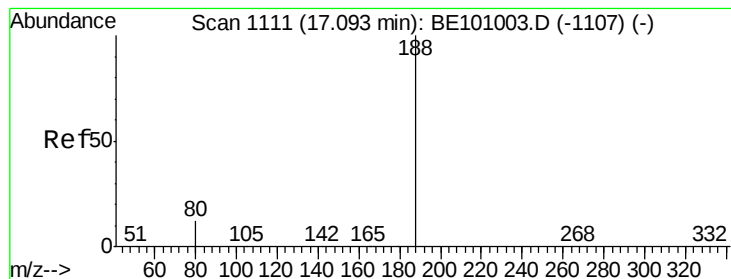


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE101004.D

Acq: 8 Jan 2020 15:15

Instrument :

BNA_E

ClientSampleId :

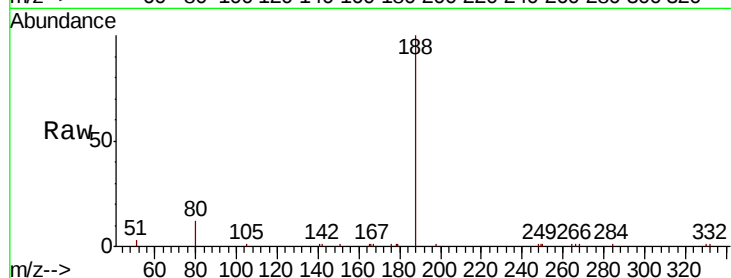
Tot Ion:188 Resp: 21246

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

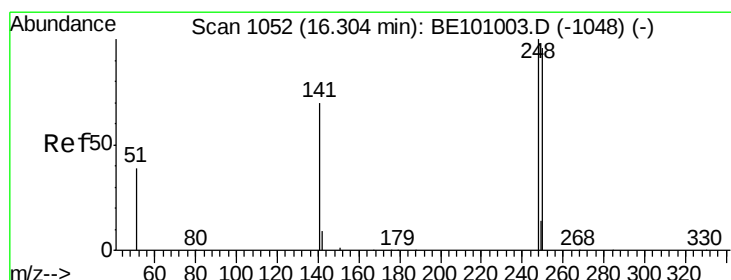
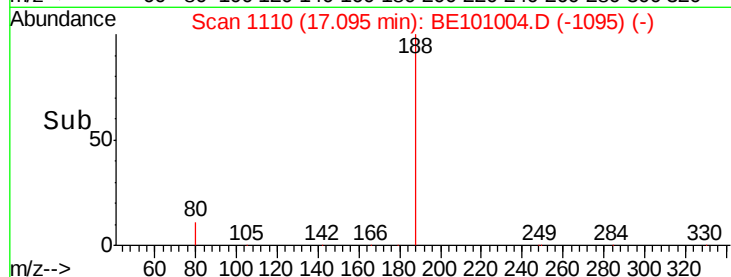
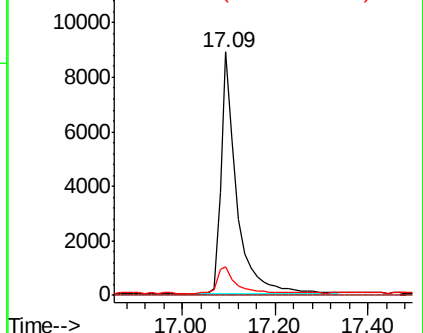
80 11.6 10.8 16.2



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: 0.900 ng

RT: 16.30 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BE101004.D

Acq: 8 Jan 2020 15:15

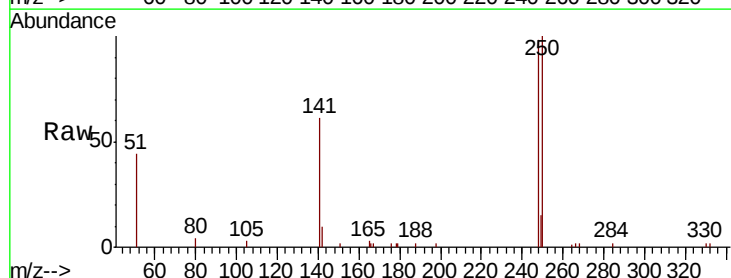
Tgt Ion:248 Resp: 8392

Ion Ratio Lower Upper

248 100

250 102.0 76.6 115.0

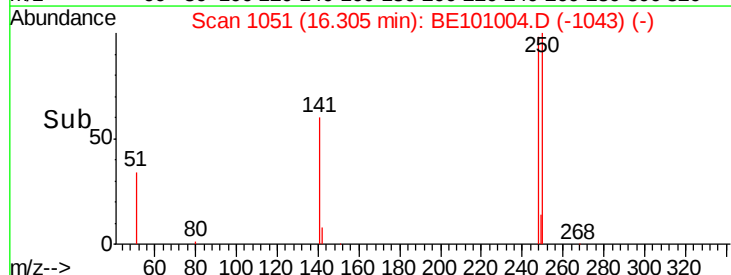
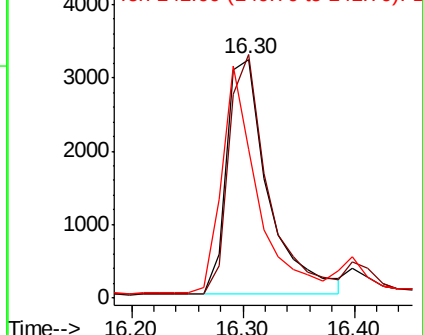
141 62.2 57.7 86.5

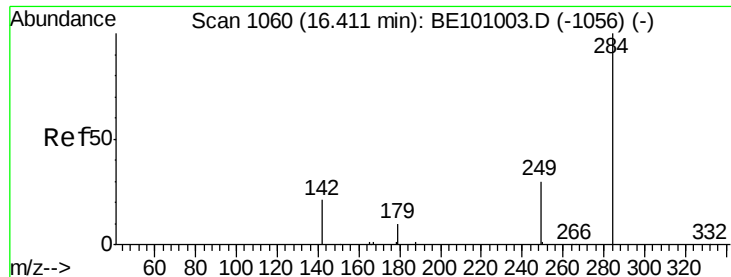


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.840 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE101004.D

Acq: 8 Jan 2020 15:15

Instrument :

BNA_E

ClientSampleId :

