

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010920\
 Data File : BE101013.D
 Acq On : 9 Jan 2020 16:17
 Operator : JU
 Sample : K5111-02
 Misc : L00-S-0.1NG
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

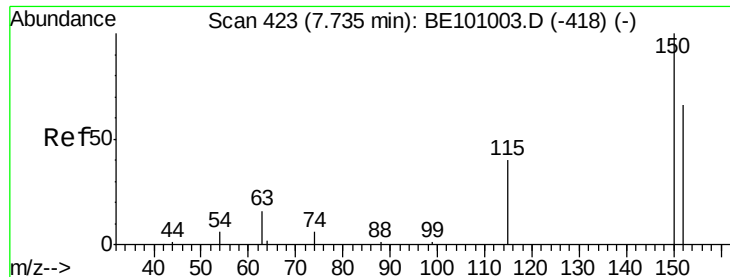
Quant Time: Jan 09 17:56:32 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA E\Methods\8270-SIM-BE010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 09 16:04:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	3282	0.40	ng	-0.01
7) Naphthalene-d8	10.51	136	13920	0.40	ng	0.01
13) Acenaphthene-d10	14.37	164	8872	0.40	ng	0.01
19) Phenanthrene-d10	17.11	188	19444	0.40	ng	0.01
27) Chrysene-d12	21.28	240	13897	0.40	ng	0.00
34) Perylene-d12	23.70	264	15805	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	2544	0.34	ng	-0.01
5) Phenol-d6	6.92	99	2823	0.30	ng	0.00
8) Nitrobenzene-d5	8.89	82	2966	0.30	ng	0.01
11) 2-Methylnaphthalene-d10	12.11	152	8790	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	631	0.25	ng	0.01
15) 2-Fluorobiphenyl	13.00	172	12787	0.38	ng	0.00
25) Fluoranthene-d10	19.13	212	77059	0.29	ng	0.00
29) Terphenyl-d14	19.74	244	15188	0.45	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.29	88	1133	0.135	ng	# 72
3) n-Nitrosodimethylamine	3.61	42	339	0.074	ng	# 83
6) bis(2-Chloroethyl)ether	7.16	93	814	0.073	ng	96
9) Naphthalene	10.55	128	14133	0.091	ng	# 97
10) Hexachlorobutadiene	10.85	225	556	0.085	ng	98
12) 2-Methylnaphthalene	12.18	142	2049	0.088	ng	97
16) Acenaphthylene	14.08	152	2647	0.073	ng	99
17) Acenaphthene	14.43	154	2066	0.080	ng	99
18) Fluorene	15.41	166	2555	0.078	ng	96
20) 4-Bromophenyl-phenylether	16.30	248	700	0.074	ng	# 87
21) Hexachlorobenzene	16.41	284	908	0.087	ng	97
22) Pentachlorophenol	16.76	266	386	0.150	ng	90
23) Phenanthrene	17.15	178	4085	0.077	ng	98
24) Anthracene	17.15	178	4085	0.082	ng	97
26) Fluoranthene	19.16	202	5064	0.076	ng	98
28) Pyrene	19.52	202	4996	0.097	ng	99
30) Benzo(a)anthracene	21.26	228	2836	0.072	ng	93
31) Chrysene	21.32	228	5423	0.092	ng	96
32) Bis(2-ethylhexyl)phthalate	21.20	149	4776	0.072	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.25	276	3278	0.070	ng	# 83
35) Benzo(b)fluoranthene	22.96	252	2690	0.061	ng	# 86
36) Benzo(k)fluoranthene	23.01	252	4436	0.069	ng	# 81
37) Benzo(a)pyrene	23.59	252	2908	0.068	ng	# 76
38) Dibenzo(a,h)anthracene	26.27	278	2157	0.055	ng	# 79
39) Benzo(g,h,i)perylene	27.02	276	3722	0.077	ng	# 92

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

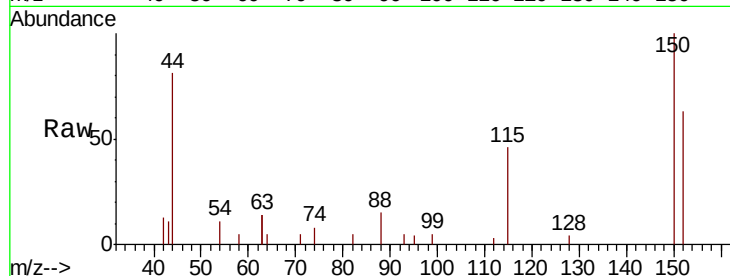


#1

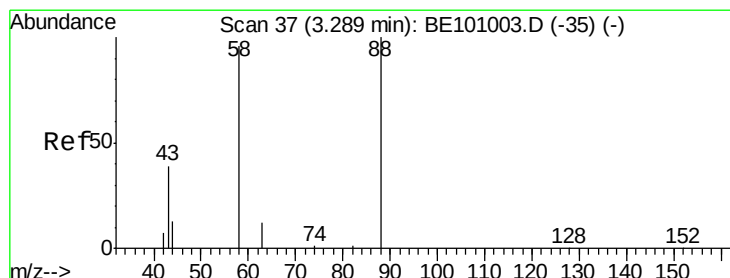
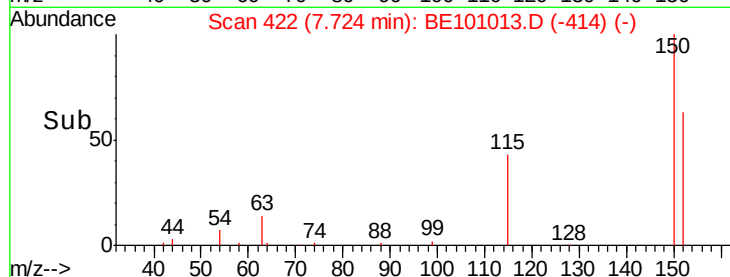
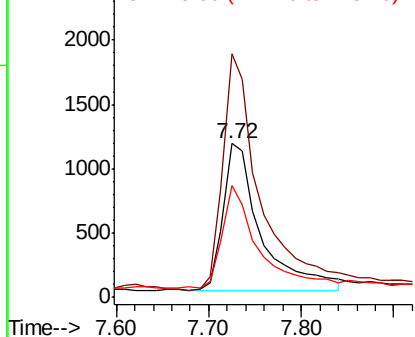
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 3282
Ion Ratio Lower Upper
152 100
150 158.5 120.3 180.5
115 72.4 51.7 77.5



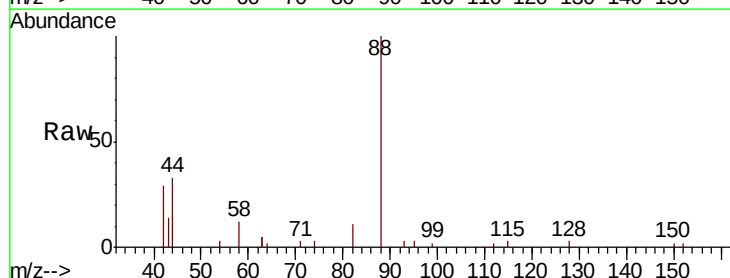
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



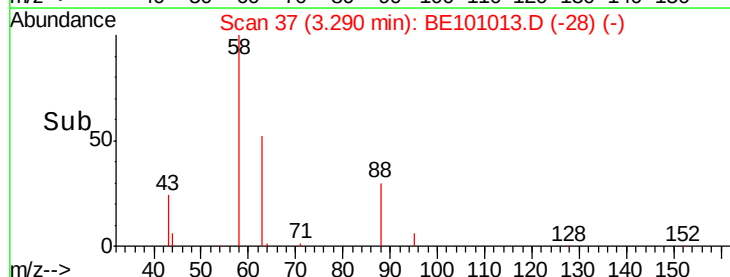
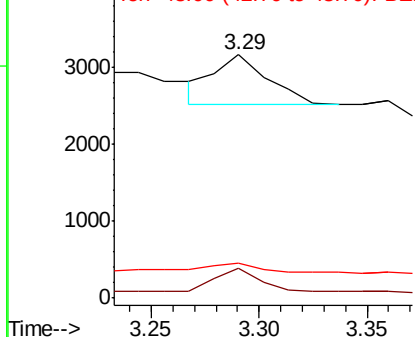
#2

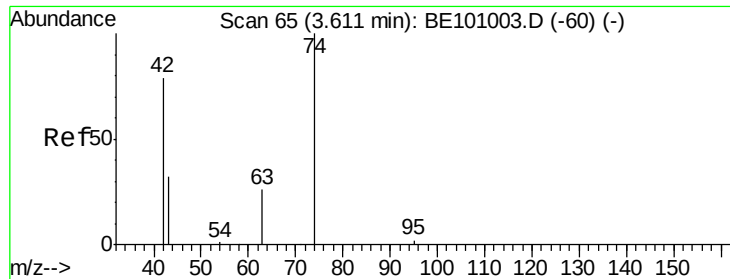
1,4-Dioxane
Concen: 0.135 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Tgt Ion: 88 Resp: 1133
Ion Ratio Lower Upper
88 100
58 40.0 53.0 79.4#
43 20.2 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



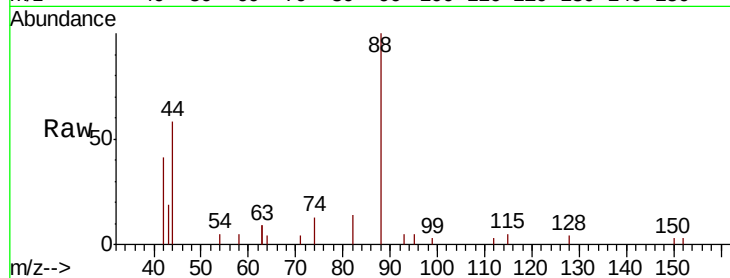


#3

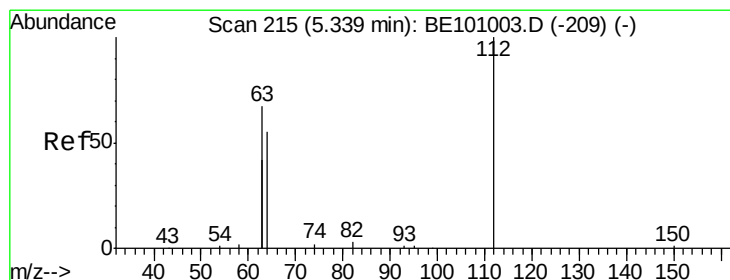
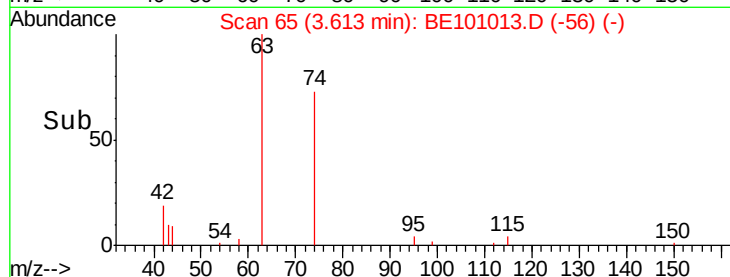
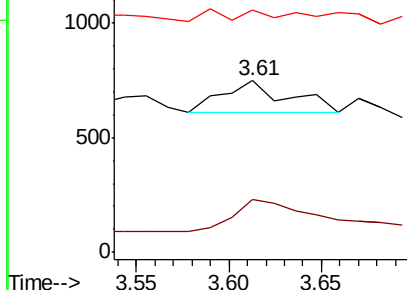
n-Nitrosodimethylamine
 Concen: 0.074 ng
 RT: 3.61 min Scan# 65
 Delta R.T. 0.00 min
 Lab File: BE101013.D
 Acq: 9 Jan 2020 16:17

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 339
 Ion Ratio Lower Upper
 42 100
 74 114.2 105.7 158.5
 44 0.0 10.0 15.0#



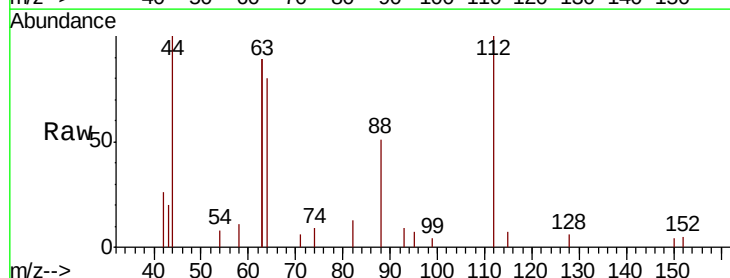
Abundance Ion 42.00 (41.70 to 42.70): BE1
 Ion 74.00 (73.70 to 74.70): BE1
 Ion 44.00 (43.70 to 44.70): BE1



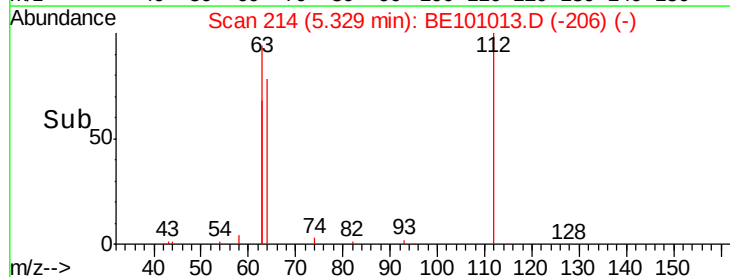
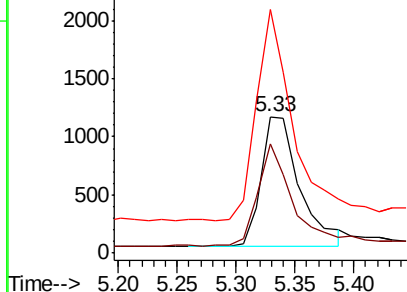
#4

