

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122719\
 Data File : BE100999.D
 Acq On : 27 Dec 2019 18:44
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Dec 27 22:45:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 17:39:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2436	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	12448	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	7534	0.40	ng	-0.01
19) Phenanthrene-d10	17.11	188	16643	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	14128	0.40	ng	0.00
34) Perylene-d12	23.72	264	16493	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	1669	0.41	ng	0.00
5) Phenol-d6	6.95	99	1775	0.40	ng	-0.03
8) Nitrobenzene-d5	8.91	82	2188	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	7968	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	528	0.43	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	11565	0.43	ng	0.00
25) Fluoranthene-d10	19.14	212	74812	0.37	ng	0.00
29) Terphenyl-d14	19.75	244	15023	0.46	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	2294	0.214	ng	# 79
3) n-Nitrosodimethylamine	3.66	42	840	0.580	ng	# 76
6) bis(2-Chloroethyl)ether	7.19	93	2396	0.272	ng	87
9) Naphthalene	10.58	128	54649	0.413	ng	100
10) Hexachlorobutadiene	10.86	225	2469	0.422	ng	99
12) 2-Methylnaphthalene	12.19	142	7505	0.374	ng	99
16) Acenaphthylene	14.10	152	9841	0.349	ng	98
17) Acenaphthene	14.44	154	8449	0.413	ng	99
18) Fluorene	15.42	166	10125	0.397	ng	98
20) 4-Bromophenyl-phenylether	16.32	248	2749	0.376	ng	95
21) Hexachlorobenzene	16.43	284	3422	0.397	ng	99
22) Pentachlorophenol	16.79	266	225	0.316	ng	95
23) Phenanthrene	17.16	178	16916	0.394	ng	100
24) Anthracene	17.26	178	9879	0.228	ng	99
26) Fluoranthene	19.17	202	21471	0.367	ng	99
28) Pyrene	19.53	202	22194	0.449	ng	100
30) Benzo(a)anthracene	21.28	228	14193	0.410	ng	99
31) Chrysene	21.33	228	18636	0.289	ng	99
32) Bis(2-ethylhexyl)phthalate	21.21	149	23149	0.377	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.28	276	20156	0.416	ng	99
35) Benzo(b)fluoranthene	22.98	252	15606	0.449	ng	100
36) Benzo(k)fluoranthene	23.03	252	26818	0.407	ng	99
37) Benzo(a)pyrene	23.61	252	15907	0.392	ng	97
38) Dibenzo(a,h)anthracene	26.31	278	13083	0.356	ng	95
39) Benzo(g,h,i)perylene	27.06	276	19106	0.442	ng	100

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

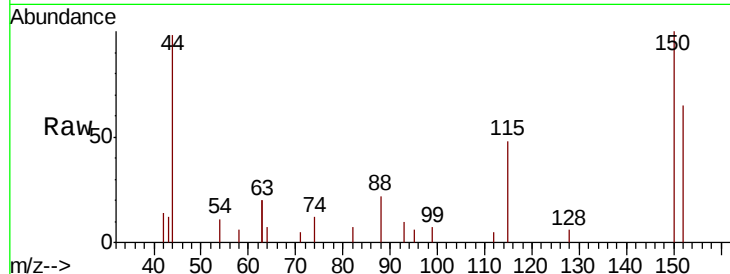


#1

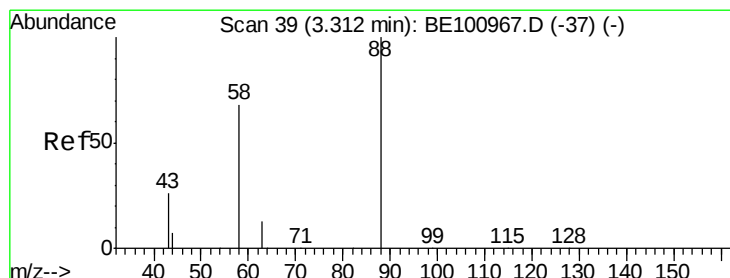
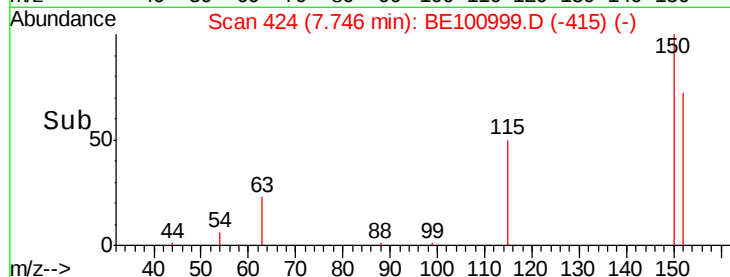
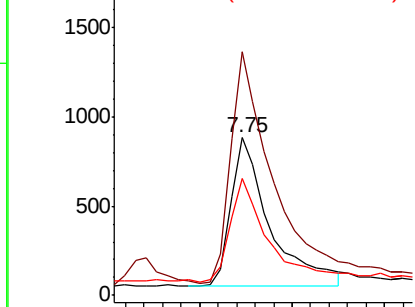
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. -0.00 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 2436
Ion Ratio Lower Upper
152 100
150 154.6 132.6 199.0
115 73.8 64.1 96.1



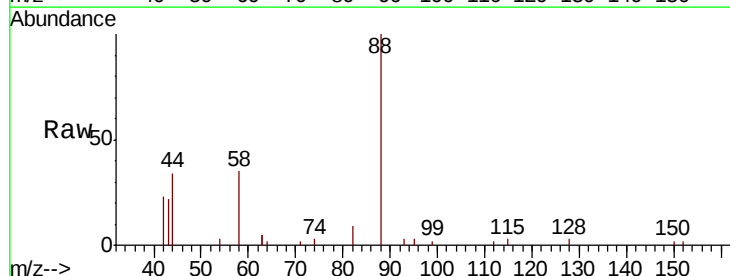
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



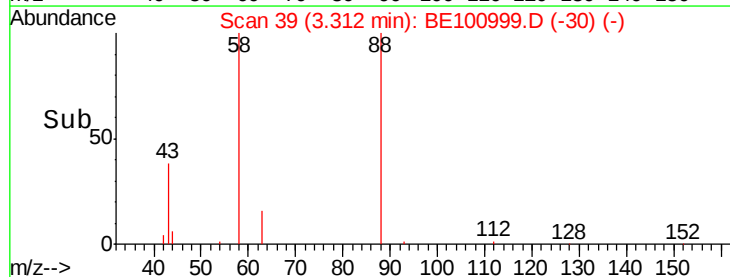
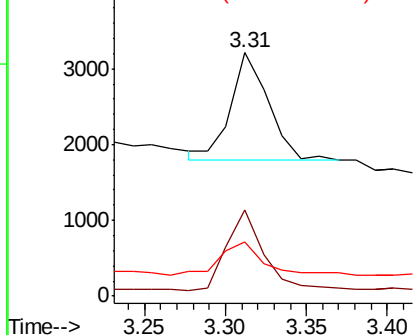
#2

1,4-Dioxane
Concen: 0.214 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Tgt Ion: 88 Resp: 2294
Ion Ratio Lower Upper
88 100
58 72.3 44.2 66.4#
43 34.8 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: 0.580 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.01 min

Lab File: BE100999.D

Acq: 27 Dec 2019 18:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

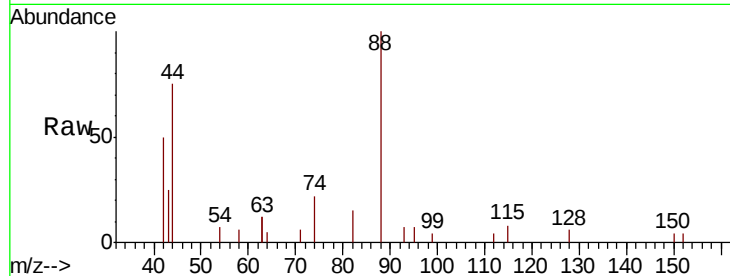
Tot Ion: 42 Resp: 840

Ion Ratio Lower Upper

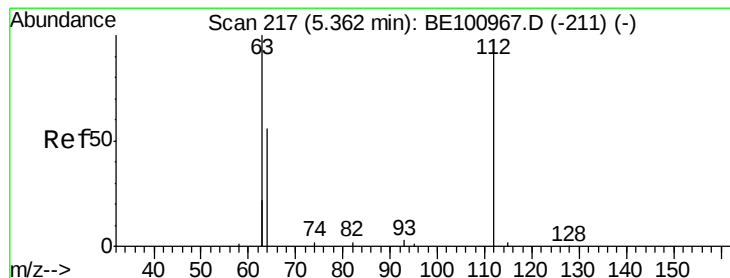
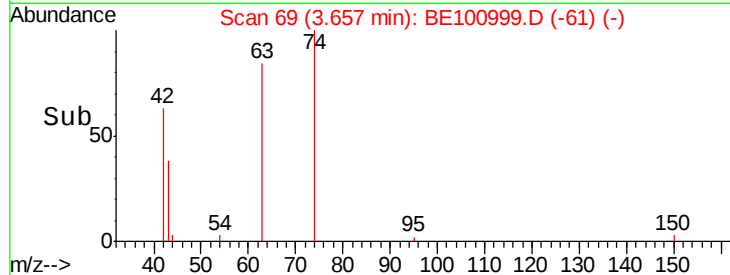
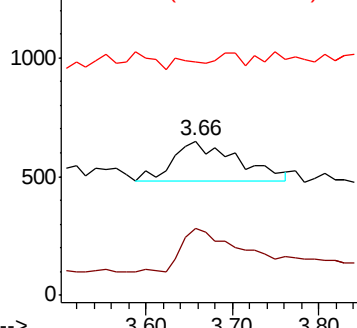
42 100

74 115.7 116.6 174.8#

44 0.0 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: 0.405 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.00 min

Lab File: BE100999.D

Acq: 27 Dec 2019 18:44

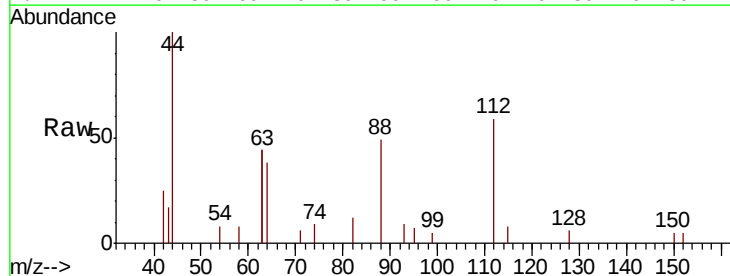
Tgt Ion: 112 Resp: 1669

Ion Ratio Lower Upper

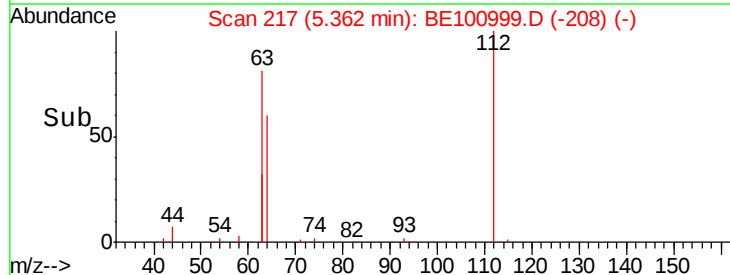
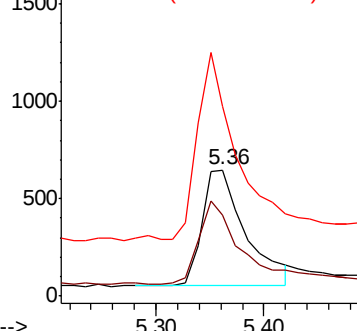
112 100

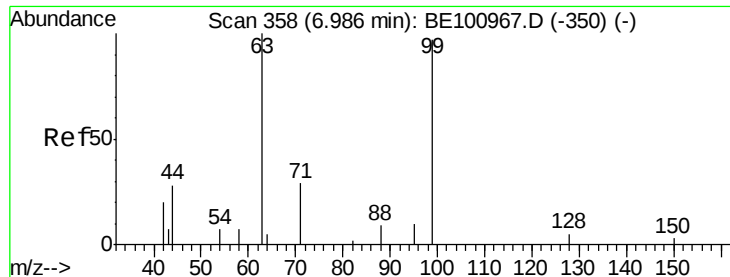
64 65.7 59.0 88.6

63 146.7 121.4 182.0



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: 0.402 ng

RT: 6.95 min Scan# 355

Delta R.T. -0.03 min

Lab File: BE100999.D

Acq: 27 Dec 2019 18:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

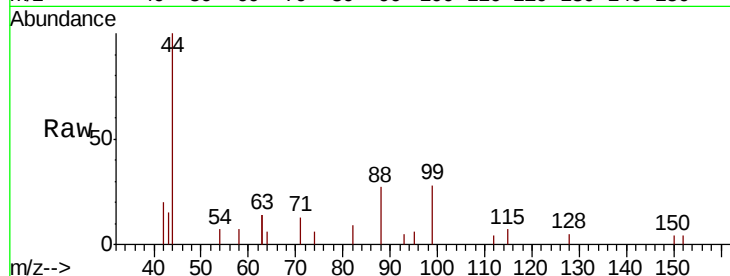
Tot Ion: 99 Resp: 1775

Ion Ratio Lower Upper

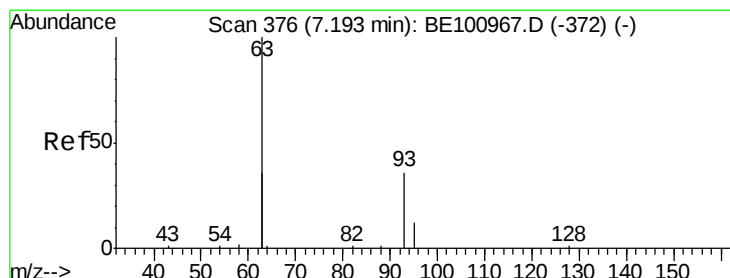
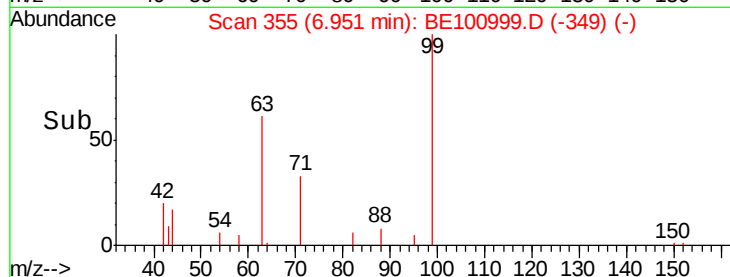
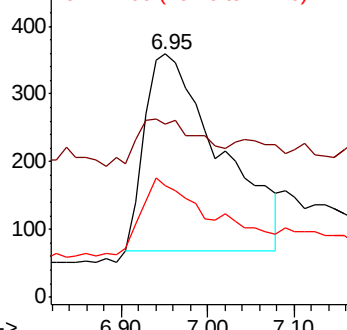
99 100