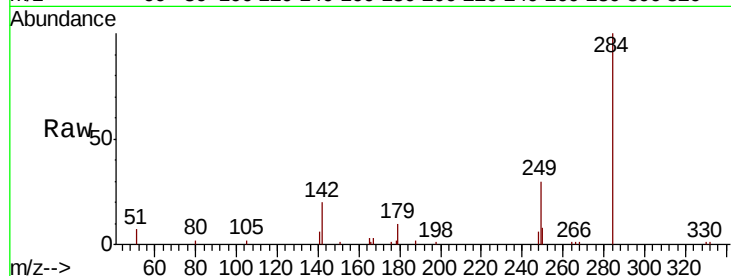
Tot Ion:284 Resp: 9254

Ion Ratio Lower Upper

284 100

142 41.1 34.0 51.0

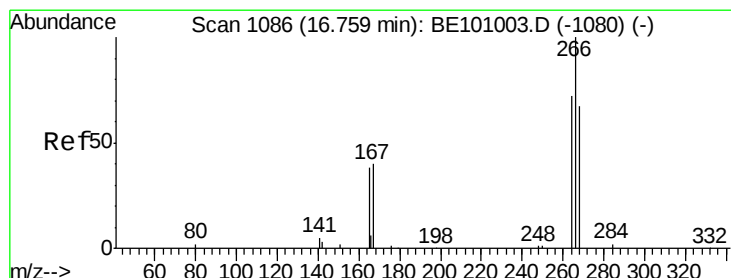
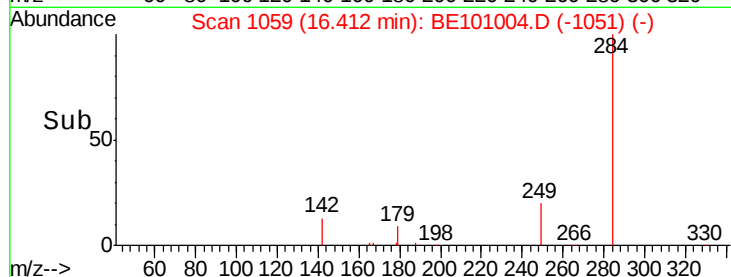
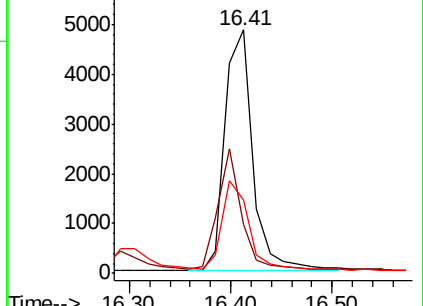
249 34.5 28.2 42.4



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: 1.155 ng

RT: 16.76 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BE101004.D

Acq: 8 Jan 2020 15:15

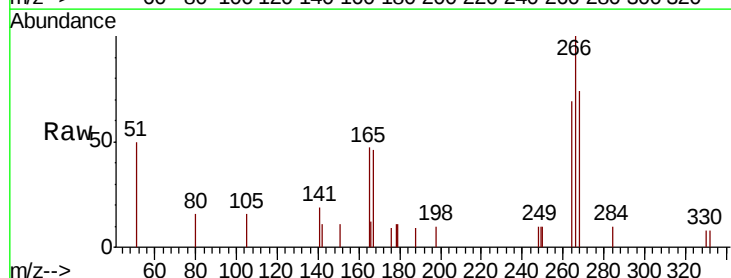
Tgt Ion:266 Resp: 1900

Ion Ratio Lower Upper

266 100

264 69.1 61.0 91.4

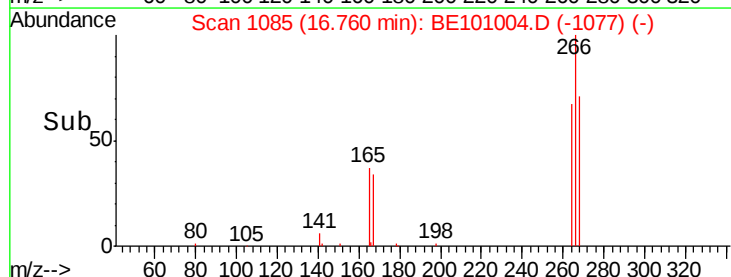
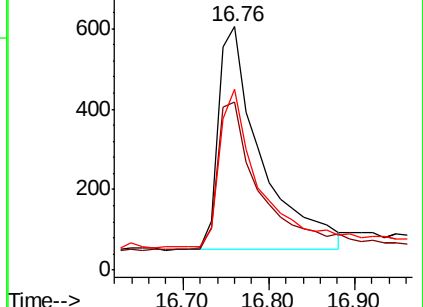
268 74.2 58.5 87.7

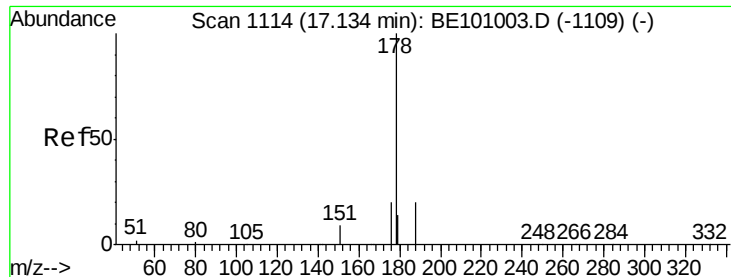


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.871 ng

RT: 17.13 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE101004.D

Acq: 8 Jan 2020 15:15

Instrument :

BNA_E

ClientSampleId :

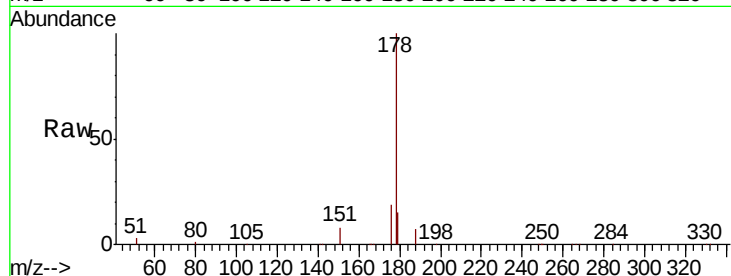
Tot Ion:178 Resp: 47711

Ion Ratio Lower Upper

178 100

176 18.9 15.7 23.5

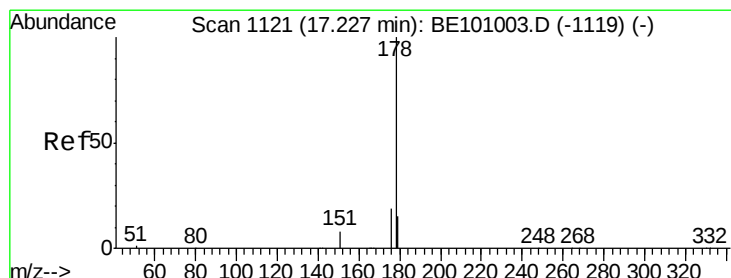
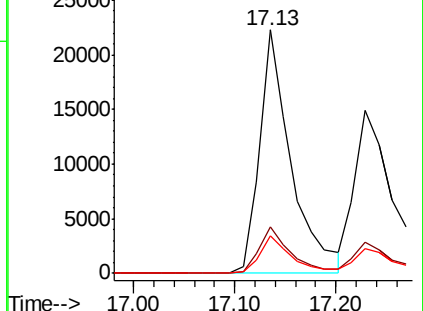
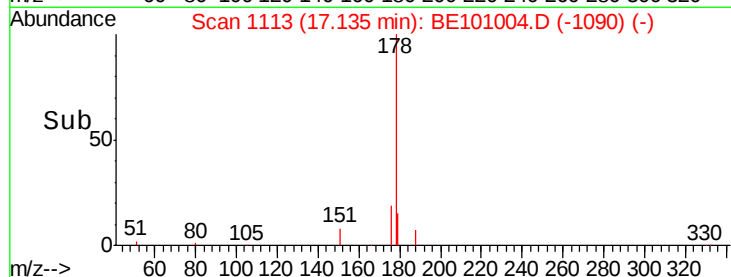
179 15.2 12.0 18.0



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: 0.781 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE101004.D

