

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011320\
 Data File : BE101041.D
 Acq On : 13 Jan 2020 16:57
 Operator : JU
 Sample : PB125976BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB125976BSD

Quant Time: Jan 13 17:36:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 18:36:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	3276	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	14313	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	7903	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	16952	0.40	ng	0.00
27) Chrysene-d12	21.27	240	14835	0.40	ng	-0.01
34) Perylene-d12	23.69	264	15716	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.34	112	1338	0.18	ng	0.00
5) Phenol-d6	6.92	99	1142	0.12	ng	0.00
8) Nitrobenzene-d5	8.87	82	2911	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	11524	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	544	0.24	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	14713	0.49	ng	-0.01
25) Fluoranthene-d10	19.13	212	75799	0.32	ng	0.00
29) Terphenyl-d14	19.74	244	15159	0.42	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	1538	0.102	ng	# 53
3) n-Nitrosodimethylamine	3.61	42	1149	0.252	ng	# 75
6) bis(2-Chloroethyl)ether	7.16	93	3480	0.313	ng	99
9) Naphthalene	10.55	128	62408	0.393	ng	100
10) Hexachlorobutadiene	10.85	225	2445	0.363	ng	99
12) 2-Methylnaphthalene	12.18	142	9007	0.375	ng	98
16) Acenaphthylene	14.08	152	9768	0.303	ng	100
17) Acenaphthene	14.43	154	8565	0.372	ng	98
18) Fluorene	15.39	166	10801	0.371	ng	99
20) 4-Bromophenyl-phenylether	16.30	248	2836	0.343	ng	93
21) Hexachlorobenzene	16.41	284	3366	0.371	ng	99
22) Pentachlorophenol	16.76	266	991	0.562	ng	86
23) Phenanthrene	17.13	178	17296	0.374	ng	99
24) Anthracene	17.23	178	15121	0.346	ng	97
26) Fluoranthene	19.16	202	20518	0.354	ng	99
28) Pyrene	19.52	202	20712	0.375	ng	99
30) Benzo(a)anthracene	21.26	228	12490	0.295	ng	99
31) Chrysene	21.31	228	26996	0.429	ng	99
32) Bis(2-ethylhexyl)phthalate	21.20	149	24581	0.348	ng	99
33) Indeno(1,2,3-cd)pyrene	26.24	276	18365	0.369	ng	97
35) Benzo(b)fluoranthene	22.95	252	15814	0.359	ng	100
36) Benzo(k)fluoranthene	23.00	252	24910	0.390	ng	97
37) Benzo(a)pyrene	23.59	252	16093	0.377	ng	99
38) Dibenzo(a,h)anthracene	26.27	278	12916	0.329	ng	98
39) Benzo(g,h,i)perylene	27.01	276	19244	0.399	ng	99

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

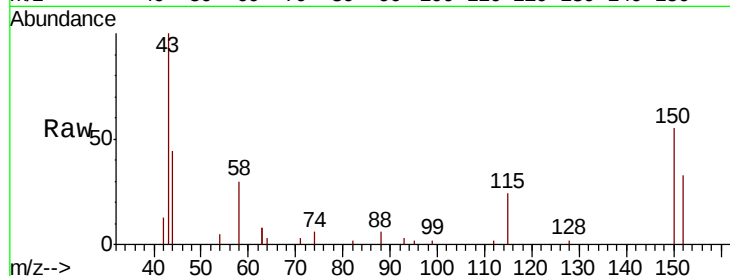


#1

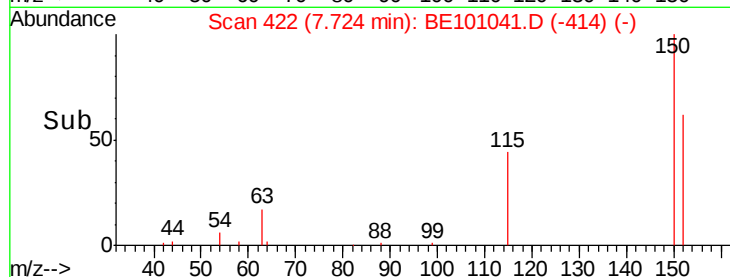
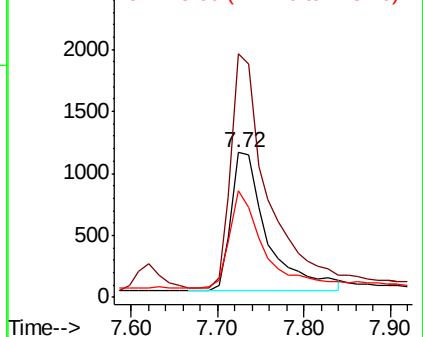
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Instrument :
BNA_E
ClientSampleId :
PB125976BSD

Tot Ion:152 Resp: 3276
Ion Ratio Lower Upper
152 100
150 168.1 120.3 180.5
115 73.7 51.7 77.5



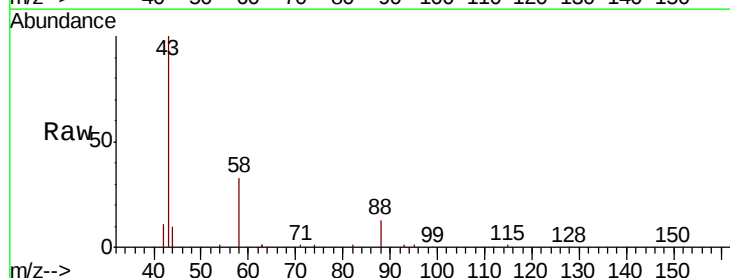
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



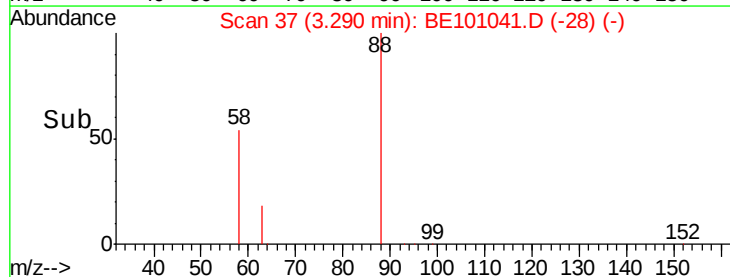
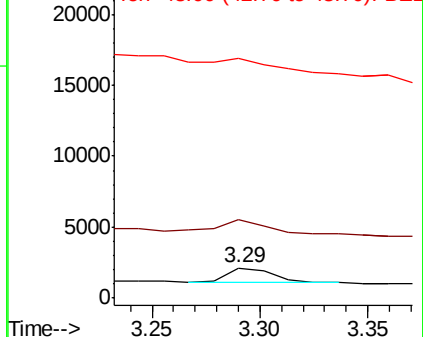
#2

1,4-Dioxane
Concen: 0.102 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Tgt Ion: 88 Resp: 1538
Ion Ratio Lower Upper
88 100
58 101.1 53.0 79.4#
43 0.0 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: 0.252 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.00 min

Lab File: BE101041.D

Acq: 13 Jan 2020 16:57

Instrument :

BNA_E

ClientSampleId :

PB125976BSD

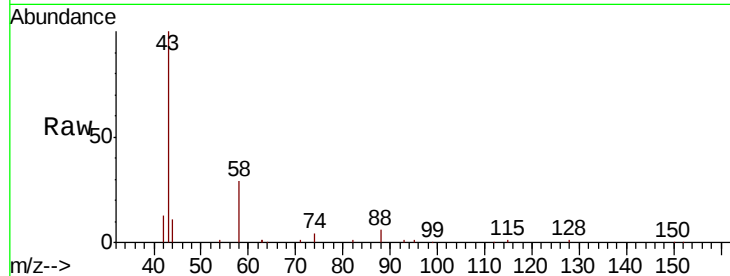
Tot Ion: 42 Resp: 1149

Ion Ratio Lower Upper

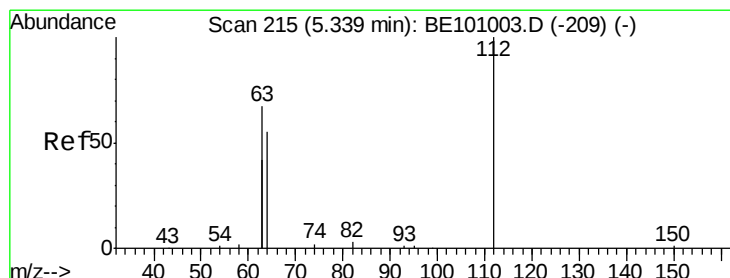
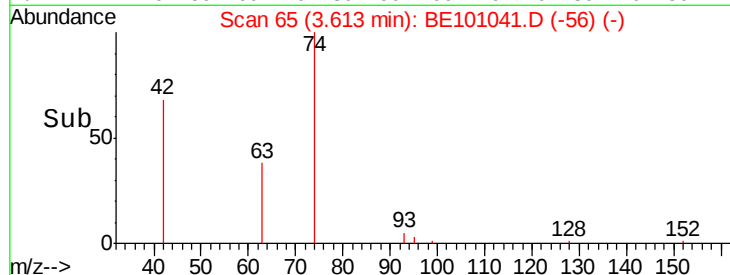
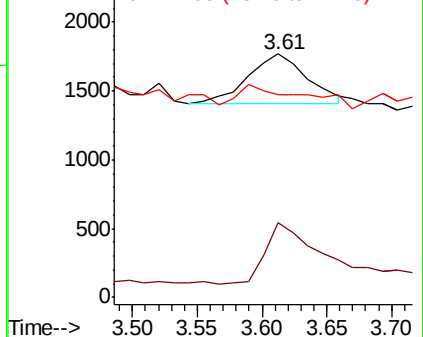
42 100

74 104.0 105.7 158.5#

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: 0.181 ng

RT: 5.34 min Scan# 215

Delta R.T. 0.00 min

Lab File: BE101041.D

Acq: 13 Jan 2020 16:57

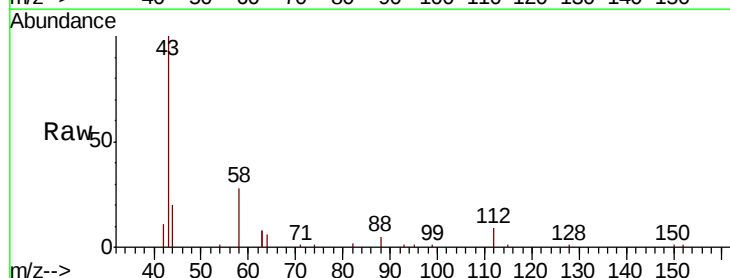
Tgt Ion: 112 Resp: 1338

Ion Ratio Lower Upper

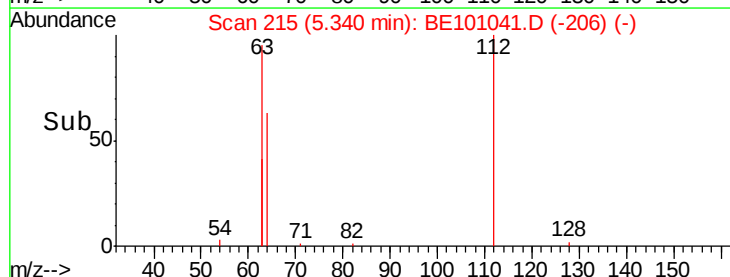
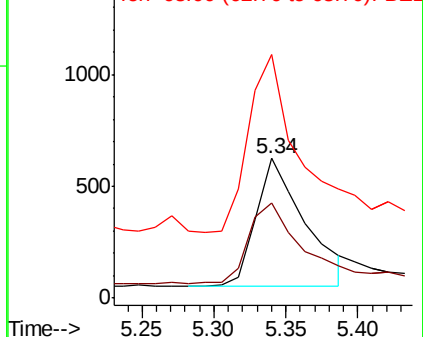
112 100

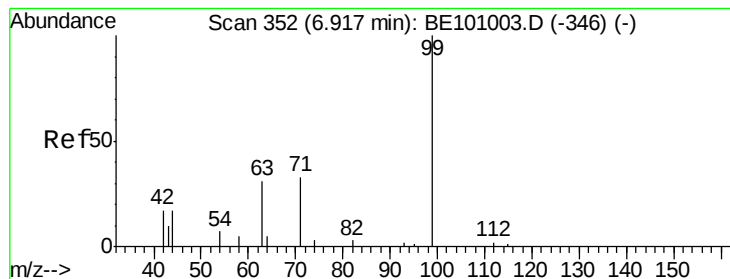
64 67.3 53.6 80.4

63 143.6 114.6 172.0



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





#5

Phenol-d6

Concen: 0.122 ng

RT: 6.92 min Scan# 352

Delta R.T. 0.00 min

Lab File: BE101041.D

Acq: 13 Jan 2020 16:57

Instrument :

