

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070119\
 Data File : BE100259.D
 Acq On : 1 Jul 2019 11:15
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jul 01 14:50:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 14:06:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	681	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	2313	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	1892	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	6356	0.40	ng	0.01
27) Chrysene-d12	21.25	240	8874	0.40	ng	0.00
34) Perylene-d12	23.67	264	10236	0.40	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	869	0.50	ng	0.00
5) Phenol-d6	6.82	99	1059	0.46	ng	-0.01
8) Nitrobenzene-d5	8.81	82	1019	0.44	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	1845	0.42	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	806	0.61	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	3096	0.42	ng	0.00
25) Fluoranthene-d10	19.10	212	38584	0.42	ng	0.00
29) Terphenyl-d14	19.70	244	8542	0.46	ng	0.00

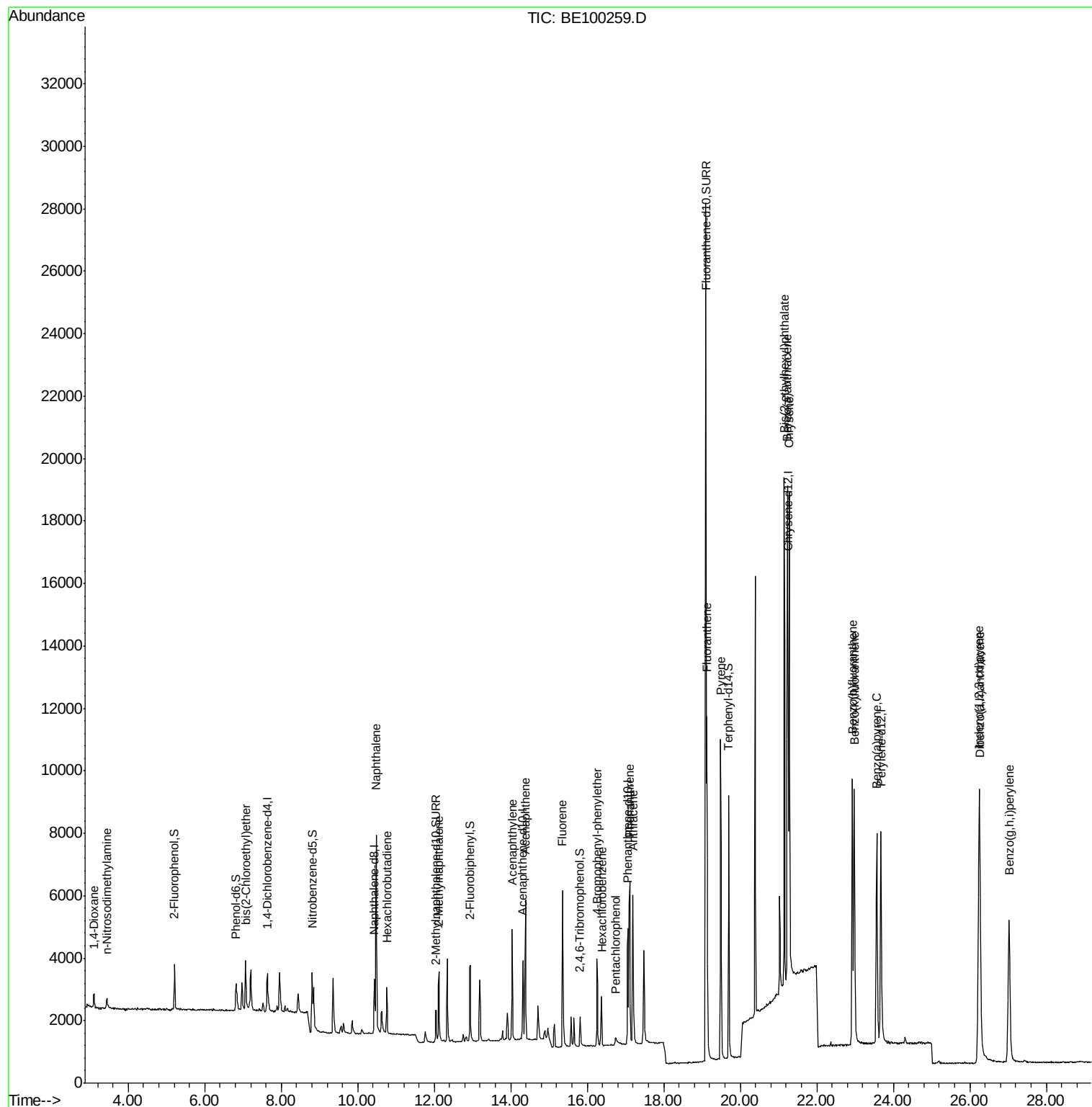
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	477	0.451	ng	97
3) n-Nitrosodimethylamine	3.45	42	292	0.593	ng	96
6) bis(2-Chloroethyl)ether	7.08	93	800	0.426	ng	# 57
9) Naphthalene	10.48	128	10716	0.420	ng	99
10) Hexachlorobutadiene	10.76	225	1038	0.422	ng	99
12) 2-Methylnaphthalene	12.12	142	1835	0.410	ng	97
16) Acenaphthylene	14.04	152	3922	0.432	ng	98
17) Acenaphthene	14.38	154	2254	0.438	ng	97
18) Fluorene	15.35	166	3370	0.443	ng	100
20) 4-Bromophenyl-phenylether	16.25	248	1712	0.422	ng	# 81
21) Hexachlorobenzene	16.37	284	1680	0.399	ng	96
22) Pentachlorophenol	16.75	266	418	0.330	ng	94
23) Phenanthrene	17.11	178	6516	0.423	ng	100
24) Anthracene	17.20	178	6347	0.458	ng	100
26) Fluoranthene	19.13	202	10264	0.418	ng	99
28) Pyrene	19.49	202	10643	0.453	ng	99
30) Benzo(a)anthracene	21.23	228	12708	0.436	ng	97
31) Chrysene	21.28	228	12921	0.441	ng	98
32) Bis(2-ethylhexyl)phthalate	21.15	149	19487	0.415	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.24	276	14819	0.382	ng	99
35) Benzo(b)fluoranthene	22.93	252	12000	0.432	ng	100
36) Benzo(k)fluoranthene	22.98	252	12977	0.419	ng	# 96
37) Benzo(a)pyrene	23.57	252	11913	0.428	ng	98
38) Dibenzo(a,h)anthracene	26.26	278	12056	0.415	ng	99
39) Benzo(g,h,i)perylene	27.03	276	12243	0.410	ng	98

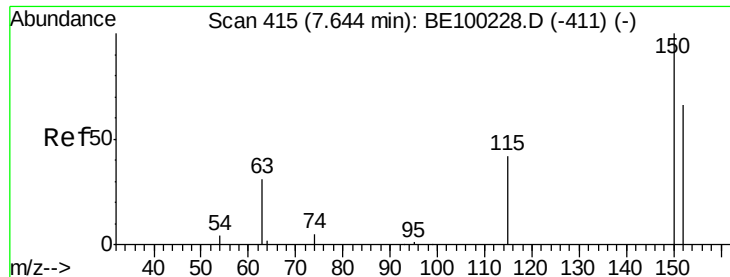
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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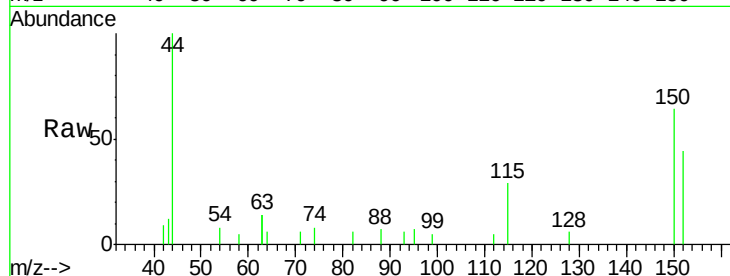


#1

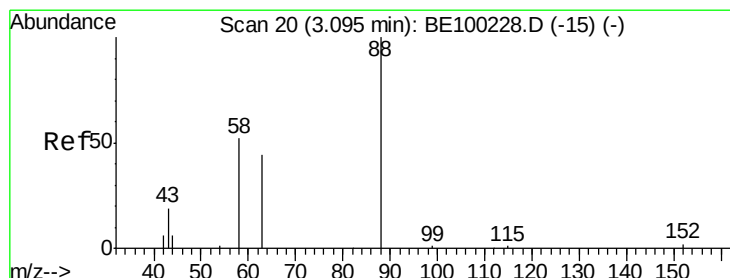
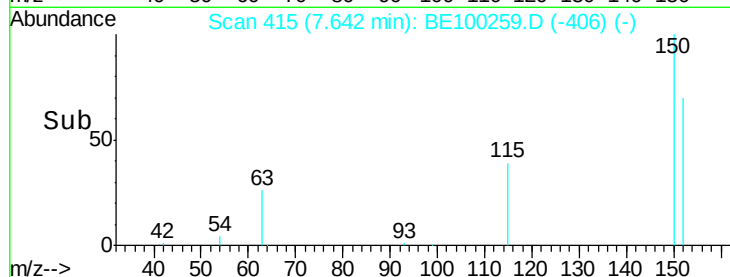
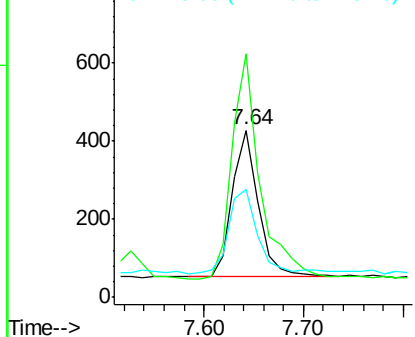
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100259.D
Acq: 1 Jul 2019 11:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 681
Ion Ratio Lower Upper
152 100
150 145.8 114.5 171.7
115 65.0 57.1 85.7



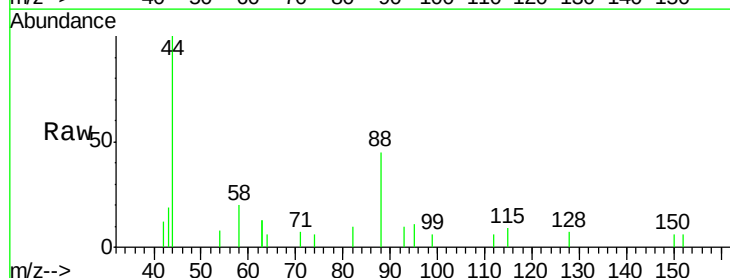
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



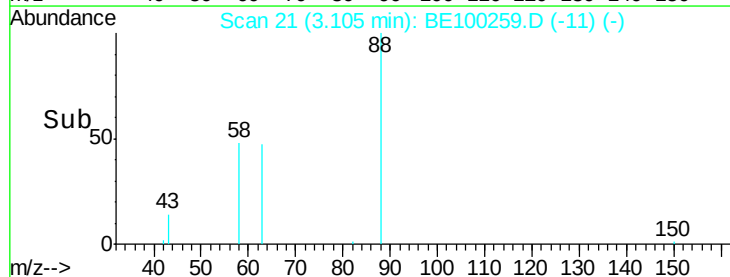
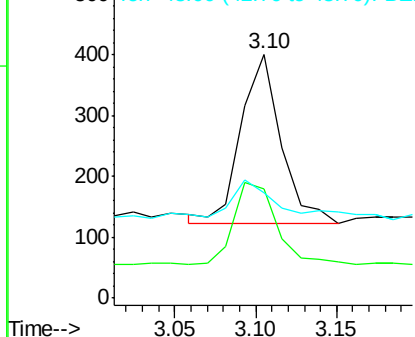
#2

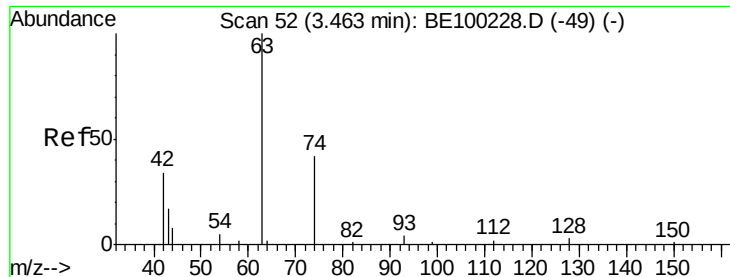
1,4-Dioxane
Concen: 0.451 ng
RT: 3.10 min Scan# 21
Delta R.T. 0.01 min
Lab File: BE100259.D
Acq: 1 Jul 2019 11:15

Tgt Ion: 88 Resp: 477
Ion Ratio Lower Upper
88 100
58 51.8 43.6 65.4
43 27.5 21.4 32.0



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



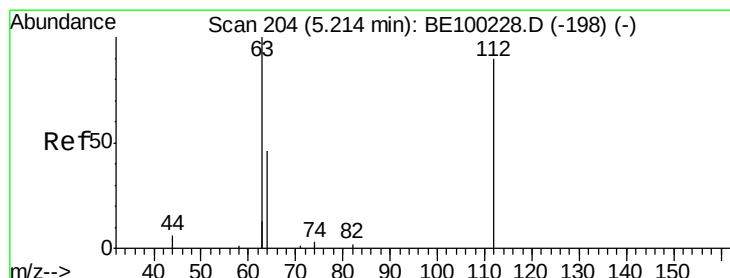
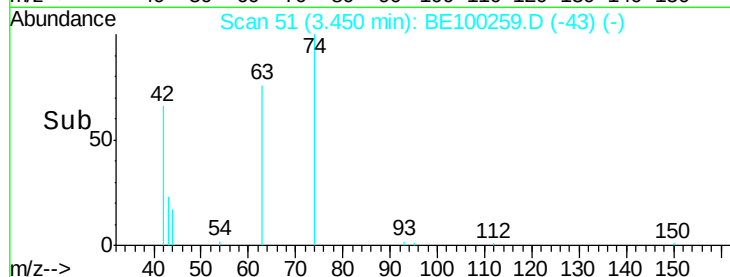
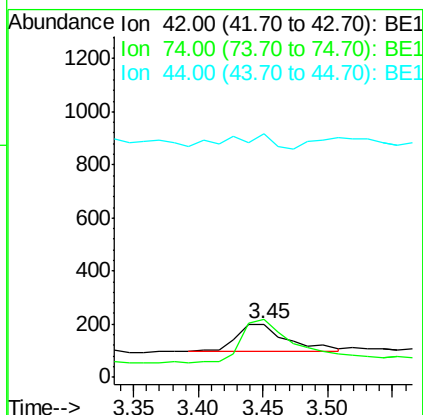
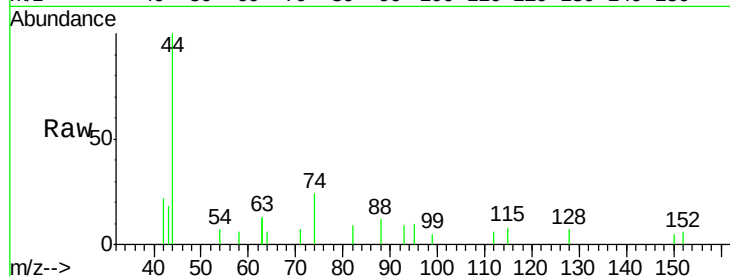


