

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122419\
 Data File : BE100972.D
 Acq On : 24 Dec 2019 15:54
 Operator : JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE122419

Quant Time: Dec 24 16:39:51 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	2265	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	11697	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	7356	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	18215	0.40	ng	0.00
27) Chrysene-d12	21.29	240	16219	0.40	ng	0.00
34) Perylene-d12	23.73	264	19470	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	1492	0.39	ng	-0.01
5) Phenol-d6	6.95	99	1566	0.39	ng	-0.03
8) Nitrobenzene-d5	8.90	82	2234	0.46	ng	-0.01
11) 2-Methylnaphthalene-d10	12.12	152	7205	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	546	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	10548	0.40	ng	0.00
25) Fluoranthene-d10	19.14	212	80967	0.37	ng	0.00
29) Terphenyl-d14	19.75	244	15205	0.41	ng	0.00

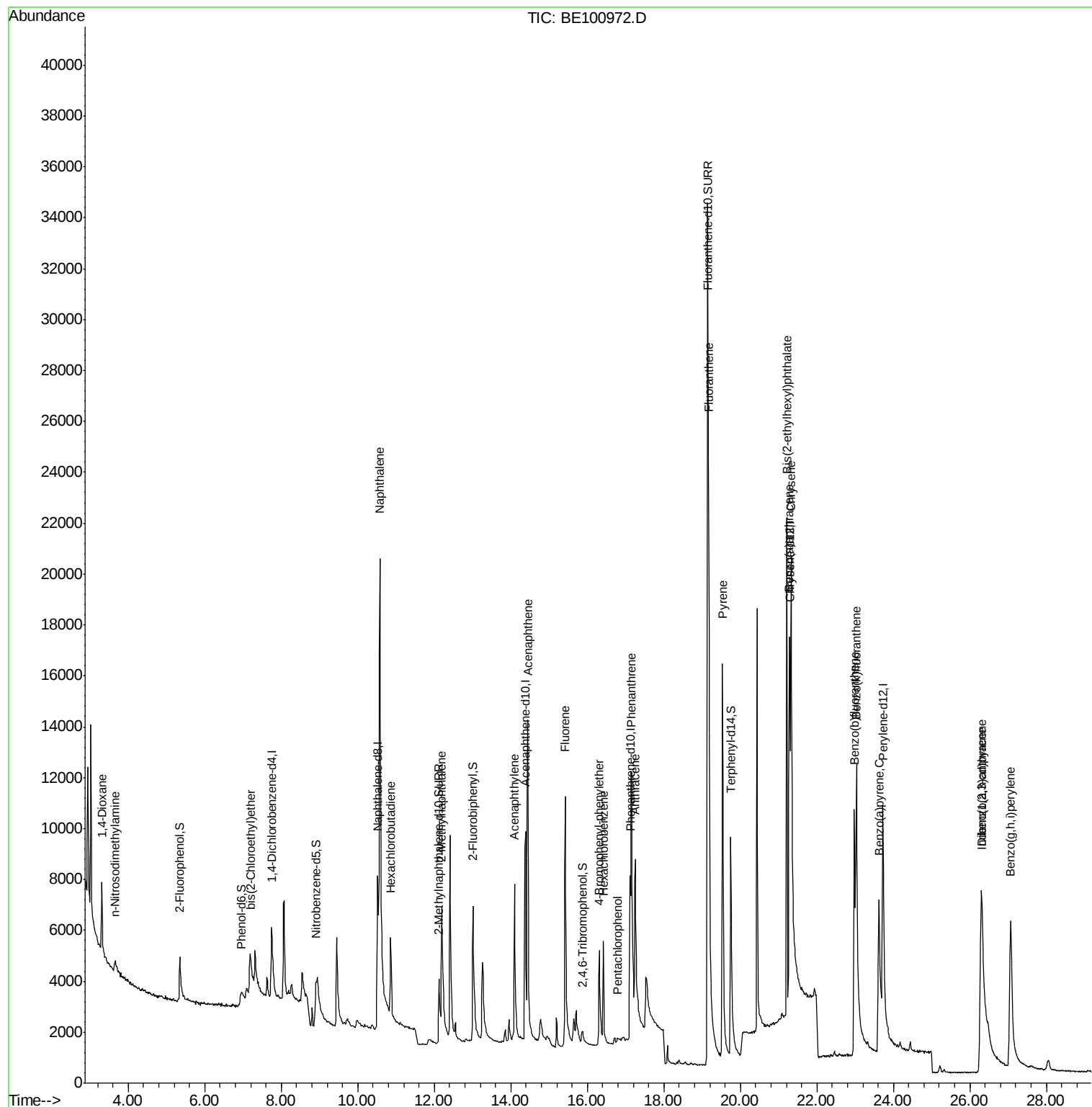
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.31	88	2844	0.381	ng	96
3) n-Nitrosodimethylamine	3.65	42	783	0.581	ng	# 93
6) bis(2-Chloroethyl)ether	7.19	93	2412	0.295	ng	75
9) Naphthalene	10.58	128	50427	0.405	ng	100
10) Hexachlorobutadiene	10.86	225	2194	0.399	ng	97
12) 2-Methylnaphthalene	12.20	142	6710	0.356	ng	99
16) Acenaphthylene	14.10	152	10208	0.371	ng	99
17) Acenaphthene	14.44	154	7953	0.398	ng	99
18) Fluorene	15.42	166	9511	0.382	ng	99
20) 4-Bromophenyl-phenylether	16.32	248	2753	0.344	ng	97
21) Hexachlorobenzene	16.43	284	3445	0.365	ng	99
22) Pentachlorophenol	16.80	266	236	0.307	ng	90
23) Phenanthrene	17.16	178	17407	0.371	ng	99
24) Anthracene	17.26	178	11516	0.243	ng	98
26) Fluoranthene	19.17	202	22804	0.356	ng	99
28) Pyrene	19.53	202	23333	0.411	ng	100
30) Benzo(a)anthracene	21.28	228	14374	0.362	ng	99
31) Chrysene	21.33	228	19885	0.269	ng	100
32) Bis(2-ethylhexyl)phthalate	21.22	149	28912	0.411	ng	100
33) Indeno(1,2,3-cd)pyrene	26.29	276	20736	0.373	ng	95
35) Benzo(b)fluoranthene	22.98	252	15539	0.379	ng	99
36) Benzo(k)fluoranthene	23.03	252	28658	0.369	ng	98
37) Benzo(a)pyrene	23.62	252	18804	0.393	ng	98
38) Dibenzo(a,h)anthracene	26.31	278	4211	0.097	ng	98
39) Benzo(g,h,i)perylene	27.06	276	19819	0.388	ng	99

(#) = 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: BE100972.D

Acq: 24 Dec 2019 15:54

Instrument :

BNA_E

ClientSampleId :

ICVBE122419

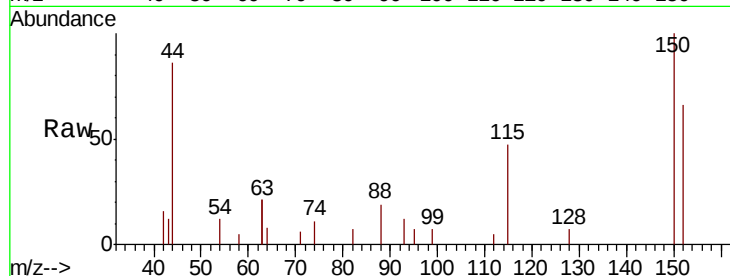
Tot Ion:152 Resp: 2265

Ion Ratio Lower Upper

152 100

150 152.5 132.6 199.0

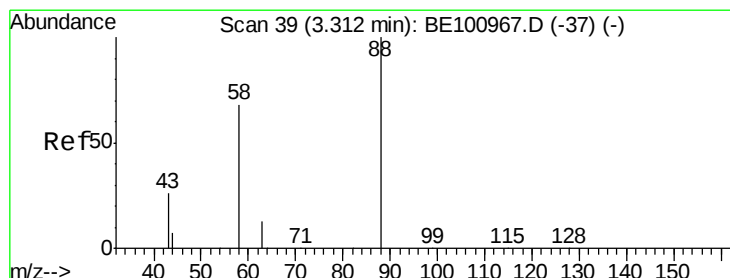
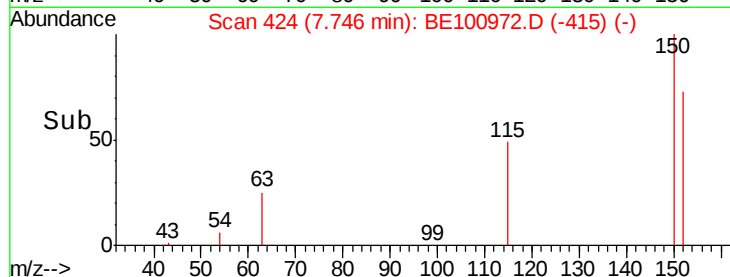
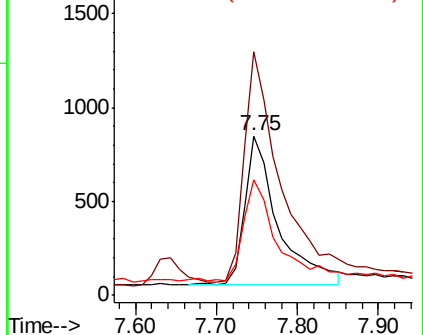
115 72.4 64.1 96.1



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: 0.381 ng

RT: 3.31 min Scan# 39

Delta R.T. 0.00 min

Lab File: BE100972.D

Acq: 24 Dec 2019 15:54

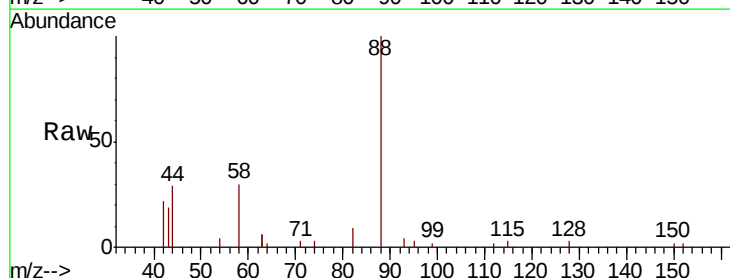
Tgt Ion: 88 Resp: 2844

Ion Ratio Lower Upper

88 100

58 58.2 44.2 66.4

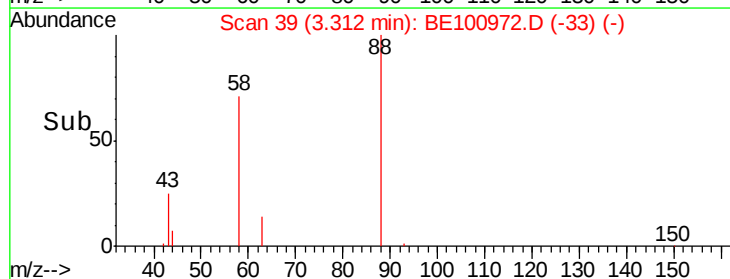
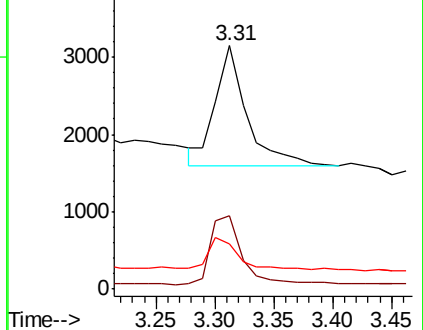
43 24.3 21.0 31.6



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: 0.581 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.02 min

Lab File: BE100972.D

Acq: 24 Dec 2019 15:54

Instrument :

BNA_E

ClientSampleId :

ICVBE122419

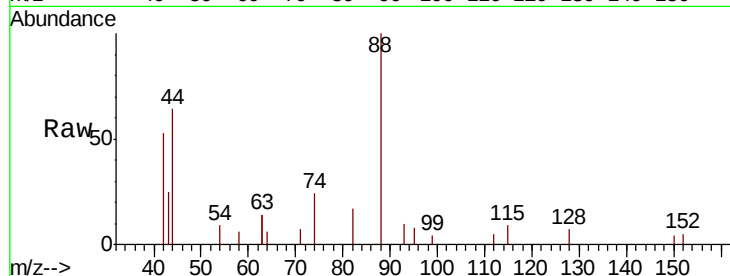
Tot Ion: 42 Resp: 783

Ion Ratio Lower Upper

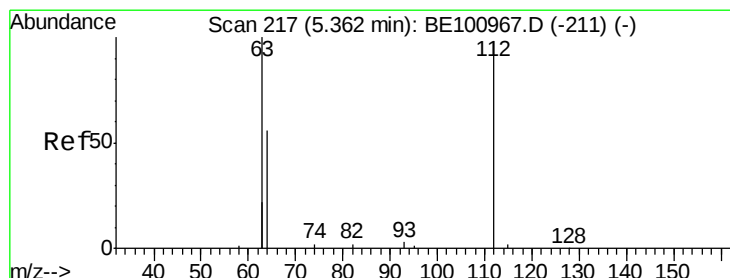
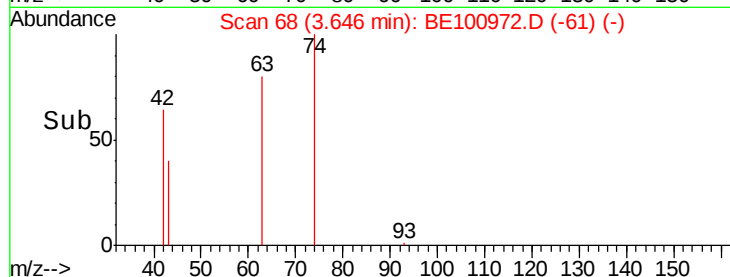
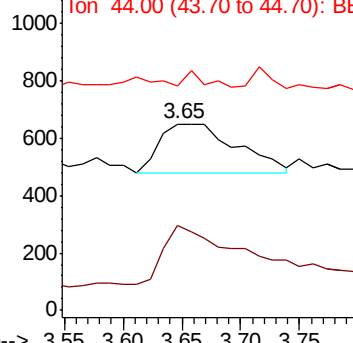
42 100

