

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122619\
 Data File : BE100975.D
 Acq On : 26 Dec 2019 16:56
 Operator : JU
 Sample : PB125683BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 27 01:08:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 14:28:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	3187	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	16169	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	9843	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	22297	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	20231	0.40	ng	0.00
34) Perylene-d12	23.72	264	27285	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	1933	0.36	ng	-0.01
5) Phenol-d6	6.95	99	2166	0.39	ng	-0.03
8) Nitrobenzene-d5	8.90	82	2336	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	12.12	152	10103	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	622	0.41	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	14835	0.42	ng	0.00
25) Fluoranthene-d10	19.14	212	100799	0.37	ng	0.00
29) Terphenyl-d14	19.75	244	20425	0.44	ng	-0.01

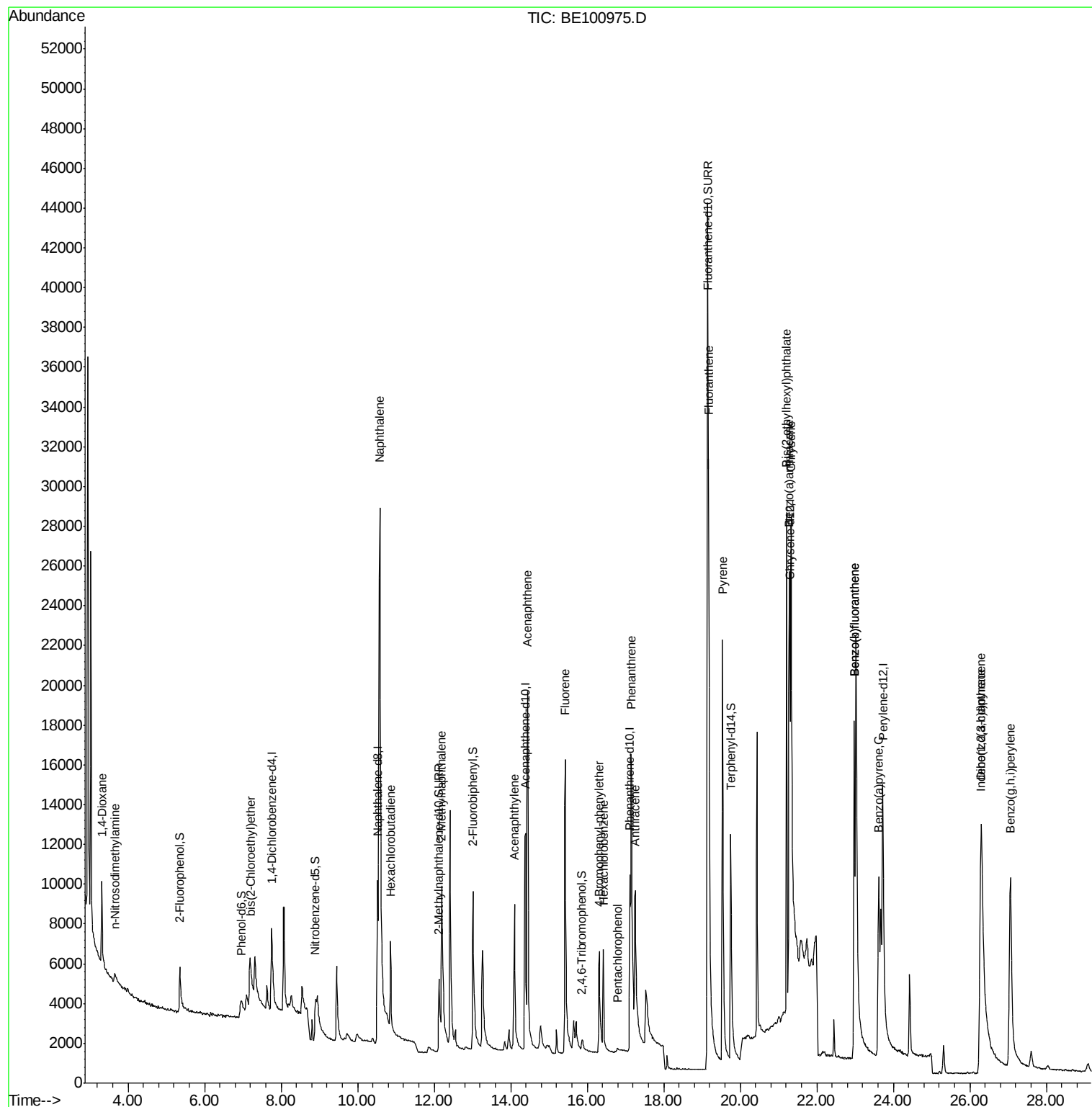
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	4121	0.401	ng	97
3) n-Nitrosodimethylamine	3.65	42	793	0.508	ng	# 1
6) bis(2-Chloroethyl)ether	7.19	93	3269	0.284	ng	81
9) Naphthalene	10.57	128	74335	0.432	ng	100
10) Hexachlorobutadiene	10.86	225	3199	0.421	ng	98
12) 2-Methylnaphthalene	12.19	142	10081	0.387	ng	97
16) Acenaphthylene	14.10	152	12237	0.333	ng	99
17) Acenaphthene	14.44	154	11672	0.437	ng	99
18) Fluorene	15.42	166	14480	0.435	ng	98
20) 4-Bromophenyl-phenylether	16.32	248	3778	0.386	ng	91
21) Hexachlorobenzene	16.43	284	4502	0.389	ng	98
22) Pentachlorophenol	16.79	266	292	0.309	ng	94
23) Phenanthrene	17.15	178	23826	0.415	ng	99
24) Anthracene	17.26	178	13119	0.226	ng	97
26) Fluoranthene	19.17	202	29761	0.380	ng	99
28) Pyrene	19.54	202	30527	0.431	ng	100
30) Benzo(a)anthracene	21.28	228	21090	0.426	ng	99
31) Chrysene	21.33	228	26519	0.288	ng	99
32) Bis(2-ethylhexyl)phthalate	21.21	149	31831	0.362	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.28	276	30102	0.434	ng	# 89
35) Benzo(b)fluoranthene	22.98	252	26988	0.470	ng	98
36) Benzo(k)fluoranthene	22.98	252	26988	0.248	ng	96
37) Benzo(a)pyrene	23.62	252	28226	0.421	ng	99
38) Dibenzo(a,h)anthracene	26.31	278	25450	0.419	ng	95
39) Benzo(g,h,i)perylene	27.06	276	29734	0.415	ng	98

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

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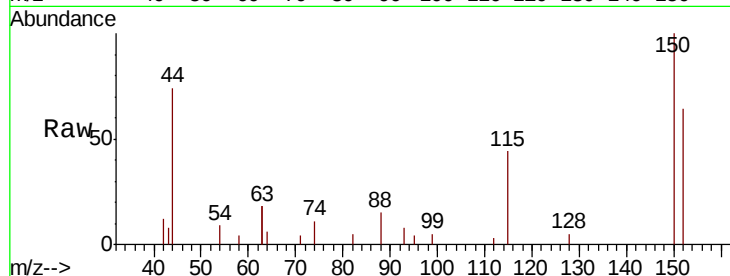


#1

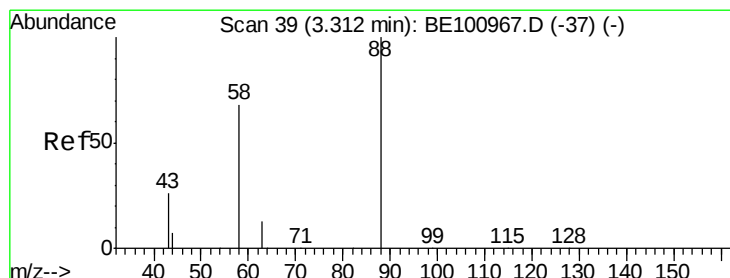
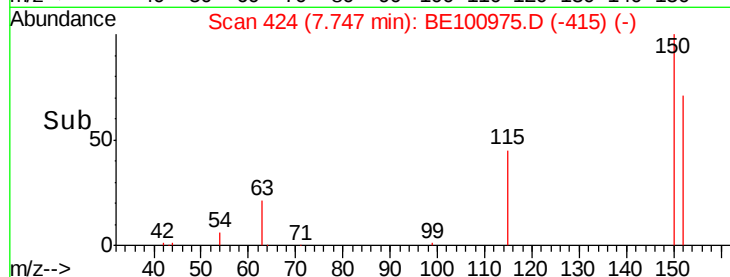
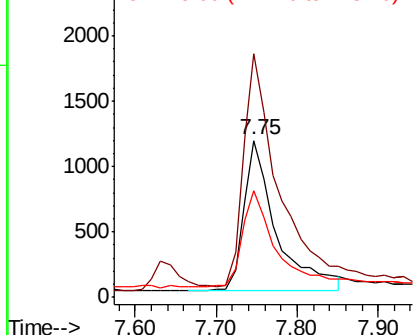
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 3187
Ion Ratio Lower Upper
152 100
150 155.4 132.6 199.0
115 68.4 64.1 96.1



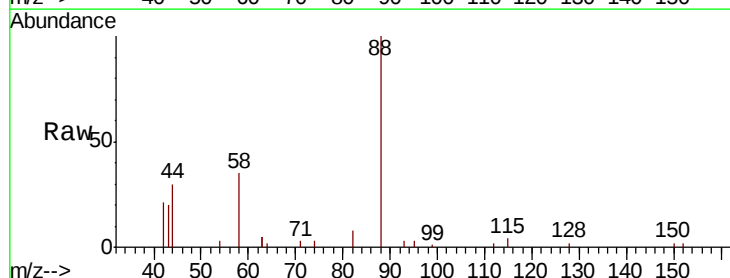
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



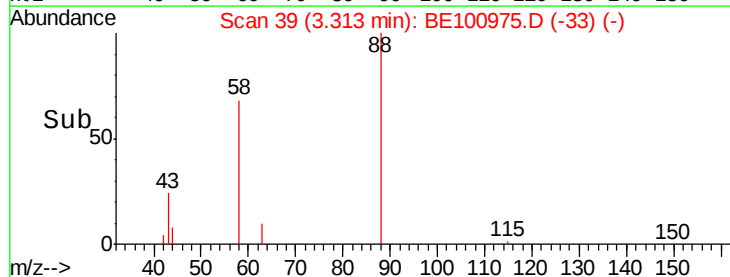
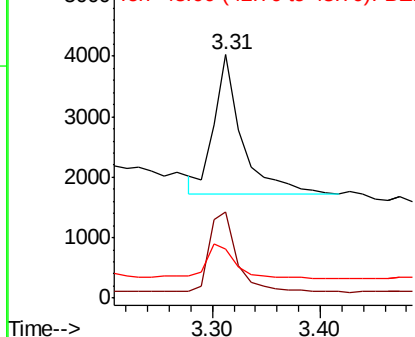
#2

1,4-Dioxane
Concen: 0.401 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Tgt Ion: 88 Resp: 4121
Ion Ratio Lower Upper
88 100
58 58.4 44.2 66.4
43 27.1 21.0 31.6



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: 0.508 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.02 min

Lab File: BE100975.D

Acq: 26 Dec 2019 16:56

Instrument :

BNA_E

ClientSampled :

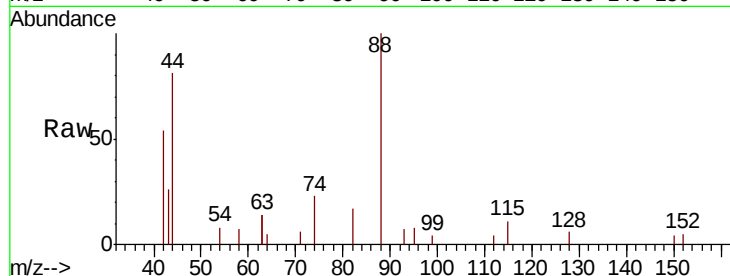
Tot Ion: 42 Resp: 793

Ion Ratio Lower Upper

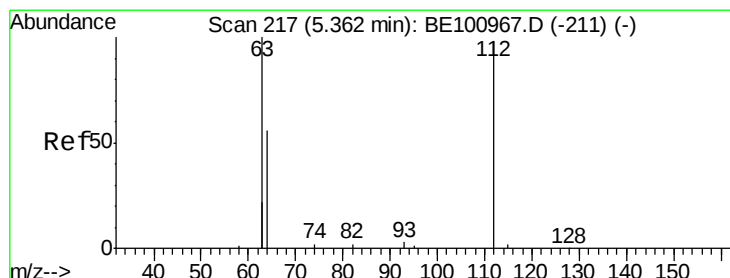
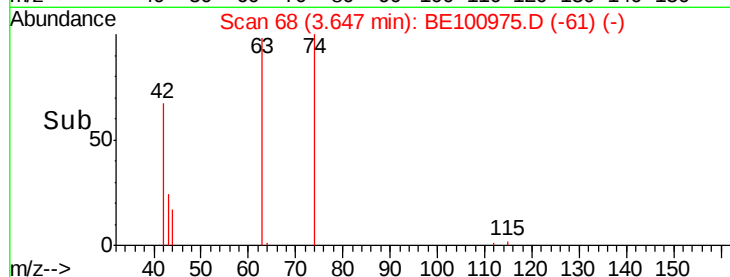
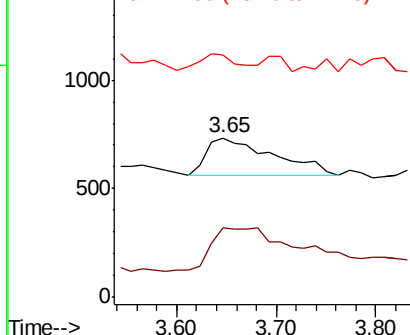
42 100

74 0.0 116.6 174.8#

44 24.1 0.0 0.0#



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: 0.359 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.01 min

