

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010820\
 Data File : BE101003.D
 Acq On : 8 Jan 2020 14:39
 Operator : JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

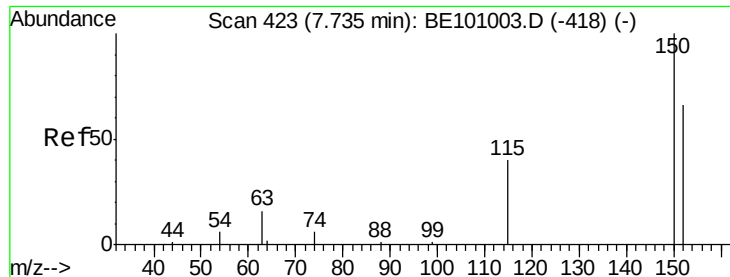
Quant Time: Jan 08 18:21:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 18:14:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	3210	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	14047	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	8524	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	19058	0.40	ng	0.00
27) Chrysene-d12	21.28	240	16547	0.40	ng	0.00
34) Perylene-d12	23.70	264	16977	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	2862	0.53	ng	0.00
5) Phenol-d6	6.92	99	3257	0.43	ng	0.00
8) Nitrobenzene-d5	8.87	82	3597	0.53	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	10754	0.52	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	832	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	13101	0.43	ng	0.00
25) Fluoranthene-d10	19.13	212	102245	0.44	ng	0.00
29) Terphenyl-d14	19.74	244	16491	0.43	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.29	88	3037	0.268	ng	100
3) n-Nitrosodimethylamine	3.61	42	1539	0.581	ng	100
6) bis(2-Chloroethyl)ether	7.16	93	3979	0.343	ng	100
9) Naphthalene	10.55	128	63800	0.427	ng	100
10) Hexachlorobutadiene	10.85	225	2744	0.416	ng	100
12) 2-Methylnaphthalene	12.18	142	9293	0.411	ng	100
16) Acenaphthylene	14.08	152	12521	0.393	ng	100
17) Acenaphthene	14.43	154	9661	0.417	ng	100
18) Fluorene	15.41	166	12305	0.427	ng	100
20) 4-Bromophenyl-phenylether	16.30	248	3539	0.423	ng	100
21) Hexachlorobenzene	16.41	284	4114	0.416	ng	100
22) Pentachlorophenol	16.76	266	769	0.521	ng	100
23) Phenanthrene	17.13	178	20516	0.418	ng	100
24) Anthracene	17.23	178	18622	0.375	ng	100
26) Fluoranthene	19.16	202	24453	0.365	ng	100
28) Pyrene	19.52	202	25265	0.436	ng	100
30) Benzo(a)anthracene	21.26	228	18136	0.448	ng	100
31) Chrysene	21.32	228	28885	0.383	ng	100
32) Bis(2-ethylhexyl)phthalate	21.20	149	27389	0.307	ng	100
33) Indeno(1,2,3-cd)pyrene	26.25	276	21587	0.380	ng	100
35) Benzo(b)fluoranthene	22.96	252	17778	0.497	ng	100
36) Benzo(k)fluoranthene	23.01	252	23275	0.343	ng	100
37) Benzo(a)pyrene	23.59	252	17833	0.427	ng	100
38) Dibenzo(a,h)anthracene	26.28	278	15636	0.414	ng	100
39) Benzo(g,h,i)perylene	27.03	276	21395	0.480	ng	100

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

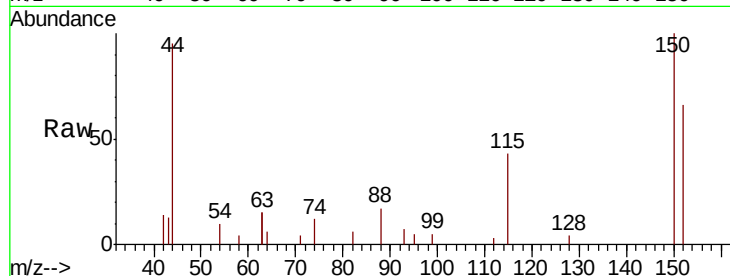


#1

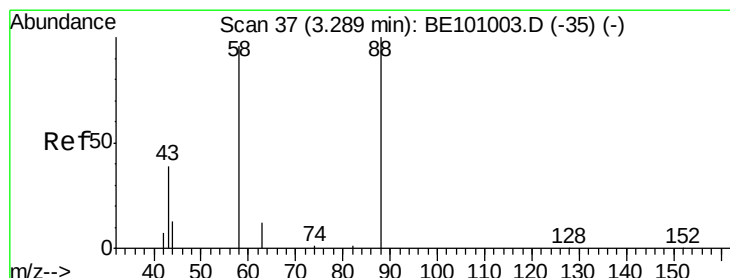
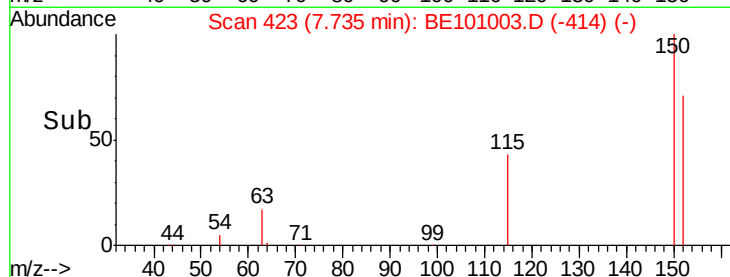
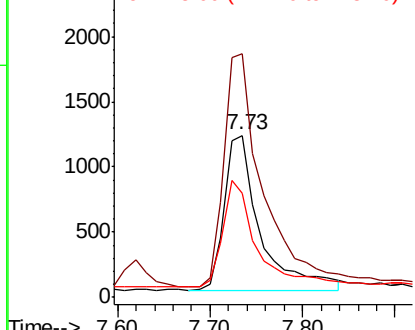
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 423
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3210
Ion Ratio Lower Upper
152 100
150 150.4 120.3 180.5
115 64.6 51.7 77.5



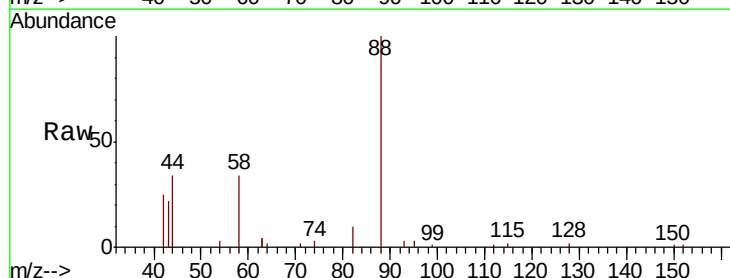
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



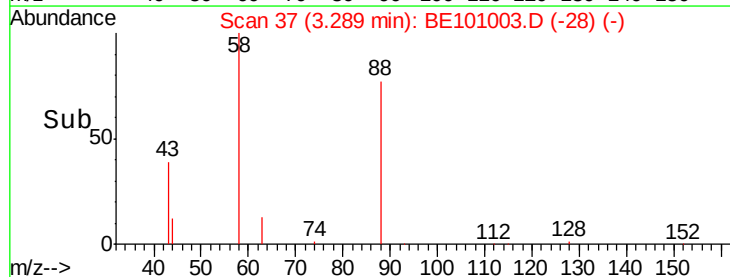
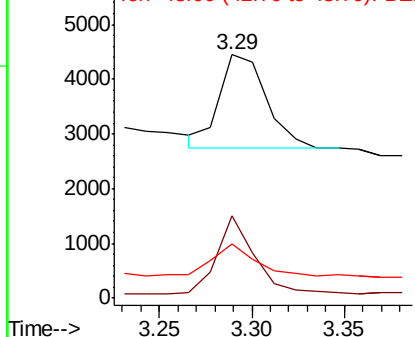
#2

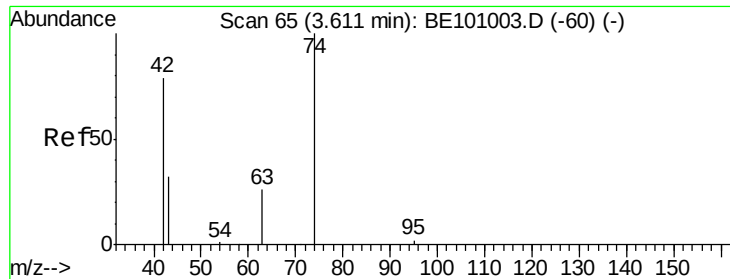
1,4-Dioxane
Concen: 0.268 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Tgt Ion: 88 Resp: 3037
Ion Ratio Lower Upper
88 100
58 66.2 53.0 79.4
43 29.3 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: 0.581 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.00 min

Lab File: BE101003.D

Acq: 8 Jan 2020 14:39

Instrument :

BNA_E

ClientSampleId :

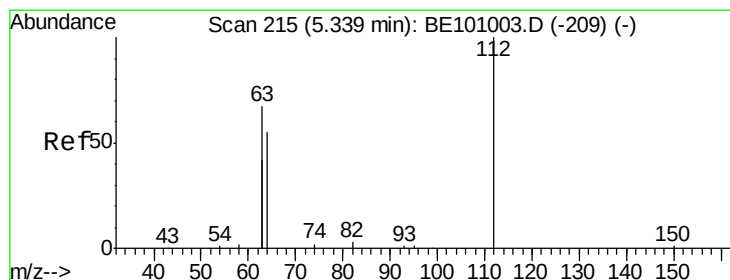
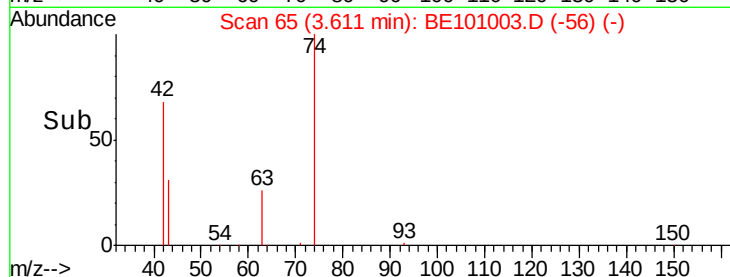
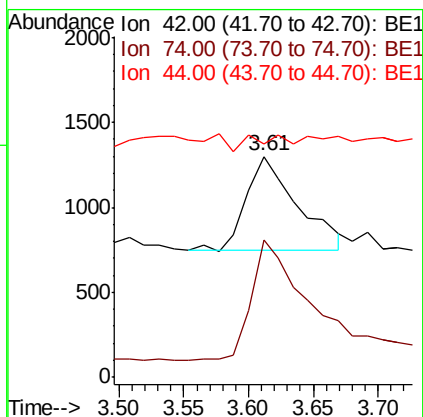
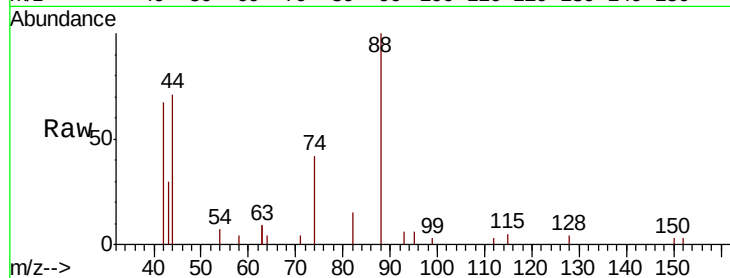
Tot Ion: 42 Resp: 1539

Ion Ratio Lower Upper

42 100

74 132.1 105.7 158.5

44 12.5 10.0 15.0



#4

2-Fluorophenol

Concen: 0.527 ng

RT: 5.34 min Scan# 215

Delta R.T. 0.00 min

Lab File: BE101003.D

Acq: 8 Jan 2020 14:39

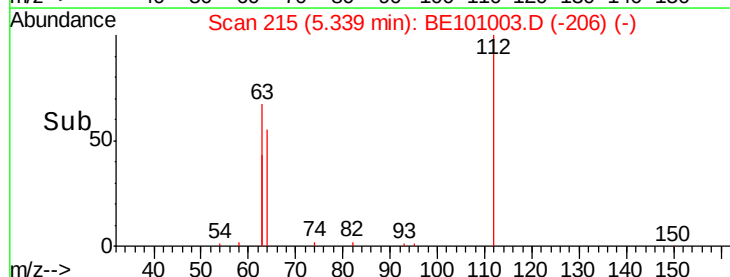
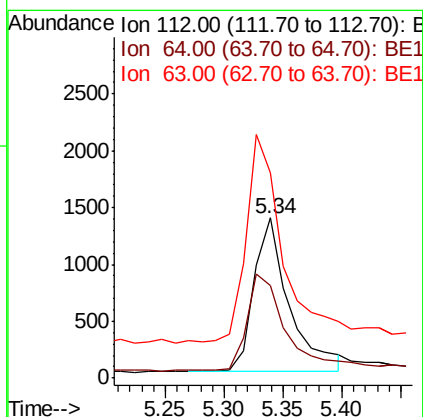
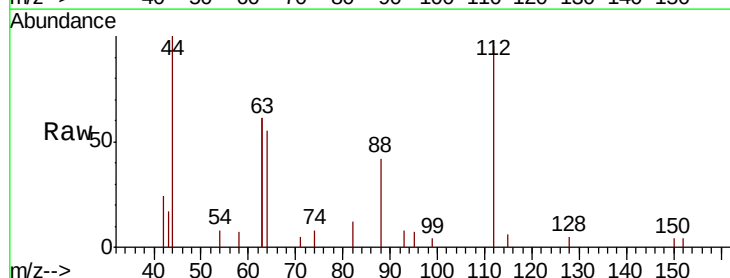
Tgt Ion: 112 Resp: 2862