42 18.1 0.0 0.0#

71 31.2 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: 0.272 ng

RT: 7.19 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE100999.D

Acq: 27 Dec 2019 18:44

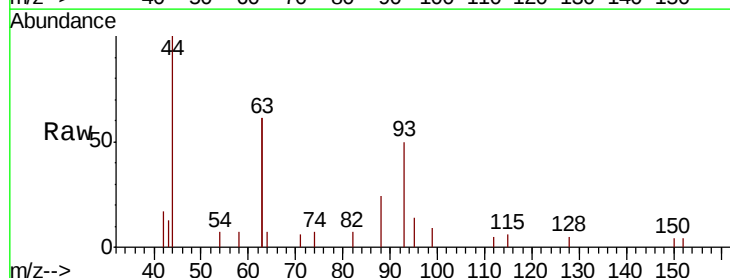
Tgt Ion: 93 Resp: 2396

Ion Ratio Lower Upper

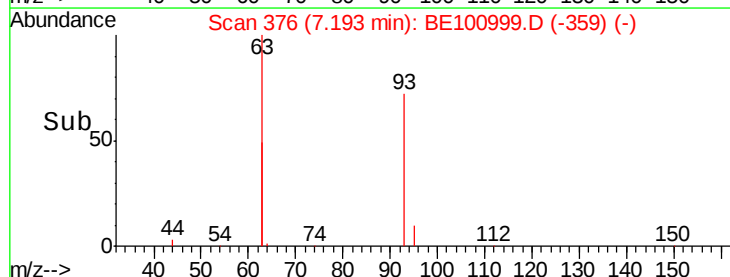
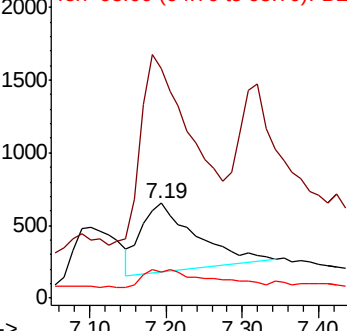
93 100

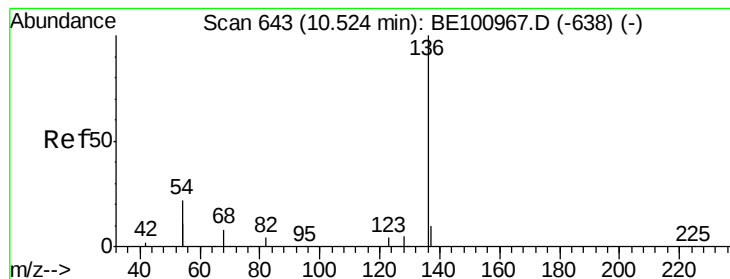
63 258.2 228.3 342.5

95 30.6 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: BE100999.D

Acq: 27 Dec 2019 18:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 12448

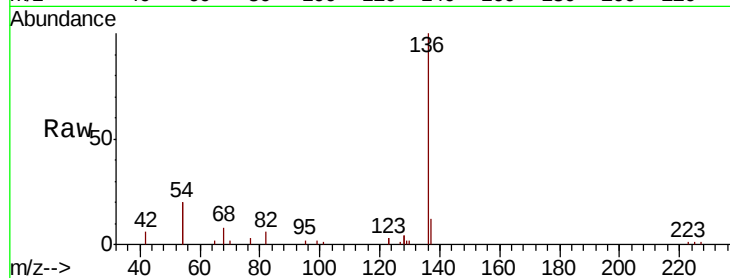
Ion Ratio Lower Upper

136 100

137 12.0 9.0 13.6

54 39.8 34.4 51.6

68 8.4 7.8 11.6

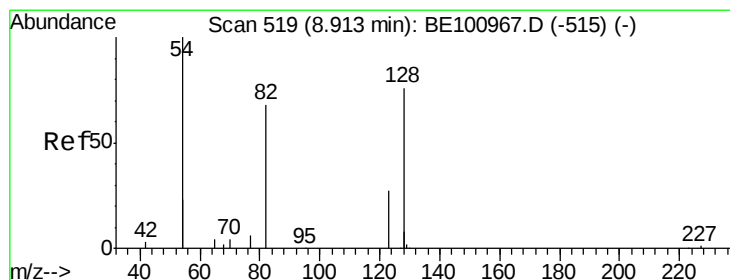
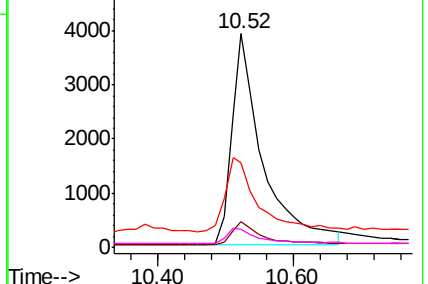
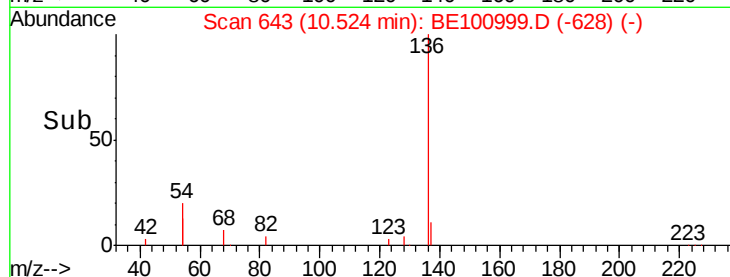


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.445 ng

RT: 8.91 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE100999.D

Acq: 27 Dec 2019 18:44

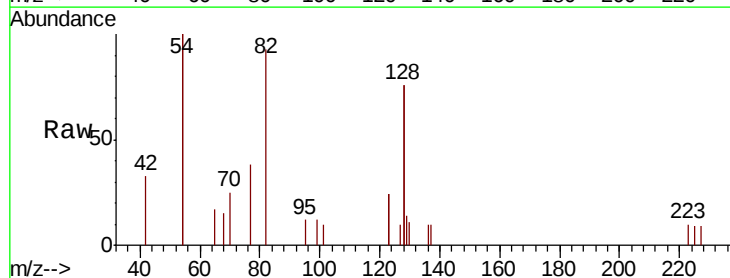
Tgt Ion: 82 Resp: 2188

Ion Ratio Lower Upper

82 100

128 161.7 140.2 210.2

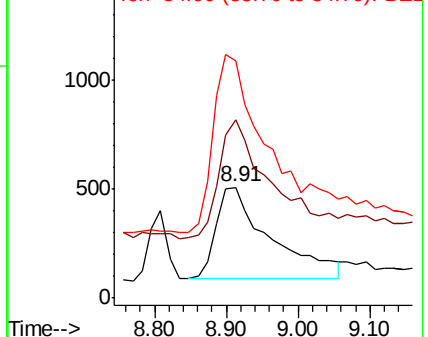
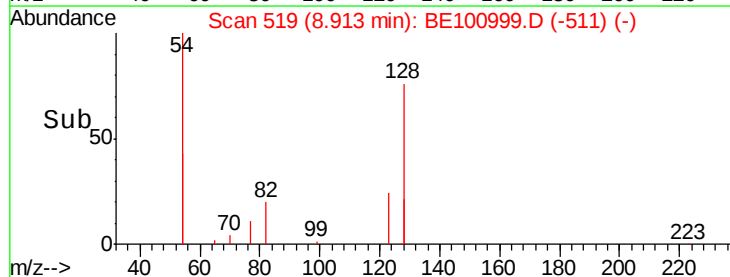
54 214.2 183.8 275.6

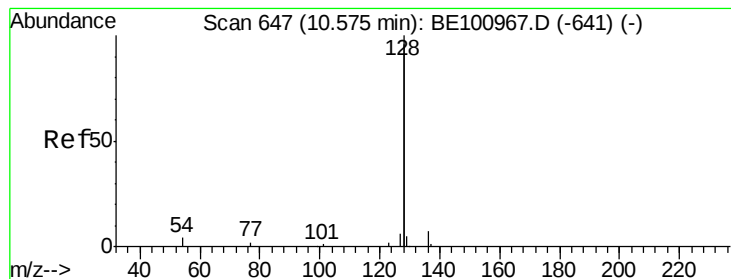


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.413 ng

RT: 10.58 min Scan# 647

Delta R.T. 0.00 min

Lab File: BE100999.D

Acq: 27 Dec 2019 18:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

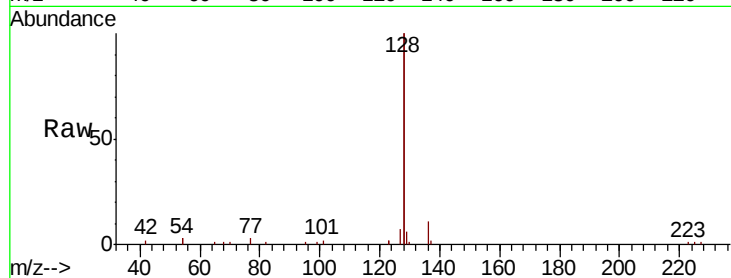
Tot Ion:128 Resp: 54649

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

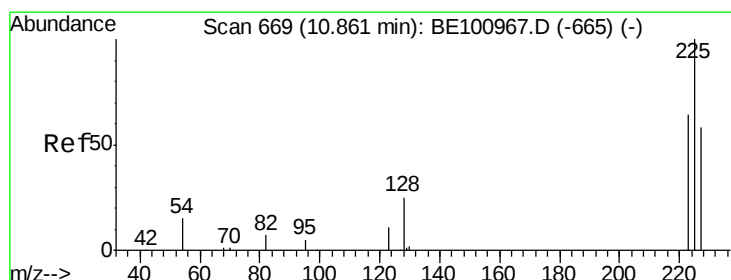
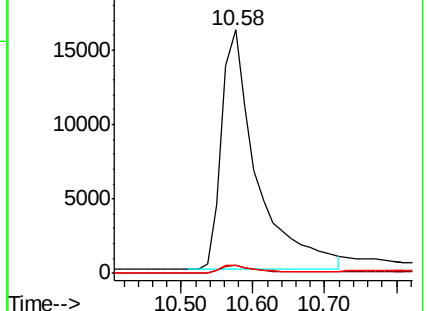
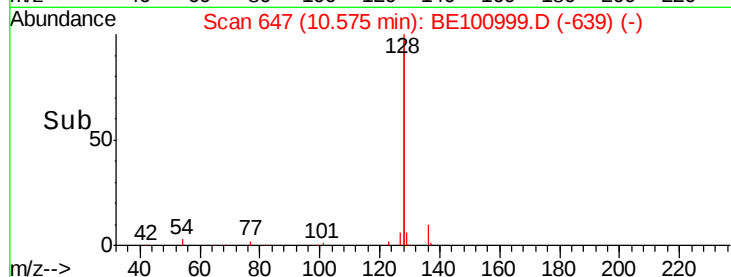
127 3.3 2.8 4.2