74 137.3 116.6 174.8

44 7.5 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: 0.390 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.01 min

Lab File: BE100972.D

Acq: 24 Dec 2019 15:54

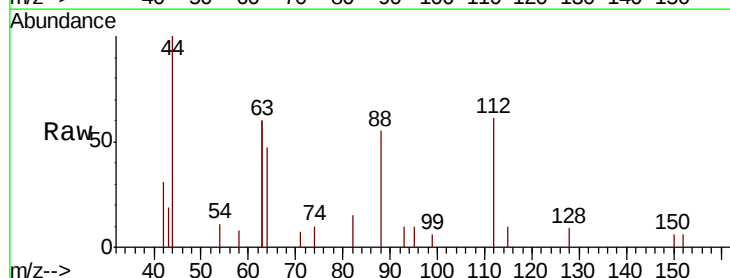
Tgt Ion: 112 Resp: 1492

Ion Ratio Lower Upper

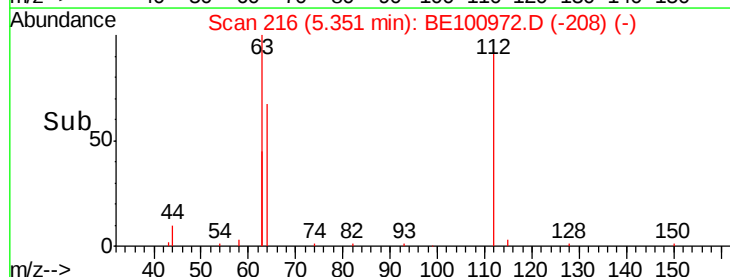
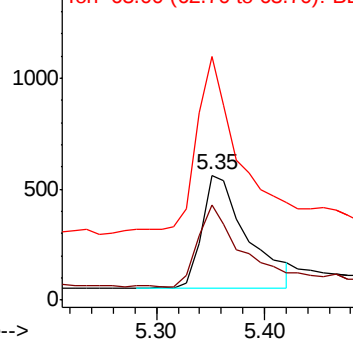
112 100

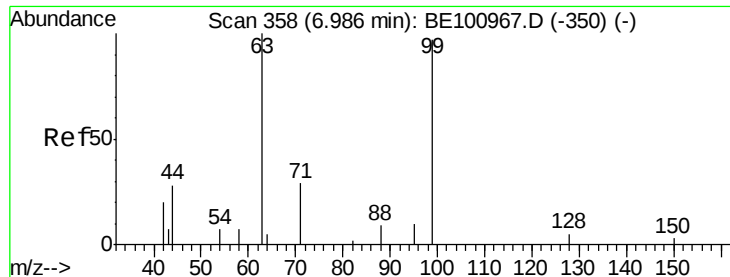
64 69.9 59.0 88.6

63 138.5 121.4 182.0



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: 0.392 ng

RT: 6.95 min Scan# 355

Delta R.T. -0.03 min

Lab File: BE100972.D

Acq: 24 Dec 2019 15:54

Instrument :

BNA_E

ClientSampleId :

ICVBE122419

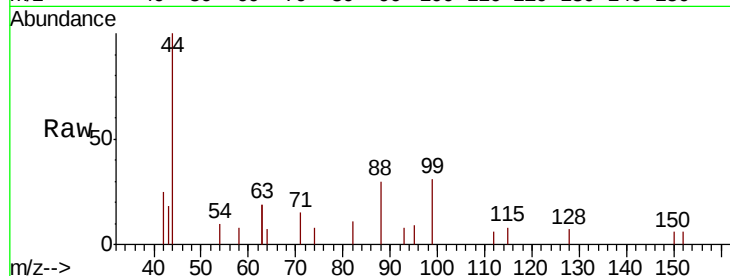
Tot Ion: 99 Resp: 1566

Ion Ratio Lower Upper

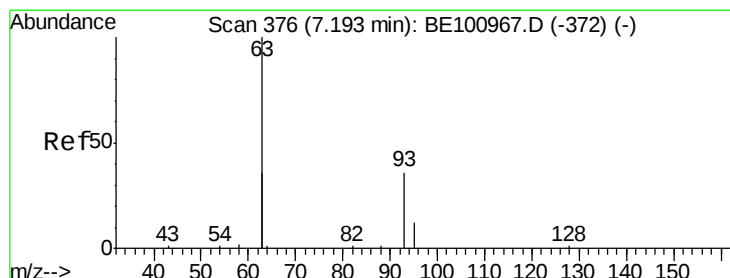
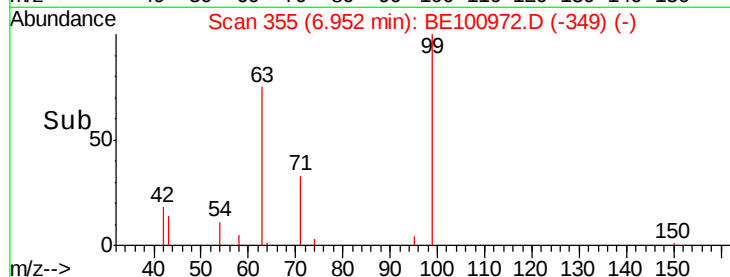
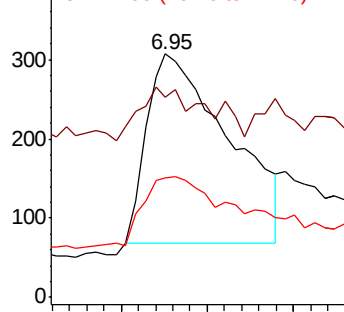
99 100

42 0.0 0.0 0.0

71 40.3 0.0 0.0#



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: 0.295 ng

RT: 7.19 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE100972.D

Acq: 24 Dec 2019 15:54

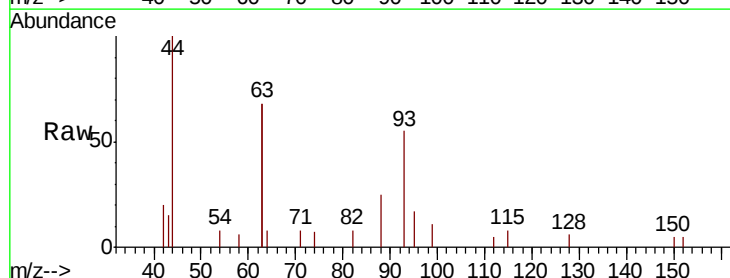
Tgt Ion: 93 Resp: 2412

Ion Ratio Lower Upper

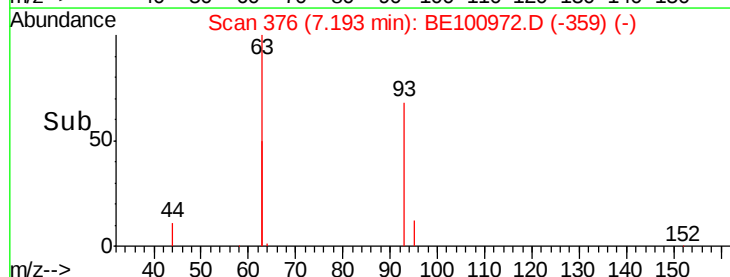
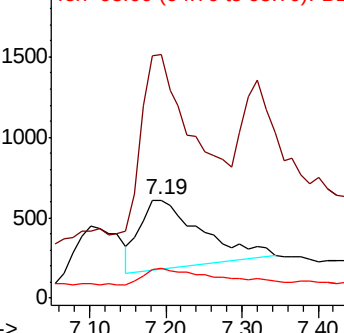
93 100

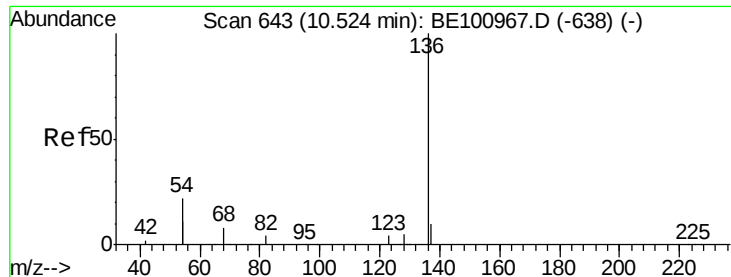
63 234.6 228.3 342.5

95 28.9 25.9 38.9



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: 10.52 min Scan# 643

Delta R.T. 0.00 min

Lab File: BE100972.D

Acq: 24 Dec 2019 15:54

Instrument :

BNA_E

ClientSampleId :

ICVBE122419

Tot Ion:136 Resp: 11697

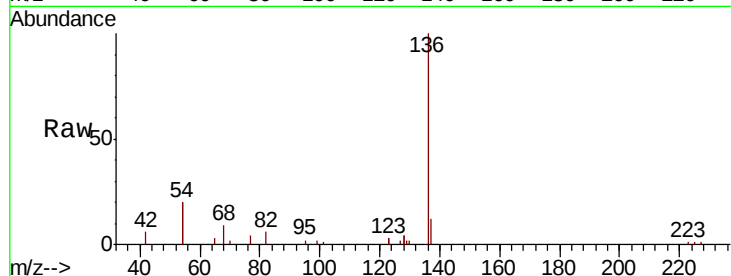
Ion Ratio Lower Upper

136 100

137 11.8 9.0 13.6

54 40.9 34.4 51.6

68 8.8 7.8 11.6

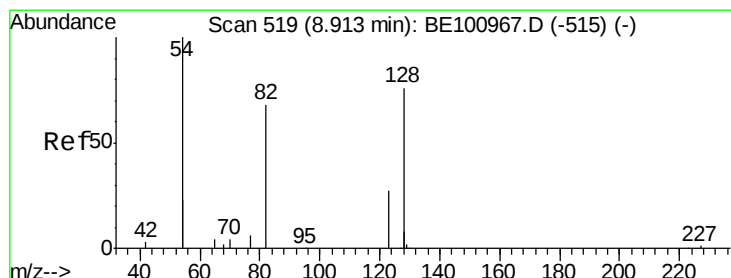
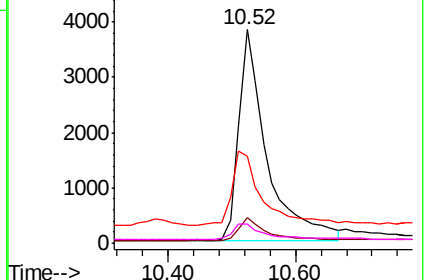
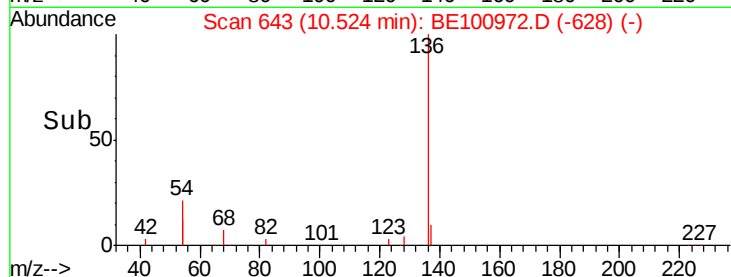


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.465 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100972.D

Acq: 24 Dec 2019 15:54

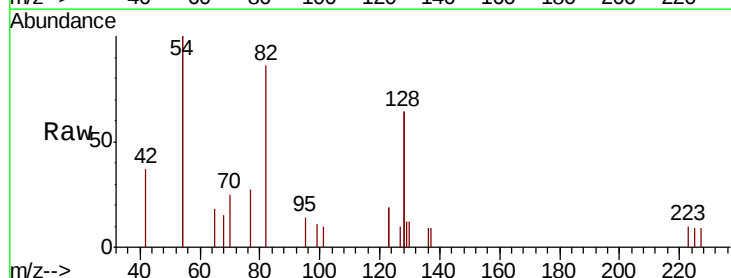
Tgt Ion: 82 Resp: 2234

Ion Ratio Lower Upper

82 100

128 150.3 140.2 210.2

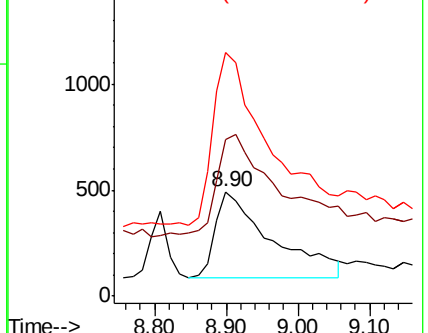
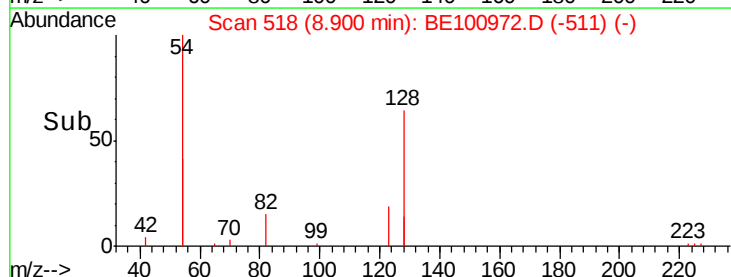
54 233.8 183.8 275.6

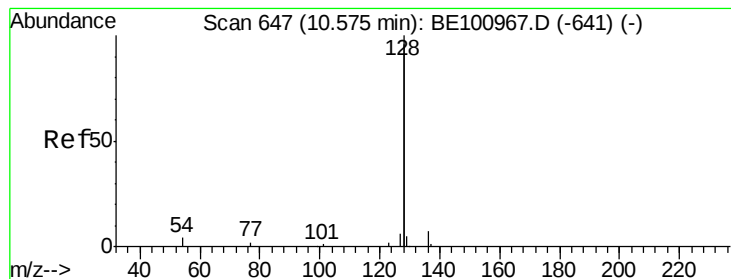


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.405 ng

RT: 10.58 min Scan# 647

Delta R.T. 0.00 min

Lab File: BE100972.D

Acq: 24 Dec 2019 15:54

Instrument :

BNA_E

ClientSampleId :