Lab File: BE100975.D

Acq: 26 Dec 2019 16:56

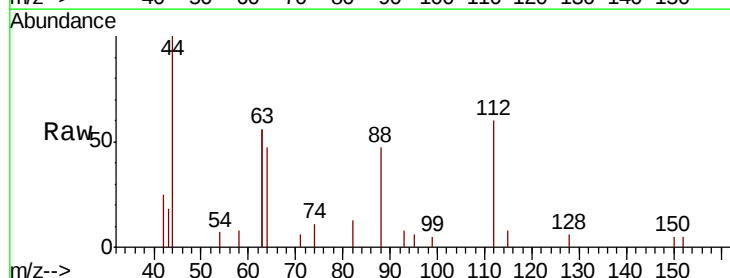
Tgt Ion: 112 Resp: 1933

Ion Ratio Lower Upper

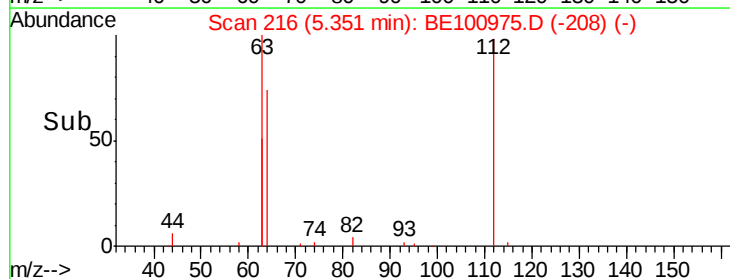
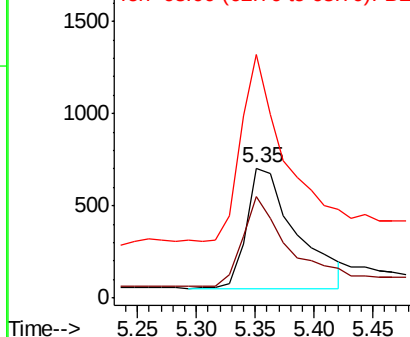
112 100

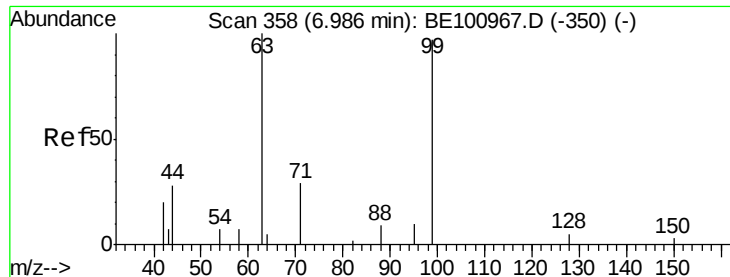
64 69.2 59.0 88.6

63 142.6 121.4 182.0



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: 0.389 ng

RT: 6.95 min Scan# 355

Delta R.T. -0.03 min

Lab File: BE100975.D

Acq: 26 Dec 2019 16:56

Instrument :

BNA_E

ClientSampled :

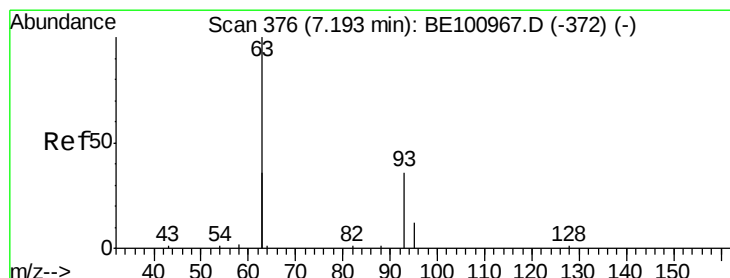
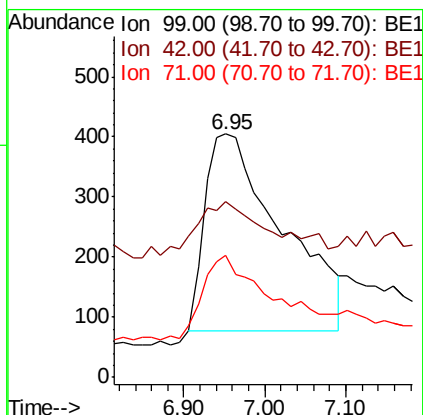
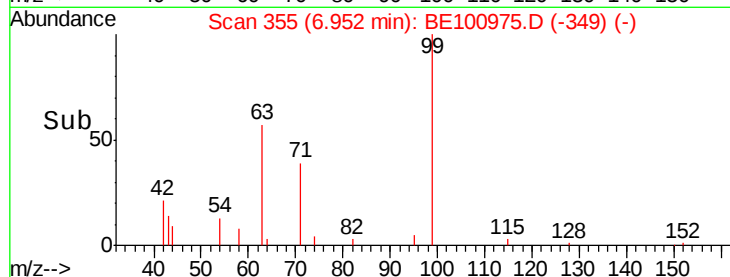
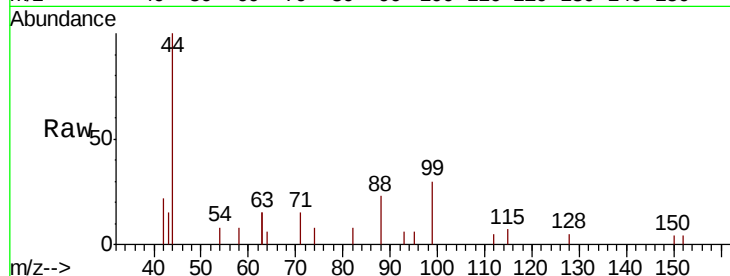
Tot Ion: 99 Resp: 2166

Ion Ratio Lower Upper

99 100

42 19.1 0.0 0.0#

71 28.1 0.0 0.0#



#6

bis(2-Chloroethyl)ether

Concen: 0.284 ng

RT: 7.19 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE100975.D

Acq: 26 Dec 2019 16:56

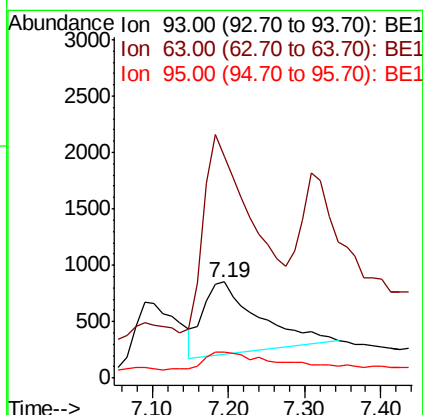
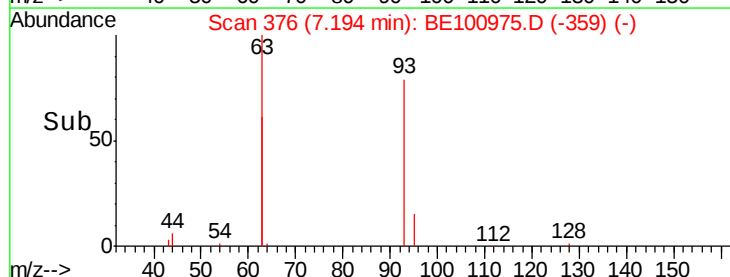
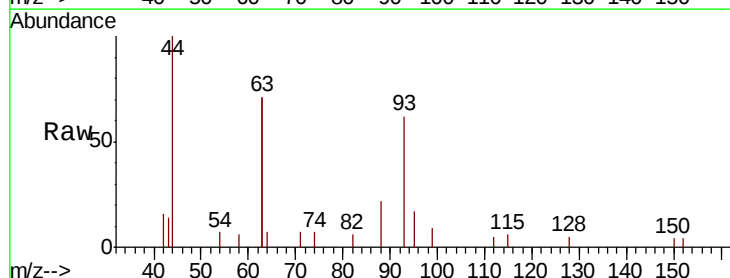
Tgt Ion: 93 Resp: 3269

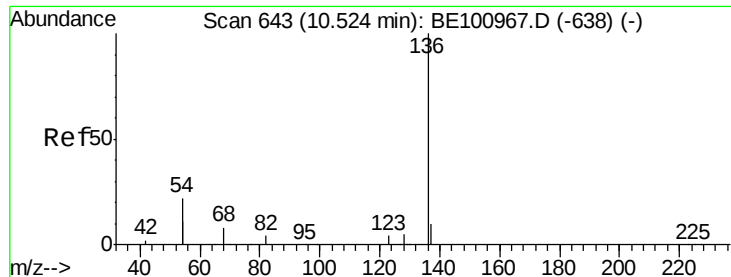
Ion Ratio Lower Upper

93 100

63 245.9 228.3 342.5

95 29.8 25.9 38.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 643

Delta R.T. -0.00 min

Lab File: BE100975.D

Acq: 26 Dec 2019 16:56

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 16169

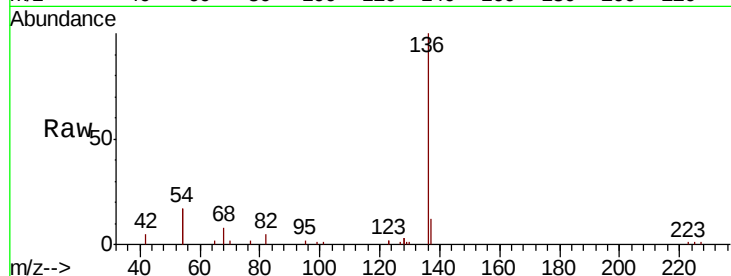
Ion Ratio Lower Upper

136 100

137 12.2 9.0 13.6

54 34.9 34.4 51.6

68 8.0 7.8 11.6

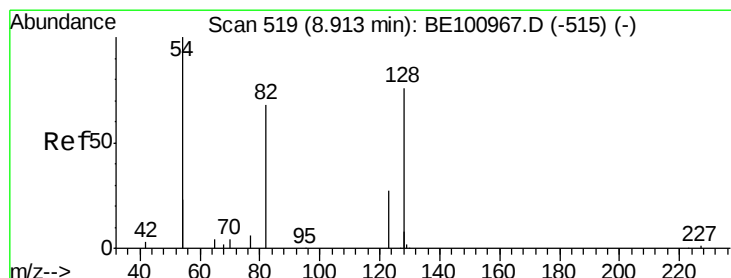
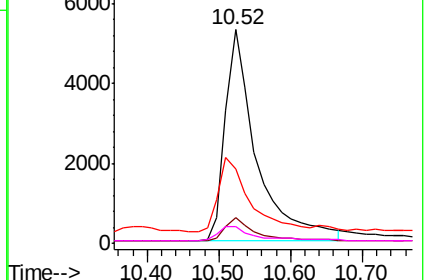
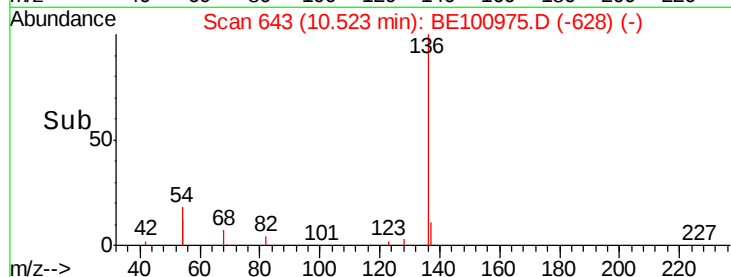


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.403 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100975.D

Acq: 26 Dec 2019 16:56

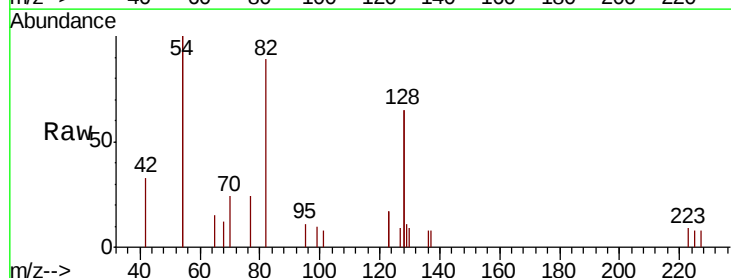
Tgt Ion: 82 Resp: 2336

Ion Ratio Lower Upper

82 100

128 146.8 140.2 210.2

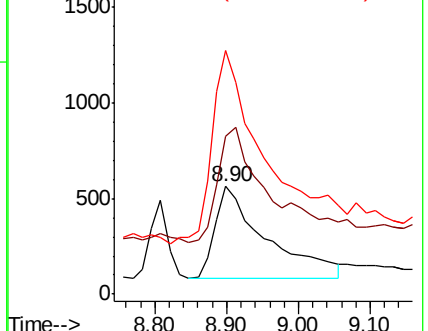
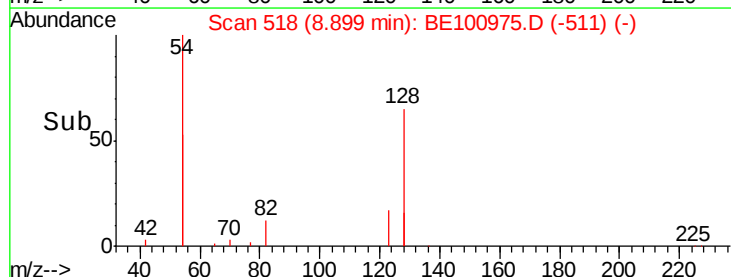
54 225.9 183.8 275.6

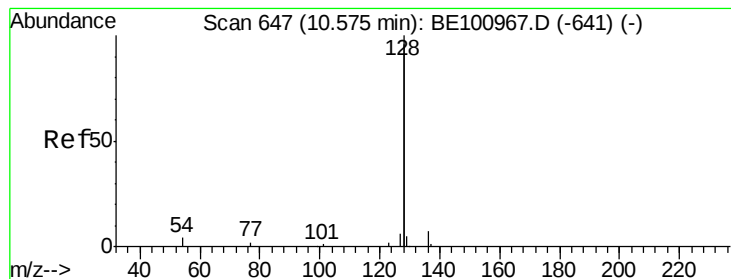


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.432 ng

RT: 10.57 min Scan# 647

Delta R.T. -0.00 min

Lab File: BE100975.D

Acq: 26 Dec 2019 16:56

Instrument :

BNA_E

ClientSampleId :