Acq: 8 Jan 2020 15:15

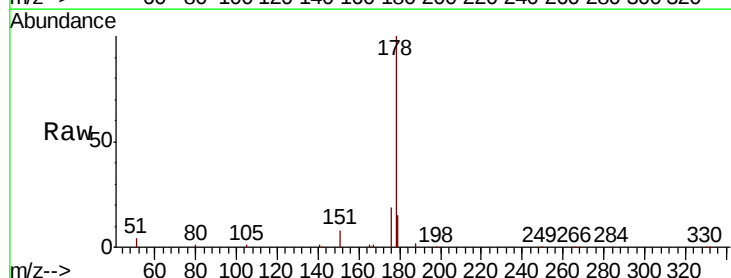
Tgt Ion:178 Resp: 43256

Ion Ratio Lower Upper

178 100

176 18.1 14.8 22.2

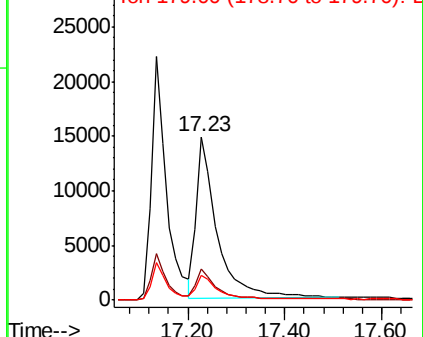
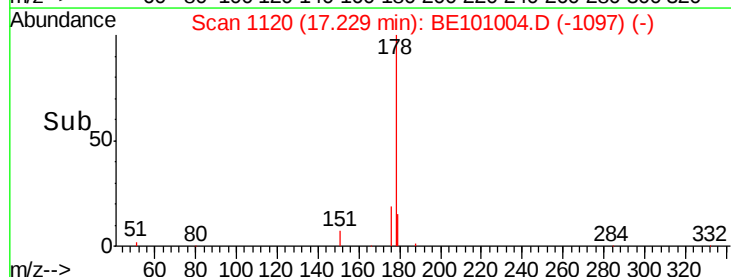
179 15.4 12.4 18.6

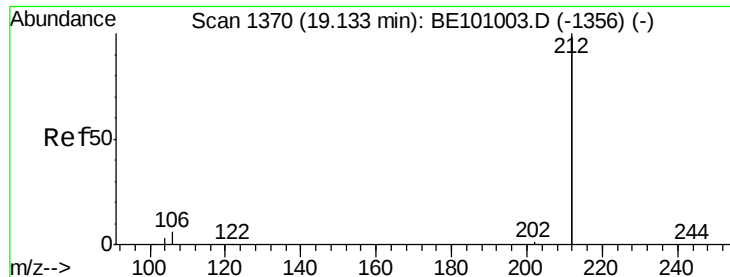


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.934 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BE101004.D

Acq: 8 Jan 2020 15:15

Instrument :

BNA_E

ClientSampleId :

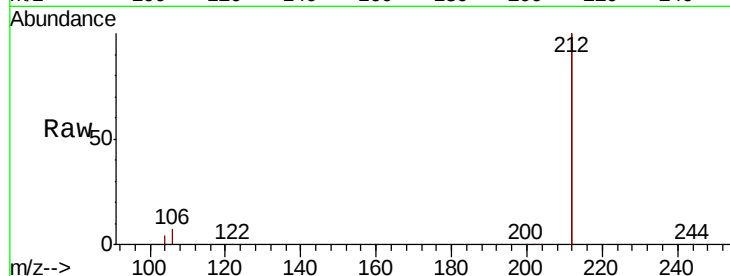
Tot Ion:212 Resp: 240725

Ion Ratio Lower Upper

212 100

106 3.2 2.6 3.8

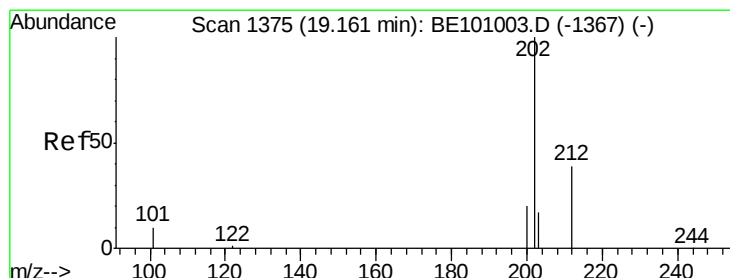
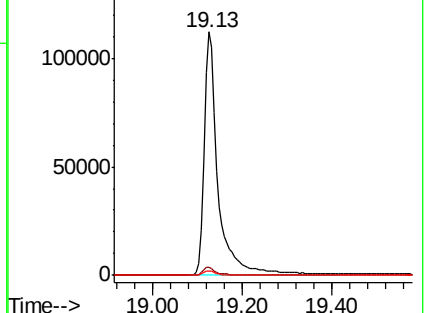
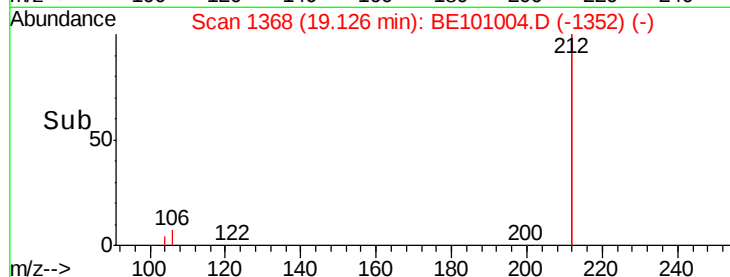
104 1.9 1.4 2.0



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: 0.802 ng

RT: 19.15 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE101004.D

Acq: 8 Jan 2020 15:15

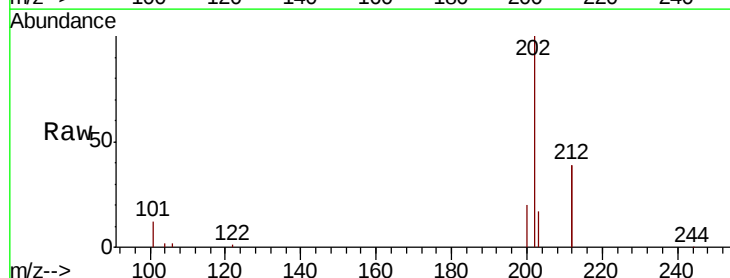
Tgt Ion:202 Resp: 59881

Ion Ratio Lower Upper

202 100

101 11.9 9.6 14.4

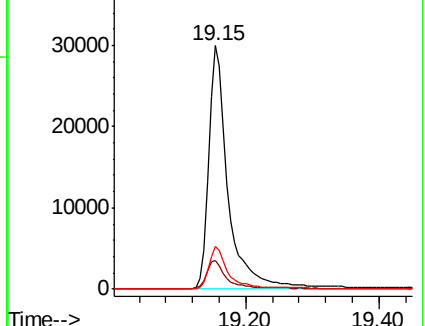
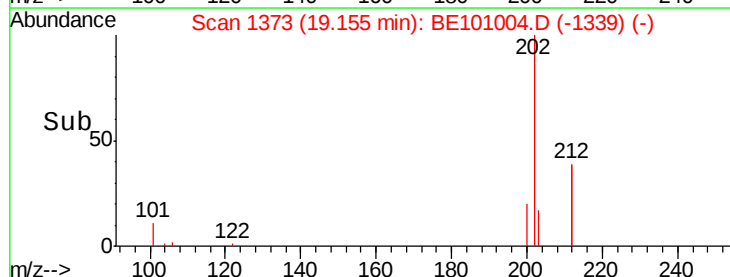
203 16.8 13.8 20.6