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: 0.422 ng

RT: 10.86 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE100999.D

Acq: 27 Dec 2019 18:44

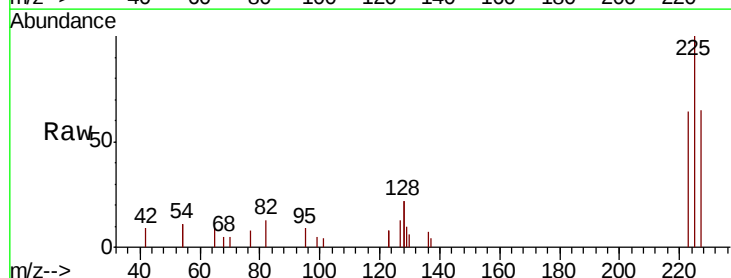
Tgt Ion:225 Resp: 2469

Ion Ratio Lower Upper

225 100

223 63.3 51.4 77.0

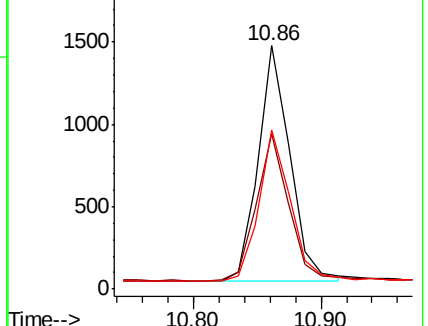
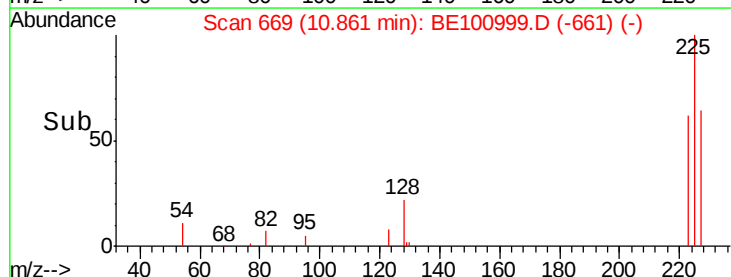
227 63.4 50.2 75.2

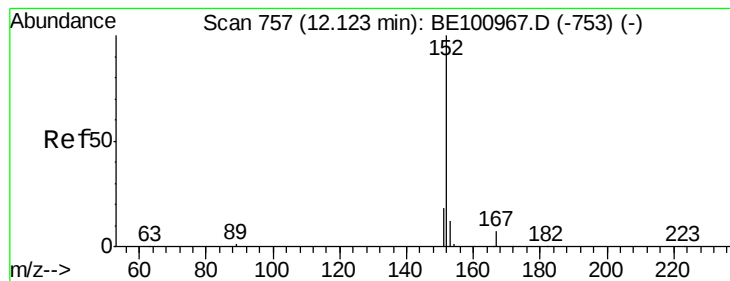


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.436 ng

RT: 12.12 min Scan# 757

Delta R.T. 0.00 min

Lab File: BE100999.D

Acq: 27 Dec 2019 18:44

Instrument :

BNA_E

ClientSampleId :

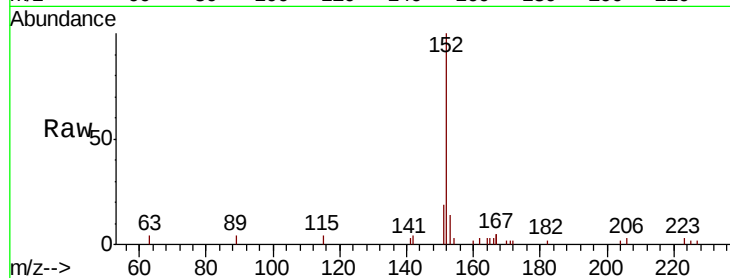
SSTDCCC0.4EC

Tot Ion:152 Resp: 7968

Ion Ratio Lower Upper

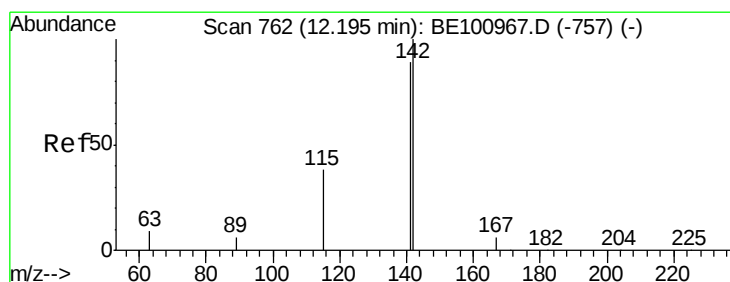
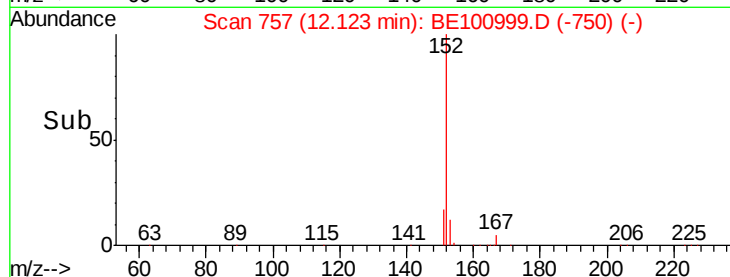
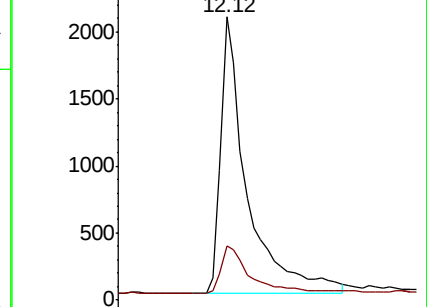
152 100

151 18.8 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: 0.374 ng

RT: 12.19 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE100999.D

Acq: 27 Dec 2019 18:44

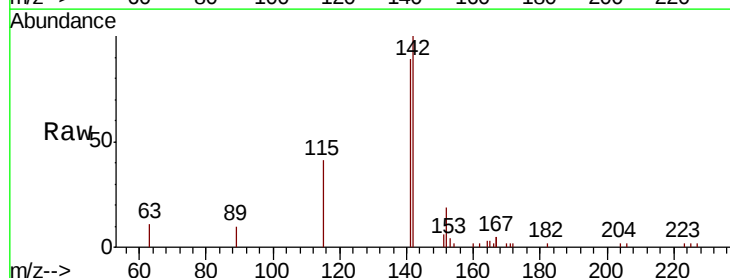
Tgt Ion:142 Resp: 7505

Ion Ratio Lower Upper

142 100

141 89.1 70.8 106.2

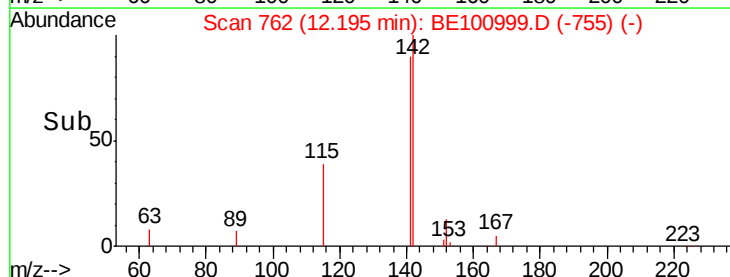
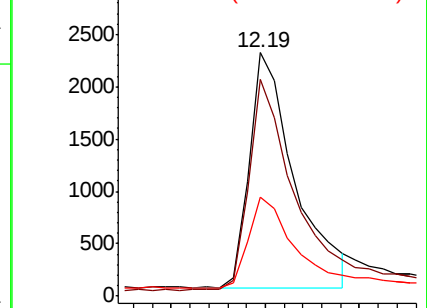
115 40.8 32.0 48.0

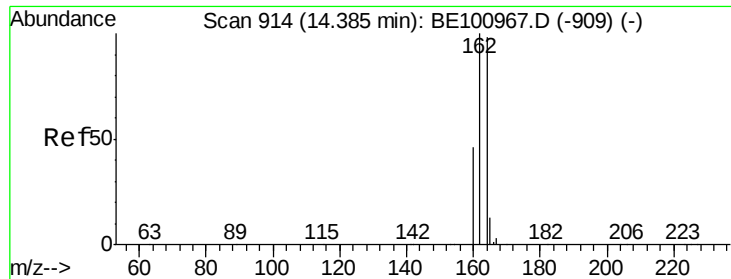


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

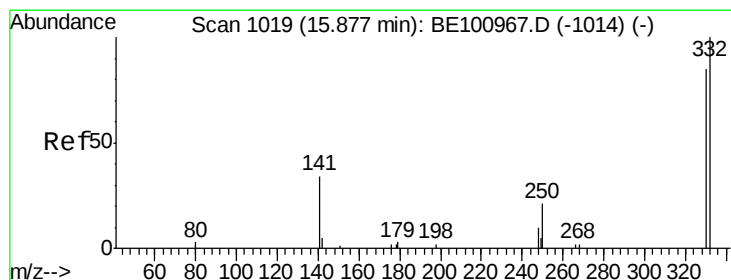
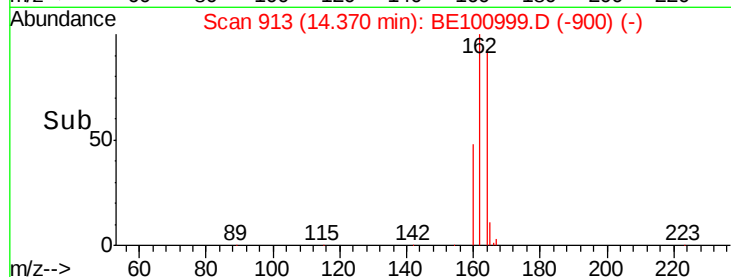
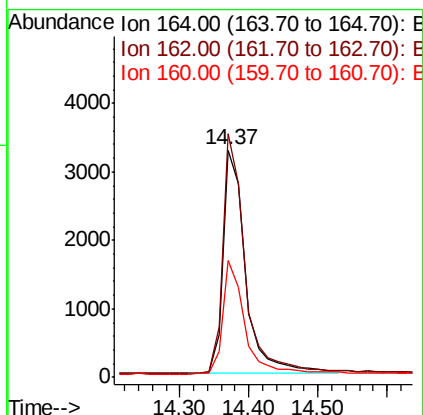
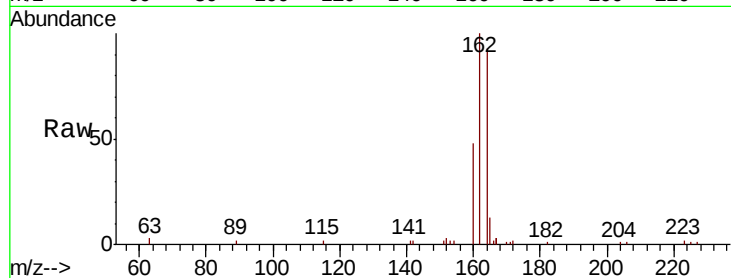




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

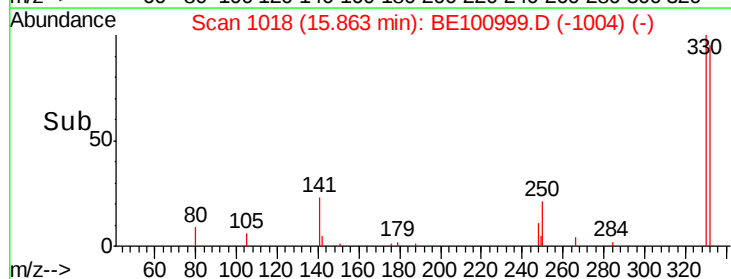
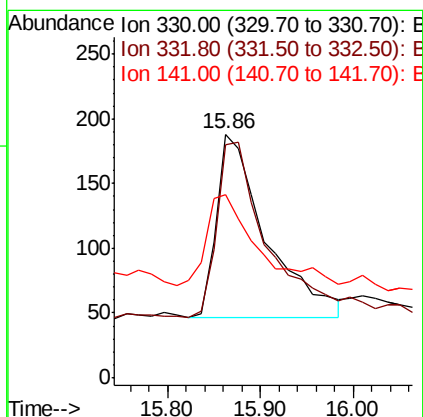
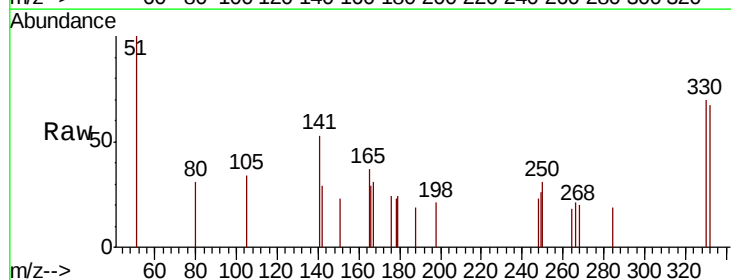
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

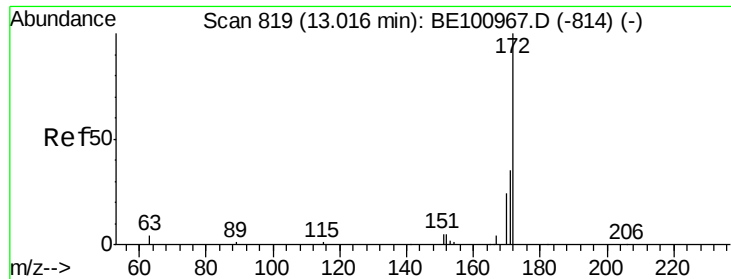
Tot Ion:164 Resp: 7534
Ion Ratio Lower Upper
164 100
162 107.1 81.6 122.4
160 51.7 37.7 56.5



#14
2,4,6-Tribromophenol
Concen: 0.427 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Tgt Ion:330 Resp: 528
Ion Ratio Lower Upper
330 100
332 101.3 72.4 108.6
141 50.0 25.4 38.2#