BNA_E

ClientSampleId :

PB125976BSD

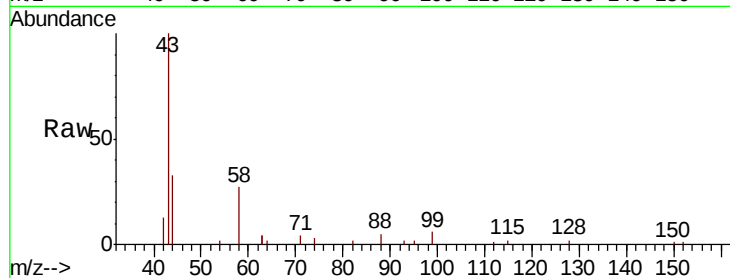
Tot Ion: 99 Resp: 1142

Ion Ratio Lower Upper

99 100

42 0.0 18.3 27.5#

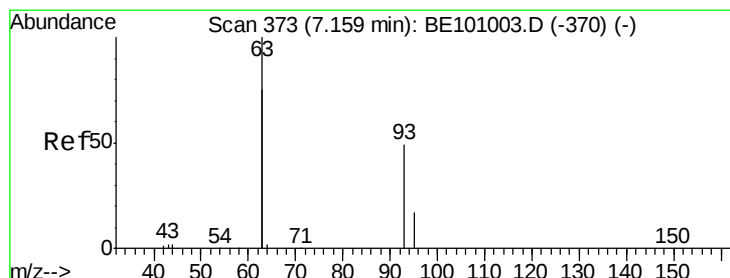
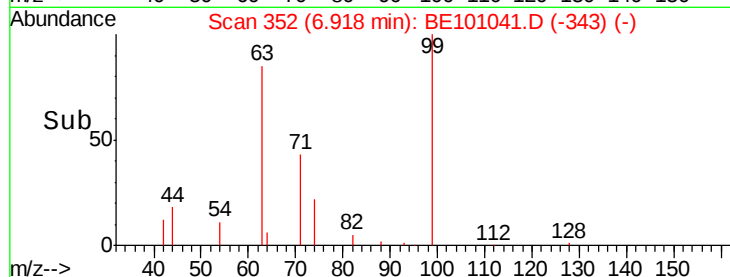
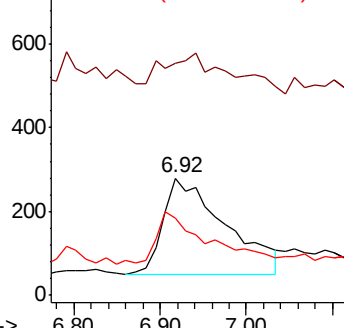
71 43.2 28.0 42.0#



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: 0.313 ng

RT: 7.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: BE101041.D

Acq: 13 Jan 2020 16:57

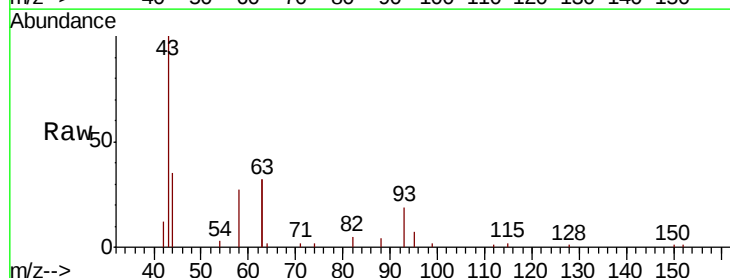
Tgt Ion: 93 Resp: 3480

Ion Ratio Lower Upper

93 100

63 290.7 233.9 350.9

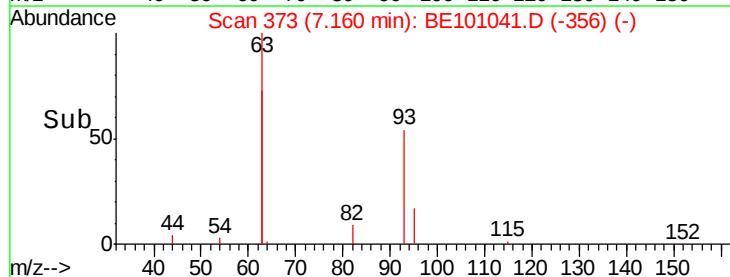
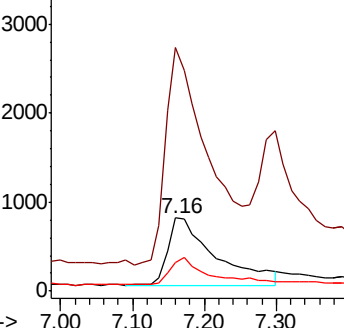
95 32.9 23.5 35.3



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: BE101041.D

Acq: 13 Jan 2020 16:57

Instrument :

BNA_E

ClientSampleId :

PB125976BSD

Tot Ion:136 Resp: 14313

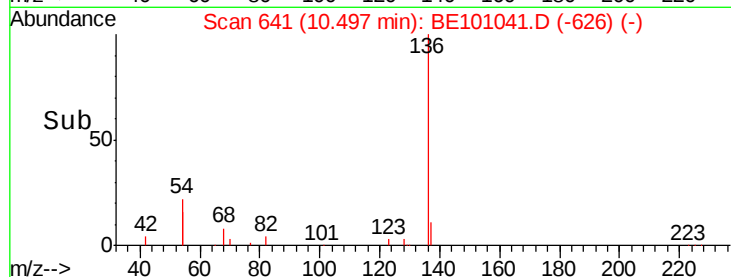
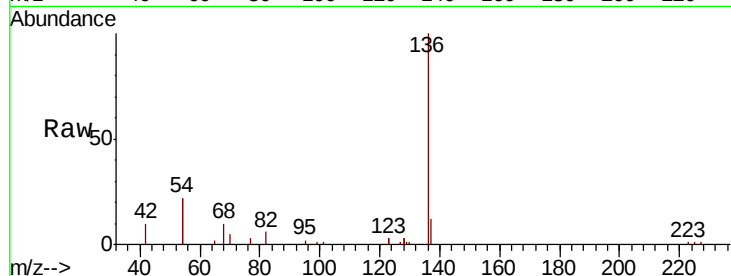
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 43.9 36.8 55.2

68 9.7 8.4 12.6

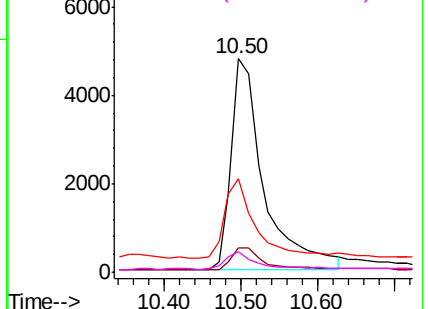


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.284 ng

RT: 8.87 min Scan# 516

Delta R.T. -0.00 min

Lab File: BE101041.D

Acq: 13 Jan 2020 16:57

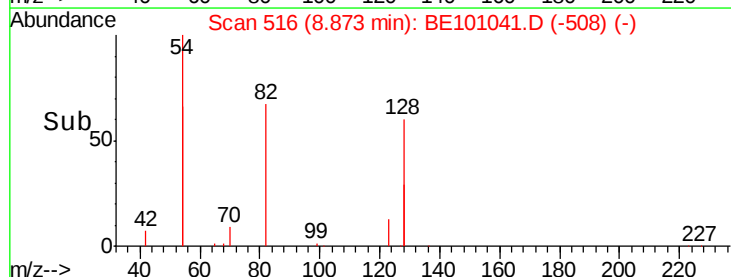
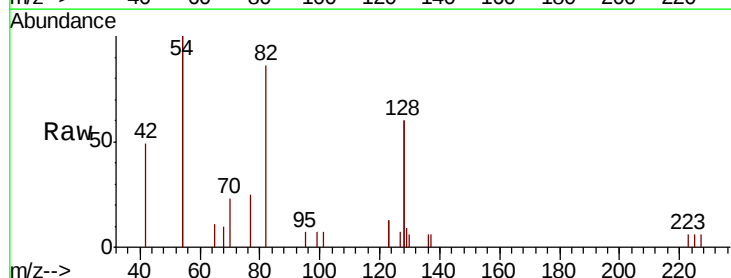
Tgt Ion: 82 Resp: 2911

Ion Ratio Lower Upper

82 100

128 138.6 109.8 164.6

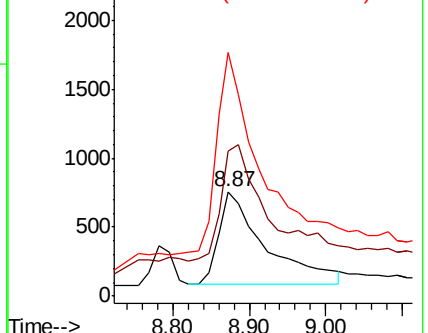
54 232.7 174.5 261.7

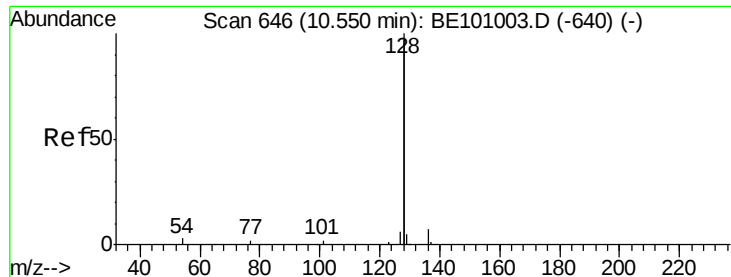


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.393 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE101041.D

Acq: 13 Jan 2020 16:57

Instrument :

BNA_E

ClientSampleId :

PB125976BSD

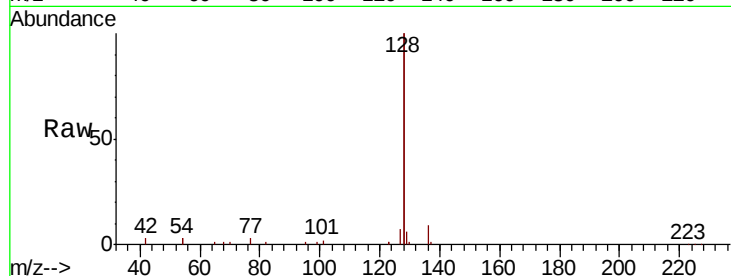
Tot Ion:128 Resp: 62408

Ion Ratio Lower Upper

128 100

129 3.0 2.3 3.5

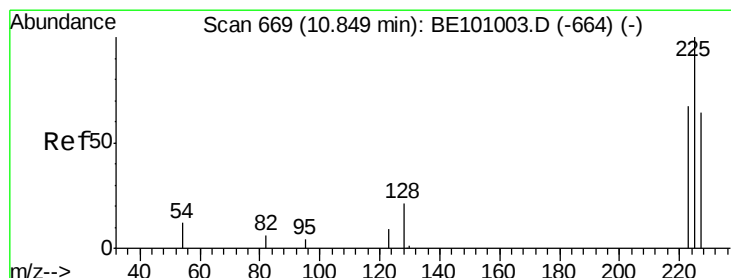
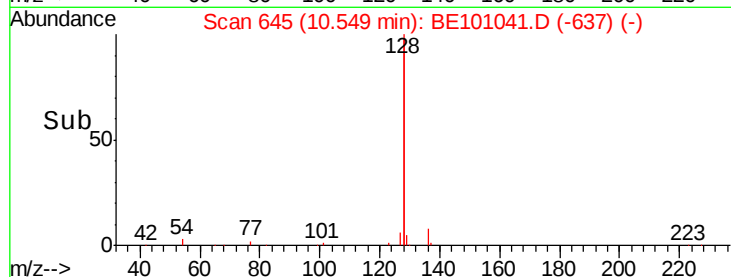
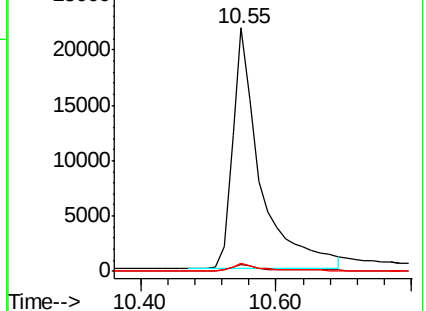
127 3.5 2.7 4.1