#3

n-Nitrosodimethylamine
 Concen: 0.593 ng
 RT: 3.45 min Scan# 51
 Delta R.T. -0.01 min
 Lab File: BE100259.D
 Acq: 1 Jul 2019 11:15

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

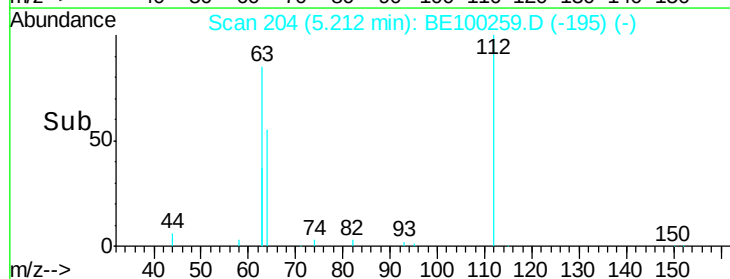
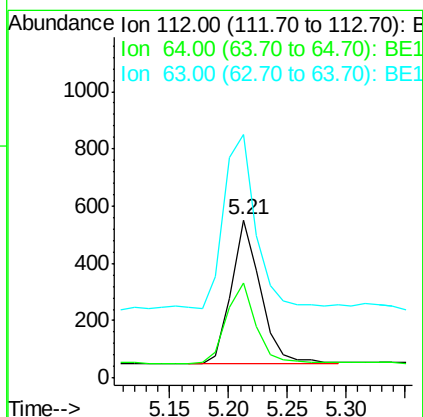
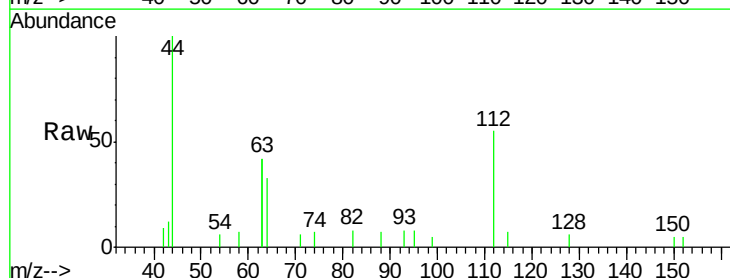
Tot Ion: 42 Resp: 292
 Ion Ratio Lower Upper
 42 100
 74 166.8 130.6 196.0
 44 41.8 38.0 57.0

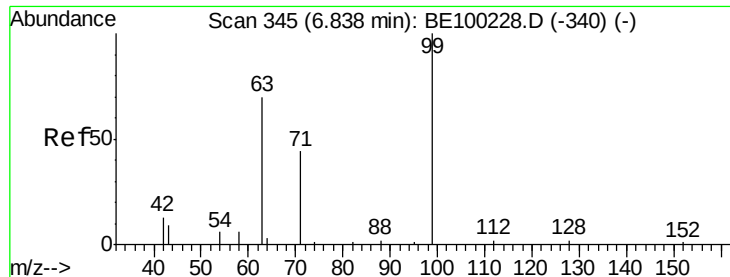


#4

2-Fluorophenol
 Concen: 0.500 ng
 RT: 5.21 min Scan# 204
 Delta R.T. -0.00 min
 Lab File: BE100259.D
 Acq: 1 Jul 2019 11:15

Tgt Ion: 112 Resp: 869
 Ion Ratio Lower Upper
 112 100
 64 57.5 39.4 59.0
 63 132.9 104.5 156.7





#5

Phenol-d6

Concen: 0.464 ng

RT: 6.82 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100259.D

Acq: 1 Jul 2019 11:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

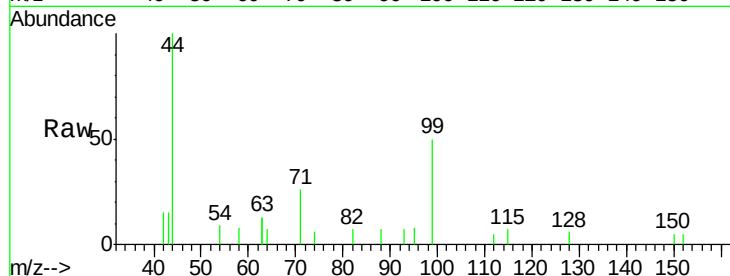
Tot Ion: 99 Resp: 1059

Ion Ratio Lower Upper

99 100

42 15.3 11.2 16.8

71 39.8 37.2 55.8



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

6.82

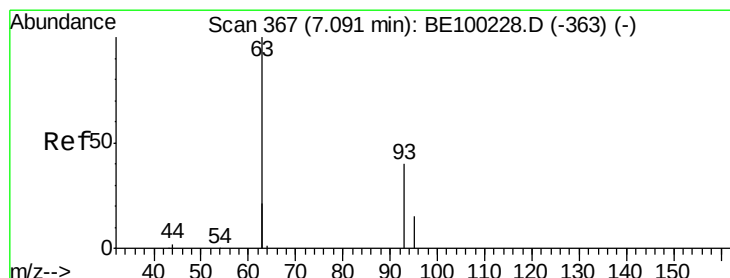
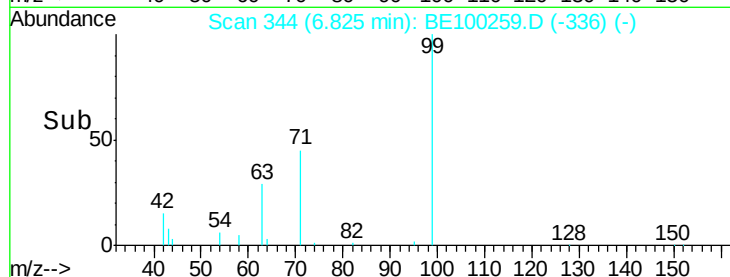
400

200

0

6.70 6.80 6.90 7.00 7.10

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.426 ng

RT: 7.08 min Scan# 366

Delta R.T. -0.01 min

Lab File: BE100259.D

Acq: 1 Jul 2019 11:15

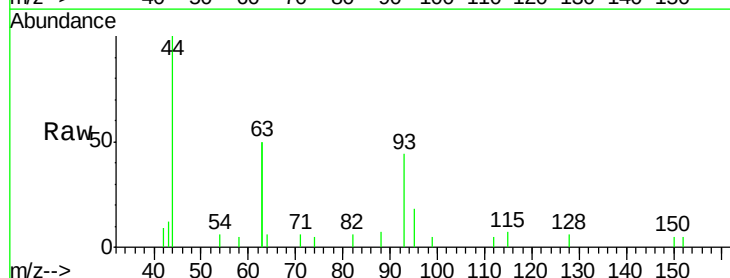
Tgt Ion: 93 Resp: 800

Ion Ratio Lower Upper

93 100

63 264.9 155.6 233.4#

95 36.5 23.0 34.4#



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

7.08

1500

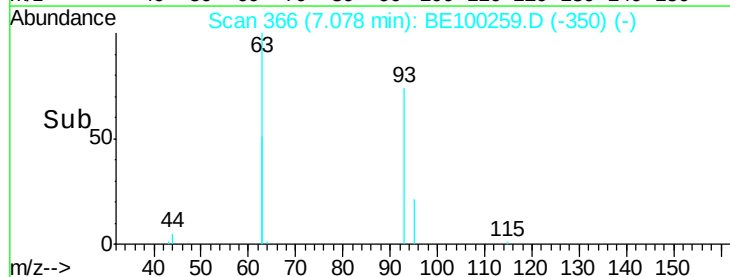
1000

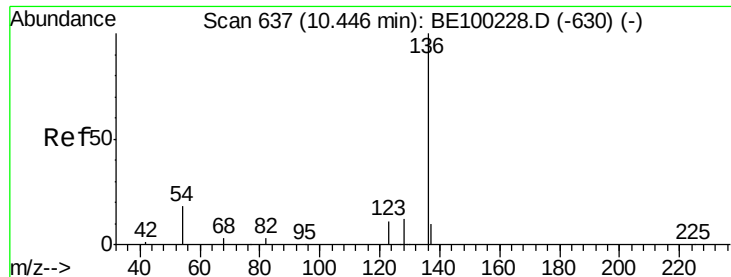
500

0

7.00 7.05 7.10 7.15 7.20

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100259.D

Acq: 1 Jul 2019 11:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 2313

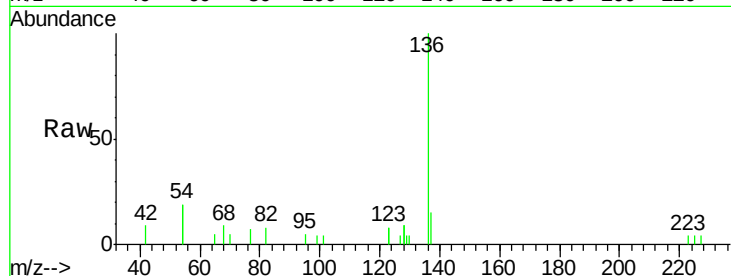
Ion Ratio Lower Upper

136 100

137 14.6 11.8 17.8

54 37.3 27.7 41.5

68 8.7 6.8 10.2

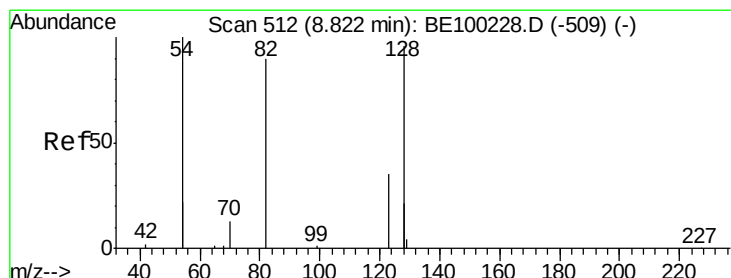
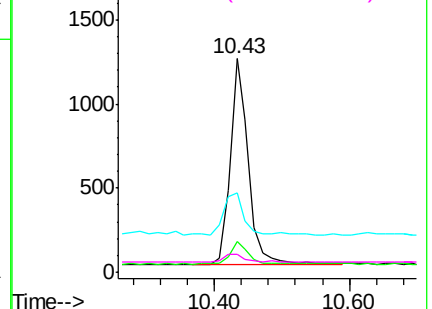
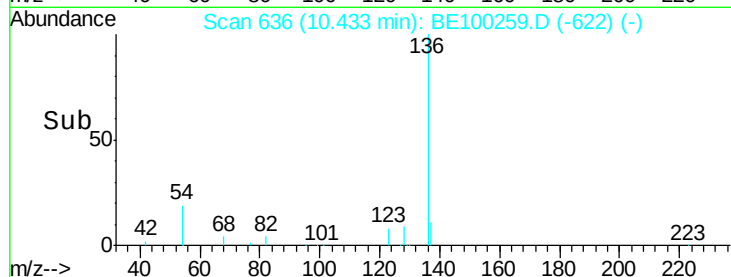


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.443 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100259.D

Acq: 1 Jul 2019 11:15

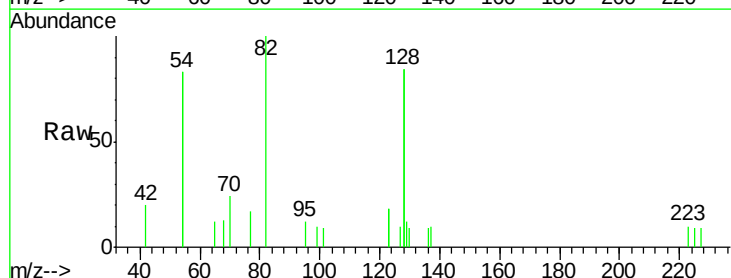
Tgt Ion: 82 Resp: 1019

Ion Ratio Lower Upper

82 100

128 168.6 140.9 211.3

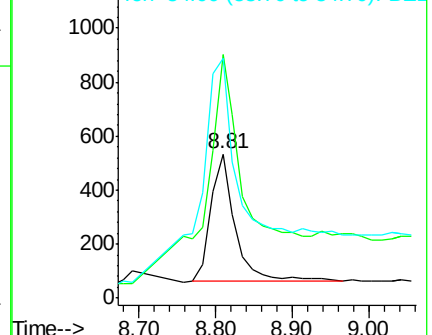
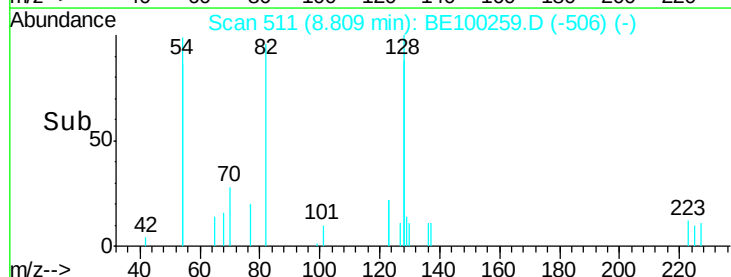
54 166.4 146.2 219.2