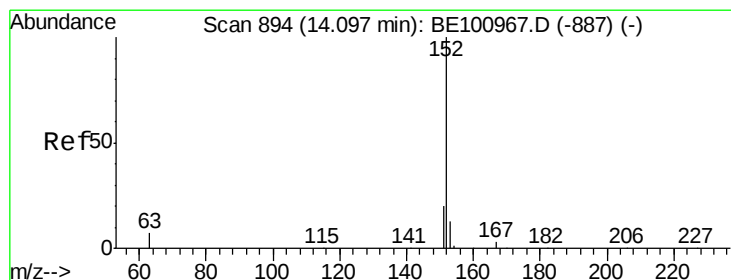
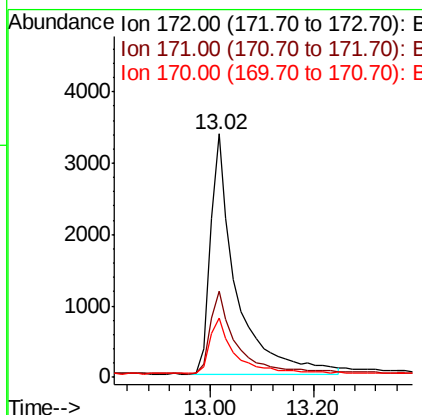
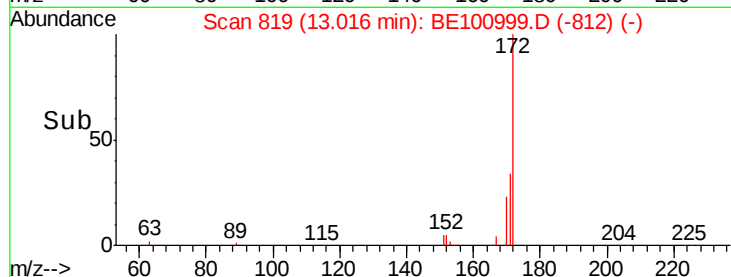
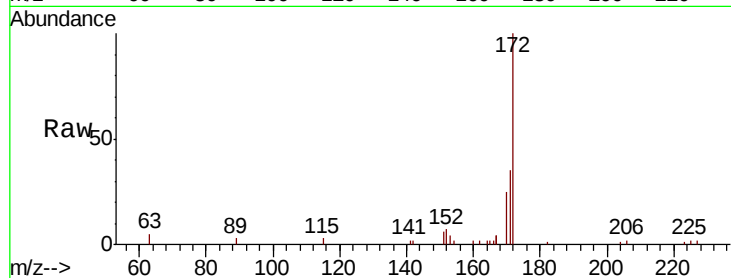




#15
2-Fluorobiphenyl
Concen: 0.432 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.00 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

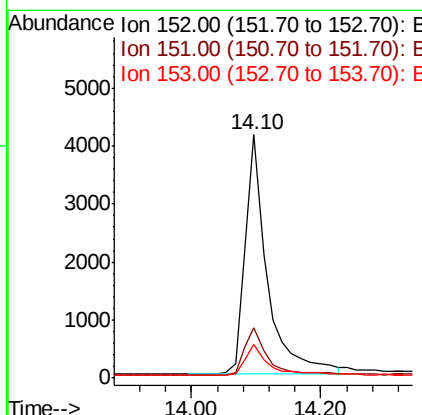
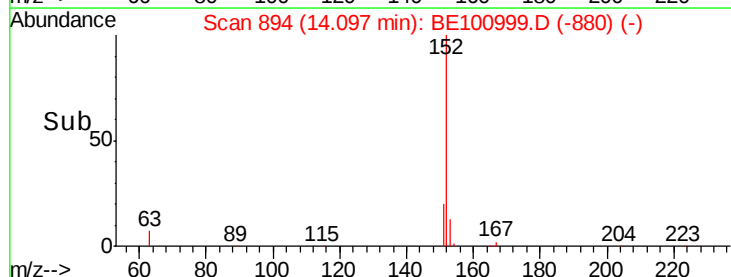
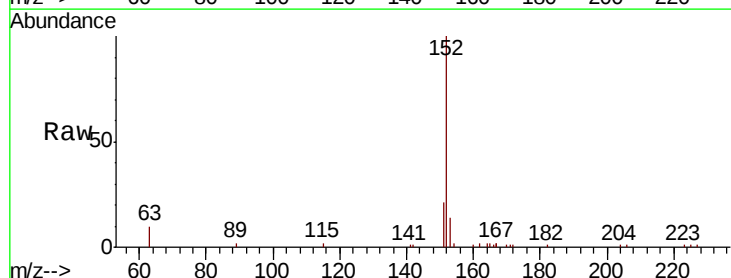
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

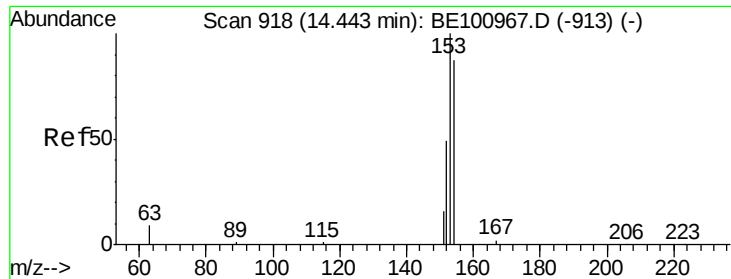
Tot Ion:172 Resp: 11565
Ion Ratio Lower Upper
172 100
171 35.3 29.0 43.6
170 24.6 20.0 30.0



#16
Acenaphthylene
Concen: 0.349 ng
RT: 14.10 min Scan# 894
Delta R.T. 0.00 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Tgt Ion:152 Resp: 9841
Ion Ratio Lower Upper
152 100
151 20.2 15.5 23.3
153 13.6 10.5 15.7

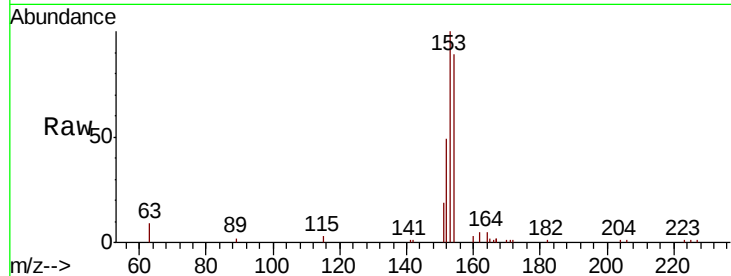




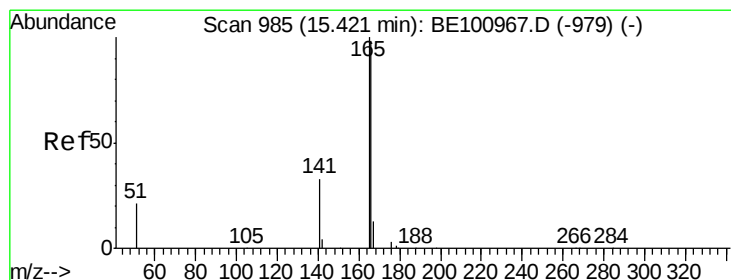
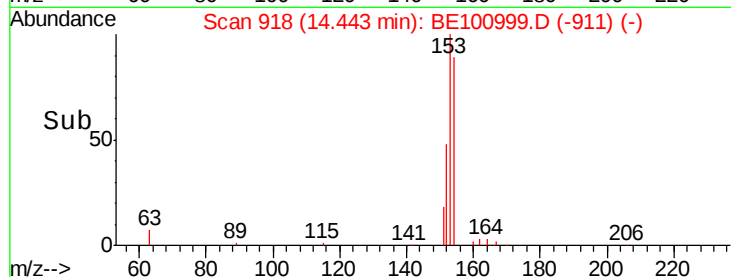
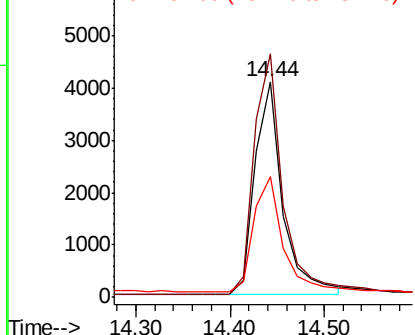
#17
Acenaphthene
Concen: 0.413 ng
RT: 14.44 min Scan# 918
Delta R.T. 0.00 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:154 Resp: 8449
Ion Ratio Lower Upper
154 100
153 115.4 91.7 137.5
152 56.5 44.5 66.7

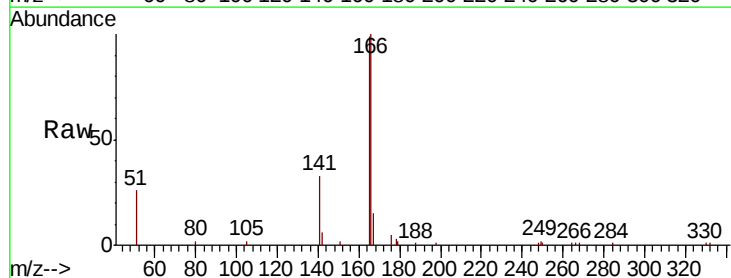


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

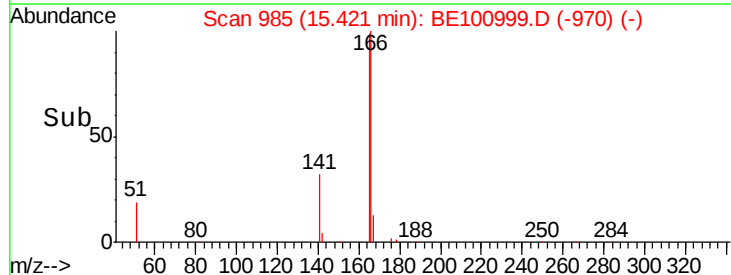
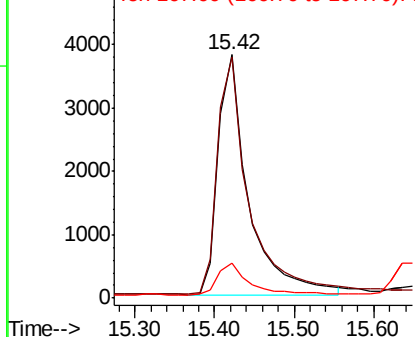


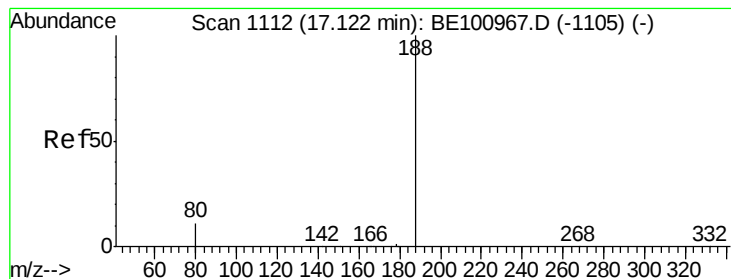
#18
Fluorene
Concen: 0.397 ng
RT: 15.42 min Scan# 985
Delta R.T. -0.00 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Tgt Ion:166 Resp: 10125
Ion Ratio Lower Upper
166 100
165 100.9 79.4 119.0
167 13.4 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: BE100999.D

Acq: 27 Dec 2019 18:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

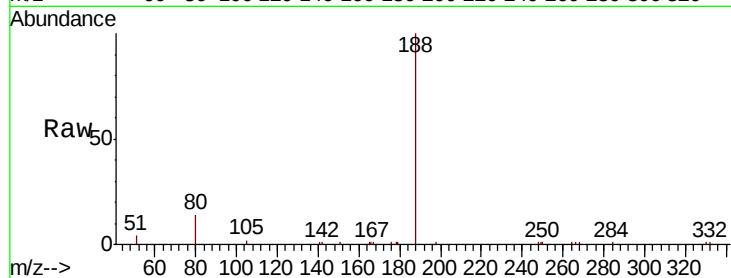
Tot Ion:188 Resp: 16643

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

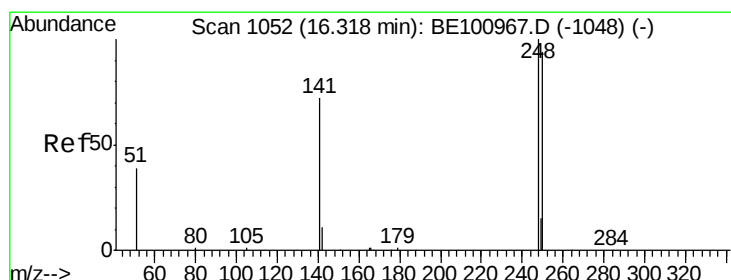
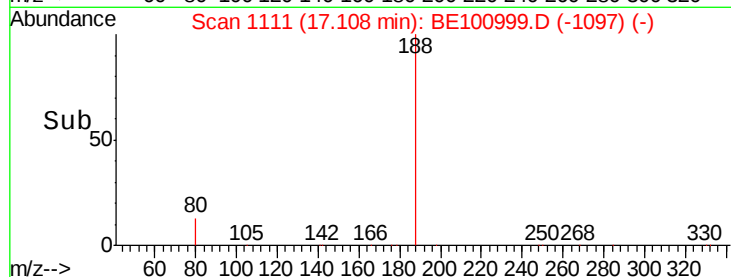
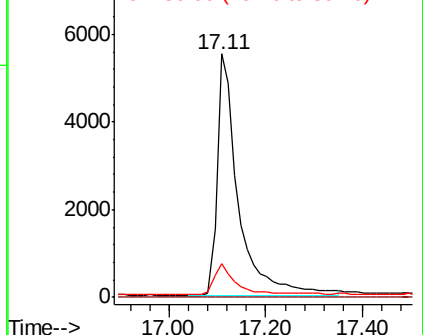
80 14.1 9.7 14.5