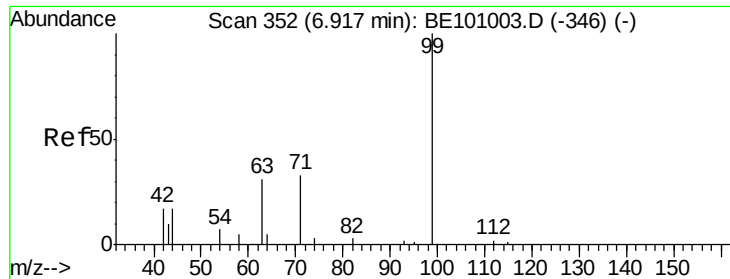
Ion Ratio Lower Upper

112 100

64 67.0 53.6 80.4

63 143.3 114.6 172.0





#5

Phenol-d6

Concen: 0.427 ng

RT: 6.92 min Scan# 352

Delta R.T. 0.00 min

Lab File: BE101003.D

Acq: 8 Jan 2020 14:39

Instrument :

BNA_E

ClientSampleId :

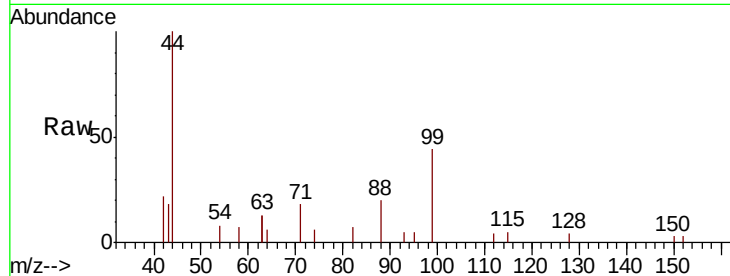
Tot Ion: 99 Resp: 3257

Ion Ratio Lower Upper

99 100

42 22.9 18.3 27.5

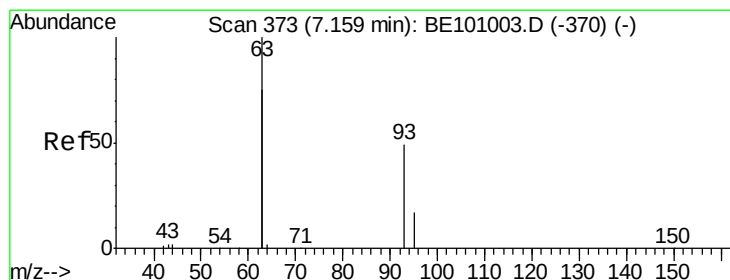
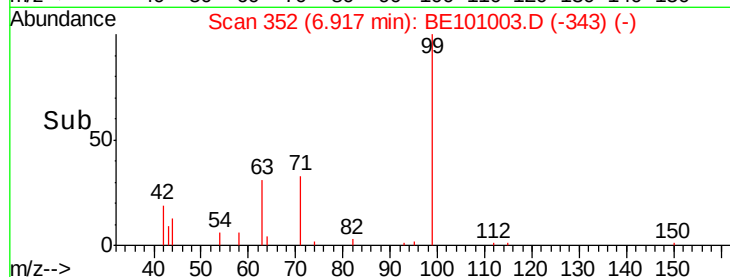
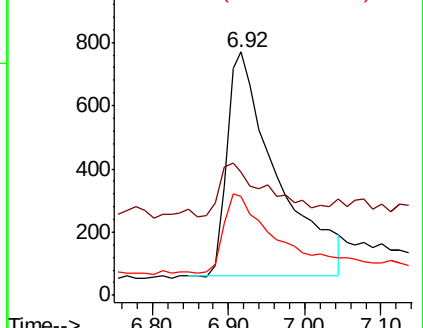
71 35.0 28.0 42.0



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: 0.343 ng

RT: 7.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: BE101003.D

Acq: 8 Jan 2020 14:39

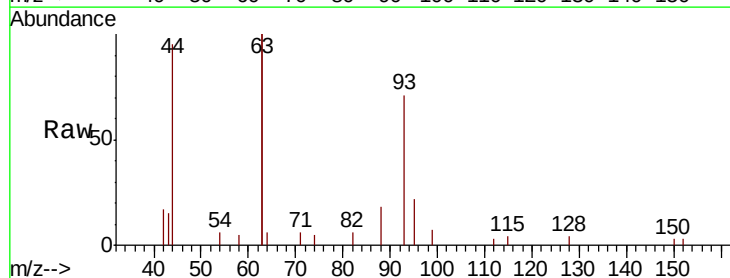
Tgt Ion: 93 Resp: 3979

Ion Ratio Lower Upper

93 100

63 292.4 233.9 350.9

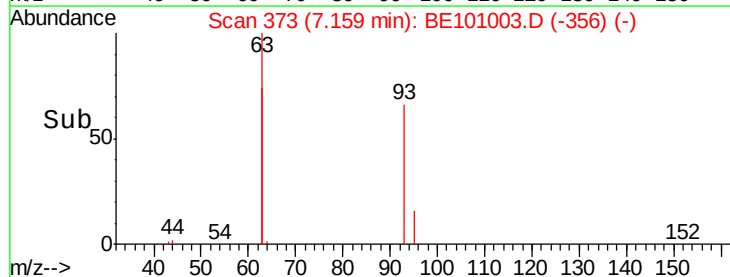
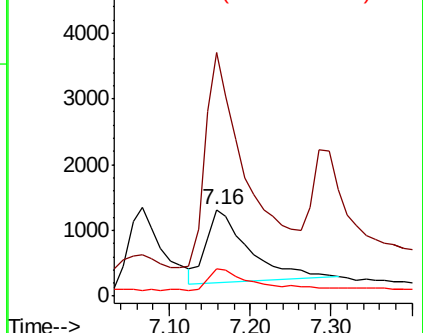
95 29.4 23.5 35.3

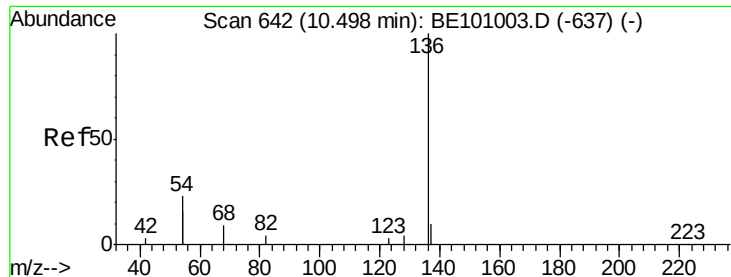


Abundance Ion 93.00 (92.70 to 93.70): BE1

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# 642

Delta R.T. 0.00 min

Lab File: BE101003.D

Acq: 8 Jan 2020 14:39

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 14047

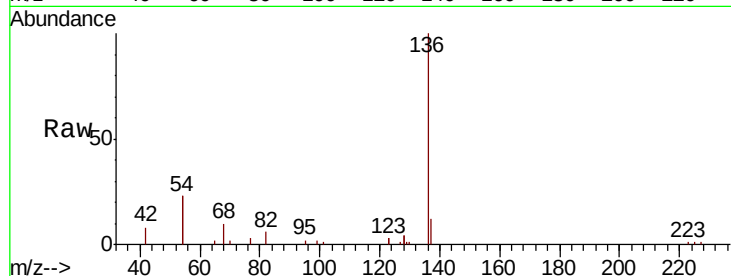
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 46.0 36.8 55.2

68 10.5 8.4 12.6

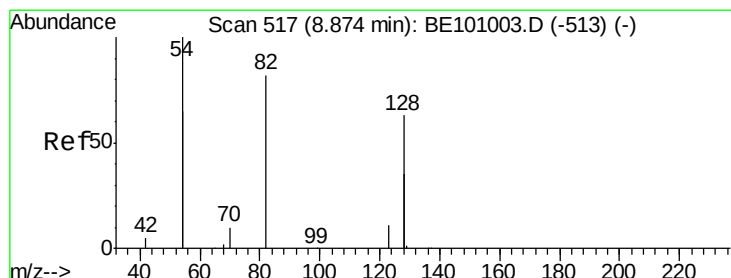
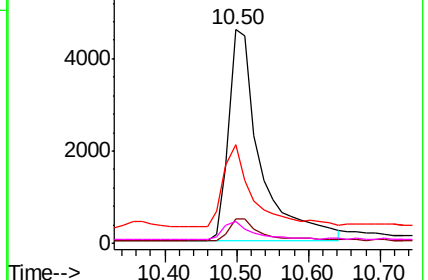
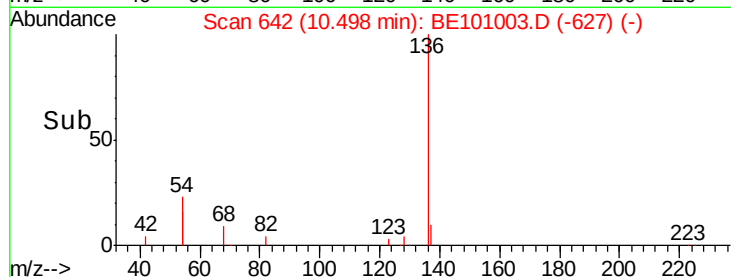


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.534 ng

RT: 8.87 min Scan# 517

Delta R.T. 0.00 min

Lab File: BE101003.D

Acq: 8 Jan 2020 14:39

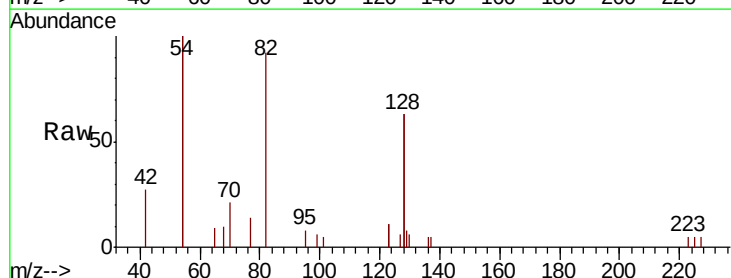
Tgt Ion: 82 Resp: 3597

Ion Ratio Lower Upper

82 100

128 137.2 109.8 164.6

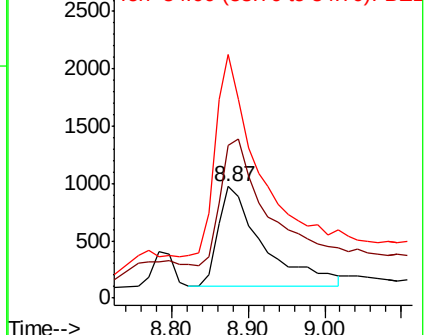
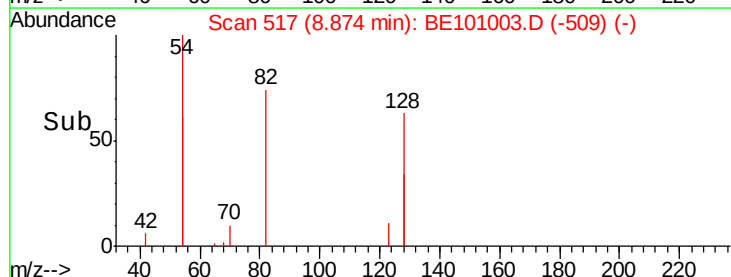
54 218.1 174.5 261.7

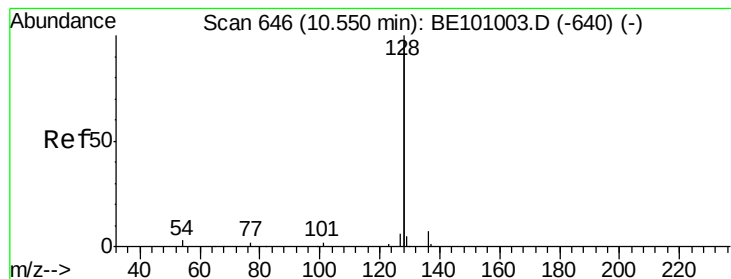


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.427 ng

RT: 10.55 min Scan# 646

Delta R.T. 0.00 min

Lab File: BE101003.D

Acq: 8 Jan 2020 14:39

Instrument :

BNA_E

ClientSampleId :

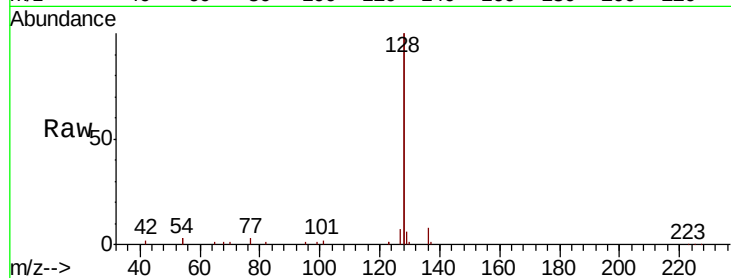
Tot Ion:128 Resp: 63800

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

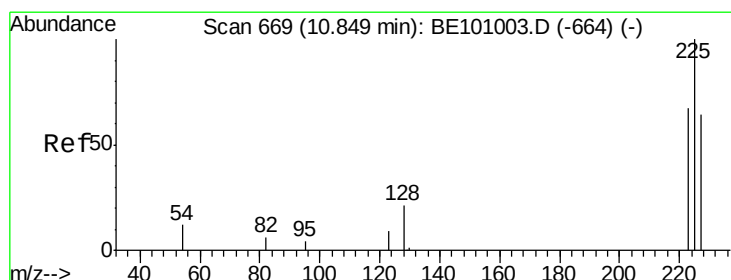
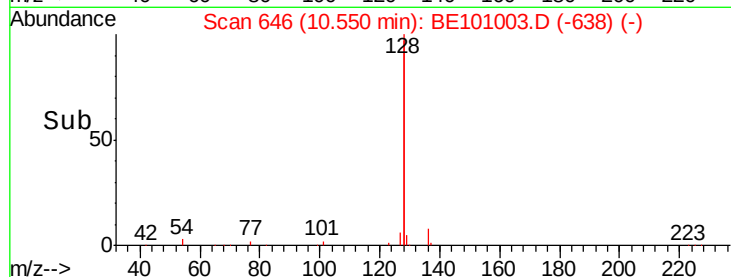
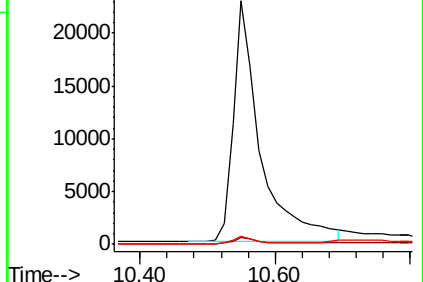
127 3.4 2.7 4.1