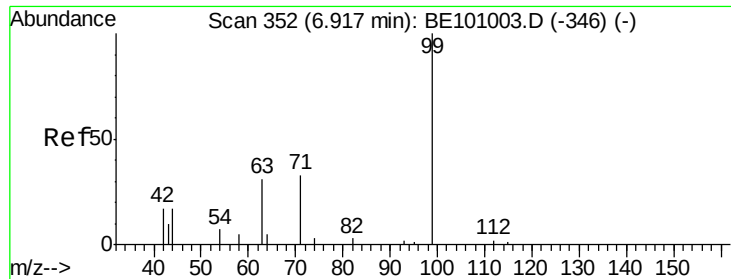
2-Fluorophenol
 Concen: 0.344 ng
 RT: 5.33 min Scan# 214
 Delta R.T. -0.01 min
 Lab File: BE101013.D
 Acq: 9 Jan 2020 16:17

Tgt Ion: 112 Resp: 2544
 Ion Ratio Lower Upper
 112 100
 64 70.0 53.6 80.4
 63 153.7 114.6 172.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE1
 Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.302 ng

RT: 6.92 min Scan# 352

Delta R.T. 0.00 min

Lab File: BE101013.D

Acq: 9 Jan 2020 16:17

Instrument :

BNA_E

ClientSampleId :

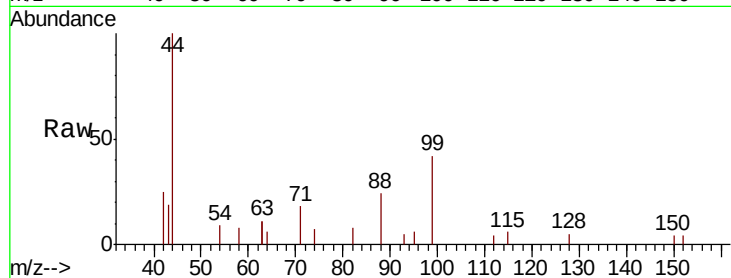
Tot Ion: 99 Resp: 2823

Ion Ratio Lower Upper

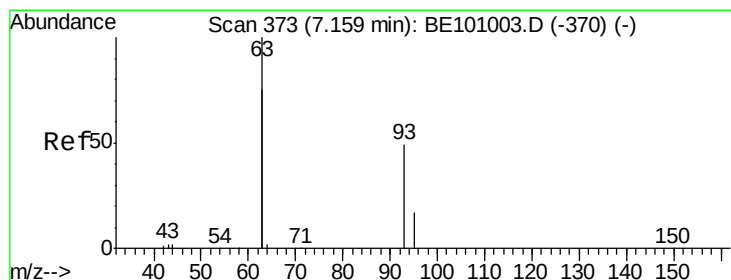
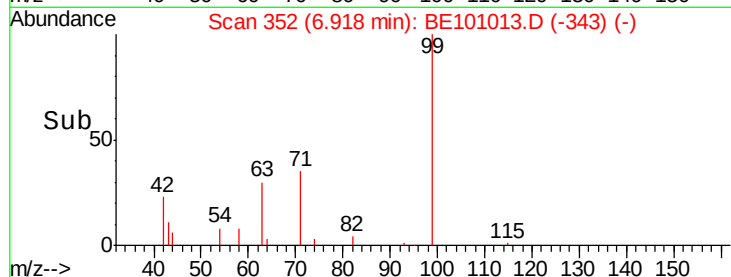
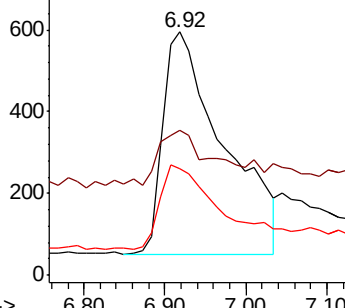
99 100

42 21.0 18.3 27.5

71 38.1 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: 0.073 ng

RT: 7.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: BE101013.D

Acq: 9 Jan 2020 16:17

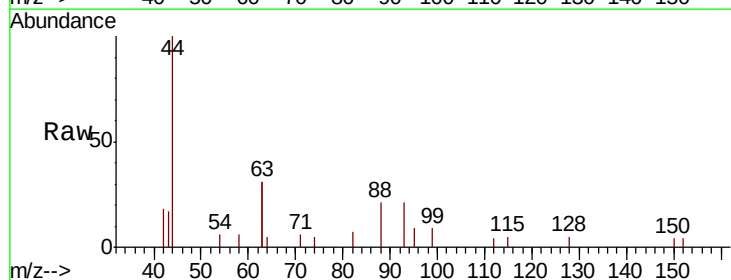
Tgt Ion: 93 Resp: 814

Ion Ratio Lower Upper

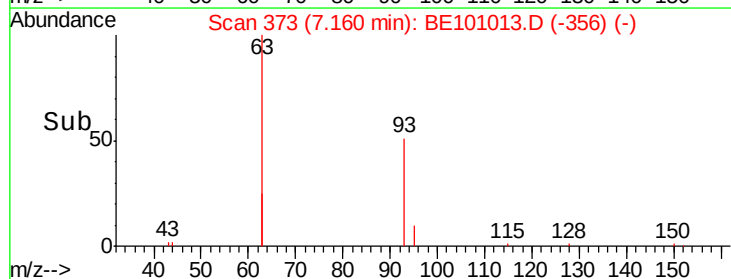
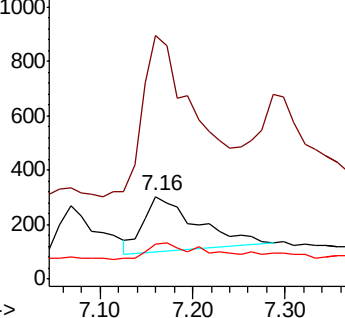
93 100

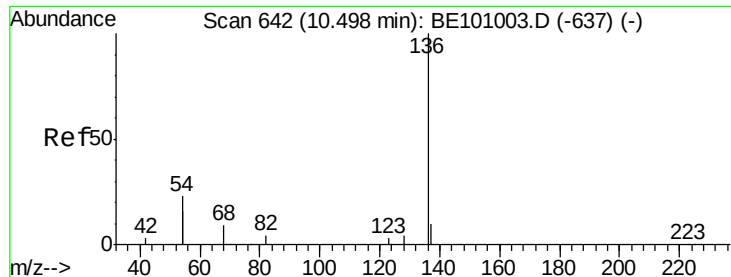
63 284.8 233.9 350.9

95 30.3 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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.51 min Scan# 642

Delta R.T. 0.01 min

Lab File: BE101013.D

Acq: 9 Jan 2020 16:17

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 13920

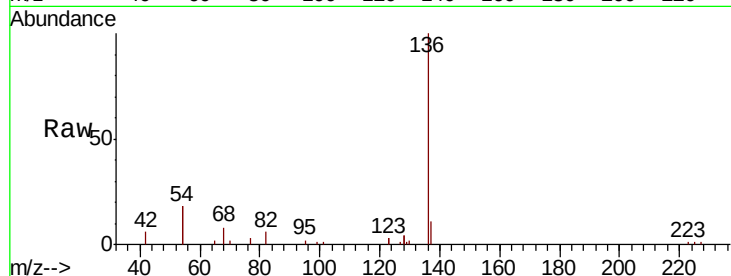
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 35.3 36.8 55.2#

68 7.8 8.4 12.6#

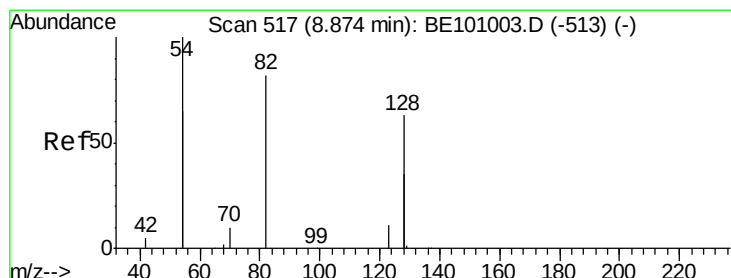
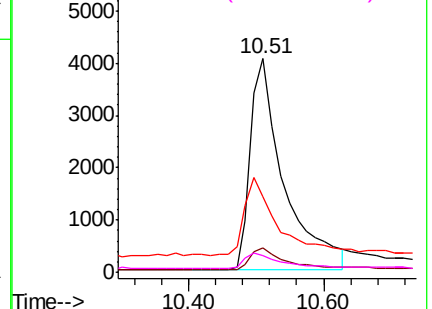
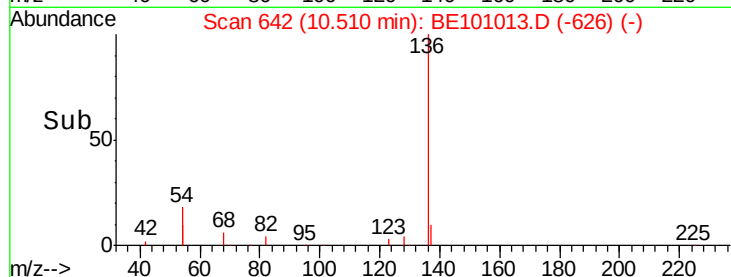


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.298 ng

RT: 8.89 min Scan# 517

Delta R.T. 0.01 min

Lab File: BE101013.D

Acq: 9 Jan 2020 16:17

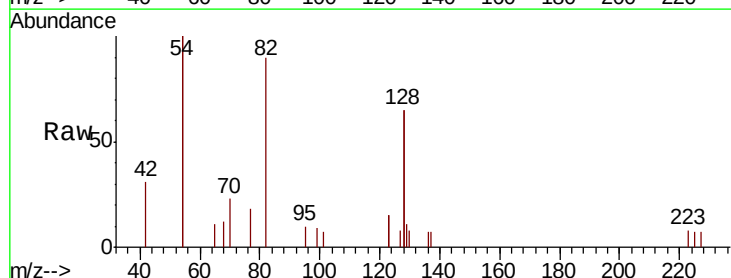
Tgt Ion: 82 Resp: 2966

Ion Ratio Lower Upper

82 100

128 144.5 109.8 164.6

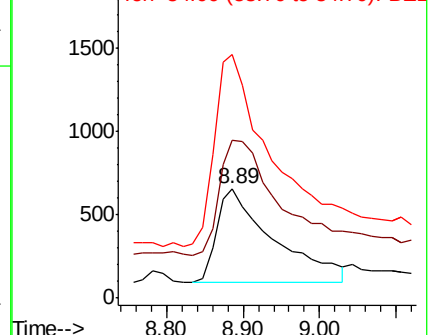
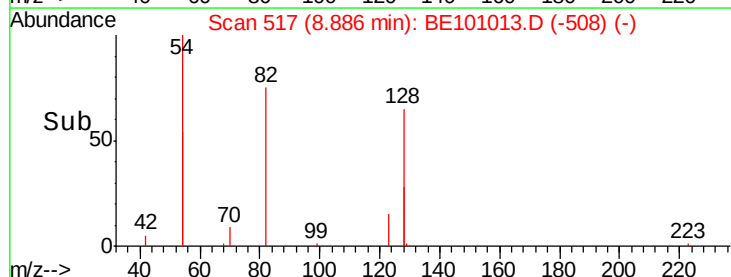
54 222.2 174.5 261.7

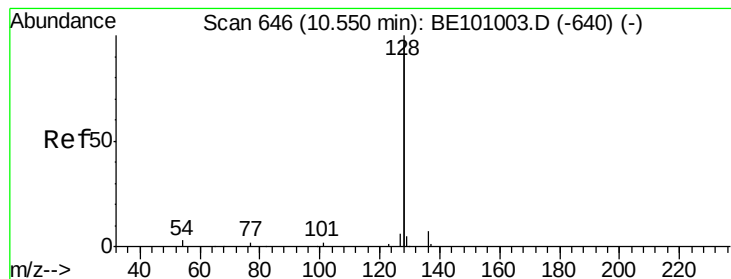


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.091 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE101013.D

Acq: 9 Jan 2020 16:17

Instrument :

BNA_E

ClientSampled :

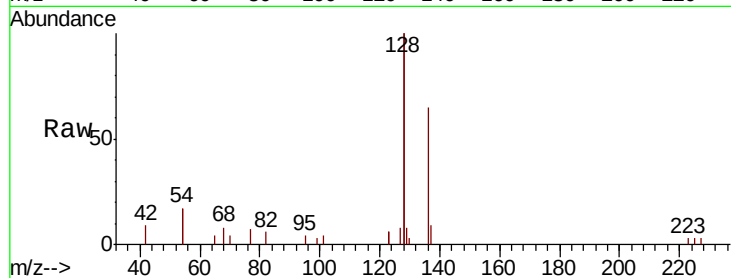
Tot Ion:128 Resp: 14133

Ion Ratio Lower Upper

128 100

129 4.0 2.3 3.5#

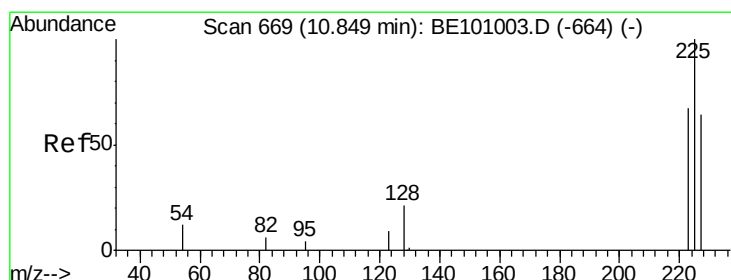
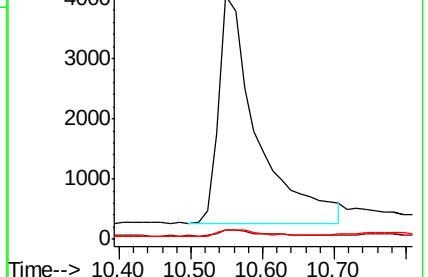
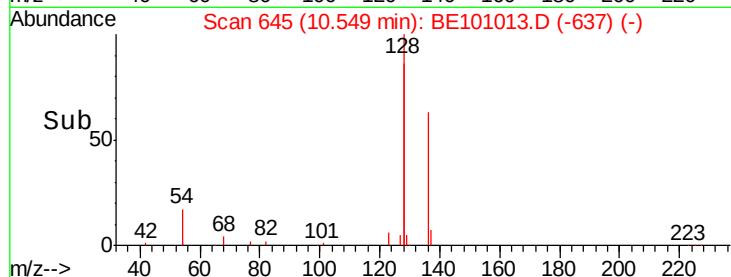
127 4.1 2.7 4.1