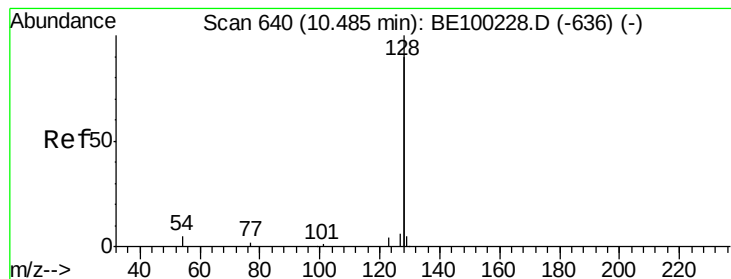


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.420 ng

RT: 10.48 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE100259.D

Acq: 1 Jul 2019 11:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

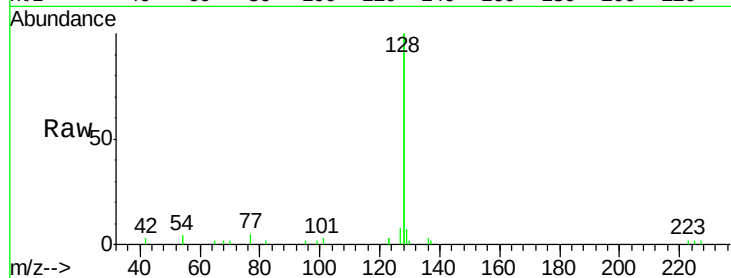
Tot Ion:128 Resp: 10716

Ion Ratio Lower Upper

128 100

129 3.6 3.0 4.6

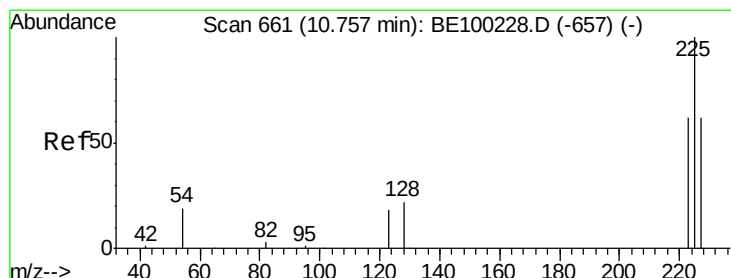
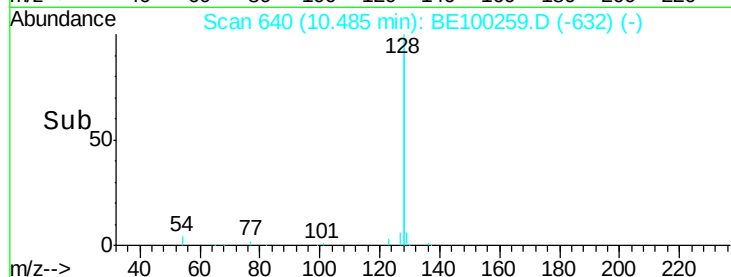
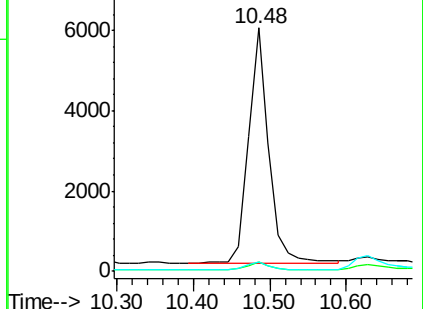
127 3.9 3.5 5.3



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: 10.76 min Scan# 661

Delta R.T. 0.00 min

Lab File: BE100259.D

Acq: 1 Jul 2019 11:15

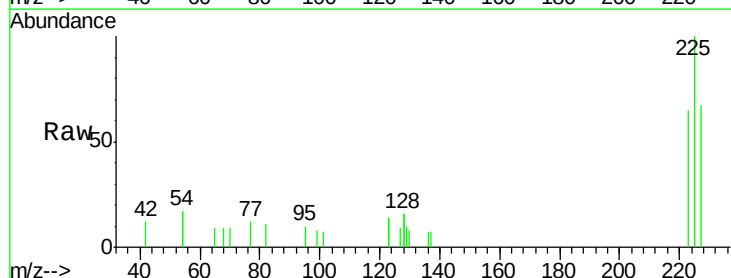
Tgt Ion:225 Resp: 1038

Ion Ratio Lower Upper

225 100

223 61.3 49.1 73.7

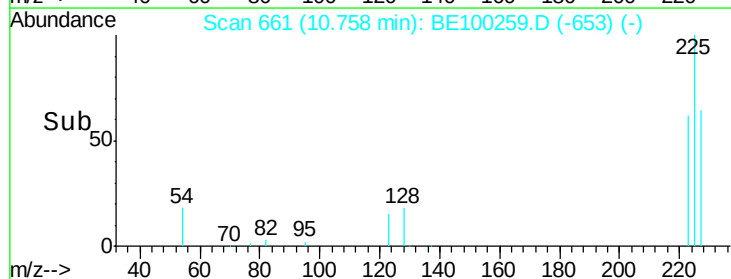
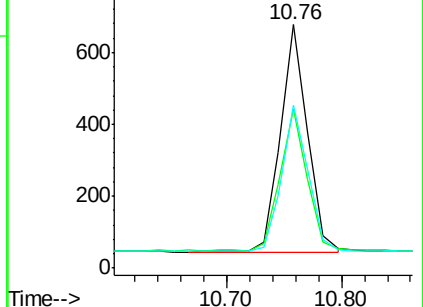
227 63.4 49.3 73.9

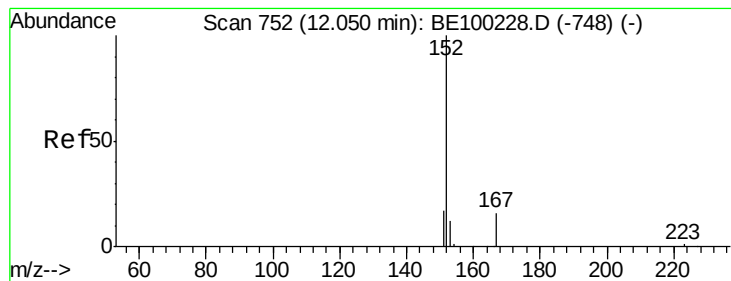


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

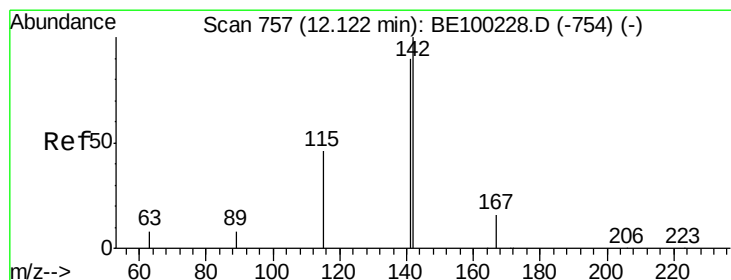
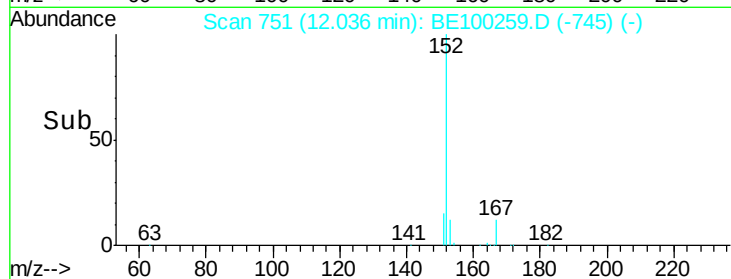
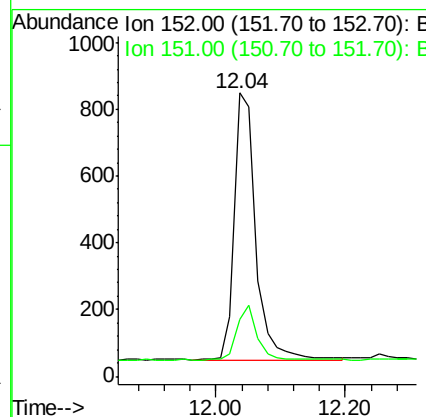
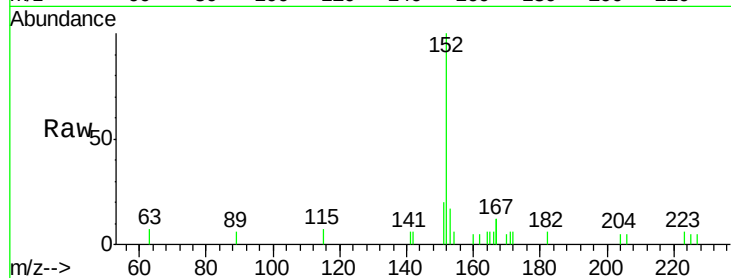




#11
2-Methylnaphthalene-d10
Concen: 0.424 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100259.D
Acq: 1 Jul 2019 11:15

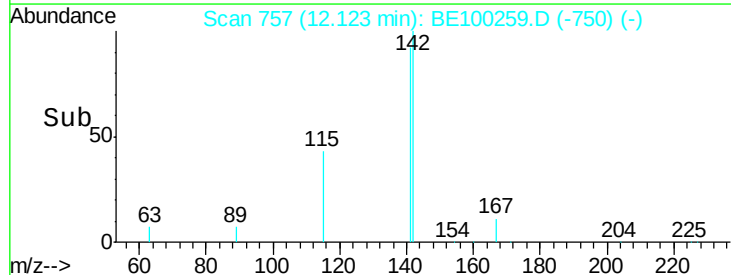
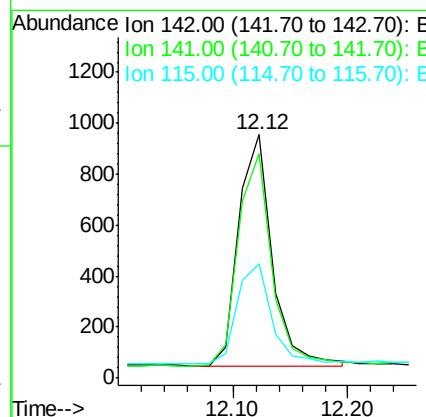
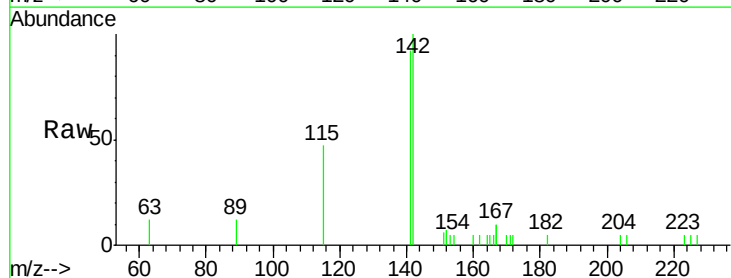
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

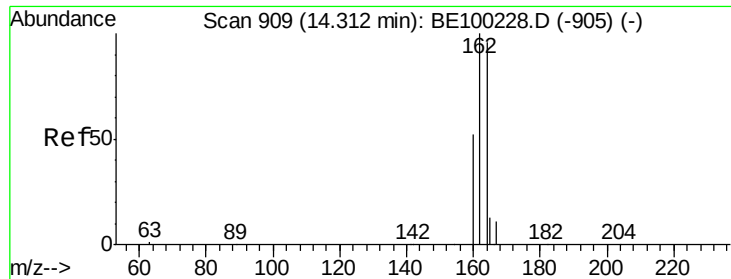
Tot Ion:152 Resp: 1845
Ion Ratio Lower Upper
152 100
151 19.2 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.410 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.00 min
Lab File: BE100259.D
Acq: 1 Jul 2019 11:15

Tgt Ion:142 Resp: 1835
Ion Ratio Lower Upper
142 100
141 92.4 72.4 108.6
115 47.1 40.4 60.6

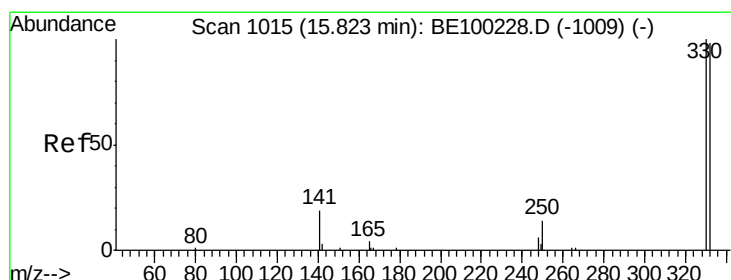
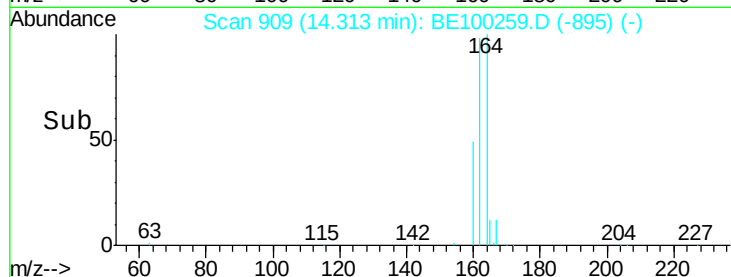
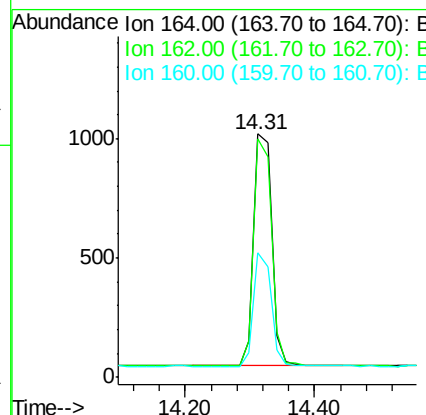
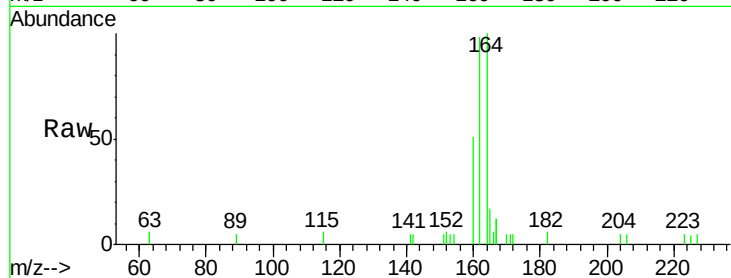