ICVBE122419

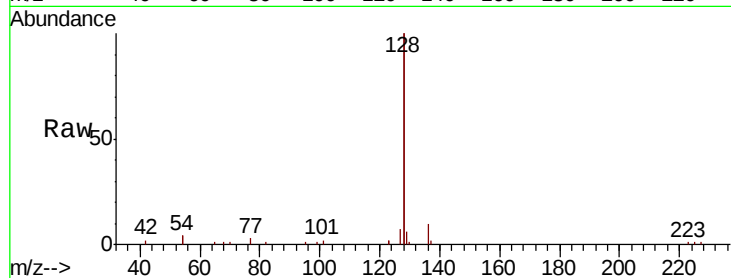
Tot Ion:128 Resp: 50427

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

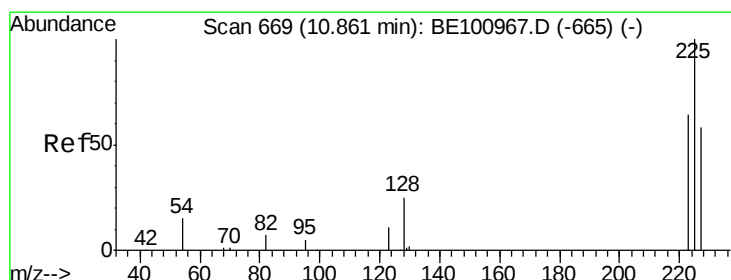
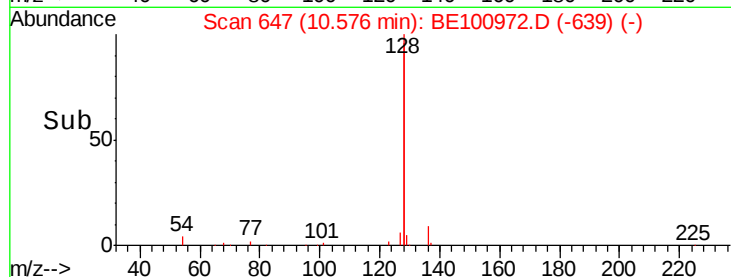
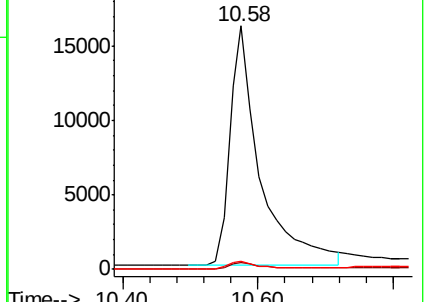
127 3.4 2.8 4.2



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: 0.399 ng

RT: 10.86 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE100972.D

Acq: 24 Dec 2019 15:54

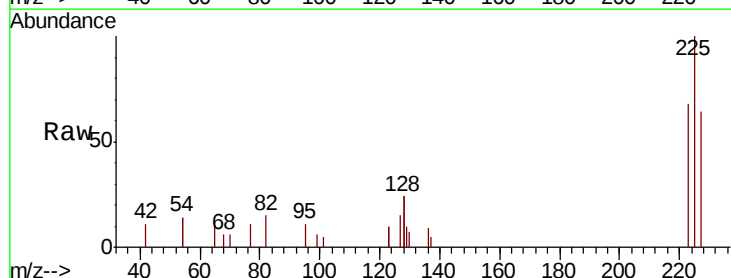
Tgt Ion:225 Resp: 2194

Ion Ratio Lower Upper

225 100

223 64.2 51.4 77.0

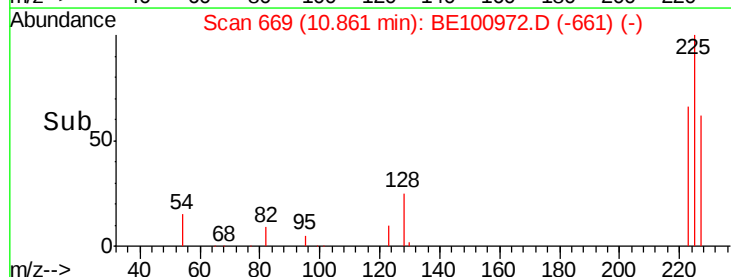
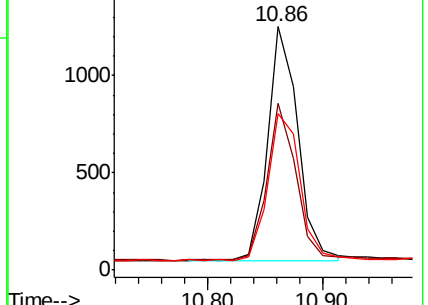
227 67.0 50.2 75.2

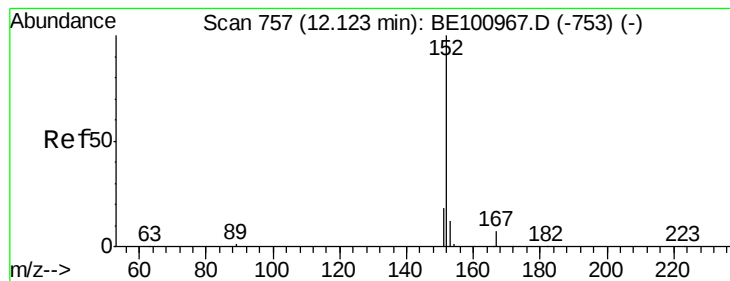


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.419 ng

RT: 12.12 min Scan# 757

Delta R.T. 0.00 min

Lab File: BE100972.D

Acq: 24 Dec 2019 15:54

Instrument :

BNA_E

ClientSampleId :

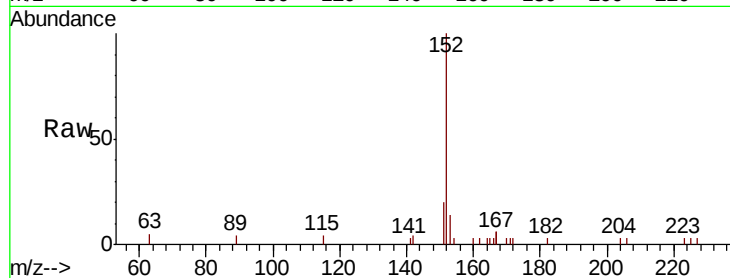
ICVBE122419

Tot Ion:152 Resp: 7205

Ion Ratio Lower Upper

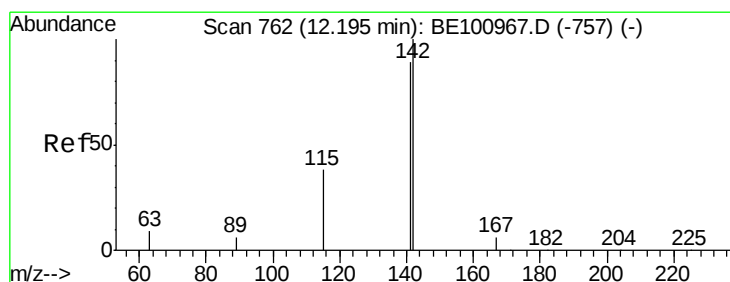
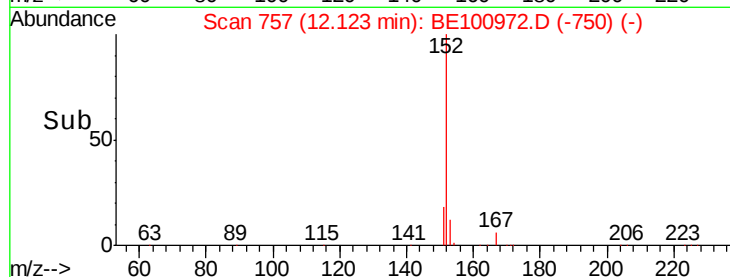
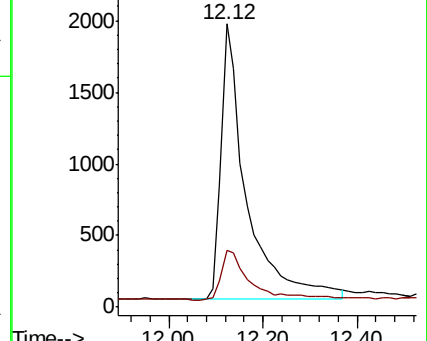
152 100

151 19.6 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.356 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE100972.D

Acq: 24 Dec 2019 15:54

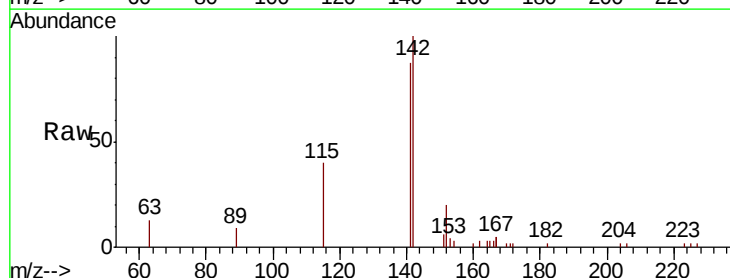
Tgt Ion:142 Resp: 6710

Ion Ratio Lower Upper

142 100

141 86.6 70.8 106.2

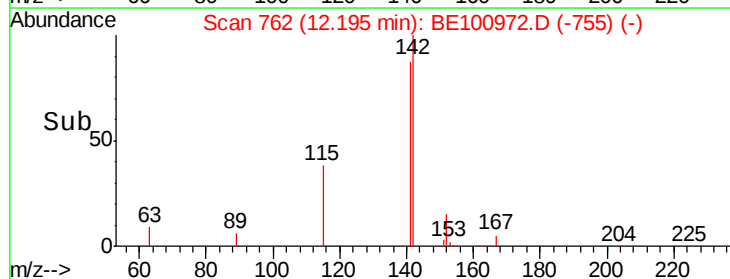
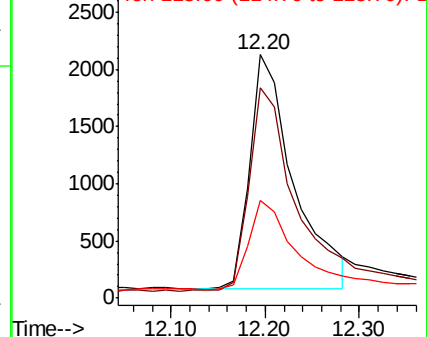
115 39.9 32.0 48.0

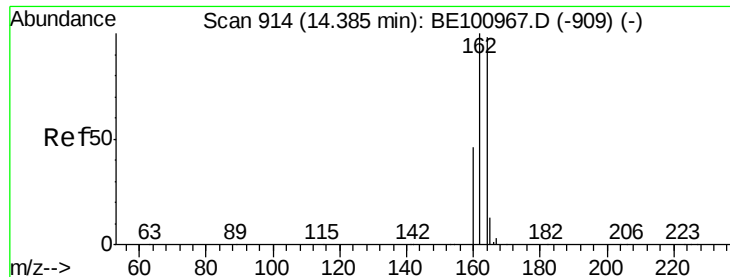


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 914

Delta R.T. 0.00 min

Lab File: BE100972.D

Acq: 24 Dec 2019 15:54

Instrument :

BNA_E

ClientSampleId :

ICVBE122419

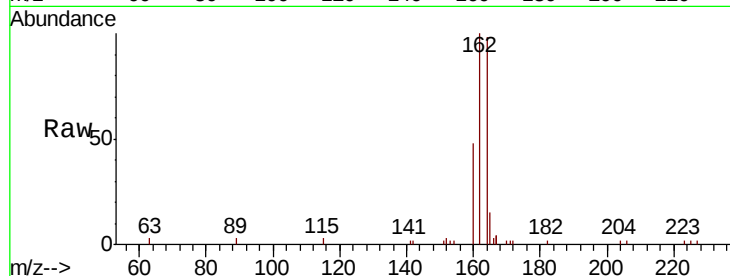
Tot Ion:164 Resp: 7356

Ion Ratio Lower Upper

164 100

162 102.1 81.6 122.4

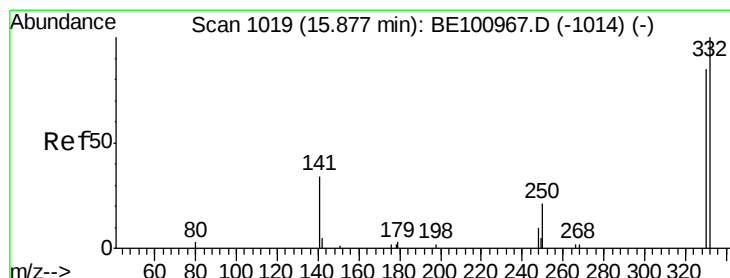
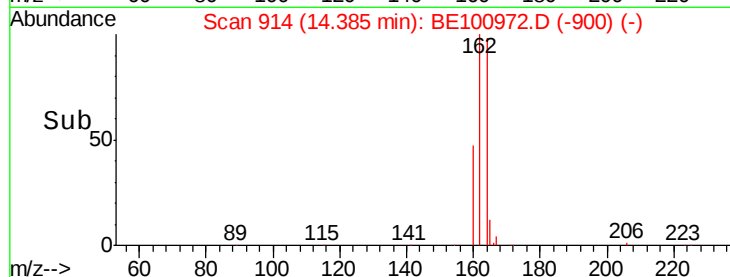
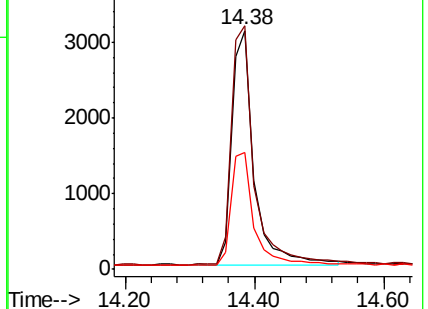
160 48.8 37.7 56.5