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: 0.416 ng

RT: 10.85 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE101003.D

Acq: 8 Jan 2020 14:39

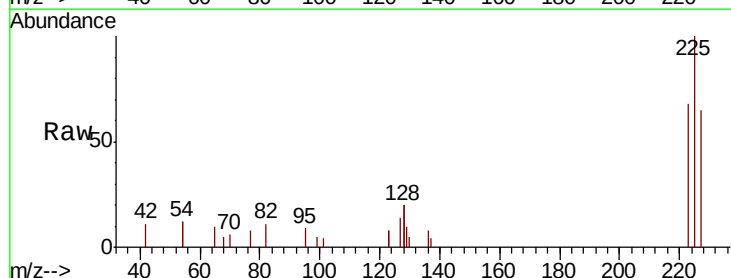
Tgt Ion:225 Resp: 2744

Ion Ratio Lower Upper

225 100

223 65.3 52.2 78.4

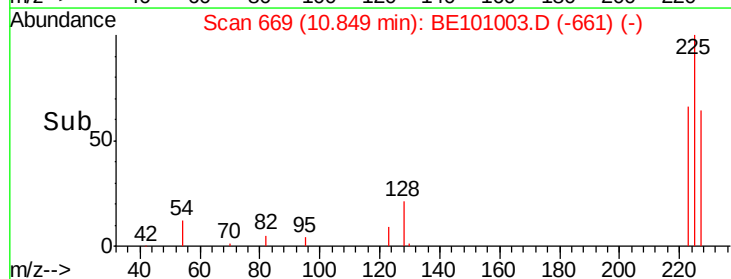
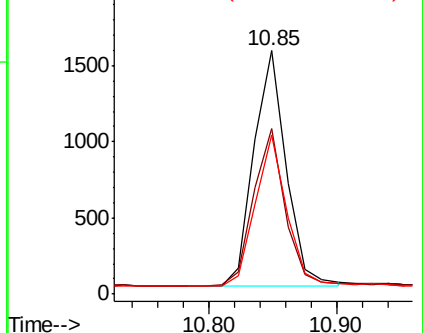
227 62.4 49.9 74.9

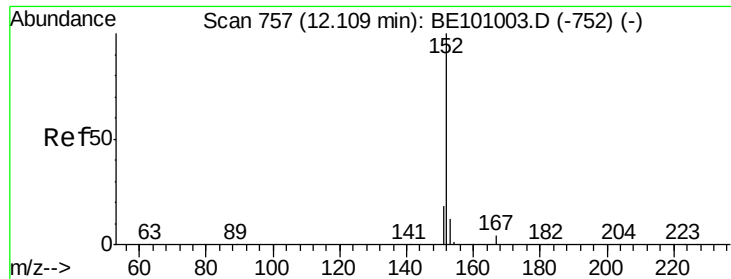


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

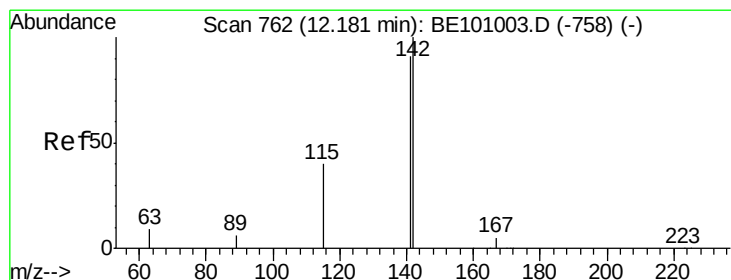
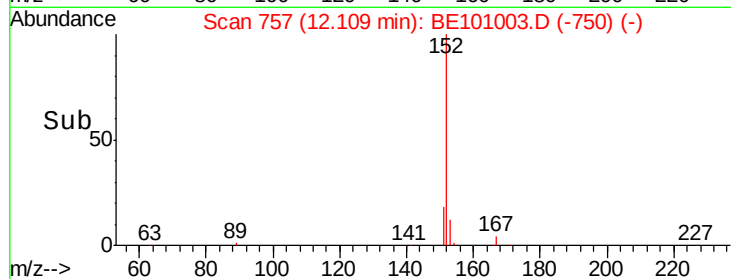
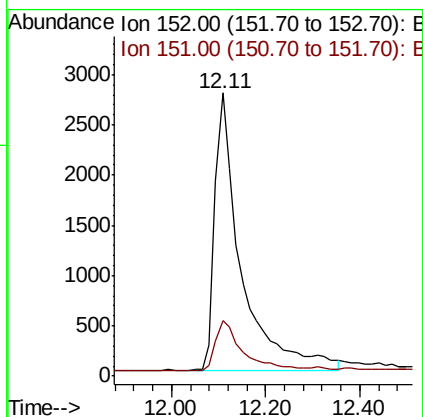
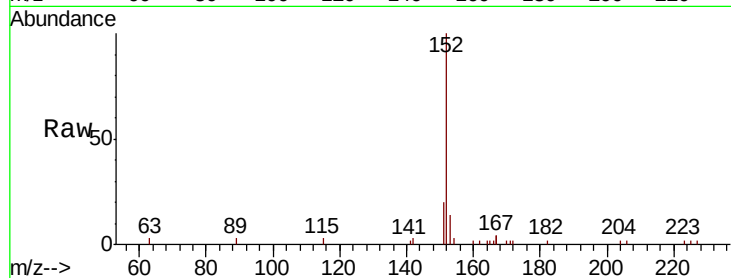




#11
 2-Methylnaphthalene-d10
 Concen: 0.521 ng
 RT: 12.11 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BE101003.D
 Acq: 8 Jan 2020 14:39

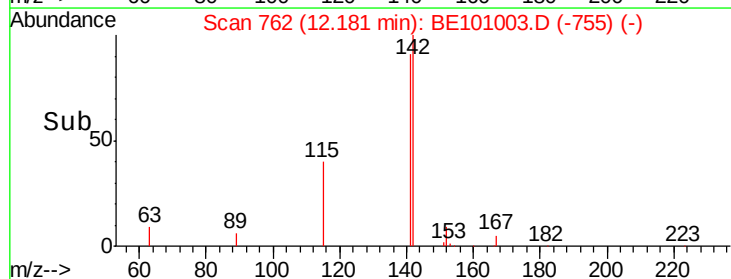
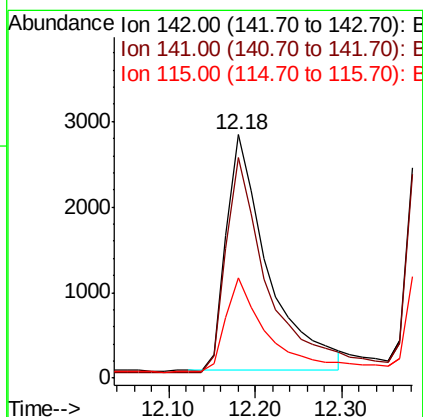
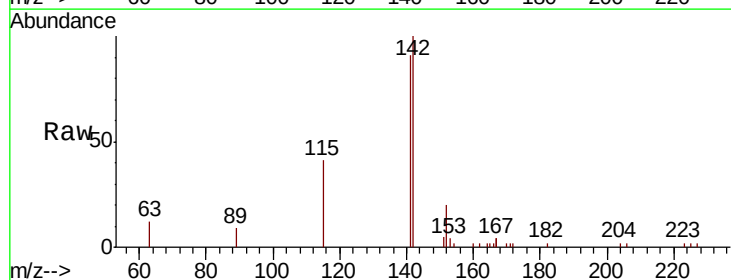
Instrument :
 BNA_E
 ClientSampleId :

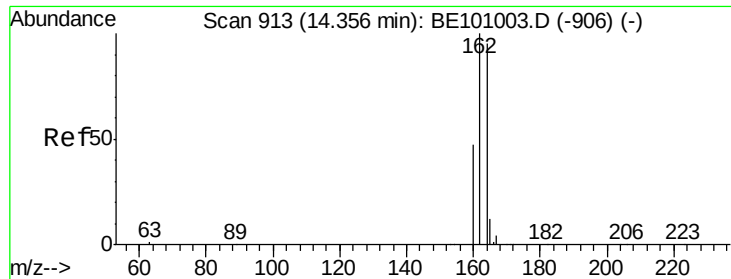
Tot Ion:152 Resp: 10754
 Ion Ratio Lower Upper
 152 100
 151 18.8 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.411 ng
 RT: 12.18 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE101003.D
 Acq: 8 Jan 2020 14:39

Tgt Ion:142 Resp: 9293
 Ion Ratio Lower Upper
 142 100
 141 90.6 72.5 108.7
 115 41.3 33.0 49.6

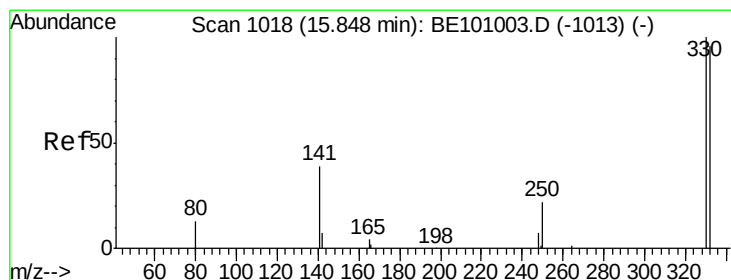
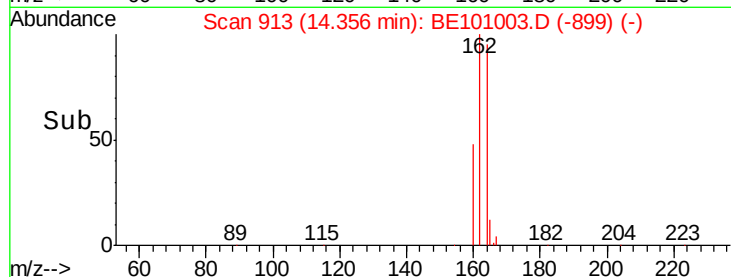
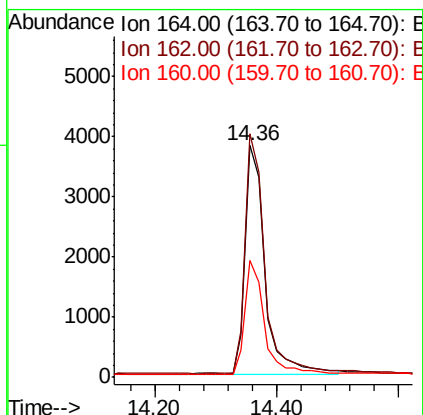
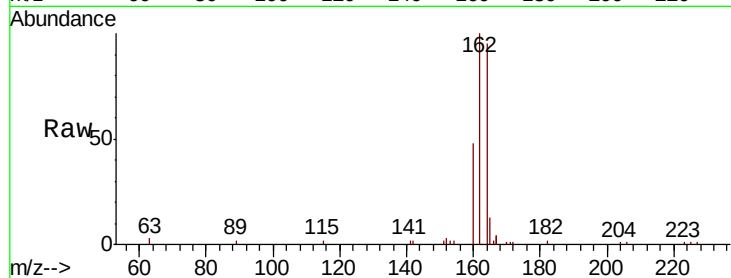




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.36 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BE101003.D
 Acq: 8 Jan 2020 14:39

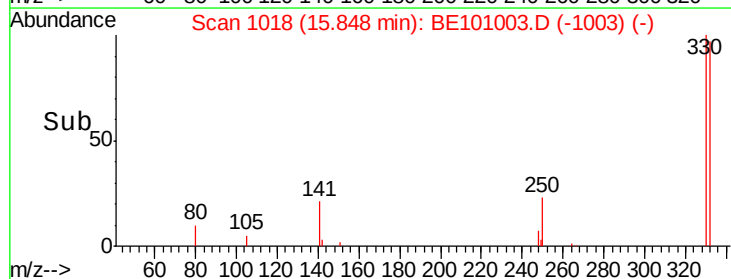
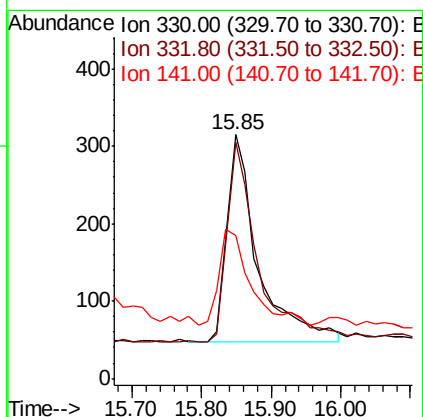
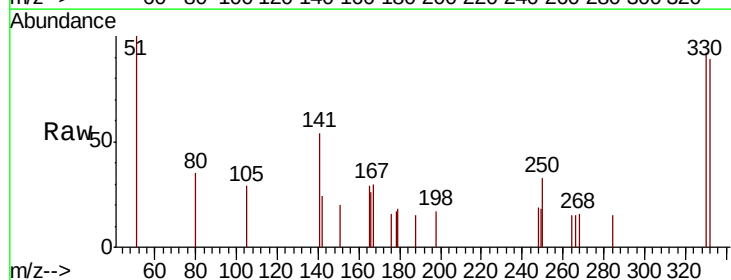
Instrument :
 BNA_E
 ClientSampled :