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: 0.376 ng

RT: 16.32 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BE100999.D

Acq: 27 Dec 2019 18:44

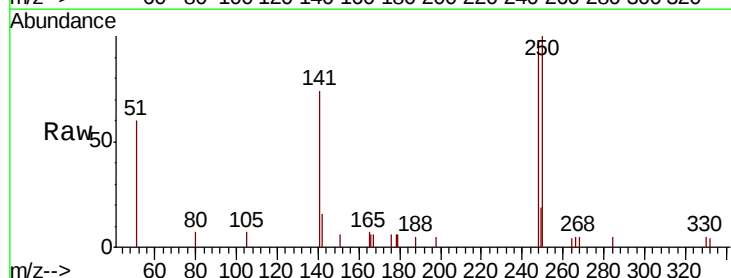
Tgt Ion:248 Resp: 2749

Ion Ratio Lower Upper

248 100

250 103.3 76.0 114.0

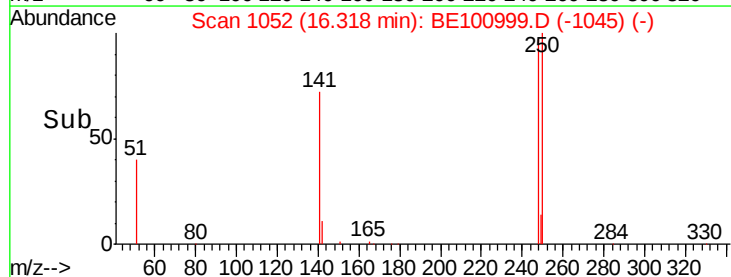
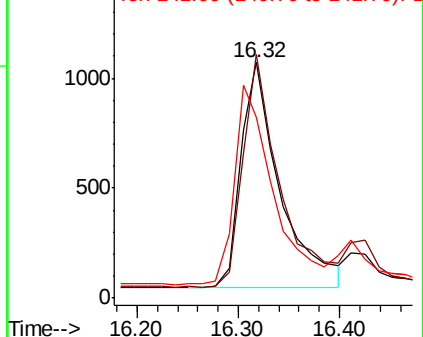
141 76.9 61.0 91.6

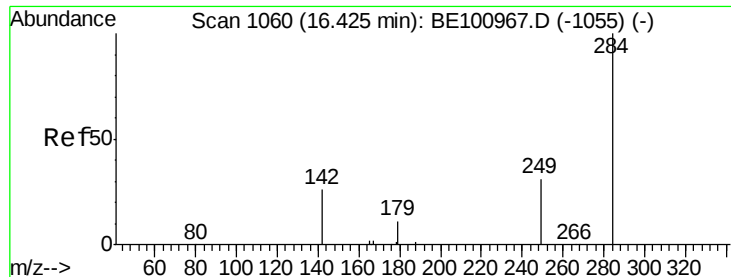


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

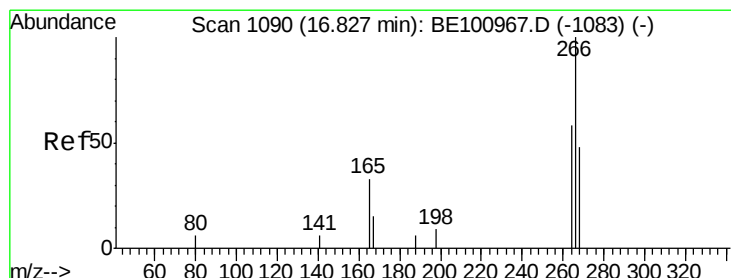
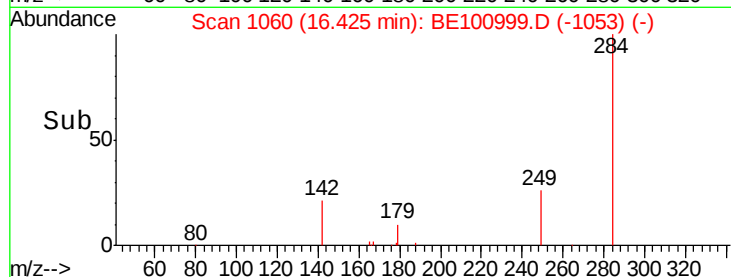
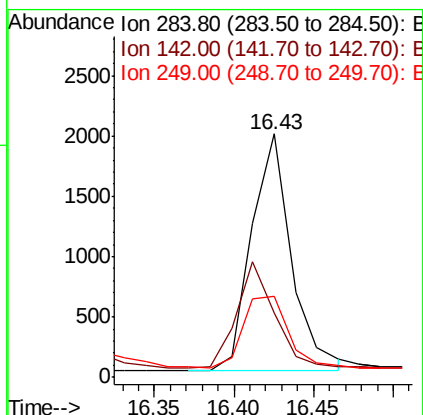
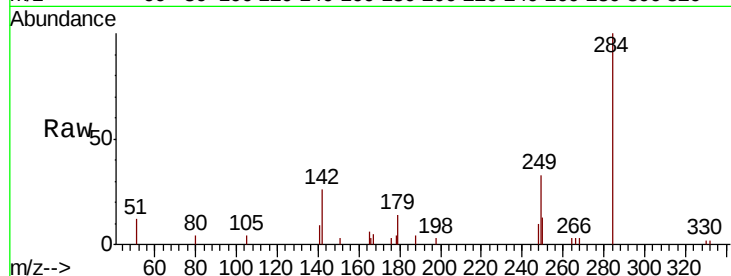




#21
Hexachlorobenzene
Concen: 0.397 ng
RT: 16.43 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

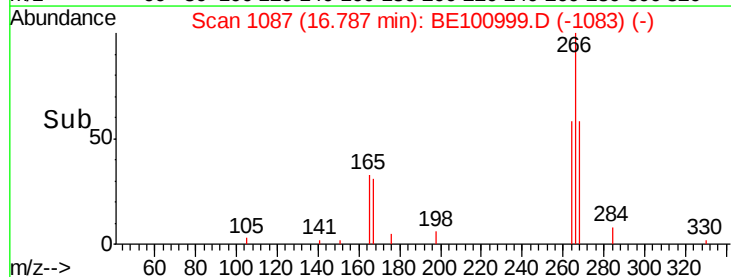
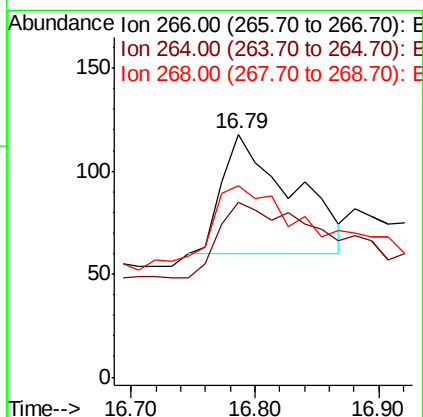
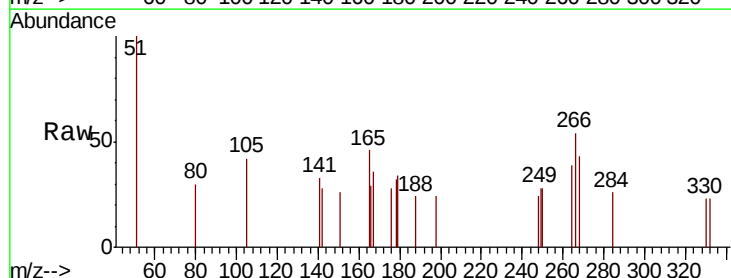
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

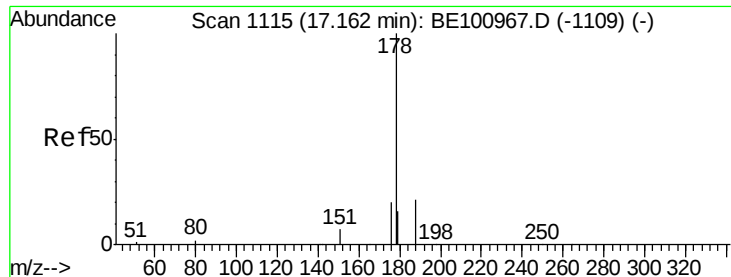
Tot Ion:284 Resp: 3422
Ion Ratio Lower Upper
284 100
142 43.1 33.3 49.9
249 34.1 27.2 40.8



#22
Pentachlorophenol
Concen: 0.316 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.04 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Tgt Ion:266 Resp: 225
Ion Ratio Lower Upper
266 100
264 72.0 62.3 93.5
268 78.8 66.1 99.1





#23

Phenanthrene

Concen: 0.394 ng

RT: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE100999.D

Acq: 27 Dec 2019 18:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

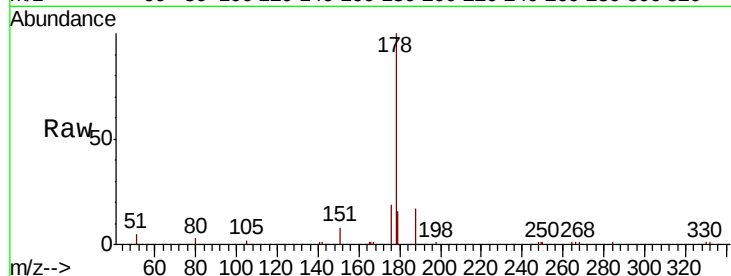
Tot Ion:178 Resp: 16916

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

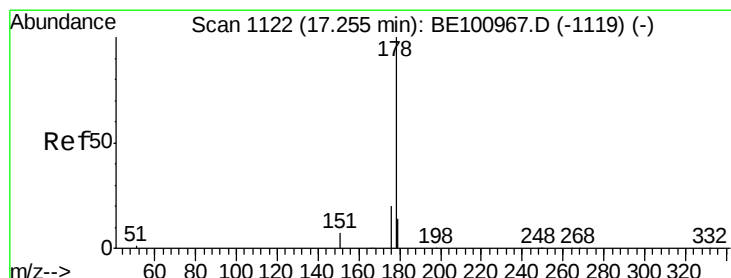
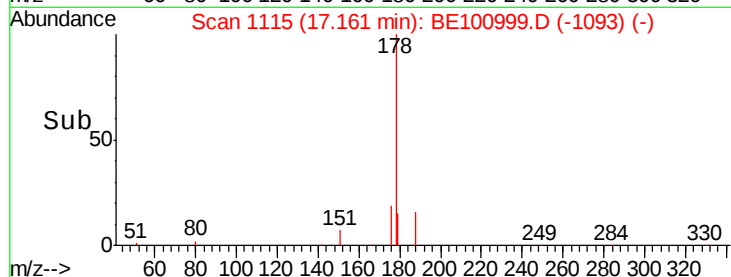
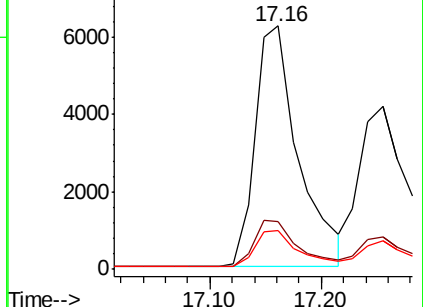
179 15.6 12.6 18.8



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: 0.228 ng

RT: 17.26 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100999.D

Acq: 27 Dec 2019 18:44

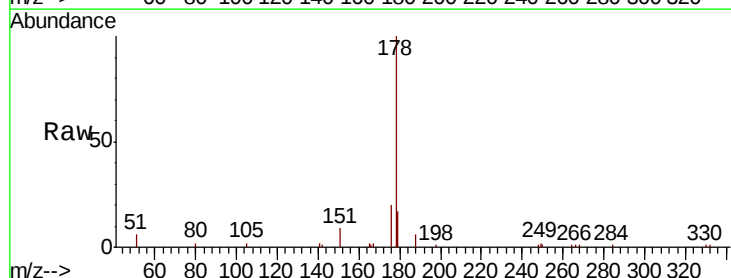
Tgt Ion:178 Resp: 9879

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

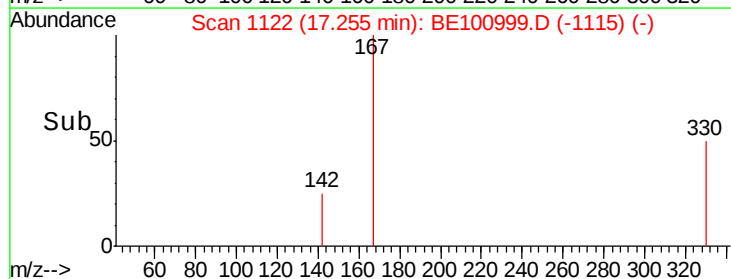
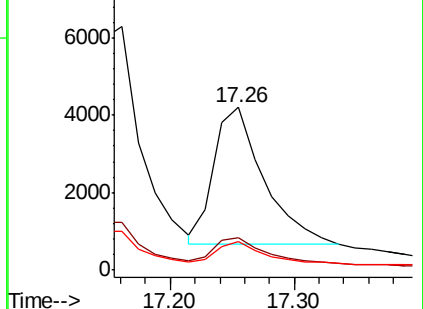
179 14.7 12.5 18.7