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: 0.438 ng

RT: 15.88 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BE100972.D

Acq: 24 Dec 2019 15:54

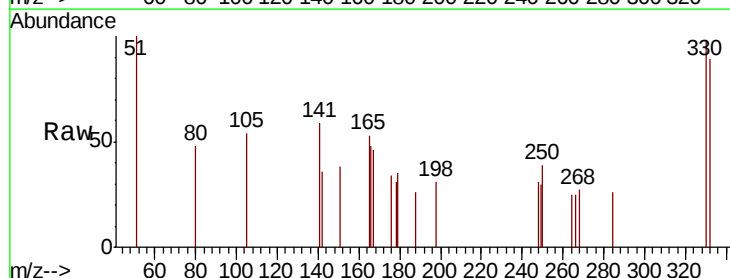
Tgt Ion:330 Resp: 546

Ion Ratio Lower Upper

330 100

332 97.8 72.4 108.6

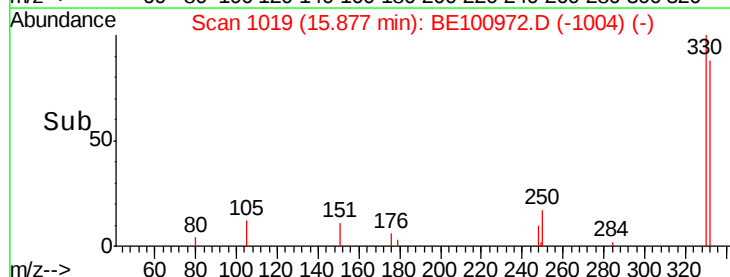
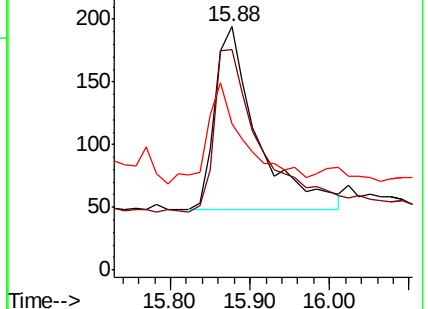
141 48.2 25.4 38.2#

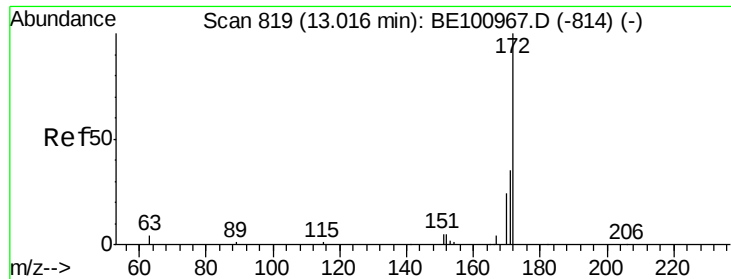


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

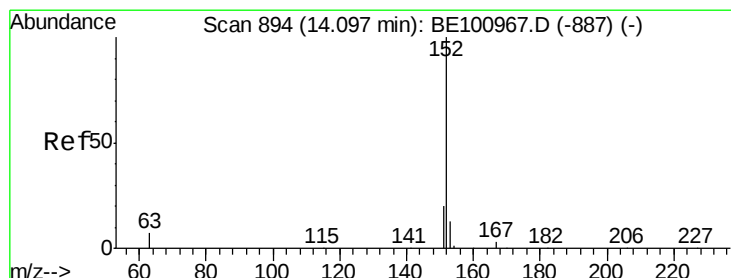
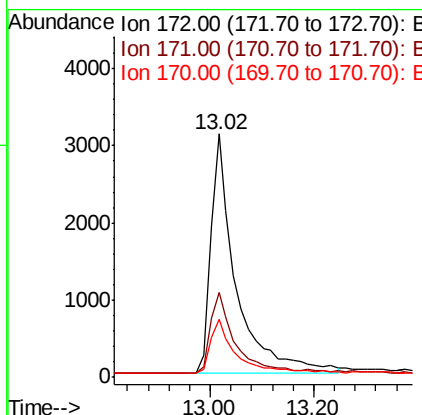
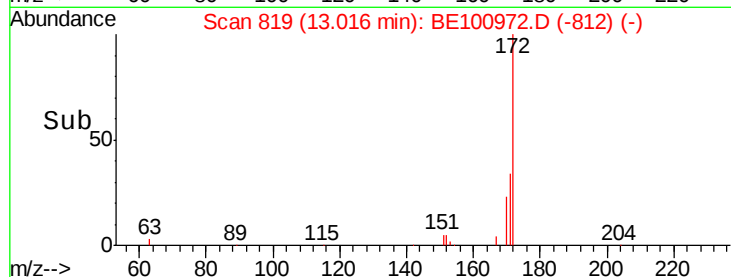
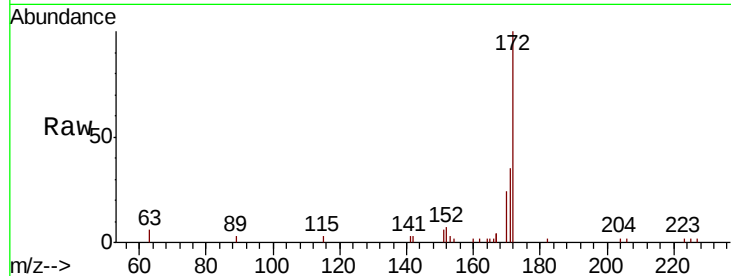




#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.00 min
Lab File: BE100972.D
Acq: 24 Dec 2019 15:54

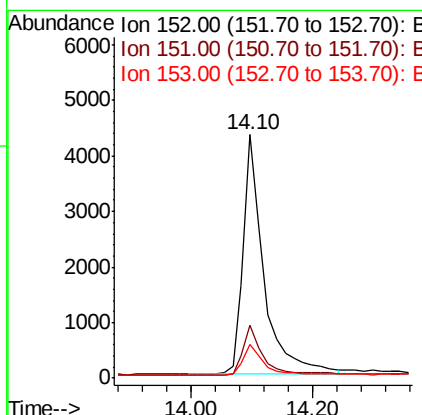
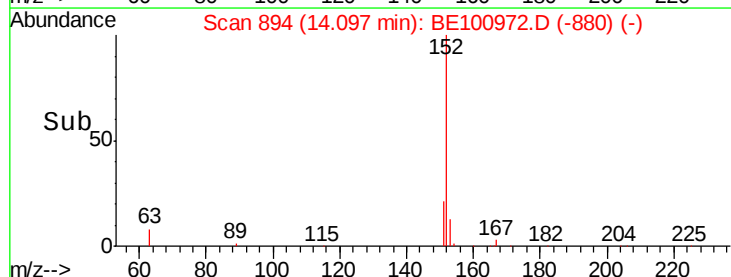
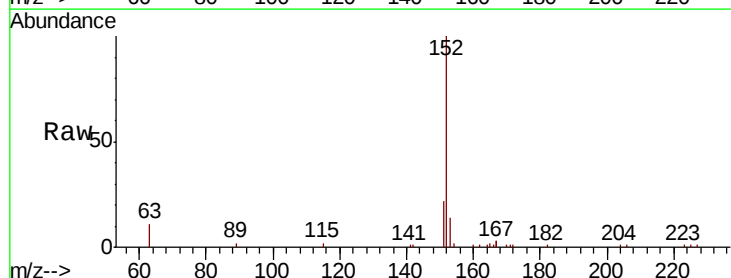
Instrument :
BNA_E
ClientSampleId :
ICVBE122419

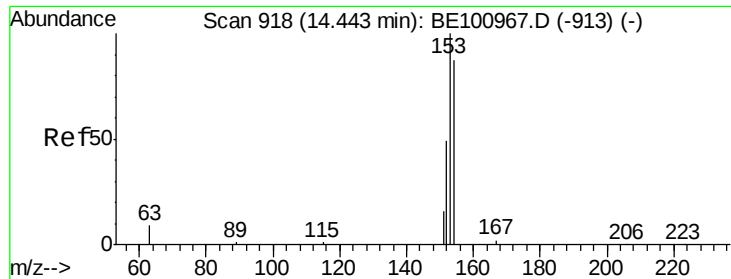
Tot Ion:172 Resp: 10548
Ion Ratio Lower Upper
172 100
171 34.8 29.0 43.6
170 24.0 20.0 30.0



#16
Acenaphthylene
Concen: 0.371 ng
RT: 14.10 min Scan# 894
Delta R.T. 0.00 min
Lab File: BE100972.D
Acq: 24 Dec 2019 15:54

Tgt Ion:152 Resp: 10208
Ion Ratio Lower Upper
152 100
151 20.1 15.5 23.3
153 13.1 10.5 15.7

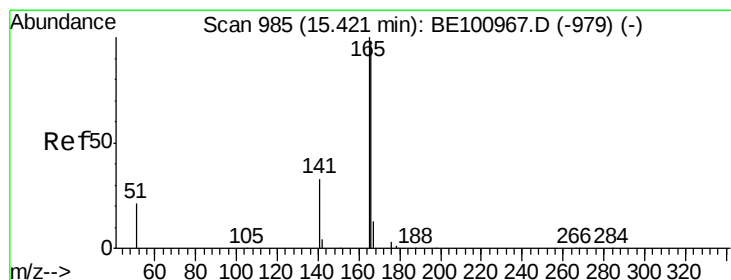
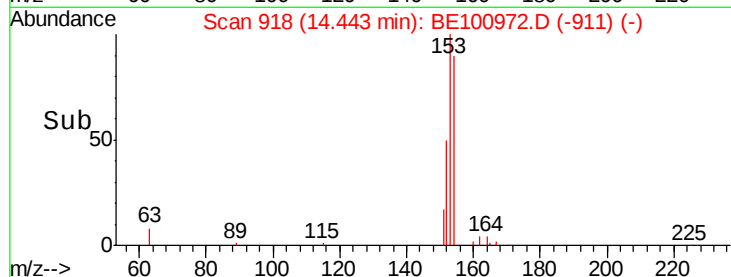
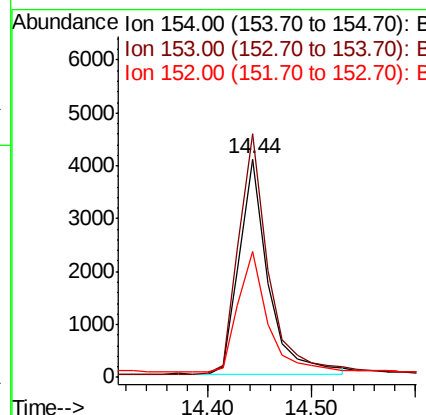
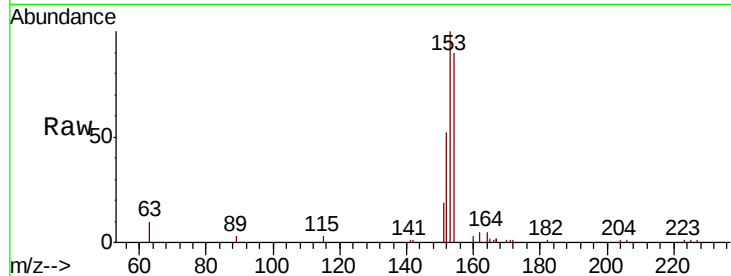




#17
Acenaphthene
Concen: 0.398 ng
RT: 14.44 min Scan# 918
Delta R.T. 0.00 min
Lab File: BE100972.D
Acq: 24 Dec 2019 15:54

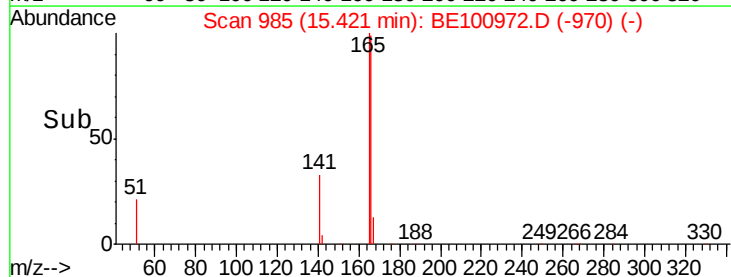
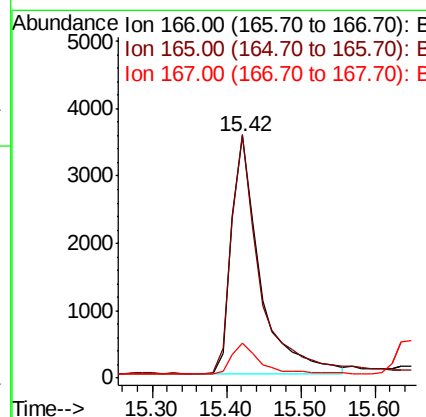
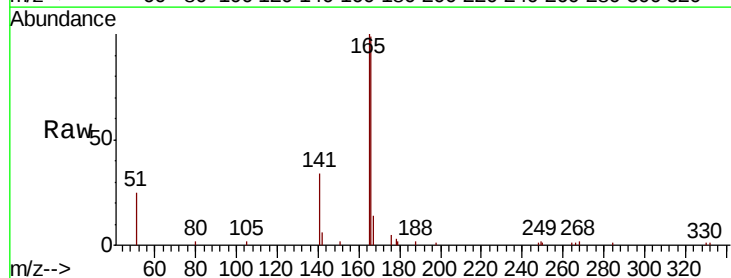
Instrument :
BNA_E
ClientSampleId :
ICVBE122419

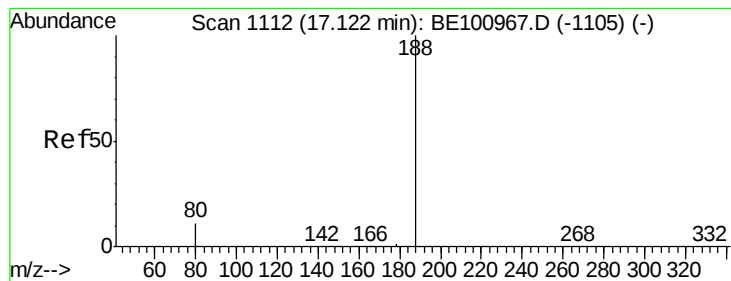
Tot Ion:154 Resp: 7953
Ion Ratio Lower Upper
154 100
153 115.0 91.7 137.5
152 57.1 44.5 66.7



#18
Fluorene
Concen: 0.382 ng
RT: 15.42 min Scan# 985
Delta R.T. 0.00 min
Lab File: BE100972.D
Acq: 24 Dec 2019 15:54

Tgt Ion:166 Resp: 9511
Ion Ratio Lower Upper
166 100
165 99.7 79.4 119.0
167 13.5 10.6 15.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.12 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE100972.D

Acq: 24 Dec 2019 15:54

Instrument :

BNA_E

ClientSampleId :