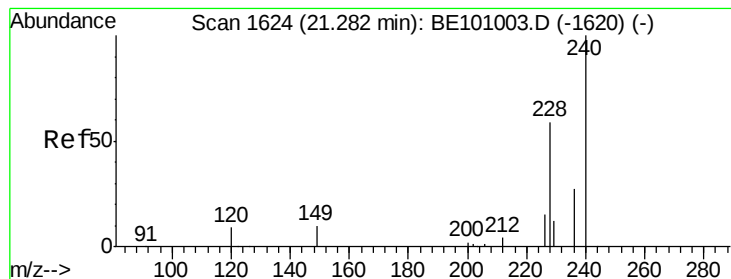


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.28 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE101004.D

Acq: 8 Jan 2020 15:15

Instrument :

BNA_E

ClientSampleId :

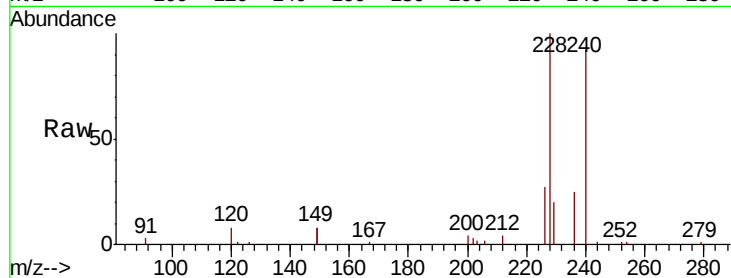
Tot Ion:240 Resp: 19592

Ion Ratio Lower Upper

240 100

120 9.0 8.6 13.0

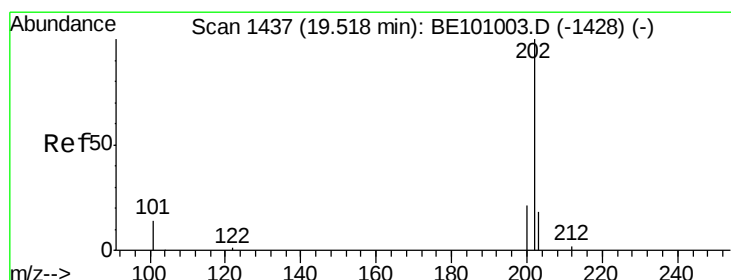
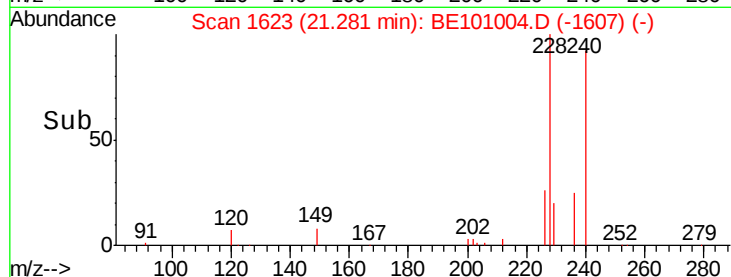
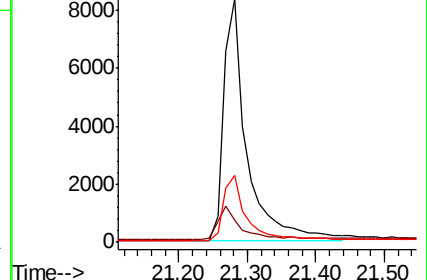
236 27.6 22.2 33.4



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: 0.862 ng

RT: 19.52 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BE101004.D

Acq: 8 Jan 2020 15:15

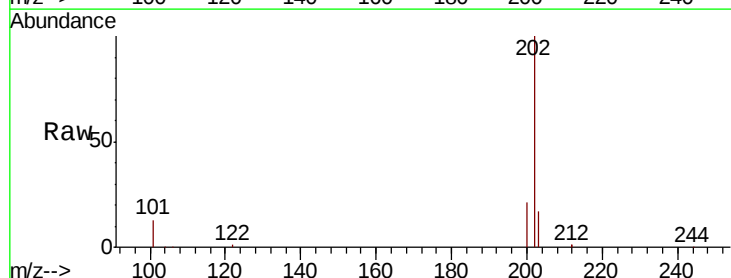
Tgt Ion:202 Resp: 59067

Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

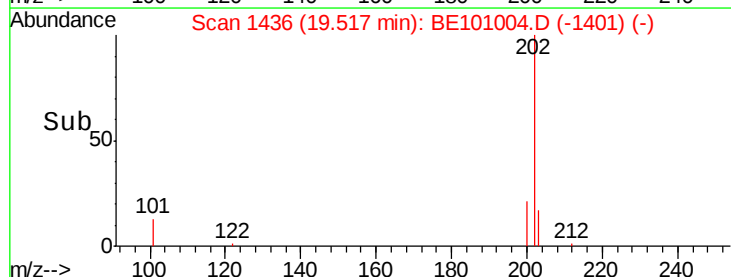
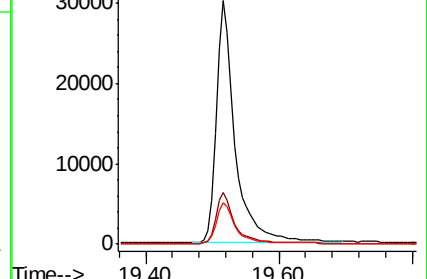
203 17.6 13.8 20.6