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100259.D
Acq: 1 Jul 2019 11:15

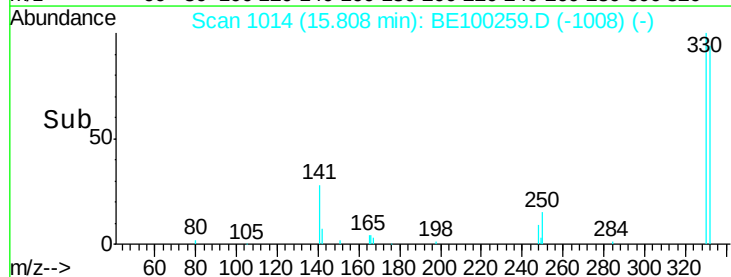
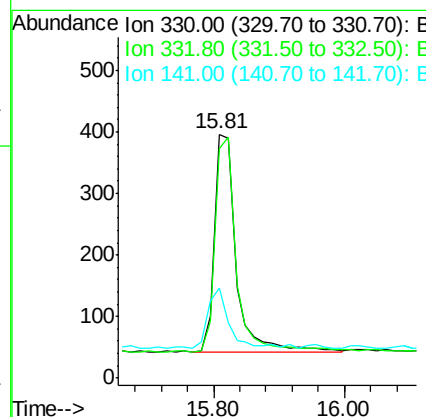
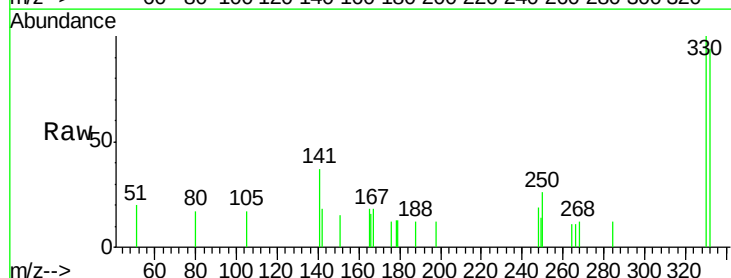
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

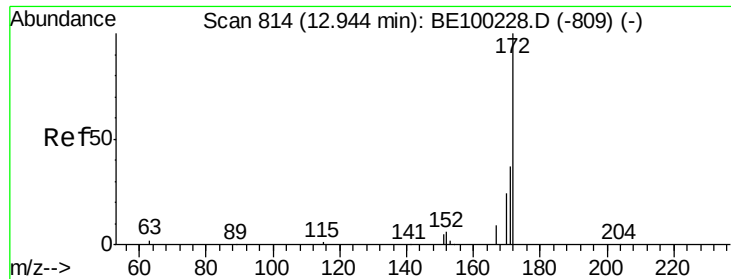
Tot Ion:164 Resp: 1892
Ion Ratio Lower Upper
164 100
162 97.9 83.4 125.0
160 51.1 45.0 67.6



#14
2,4,6-Tribromophenol
Concen: 0.609 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100259.D
Acq: 1 Jul 2019 11:15

Tgt Ion:330 Resp: 806
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.4
141 27.7 22.0 33.0

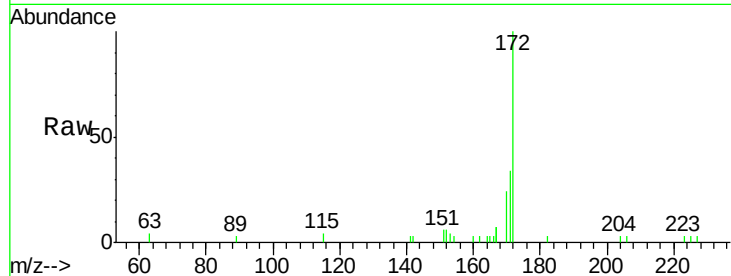




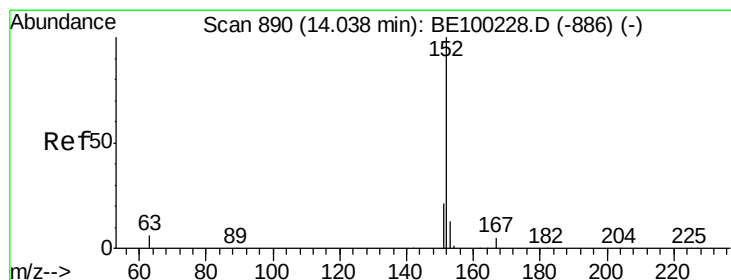
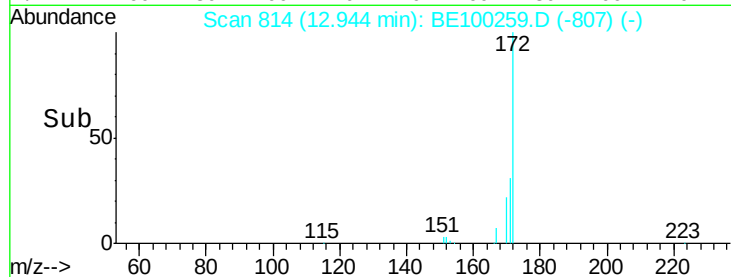
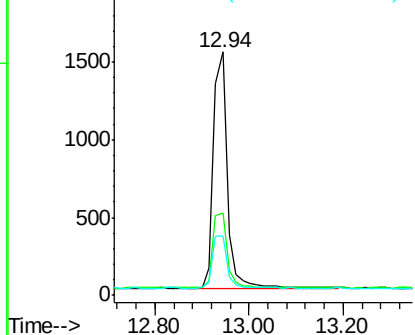
#15
2-Fluorobiphenyl
Concen: 0.420 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100259.D
Acq: 1 Jul 2019 11:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 3096
Ion Ratio Lower Upper
172 100
171 33.8 31.9 47.9
170 24.4 22.2 33.2

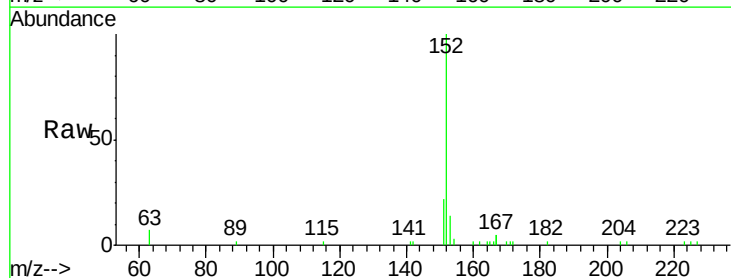


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

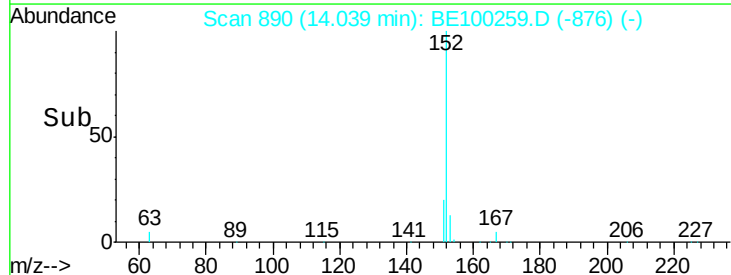
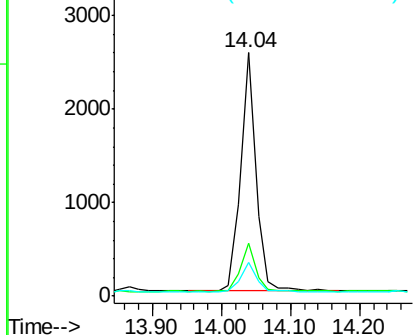


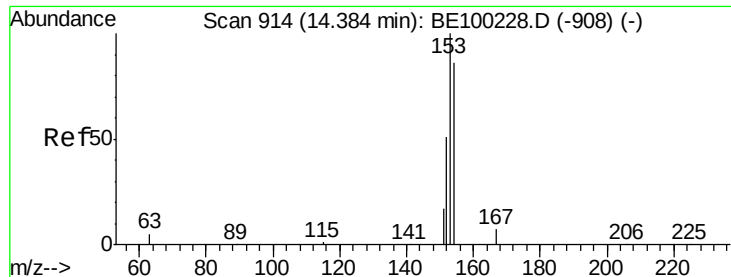
#16
Acenaphthylene
Concen: 0.432 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100259.D
Acq: 1 Jul 2019 11:15

Tgt Ion:152 Resp: 3922
Ion Ratio Lower Upper
152 100
151 19.7 16.6 25.0
153 12.9 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

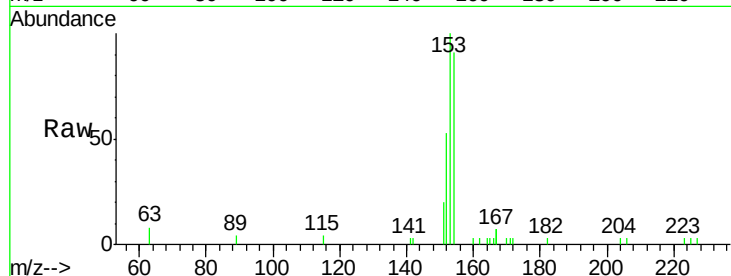




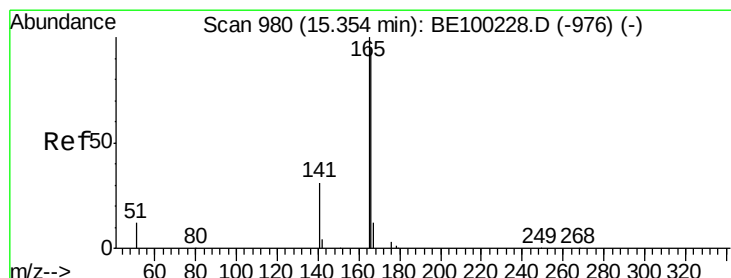
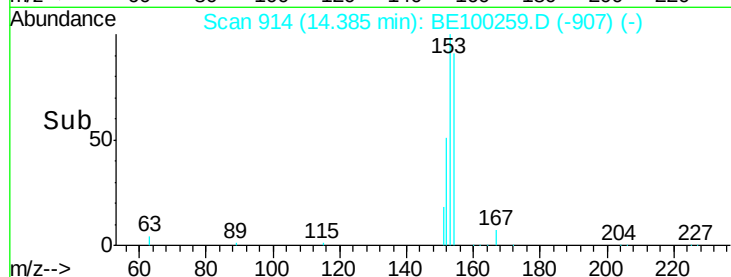
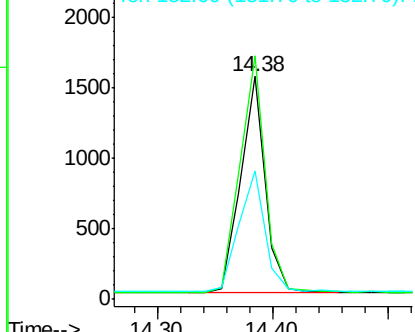
#17
Acenaphthene
Concen: 0.438 ng
RT: 14.38 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100259.D
Acq: 1 Jul 2019 11:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:154 Resp: 2254
Ion Ratio Lower Upper
154 100
153 113.8 93.4 140.2
152 58.8 49.4 74.2

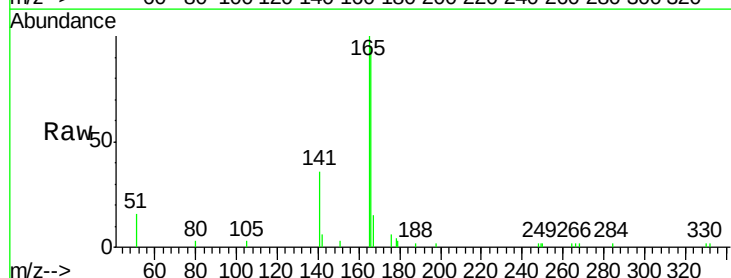


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

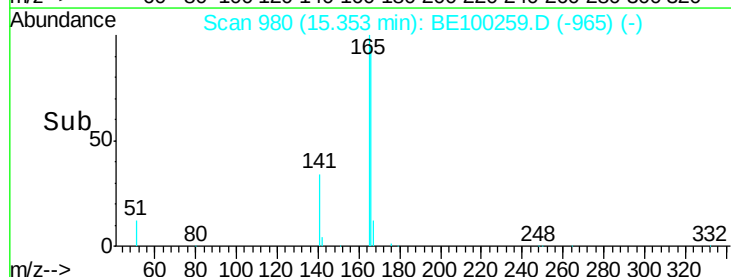
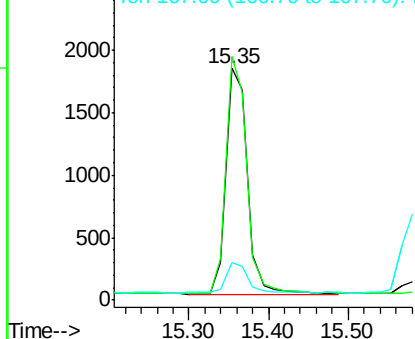


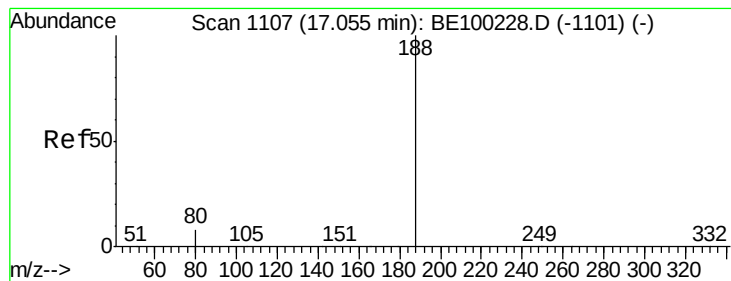
#18
Fluorene
Concen: 0.443 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100259.D
Acq: 1 Jul 2019 11:15

Tgt Ion:166 Resp: 3370
Ion Ratio Lower Upper
166 100
165 101.1 81.1 121.7
167 13.7 10.7 16.1