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: 0.085 ng

RT: 10.85 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE101013.D

Acq: 9 Jan 2020 16:17

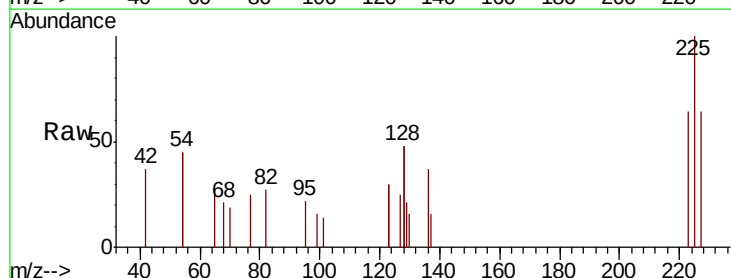
Tgt Ion:225 Resp: 556

Ion Ratio Lower Upper

225 100

223 66.5 52.2 78.4

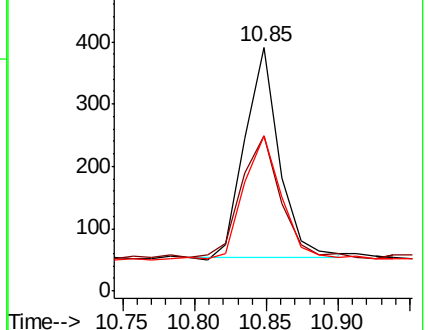
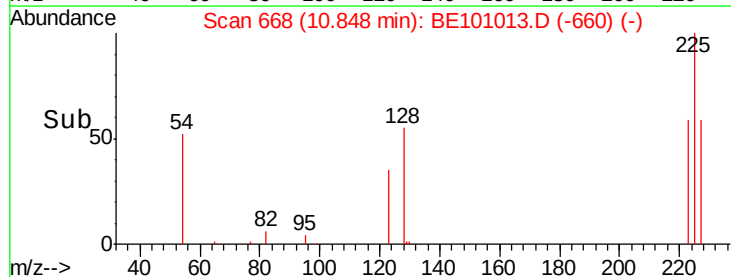
227 64.9 49.9 74.9

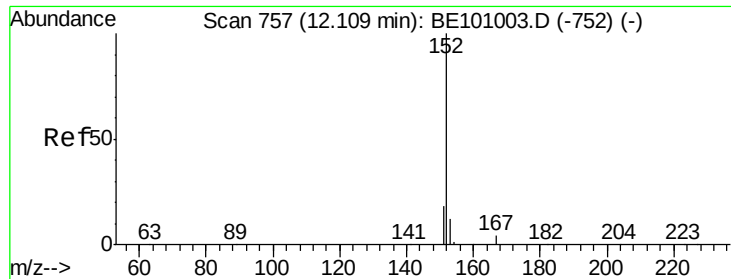


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

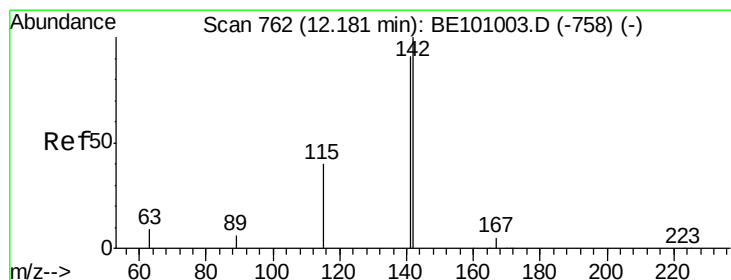
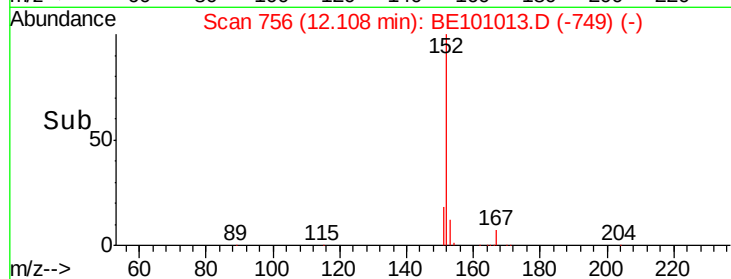
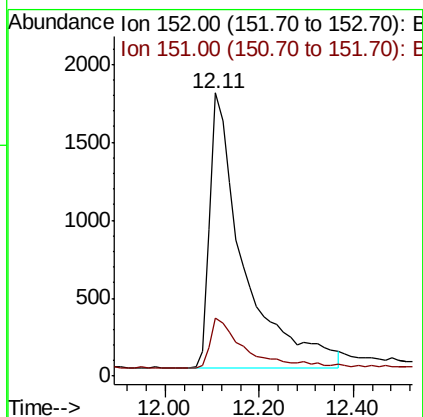
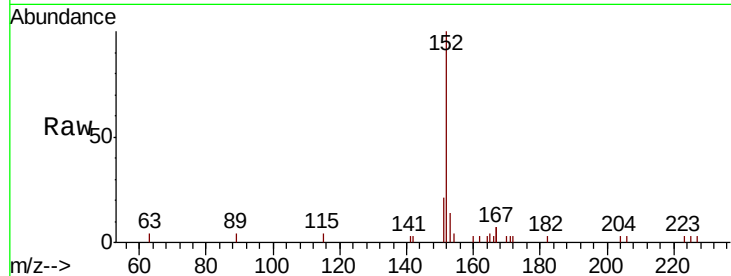




#11
 2-Methylnaphthalene-d10
 Concen: 0.331 ng
 RT: 12.11 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BE101013.D
 Acq: 9 Jan 2020 16:17

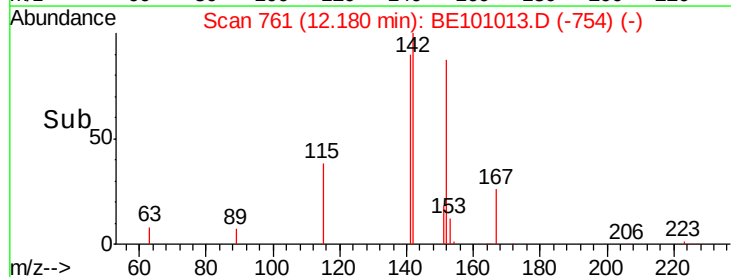
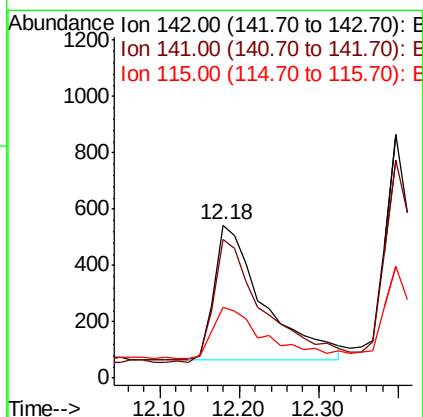
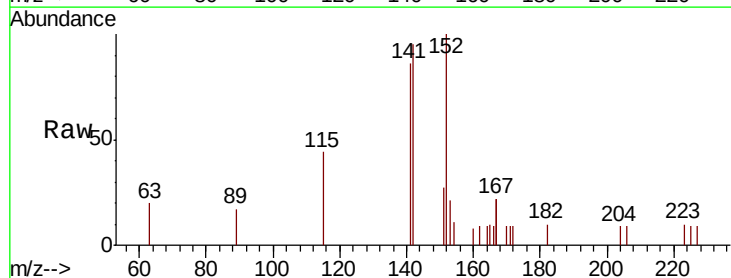
Instrument :
 BNA_E
 ClientSampleId :

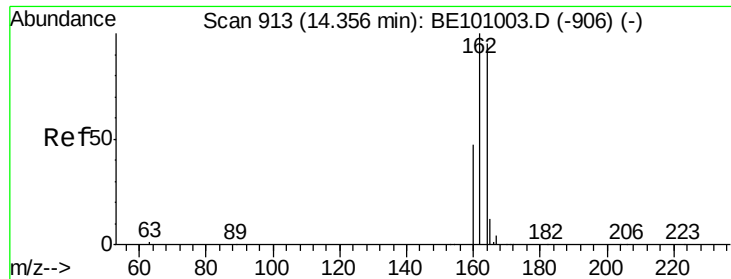
Tot Ion:152 Resp: 8790
 Ion Ratio Lower Upper
 152 100
 151 18.3 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.088 ng
 RT: 12.18 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BE101013.D
 Acq: 9 Jan 2020 16:17

Tgt Ion:142 Resp: 2049
 Ion Ratio Lower Upper
 142 100
 141 90.8 72.5 108.7
 115 46.5 33.0 49.6

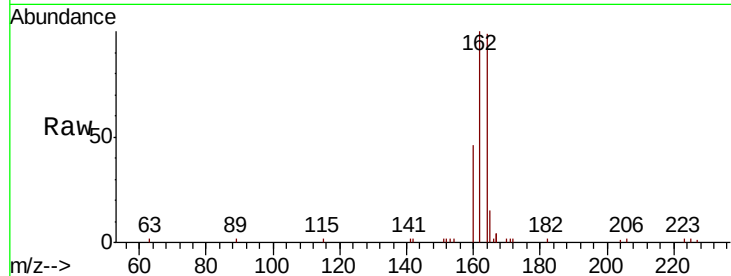




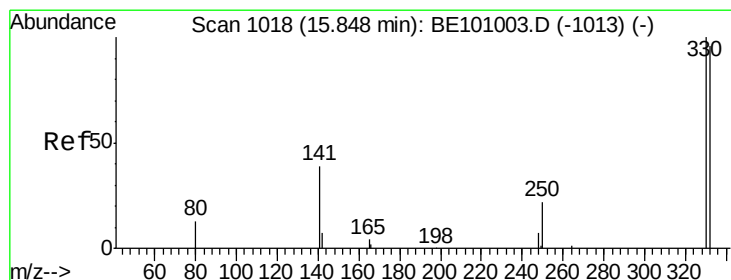
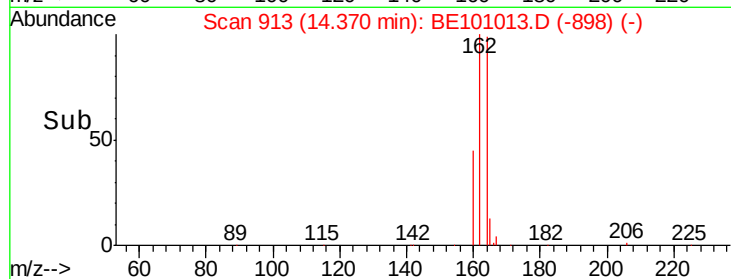
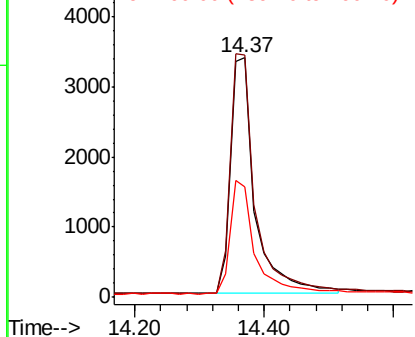
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.37 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: BE101013.D
 Acq: 9 Jan 2020 16:17

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 8872
 Ion Ratio Lower Upper
 164 100
 162 101.0 84.1 126.1
 160 46.1 40.4 60.6

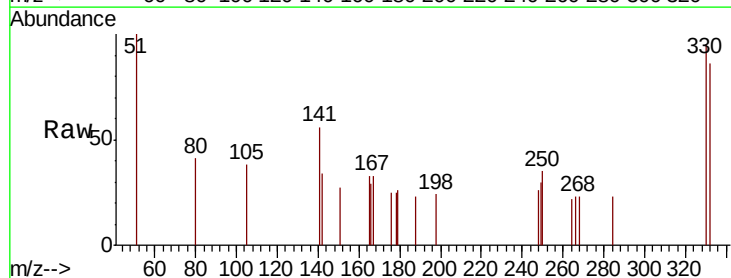


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

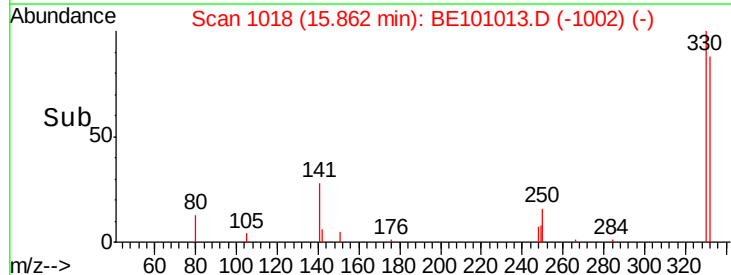
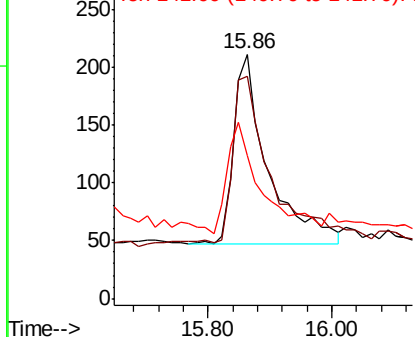