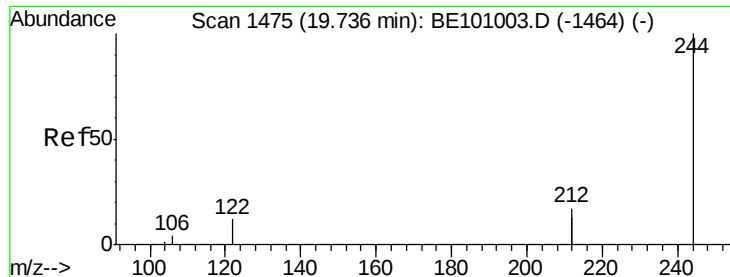


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

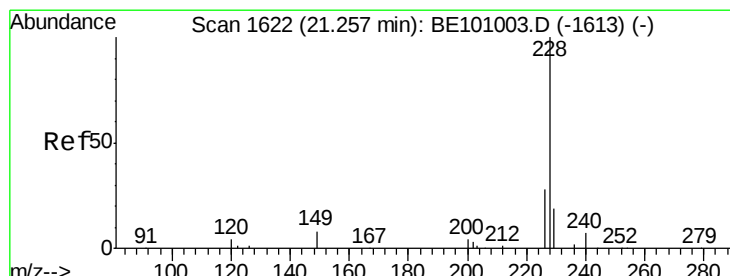
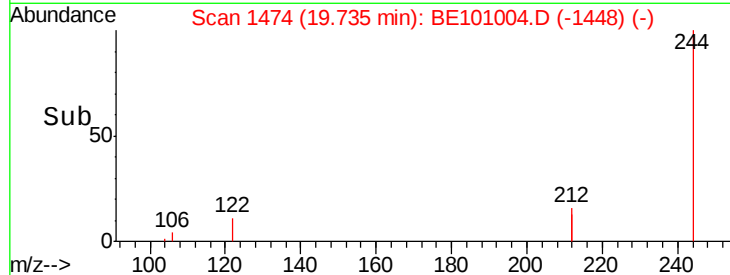
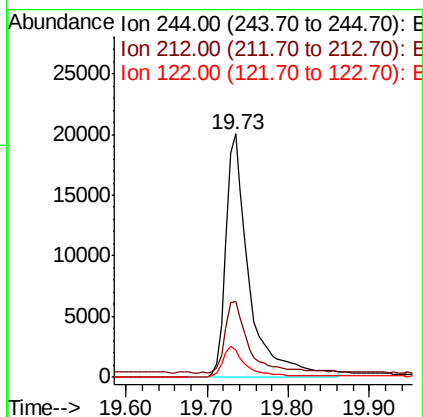
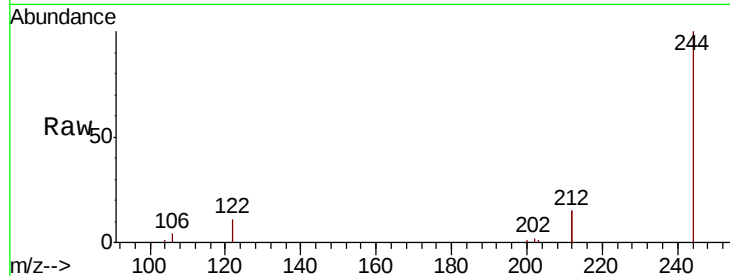




#29
 Terphenyl-d14
 Concen: 0.879 ng
 RT: 19.73 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BE101004.D
 Acq: 8 Jan 2020 15:15

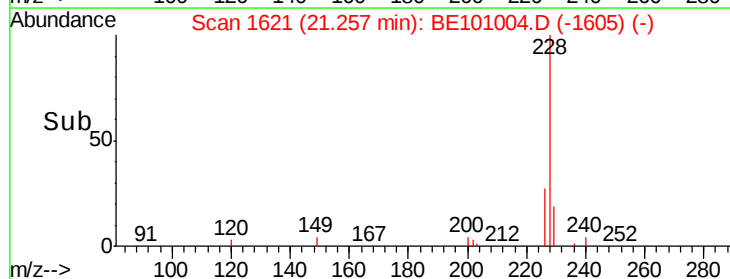
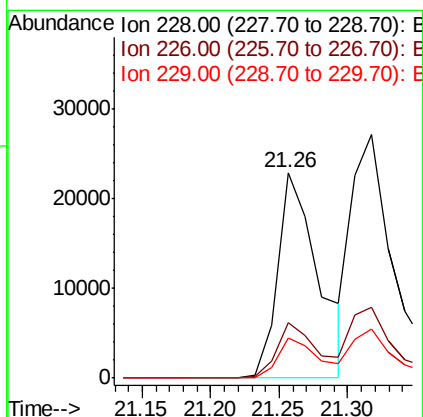
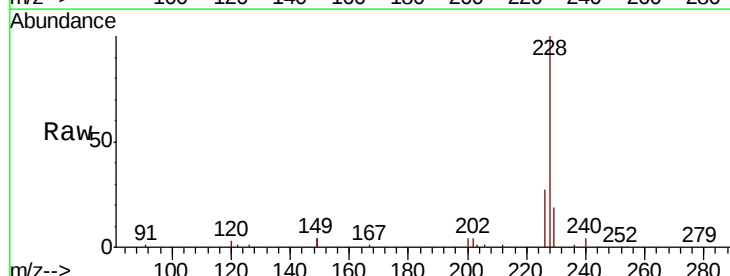
Instrument :
 BNA_E
 ClientSampleId :

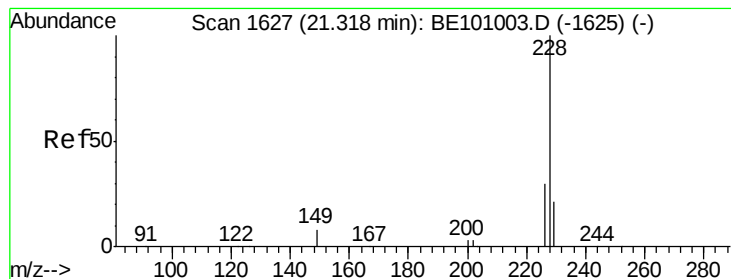
Tot Ion:244 Resp: 39569
 Ion Ratio Lower Upper
 244 100
 212 31.0 27.2 40.8
 122 11.0 9.8 14.8



#30
 Benzo(a)anthracene
 Concen: 0.971 ng
 RT: 21.26 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BE101004.D
 Acq: 8 Jan 2020 15:15

Tgt Ion:228 Resp: 46558
 Ion Ratio Lower Upper
 228 100
 226 27.2 22.7 34.1
 229 19.4 15.5 23.3





#31

Chrysene

Concen: 0.737 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE101004.D

Acq: 8 Jan 2020 15:15

Instrument :

BNA_E

ClientSampled :

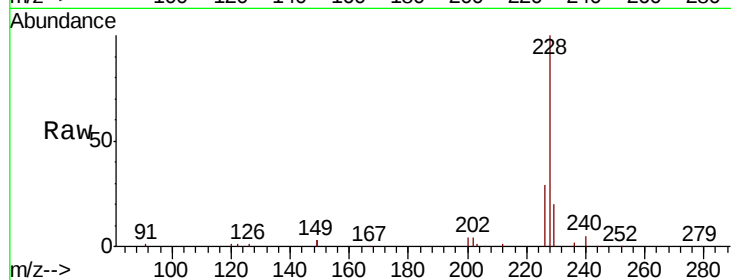
Tot Ion:228 Resp: 65790

Ion Ratio Lower Upper

228 100

226 28.9 23.5 35.3

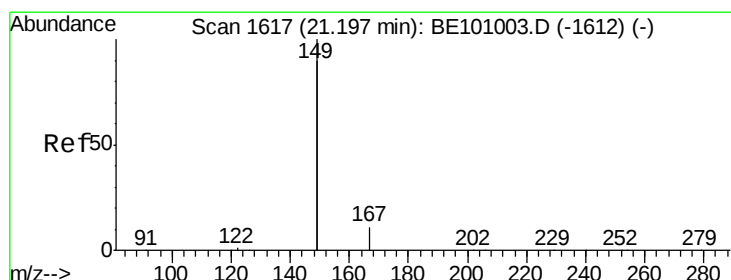
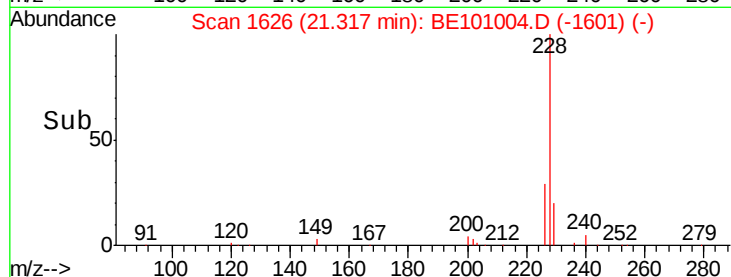
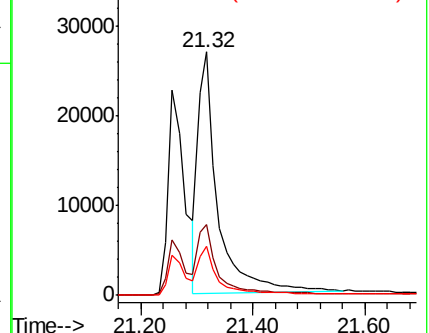
229 19.9 16.7 25.1