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: 17.07 min Scan# 1108

Delta R.T. 0.01 min

Lab File: BE100259.D

Acq: 1 Jul 2019 11:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

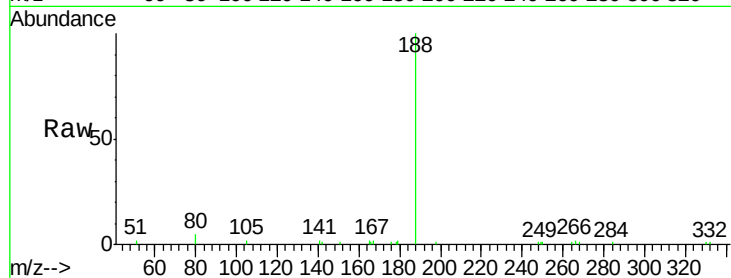
Tot Ion:188 Resp: 6356

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

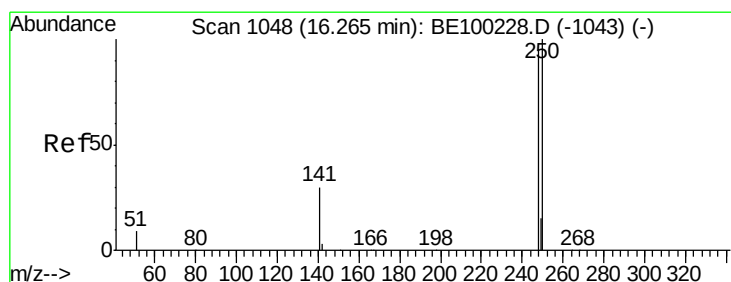
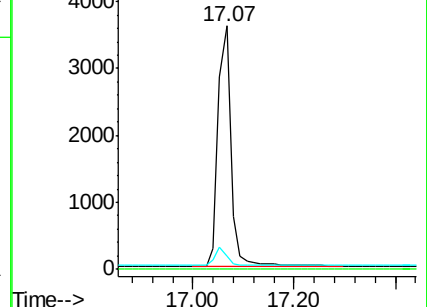
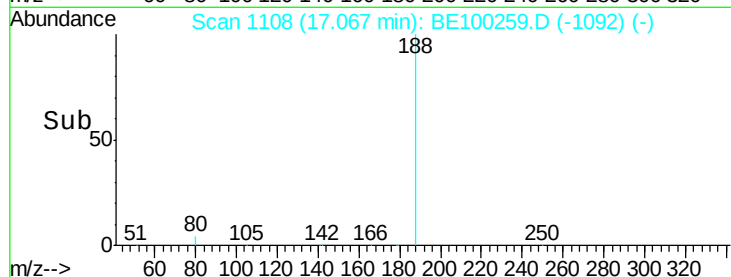
80 5.3 7.6 11.4#



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: 0.422 ng

RT: 16.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BE100259.D

Acq: 1 Jul 2019 11:15

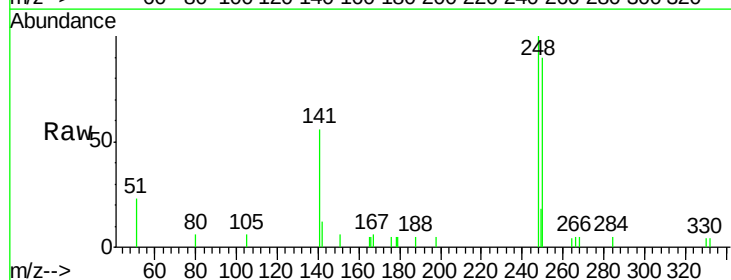
Tgt Ion:248 Resp: 1712

Ion Ratio Lower Upper

248 100

250 90.2 84.2 126.4

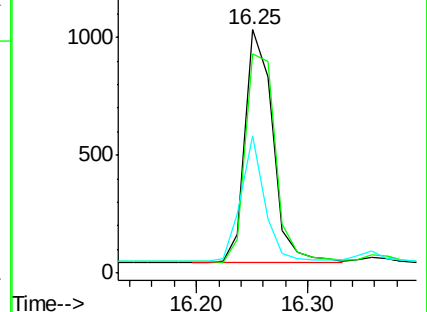
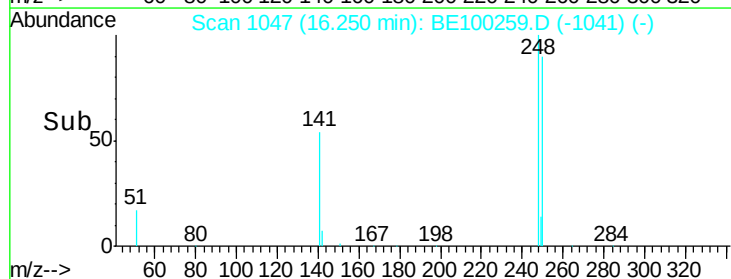
141 56.4 29.3 43.9#

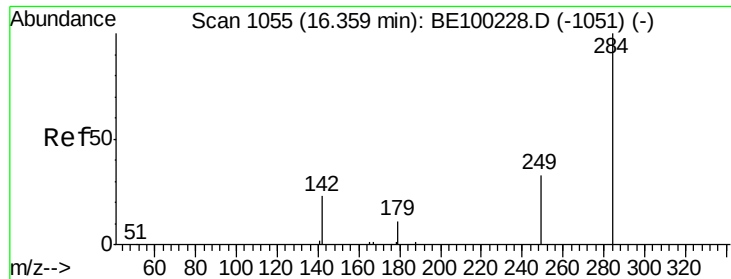


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

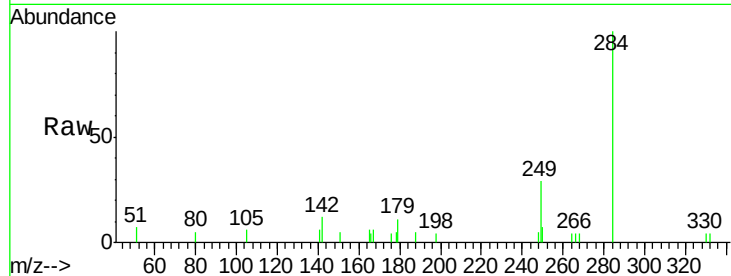




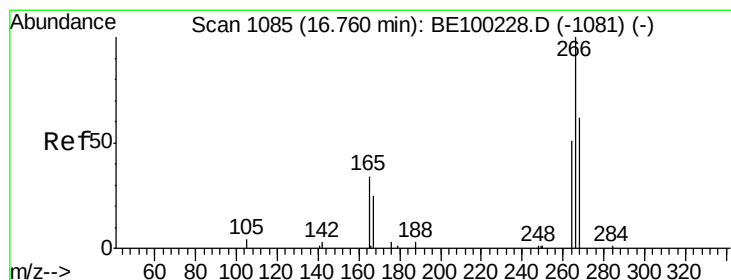
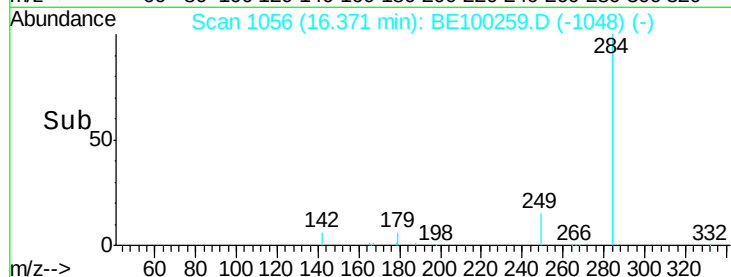
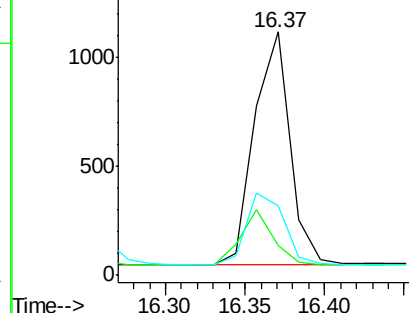
#21
Hexachlorobenzene
Concen: 0.399 ng
RT: 16.37 min Scan# 1056
Delta R.T. 0.01 min
Lab File: BE100259.D
Acq: 1 Jul 2019 11:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:284 Resp: 1680
Ion Ratio Lower Upper
284 100
142 22.3 18.8 28.2
249 32.6 23.7 35.5

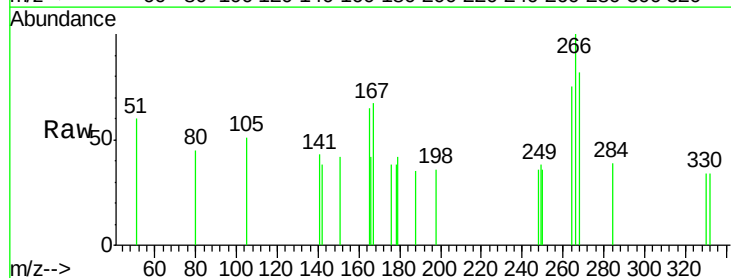


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

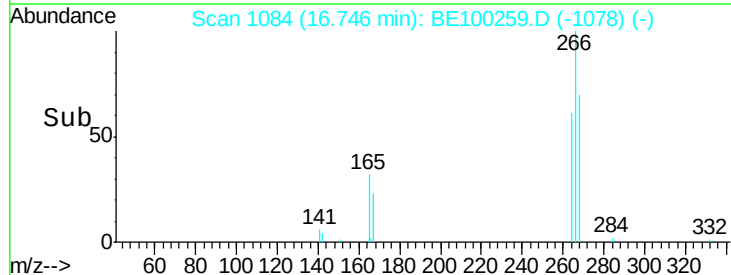
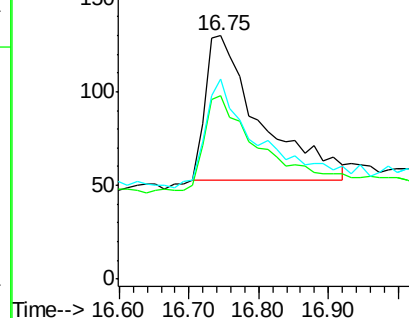


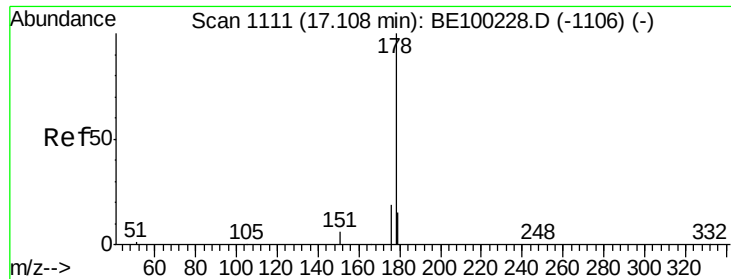
#22
Pentachlorophenol
Concen: 0.330 ng
RT: 16.75 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BE100259.D
Acq: 1 Jul 2019 11:15

Tgt Ion:266 Resp: 418
Ion Ratio Lower Upper
266 100
264 75.4 56.2 84.2
268 82.3 61.8 92.6



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: 0.423 ng

RT: 17.11 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE100259.D

Acq: 1 Jul 2019 11:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

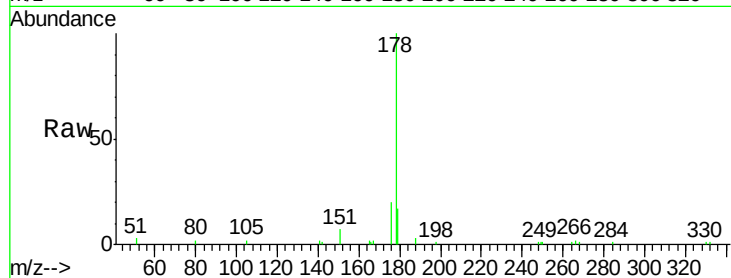
Tot Ion:178 Resp: 6516

Ion Ratio Lower Upper

178 100

176 20.2 15.9 23.9

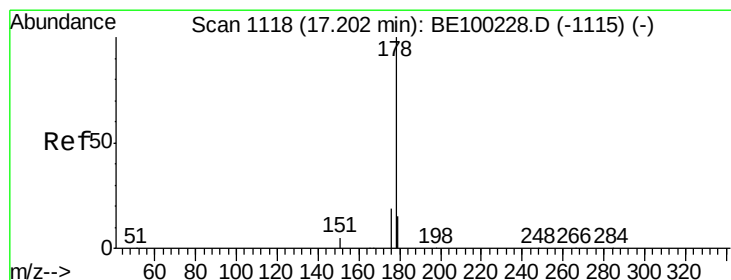
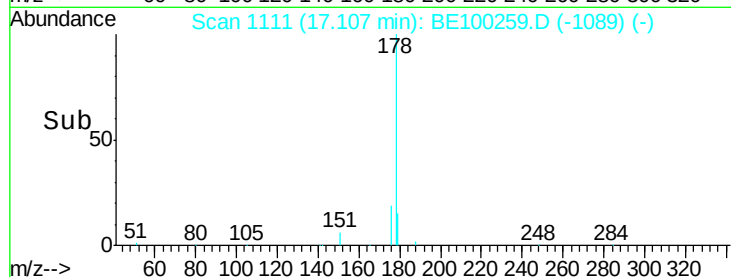
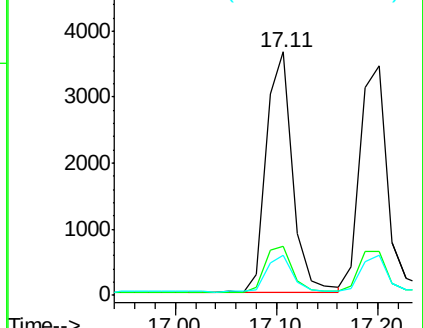
179 15.3 12.2 18.2



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: 0.458 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100259.D