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: 0.363 ng

RT: 10.85 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE101041.D

Acq: 13 Jan 2020 16:57

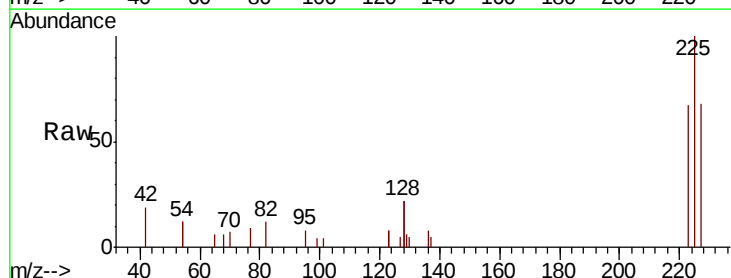
Tgt Ion:225 Resp: 2445

Ion Ratio Lower Upper

225 100

223 64.3 52.2 78.4

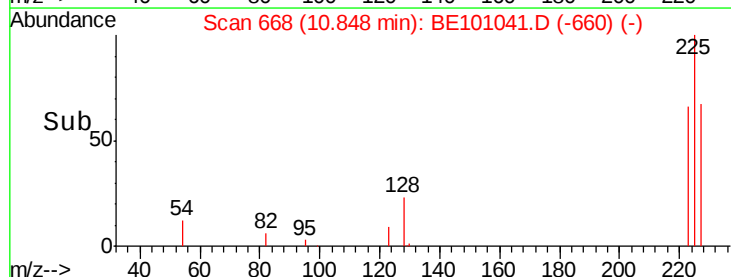
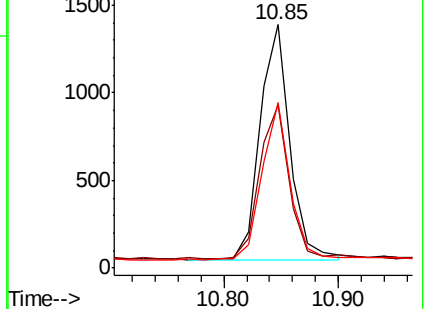
227 62.6 49.9 74.9



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

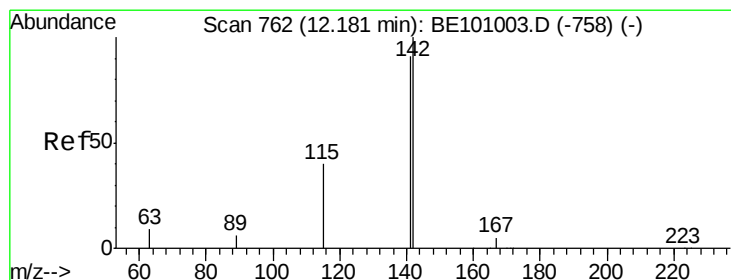
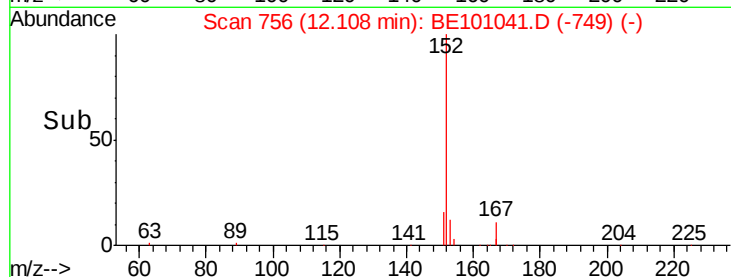
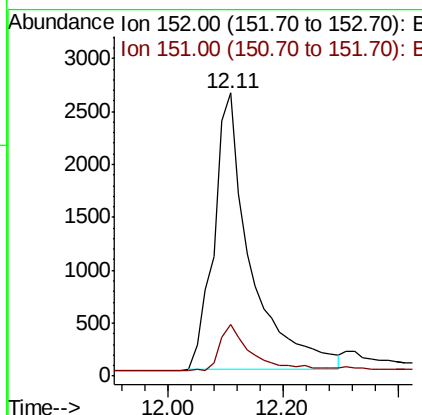
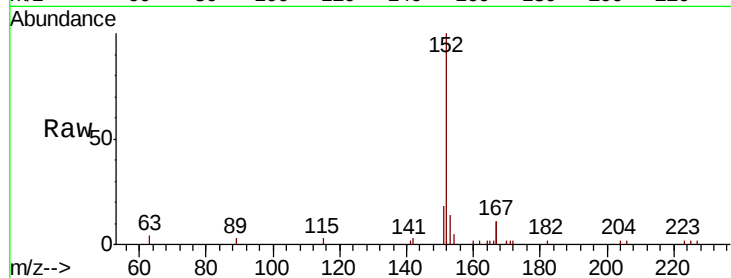




#11
 2-Methylnaphthalene-d10
 Concen: 0.422 ng
 RT: 12.11 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BE101041.D
 Acq: 13 Jan 2020 16:57

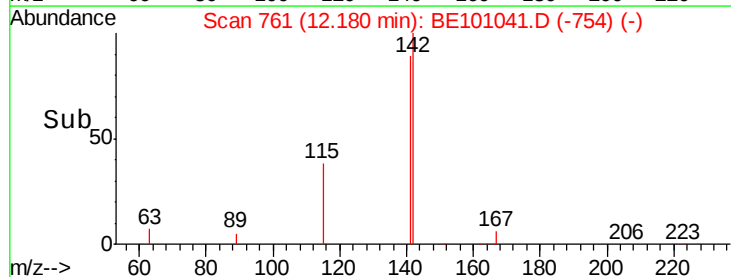
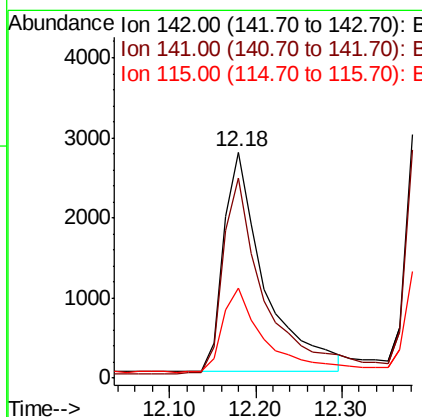
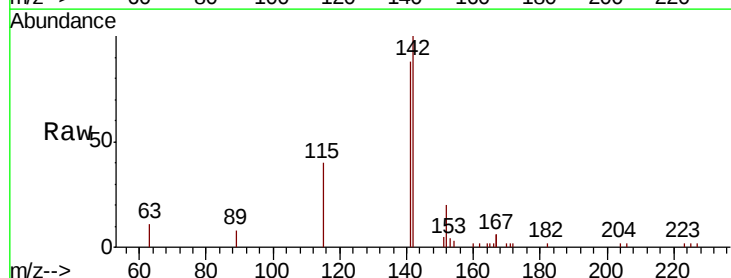
Instrument :
 BNA_E
 ClientSampleId :
 PB125976BSD

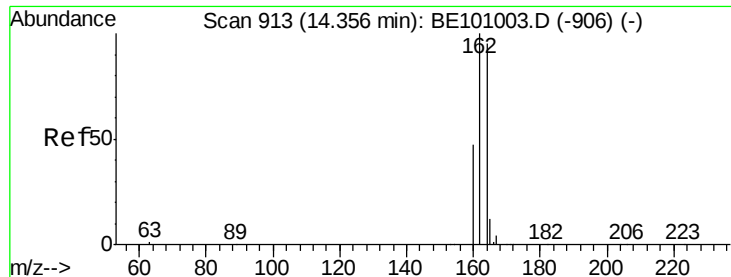
Tot Ion:152 Resp: 11524
 Ion Ratio Lower Upper
 152 100
 151 14.5 15.0 22.6#



#12
 2-Methylnaphthalene
 Concen: 0.375 ng
 RT: 12.18 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BE101041.D
 Acq: 13 Jan 2020 16:57

Tgt Ion:142 Resp: 9007
 Ion Ratio Lower Upper
 142 100
 141 88.4 72.5 108.7
 115 39.6 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: BE101041.D

Acq: 13 Jan 2020 16:57

Instrument :

BNA_E

ClientSampleId :

PB125976BSD

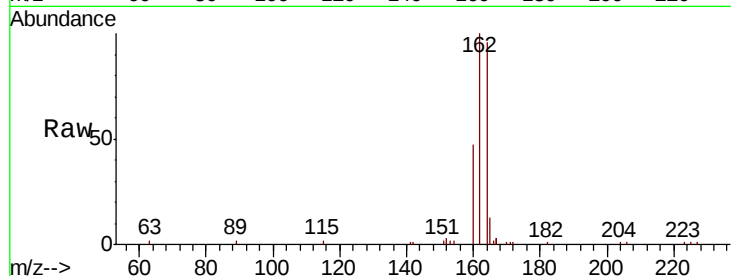
Tot Ion:164 Resp: 7903

Ion Ratio Lower Upper

164 100

162 104.5 84.1 126.1

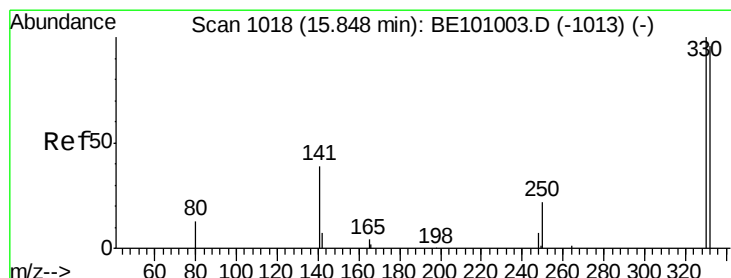
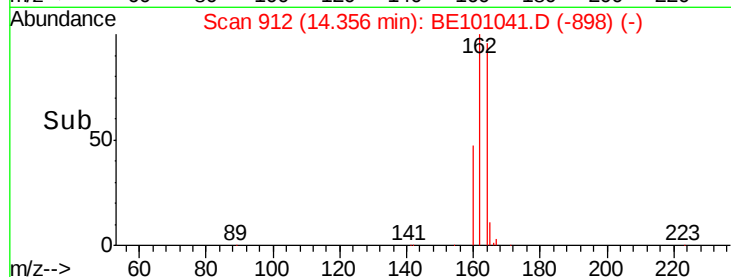
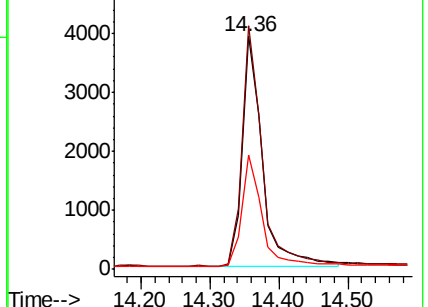
160 49.3 40.4 60.6



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: 0.244 ng

RT: 15.85 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BE101041.D

Acq: 13 Jan 2020 16:57

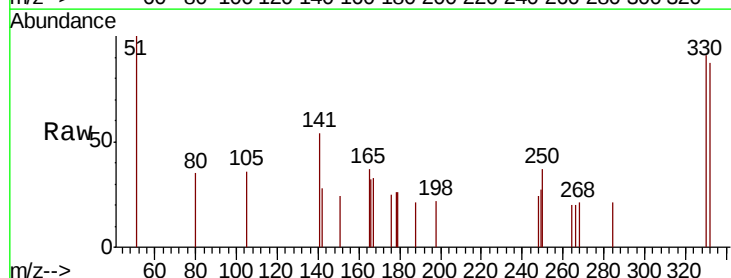
Tgt Ion:330 Resp: 544

Ion Ratio Lower Upper

330 100

332 99.4 78.4 117.6

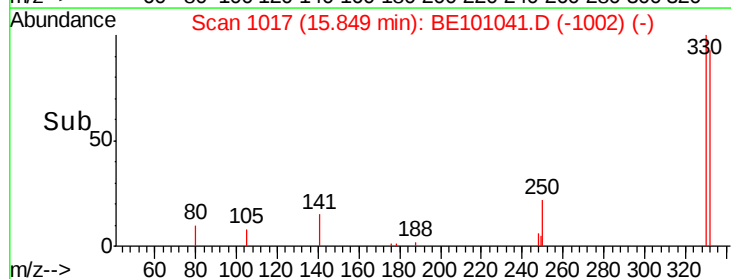
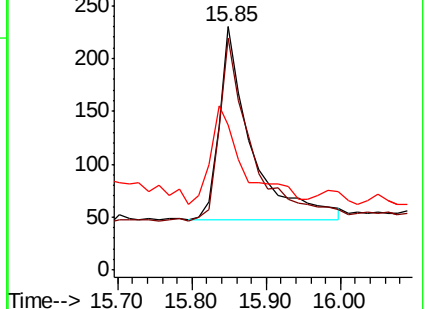
141 53.7 37.0 55.4