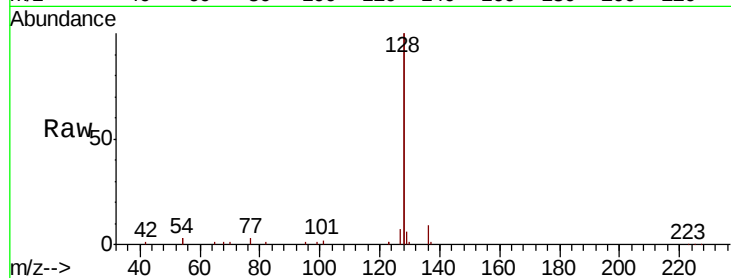
Tot Ion:128 Resp: 74335

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

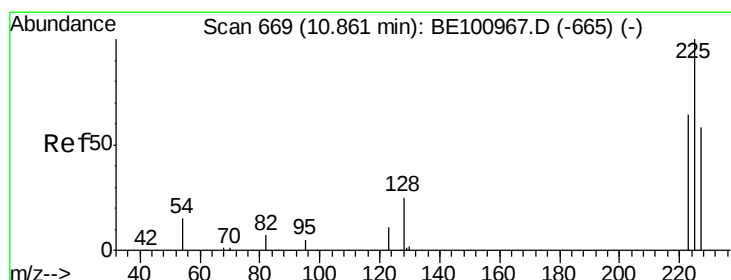
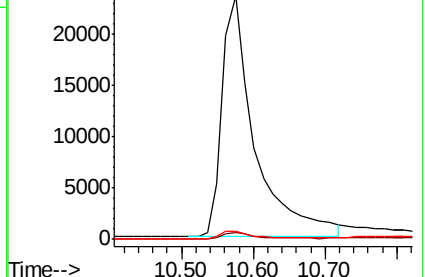
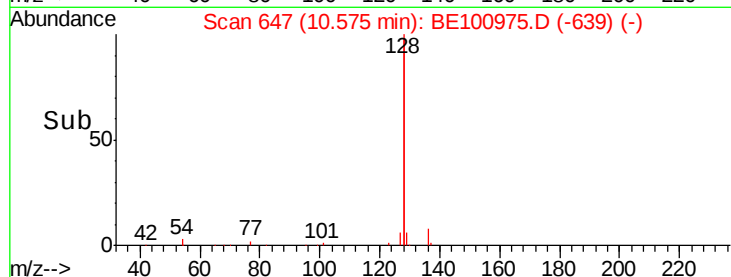
127 3.4 2.8 4.2



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: 0.421 ng

RT: 10.86 min Scan# 669

Delta R.T. -0.00 min

Lab File: BE100975.D

Acq: 26 Dec 2019 16:56

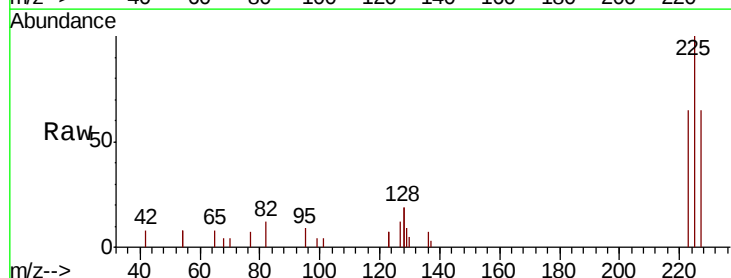
Tgt Ion:225 Resp: 3199

Ion Ratio Lower Upper

225 100

223 62.4 51.4 77.0

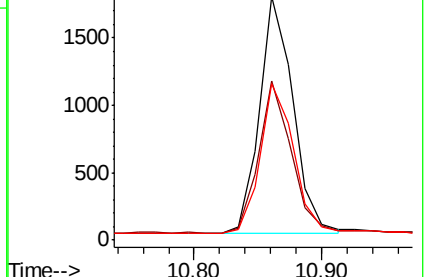
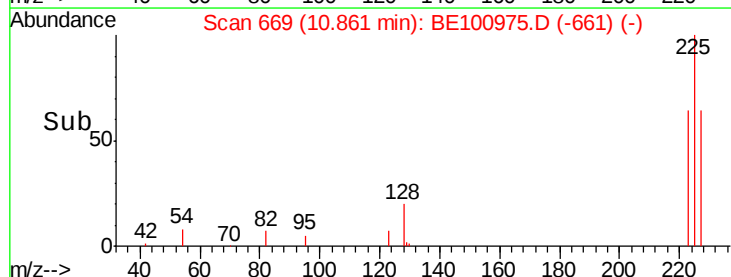
227 63.3 50.2 75.2

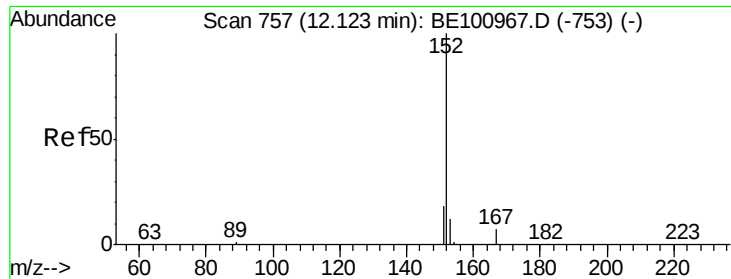


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

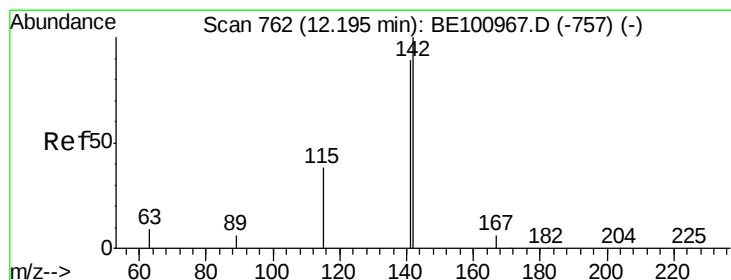
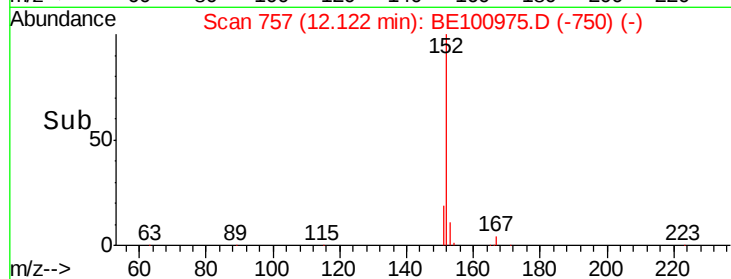
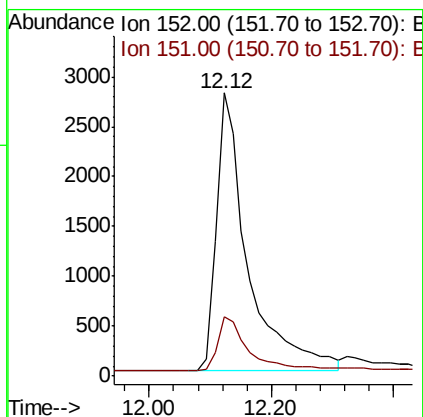
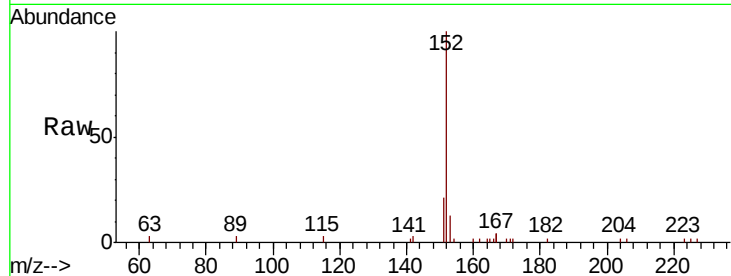




#11
 2-Methylnaphthalene-d10
 Concen: 0.425 ng
 RT: 12.12 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BE100975.D
 Acq: 26 Dec 2019 16:56

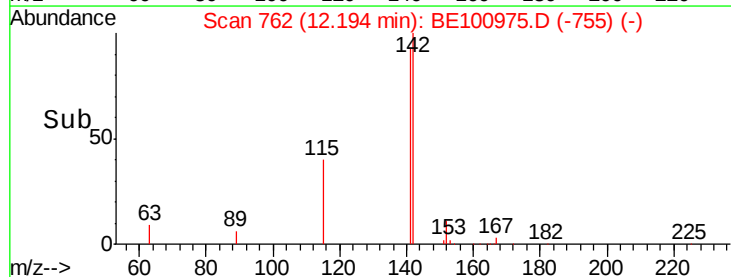
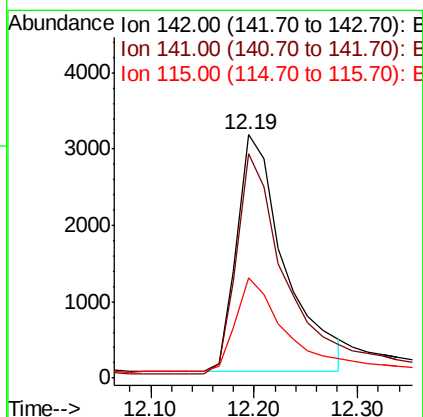
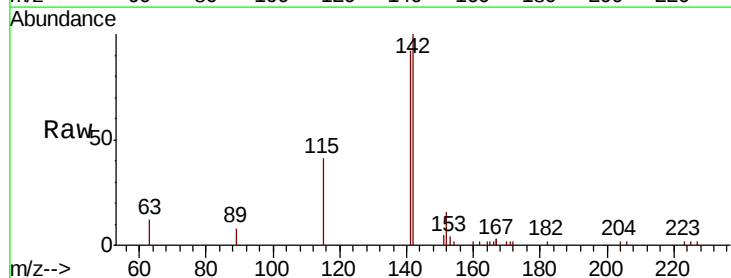
Instrument :
 BNA_E
 ClientSampleId :

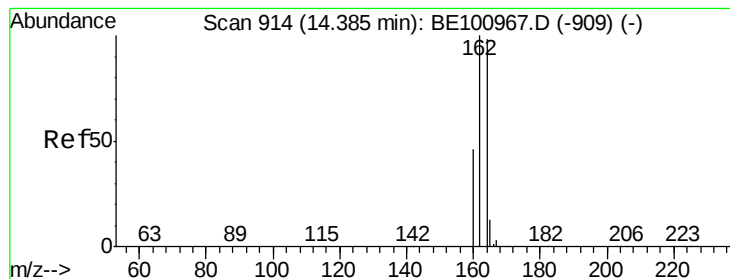
Tot Ion:152 Resp: 10103
 Ion Ratio Lower Upper
 152 100
 151 20.0 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.387 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE100975.D
 Acq: 26 Dec 2019 16:56

Tgt Ion:142 Resp: 10081
 Ion Ratio Lower Upper
 142 100
 141 92.4 70.8 106.2
 115 41.2 32.0 48.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 914

Delta R.T. -0.00 min

Lab File: BE100975.D

Acq: 26 Dec 2019 16:56

Instrument :

BNA_E

ClientSampled :

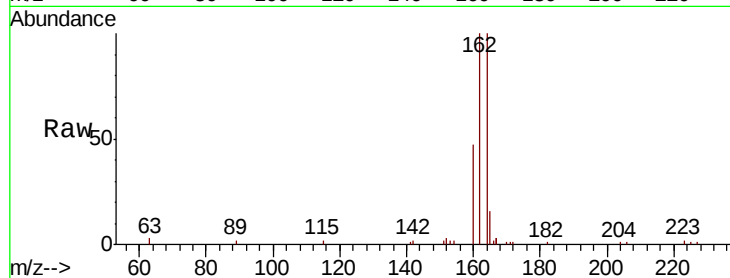
Tot Ion:164 Resp: 9843

Ion Ratio Lower Upper

164 100

162 99.5 81.6 122.4

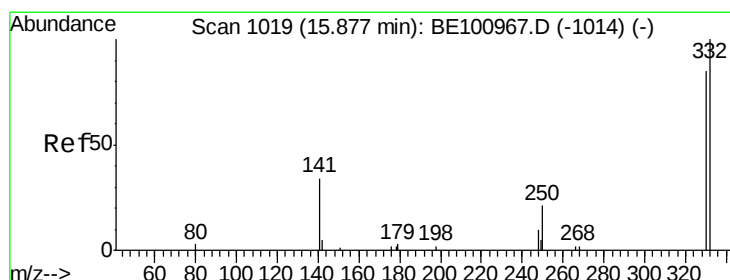
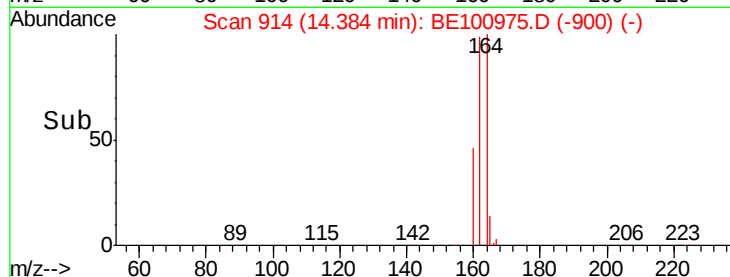
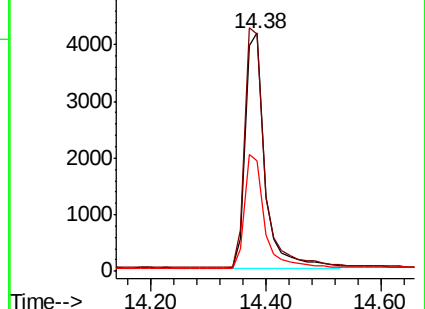
160 46.6 37.7 56.5