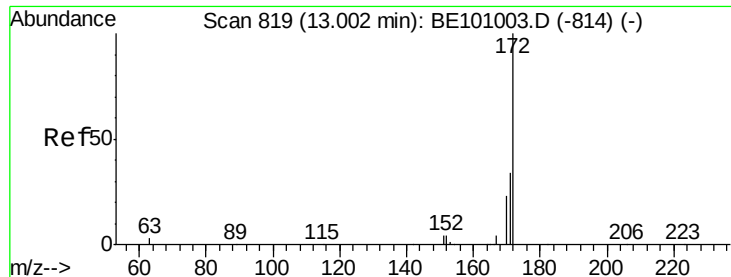
#14
 2,4,6-Tribromophenol
 Concen: 0.252 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: BE101013.D
 Acq: 9 Jan 2020 16:17

Tgt Ion:330 Resp: 631
 Ion Ratio Lower Upper
 330 100
 332 104.4 78.4 117.6
 141 59.0 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

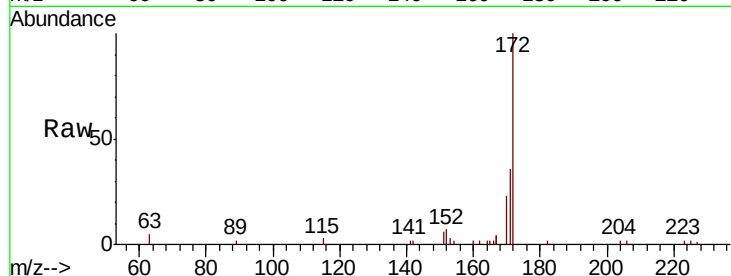




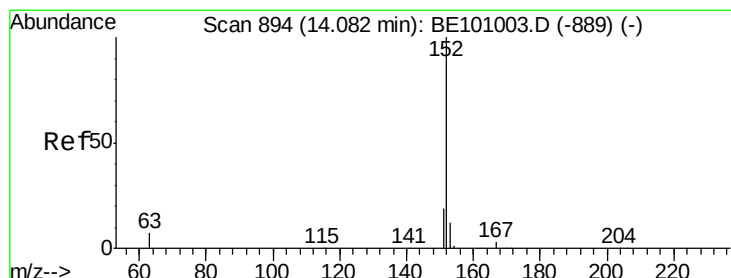
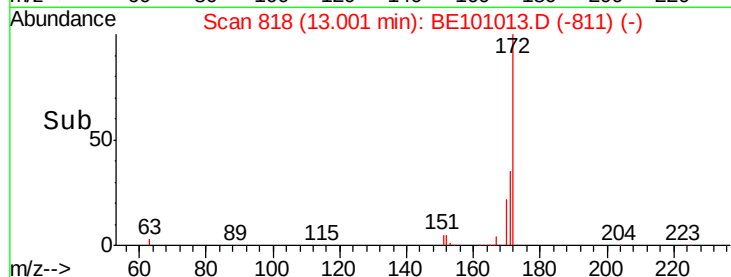
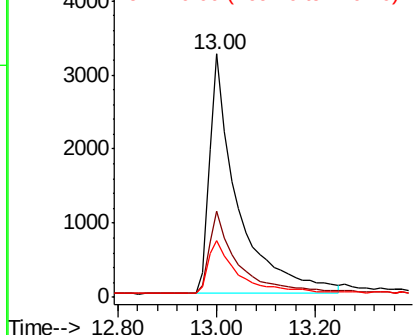
#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 12787
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.1 18.9 28.3

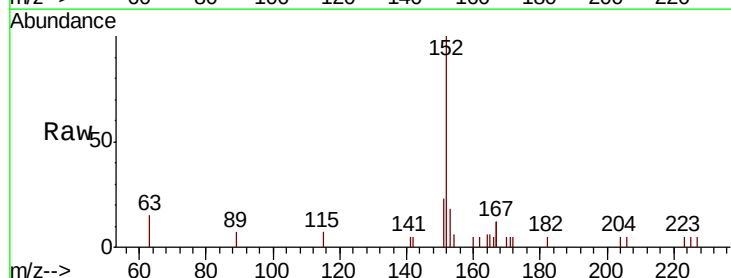


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

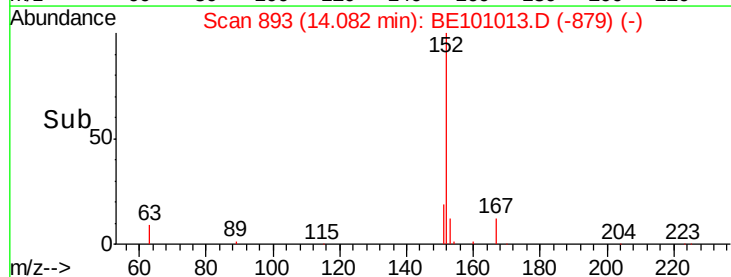
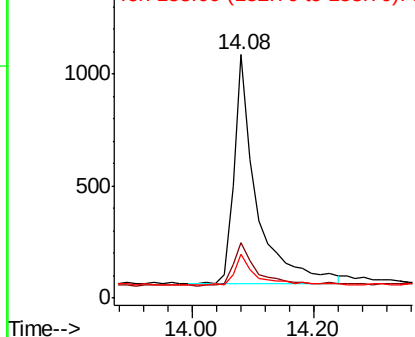


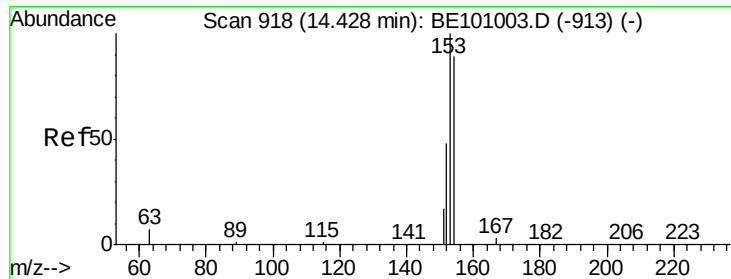
#16
Acenaphthylene
Concen: 0.073 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Tgt Ion:152 Resp: 2647
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3
153 12.7 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

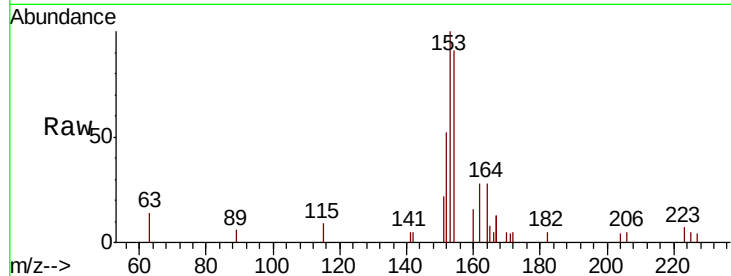




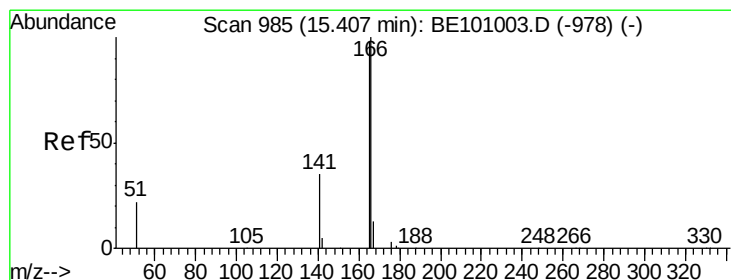
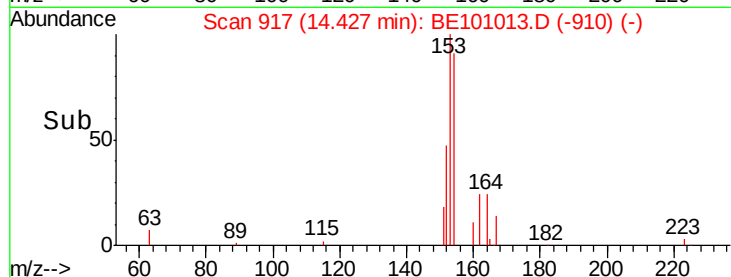
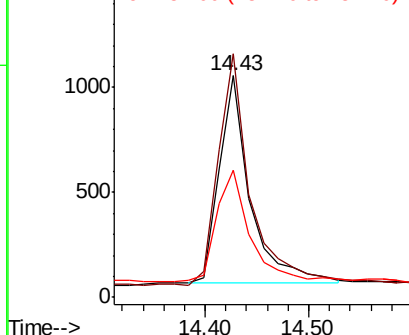
#17
Acenaphthene
Concen: 0.080 ng
RT: 14.43 min Scan# 917
Delta R.T. -0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 2066
Ion Ratio Lower Upper
154 100
153 115.9 93.6 140.4
152 59.1 46.3 69.5

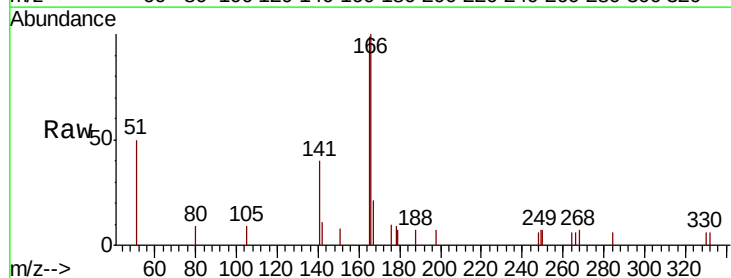


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

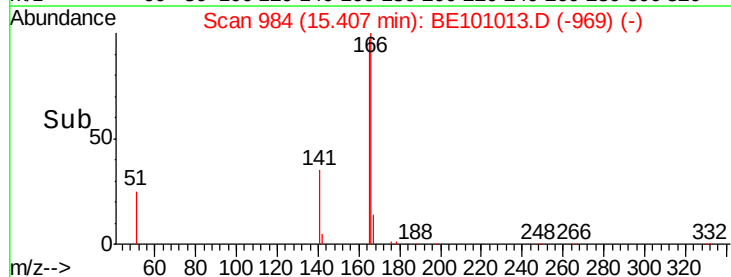
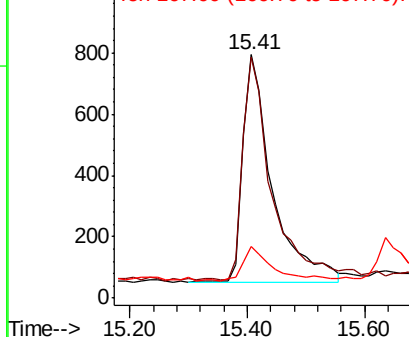


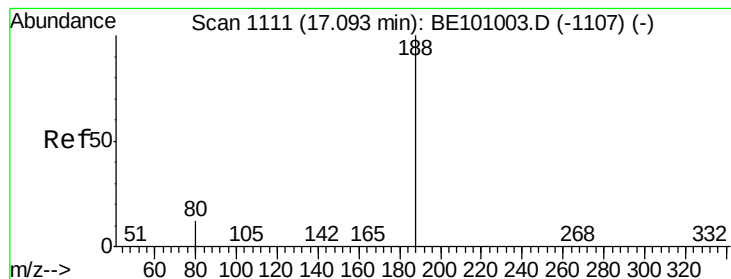
#18
Fluorene
Concen: 0.078 ng
RT: 15.41 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Tgt Ion:166 Resp: 2555
Ion Ratio Lower Upper
166 100
165 96.1 79.8 119.8
167 15.1 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.11 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BE101013.D

Acq: 9 Jan 2020 16:17

Instrument :

BNA_E

ClientSampleId :

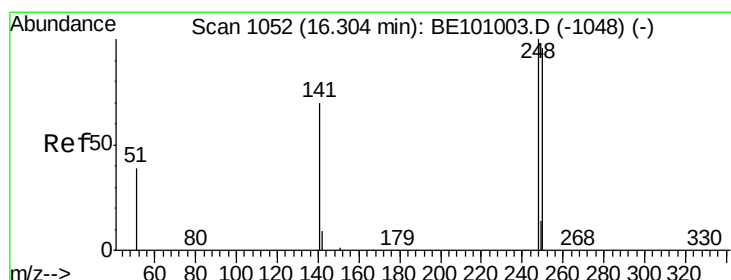
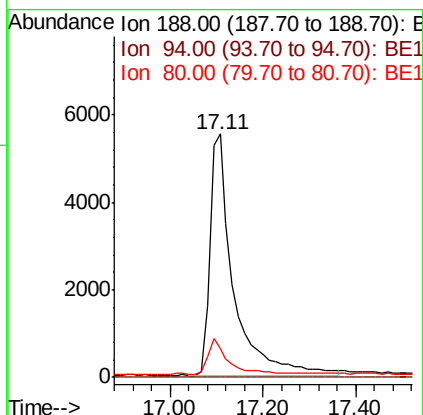
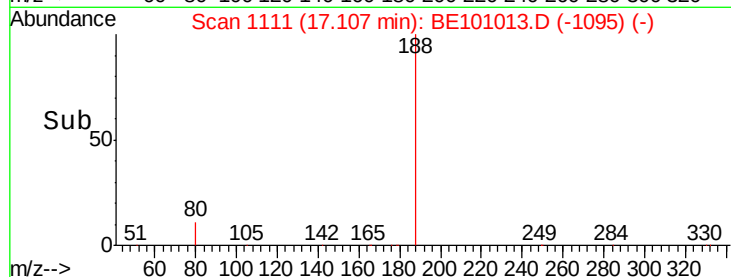
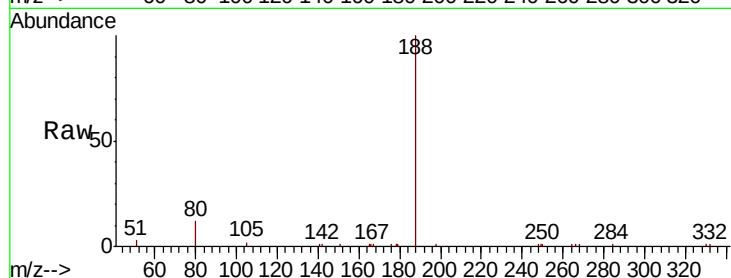
Tot Ion:188 Resp: 19444