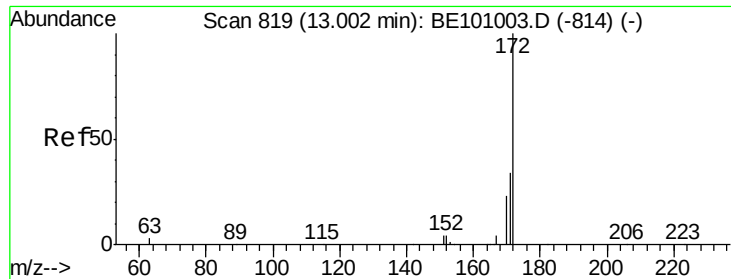
Tot Ion:164 Resp: 8524
 Ion Ratio Lower Upper
 164 100
 162 105.1 84.1 126.1
 160 50.5 40.4 60.6



#14
 2,4,6-Tribromophenol
 Concen: 0.444 ng
 RT: 15.85 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BE101003.D
 Acq: 8 Jan 2020 14:39

Tgt Ion:330 Resp: 832
 Ion Ratio Lower Upper
 330 100
 332 98.0 78.4 117.6
 141 46.2 37.0 55.4

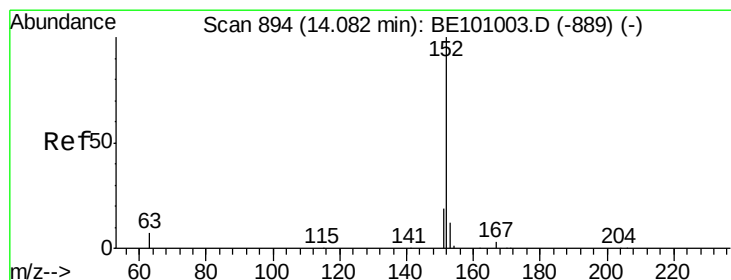
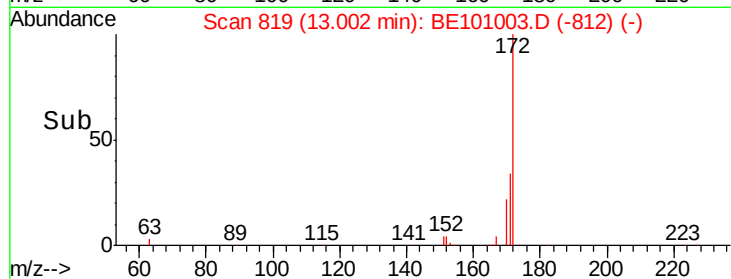
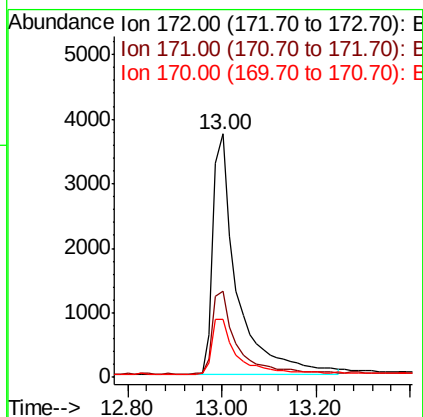
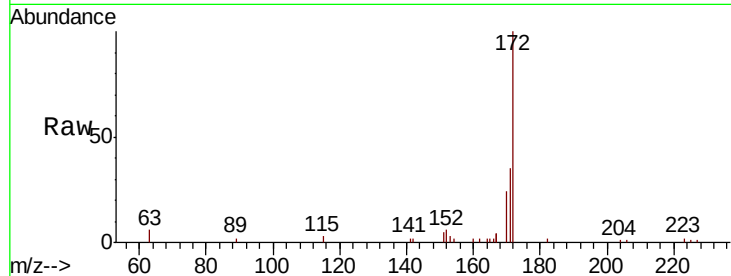




#15
2-Fluorobiphenyl
Concen: 0.432 ng
RT: 13.00 min Scan# 819
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

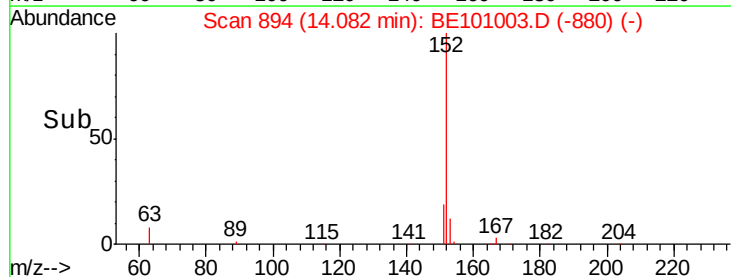
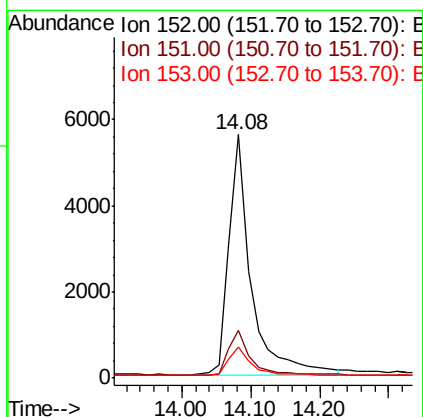
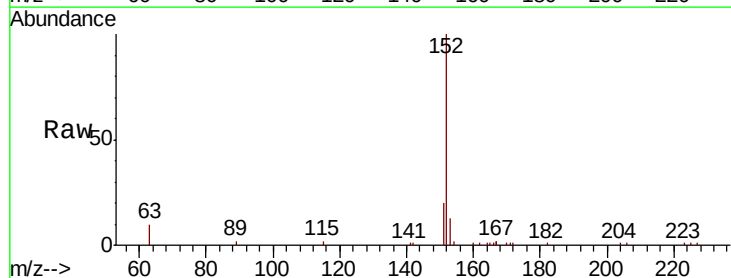
Instrument :
BNA_E
ClientSampleId :

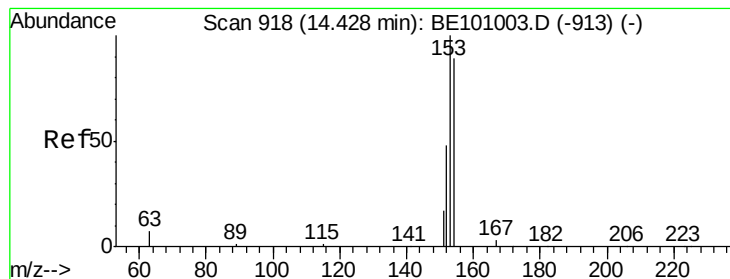
Tot Ion:172 Resp: 13101
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.6 18.9 28.3



#16
Acenaphthylene
Concen: 0.393 ng
RT: 14.08 min Scan# 894
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Tgt Ion:152 Resp: 12521
Ion Ratio Lower Upper
152 100
151 19.4 15.5 23.3
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 0.417 ng

RT: 14.43 min Scan# 918

Delta R.T. 0.00 min

Lab File: BE101003.D

Acq: 8 Jan 2020 14:39

Instrument :

BNA_E

ClientSampleId :

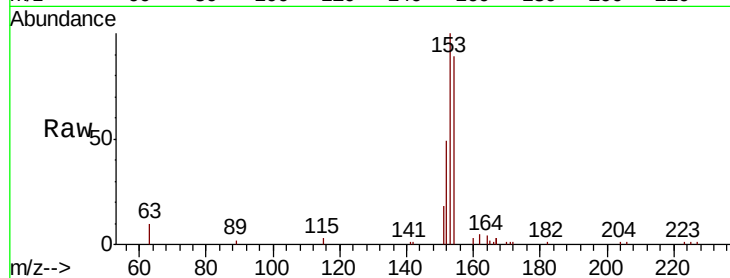
Tot Ion:154 Resp: 9661

Ion Ratio Lower Upper

154 100

153 117.0 93.6 140.4

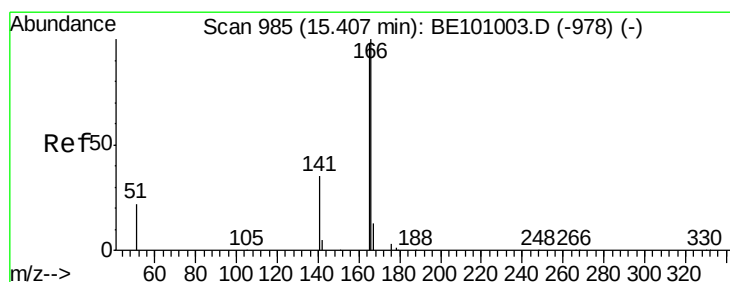
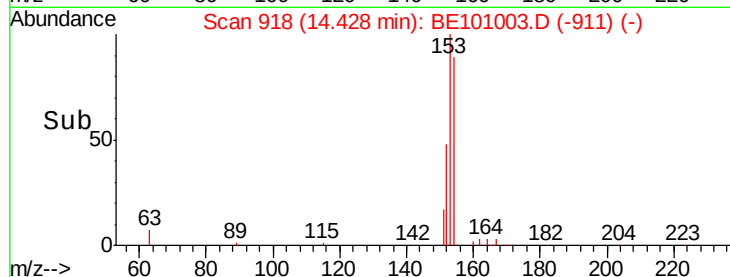
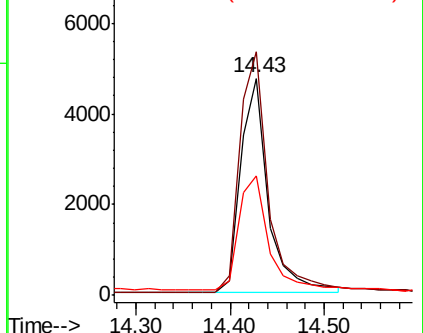
152 57.9 46.3 69.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.427 ng

RT: 15.41 min Scan# 985

Delta R.T. 0.00 min

Lab File: BE101003.D

Acq: 8 Jan 2020 14:39

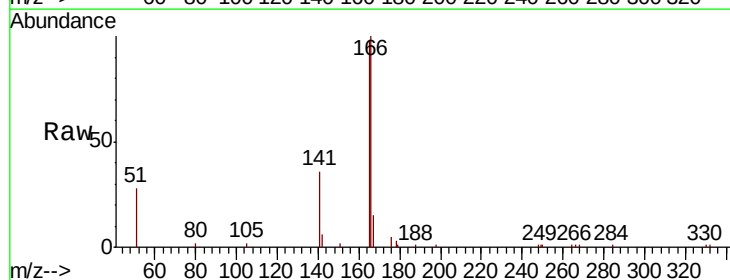
Tgt Ion:166 Resp: 12305

Ion Ratio Lower Upper

166 100

165 99.8 79.8 119.8

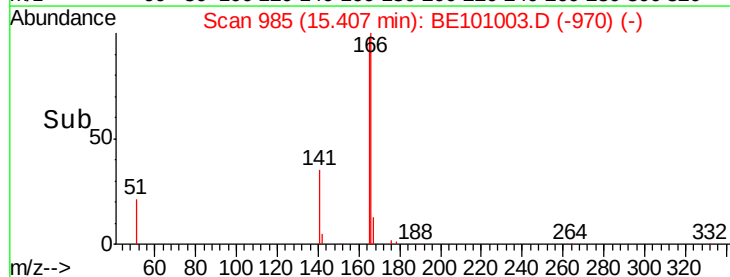
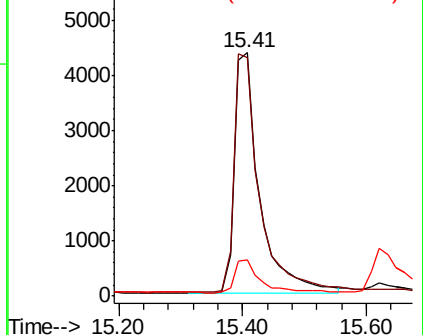
167 13.8 11.0 16.6

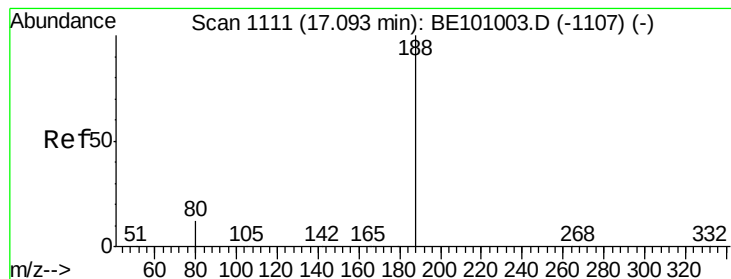


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1111

Delta R.T. 0.00 min

Lab File: BE101003.D

Acq: 8 Jan 2020 14:39

Instrument :

BNA_E

ClientSampleId :