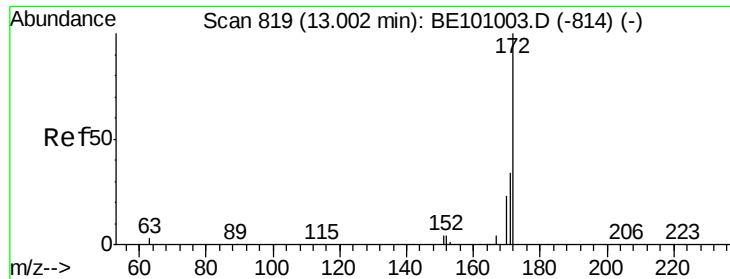


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

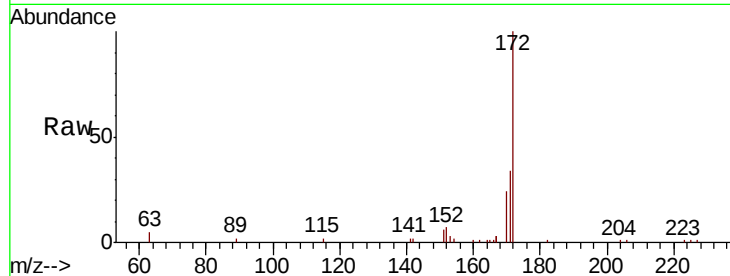




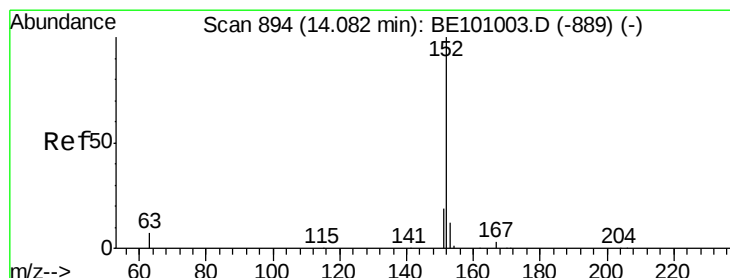
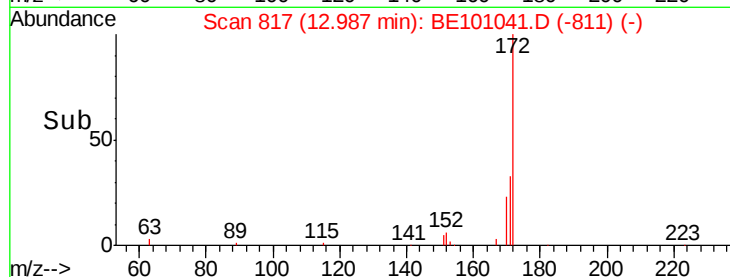
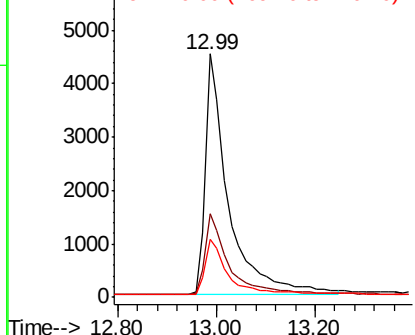
#15
2-Fluorobiphenyl
Concen: 0.490 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Instrument :
BNA_E
ClientSampleId :
PB125976BSD

Tot Ion:172 Resp: 14713
Ion Ratio Lower Upper
172 100
171 34.2 28.2 42.2
170 24.0 18.9 28.3

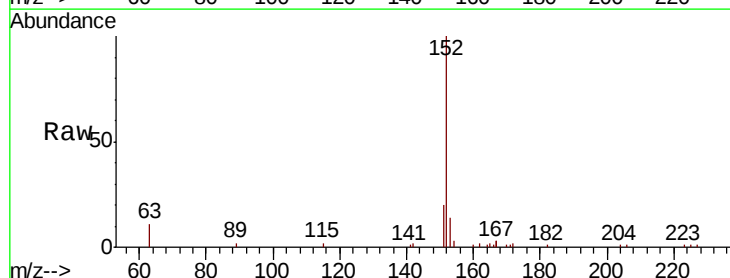


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

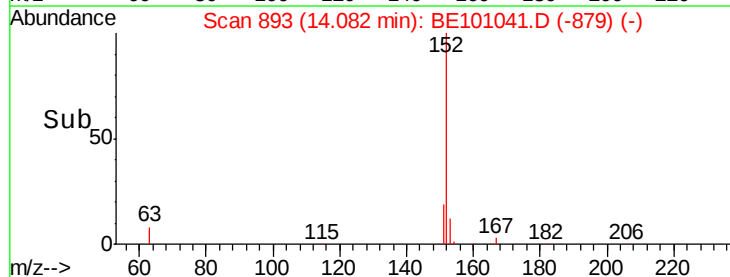
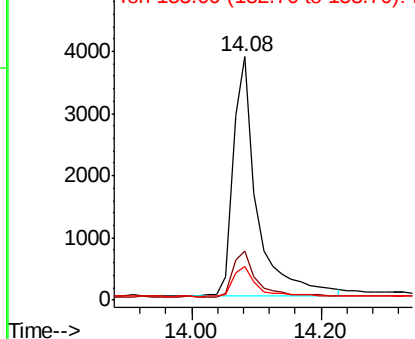


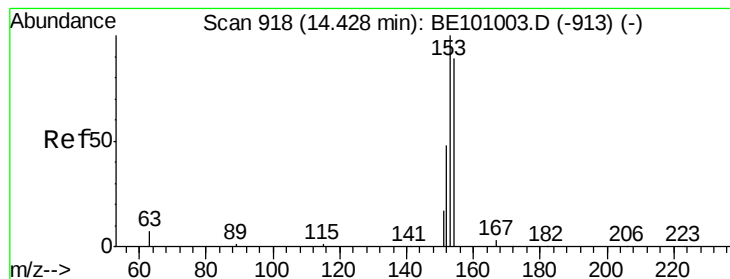
#16
Acenaphthylene
Concen: 0.303 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Tgt Ion:152 Resp: 9768
Ion Ratio Lower Upper
152 100
151 19.4 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: 0.372 ng

RT: 14.43 min Scan# 917

Delta R.T. -0.00 min

Lab File: BE101041.D

Acq: 13 Jan 2020 16:57

Instrument :

BNA_E

ClientSampleId :

PB125976BSD

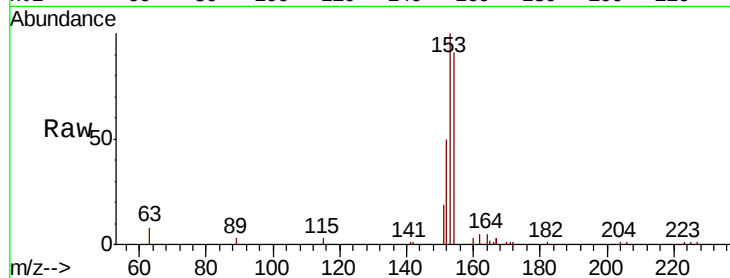
Tot Ion:154 Resp: 8565

Ion Ratio Lower Upper

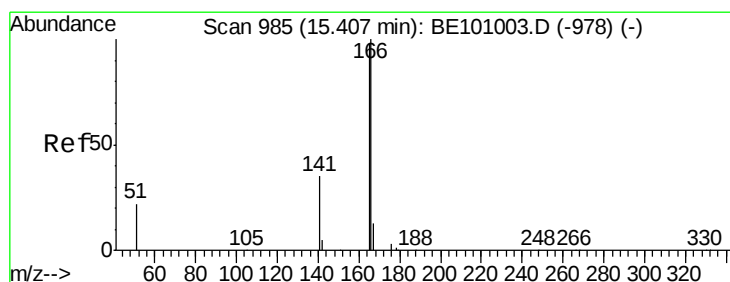
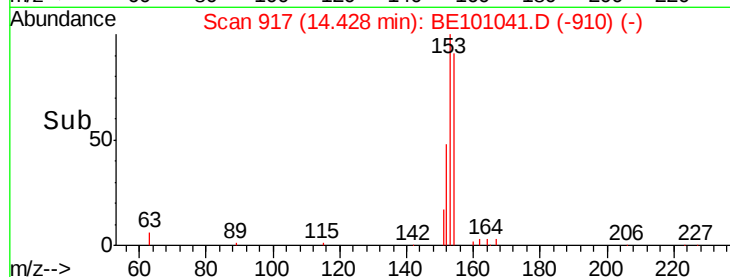
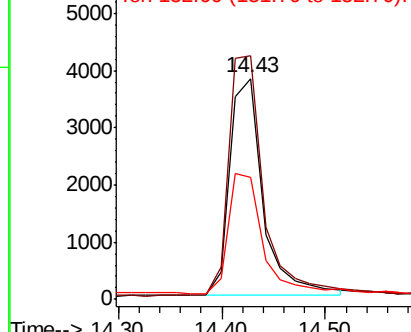
154 100

153 115.0 93.6 140.4

152 56.6 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: 0.371 ng

RT: 15.39 min Scan# 983

Delta R.T. -0.01 min

Lab File: BE101041.D

Acq: 13 Jan 2020 16:57

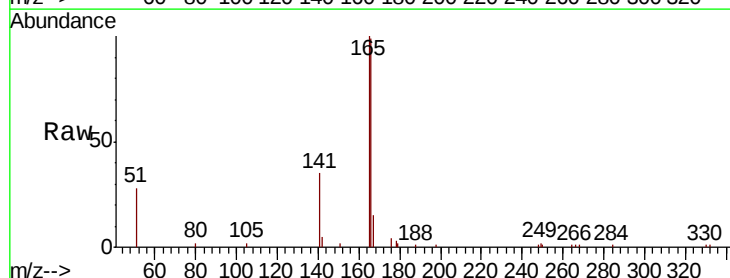
Tgt Ion:166 Resp: 10801

Ion Ratio Lower Upper

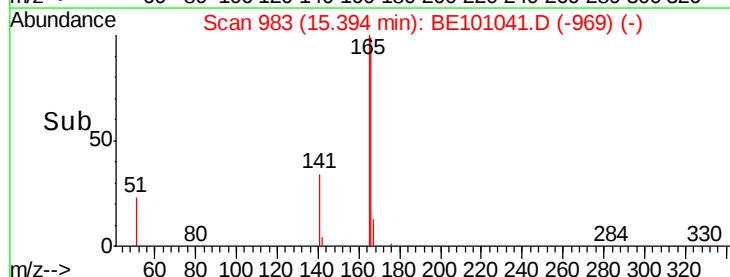
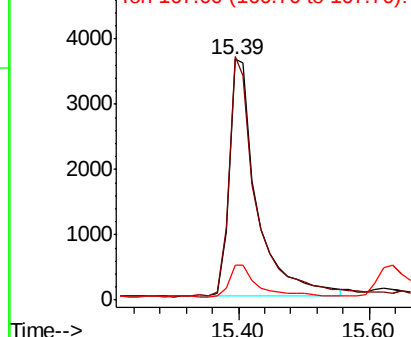
166 100

165 99.1 79.8 119.8

167 14.0 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: BE101041.D

Acq: 13 Jan 2020 16:57

Instrument :

BNA_E

ClientSampleId :