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.9 10.8 16.2



#20

4-Bromophenyl-phenylether

Concen: 0.074 ng

RT: 16.30 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BE101013.D

Acq: 9 Jan 2020 16:17

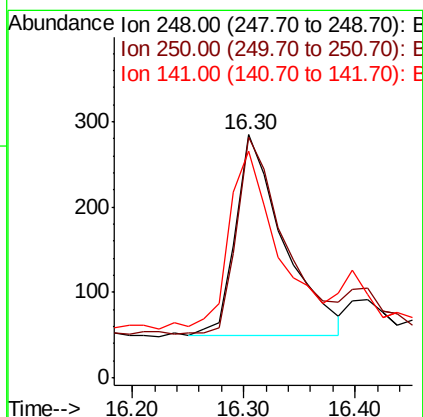
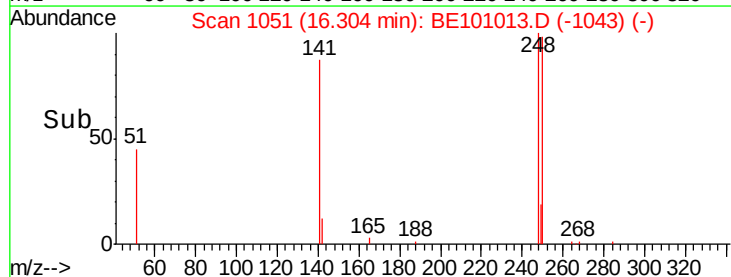
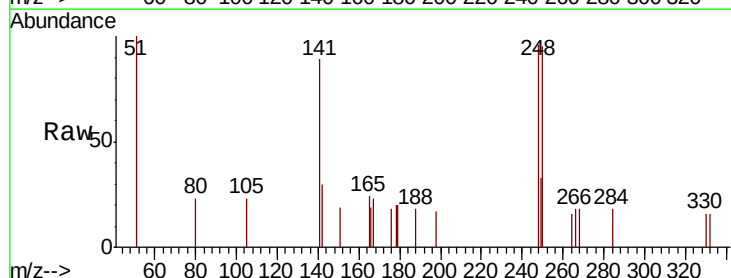
Tgt Ion:248 Resp: 700

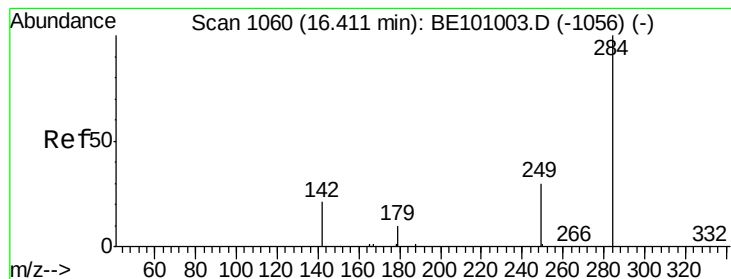
Ion Ratio Lower Upper

248 100

250 98.9 76.6 115.0

141 93.3 57.7 86.5#





#21

Hexachlorobenzene

Concen: 0.087 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE101013.D

Acq: 9 Jan 2020 16:17

Instrument :

BNA_E

ClientSampleId :

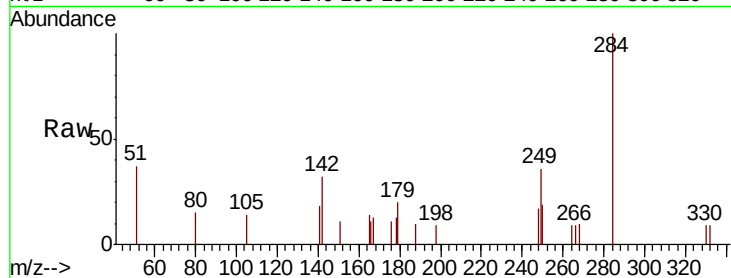
Tot Ion:284 Resp: 908

Ion Ratio Lower Upper

284 100

142 43.3 34.0 51.0

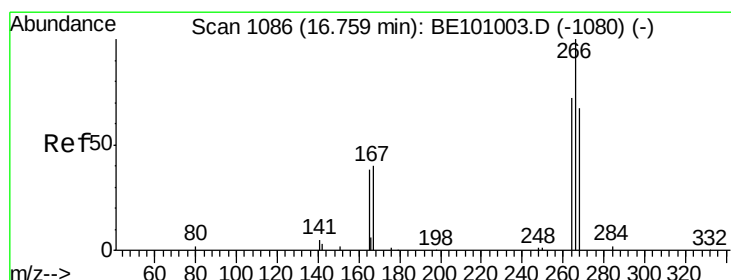
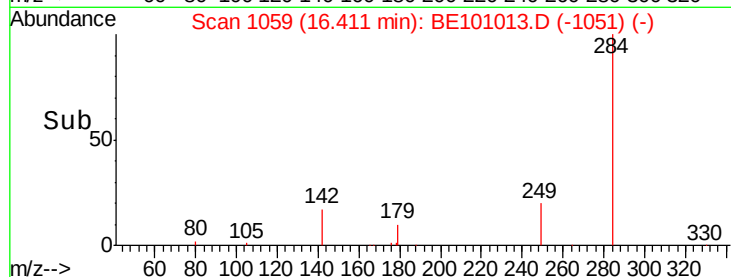
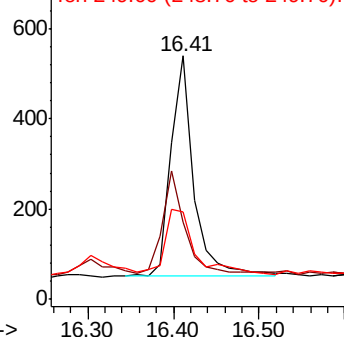
249 38.9 28.2 42.4



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: 0.150 ng

RT: 16.76 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BE101013.D

Acq: 9 Jan 2020 16:17

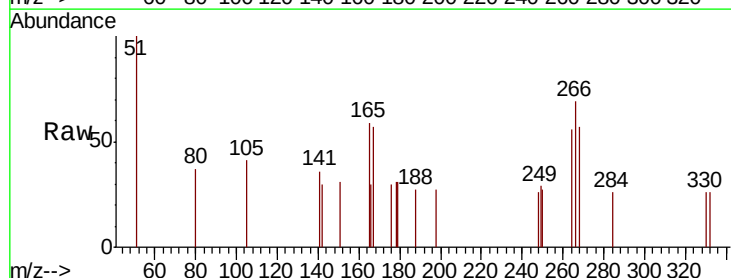
Tgt Ion:266 Resp: 386

Ion Ratio Lower Upper

266 100

264 82.1 61.0 91.4

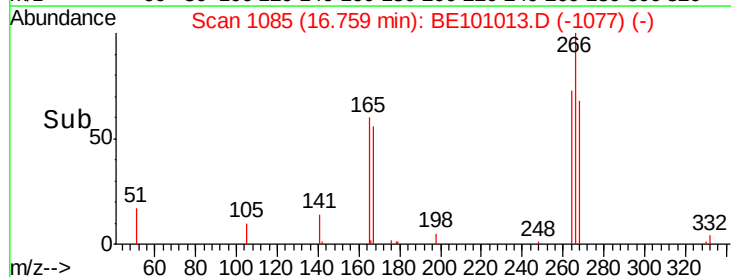
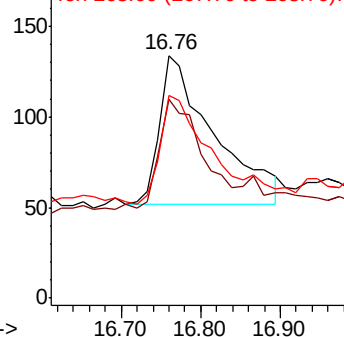
268 83.6 58.5 87.7

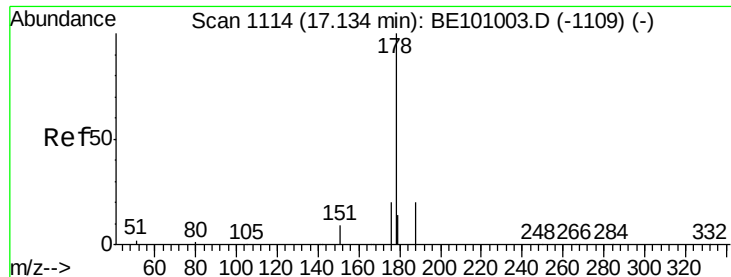


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

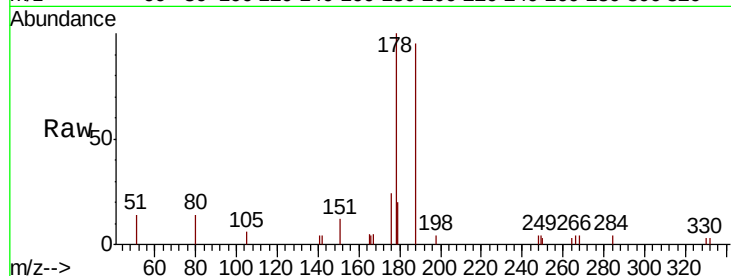




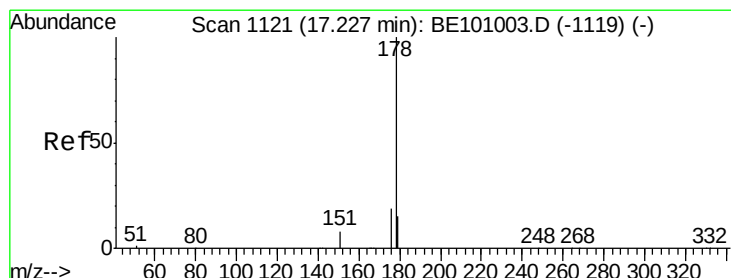
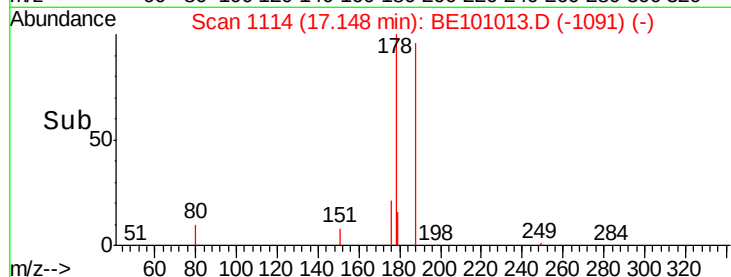
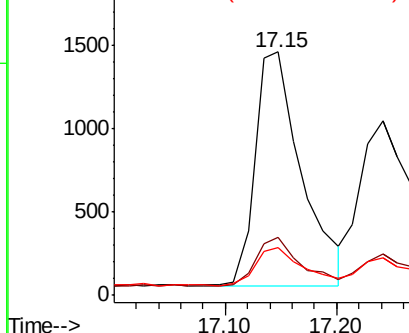
#23
Phenanthrene
Concen: 0.077 ng
RT: 17.15 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Instrument :
BNA_E
ClientSampleId :

Tot Ion:178 Resp: 4085
Ion Ratio Lower Upper
178 100
176 20.0 15.7 23.5
179 16.5 12.0 18.0

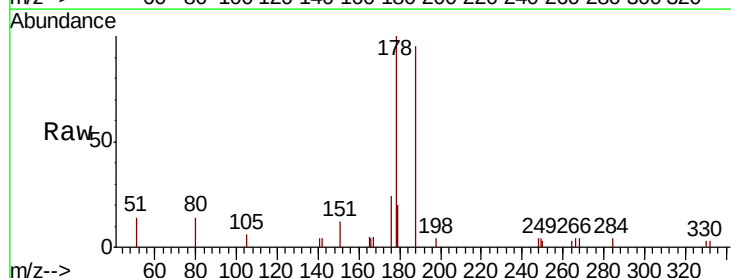


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

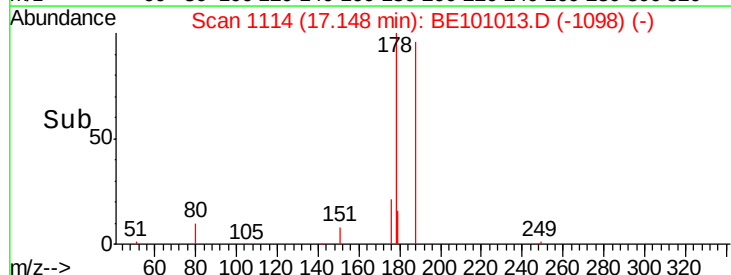
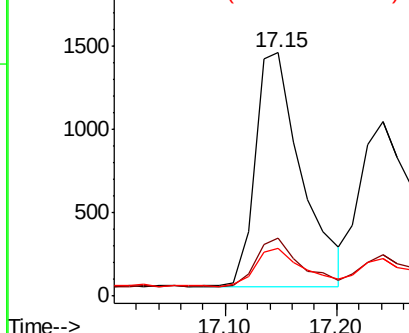