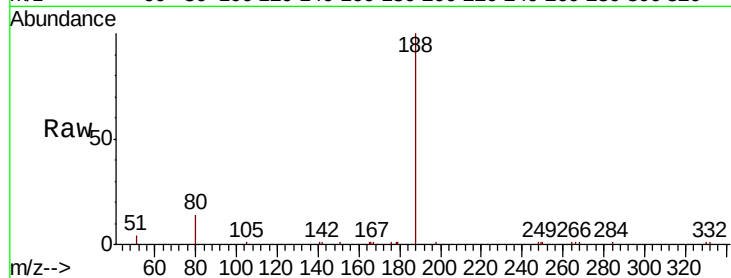
Tot Ion:188 Resp: 19058

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

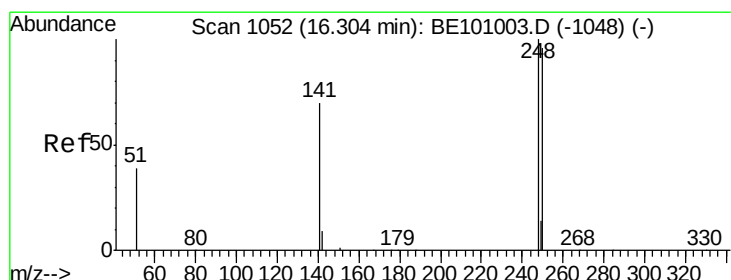
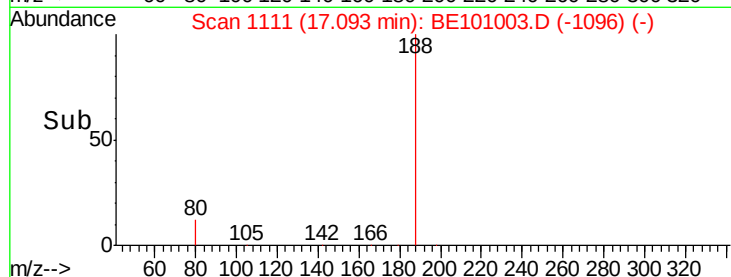
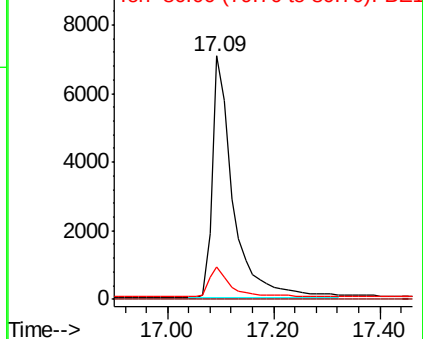
80 13.5 10.8 16.2



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: 0.423 ng

RT: 16.30 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BE101003.D

Acq: 8 Jan 2020 14:39

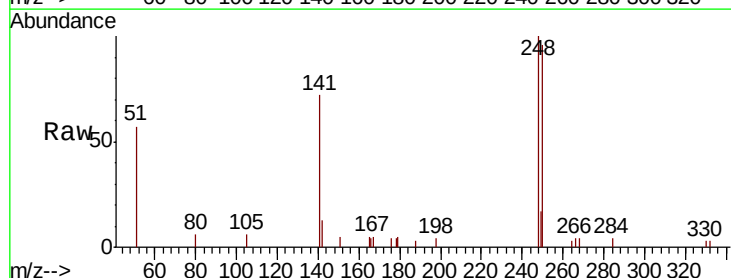
Tgt Ion:248 Resp: 3539

Ion Ratio Lower Upper

248 100

250 95.8 76.6 115.0

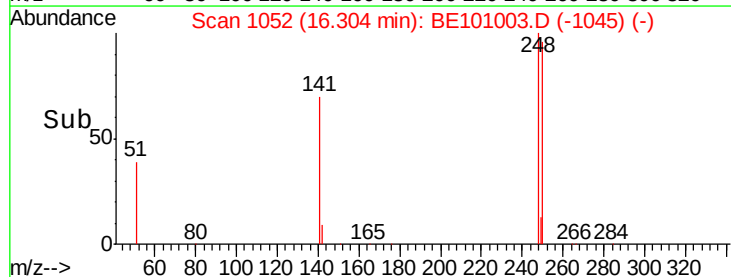
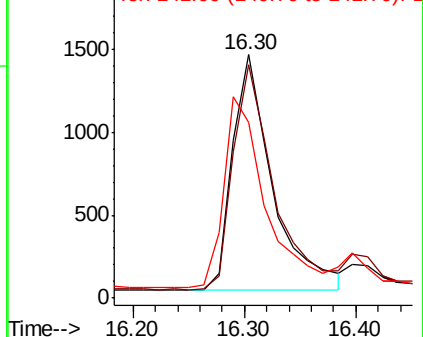
141 72.1 57.7 86.5

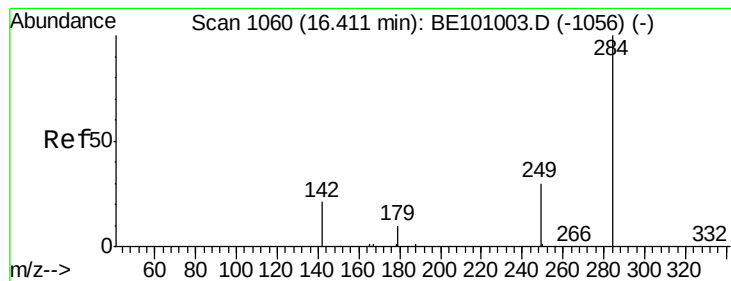


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.416 ng

RT: 16.41 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE101003.D

Acq: 8 Jan 2020 14:39

Instrument :

BNA_E

ClientSampleId :

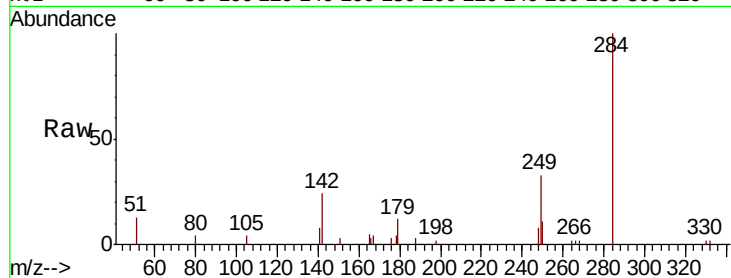
Tot Ion:284 Resp: 4114

Ion Ratio Lower Upper

284 100

142 42.5 34.0 51.0

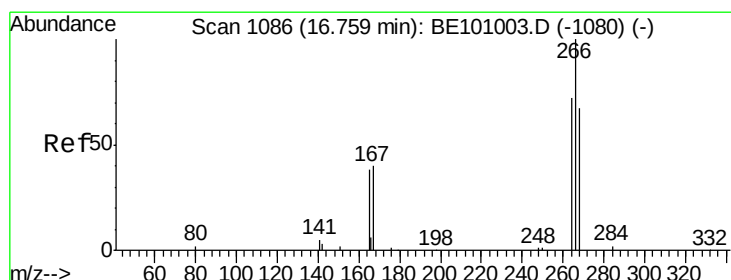
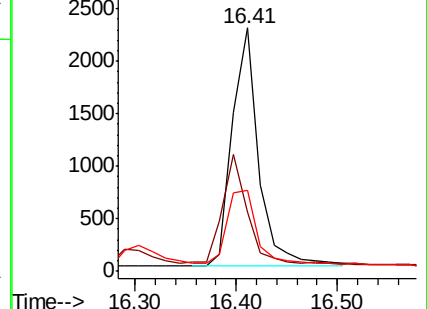
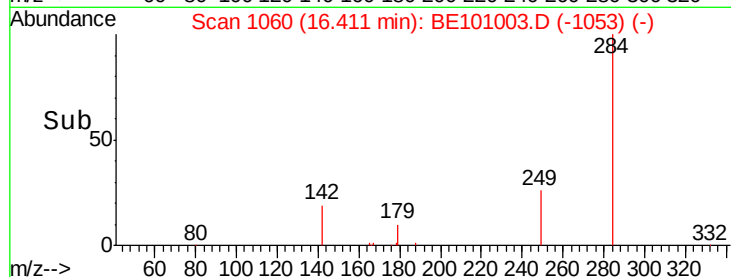
249 35.3 28.2 42.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.521 ng

RT: 16.76 min Scan# 1086

Delta R.T. 0.00 min

Lab File: BE101003.D

Acq: 8 Jan 2020 14:39

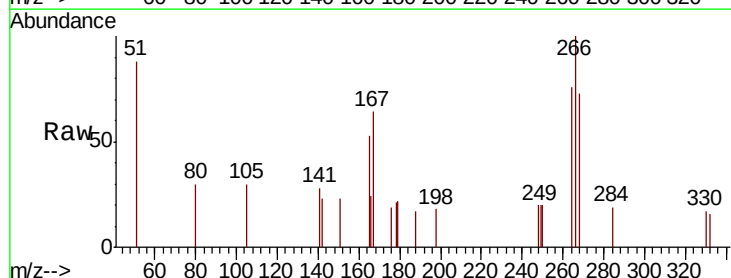
Tgt Ion:266 Resp: 769

Ion Ratio Lower Upper

266 100

264 76.2 61.0 91.4

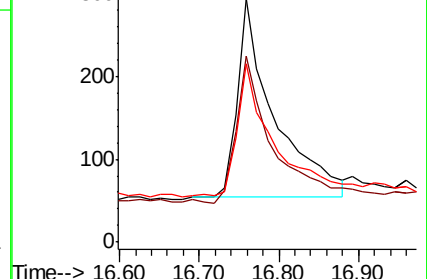
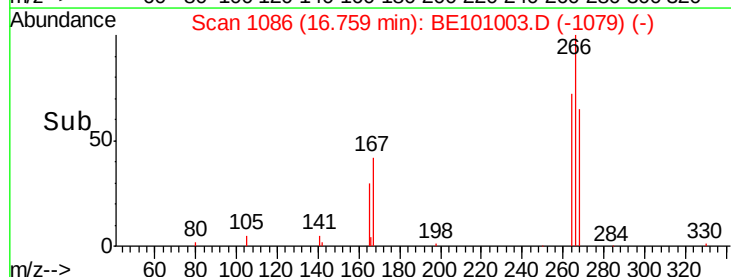
268 73.1 58.5 87.7

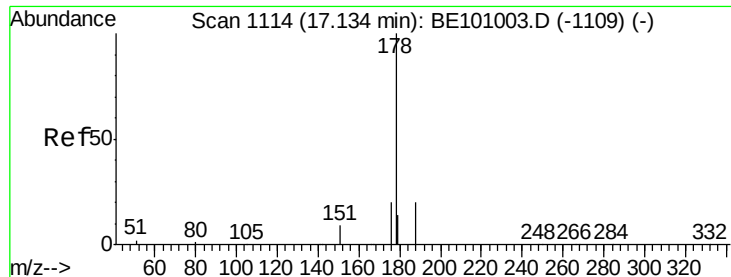


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.418 ng

RT: 17.13 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BE101003.D

Acq: 8 Jan 2020 14:39

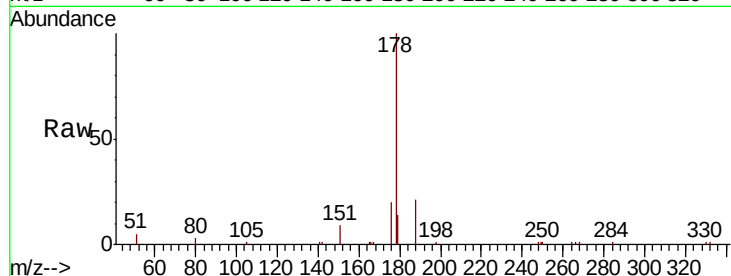
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 20516

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	15.0	12.0	18.0

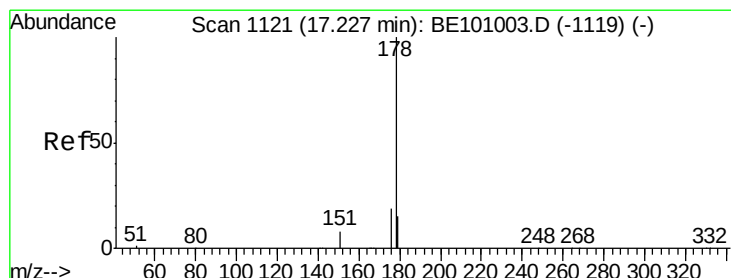
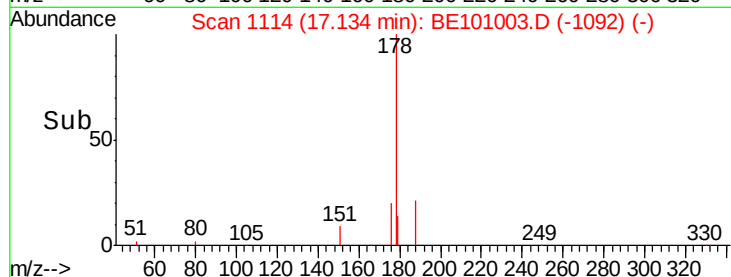
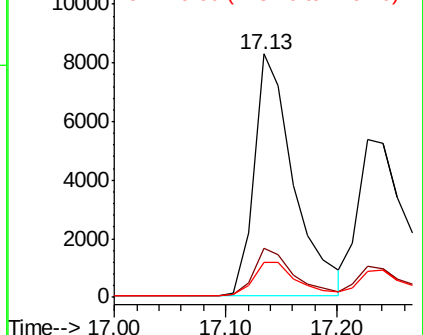


Abundance

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: 0.375 ng

RT: 17.23 min Scan# 1121

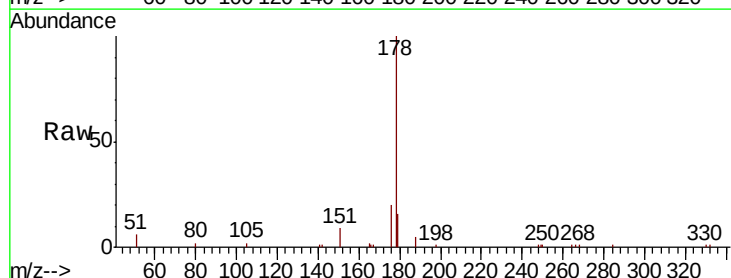
Delta R.T. 0.00 min

Lab File: BE101003.D

Acq: 8 Jan 2020 14:39

Tgt Ion:178 Resp: 18622

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.5	12.4	18.6

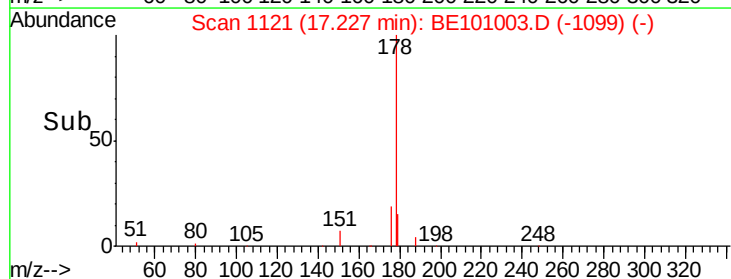
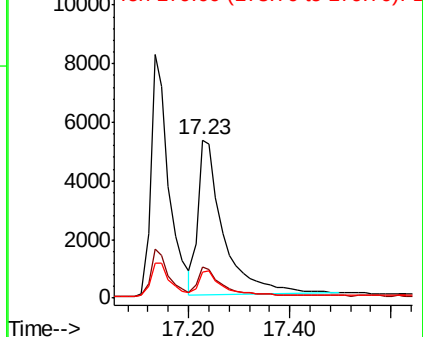