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: 0.408 ng

RT: 15.86 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE100975.D

Acq: 26 Dec 2019 16:56

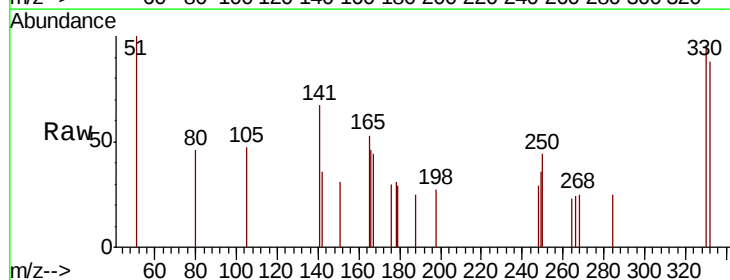
Tgt Ion:330 Resp: 622

Ion Ratio Lower Upper

330 100

332 99.2 72.4 108.6

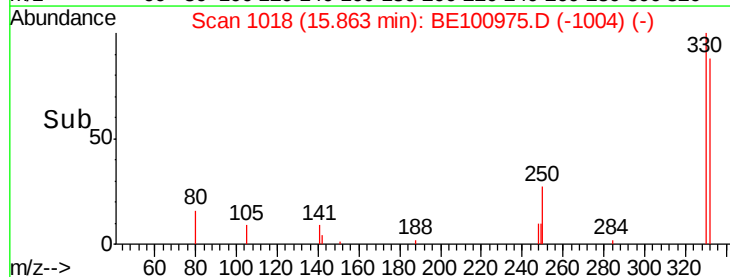
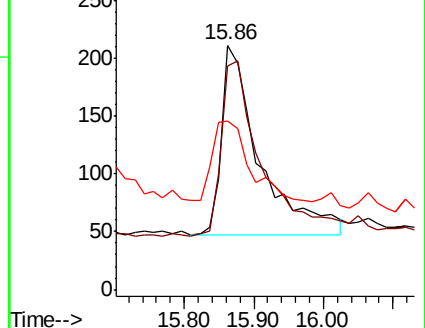
141 43.4 25.4 38.2#

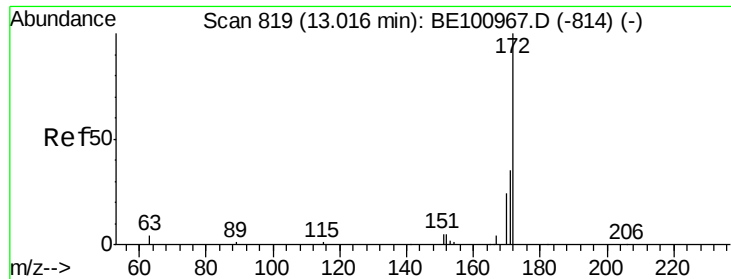


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

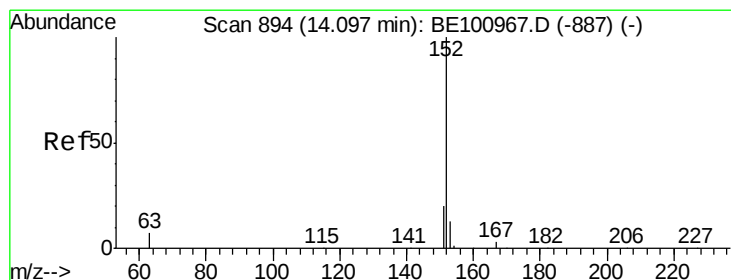
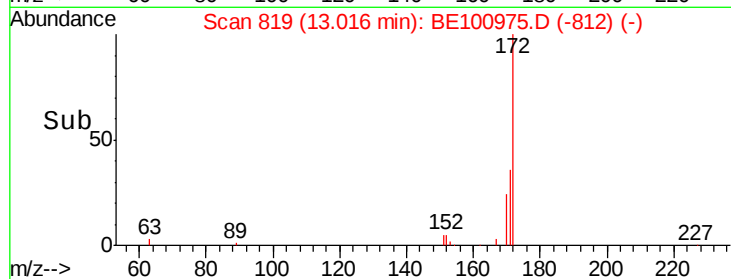
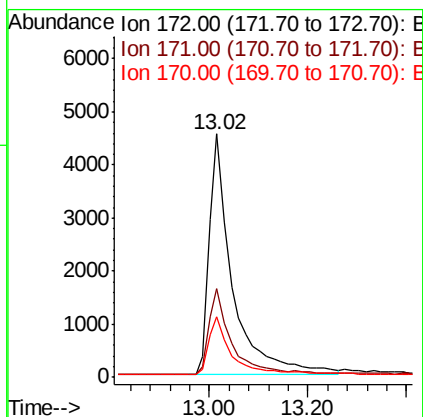
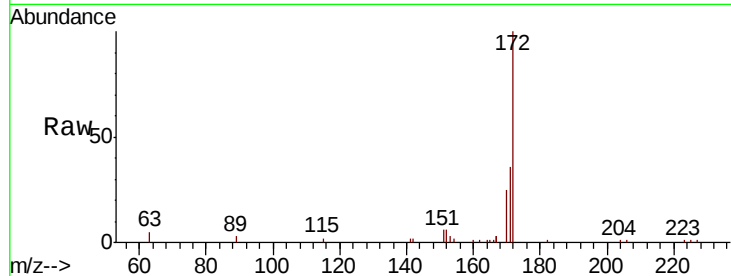




#15
2-Fluorobiphenyl
Concen: 0.424 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

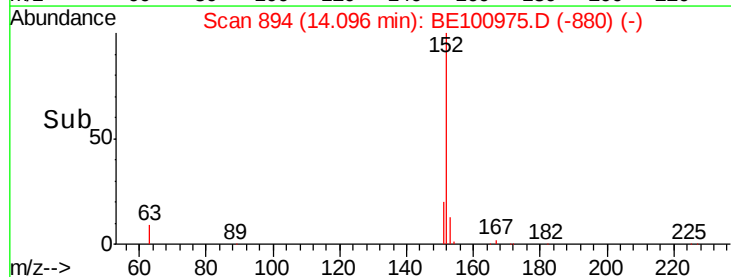
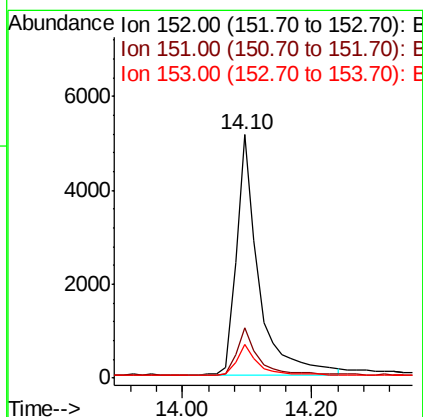
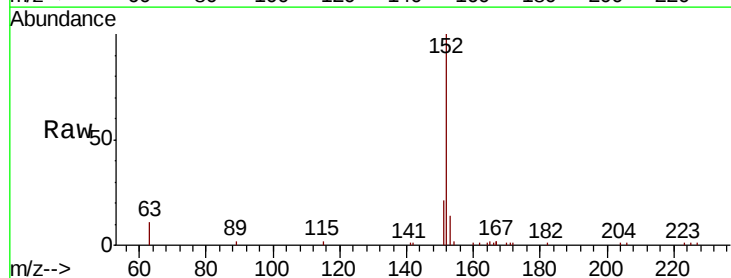
Instrument :
BNA_E
ClientSampleId :

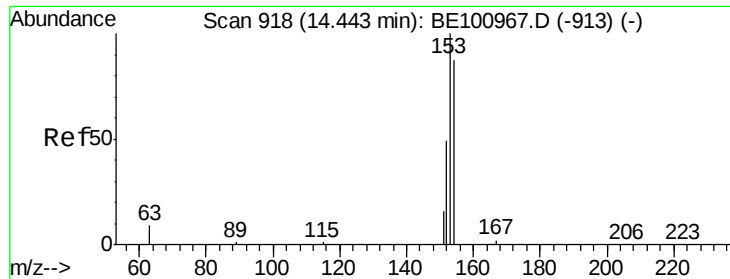
Tot Ion:172 Resp: 14835
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.6
170 24.6 20.0 30.0



#16
Acenaphthylene
Concen: 0.333 ng
RT: 14.10 min Scan# 894
Delta R.T. -0.00 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Tgt Ion:152 Resp: 12237
Ion Ratio Lower Upper
152 100
151 19.4 15.5 23.3
153 12.6 10.5 15.7

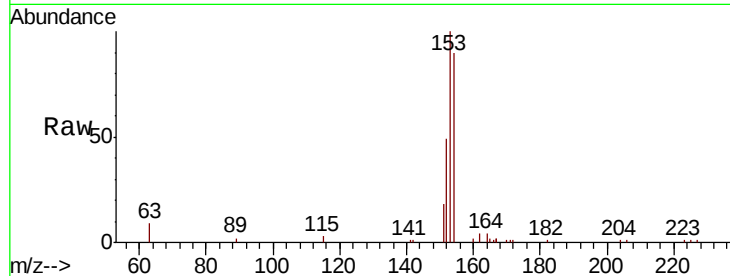




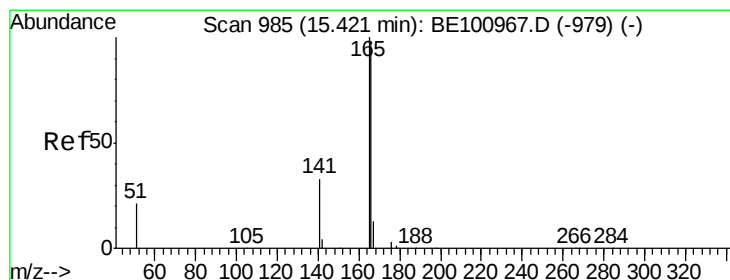
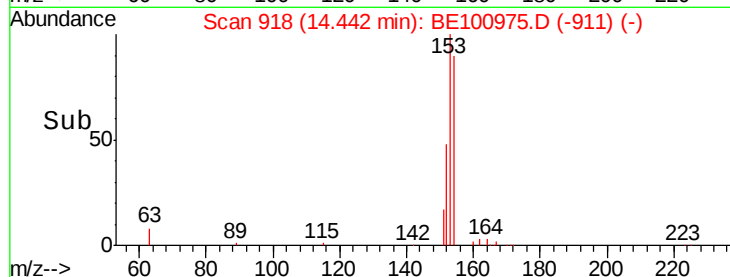
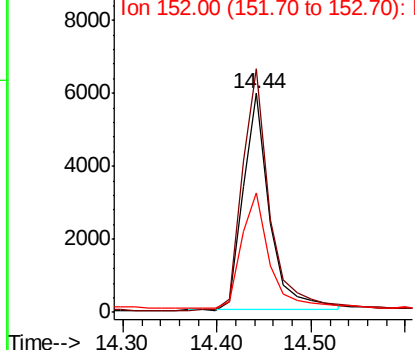
#17
Acenaphthene
Concen: 0.437 ng
RT: 14.44 min Scan# 918
Delta R.T. -0.00 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 11672
Ion Ratio Lower Upper
154 100
153 114.2 91.7 137.5
152 55.0 44.5 66.7

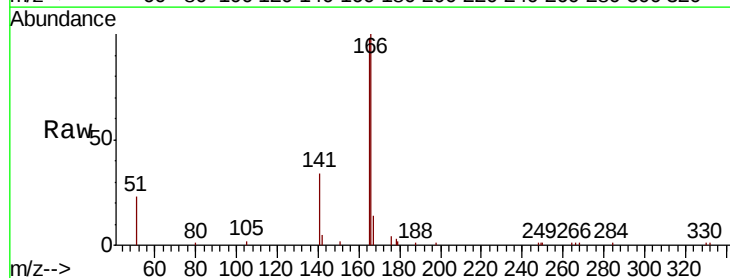


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

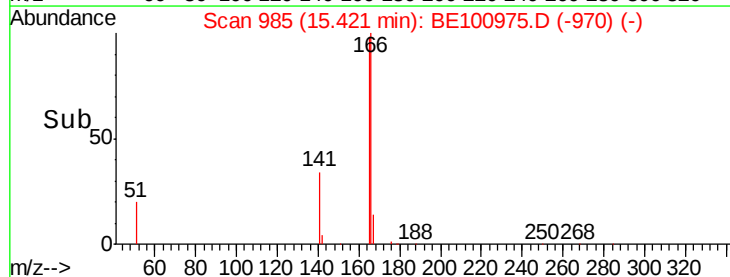
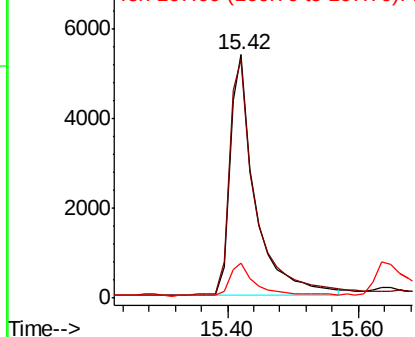


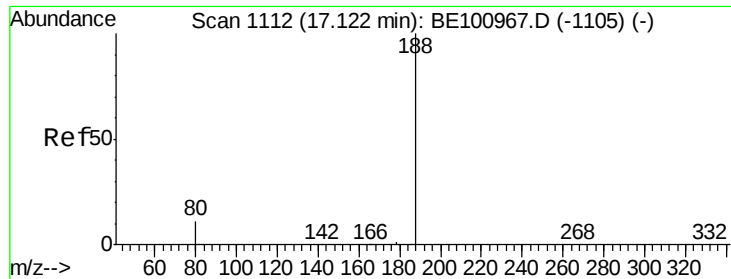
#18
Fluorene
Concen: 0.435 ng
RT: 15.42 min Scan# 985
Delta R.T. -0.00 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Tgt Ion:166 Resp: 14480
Ion Ratio Lower Upper
166 100
165 100.8 79.4 119.0
167 14.2 10.6 15.8