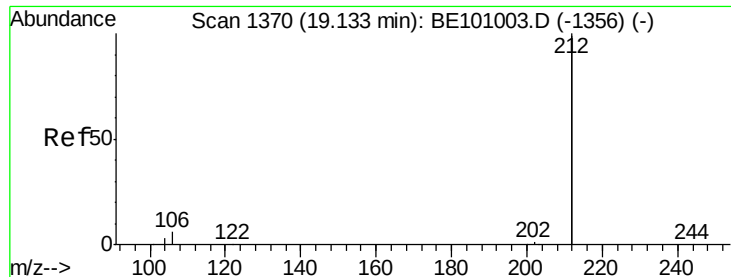
#24
Anthracene
Concen: 0.082 ng
RT: 17.15 min Scan# 1114
Delta R.T. -0.08 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Tgt Ion:178 Resp: 4085
Ion Ratio Lower Upper
178 100
176 20.0 14.8 22.2
179 16.5 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: 0.285 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BE101013.D

Acq: 9 Jan 2020 16:17

Instrument :

BNA_E

ClientSampleId :

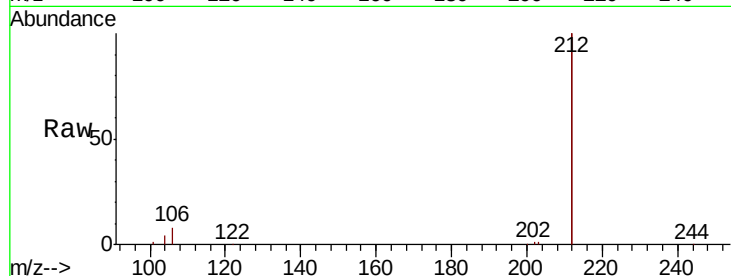
Tot Ion:212 Resp: 77059

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

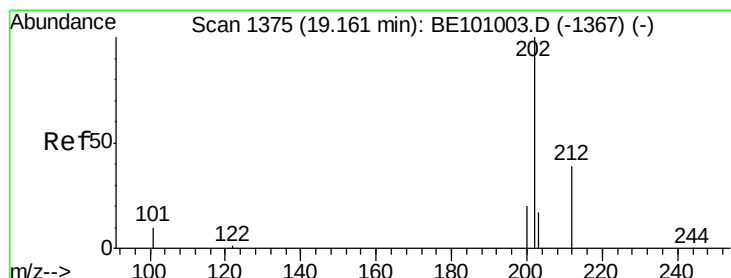
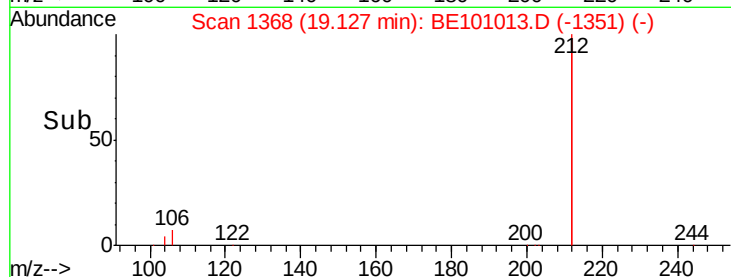
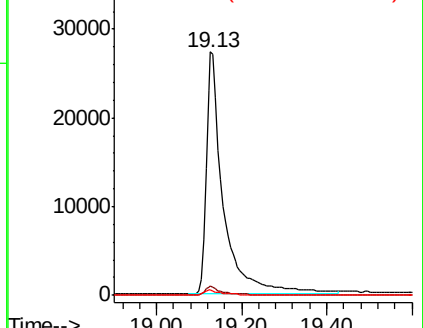
104 1.7 1.4 2.0



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: 0.076 ng

RT: 19.16 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE101013.D

Acq: 9 Jan 2020 16:17

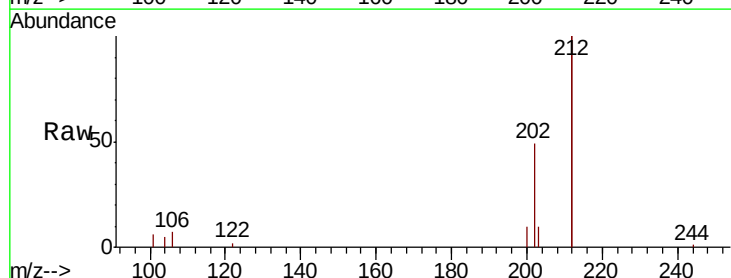
Tgt Ion:202 Resp: 5064

Ion Ratio Lower Upper

202 100

101 12.5 9.6 14.4

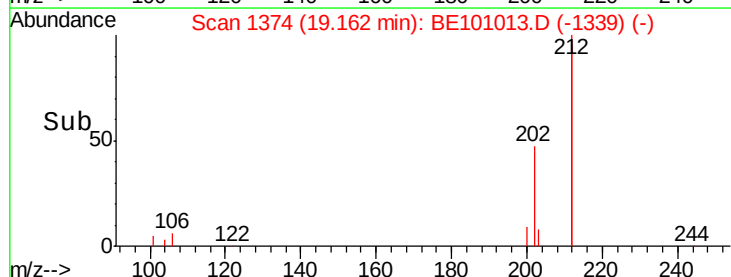
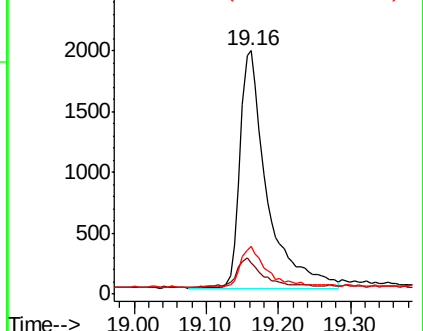
203 16.0 13.8 20.6

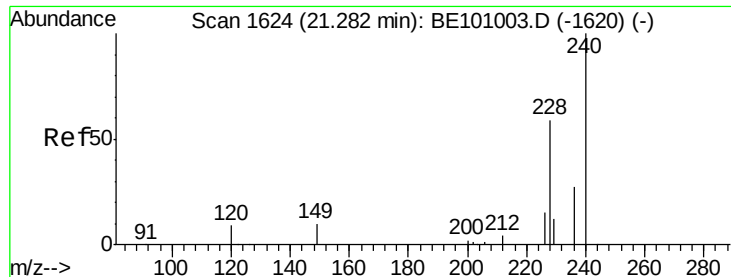


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.28 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE101013.D

Acq: 9 Jan 2020 16:17

Instrument :

BNA_E

ClientSampleId :

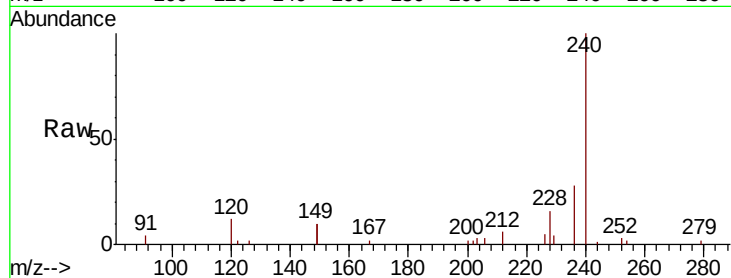
Tot Ion:240 Resp: 13897

Ion Ratio Lower Upper

240 100

120 11.5 8.6 13.0

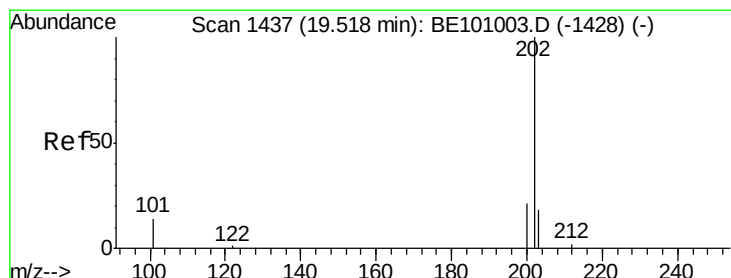
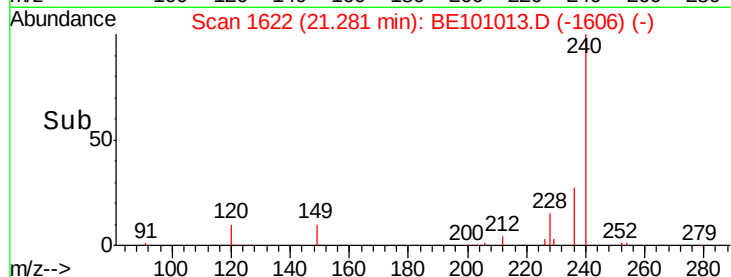
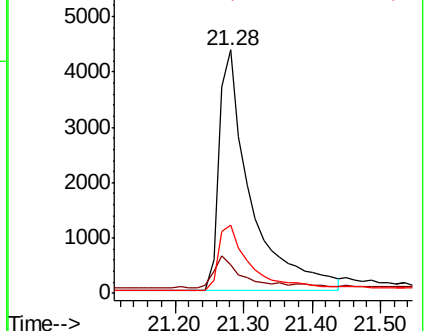
236 28.2 22.2 33.4



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: 0.097 ng

RT: 19.52 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BE101013.D

Acq: 9 Jan 2020 16:17

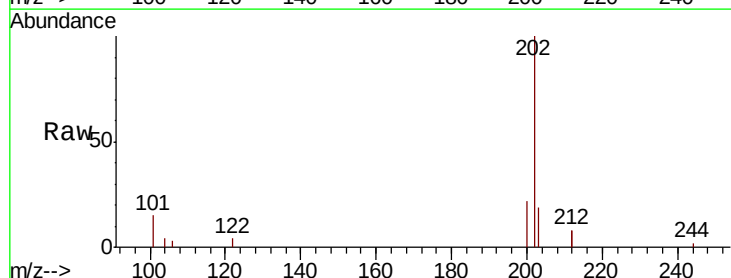
Tgt Ion:202 Resp: 4996

Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.4

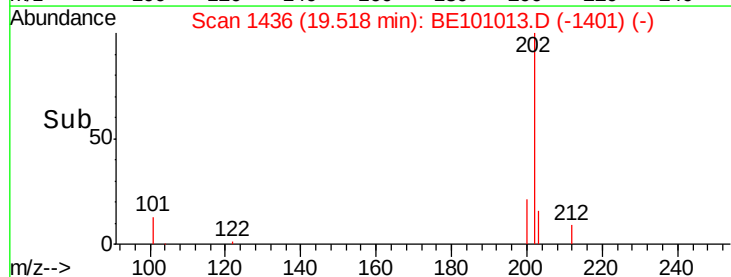
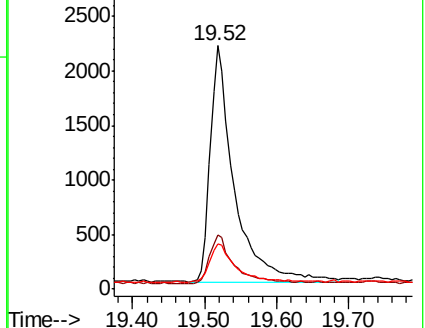
203 16.7 13.8 20.6

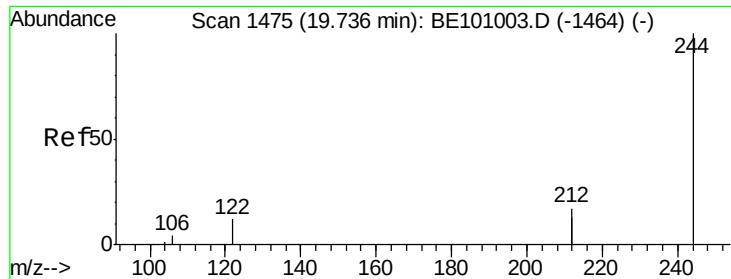


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.445 ng

RT: 19.74 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BE101013.D

Acq: 9 Jan 2020 16:17

Instrument :

BNA_E

ClientSampleId :

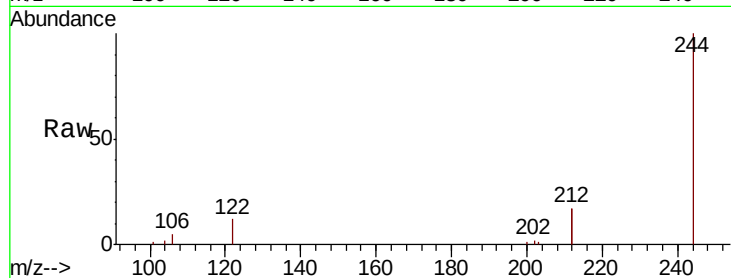
Tot Ion:244 Resp: 15188

Ion Ratio Lower Upper

244 100

212 34.0 27.2 40.8

122 12.2 9.8 14.8

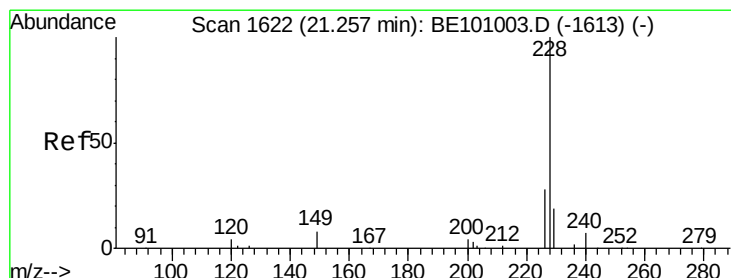
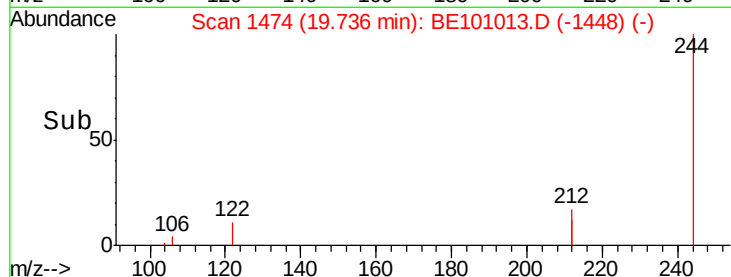
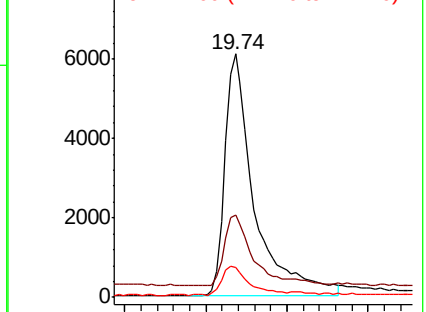