ICVBE122419

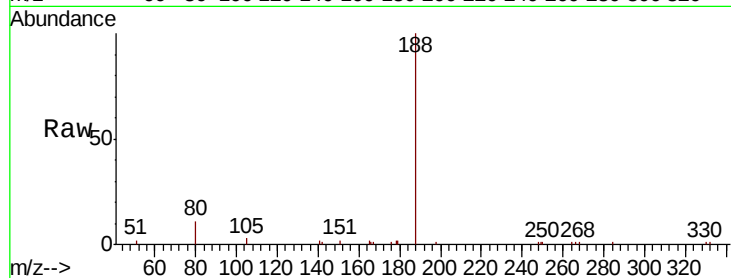
Tot Ion:188 Resp: 18215

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

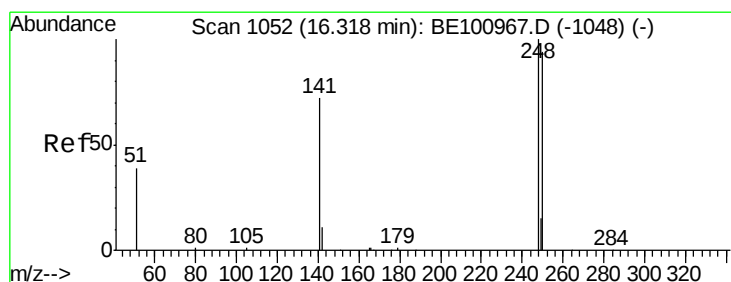
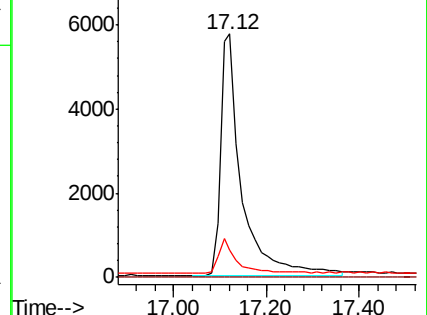
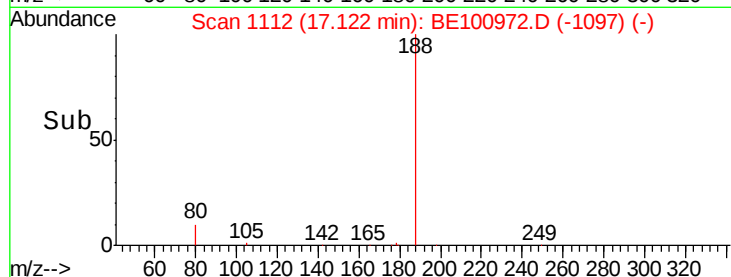
80 11.3 9.7 14.5



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: 0.344 ng

RT: 16.32 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BE100972.D

Acq: 24 Dec 2019 15:54

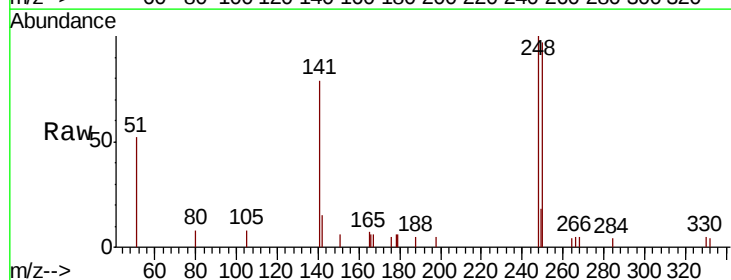
Tgt Ion:248 Resp: 2753

Ion Ratio Lower Upper

248 100

250 97.2 76.0 114.0

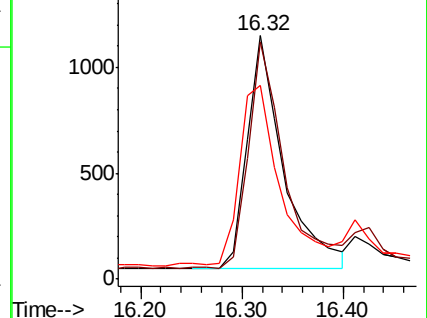
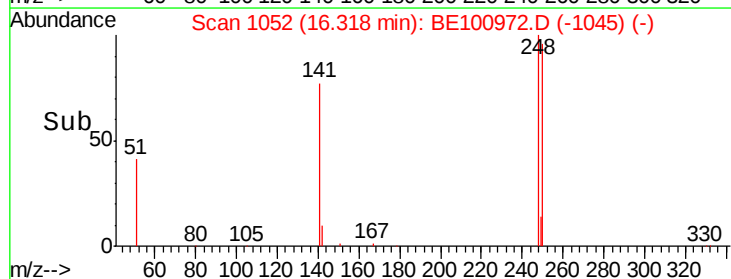
141 79.5 61.0 91.6

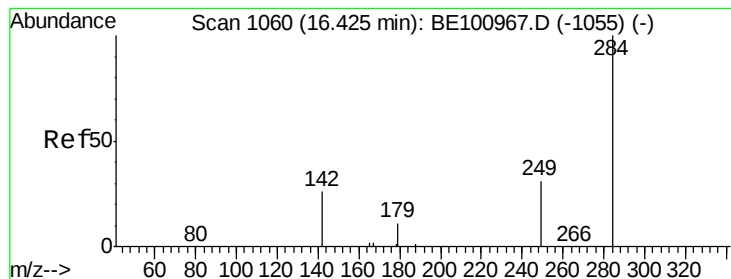


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.365 ng

RT: 16.43 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE100972.D

Acq: 24 Dec 2019 15:54

Instrument :

BNA_E

ClientSampleId :

ICVBE122419

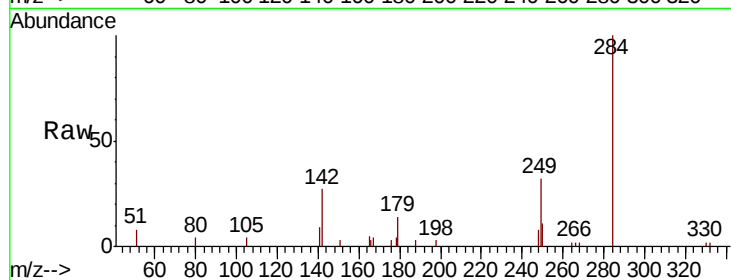
Tot Ion:284 Resp: 3445

Ion Ratio Lower Upper

284 100

142 41.2 33.3 49.9

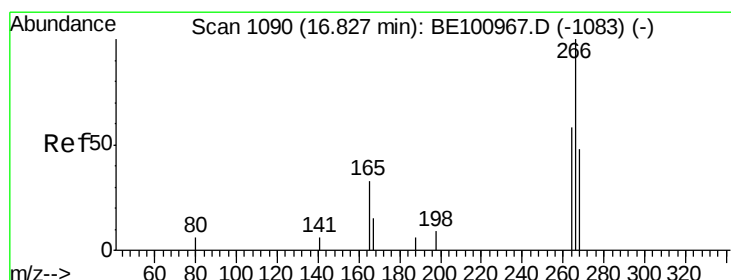
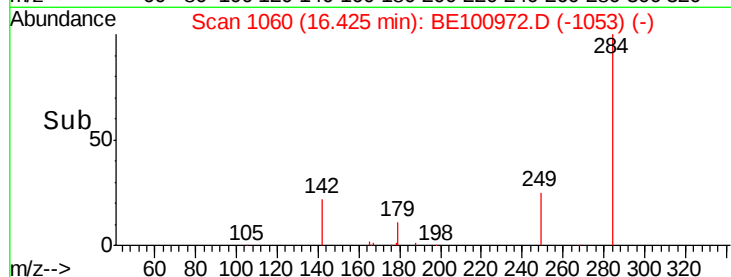
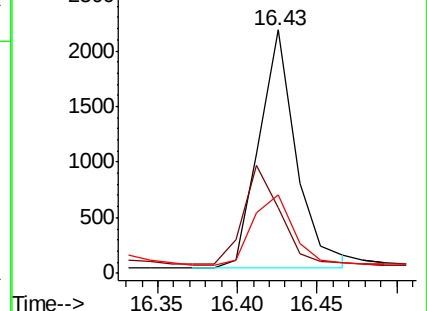
249 32.8 27.2 40.8



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: 0.307 ng

RT: 16.80 min Scan# 1088

Delta R.T. -0.03 min

Lab File: BE100972.D

Acq: 24 Dec 2019 15:54

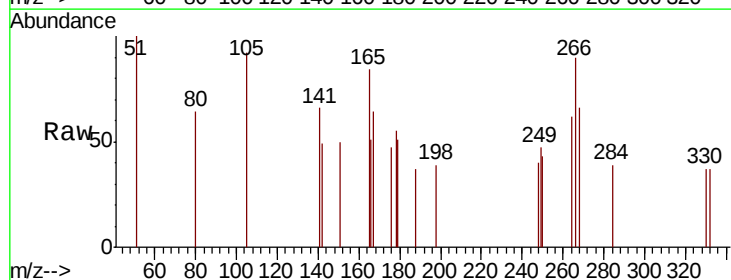
Tgt Ion:266 Resp: 236

Ion Ratio Lower Upper

266 100

264 68.9 62.3 93.5

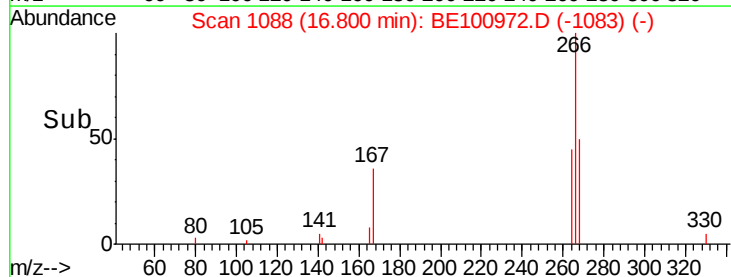
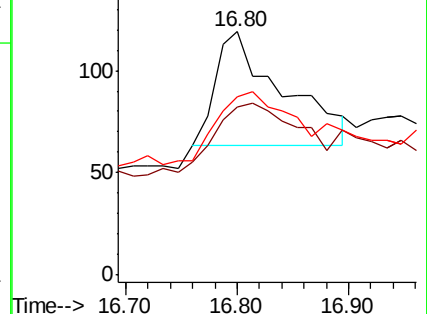
268 73.1 66.1 99.1

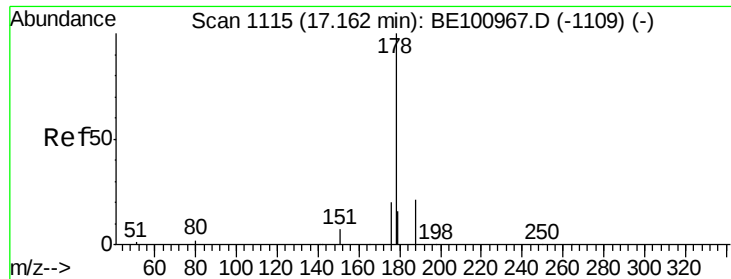


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.371 ng

RT: 17.16 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE100972.D

Acq: 24 Dec 2019 15:54

Instrument :

BNA_E

ClientSampleId :

ICVBE122419

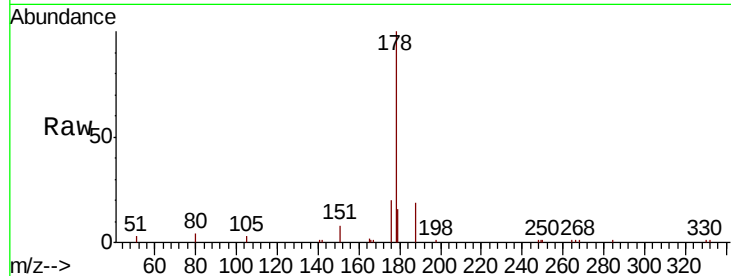
Tot Ion:178 Resp: 17407

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

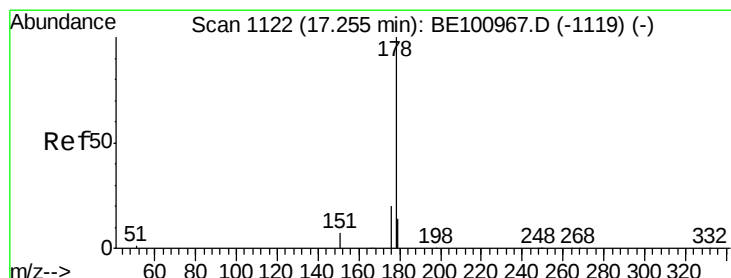
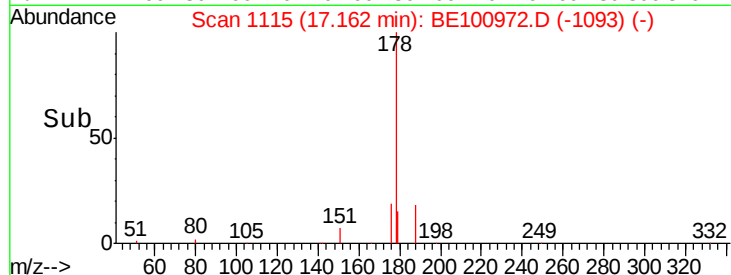
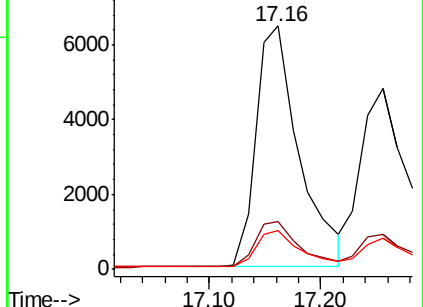
179 15.1 12.6 18.8



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: 0.243 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE100972.D