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

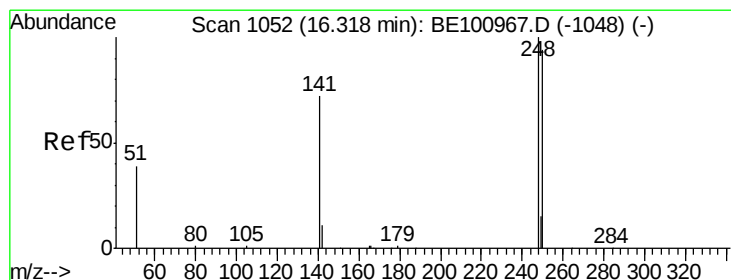
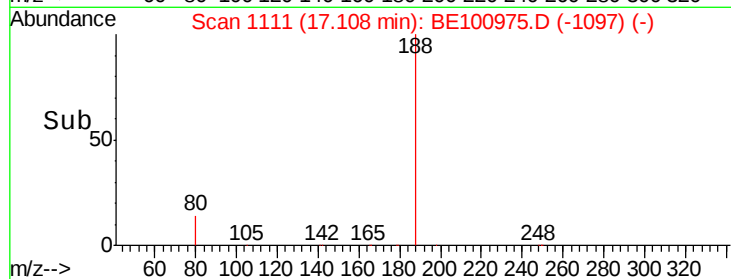
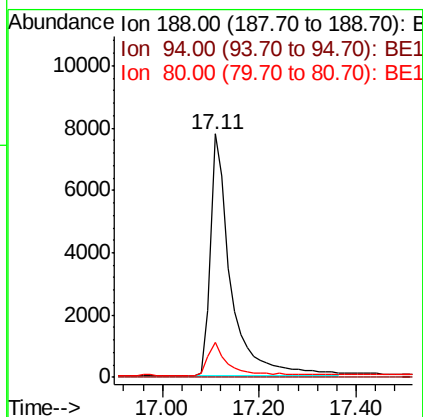
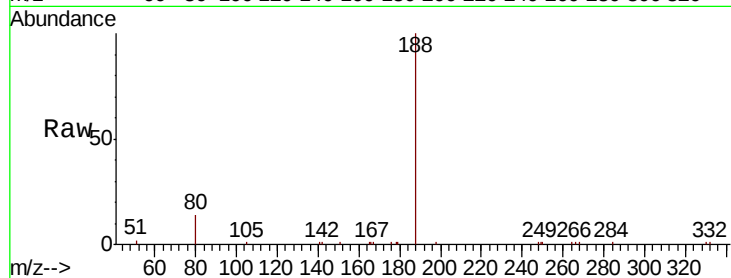




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

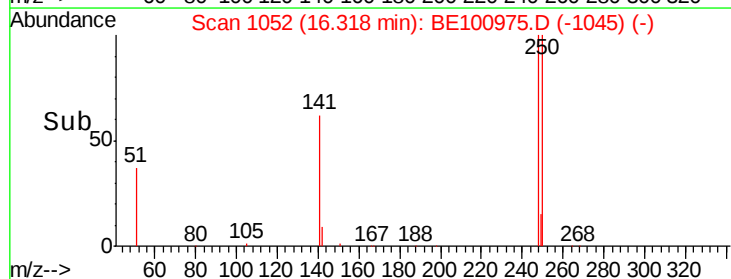
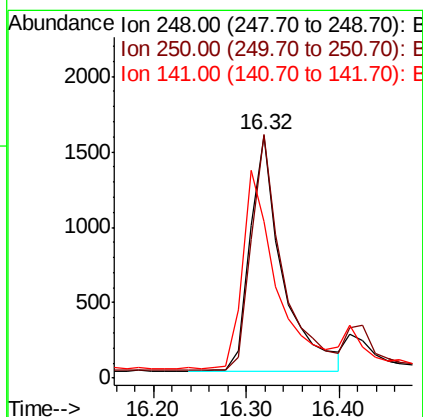
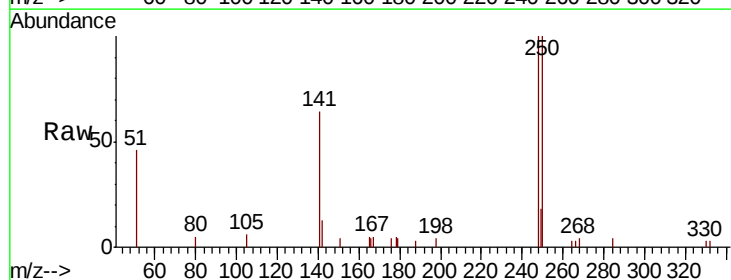
Instrument :
BNA_E
ClientSampleId :

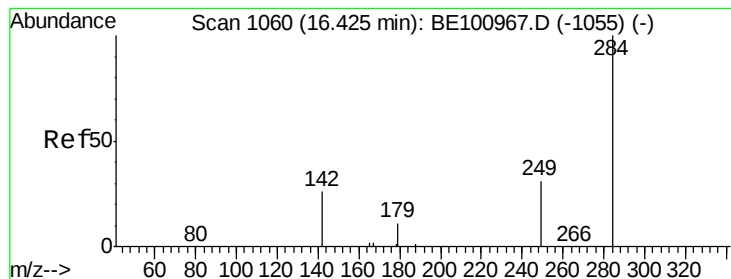
Tot Ion:188 Resp: 22297
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.4 9.7 14.5



#20
4-Bromophenyl-phenylether
Concen: 0.386 ng
RT: 16.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Tgt Ion:248 Resp: 3778
Ion Ratio Lower Upper
248 100
250 100.4 76.0 114.0
141 64.7 61.0 91.6





#21

Hexachlorobenzene

Concen: 0.389 ng

RT: 16.43 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BE100975.D

Acq: 26 Dec 2019 16:56

Instrument :

BNA_E

ClientSampleId :

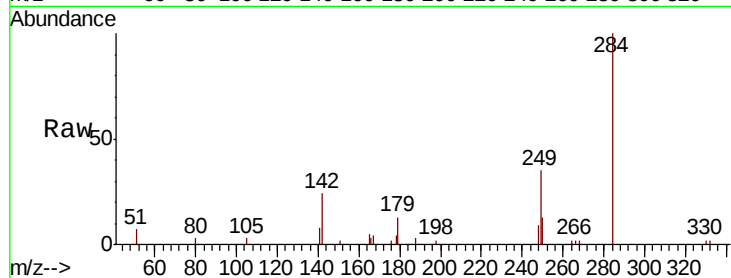
Tot Ion:284 Resp: 4502

Ion Ratio Lower Upper

284 100

142 43.1 33.3 49.9

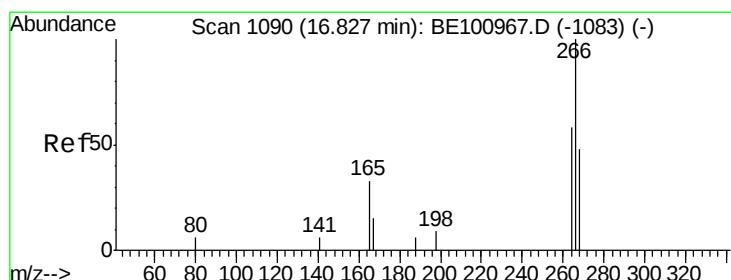
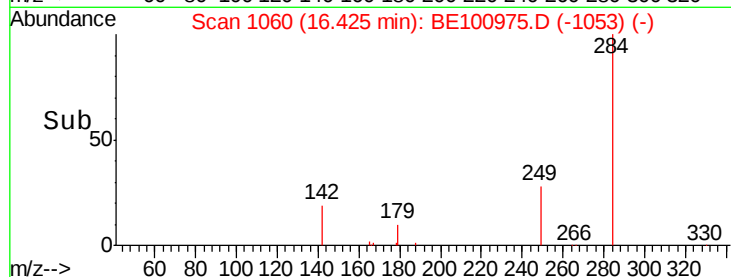
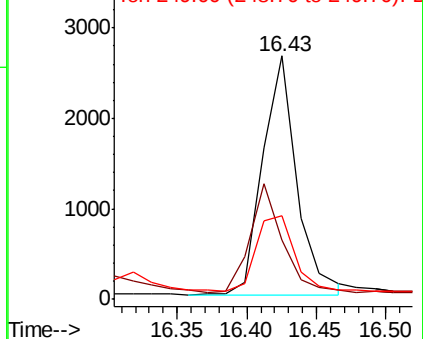
249 35.5 27.2 40.8



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: 0.309 ng

RT: 16.79 min Scan# 1087

Delta R.T. -0.04 min

Lab File: BE100975.D

Acq: 26 Dec 2019 16:56

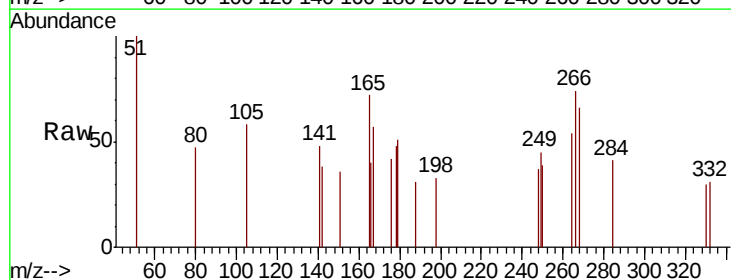
Tgt Ion:266 Resp: 292

Ion Ratio Lower Upper

266 100

264 72.9 62.3 93.5

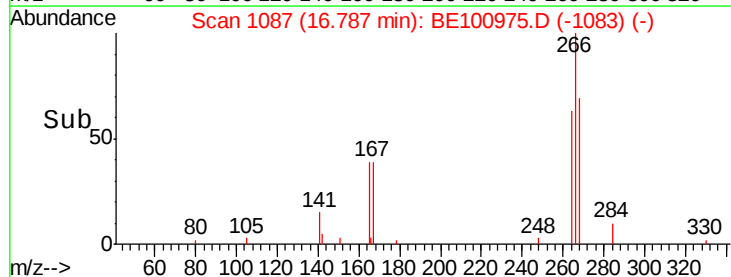
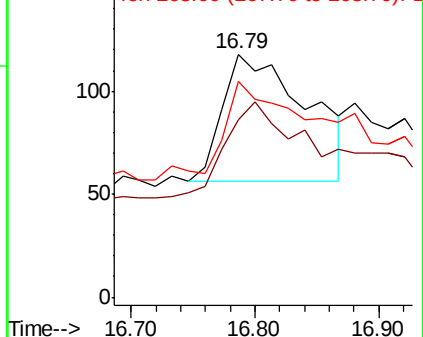
268 89.0 66.1 99.1

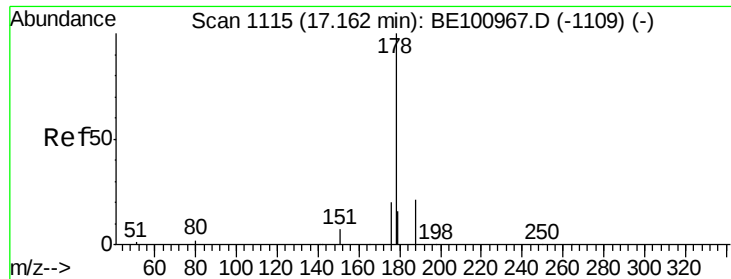


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.415 ng

RT: 17.15 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE100975.D

Acq: 26 Dec 2019 16:56

Instrument :

BNA_E

ClientSampleId :

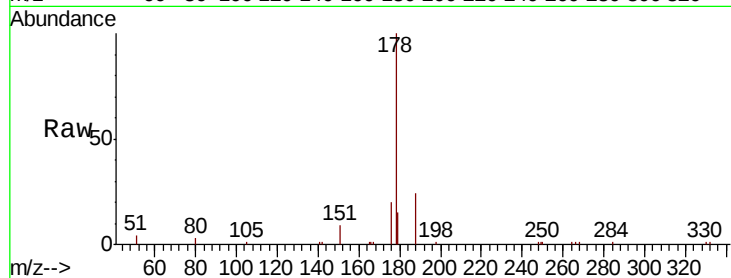
Tot Ion:178 Resp: 23826

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

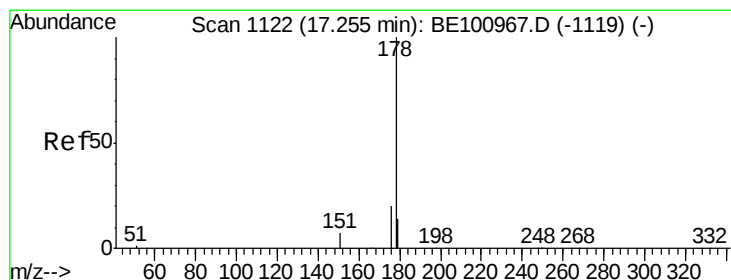
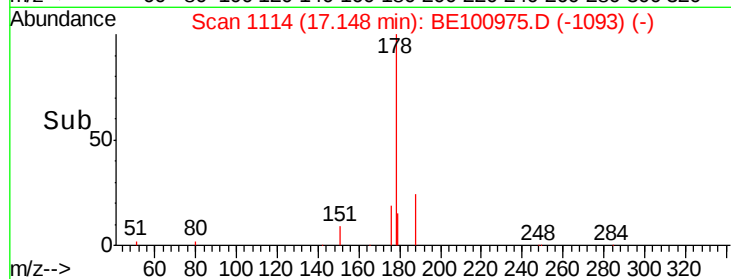
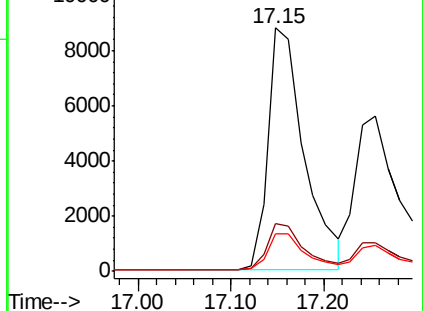
179 15.2 12.6 18.8