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: 0.624 ng

RT: 21.20 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BE101004.D

Acq: 8 Jan 2020 15:15

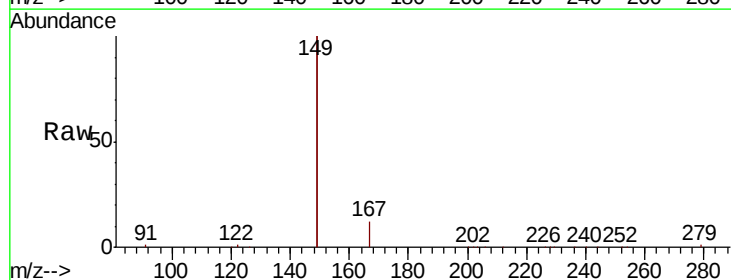
Tgt Ion:149 Resp: 65824

Ion Ratio Lower Upper

149 100

167 6.3 5.2 7.8

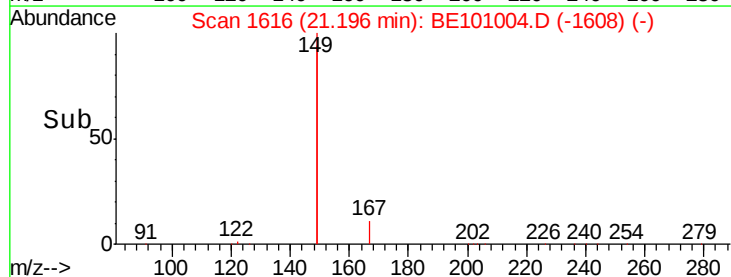
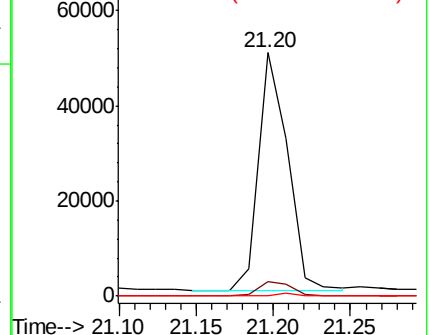
279 0.8 0.8 1.2

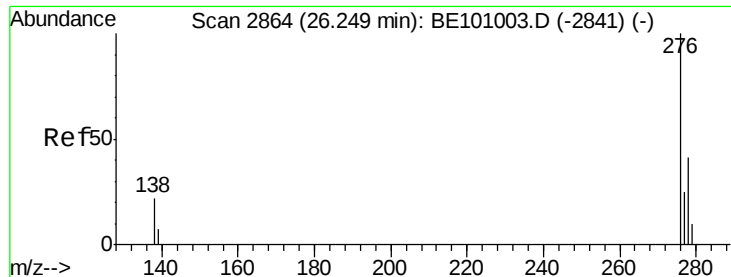


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

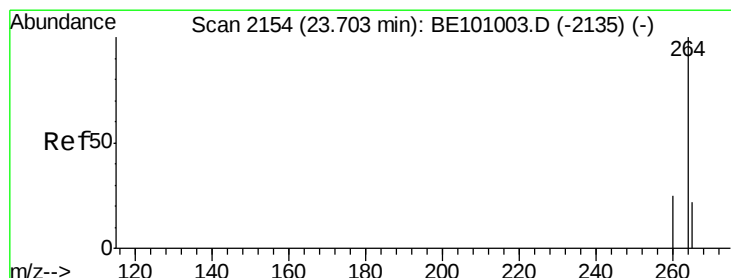
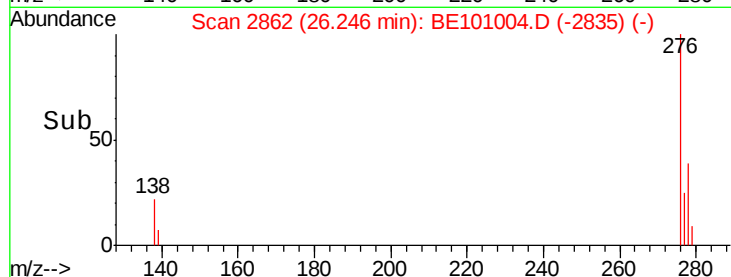
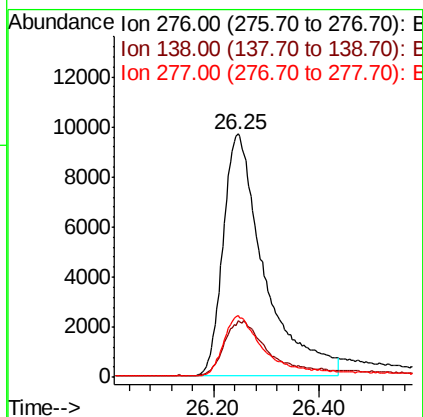
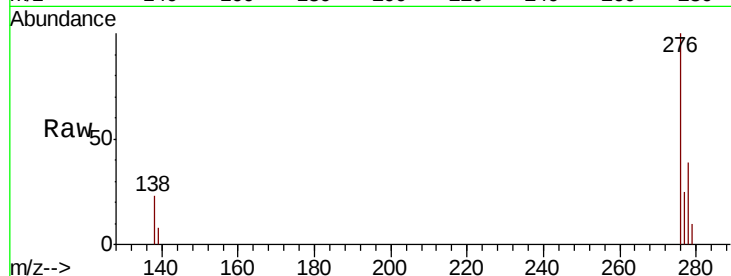




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.780 ng
 RT: 26.25 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: BE101004.D
 Acq: 8 Jan 2020 15:15

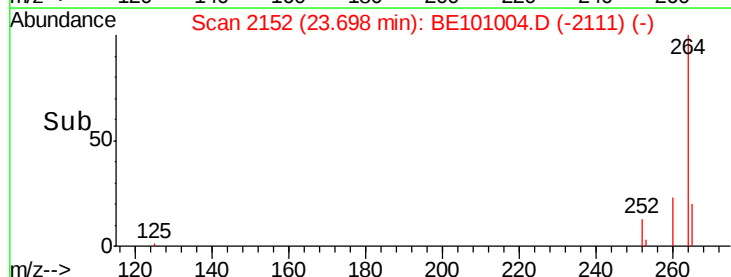
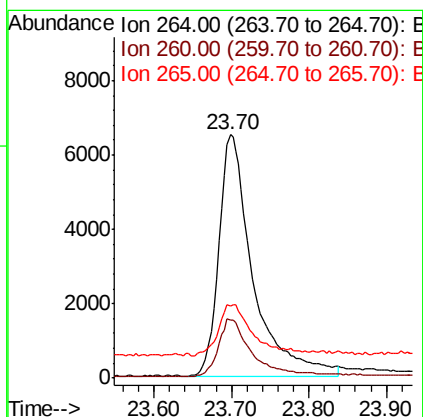
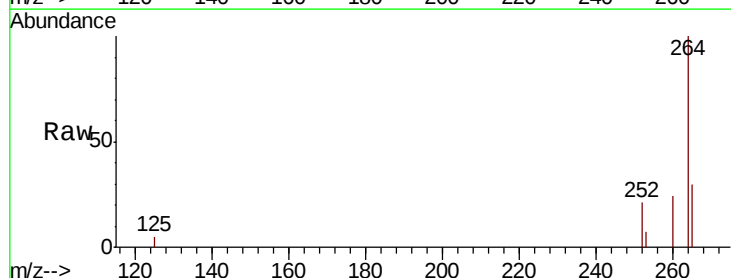
Instrument :
 BNA_E
 ClientSampleId :