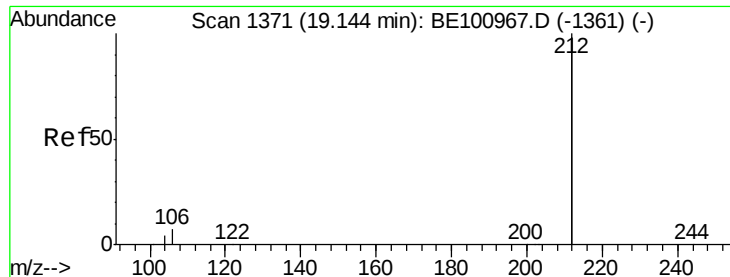


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

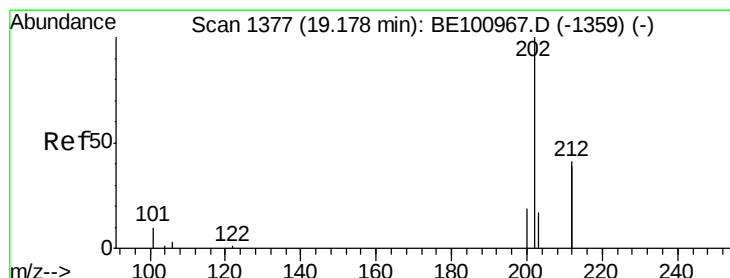
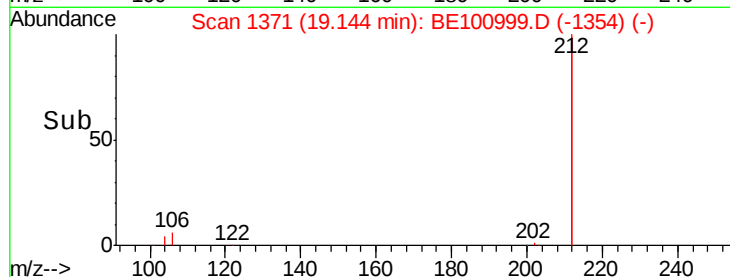
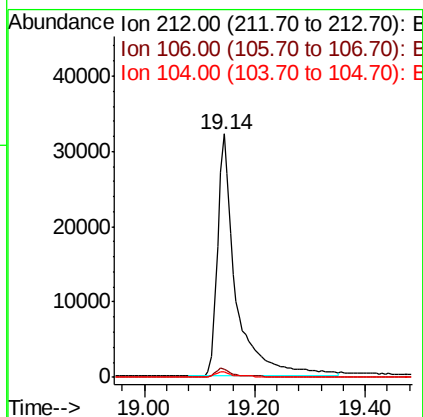
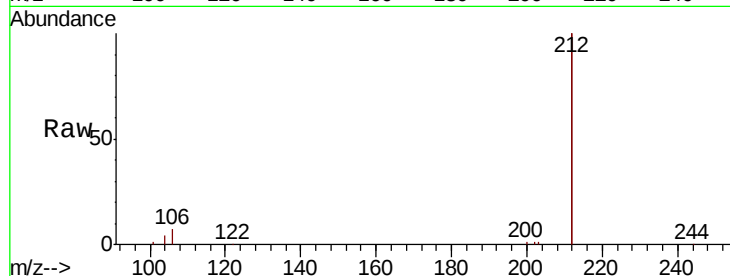




#25
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.14 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

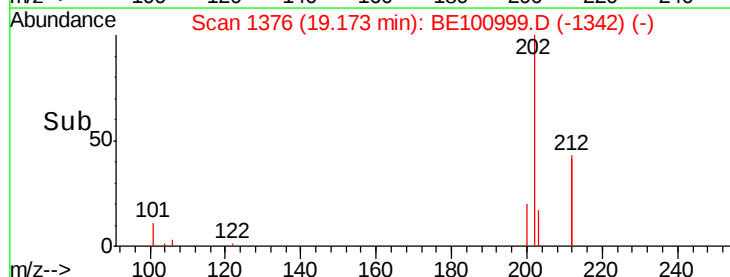
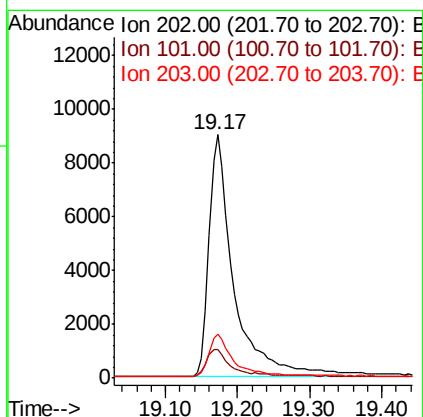
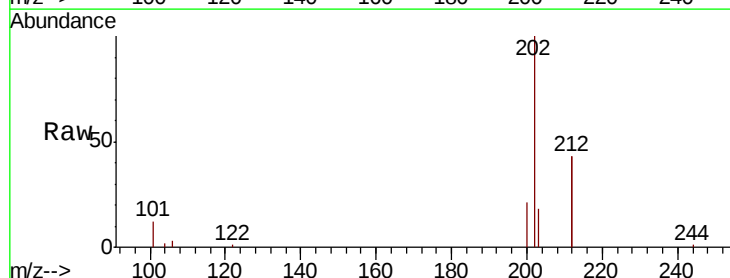
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

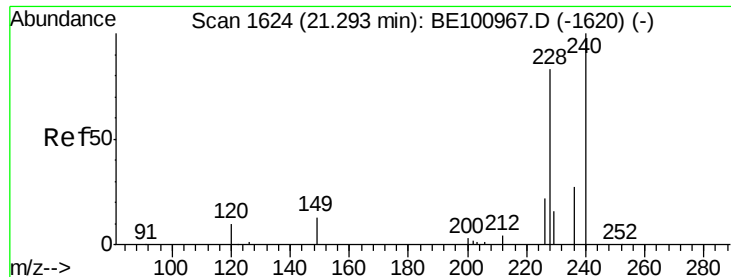
Tot Ion:212 Resp: 74812
Ion Ratio Lower Upper
212 100
106 3.4 2.4 3.6
104 1.8 1.4 2.0



#26
Fluoranthene
Concen: 0.367 ng
RT: 19.17 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Tgt Ion:202 Resp: 21471
Ion Ratio Lower Upper
202 100
101 11.5 9.0 13.4
203 17.2 13.2 19.8

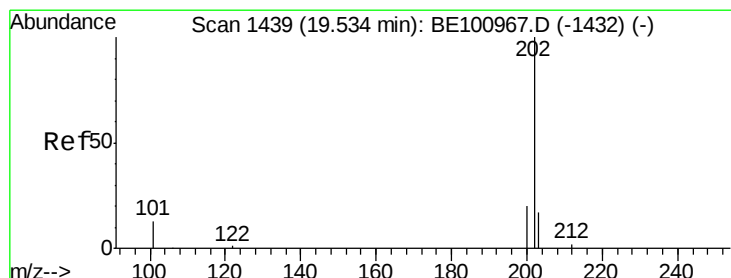
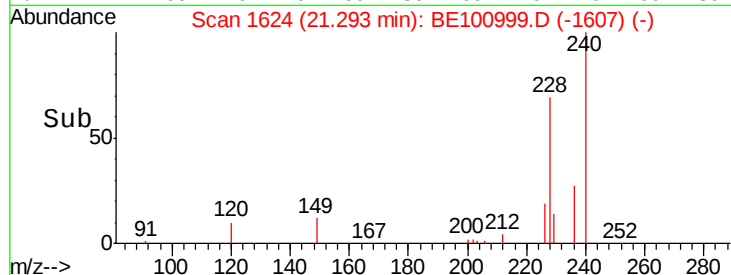
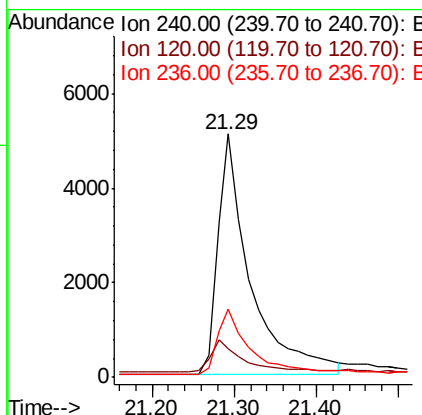
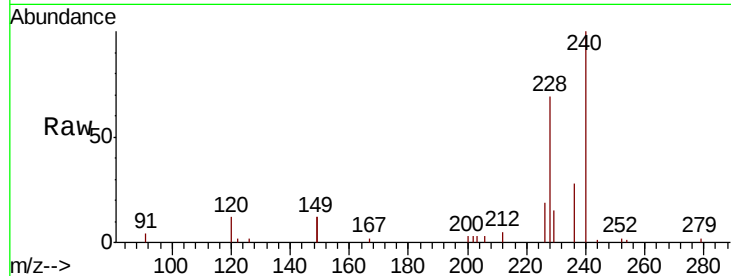




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BE100999.D
 Acq: 27 Dec 2019 18:44

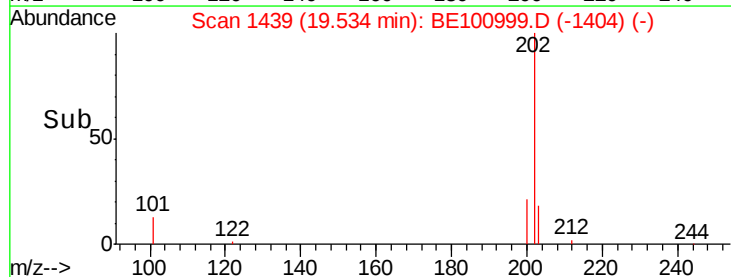
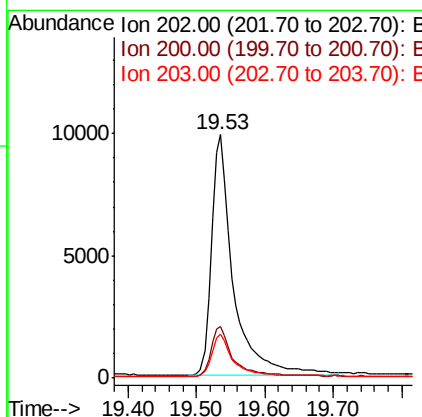
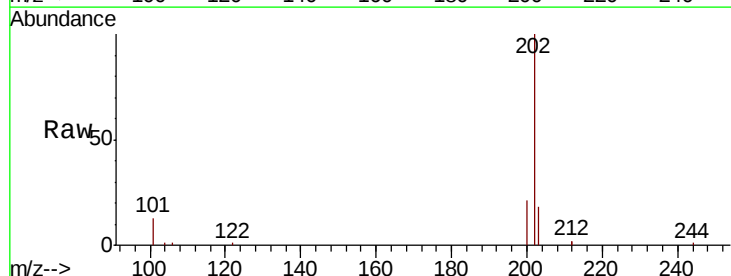
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

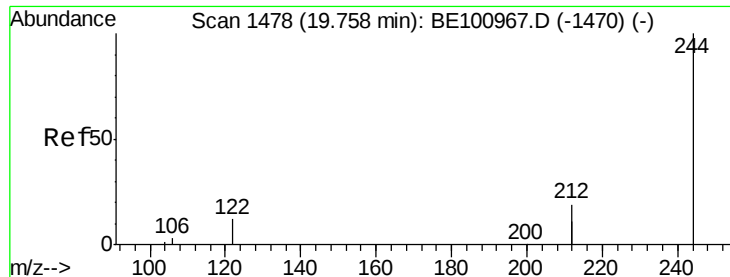
Tot Ion:240 Resp: 14128
 Ion Ratio Lower Upper
 240 100
 120 11.8 10.2 15.4
 236 28.2 22.6 34.0



#28
 Pyrene
 Concen: 0.449 ng
 RT: 19.53 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BE100999.D
 Acq: 27 Dec 2019 18:44

Tgt Ion:202 Resp: 22194
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.6 25.0
 203 17.4 13.8 20.6





#29

Terphenyl-d14

Concen: 0.463 ng

RT: 19.75 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BE100999.D

Acq: 27 Dec 2019 18:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

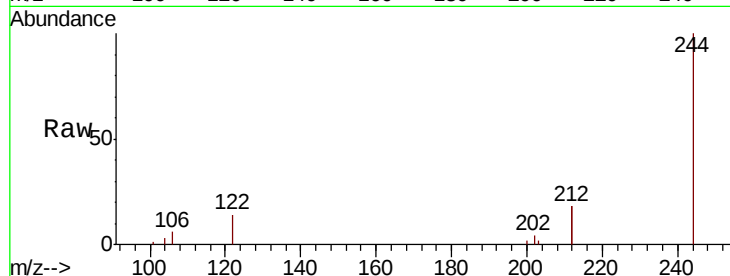
Tot Ion:244 Resp: 15023

Ion Ratio Lower Upper

244 100

212 36.1 29.3 43.9

122 13.6 10.2 15.4

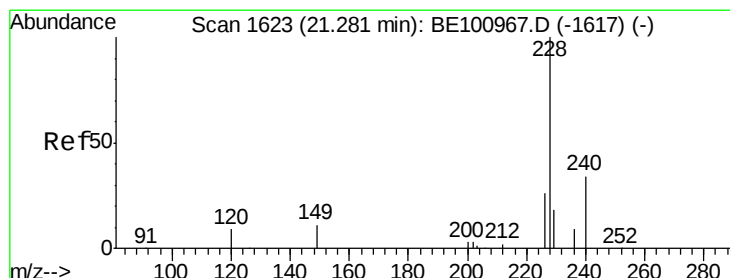
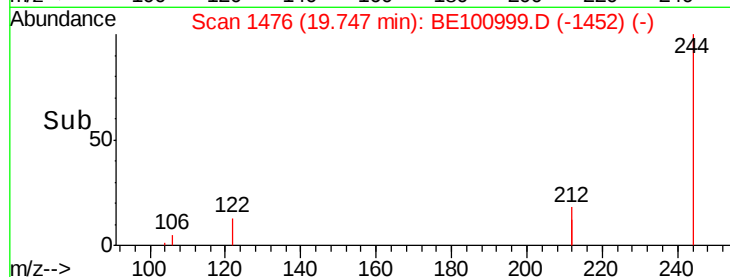
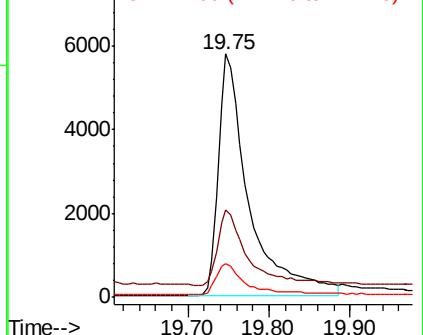