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: 0.226 ng

RT: 17.26 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100975.D

Acq: 26 Dec 2019 16:56

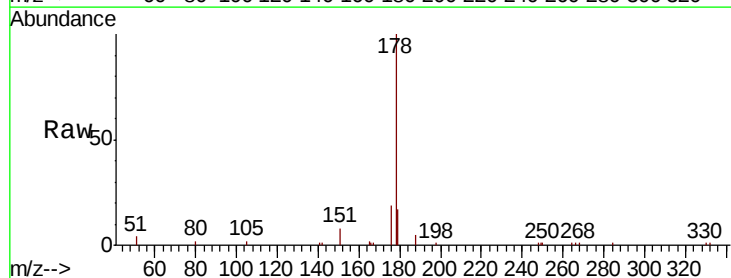
Tgt Ion:178 Resp: 13119

Ion Ratio Lower Upper

178 100

176 17.4 15.0 22.4

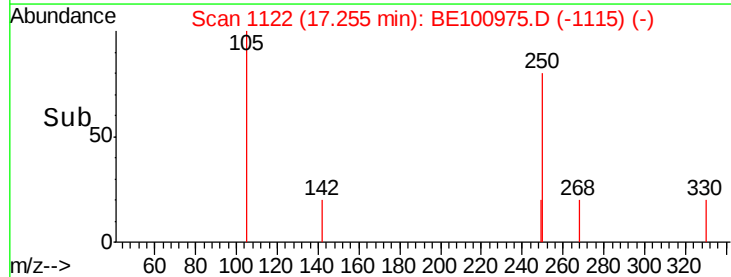
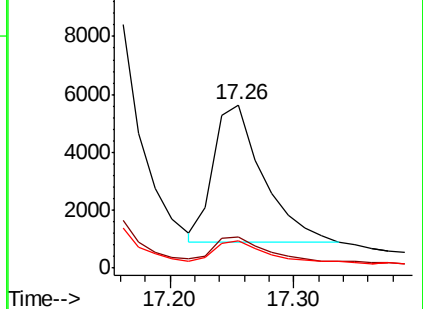
179 14.3 12.5 18.7

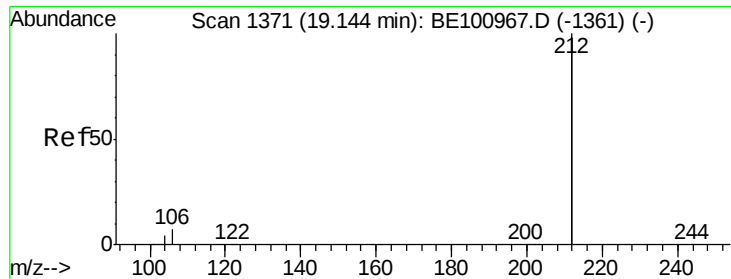


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

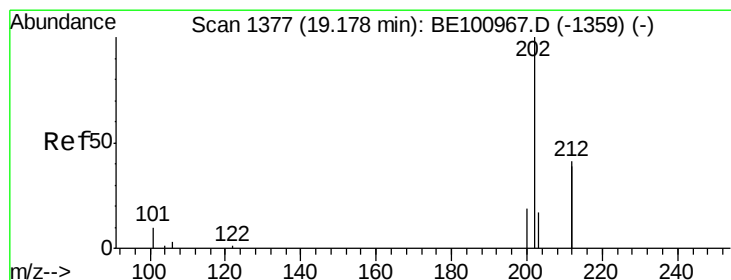
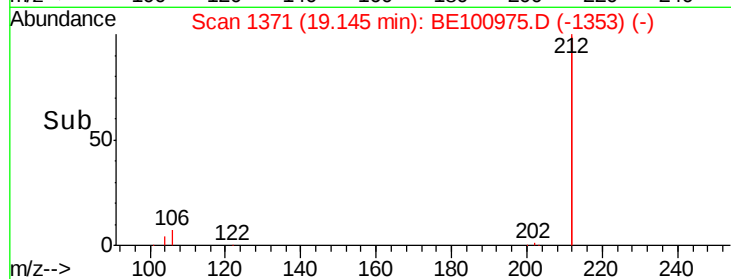
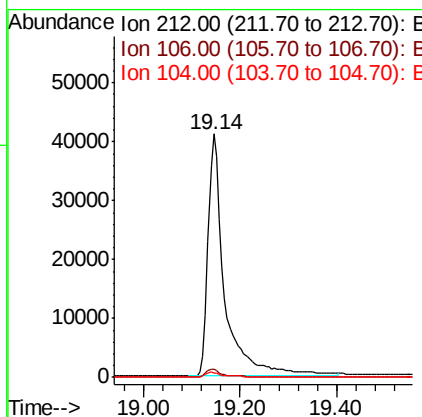
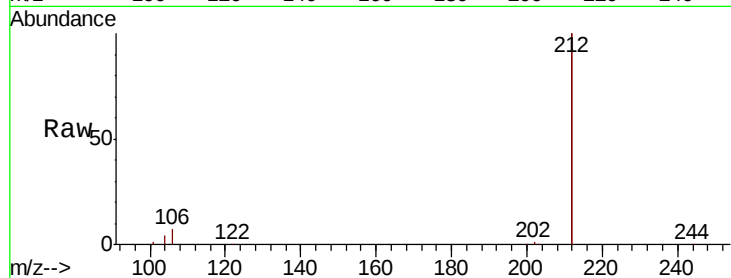




#25
 Fluoranthene-d10
 Concen: 0.373 ng
 RT: 19.14 min Scan# 1371
 Delta R.T. 0.00 min
 Lab File: BE100975.D
 Acq: 26 Dec 2019 16:56

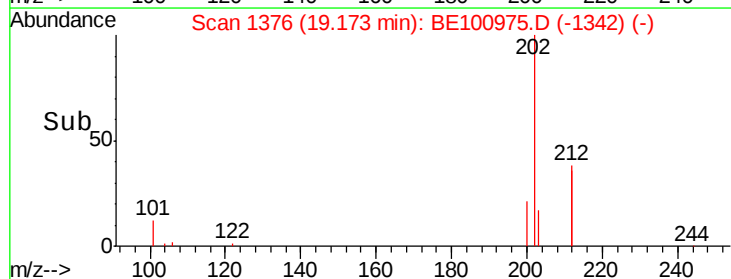
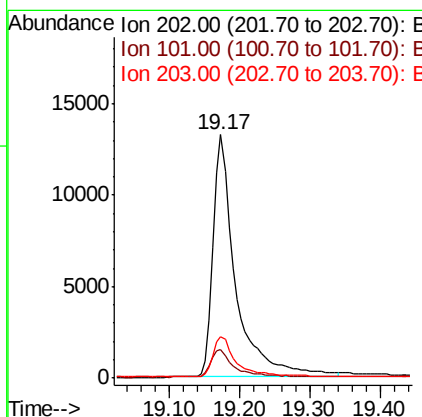
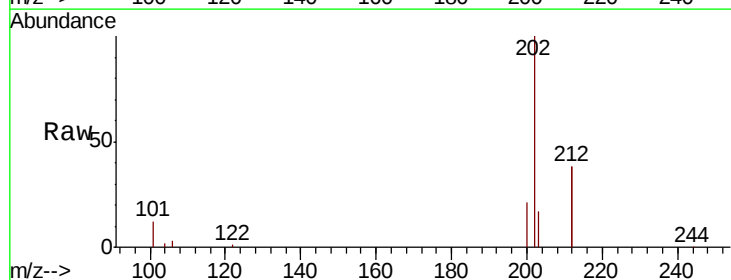
Instrument :
 BNA_E
 ClientSampleId :

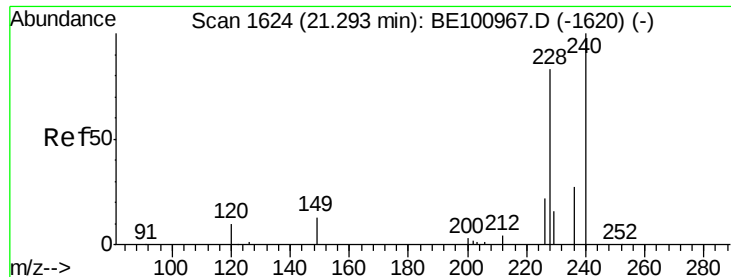
Tot Ion:212 Resp: 100799
 Ion Ratio Lower Upper
 212 100
 106 3.3 2.4 3.6
 104 1.9 1.4 2.0



#26
 Fluoranthene
 Concen: 0.380 ng
 RT: 19.17 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: BE100975.D
 Acq: 26 Dec 2019 16:56

Tgt Ion:202 Resp: 29761
 Ion Ratio Lower Upper
 202 100
 101 11.3 9.0 13.4
 203 17.1 13.2 19.8

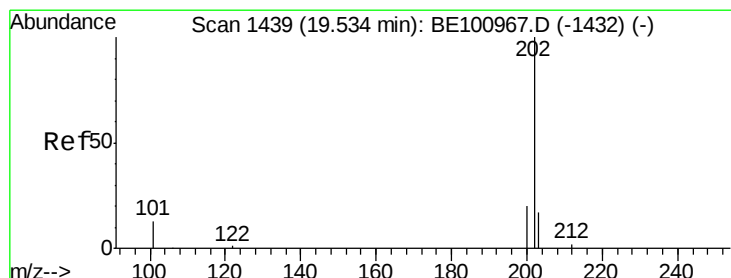
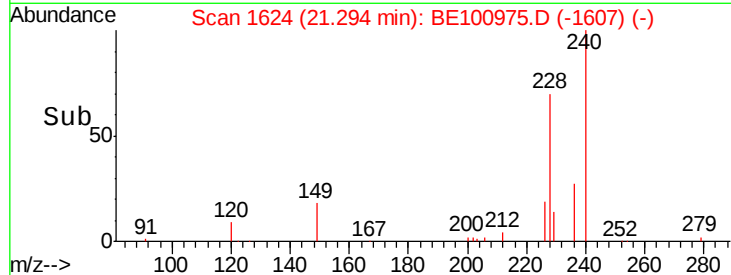
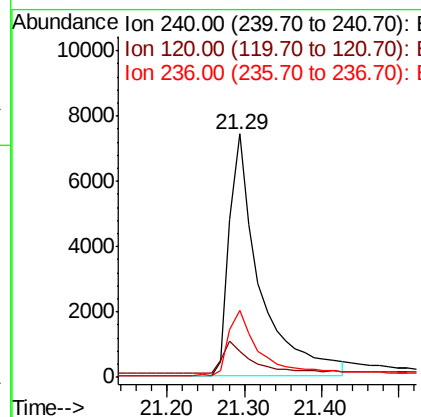
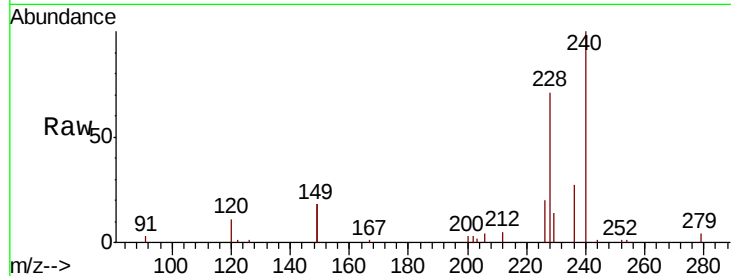




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BE100975.D
 Acq: 26 Dec 2019 16:56

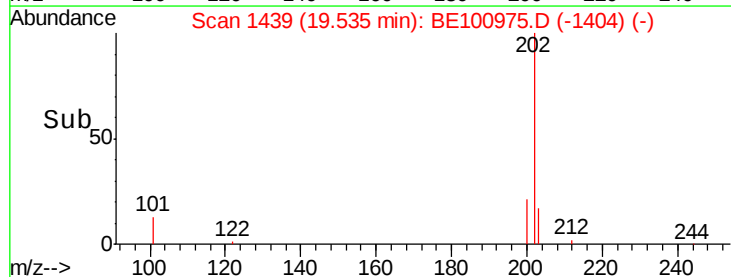
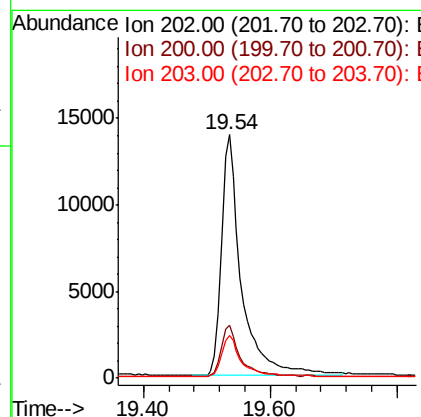
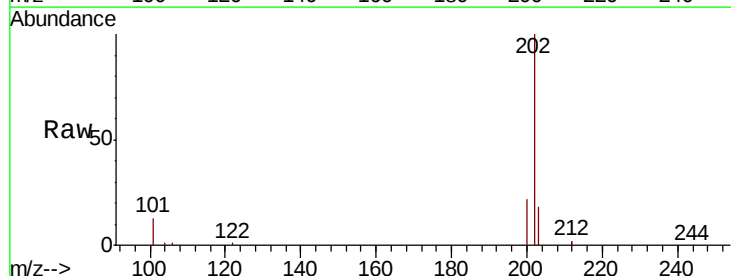
Instrument :
 BNA_E
 ClientSampleId :

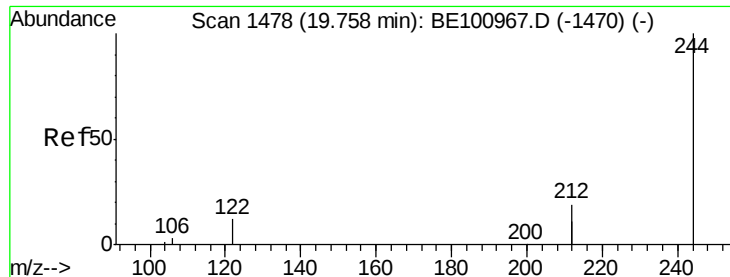
Tot Ion:240	Resp: 20231
Ion Ratio	Lower Upper
240 100	
120 10.7	10.2 15.4
236 27.3	22.6 34.0



#28
 Pyrene
 Concen: 0.431 ng
 RT: 19.54 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BE100975.D
 Acq: 26 Dec 2019 16:56

Tgt Ion	202	Resp:	30527
Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	17.3	13.8	20.6





#29

Terphenyl-d14

Concen: 0.439 ng

RT: 19.75 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BE100975.D

Acq: 26 Dec 2019 16:56

Instrument :

BNA_E

ClientSampled :