Abundance

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: 0.072 ng

RT: 21.26 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BE101013.D

Acq: 9 Jan 2020 16:17

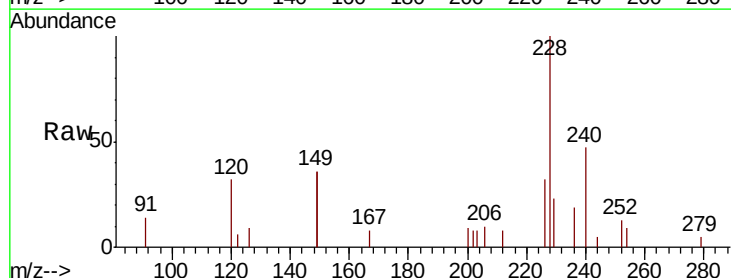
Tgt Ion:228 Resp: 2836

Ion Ratio Lower Upper

228 100

226 31.8 22.7 34.1

229 22.7 15.5 23.3

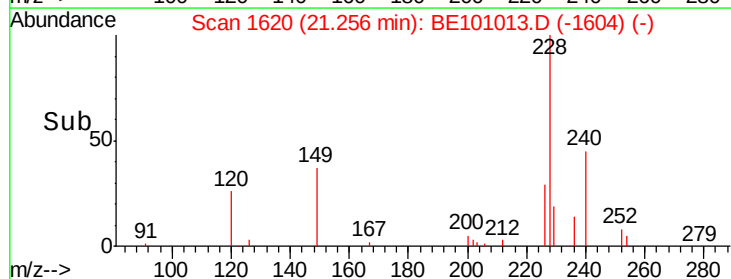
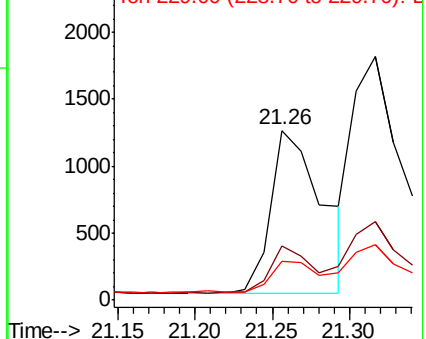


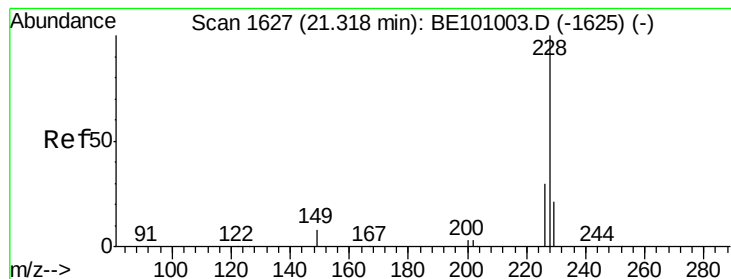
Abundance

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: 0.092 ng

RT: 21.32 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE101013.D

Acq: 9 Jan 2020 16:17

Instrument :

BNA_E

ClientSampleId :

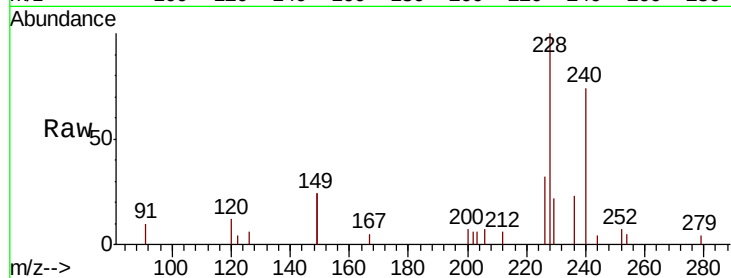
Tot Ion:228 Resp: 5423

Ion Ratio Lower Upper

228 100

226 32.2 23.5 35.3

229 22.5 16.7 25.1

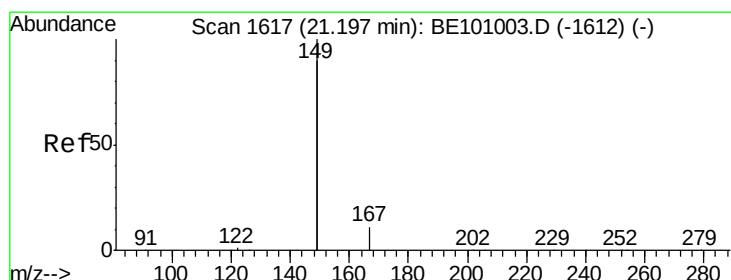
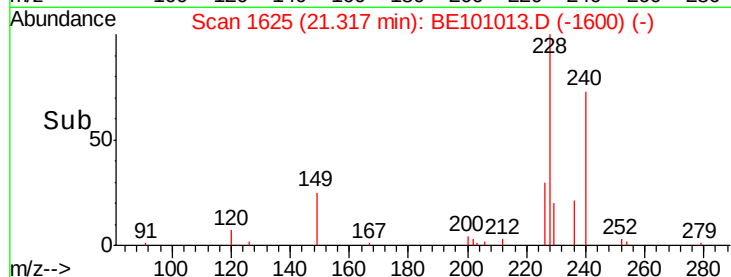
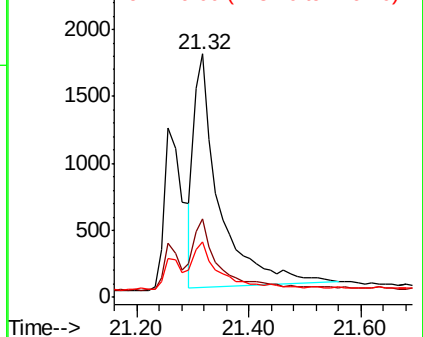


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.072 ng

RT: 21.20 min Scan# 1615

Delta R.T. -0.00 min

Lab File: BE101013.D

Acq: 9 Jan 2020 16:17

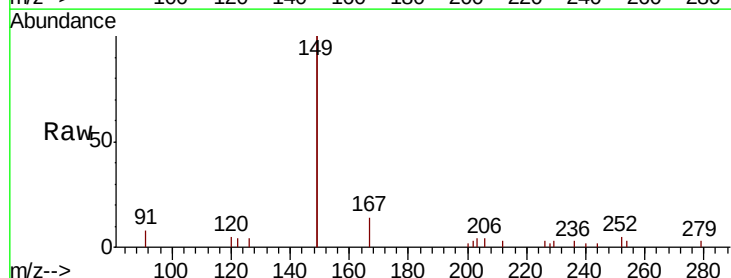
Tgt Ion:149 Resp: 4776

Ion Ratio Lower Upper

149 100

167 6.6 5.2 7.8

279 1.4 0.8 1.2#

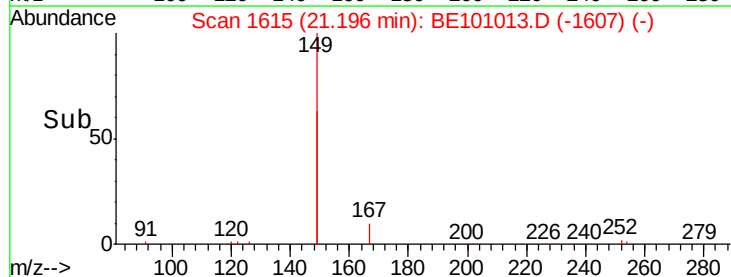
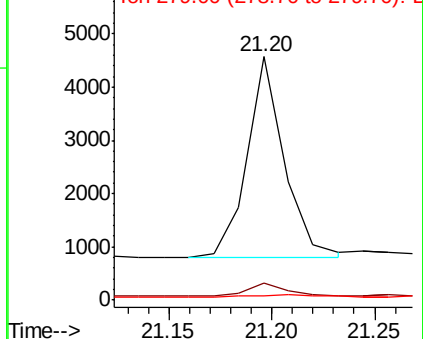


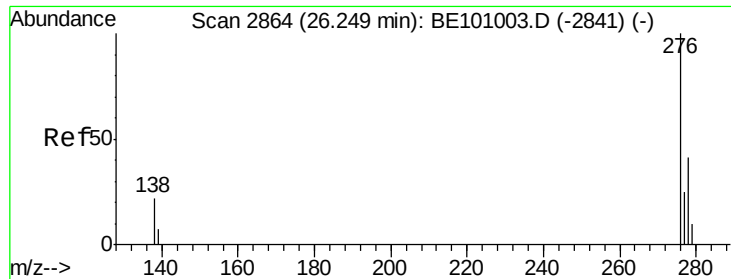
Abundance

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

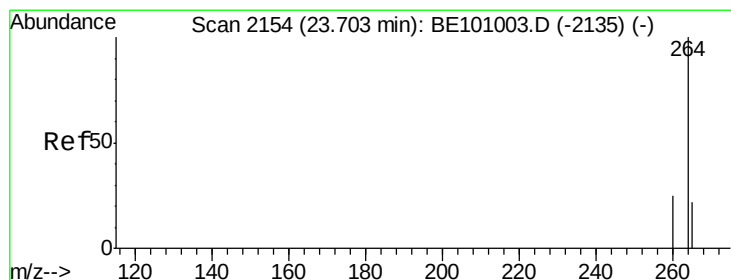
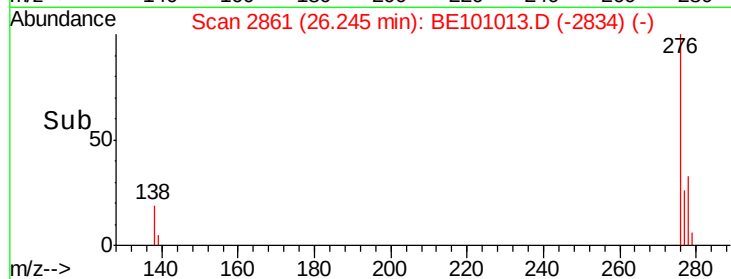
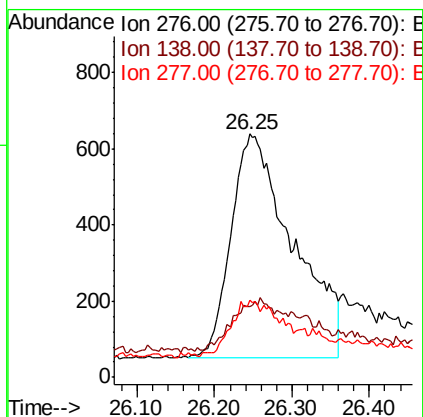
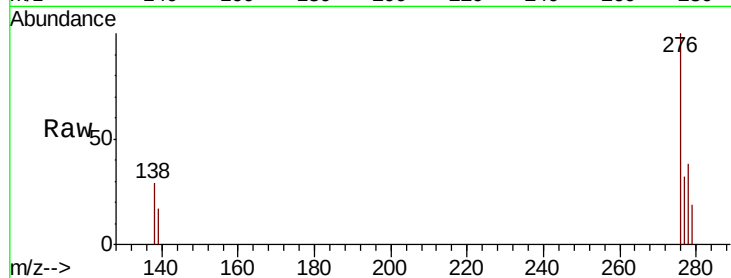




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.070 ng
 RT: 26.25 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: BE101013.D
 Acq: 9 Jan 2020 16:17

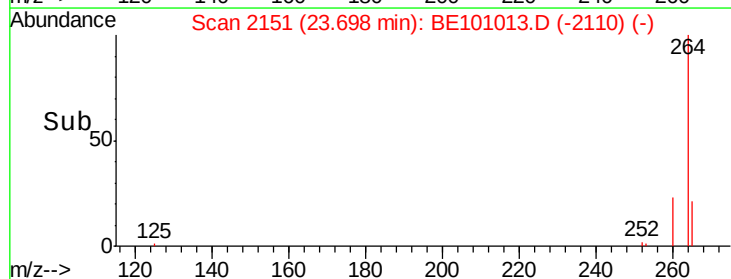
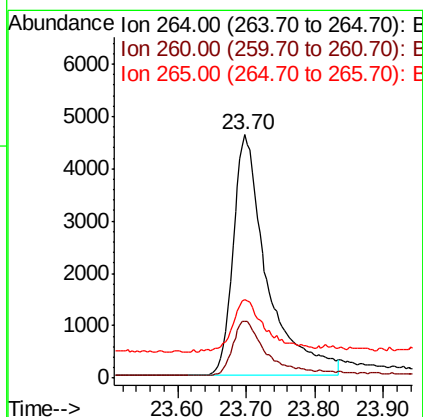
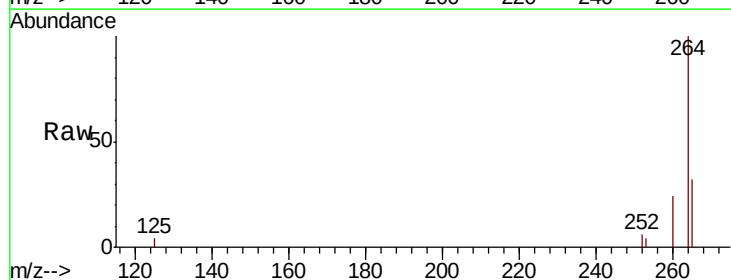
Instrument :
 BNA_E
 ClientSampleId :