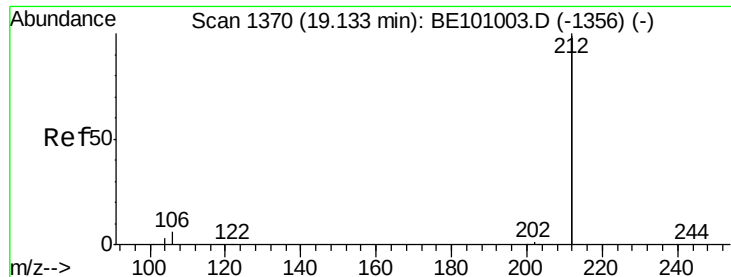
Abundance

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: 0.442 ng

RT: 19.13 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BE101003.D

Acq: 8 Jan 2020 14:39

Instrument :

BNA_E

ClientSampleId :

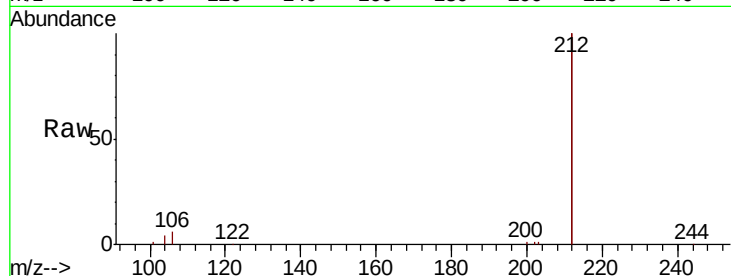
Tot Ion:212 Resp: 102245

Ion Ratio Lower Upper

212 100

106 3.2 2.6 3.8

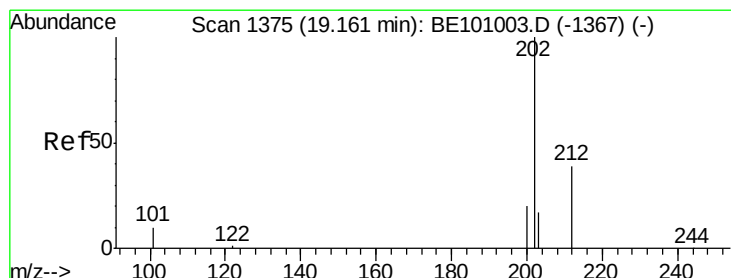
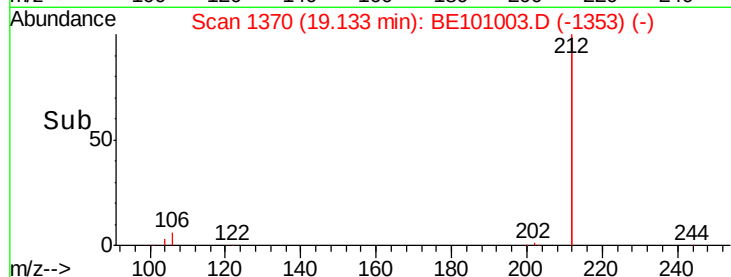
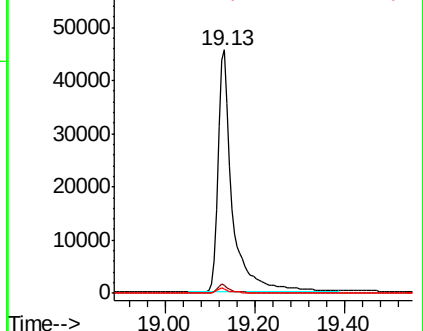
104 1.7 1.4 2.0



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: 0.365 ng

RT: 19.16 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE101003.D

Acq: 8 Jan 2020 14:39

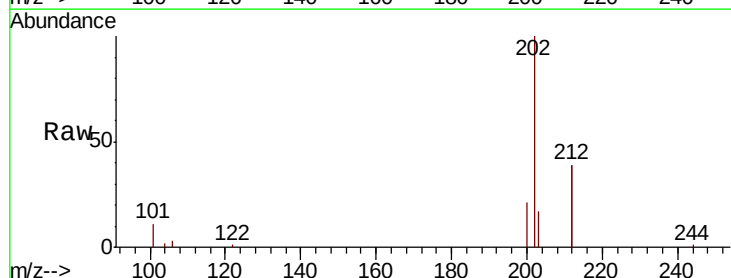
Tgt Ion:202 Resp: 24453

Ion Ratio Lower Upper

202 100

101 12.0 9.6 14.4

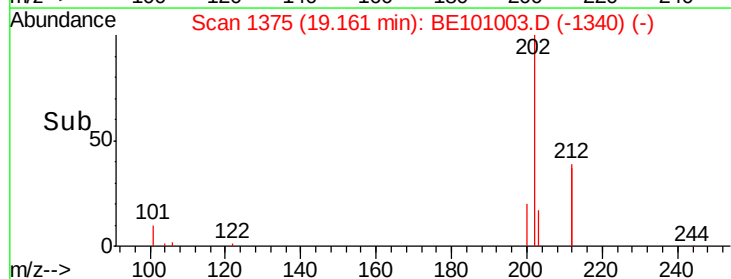
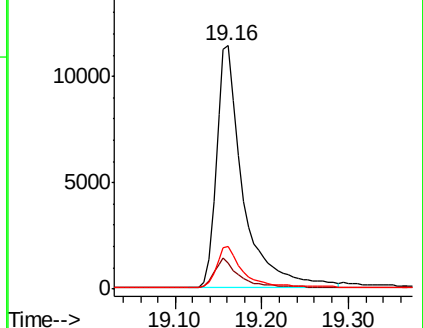
203 17.2 13.8 20.6

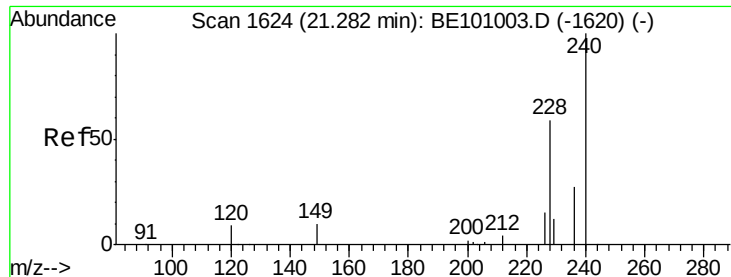


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

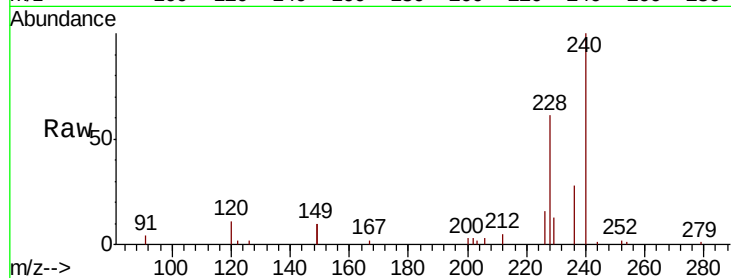




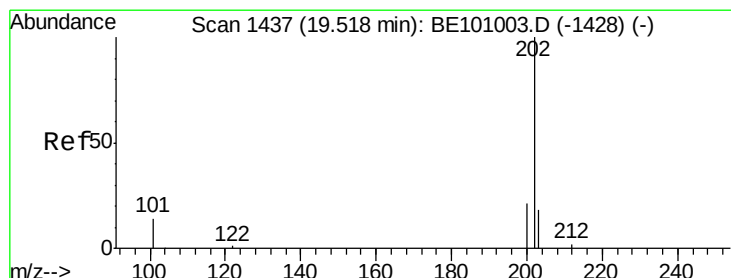
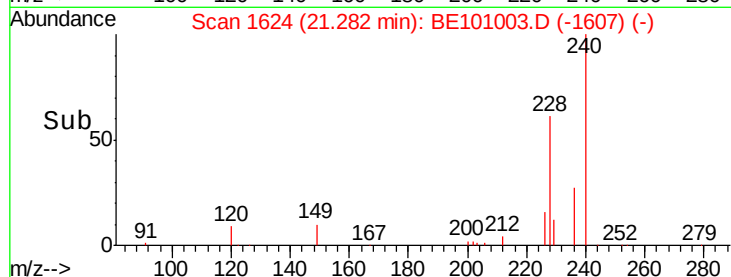
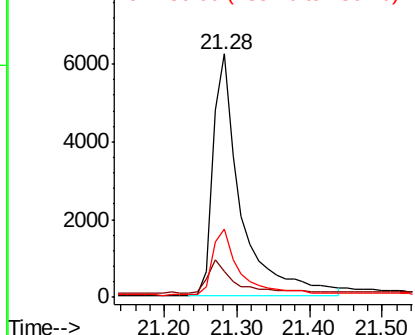
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 16547
Ion Ratio Lower Upper
240 100
120 10.8 8.6 13.0
236 27.8 22.2 33.4

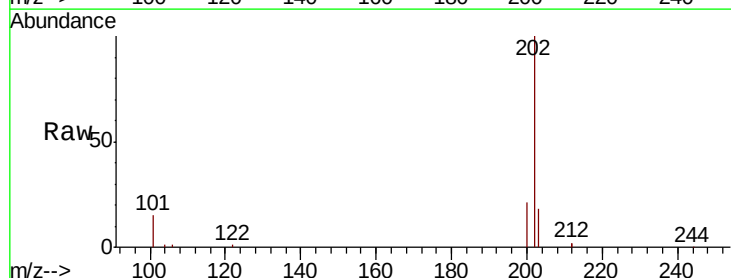


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

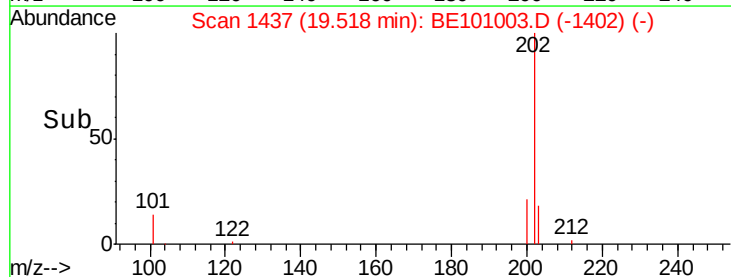
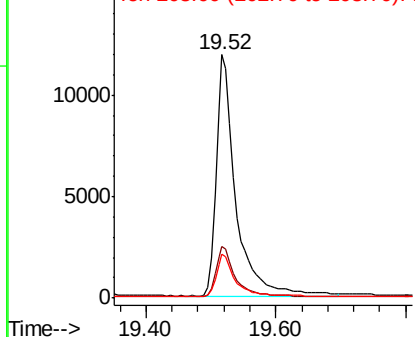


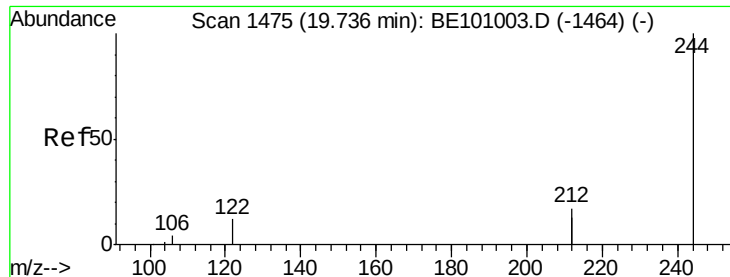
#28
Pyrene
Concen: 0.436 ng
RT: 19.52 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Tgt Ion:202 Resp: 25265
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.2 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.434 ng

RT: 19.74 min Scan# 1475

Delta R.T. 0.00 min

Lab File: BE101003.D

Acq: 8 Jan 2020 14:39

Instrument :

BNA_E

ClientSampleId :