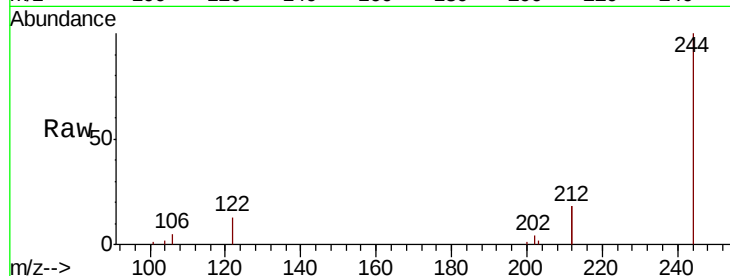
Tot Ion:244 Resp: 20425

Ion Ratio Lower Upper

244 100

212 35.5 29.3 43.9

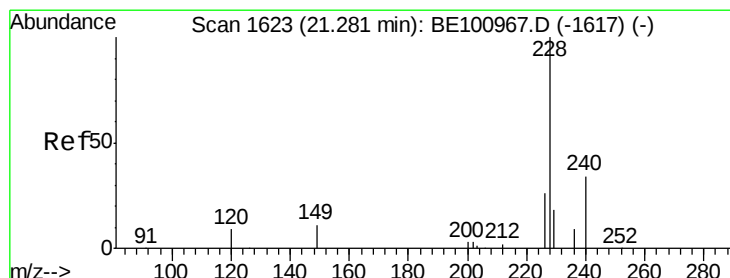
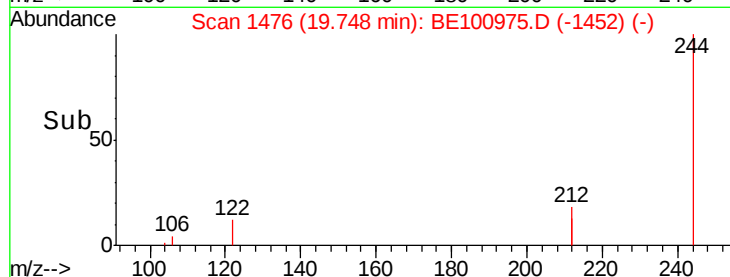
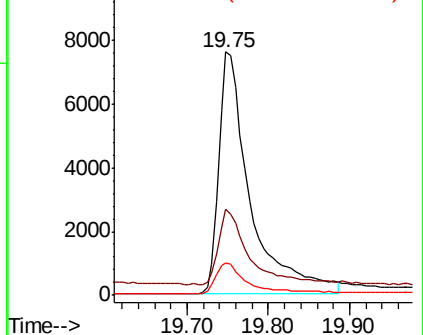
122 13.1 10.2 15.4



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: 0.426 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100975.D

Acq: 26 Dec 2019 16:56

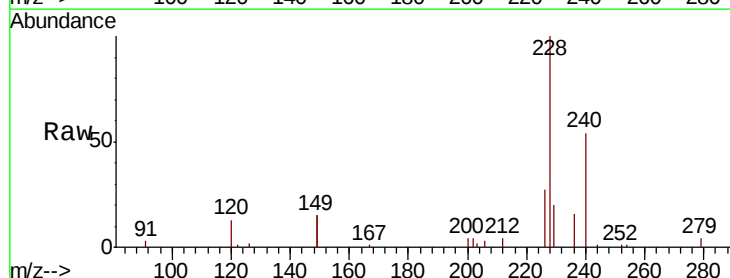
Tgt Ion:228 Resp: 21090

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.6

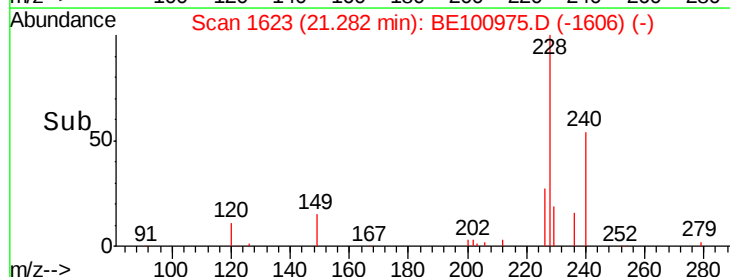
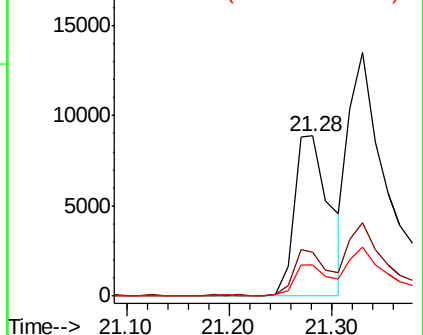
229 19.5 15.4 23.0

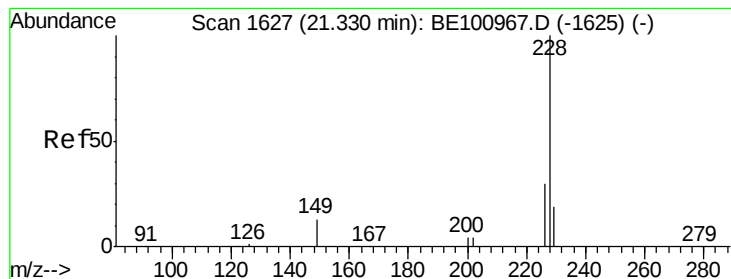


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.288 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100975.D

Acq: 26 Dec 2019 16:56

Instrument :

BNA_E

ClientSampleId :

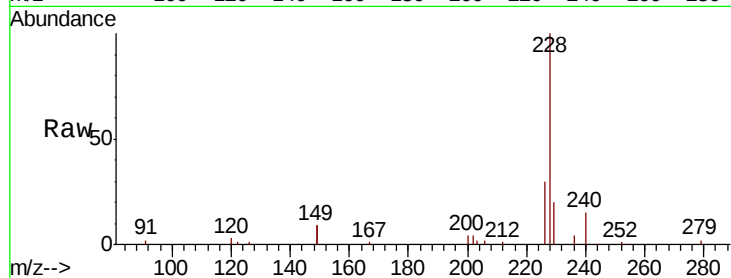
Tot Ion:228 Resp: 26519

Ion Ratio Lower Upper

228 100

226 30.3 23.6 35.4

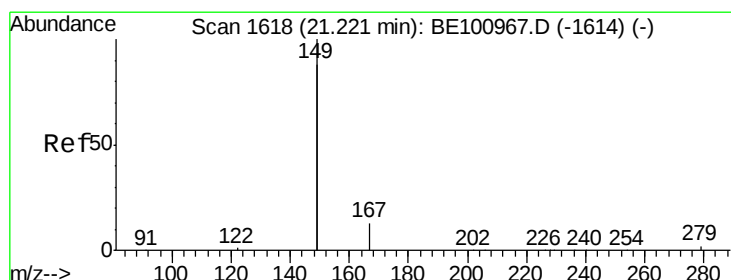
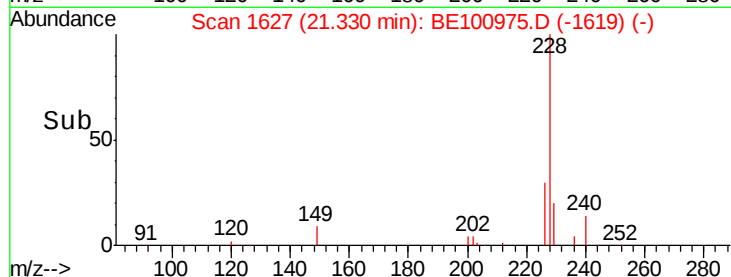
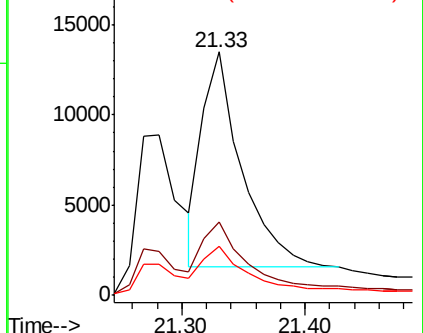
229 20.2 15.7 23.5



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: 0.362 ng

RT: 21.21 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BE100975.D

Acq: 26 Dec 2019 16:56

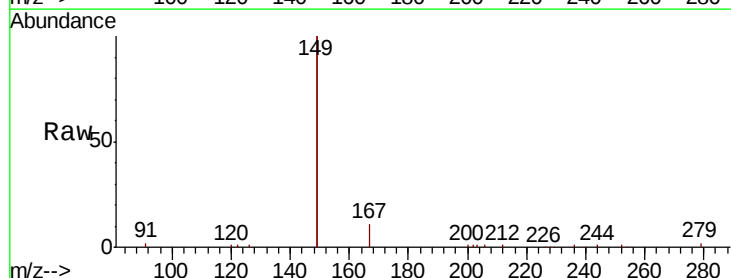
Tgt Ion:149 Resp: 31831

Ion Ratio Lower Upper

149 100

167 6.1 5.1 7.7

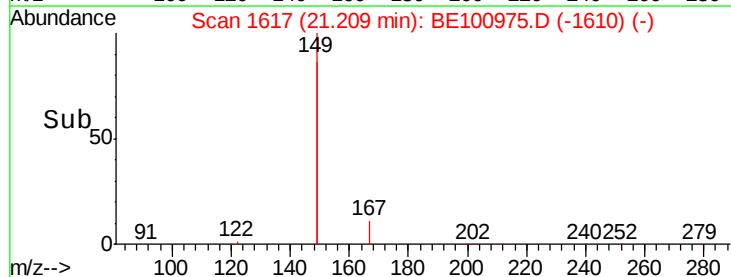
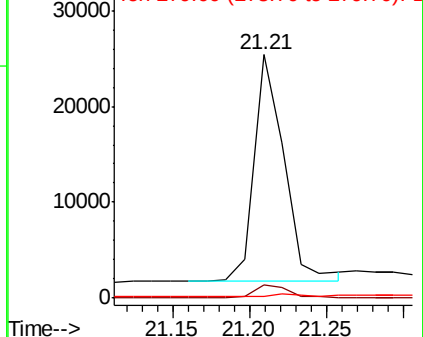
279 1.2 0.6 1.0#

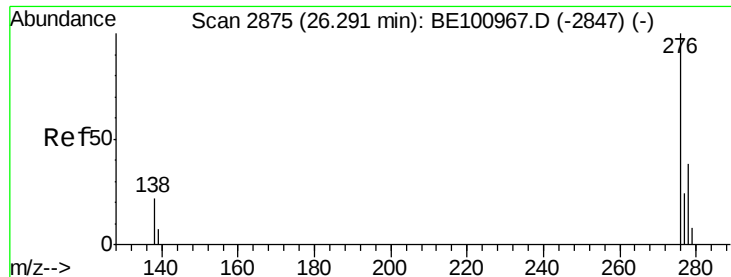


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.434 ng

RT: 26.28 min Scan# 2872

Delta R.T. -0.01 min

Lab File: BE100975.D

Acq: 26 Dec 2019 16:56

Instrument :

BNA_E

ClientSampleId :

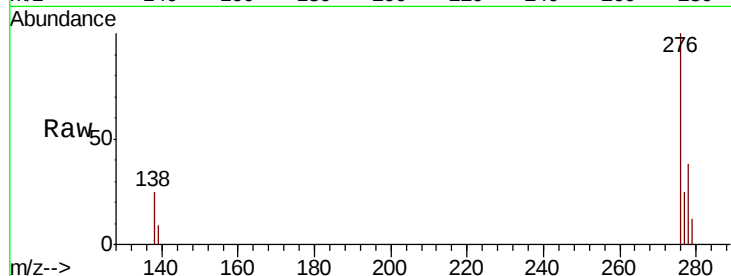
Tot Ion:276 Resp: 30102

Ion Ratio Lower Upper

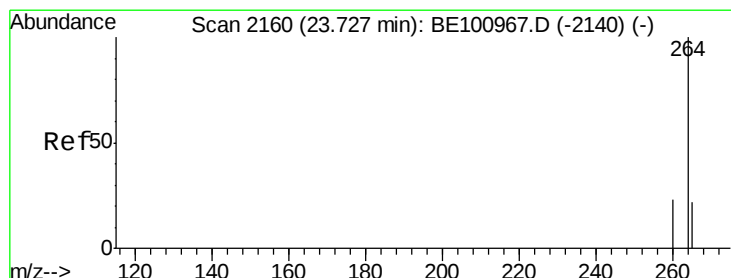
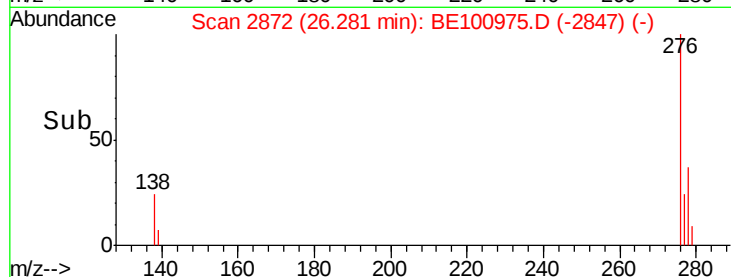
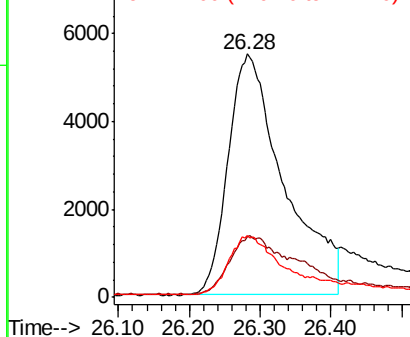
276 100

138 28.8 14.8 22.2#

277 22.3 18.0 27.0



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: 23.72 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BE100975.D