Acq: 1 Jul 2019 11:15

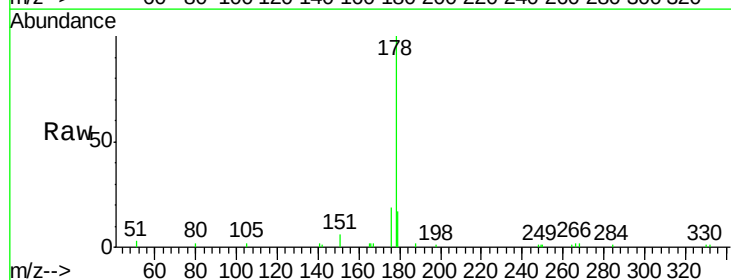
Tgt Ion:178 Resp: 6347

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

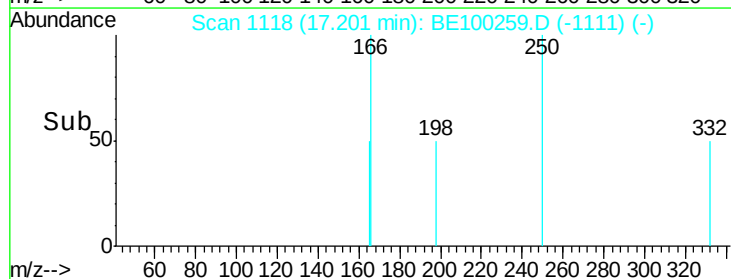
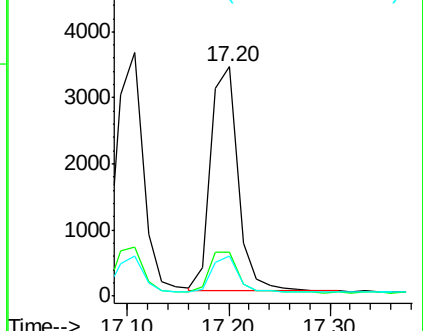
179 15.3 12.2 18.2

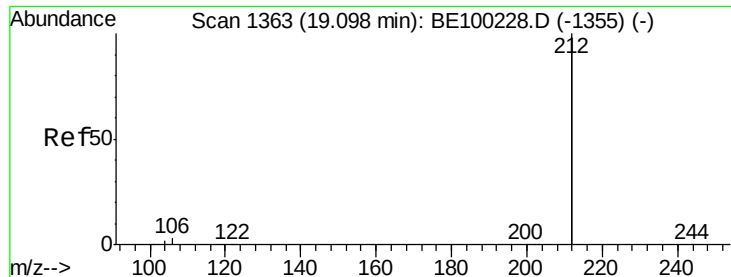


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.418 ng

RT: 19.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BE100259.D

Acq: 1 Jul 2019 11:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

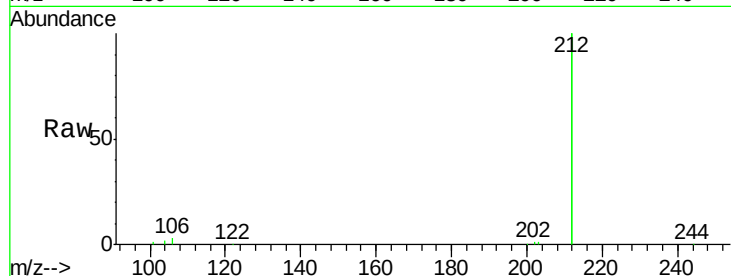
Tot Ion:212 Resp: 38584

Ion Ratio Lower Upper

212 100

106 1.7 1.3 1.9

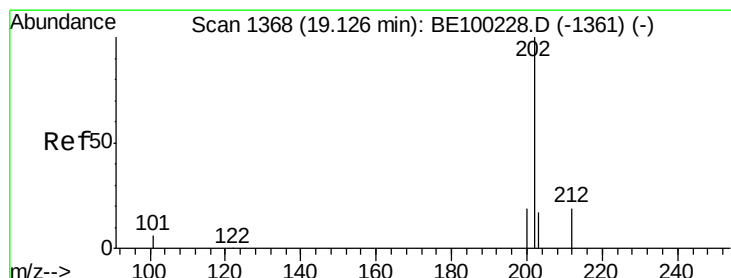
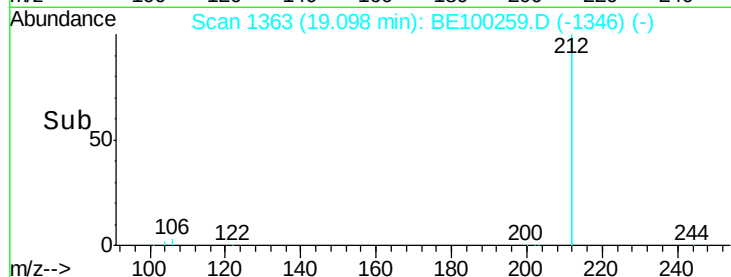
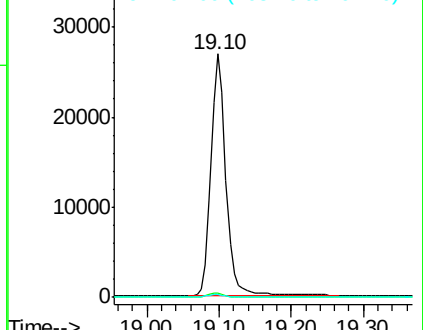
104 0.9 0.8 1.2



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.418 ng

RT: 19.13 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE100259.D

Acq: 1 Jul 2019 11:15

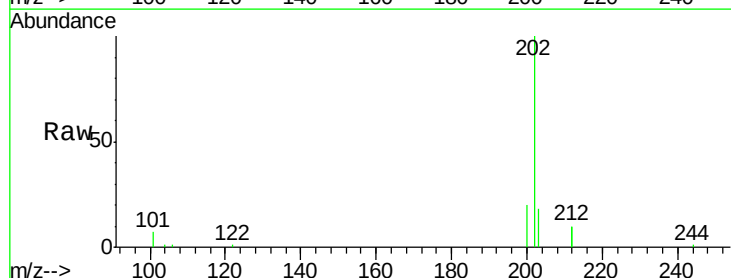
Tgt Ion:202 Resp: 10264

Ion Ratio Lower Upper

202 100

101 6.0 4.6 7.0

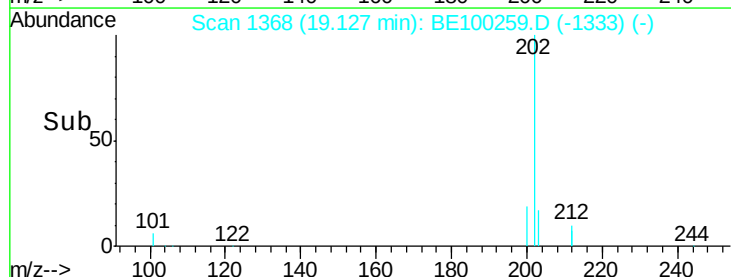
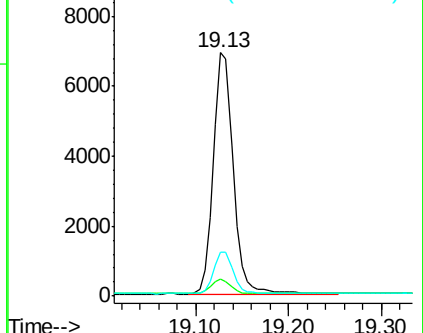
203 17.4 13.7 20.5

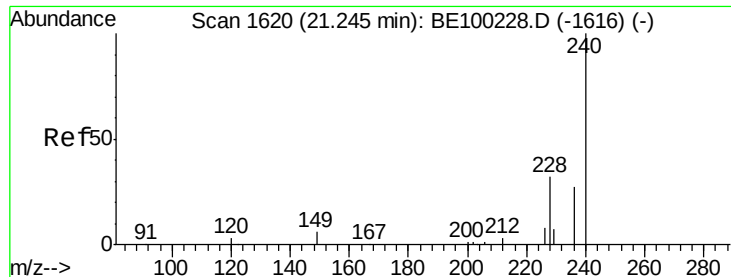


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

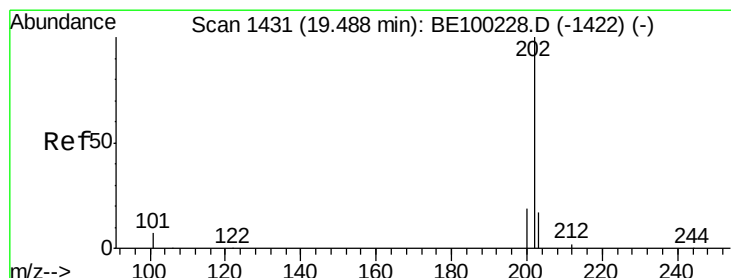
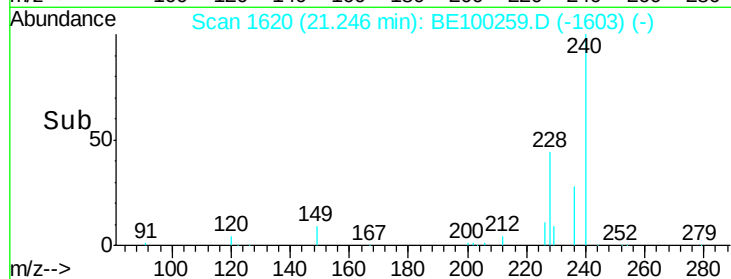
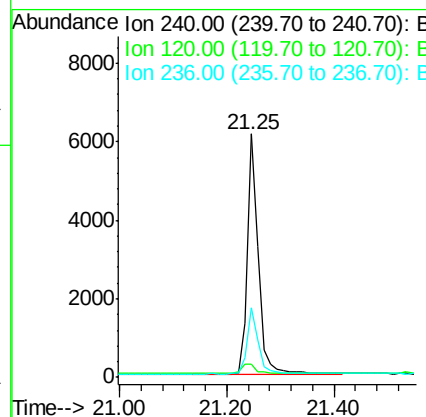
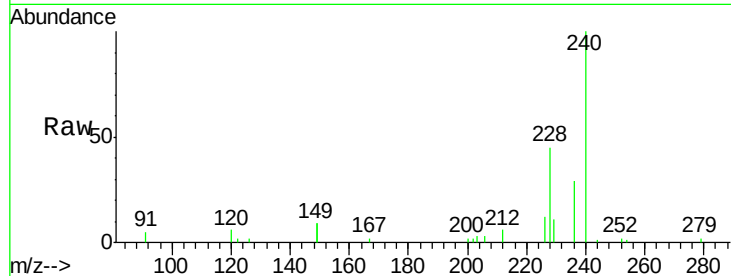




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100259.D
Acq: 1 Jul 2019 11:15

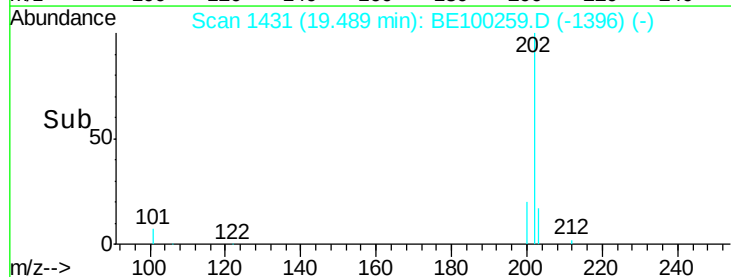
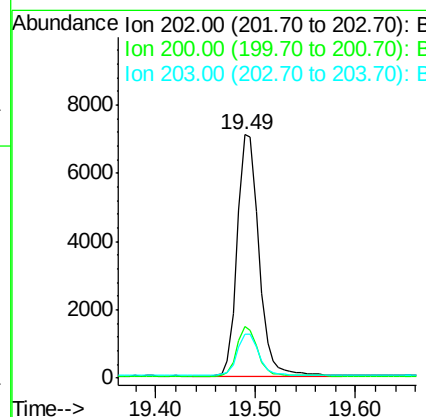
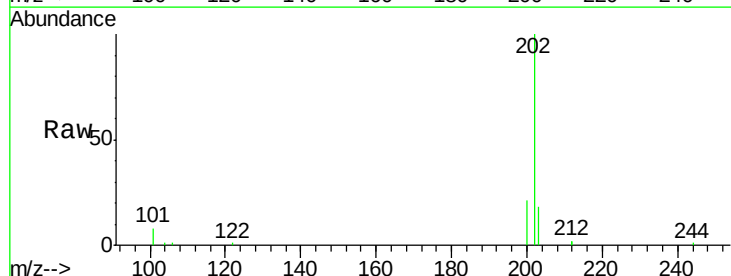
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

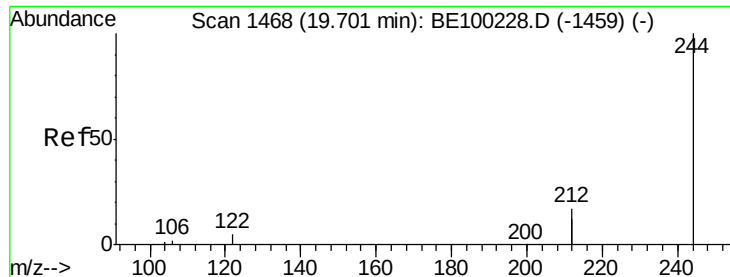
Tot Ion:240 Resp: 8874
Ion Ratio Lower Upper
240 100
120 5.7 3.3 4.9#
236 28.6 22.6 34.0



#28
Pyrene
Concen: 0.453 ng
RT: 19.49 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE100259.D
Acq: 1 Jul 2019 11:15

Tgt Ion:202 Resp: 10643
Ion Ratio Lower Upper
202 100
200 19.9 15.6 23.4
203 17.6 14.0 21.0