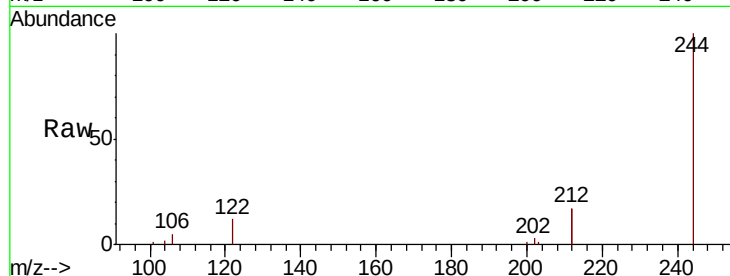
Tot Ion:244 Resp: 16491

Ion Ratio Lower Upper

244 100

212 34.0 27.2 40.8

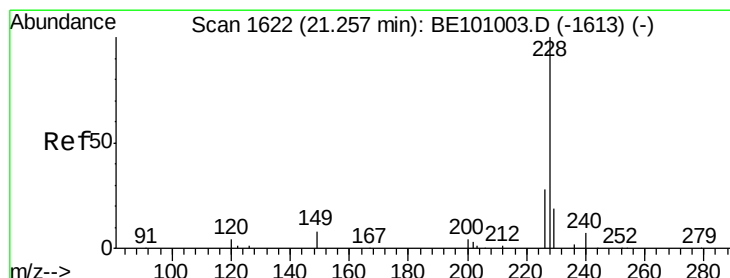
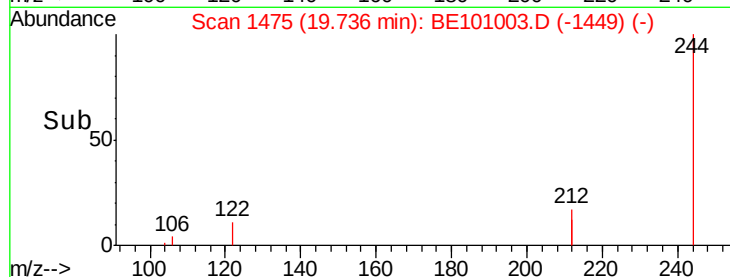
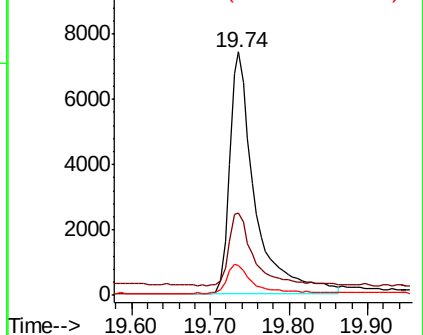
122 12.3 9.8 14.8



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: 0.448 ng

RT: 21.26 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE101003.D

Acq: 8 Jan 2020 14:39

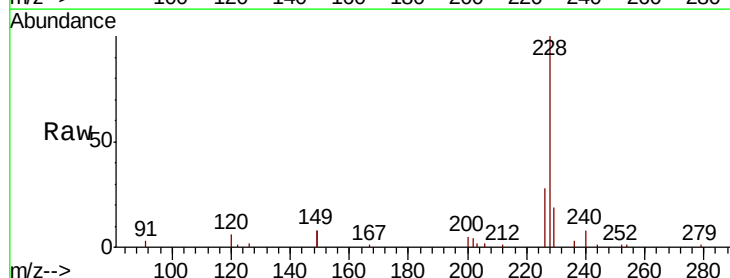
Tgt Ion:228 Resp: 18136

Ion Ratio Lower Upper

228 100

226 28.4 22.7 34.1

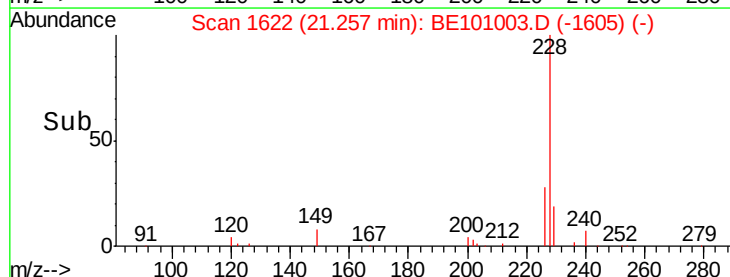
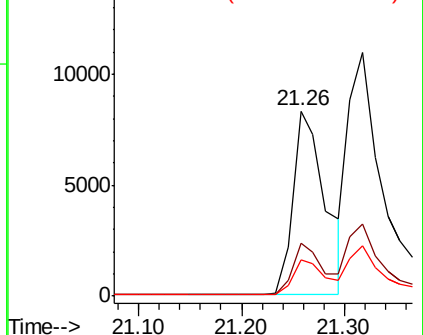
229 19.4 15.5 23.3

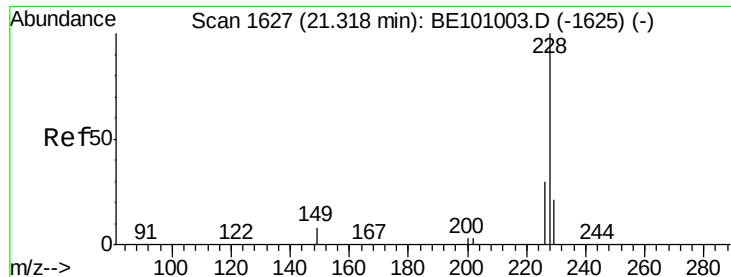


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.383 ng

RT: 21.32 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE101003.D

Acq: 8 Jan 2020 14:39

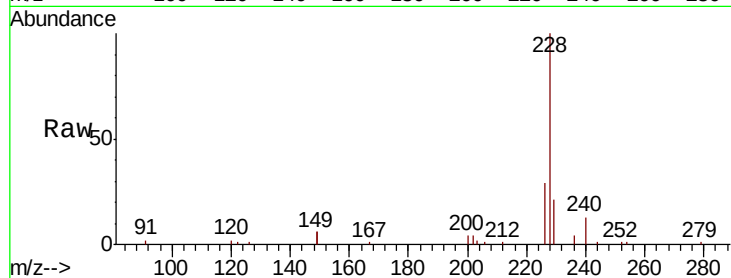
Instrument :

BNA_E

ClientSampled :

Tot Ion:228 Resp: 28885

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.5	35.3
229	20.9	16.7	25.1

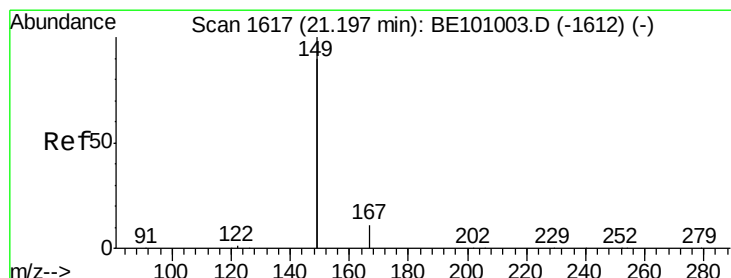
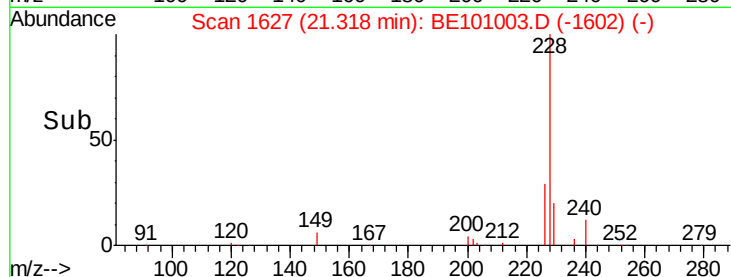
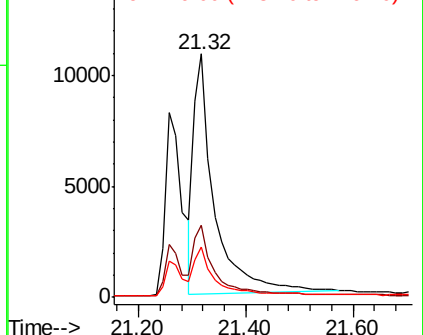


Abundance

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: 0.307 ng

RT: 21.20 min Scan# 1617

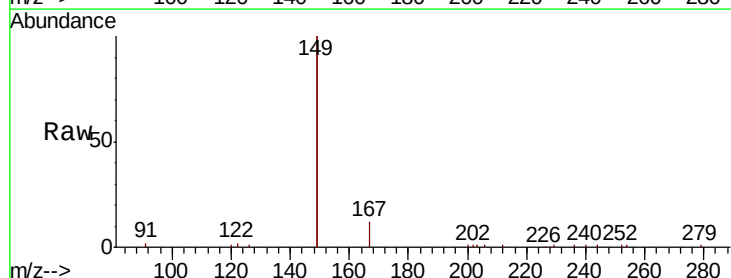
Delta R.T. 0.00 min

Lab File: BE101003.D

Acq: 8 Jan 2020 14:39

Tgt Ion:149 Resp: 27389

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.2	7.8
279	1.0	0.8	1.2

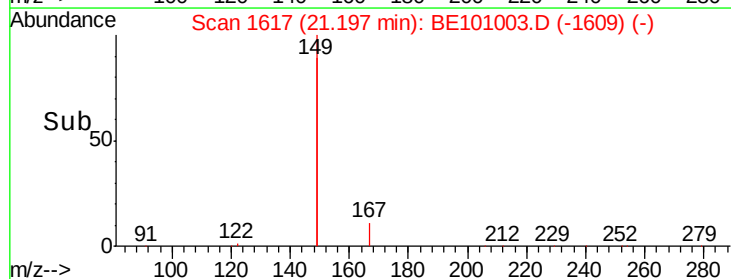
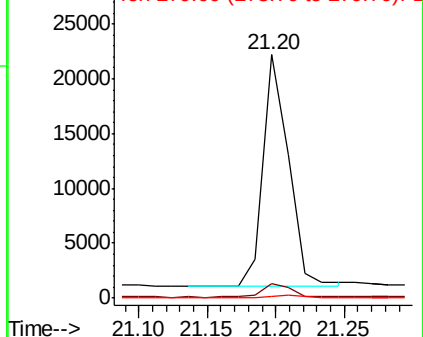


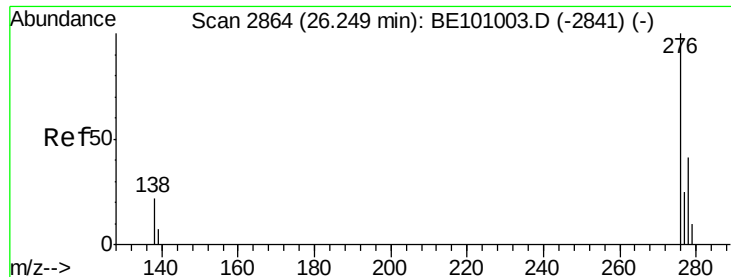
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

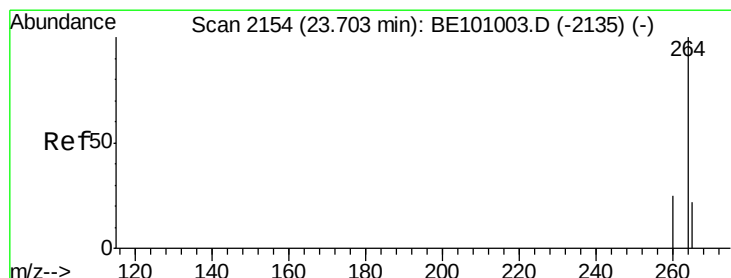
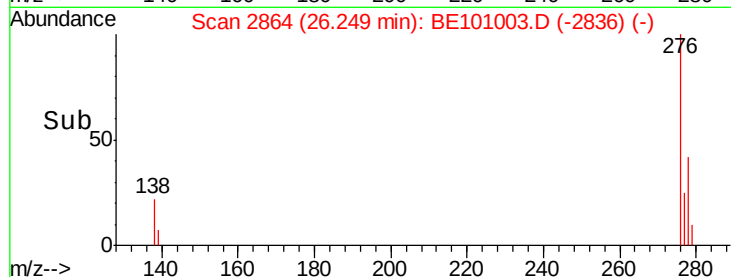
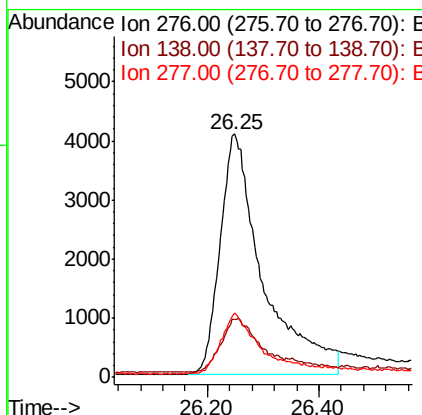
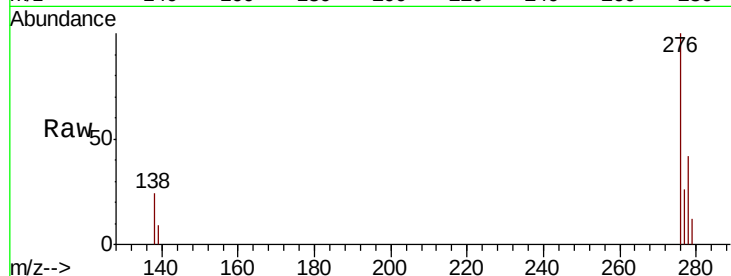




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng
RT: 26.25 min Scan# 2864
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

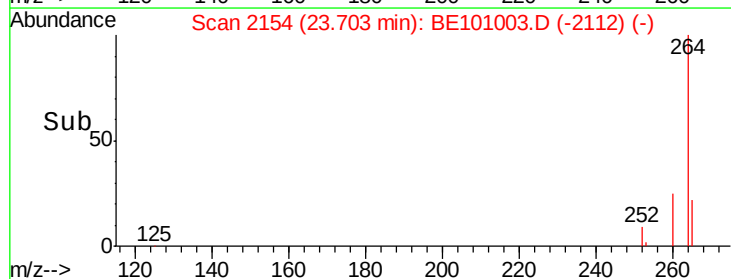
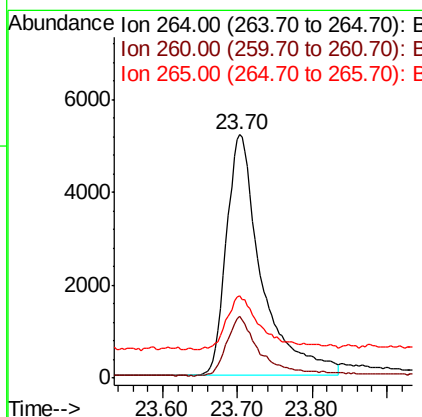
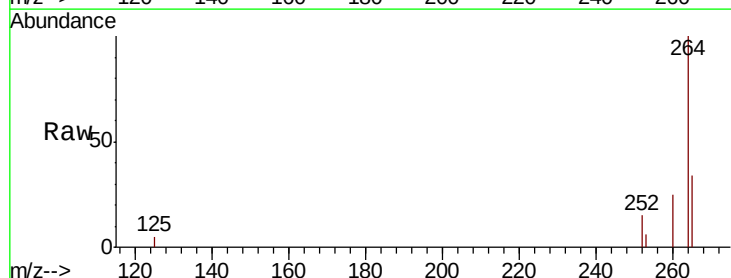
Instrument :
BNA_E
ClientSampleId :