PB125976BSD

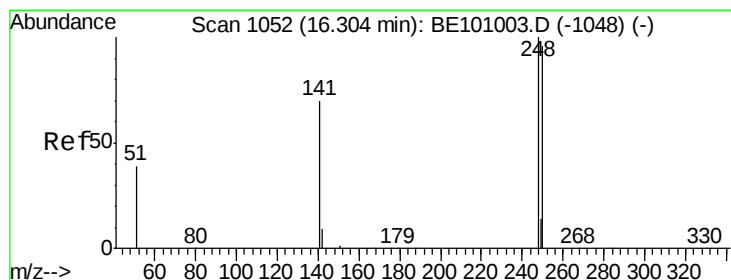
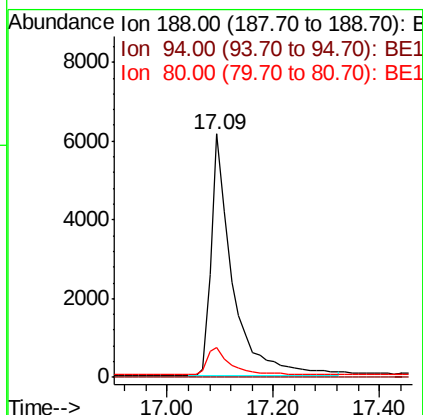
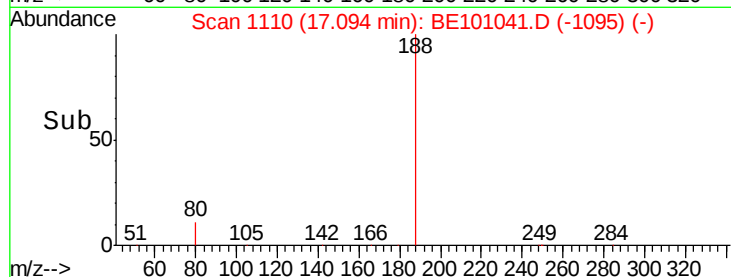
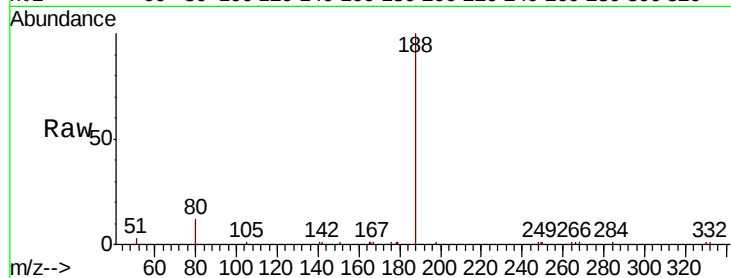
Tot Ion:188 Resp: 16952

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.4 10.8 16.2



#20

4-Bromophenyl-phenylether

Concen: 0.343 ng

RT: 16.30 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BE101041.D

Acq: 13 Jan 2020 16:57

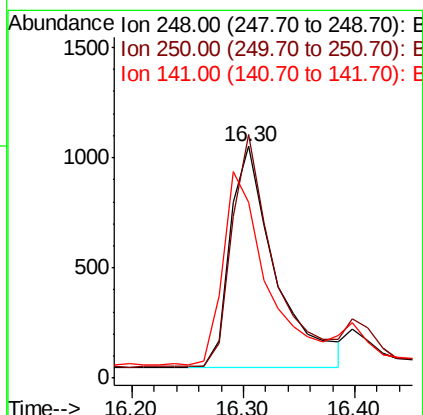
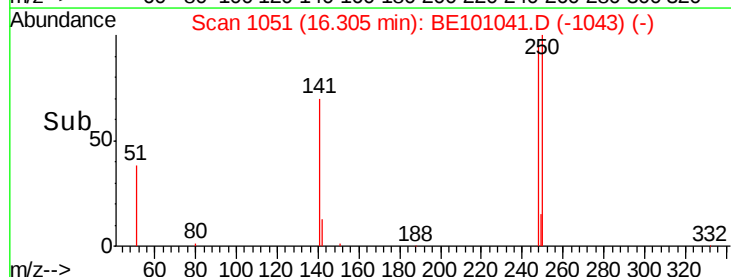
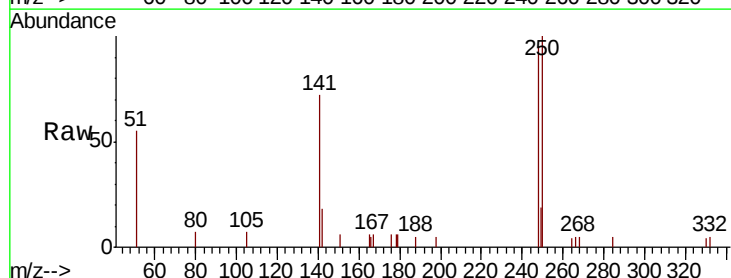
Tgt Ion:248 Resp: 2836

Ion Ratio Lower Upper

248 100

250 104.9 76.6 115.0

141 76.0 57.7 86.5





#21

Hexachlorobenzene

Concen: 0.371 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE101041.D

Acq: 13 Jan 2020 16:57

Instrument :

BNA_E

ClientSampleId :

PB125976BSD

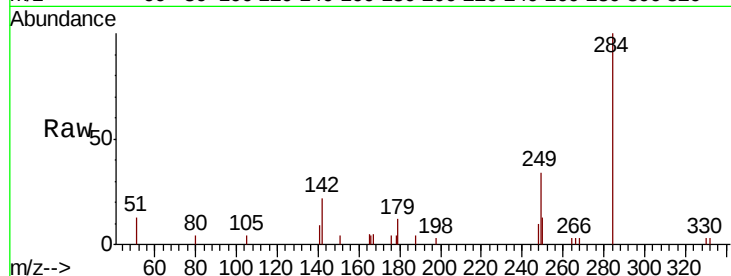
Tot Ion:284 Resp: 3366

Ion Ratio Lower Upper

284 100

142 41.4 34.0 51.0

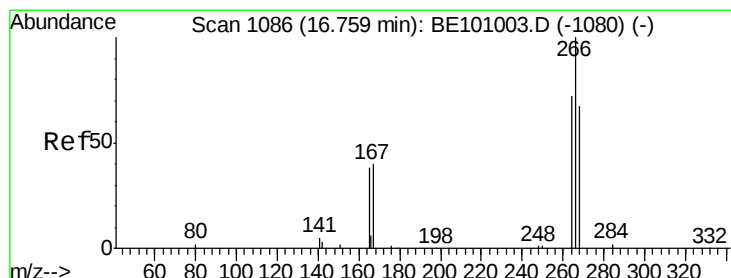
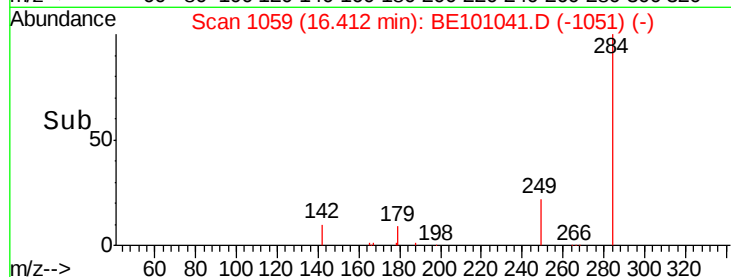
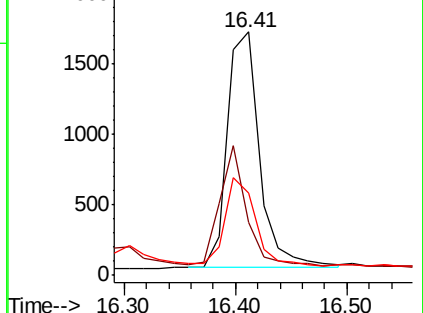
249 34.6 28.2 42.4



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: 0.562 ng

RT: 16.76 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BE101041.D

Acq: 13 Jan 2020 16:57

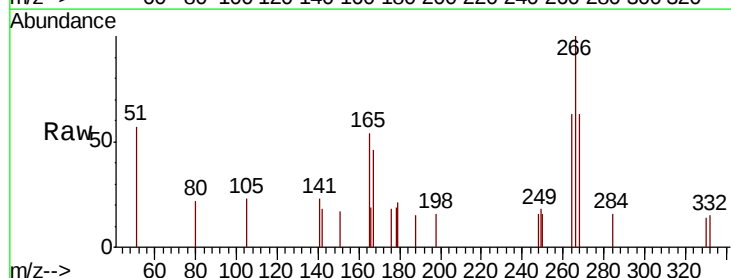
Tgt Ion:266 Resp: 991

Ion Ratio Lower Upper

266 100

264 62.9 61.0 91.4

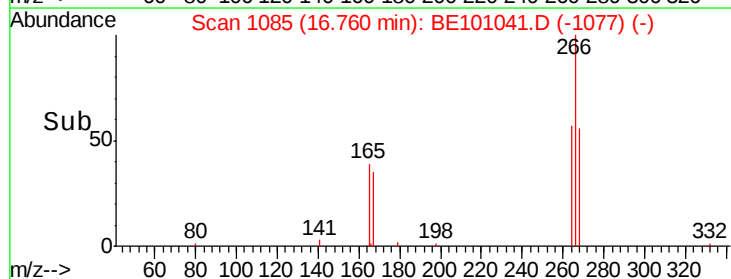
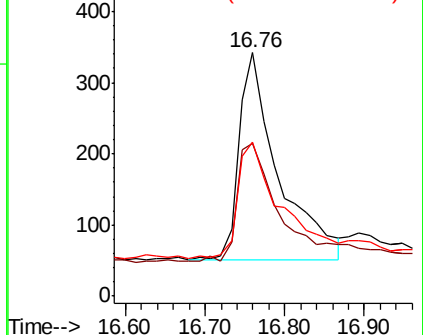
268 63.2 58.5 87.7



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: 0.374 ng

RT: 17.13 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE101041.D

Acq: 13 Jan 2020 16:57

Instrument :

BNA_E

ClientSampleId :

PB125976BSD

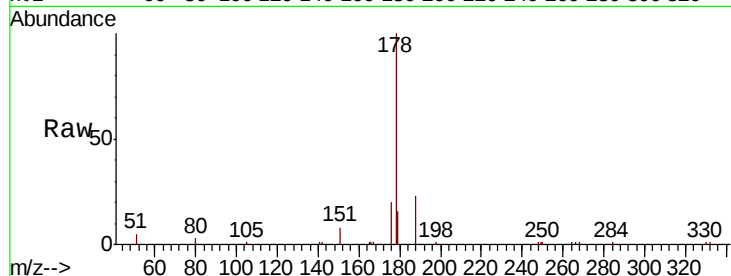
Tot Ion:178 Resp: 17296

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

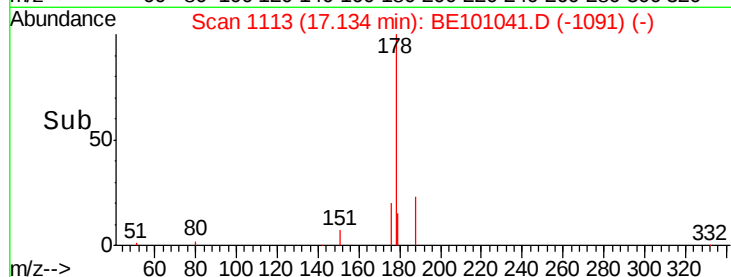
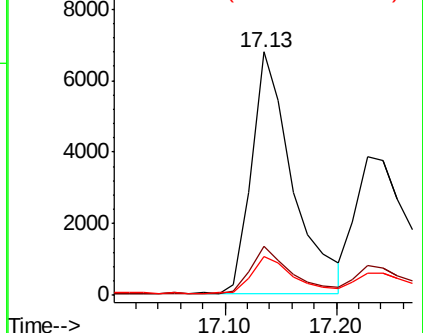
179 15.6 12.0 18.0



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: 0.346 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE101041.D

Acq: 13 Jan 2020 16:57

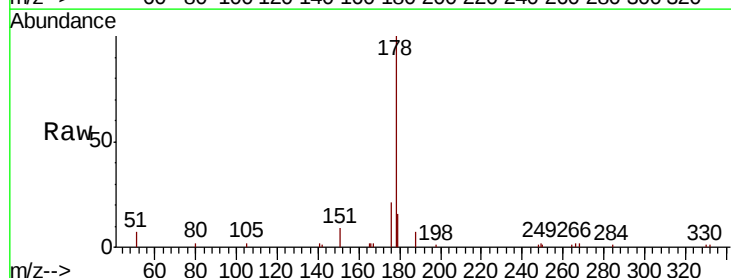
Tgt Ion:178 Resp: 15121

Ion Ratio Lower Upper

178 100

176 16.8 14.8 22.2

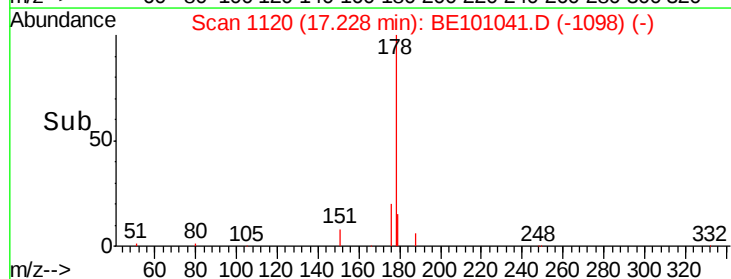
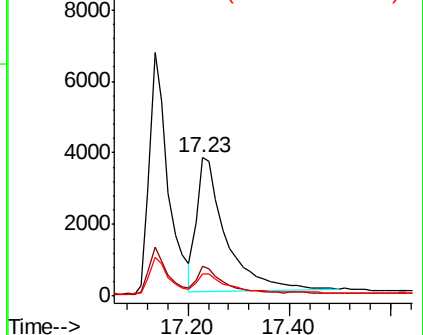
179 14.4 12.4 18.6