Abundance

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: 0.410 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100999.D

Acq: 27 Dec 2019 18:44

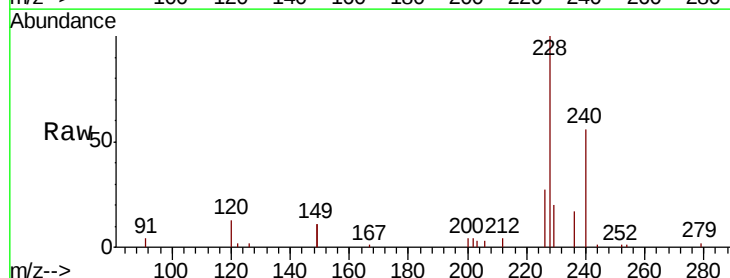
Tgt Ion:228 Resp: 14193

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.6

229 20.5 15.4 23.0

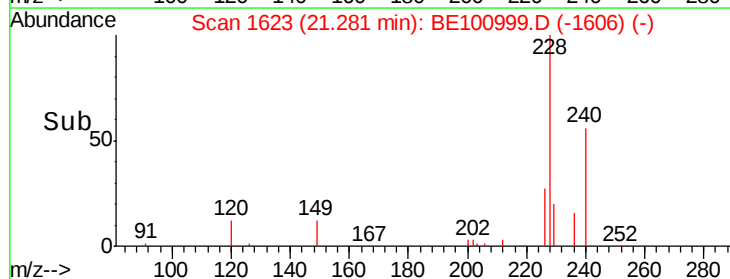
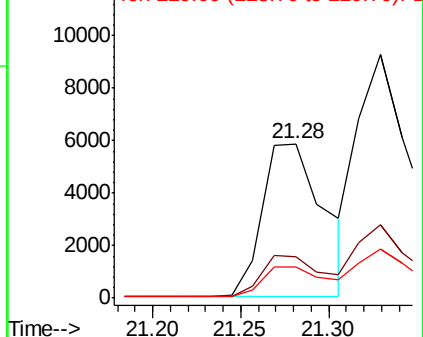


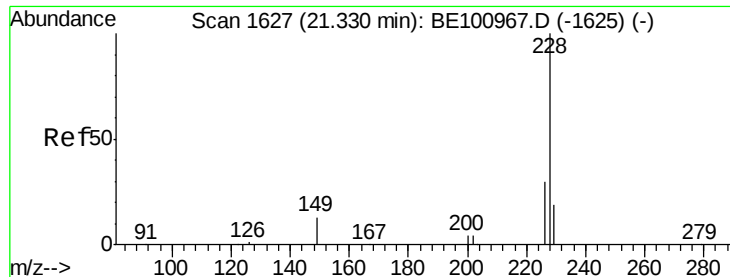
Abundance

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: 0.289 ng

RT: 21.33 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100999.D

Acq: 27 Dec 2019 18:44

Instrument :

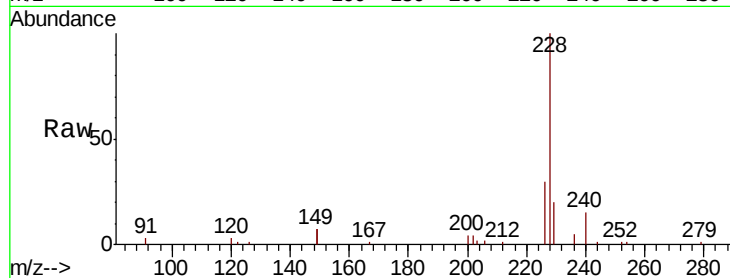
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 18636

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.6	35.4
229	20.1	15.7	23.5

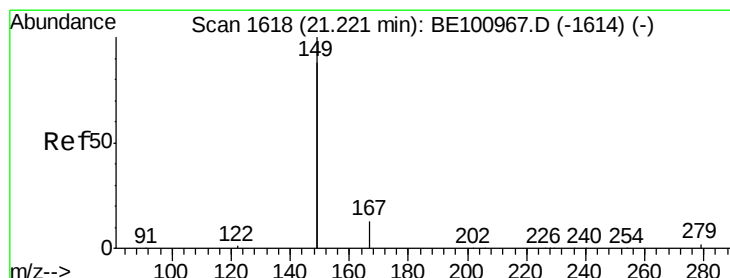
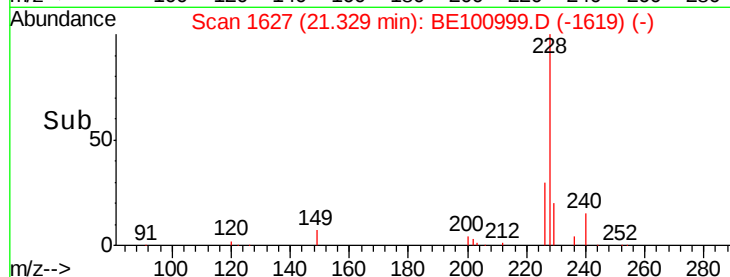
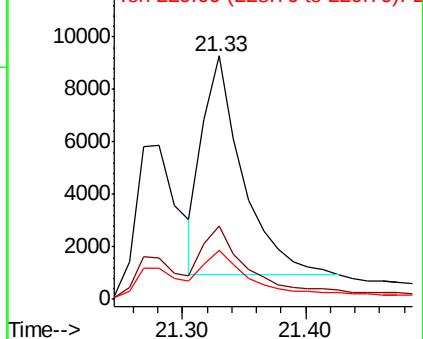


Abundance

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: 0.377 ng

RT: 21.21 min Scan# 1617

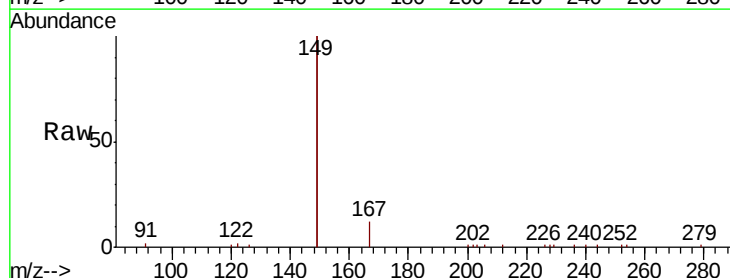
Delta R.T. -0.01 min

Lab File: BE100999.D

Acq: 27 Dec 2019 18:44

Tgt Ion:149 Resp: 23149

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.1	7.7
279	1.1	0.6	1.0

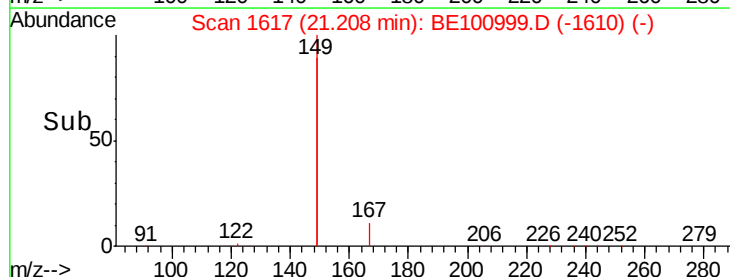
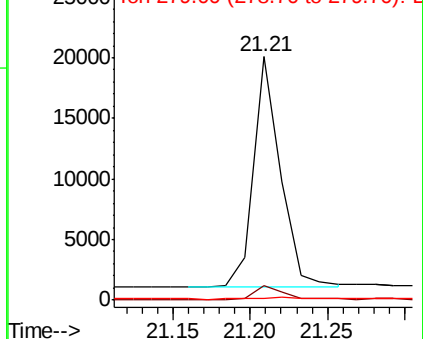


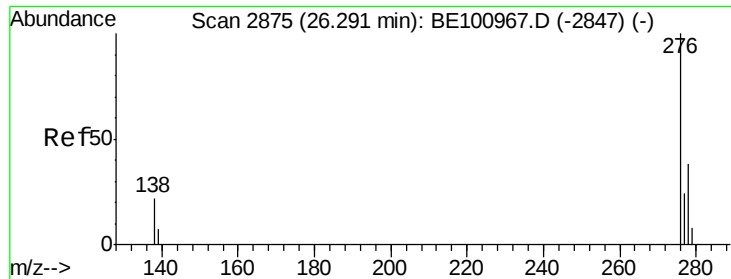
Abundance

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

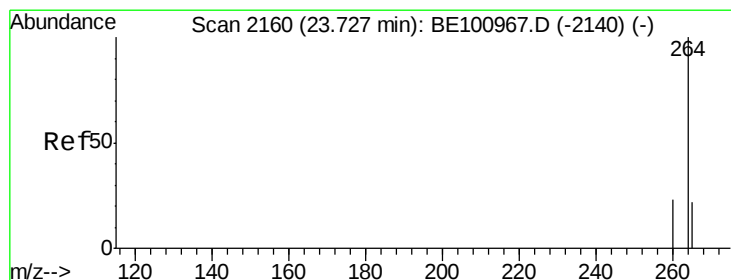
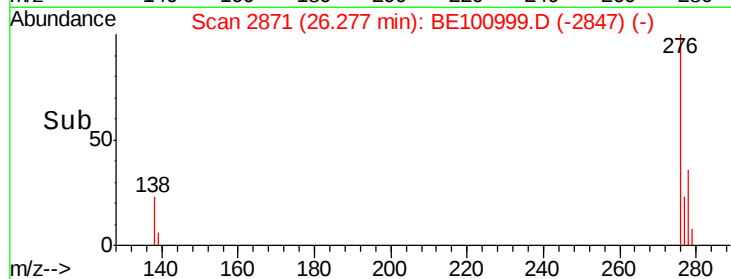
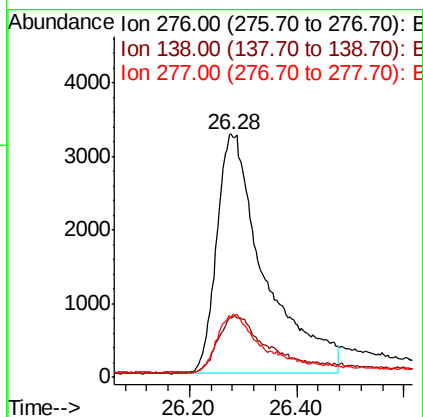
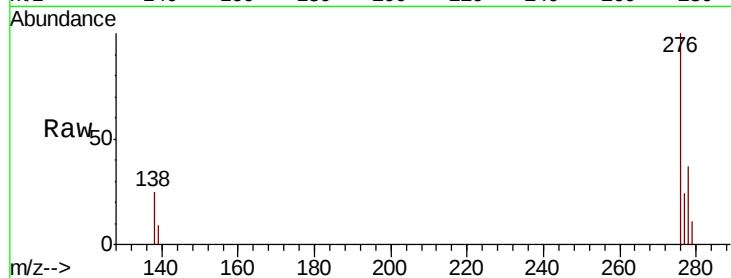




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.416 ng
 RT: 26.28 min Scan# 2871
 Delta R.T. -0.01 min
 Lab File: BE100999.D
 Acq: 27 Dec 2019 18:44

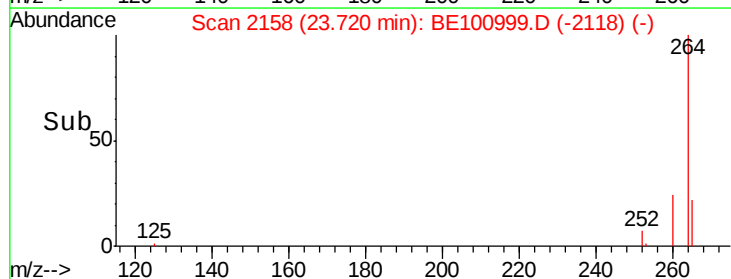
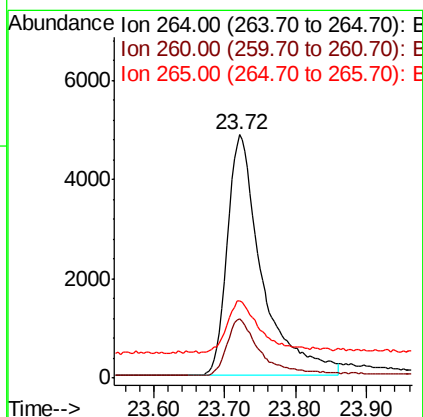
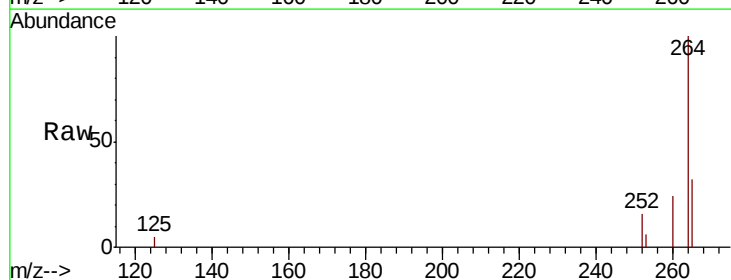
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