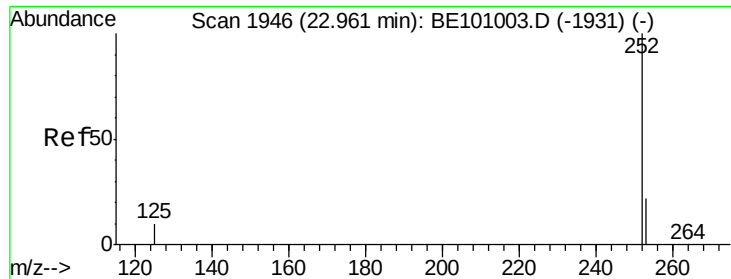
Tot Ion:276 Resp: 21587
Ion Ratio Lower Upper
276 100
138 20.1 16.1 24.1
277 22.6 18.1 27.1



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.70 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Tgt Ion:264 Resp: 16977
Ion Ratio Lower Upper
264 100
260 25.4 20.3 30.5
265 33.7 27.0 40.4

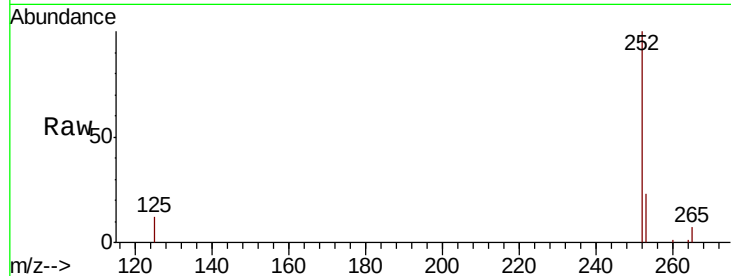




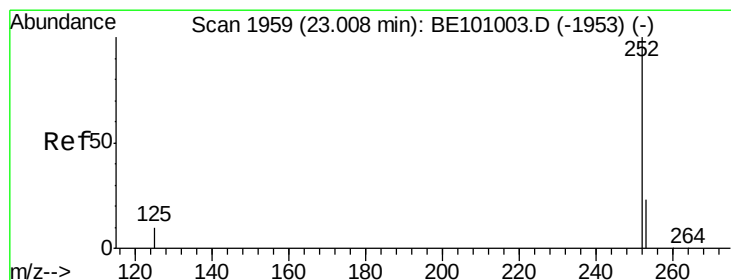
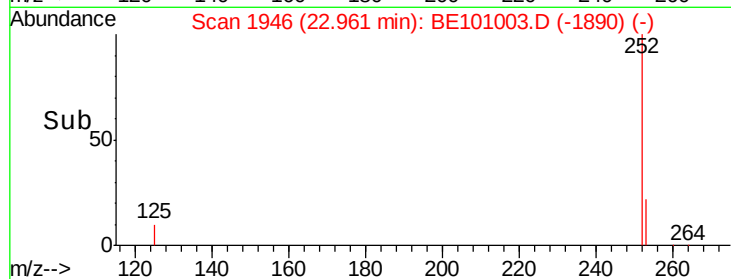
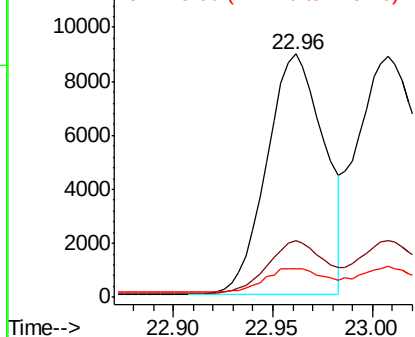
#35
Benzo(b)fluoranthene
Concen: 0.497 ng
RT: 22.96 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 17778
Ion Ratio Lower Upper
252 100
253 23.1 18.5 27.7
125 11.9 9.5 14.3

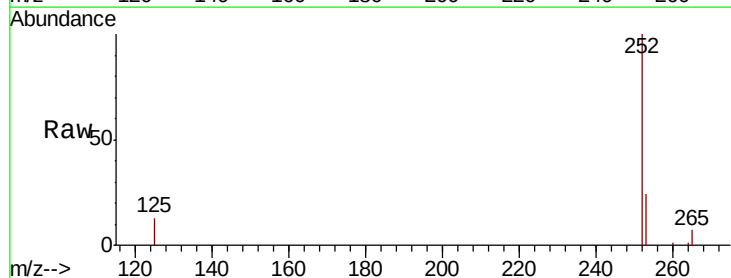


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

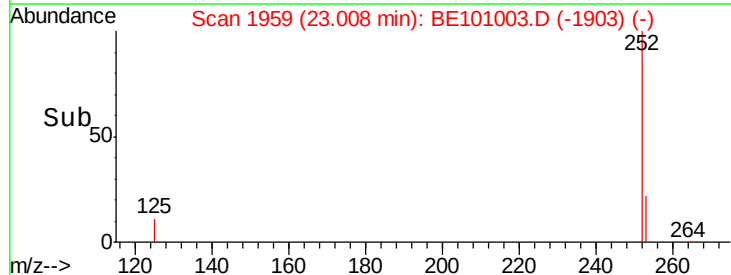
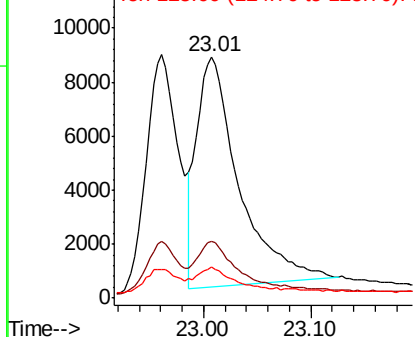


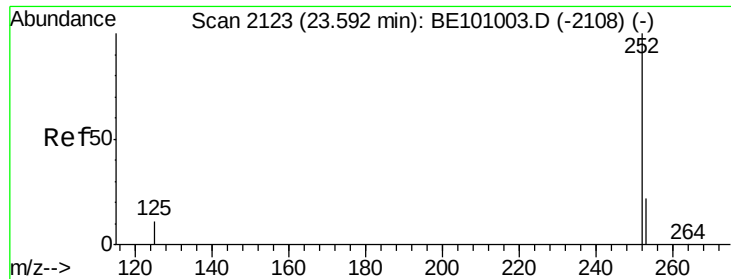
#36
Benzo(k)fluoranthene
Concen: 0.343 ng
RT: 23.01 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Tgt Ion:252 Resp: 23275
Ion Ratio Lower Upper
252 100
253 23.6 18.9 28.3
125 12.6 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

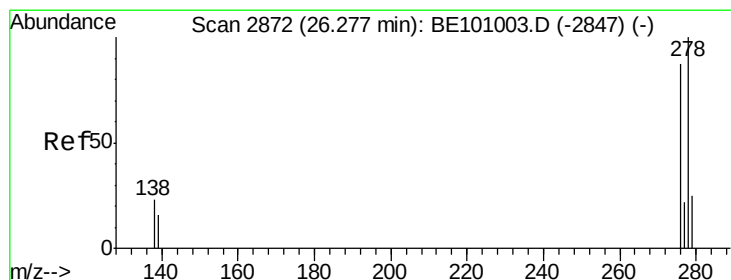
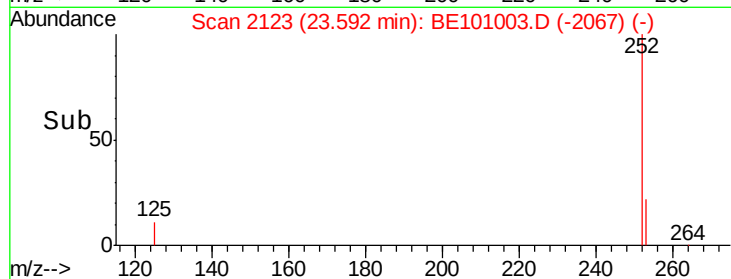
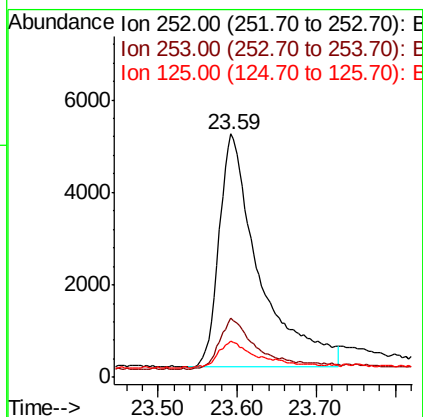
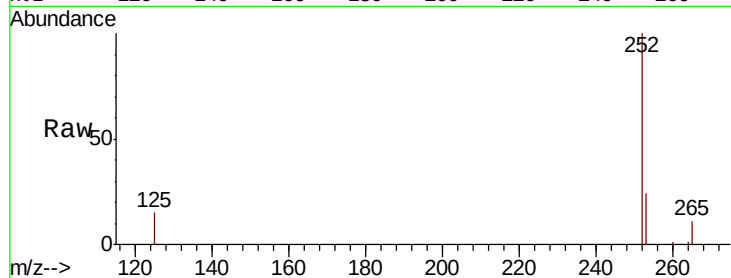




#37
Benzo(a)pyrene
Concen: 0.427 ng
RT: 23.59 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

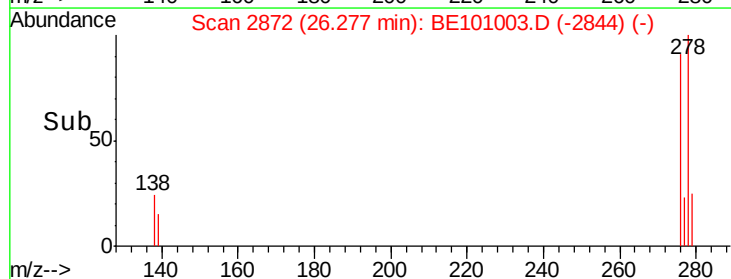
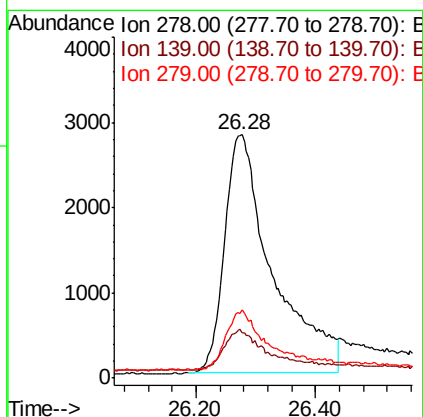
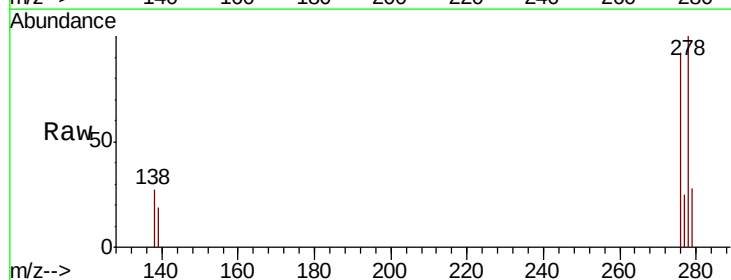
Instrument :
BNA_E
ClientSampleId :

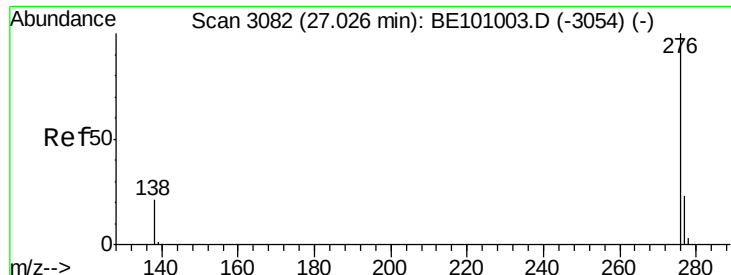
Tot Ion:252 Resp: 17833
Ion Ratio Lower Upper
252 100
253 24.3 19.4 29.2
125 14.7 11.8 17.6



#38
Dibenzo(a,h)anthracene
Concen: 0.414 ng
RT: 26.28 min Scan# 2872
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Tgt Ion:278 Resp: 15636
Ion Ratio Lower Upper
278 100
139 18.7 15.0 22.4
279 28.2 22.6 33.8





#39

Benzo(a,h,i)perylene

Concen: 0.480 ng

RT: 27.03 min Scan# 3082

Delta R.T. 0.00 min

Lab File: BE101003.D

Acq: 8 Jan 2020 14:39

Instrument :

BNA_E

ClientSampleId :

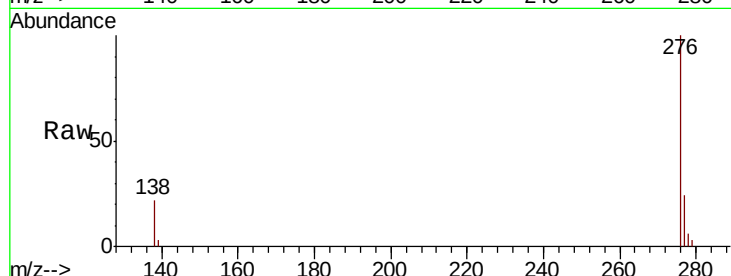
Tot Ion:276 Resp: 21395

Ion Ratio Lower Upper

276 100

277 24.3 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