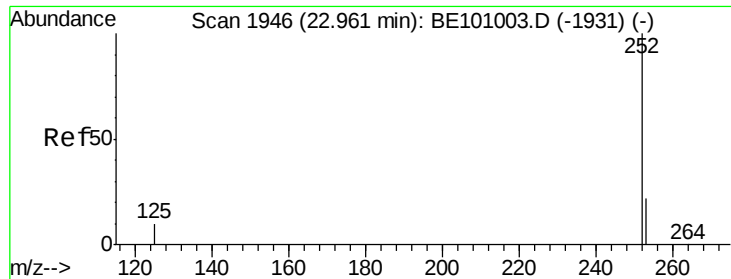
Tot Ion:276 Resp: 52443
 Ion Ratio Lower Upper
 276 100
 138 23.5 16.1 24.1
 277 24.4 18.1 27.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.70 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BE101004.D
 Acq: 8 Jan 2020 15:15

Tgt Ion:264 Resp: 19736
 Ion Ratio Lower Upper
 264 100
 260 23.8 20.3 30.5
 265 29.7 27.0 40.4

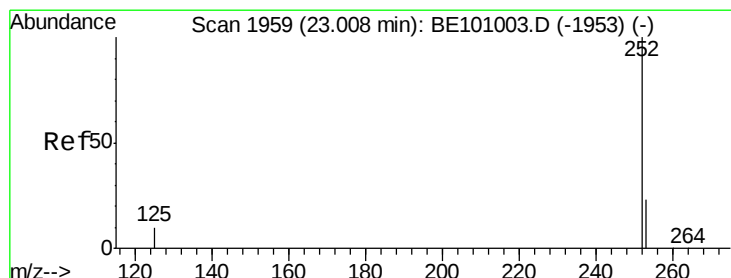
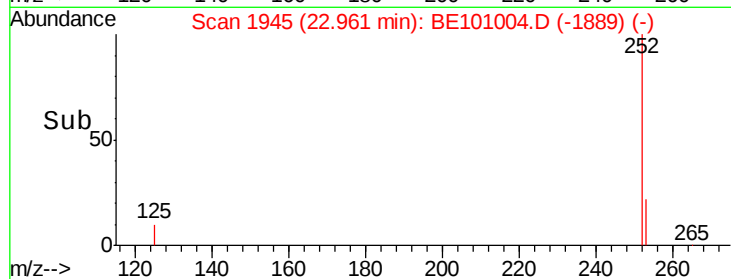
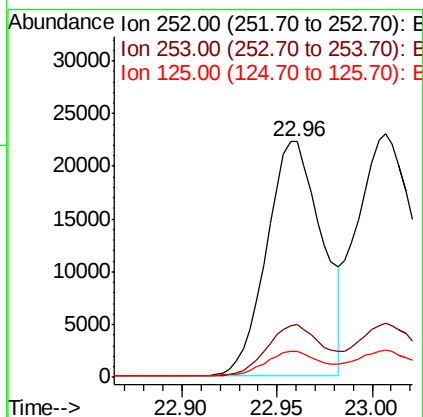
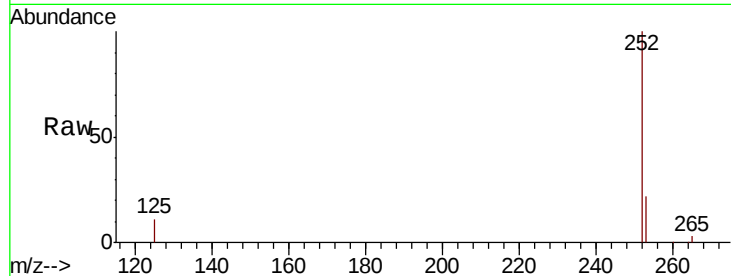




#35
Benzo(b)fluoranthene
Concen: 1.083 ng
RT: 22.96 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BE101004.D
Acq: 8 Jan 2020 15:15

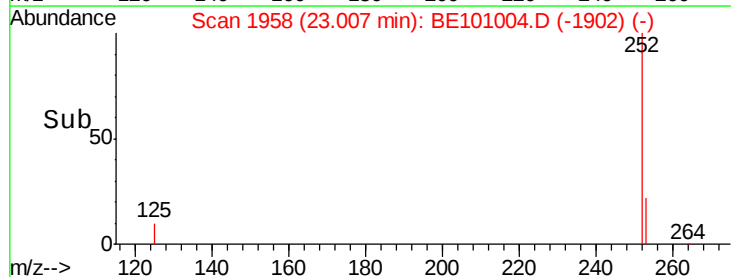
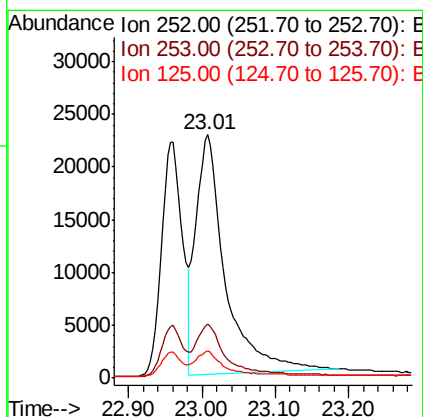
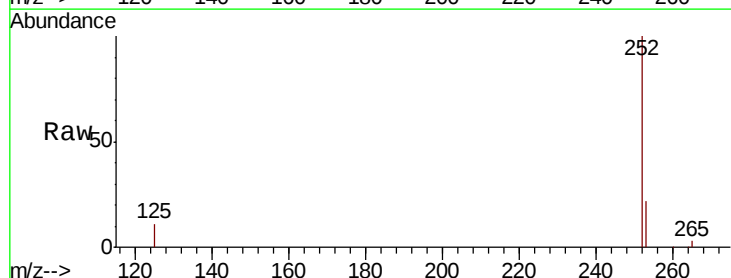
Instrument :
BNA_E
ClientSampleId :

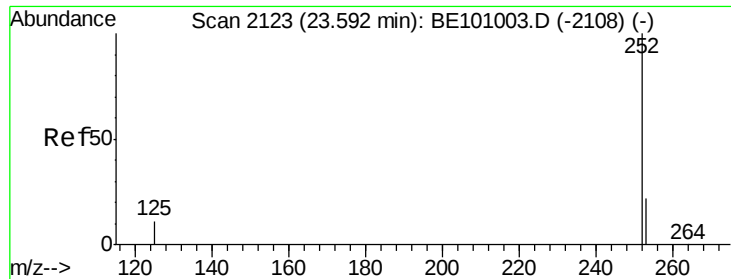
Tot Ion:252 Resp: 45008
Ion Ratio Lower Upper
252 100
253 22.2 18.5 27.7
125 11.0 9.5 14.3



#36
Benzo(k)fluoranthene
Concen: 0.795 ng
RT: 23.01 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BE101004.D
Acq: 8 Jan 2020 15:15

Tgt Ion:252 Resp: 62605
Ion Ratio Lower Upper
252 100
253 22.4 18.9 28.3
125 11.0 10.1 15.1