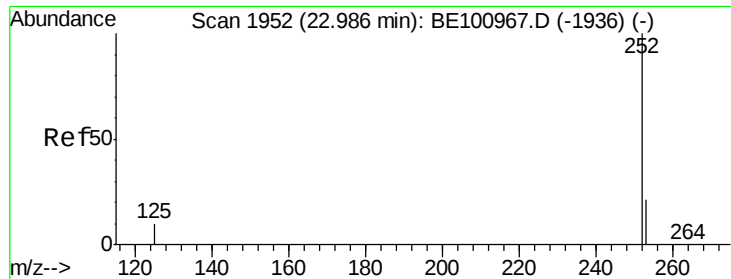
Tot Ion:276 Resp: 20156
 Ion Ratio Lower Upper
 276 100
 138 18.4 14.8 22.2
 277 23.3 18.0 27.0



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.72 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BE100999.D
 Acq: 27 Dec 2019 18:44

Tgt Ion:264 Resp: 16493
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.1 28.7
 265 31.8 26.6 40.0





#35

Benzo(b)fluoranthene

Concen: 0.449 ng

RT: 22.98 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BE100999.D

Acq: 27 Dec 2019 18:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

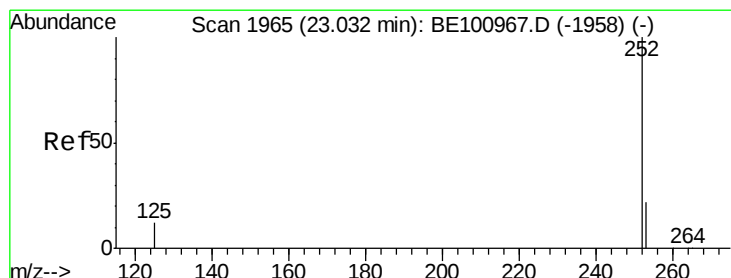
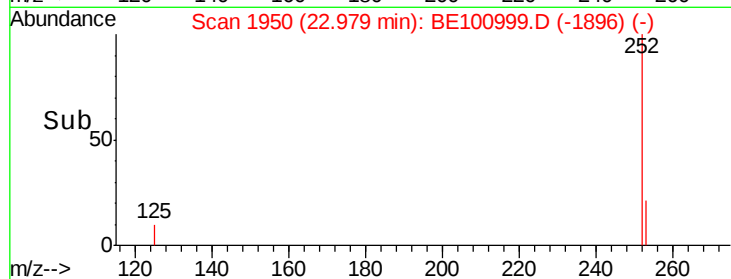
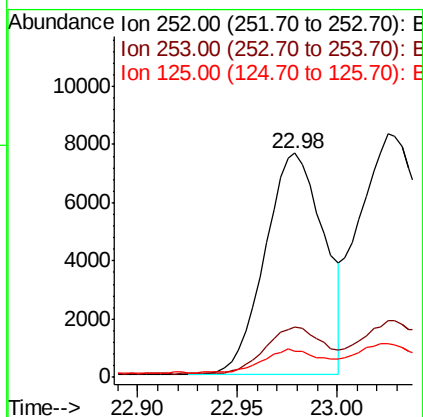
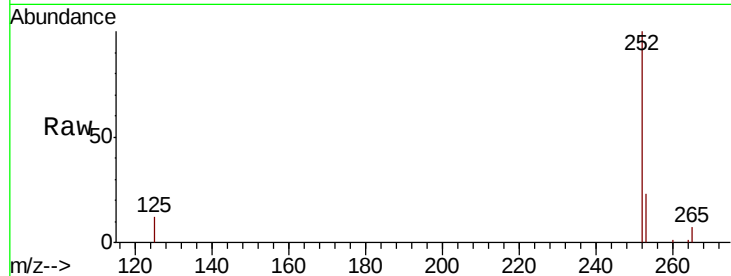
Tot Ion:252 Resp: 15606

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

125 11.7 9.7 14.5



#36

Benzo(k)fluoranthene

Concen: 0.407 ng

RT: 23.03 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BE100999.D

Acq: 27 Dec 2019 18:44

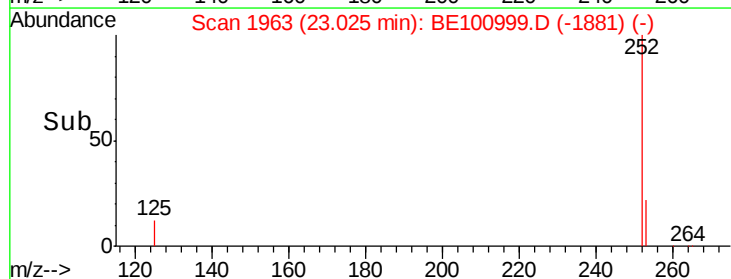
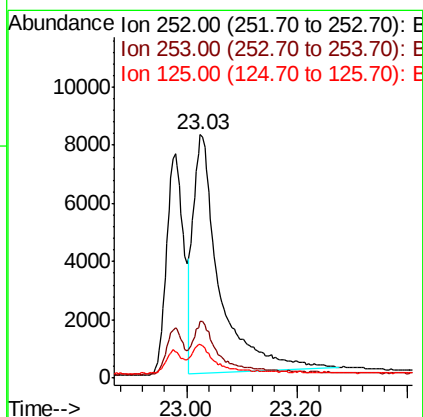
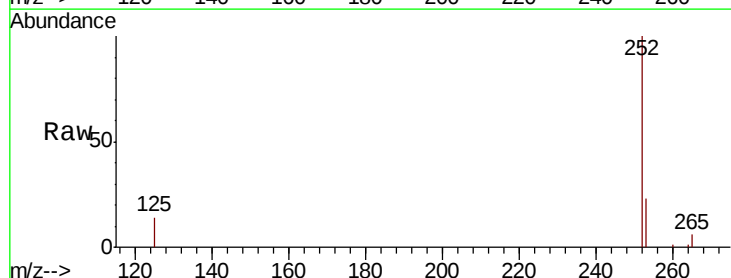
Tgt Ion:252 Resp: 26818

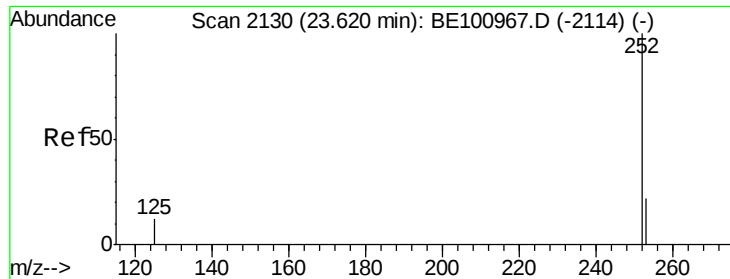
Ion Ratio Lower Upper

252 100

253 23.2 18.9 28.3

125 13.7 11.2 16.8





#37

Benzo(a)pyrene

Concen: 0.392 ng

RT: 23.61 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BE100999.D

Acq: 27 Dec 2019 18:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

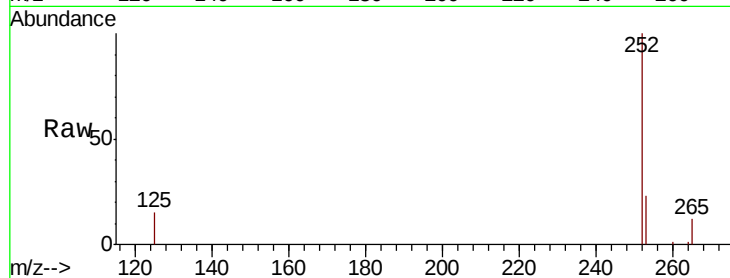
Tot Ion:252 Resp: 15907

Ion Ratio Lower Upper

252 100

253 23.2 20.1 30.1

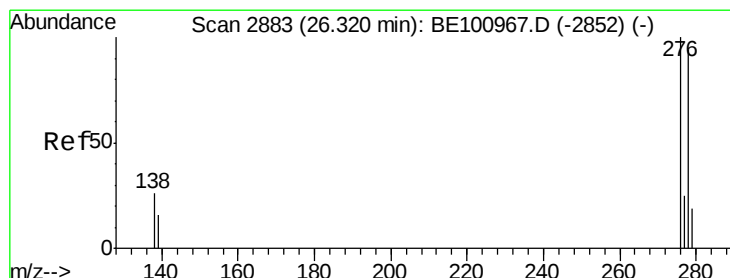
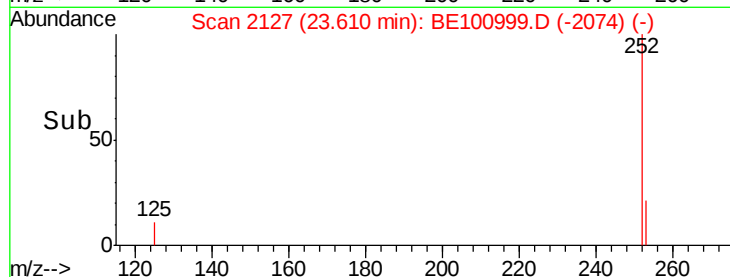
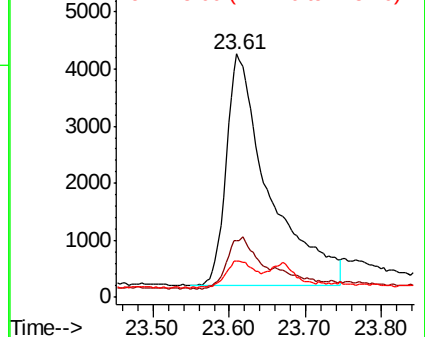
125 14.7 12.6 18.8



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: 0.356 ng

RT: 26.31 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BE100999.D

Acq: 27 Dec 2019 18:44

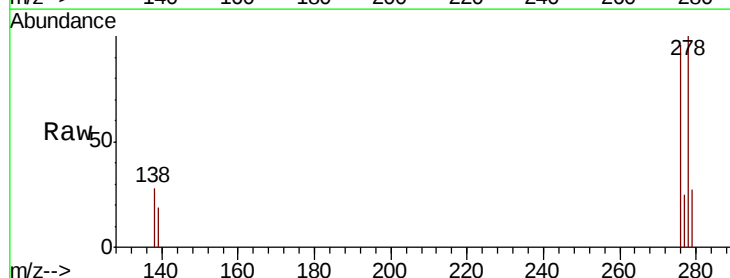
Tgt Ion:278 Resp: 13083

Ion Ratio Lower Upper

278 100

139 18.9 16.4 24.6

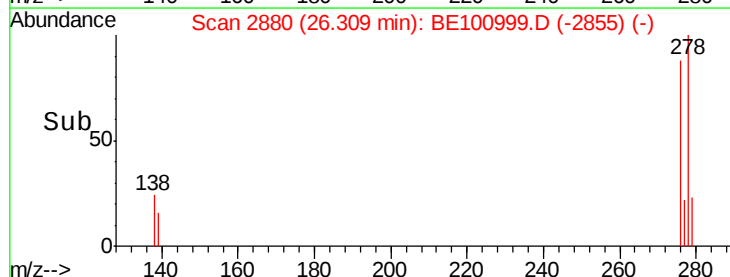
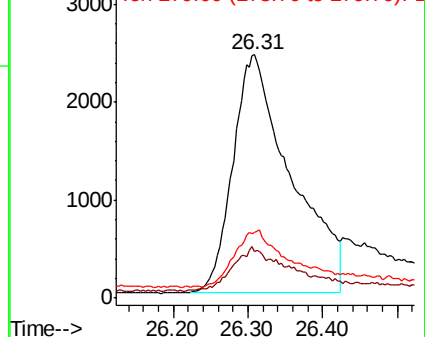
279 26.8 19.3 28.9

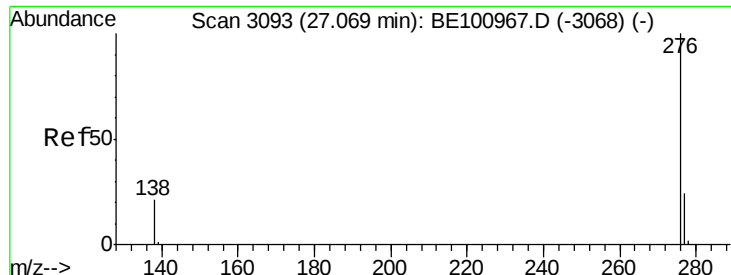


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.442 ng

RT: 27.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BE100999.D

Acq: 27 Dec 2019 18:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

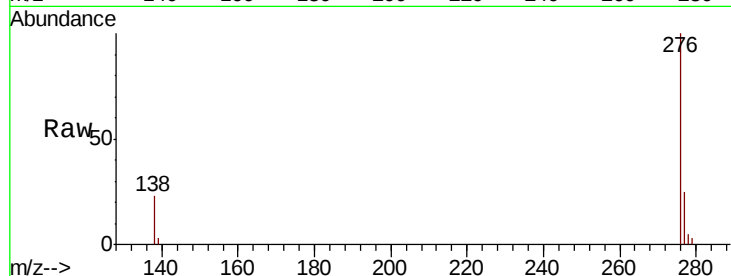
Tot Ion: 276 Resp: 19106

Ion Ratio Lower Upper

276 100

277 25.2 20.0 30.0

138 22.9 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