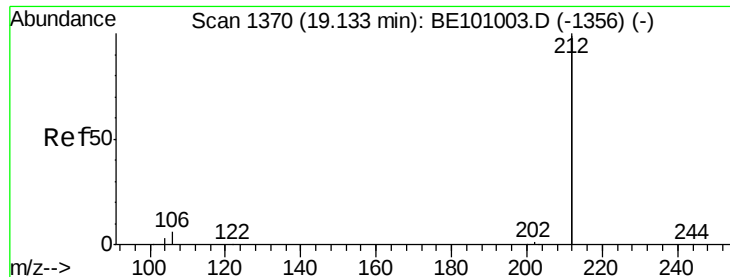


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.322 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BE101041.D

Acq: 13 Jan 2020 16:57

Instrument :

BNA_E

ClientSampleId :

PB125976BSD

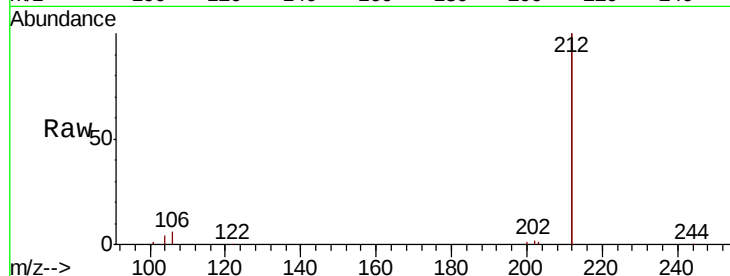
Tot Ion:212 Resp: 75799

Ion Ratio Lower Upper

212 100

106 3.2 2.6 3.8

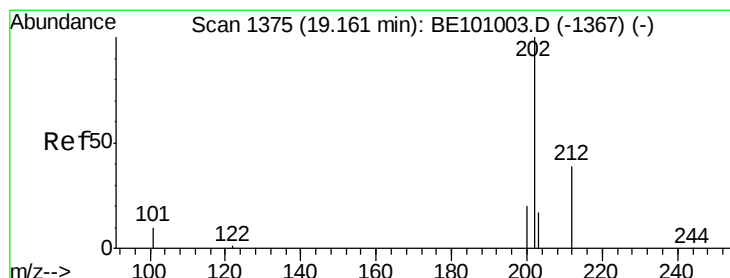
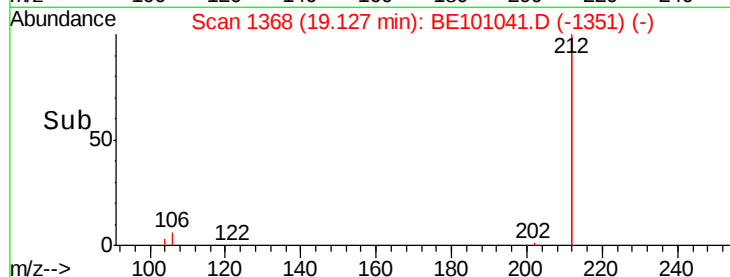
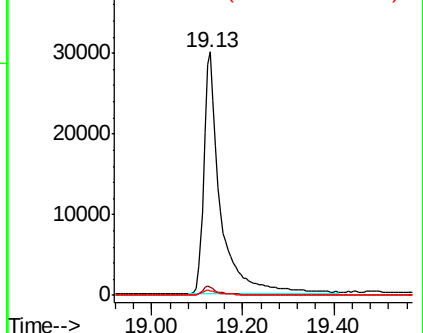
104 1.7 1.4 2.0



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: 0.354 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE101041.D

Acq: 13 Jan 2020 16:57

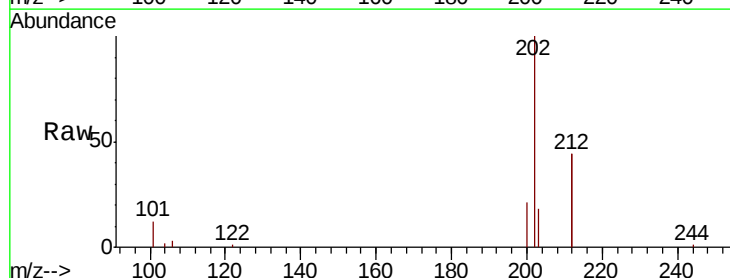
Tgt Ion:202 Resp: 20518

Ion Ratio Lower Upper

202 100

101 11.5 9.6 14.4

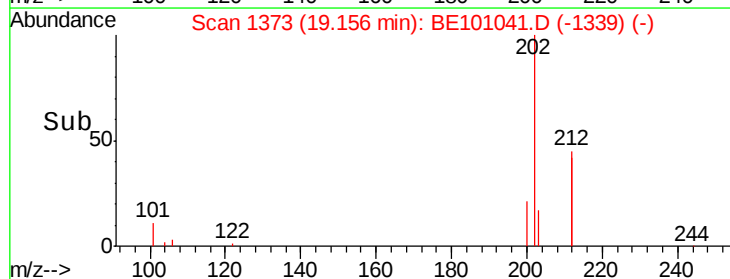
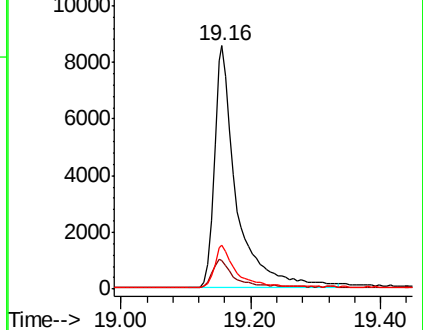
203 16.8 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE101041.D

Acq: 13 Jan 2020 16:57

Instrument :

BNA_E

ClientSampleId :

PB125976BSD

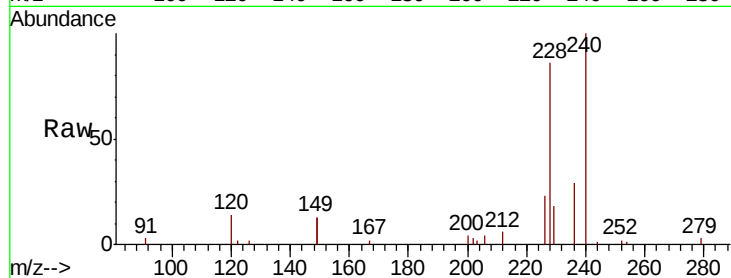
Tot Ion:240 Resp: 14835

Ion Ratio Lower Upper

240 100

120 13.6 8.6 13.0#

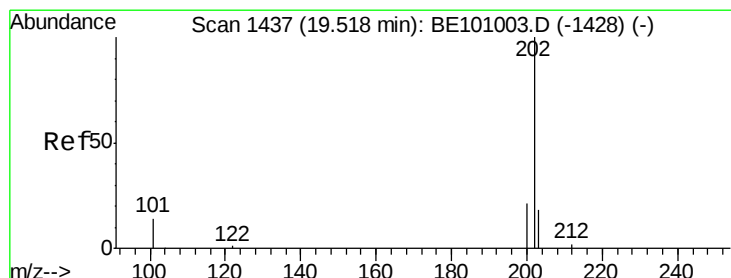
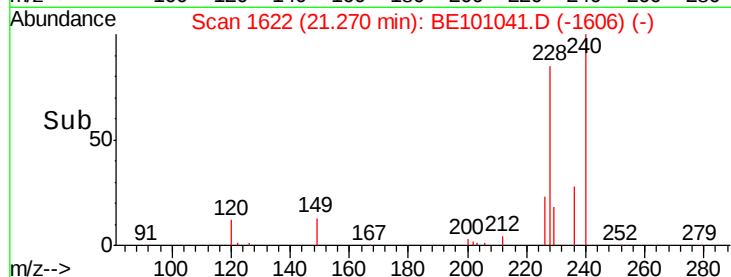
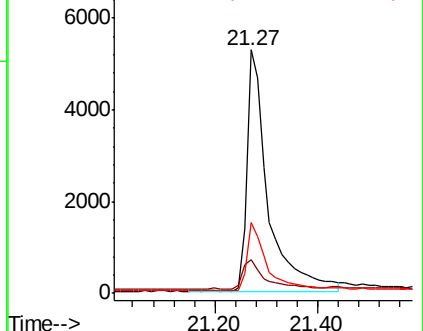
236 28.9 22.2 33.4



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: 0.375 ng

RT: 19.52 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BE101041.D

Acq: 13 Jan 2020 16:57

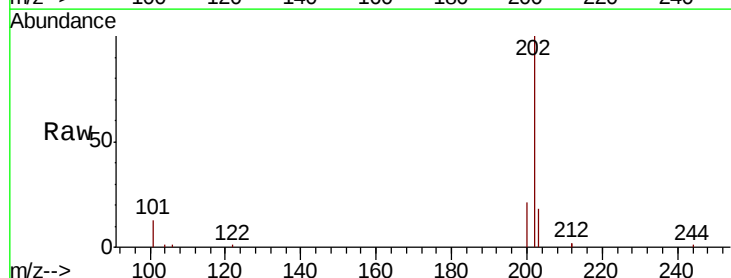
Tgt Ion:202 Resp: 20712

Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.4

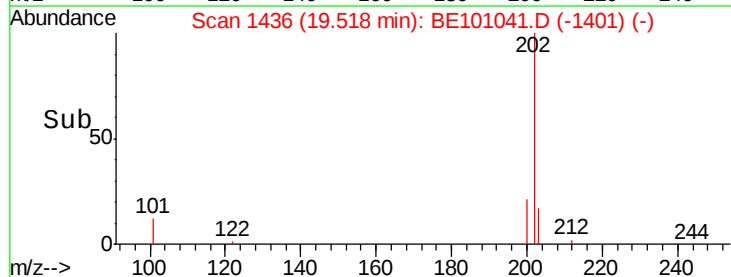
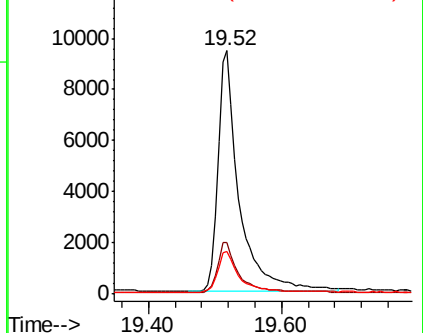
203 17.8 13.8 20.6



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: 0.416 ng

RT: 19.74 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BE101041.D

Acq: 13 Jan 2020 16:57

Instrument :

BNA_E

ClientSampleId :

PB125976BSD

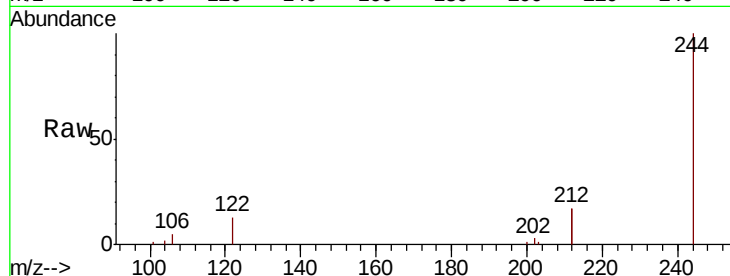
Tot Ion:244 Resp: 15159

Ion Ratio Lower Upper

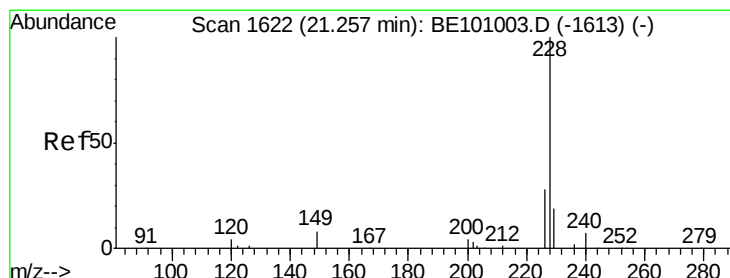
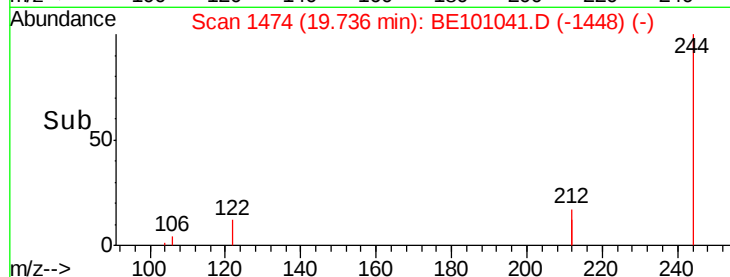
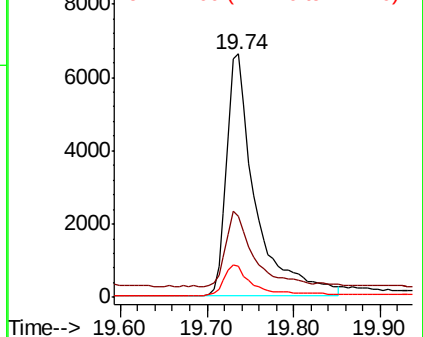
244 100