Acq: 24 Dec 2019 15:54

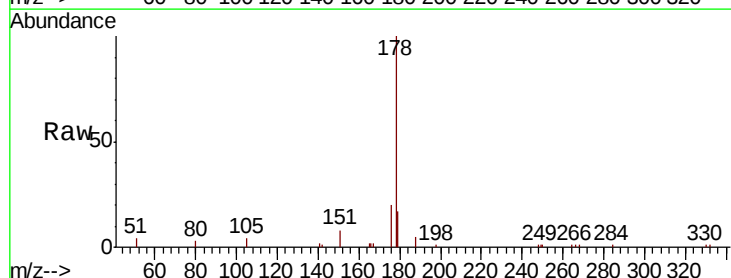
Tgt Ion:178 Resp: 11516

Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.4

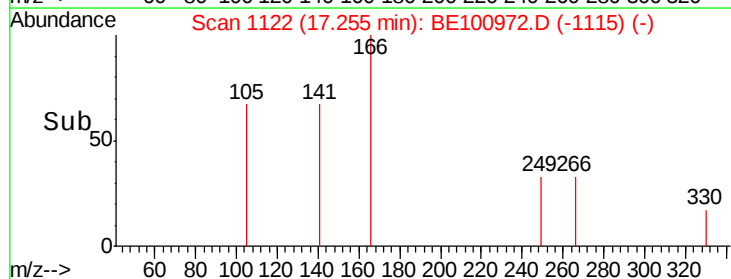
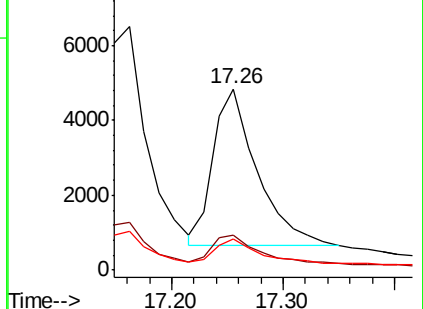
179 14.7 12.5 18.7

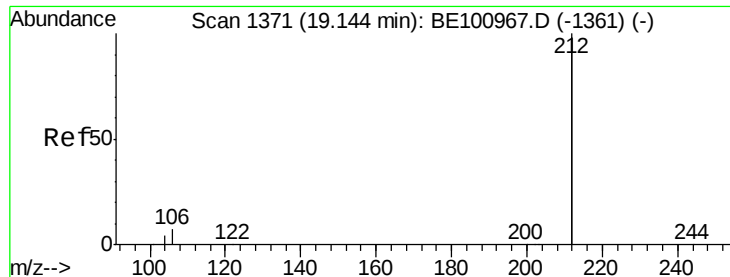


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

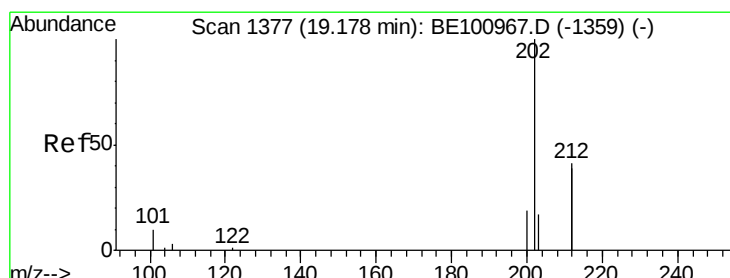
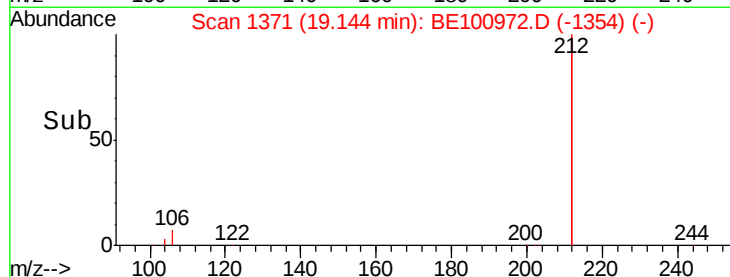
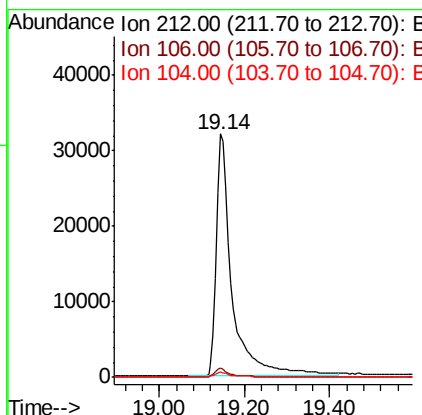
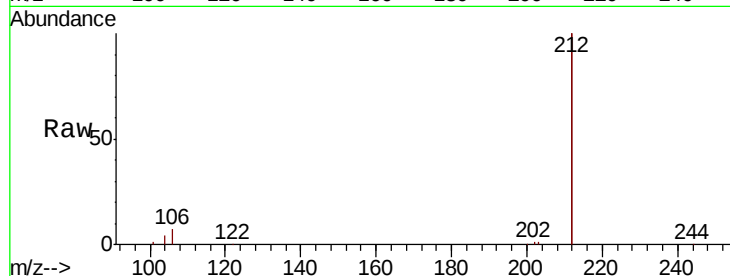




#25
Fluoranthene-d10
Concen: 0.366 ng
RT: 19.14 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BE100972.D
Acq: 24 Dec 2019 15:54

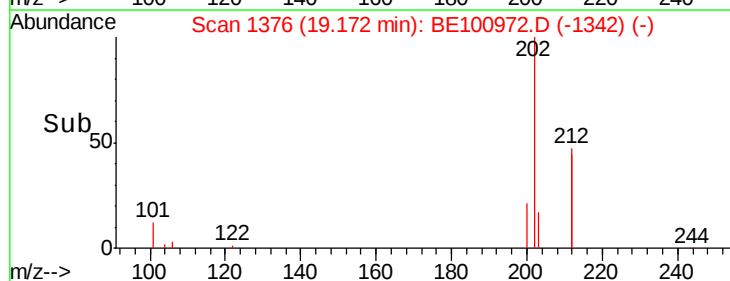
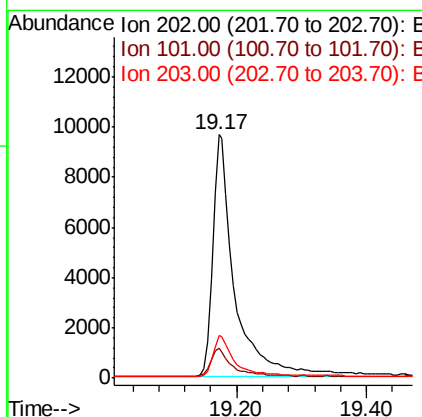
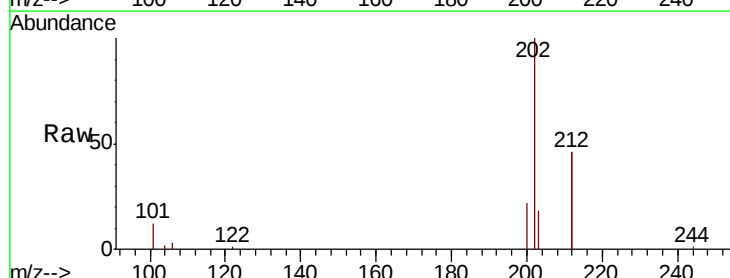
Instrument :
BNA_E
ClientSampleId :
ICVBE122419

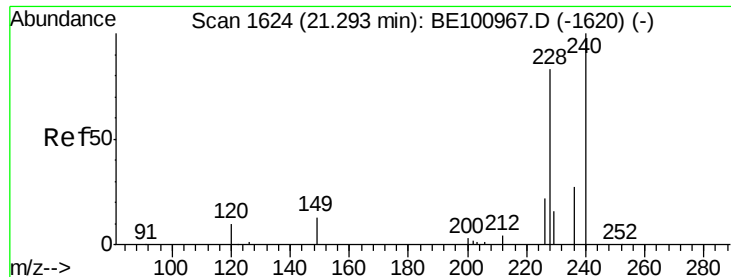
Tot Ion:212 Resp: 80967
Ion Ratio Lower Upper
212 100
106 3.2 2.4 3.6
104 1.8 1.4 2.0



#26
Fluoranthene
Concen: 0.356 ng
RT: 19.17 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BE100972.D
Acq: 24 Dec 2019 15:54

Tgt Ion:202 Resp: 22804
Ion Ratio Lower Upper
202 100
101 11.5 9.0 13.4
203 16.8 13.2 19.8

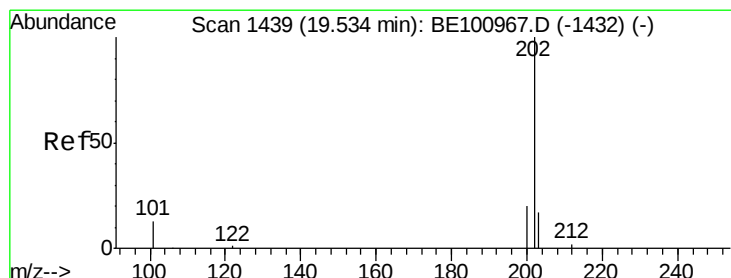
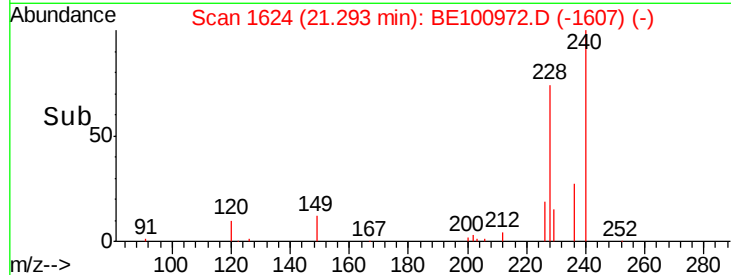
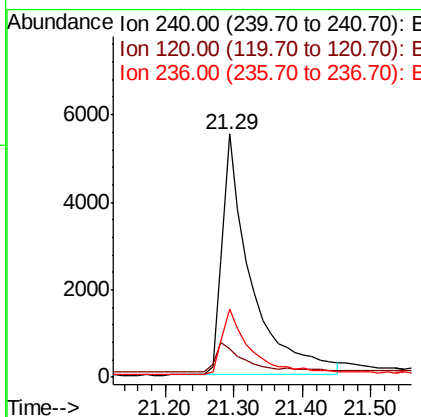
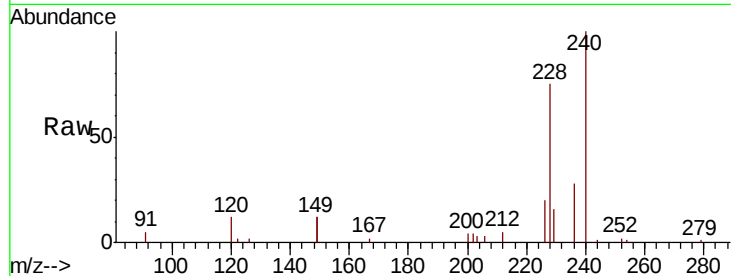




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BE100972.D
 Acq: 24 Dec 2019 15:54

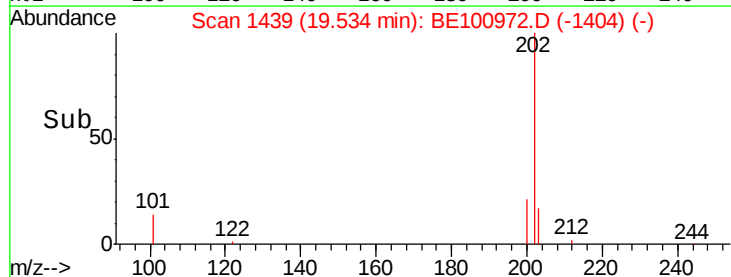
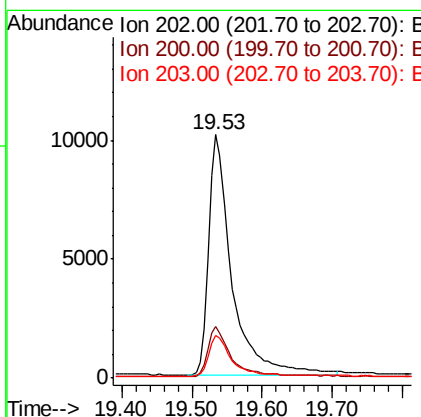
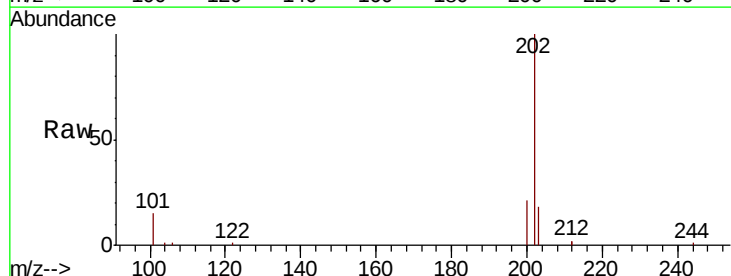
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE122419

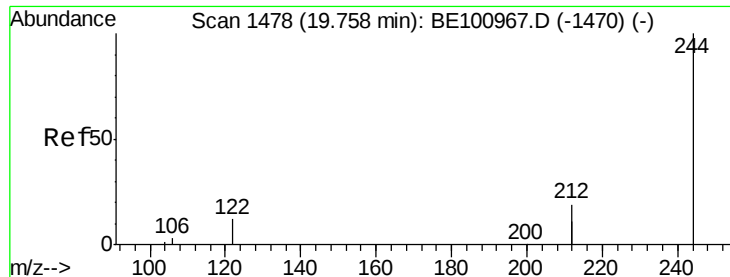
Tot Ion:	240	Resp:	16219
Ion	Ratio	Lower	Upper
240	100		
120	12.0	10.2	15.4
236	28.2	22.6	34.0



#28
 Pyrene
 Concen: 0.411 ng
 RT: 19.53 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BE100972.D
 Acq: 24 Dec 2019 15:54

Tgt Ion:	202	Resp:	23333
Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.2	13.8	20.6





#29

Terphenyl-d14

Concen: 0.408 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BE100972.D

Acq: 24 Dec 2019 15:54

Instrument :

BNA_E

ClientSampleId :