Acq: 26 Dec 2019 16:56

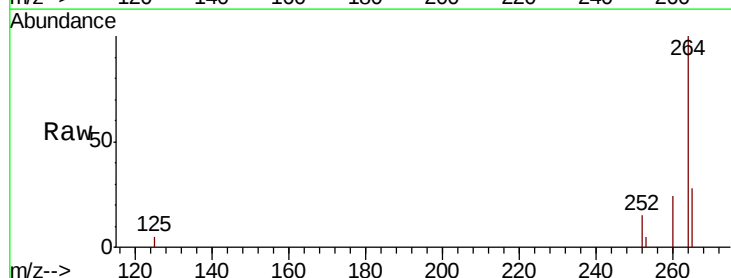
Tgt Ion:264 Resp: 27285

Ion Ratio Lower Upper

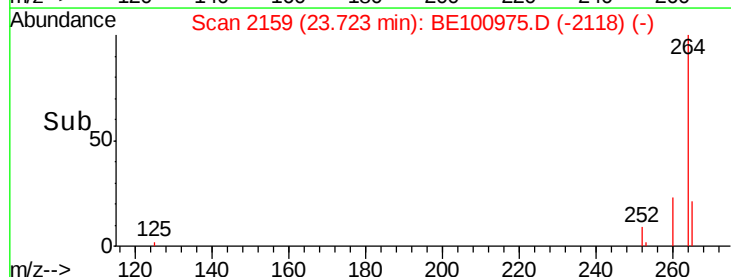
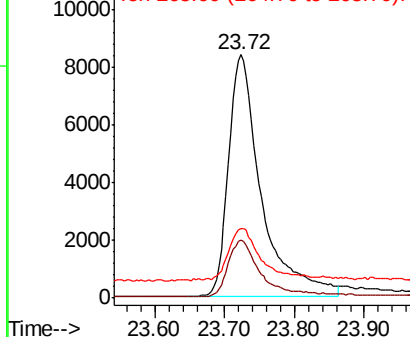
264 100

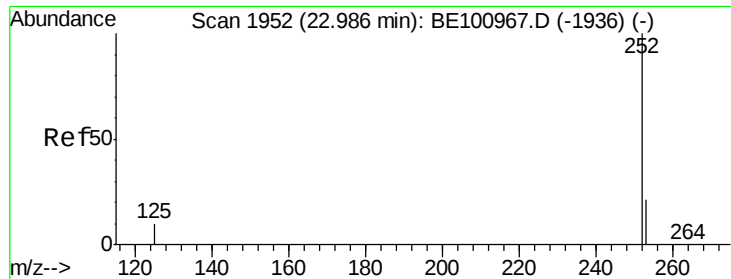
260 23.6 19.1 28.7

265 28.3 26.6 40.0



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

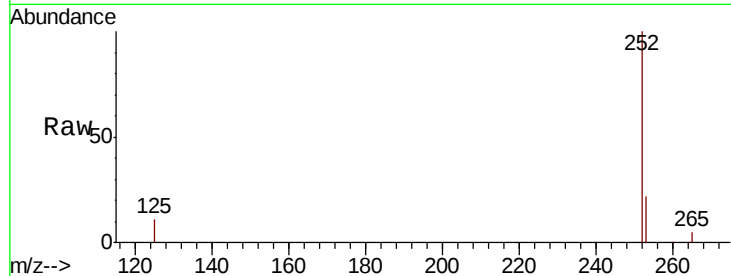




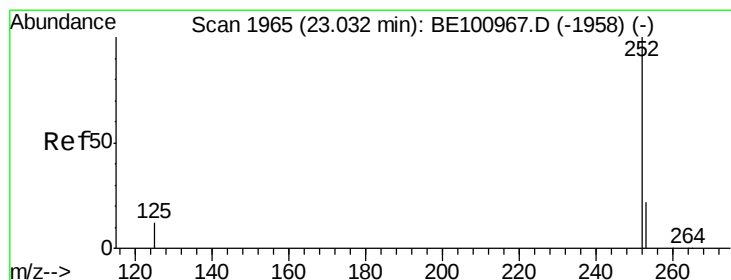
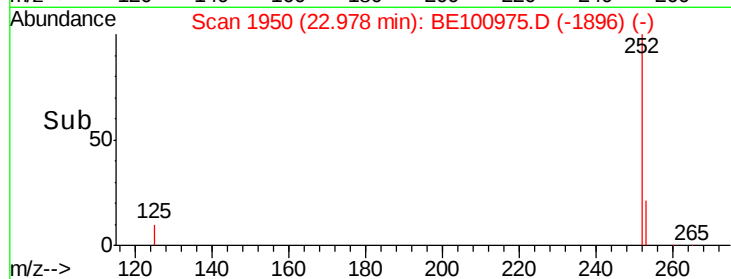
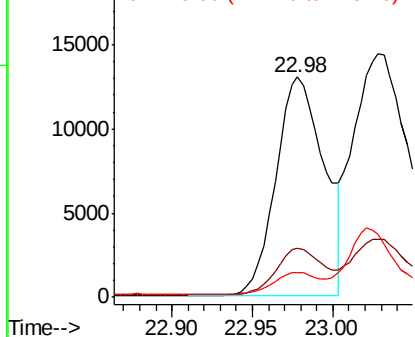
#35
Benzo(b)fluoranthene
Concen: 0.470 ng
RT: 22.98 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 26988
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 11.5 9.7 14.5

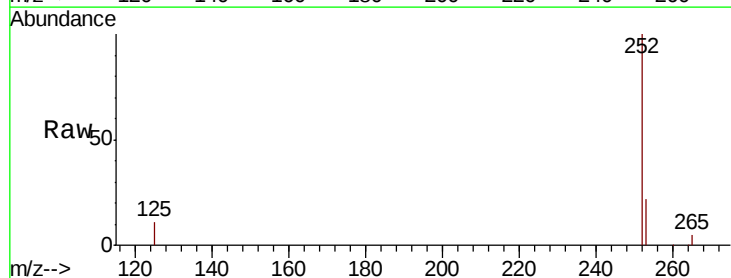


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

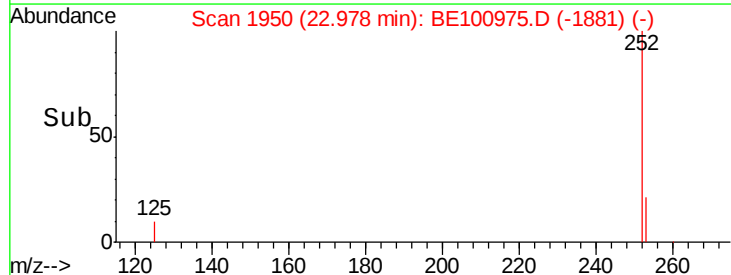
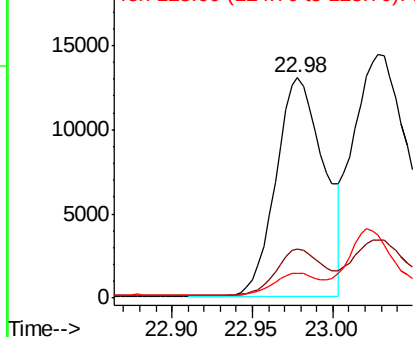


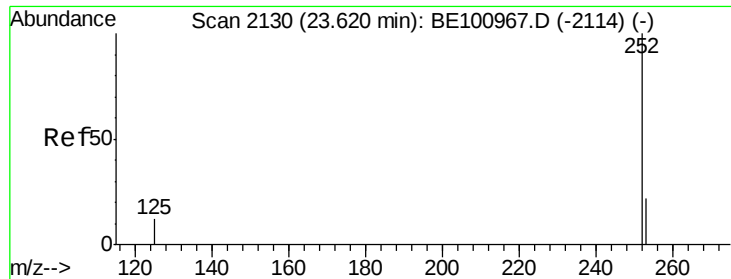
#36
Benzo(k)fluoranthene
Concen: 0.248 ng
RT: 22.98 min Scan# 1950
Delta R.T. -0.05 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Tgt Ion:252 Resp: 26988
Ion Ratio Lower Upper
252 100
253 22.0 18.9 28.3
125 11.5 11.2 16.8



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: 0.421 ng

RT: 23.62 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BE100975.D

Acq: 26 Dec 2019 16:56

Instrument :

BNA_E

ClientSampleId :

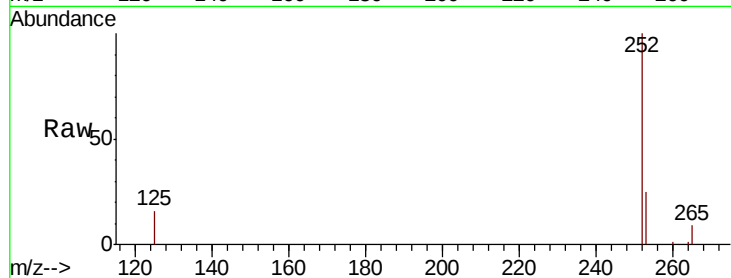
Tot Ion:252 Resp: 28226

Ion Ratio Lower Upper

252 100

253 24.9 20.1 30.1

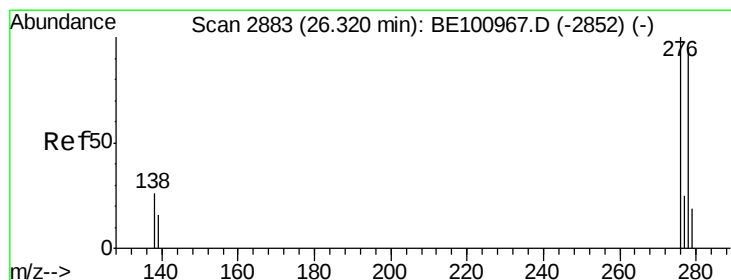
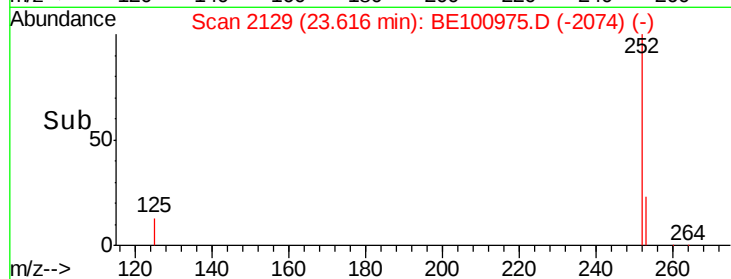
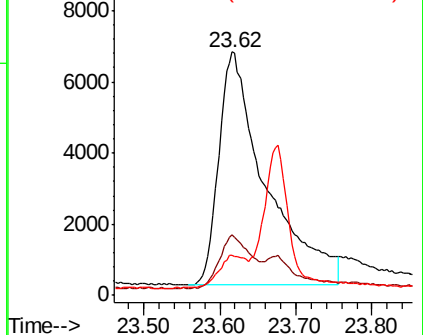
125 16.3 12.6 18.8



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: 0.419 ng

RT: 26.31 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BE100975.D

Acq: 26 Dec 2019 16:56

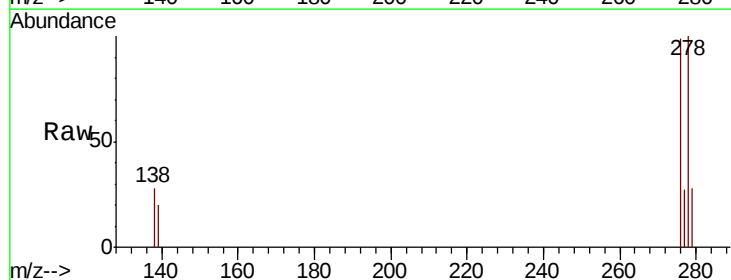
Tgt Ion:278 Resp: 25450

Ion Ratio Lower Upper

278 100

139 20.2 16.4 24.6

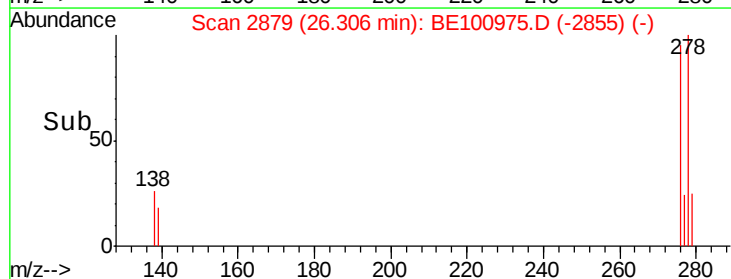
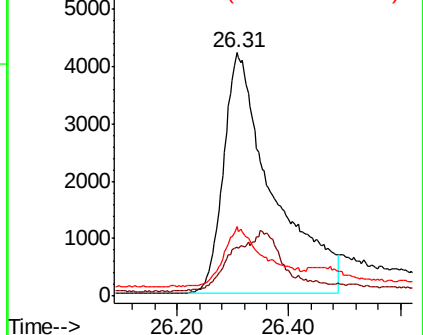
279 28.4 19.3 28.9

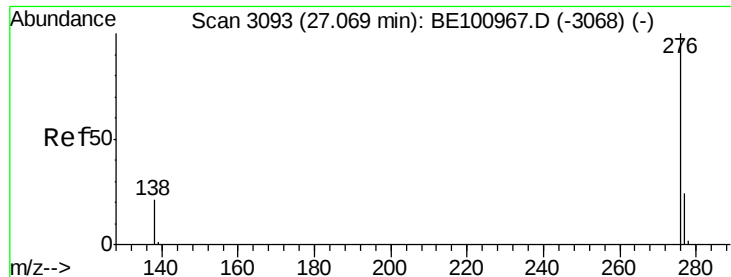


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.415 ng

RT: 27.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BE100975.D

Acq: 26 Dec 2019 16:56

Instrument :

BNA_E

ClientSampleId :

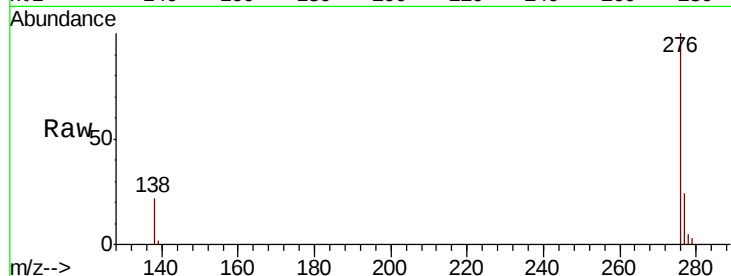
Tot Ion: 276 Resp: 29734

Ion Ratio Lower Upper

276 100

277 24.5 20.0 30.0

138 22.0 18.6 27.8



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