#29

Terphenyl-d14

Concen: 0.464 ng

RT: 19.70 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BE100259.D

Acq: 1 Jul 2019 11:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

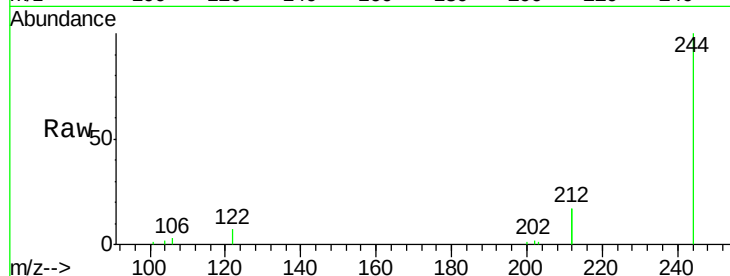
Tot Ion:244 Resp: 8542

Ion Ratio Lower Upper

244 100

212 33.6 27.3 40.9

122 6.8 4.7 7.1

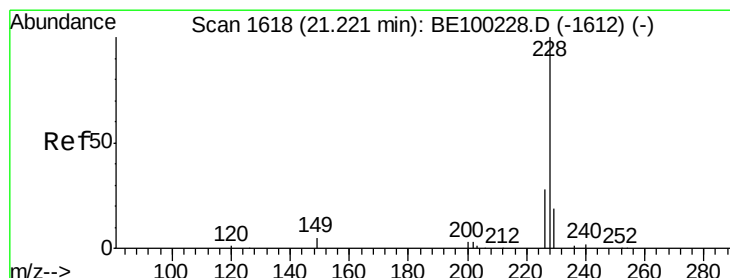
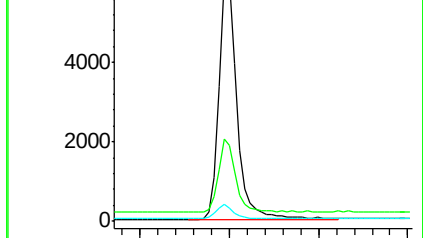
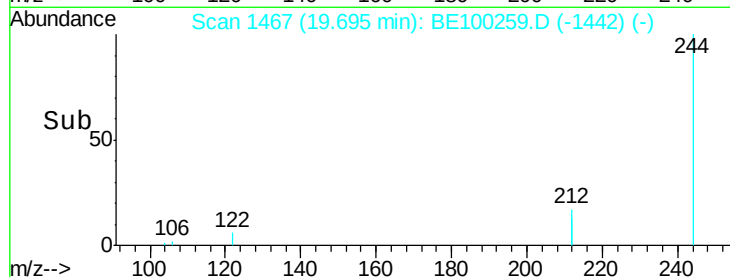


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



#30

Benzo(a)anthracene

Concen: 0.436 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100259.D

Acq: 1 Jul 2019 11:15

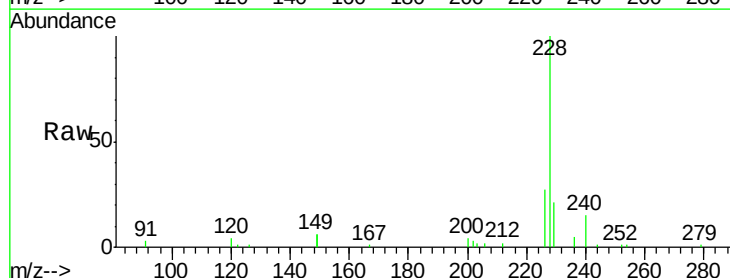
Tgt Ion:228 Resp: 12708

Ion Ratio Lower Upper

228 100

226 26.9 23.2 34.8

229 20.7 15.7 23.5

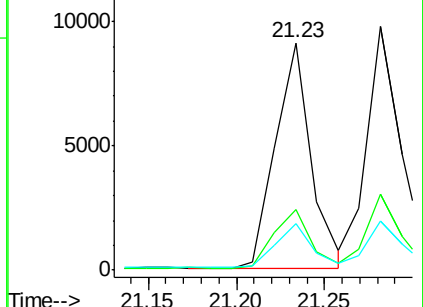
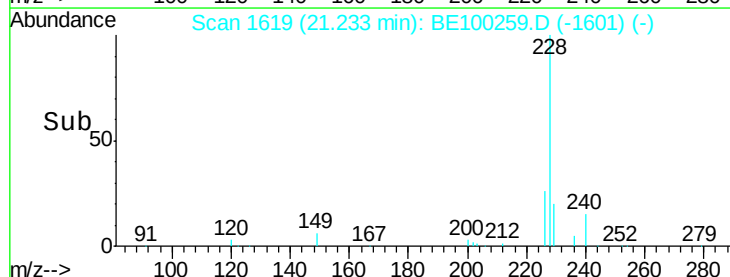


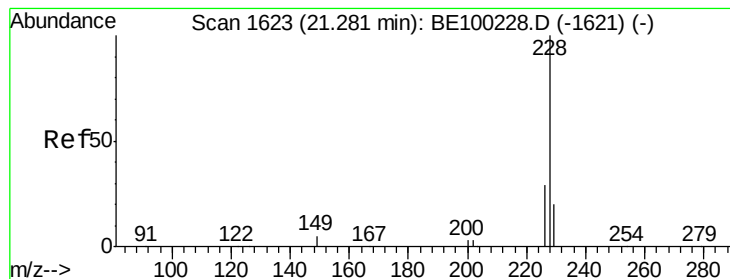
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->





#31

Chrysene

Concen: 0.441 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100259.D

Acq: 1 Jul 2019 11:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

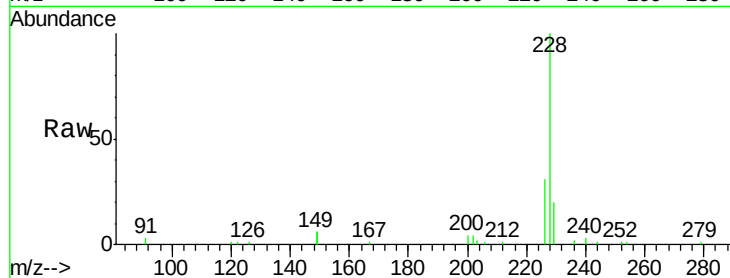
Tot Ion:228 Resp: 12921

Ion Ratio Lower Upper

228 100

226 31.0 23.9 35.9

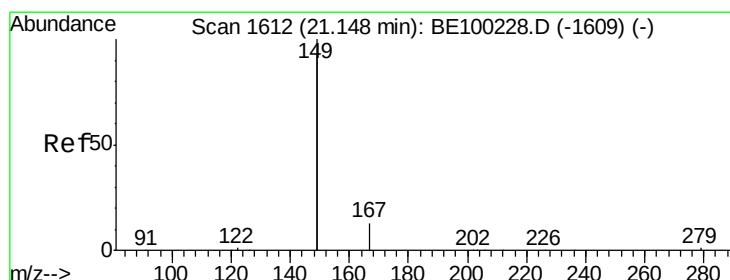
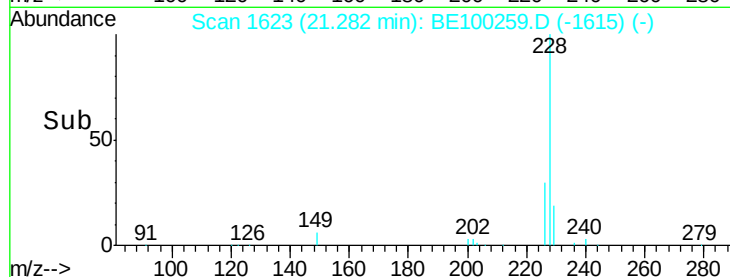
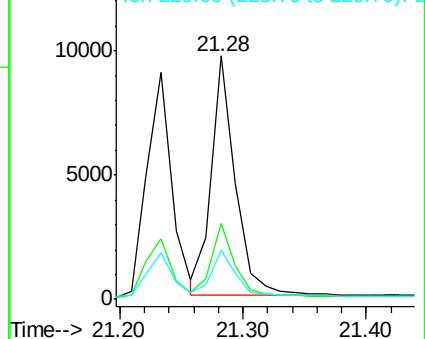
229 20.2 16.5 24.7



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: 0.415 ng

RT: 21.15 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE100259.D

Acq: 1 Jul 2019 11:15

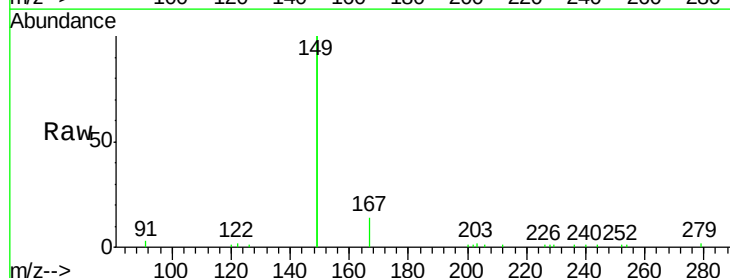
Tgt Ion:149 Resp: 19487

Ion Ratio Lower Upper

149 100

167 7.4 5.8 8.8

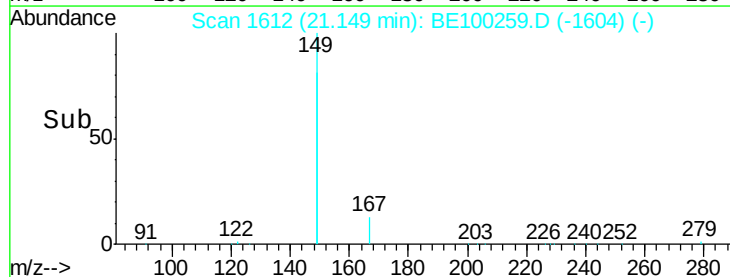
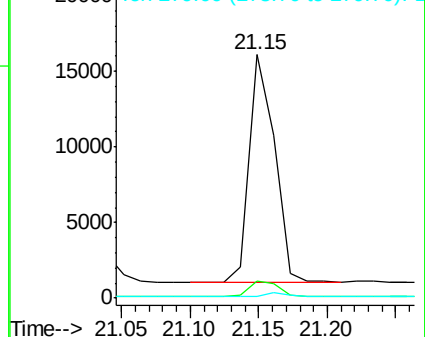
279 1.7 1.1 1.7#

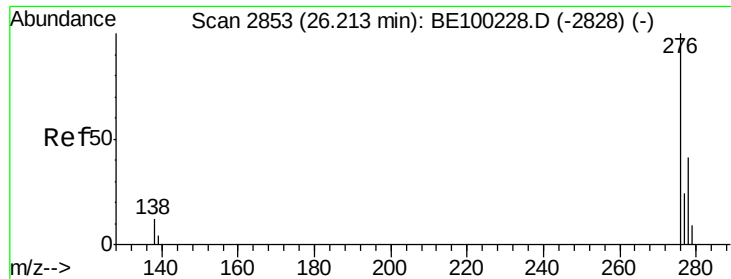


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

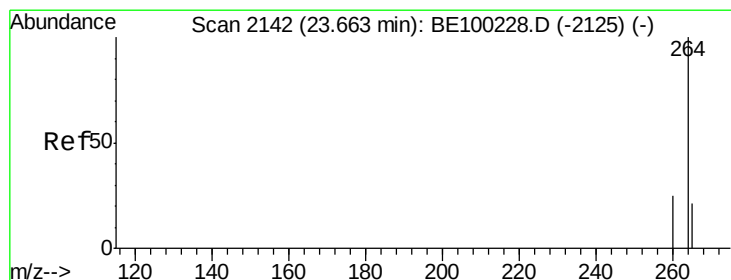
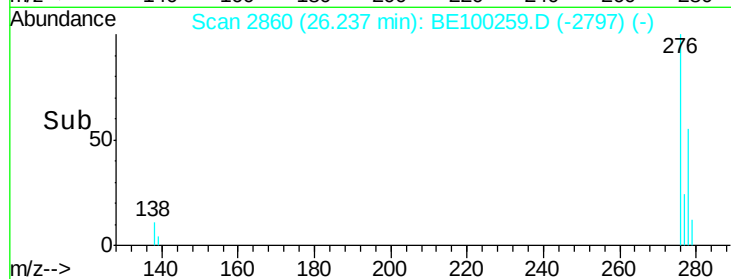
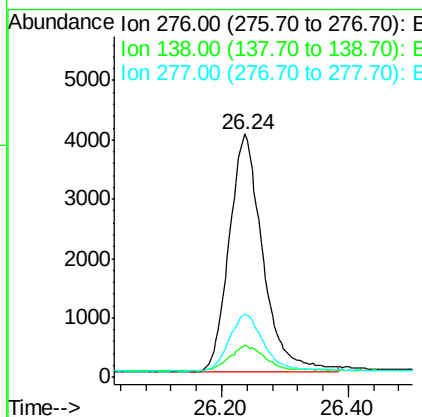
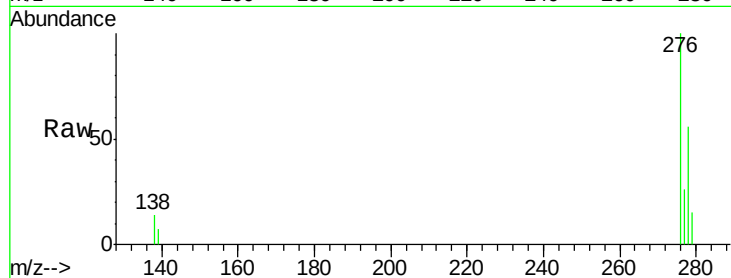




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.382 ng
 RT: 26.24 min Scan# 2860
 Delta R.T. 0.02 min
 Lab File: BE100259.D
 Acq: 1 Jul 2019 11:15

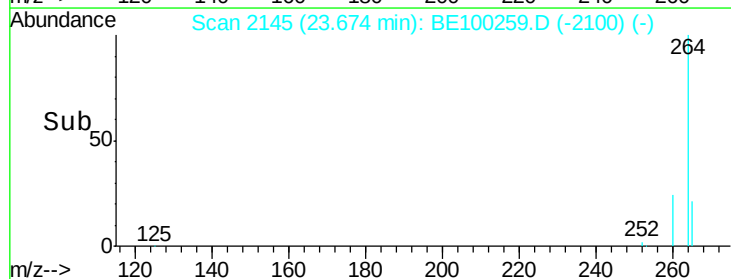
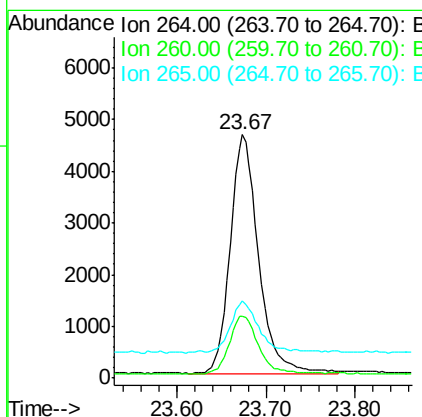
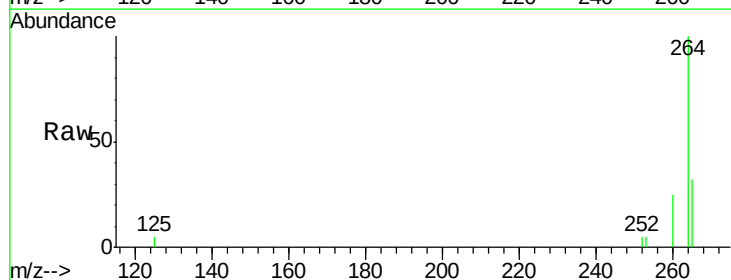
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