ICVBE122419

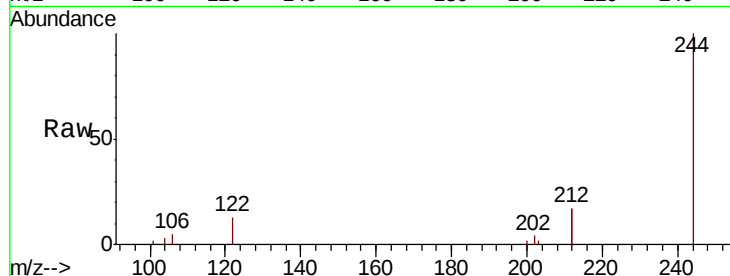
Tot Ion:244 Resp: 15205

Ion Ratio Lower Upper

244 100

212 34.4 29.3 43.9

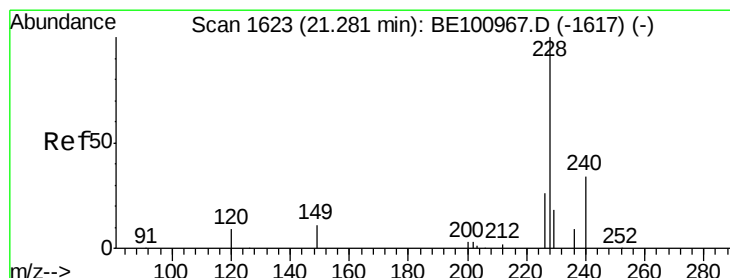
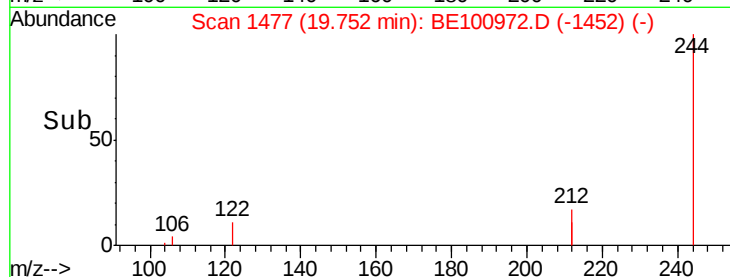
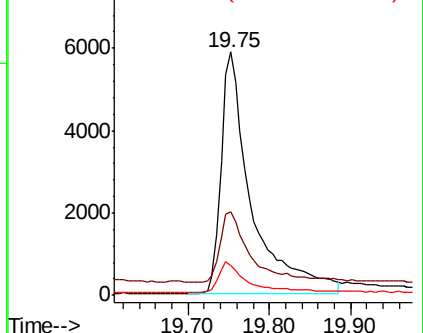
122 12.5 10.2 15.4



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: 0.362 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100972.D

Acq: 24 Dec 2019 15:54

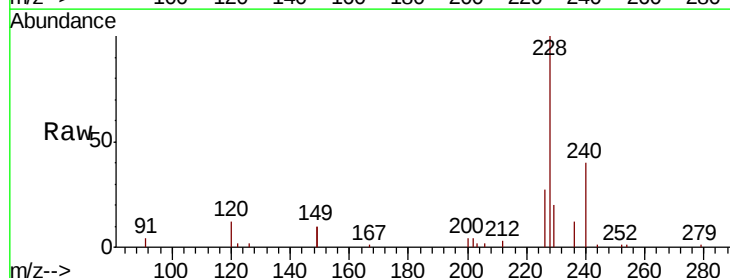
Tgt Ion:228 Resp: 14374

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.6

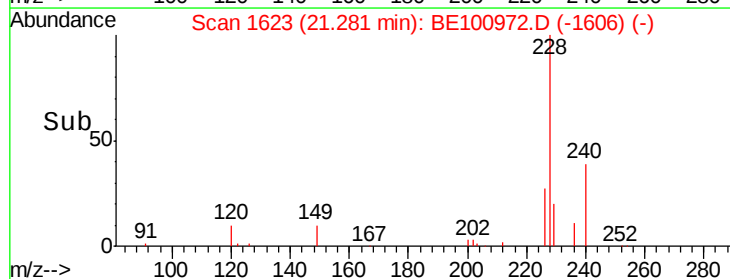
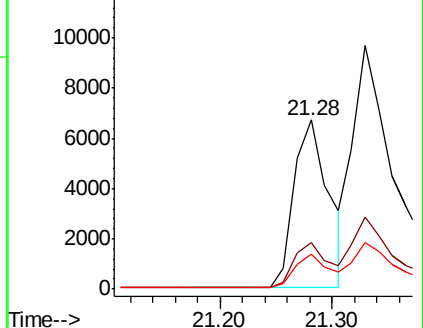
229 20.3 15.4 23.0

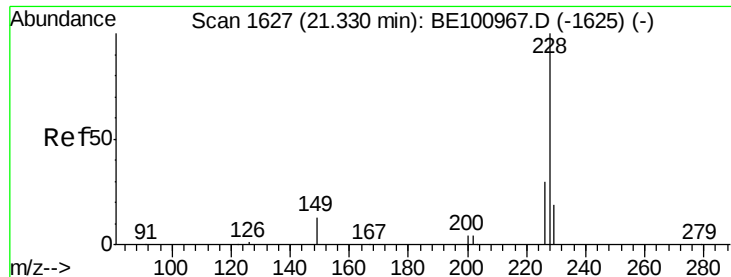


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.269 ng

RT: 21.33 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100972.D

Acq: 24 Dec 2019 15:54

Instrument :

BNA_E

ClientSampleId :

ICVBE122419

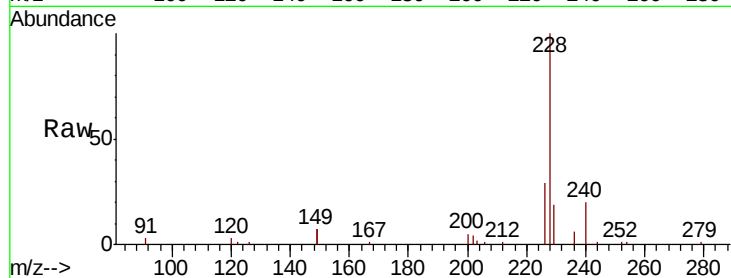
Tot Ion:228 Resp: 19885

Ion Ratio Lower Upper

228 100

226 29.4 23.6 35.4

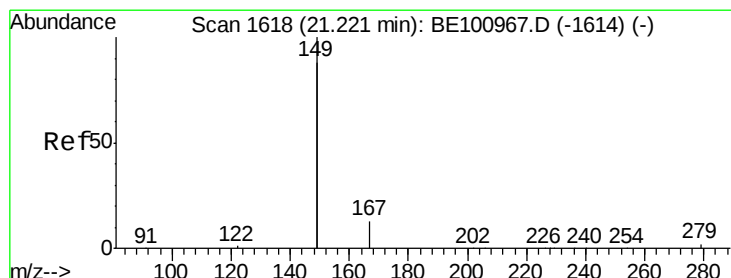
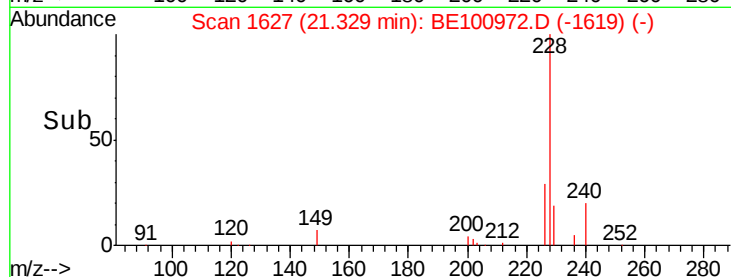
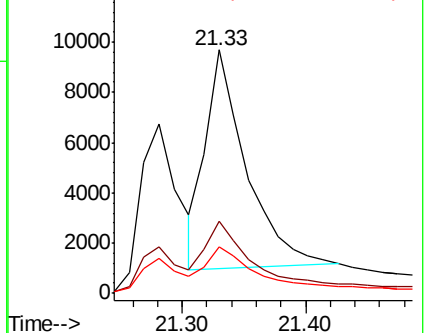
229 19.3 15.7 23.5



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: 0.411 ng

RT: 21.22 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BE100972.D

Acq: 24 Dec 2019 15:54

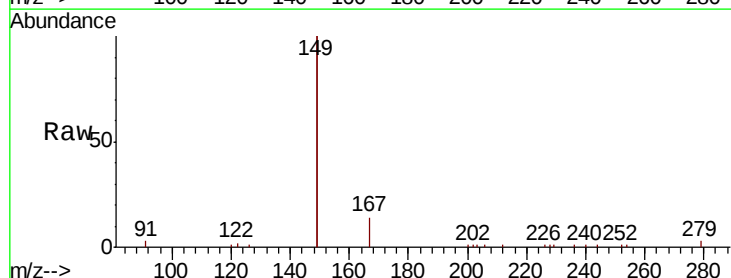
Tgt Ion:149 Resp: 28912

Ion Ratio Lower Upper

149 100

167 6.6 5.1 7.7

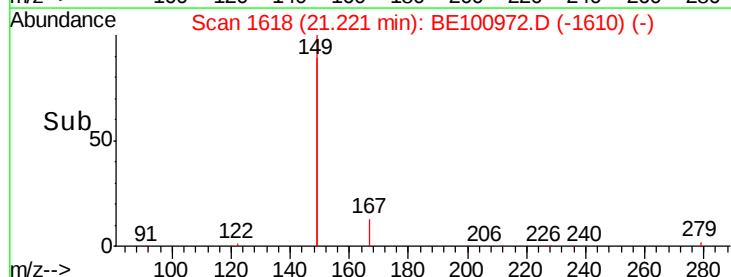
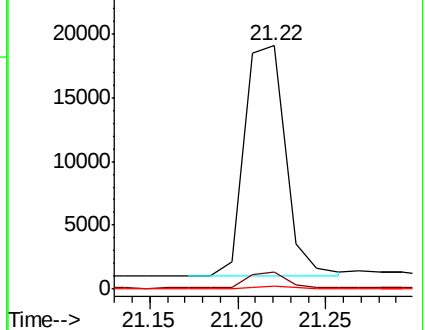
279 0.8 0.6 1.0

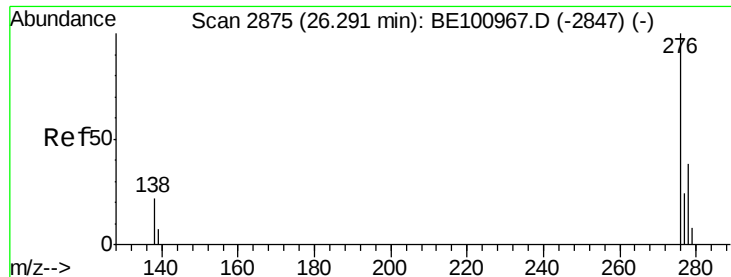


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.373 ng

RT: 26.29 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BE100972.D

Acq: 24 Dec 2019 15:54

Instrument :

BNA_E

ClientSampleId :

ICVBE122419

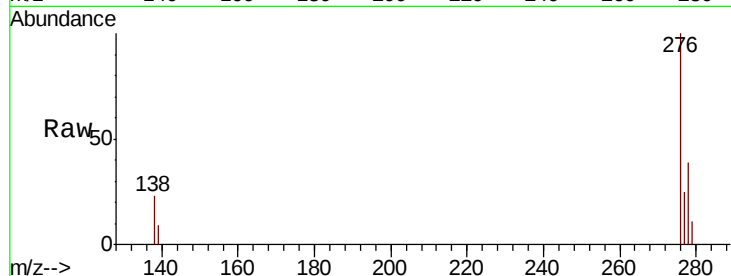
Tot Ion:276 Resp: 20736

Ion Ratio Lower Upper

276 100

138 21.0 14.8 22.2

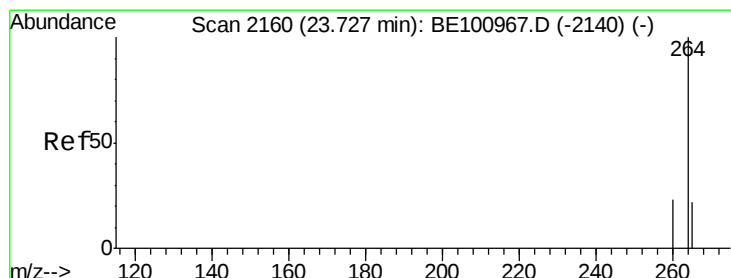
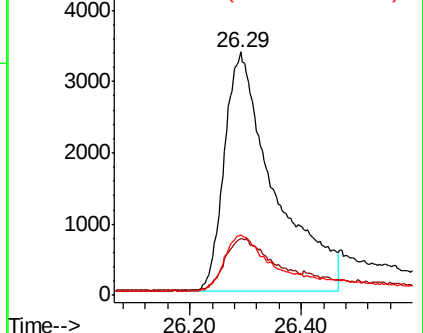
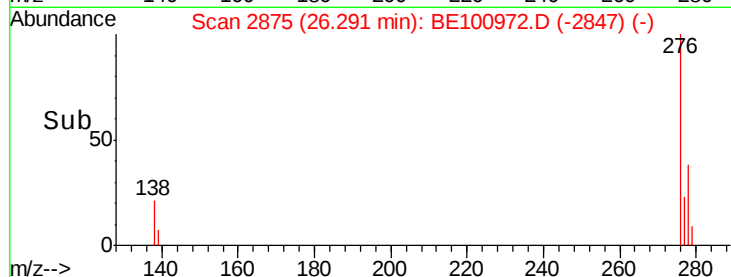
277 20.4 18.0 27.0



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: 23.73 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BE100972.D