212 33.3 27.2 40.8

122 12.6 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: 0.295 ng

RT: 21.26 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BE101041.D

Acq: 13 Jan 2020 16:57

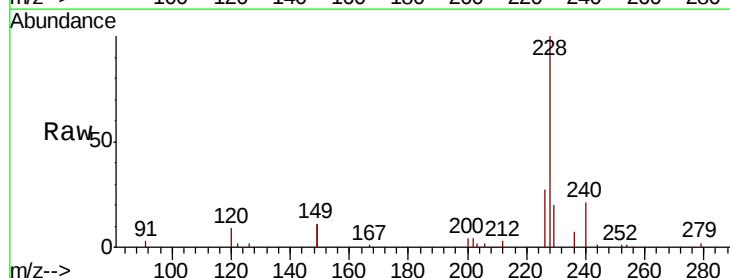
Tgt Ion:228 Resp: 12490

Ion Ratio Lower Upper

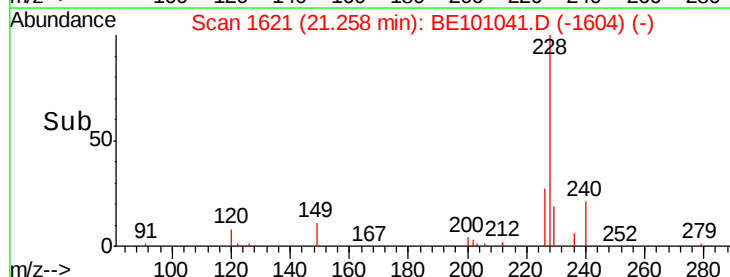
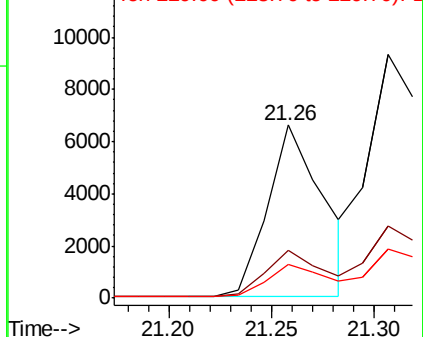
228 100

226 27.4 22.7 34.1

229 19.8 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: 0.429 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE101041.D

Acq: 13 Jan 2020 16:57

Instrument :

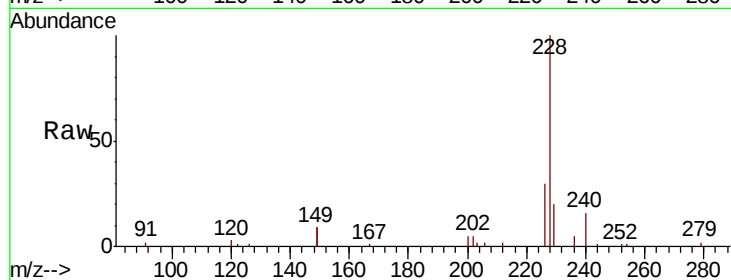
BNA_E

ClientSampleId :

PB125976BSD

Tot Ion:228 Resp: 26996

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.5	35.3
229	20.4	16.7	25.1

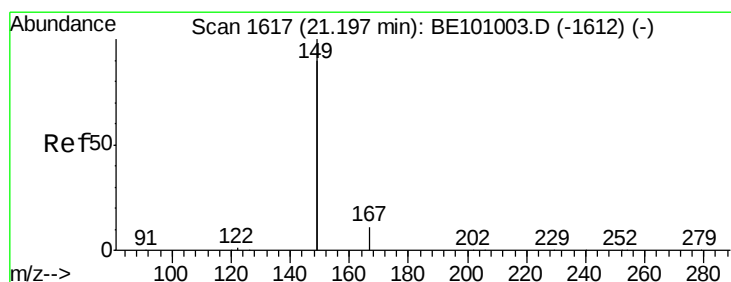
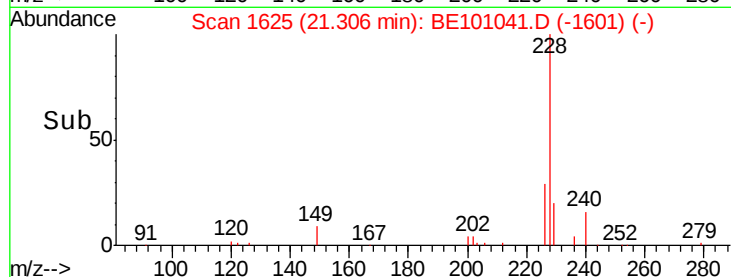
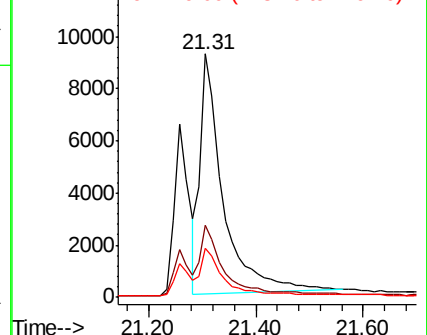


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.348 ng

RT: 21.20 min Scan# 1616

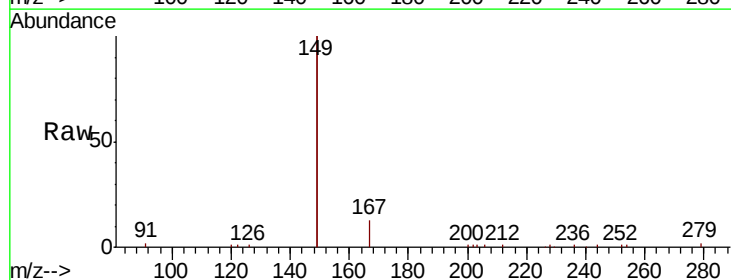
Delta R.T. 0.00 min

Lab File: BE101041.D

Acq: 13 Jan 2020 16:57

Tgt Ion:149 Resp: 24581

Ion	Ratio	Lower	Upper
149	100		
167	6.2	5.2	7.8
279	1.0	0.8	1.2

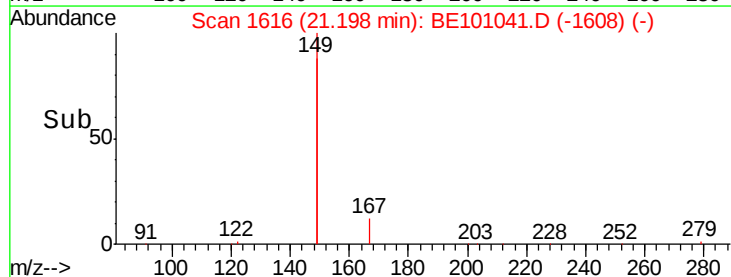
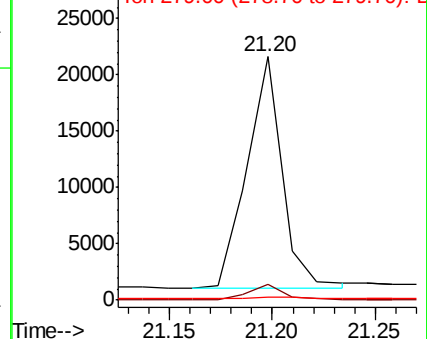


Abundance

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: 0.369 ng

RT: 26.24 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BE101041.D

Acq: 13 Jan 2020 16:57

Instrument :

BNA_E

ClientSampleId :

PB125976BSD

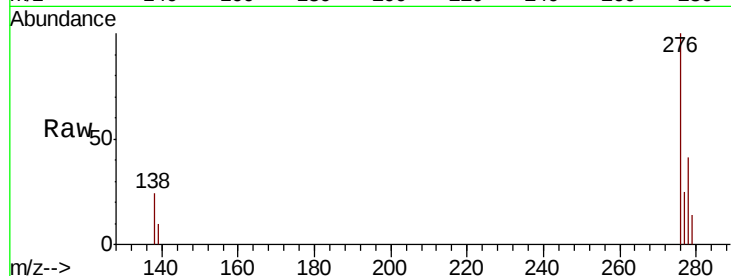
Tot Ion:276 Resp: 18365

Ion Ratio Lower Upper

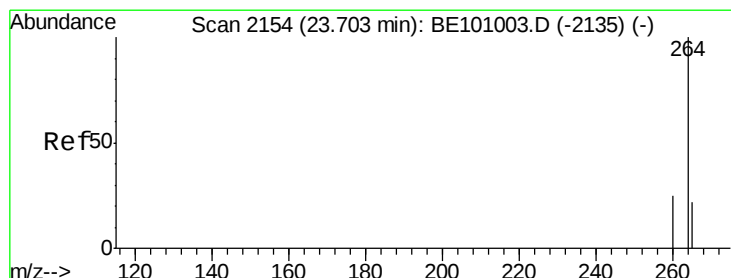
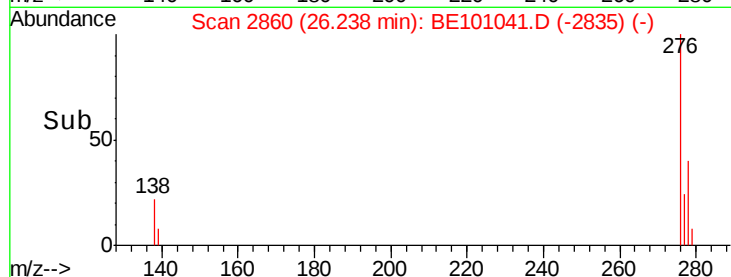
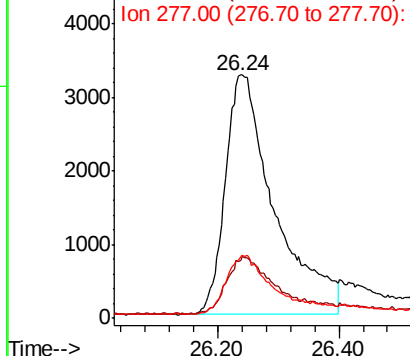
276 100

138 21.7 16.1 24.1

277 23.6 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.69 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BE101041.D

Acq: 13 Jan 2020 16:57

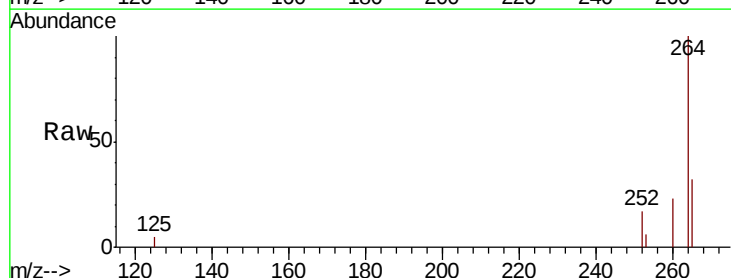
Tgt Ion:264 Resp: 15716

Ion Ratio Lower Upper

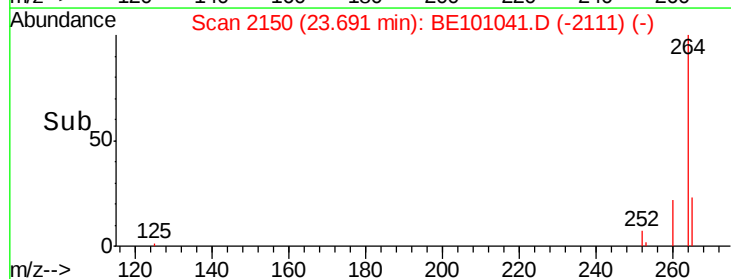
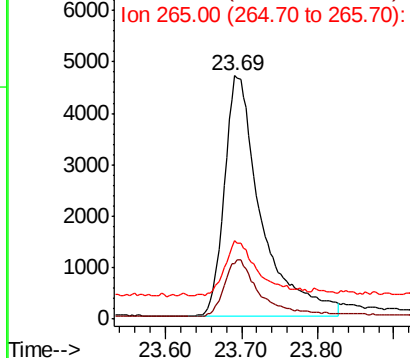
264 100