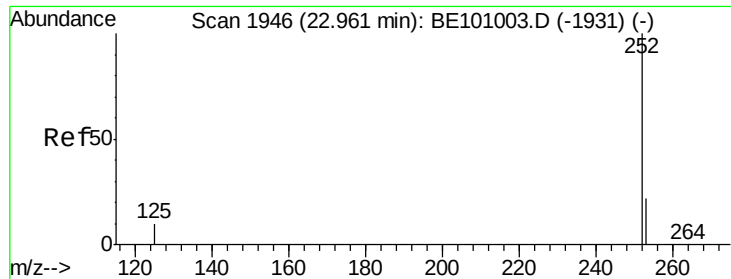
Tot Ion:276 Resp: 3278
 Ion Ratio Lower Upper
 276 100
 138 16.9 16.1 24.1
 277 9.9 18.1 27.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.70 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BE101013.D
 Acq: 9 Jan 2020 16:17

Tgt Ion:264 Resp: 15805
 Ion Ratio Lower Upper
 264 100
 260 23.5 20.3 30.5
 265 32.1 27.0 40.4





#35

Benzo(b)fluoranthene

Concen: 0.061 ng

RT: 22.96 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BE101013.D

Acq: 9 Jan 2020 16:17

Instrument :

BNA_E

ClientSampleId :

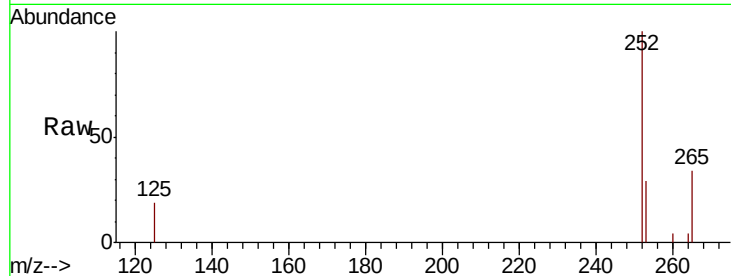
Tot Ion:252 Resp: 2690

Ion Ratio Lower Upper

252 100

253 28.8 18.5 27.7#

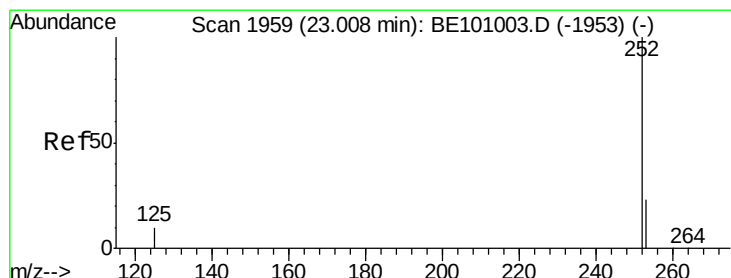
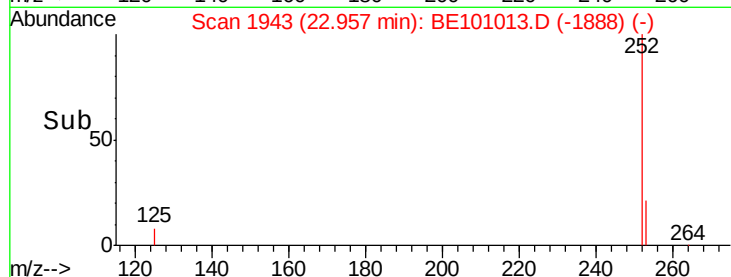
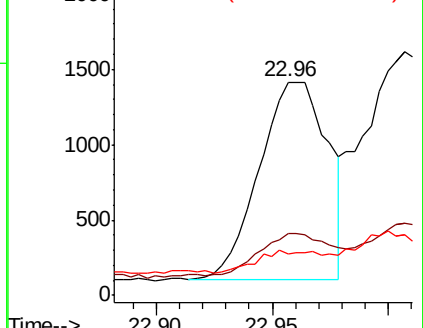
125 19.2 9.5 14.3#



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: 0.069 ng

RT: 23.01 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BE101013.D

Acq: 9 Jan 2020 16:17

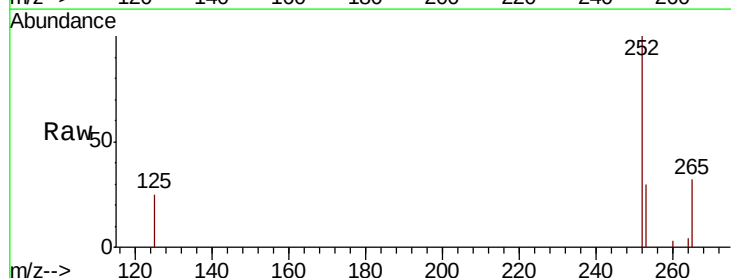
Tgt Ion:252 Resp: 4436

Ion Ratio Lower Upper

252 100

253 29.8 18.9 28.3#

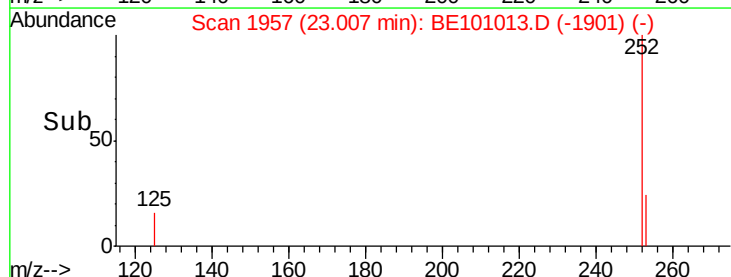
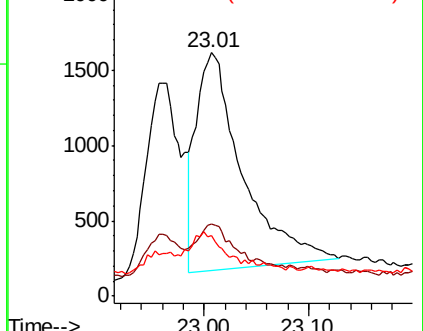
125 24.7 10.1 15.1#

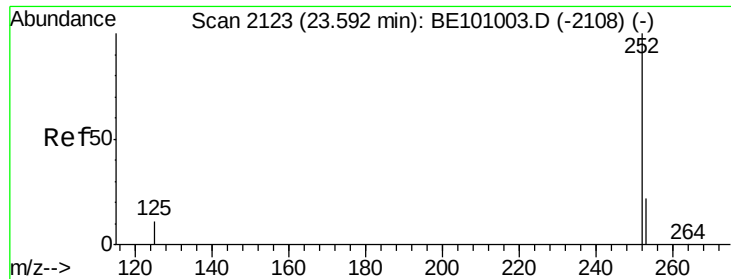


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.068 ng

RT: 23.59 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BE101013.D

Acq: 9 Jan 2020 16:17

Instrument :

BNA_E

ClientSampleId :

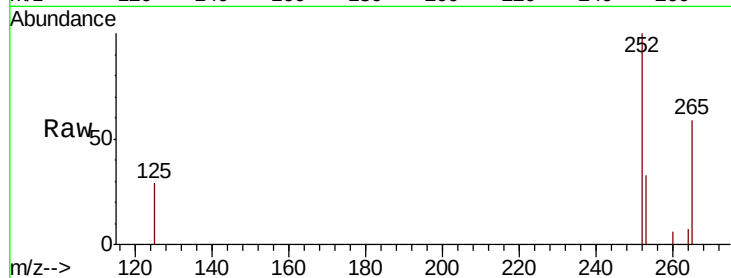
Tot Ion:252 Resp: 2908

Ion Ratio Lower Upper

252 100

253 33.1 19.4 29.2#

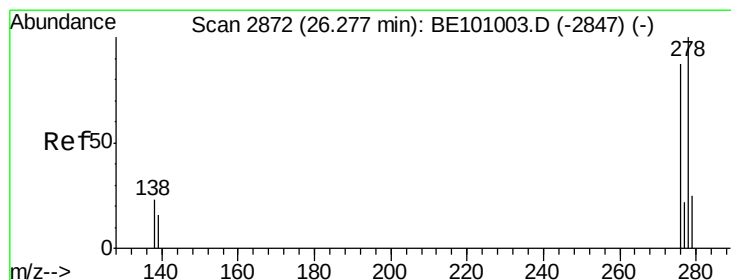
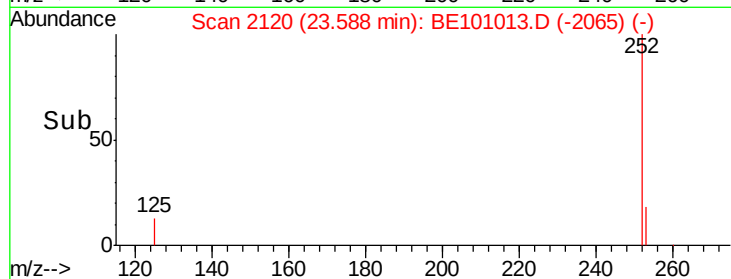
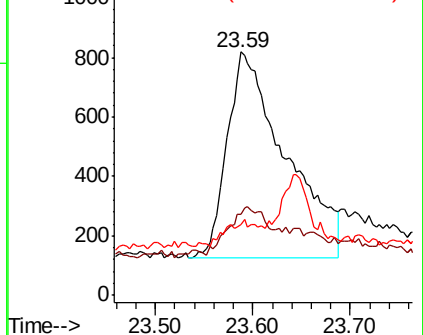
125 29.2 11.8 17.6#



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: 0.055 ng

RT: 26.27 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BE101013.D

Acq: 9 Jan 2020 16:17

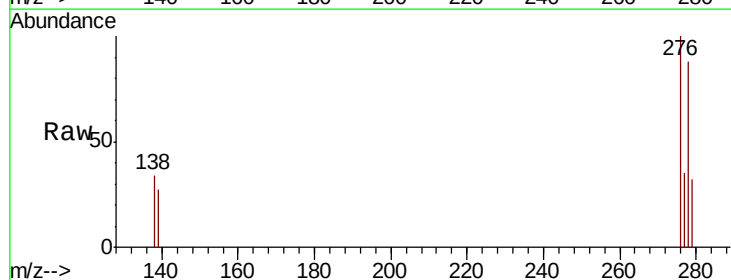
Tgt Ion:278 Resp: 2157

Ion Ratio Lower Upper

278 100

139 30.9 15.0 22.4#

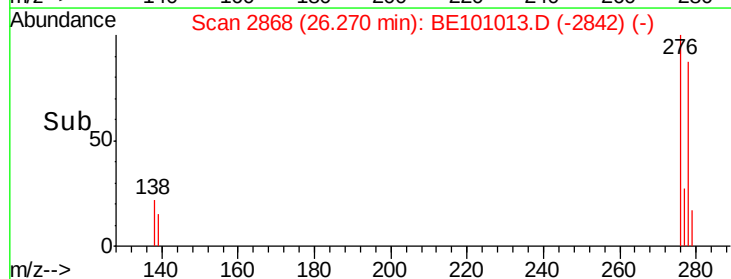
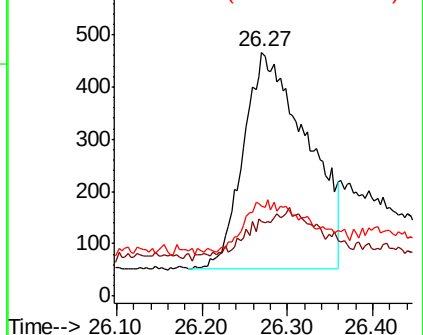
279 36.7 22.6 33.8#

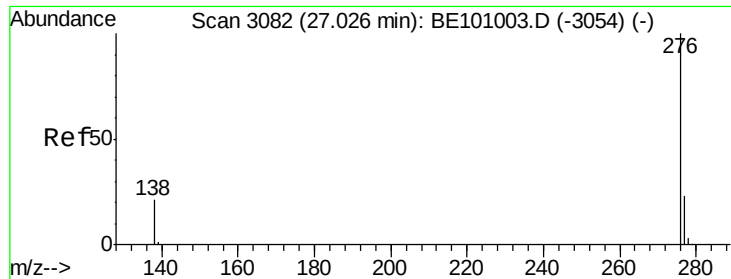


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.077 ng

RT: 27.02 min Scan# 3078

Delta R.T. -0.01 min

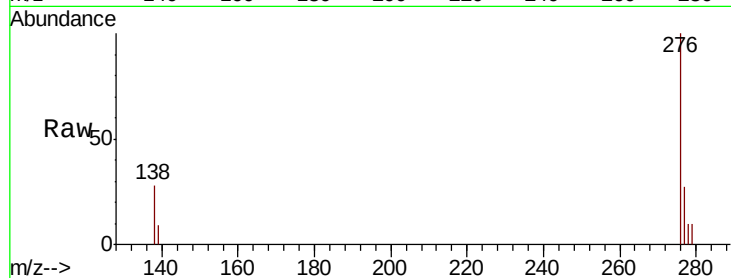
Lab File: BE101013.D

Acq: 9 Jan 2020 16:17

Instrument :

BNA_E

ClientSampleId :



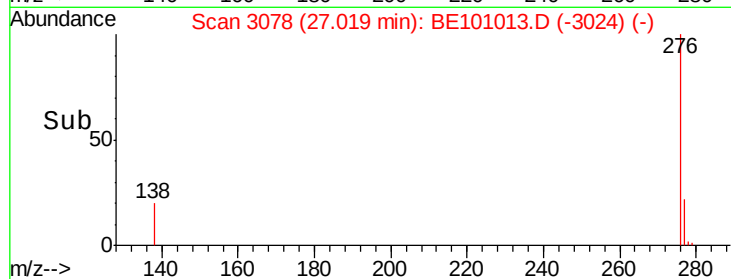
Tot Ion: 276 Resp: 3722

Ion Ratio Lower Upper

276 100

277 27.3 19.4 29.2

138 27.7 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