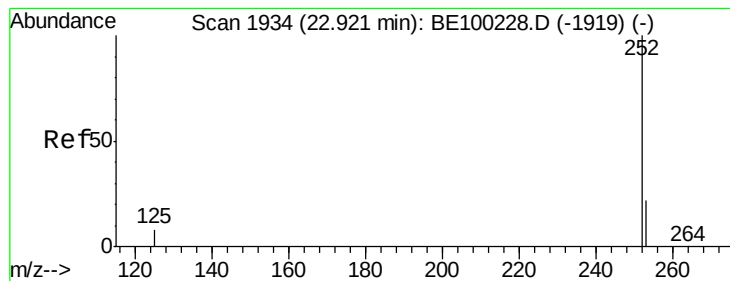
Tot Ion:276 Resp: 14819
 Ion Ratio Lower Upper
 276 100
 138 11.1 9.4 14.0
 277 24.0 19.2 28.8



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.67 min Scan# 2145
 Delta R.T. 0.01 min
 Lab File: BE100259.D
 Acq: 1 Jul 2019 11:15

Tgt Ion:264 Resp: 10236
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.8 31.2
 265 31.5 21.8 32.6





#35

Benzo(b)fluoranthene

Concen: 0.432 ng

RT: 22.93 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BE100259.D

Acq: 1 Jul 2019 11:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

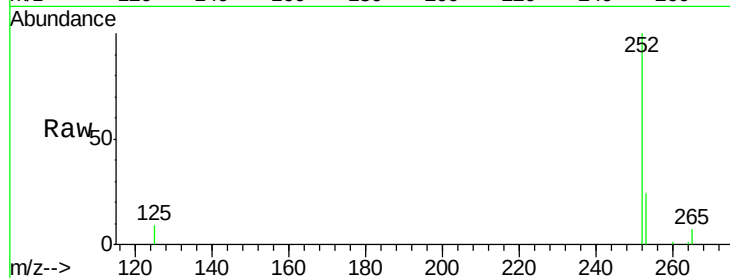
Tot Ion:252 Resp: 12000

Ion Ratio Lower Upper

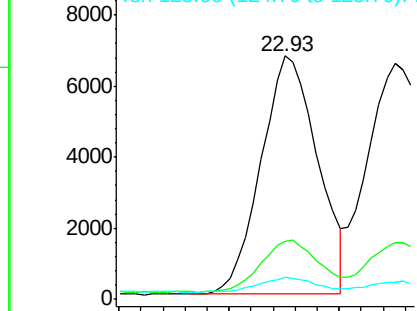
252 100

253 23.8 19.2 28.8

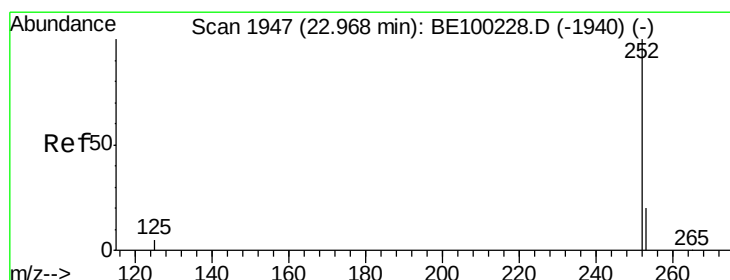
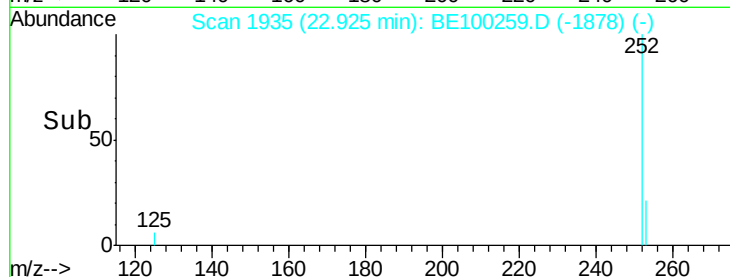
125 8.9 7.4 11.0



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



Time--> 22.85 22.90 22.95



#36

Benzo(k)fluoranthene

Concen: 0.419 ng

RT: 22.98 min Scan# 1949

Delta R.T. 0.01 min

Lab File: BE100259.D

Acq: 1 Jul 2019 11:15

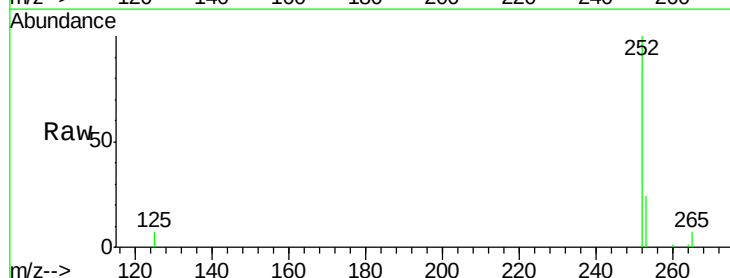
Tgt Ion:252 Resp: 12977

Ion Ratio Lower Upper

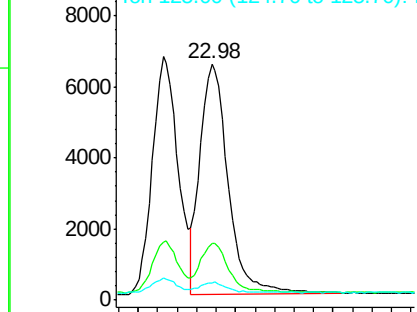
252 100

253 24.1 17.9 26.9

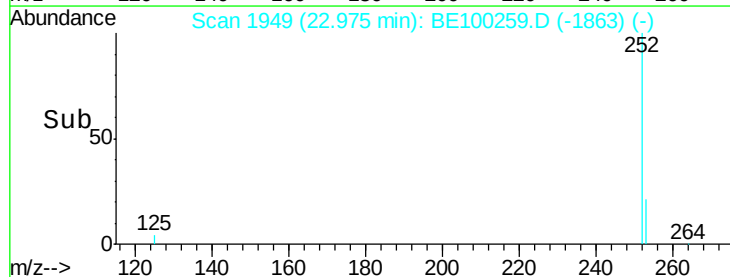
125 7.5 5.0 7.4#

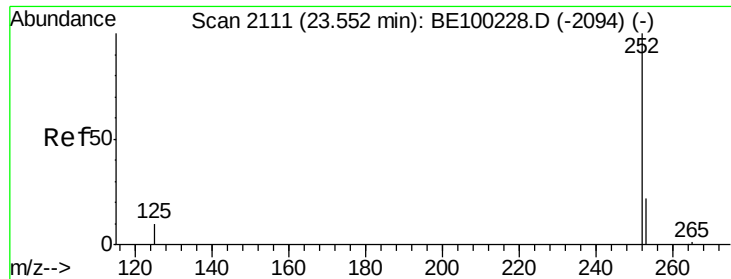


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time--> 22.90 23.00 23.10





#37

Benzo(a)pyrene

Concen: 0.428 ng

RT: 23.57 min Scan# 2115

Delta R.T. 0.01 min

Lab File: BE100259.D

Acq: 1 Jul 2019 11:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

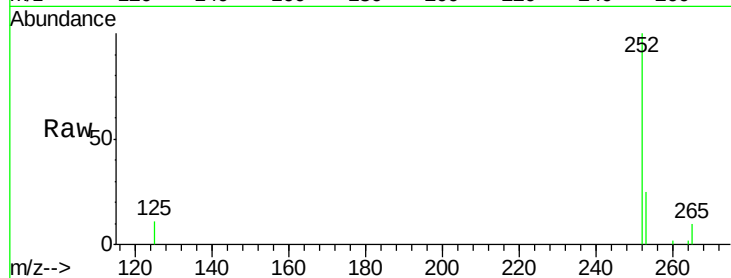
Tot Ion:252 Resp: 11913

Ion Ratio Lower Upper

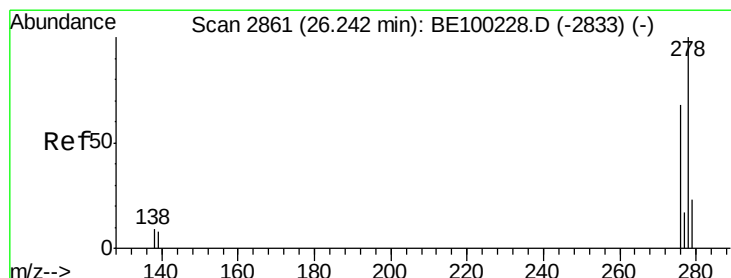
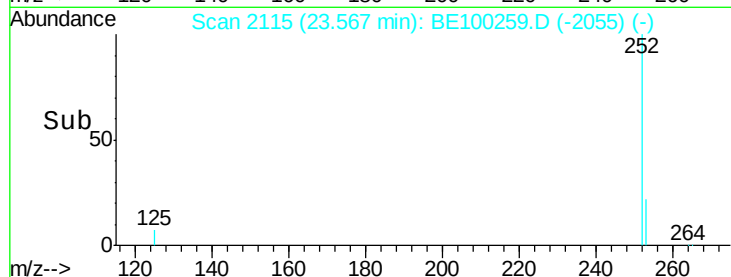
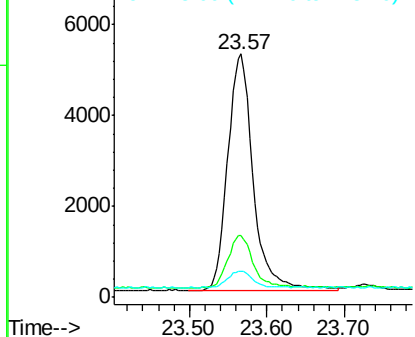
252 100

253 25.3 19.6 29.4

125 10.9 9.0 13.6



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



#38

Dibenzo(a,h)anthracene

Concen: 0.415 ng

RT: 26.26 min Scan# 2866

Delta R.T. 0.02 min

Lab File: BE100259.D

Acq: 1 Jul 2019 11:15

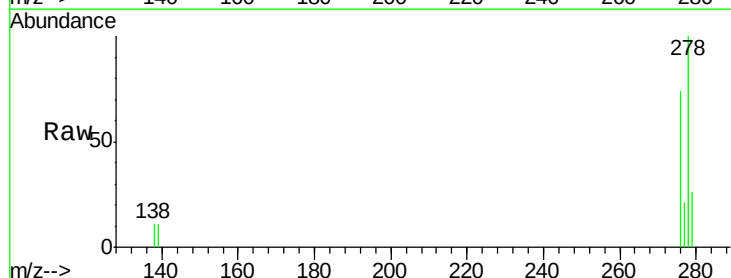
Tgt Ion:278 Resp: 12056

Ion Ratio Lower Upper

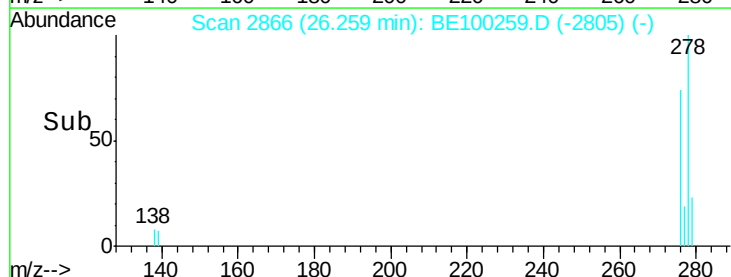
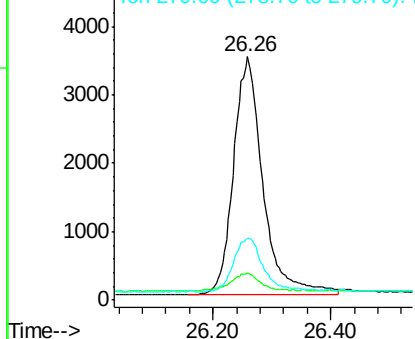
278 100

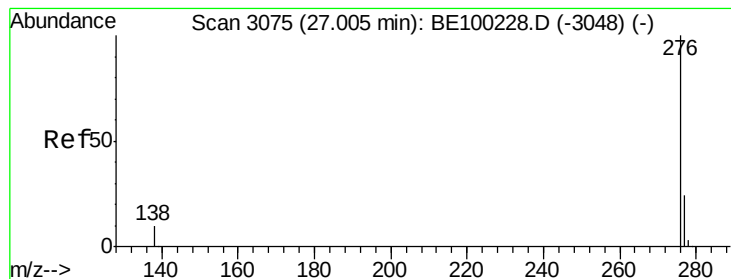
139 11.0 8.2 12.2

279 25.6 20.3 30.5



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: 0.410 ng

RT: 27.03 min Scan# 3081

Delta R.T. 0.02 min

Lab File: BE100259.D

Acq: 1 Jul 2019 11:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

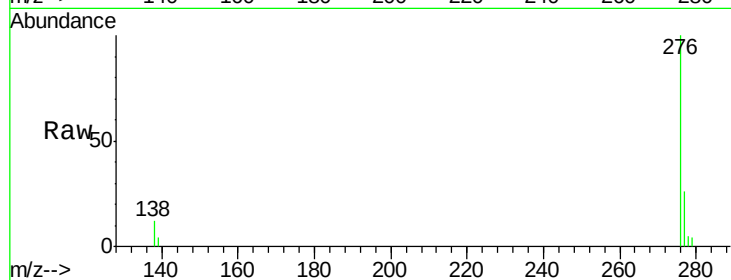
Tot Ion:276 Resp: 12243

Ion Ratio Lower Upper

276 100

277 26.1 20.2 30.2

138 12.4 9.0 13.6



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