260 22.7 20.3 30.5

265 32.1 27.0 40.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

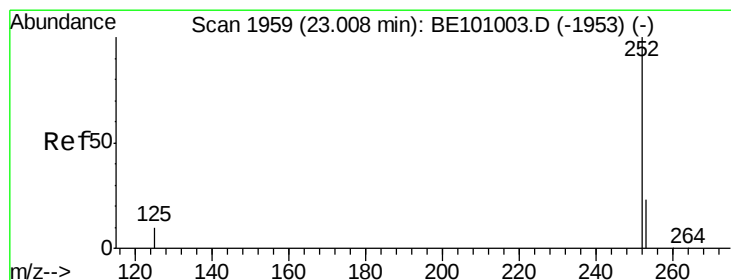
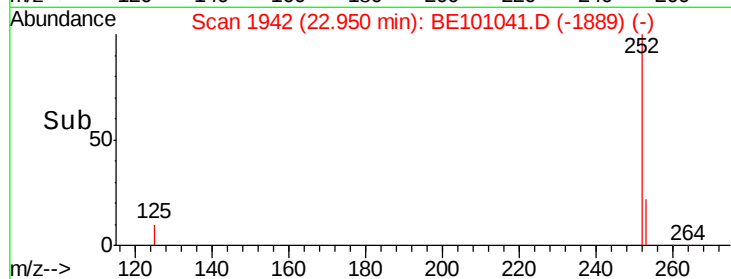
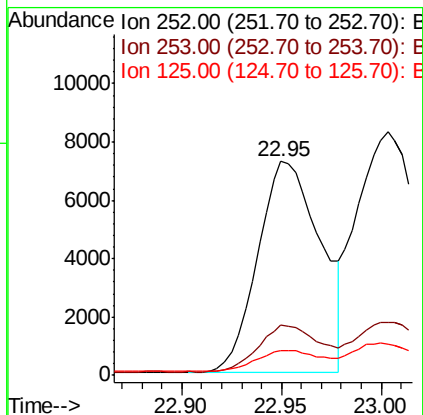
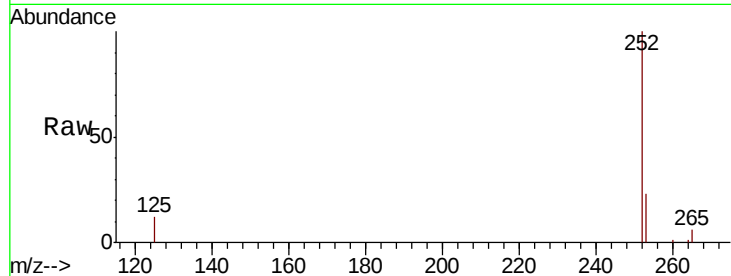




#35
Benzo(b)fluoranthene
Concen: 0.359 ng
RT: 22.95 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

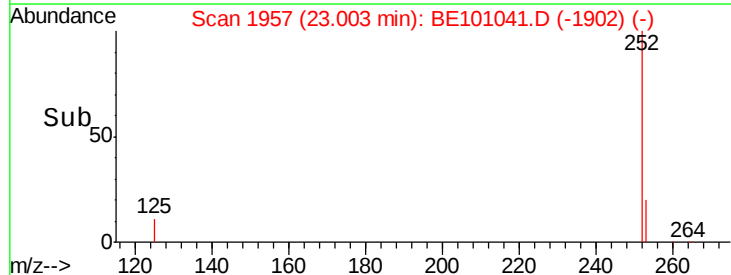
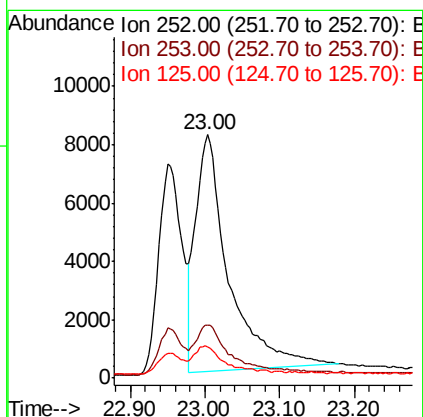
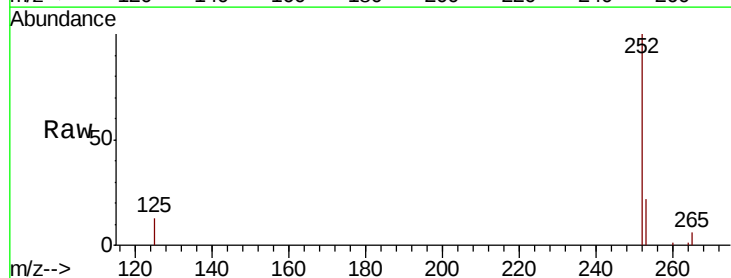
Instrument :
BNA_E
ClientSampleId :
PB125976BSD

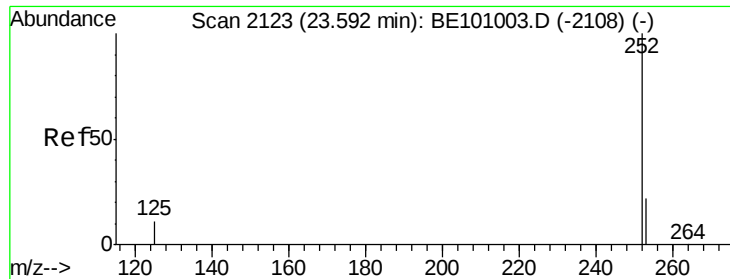
Tot Ion:252 Resp: 15814
Ion Ratio Lower Upper
252 100
253 23.3 18.5 27.7
125 11.9 9.5 14.3



#36
Benzo(k)fluoranthene
Concen: 0.390 ng
RT: 23.00 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Tgt Ion:252 Resp: 24910
Ion Ratio Lower Upper
252 100
253 21.6 18.9 28.3
125 12.8 10.1 15.1





#37

Benzo(a)pyrene

Concen: 0.377 ng

RT: 23.59 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BE101041.D

Acq: 13 Jan 2020 16:57

Instrument :

BNA_E

ClientSampleId :

PB125976BSD

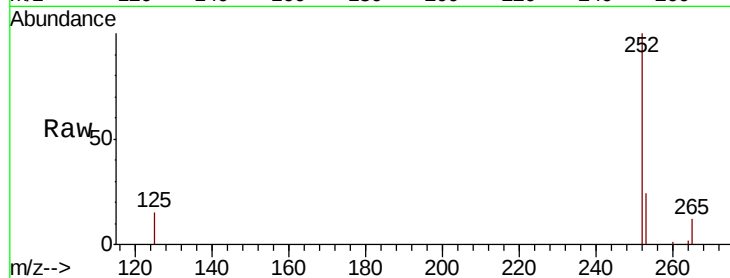
Tot Ion:252 Resp: 16093

Ion Ratio Lower Upper

252 100

253 23.6 19.4 29.2

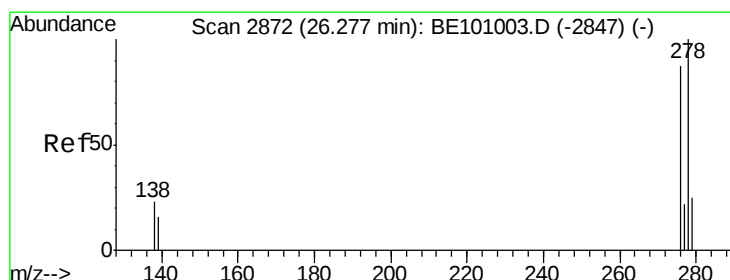
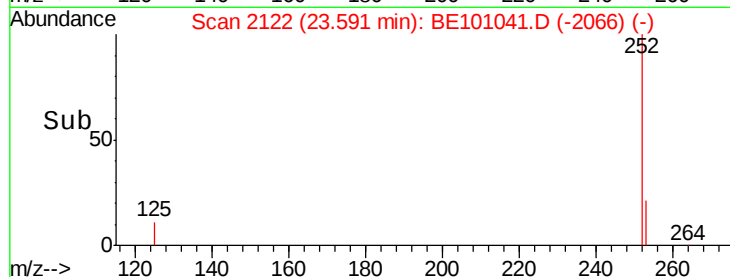
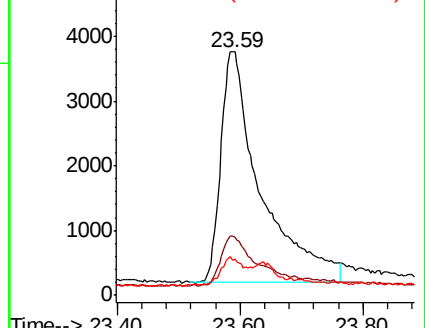
125 14.7 11.8 17.6



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: 0.329 ng

RT: 26.27 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BE101041.D

Acq: 13 Jan 2020 16:57

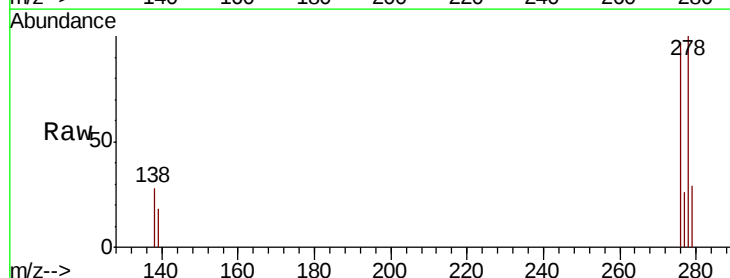
Tgt Ion:278 Resp: 12916

Ion Ratio Lower Upper

278 100

139 18.1 15.0 22.4

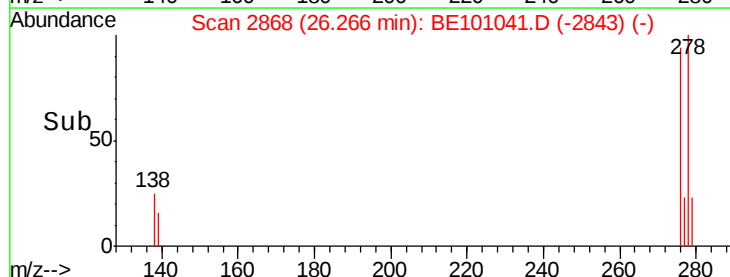
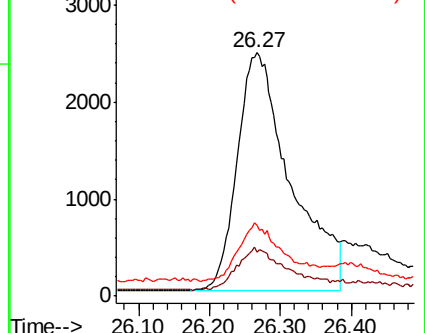
279 29.2 22.6 33.8



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: 0.399 ng

RT: 27.01 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BE101041.D

Acq: 13 Jan 2020 16:57

Instrument :

BNA_E

ClientSampleId :

PB125976BSD

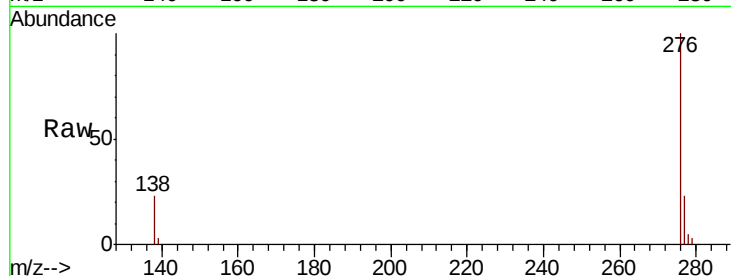
Tot Ion:276 Resp: 19244

Ion Ratio Lower Upper

276 100

277 23.3 19.4 29.2

138 22.8 17.9 26.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