#37

Benzo(a)pyrene

Concen: 0.893 ng

RT: 23.59 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BE101004.D

Acq: 8 Jan 2020 15:15

Instrument :

BNA_E

ClientSampleId :

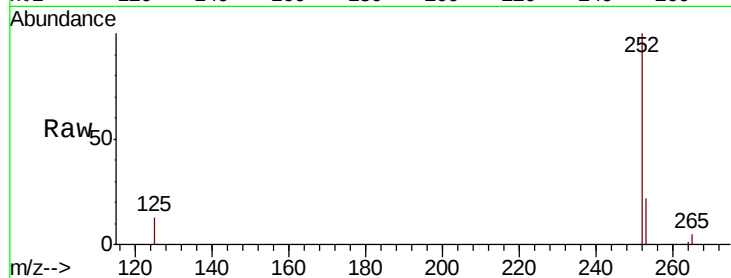
Tot Ion:252 Resp: 43296

Ion Ratio Lower Upper

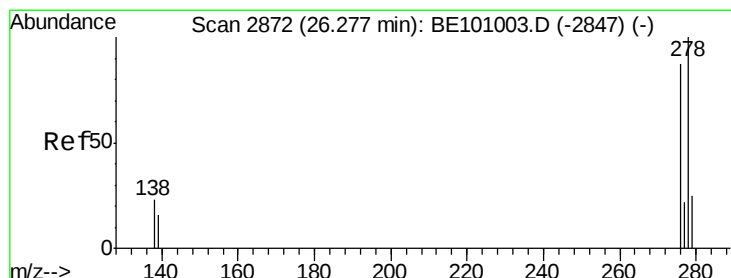
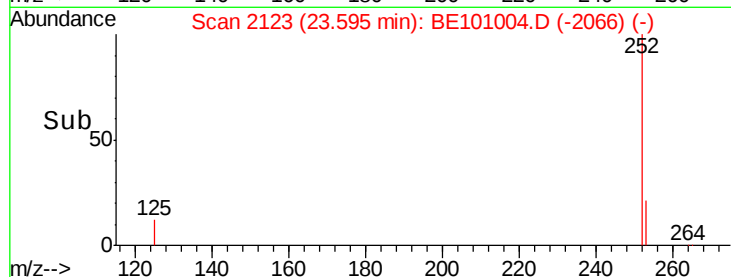
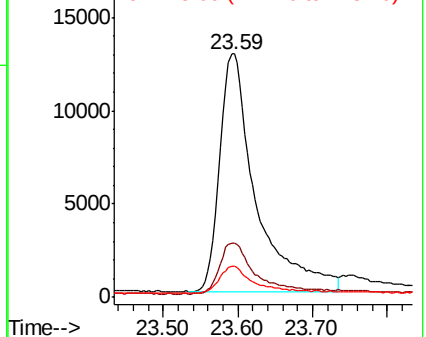
252 100

253 22.5 19.4 29.2

125 12.8 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: 0.912 ng

RT: 26.27 min Scan# 2870

Delta R.T. -0.00 min

Lab File: BE101004.D

Acq: 8 Jan 2020 15:15

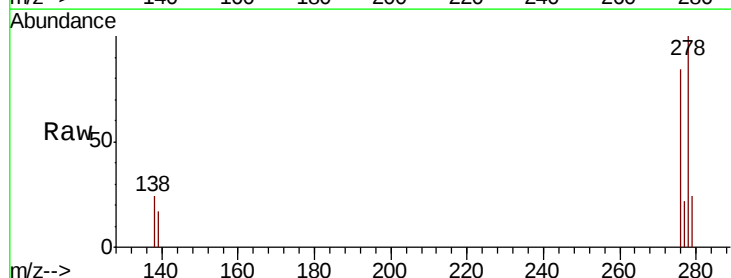
Tgt Ion:278 Resp: 40091

Ion Ratio Lower Upper

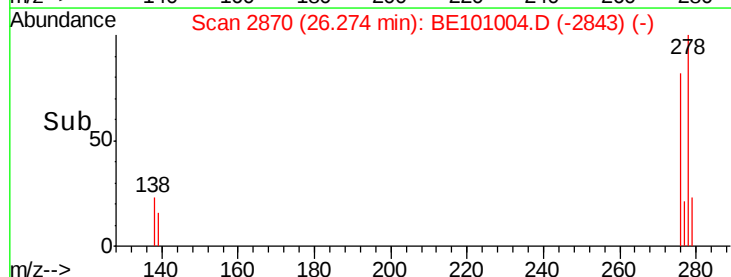
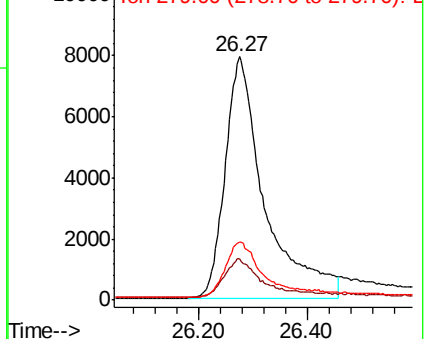
278 100

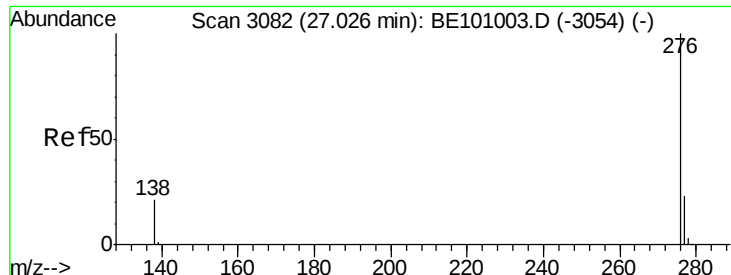
139 16.8 15.0 22.4

279 23.8 22.6 33.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.968 ng

RT: 27.02 min Scan# 3078

Delta R.T. -0.01 min

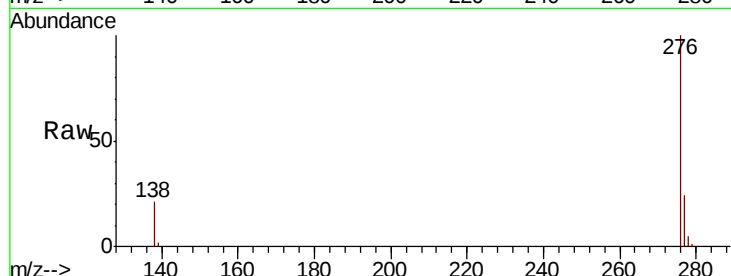
Lab File: BE101004.D

Acq: 8 Jan 2020 15:15

Instrument :

BNA_E

ClientSampleId :



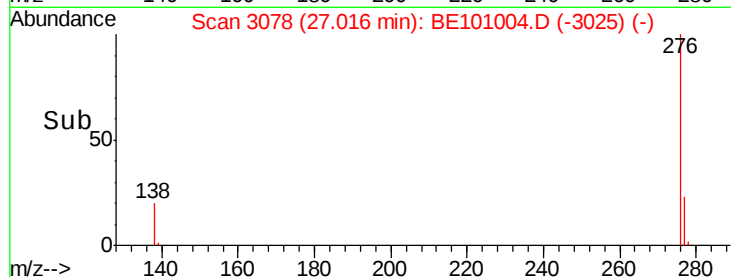
Tot Ion: 276 Resp: 50091

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.2

138 21.1 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