Acq: 24 Dec 2019 15:54

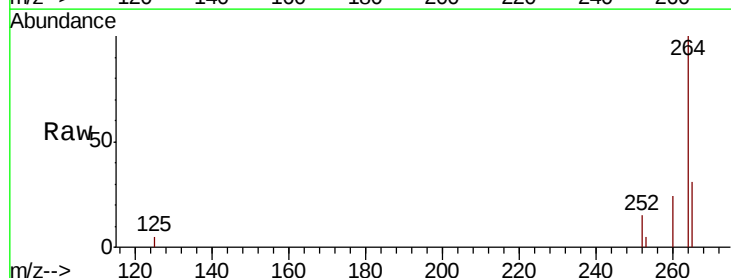
Tgt Ion:264 Resp: 19470

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

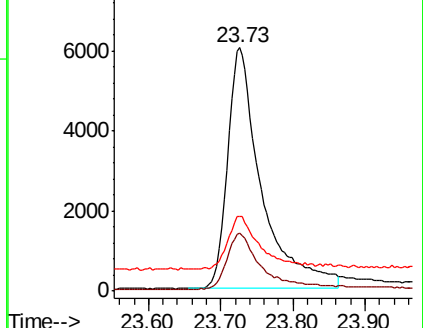
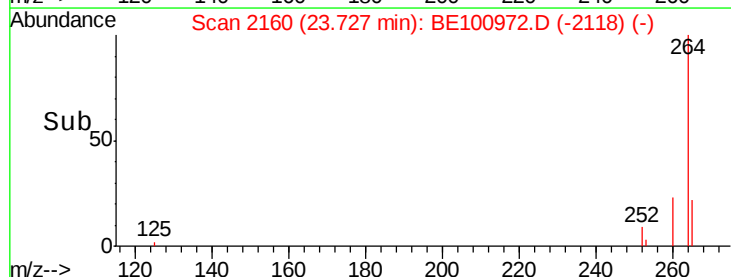
265 30.7 26.6 40.0

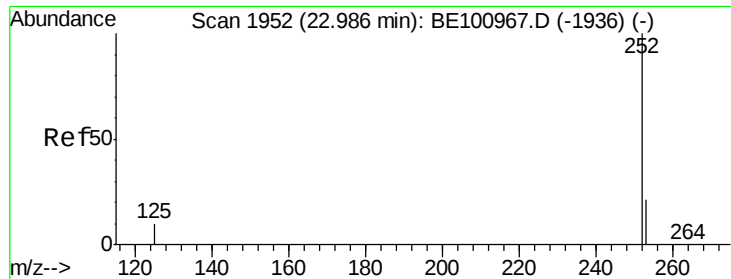


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.379 ng

RT: 22.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BE100972.D

Acq: 24 Dec 2019 15:54

Instrument :

BNA_E

ClientSampleId :

ICVBE122419

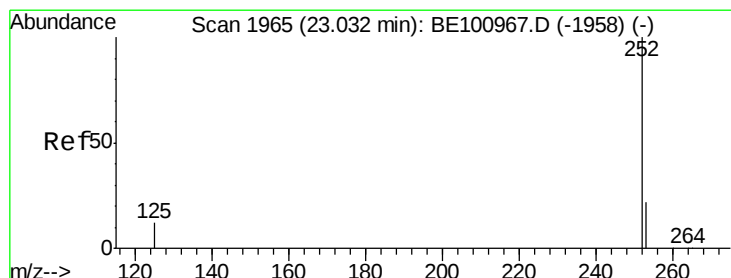
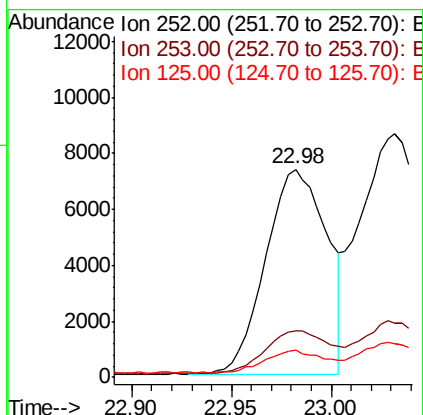
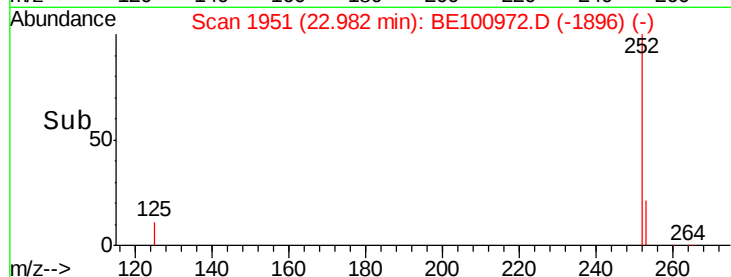
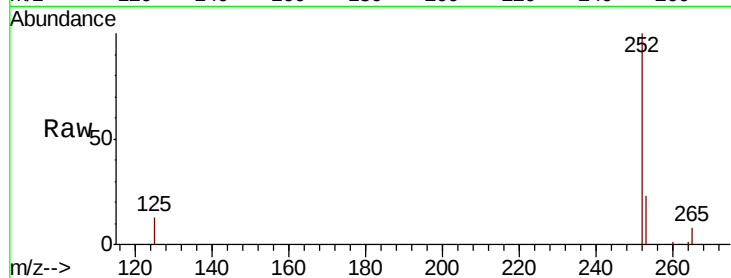
Tot Ion:252 Resp: 15539

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

125 12.9 9.7 14.5



#36

Benzo(k)fluoranthene

Concen: 0.369 ng

RT: 23.03 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BE100972.D

Acq: 24 Dec 2019 15:54

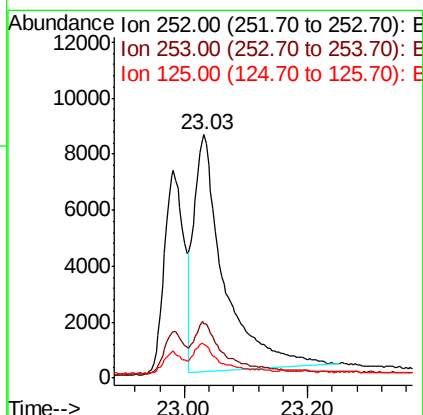
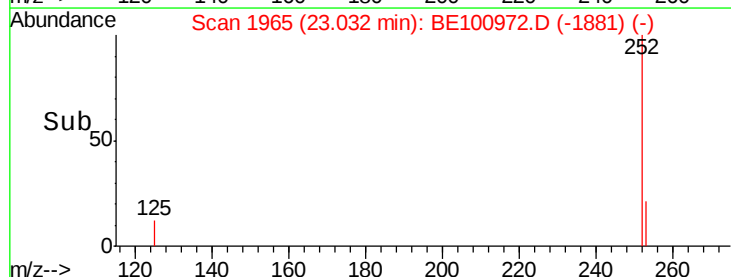
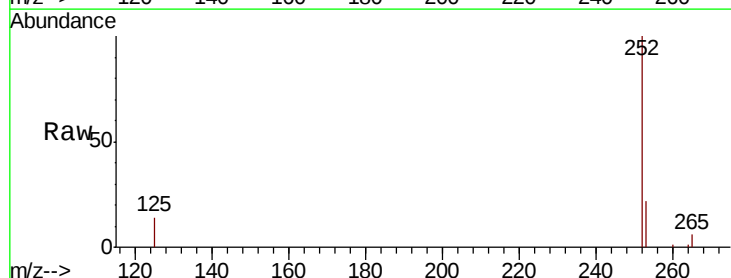
Tgt Ion:252 Resp: 28658

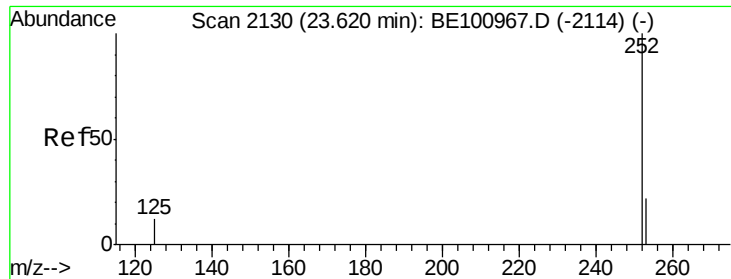
Ion Ratio Lower Upper

252 100

253 22.4 18.9 28.3

125 14.1 11.2 16.8





#37

Benzo(a)pyrene

Concen: 0.393 ng

RT: 23.62 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BE100972.D

Acq: 24 Dec 2019 15:54

Instrument :

BNA_E

ClientSampleId :

ICVBE122419

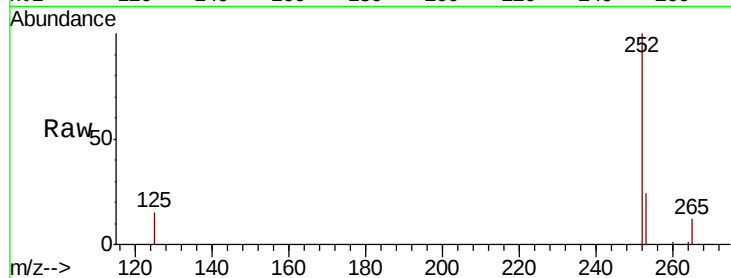
Tot Ion:252 Resp: 18804

Ion Ratio Lower Upper

252 100

253 24.0 20.1 30.1

125 15.2 12.6 18.8

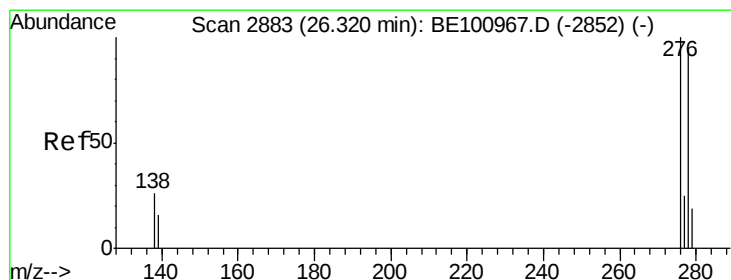
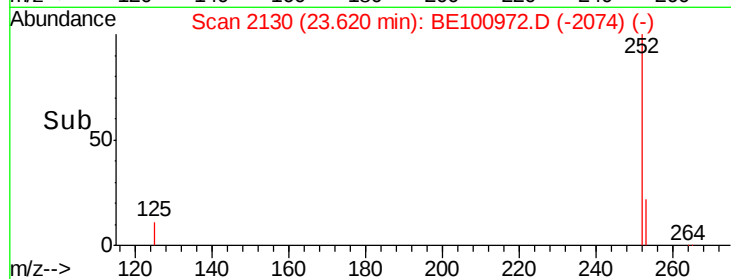
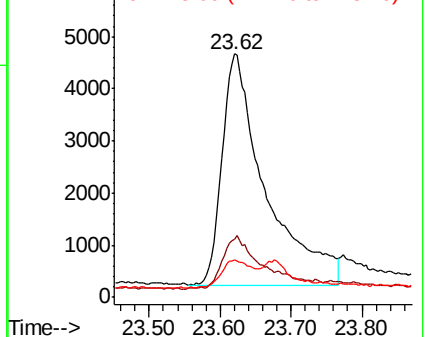


Abundance

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: 0.097 ng

RT: 26.31 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BE100972.D

Acq: 24 Dec 2019 15:54

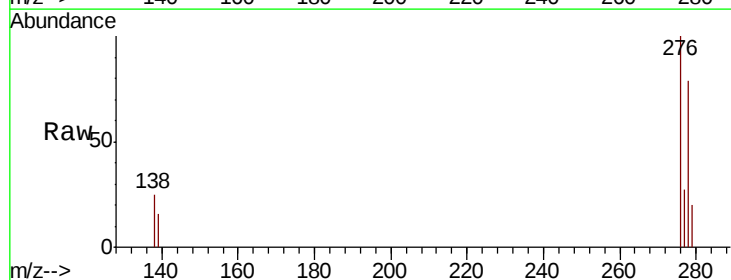
Tgt Ion:278 Resp: 4211

Ion Ratio Lower Upper

278 100

139 20.2 16.4 24.6

279 25.5 19.3 28.9

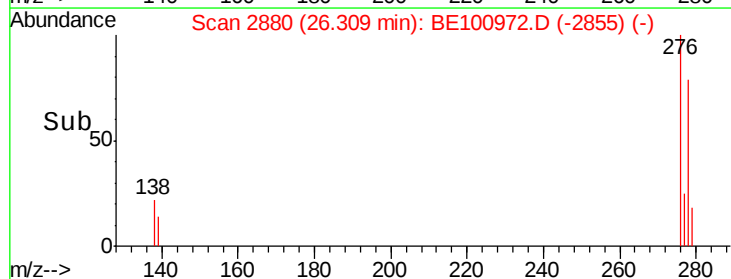
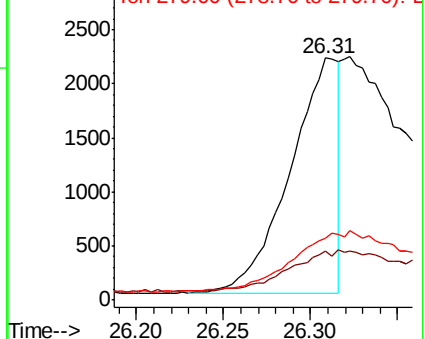


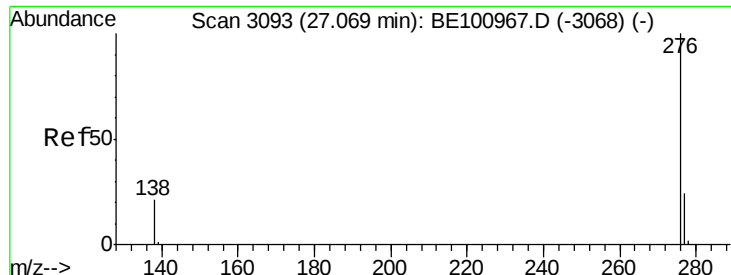
Abundance

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: 0.388 ng

RT: 27.06 min Scan# 3092

Delta R.T. -0.00 min

Lab File: BE100972.D

Acq: 24 Dec 2019 15:54

Instrument :

BNA_E

ClientSampleId :

ICVBE122419

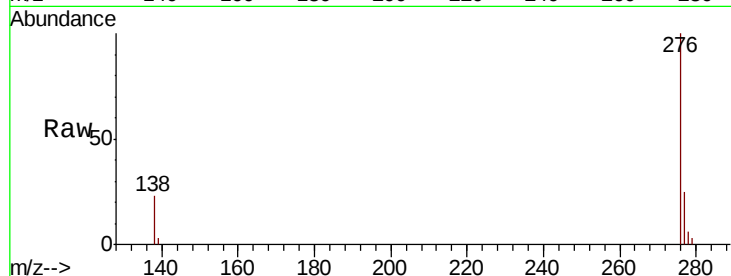
Tot Ion: 276 Resp: 19819

Ion Ratio Lower Upper

276 100

277 24.8 20.0 30.0

138 22.7 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

