

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070519\
 Data File : BE100405.D
 Acq On : 6 Jul 2019 6:07
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jul 06 06:46:07 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	7.62	152	664	0.40	ng	-0.02
7) Naphthalene-d8	10.42	136	2263	0.40	ng	-0.03
13) Acenaphthene-d10	14.30	164	1645	0.40	ng	-0.02
19) Phenanthrene-d10	17.05	188	4907	0.40	ng	0.00
27) Chrysene-d12	21.23	240	6096	0.40	ng	-0.01
34) Perylene-d12	23.65	264	7661	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	700	0.41	ng	-0.01
5) Phenol-d6	6.83	99	817	0.37	ng	-0.01
8) Nitrobenzene-d5	8.80	82	737	0.33	ng	-0.03
11) 2-Methylnaphthalene-d10	12.04	152	1596	0.37	ng	-0.02
14) 2,4,6-Tribromophenol	15.81	330	404	0.35	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	2591	0.40	ng	-0.02
25) Fluoranthene-d10	19.09	212	25787	0.36	ng	-0.01
29) Terphenyl-d14	19.68	244	5231	0.41	ng	-0.02

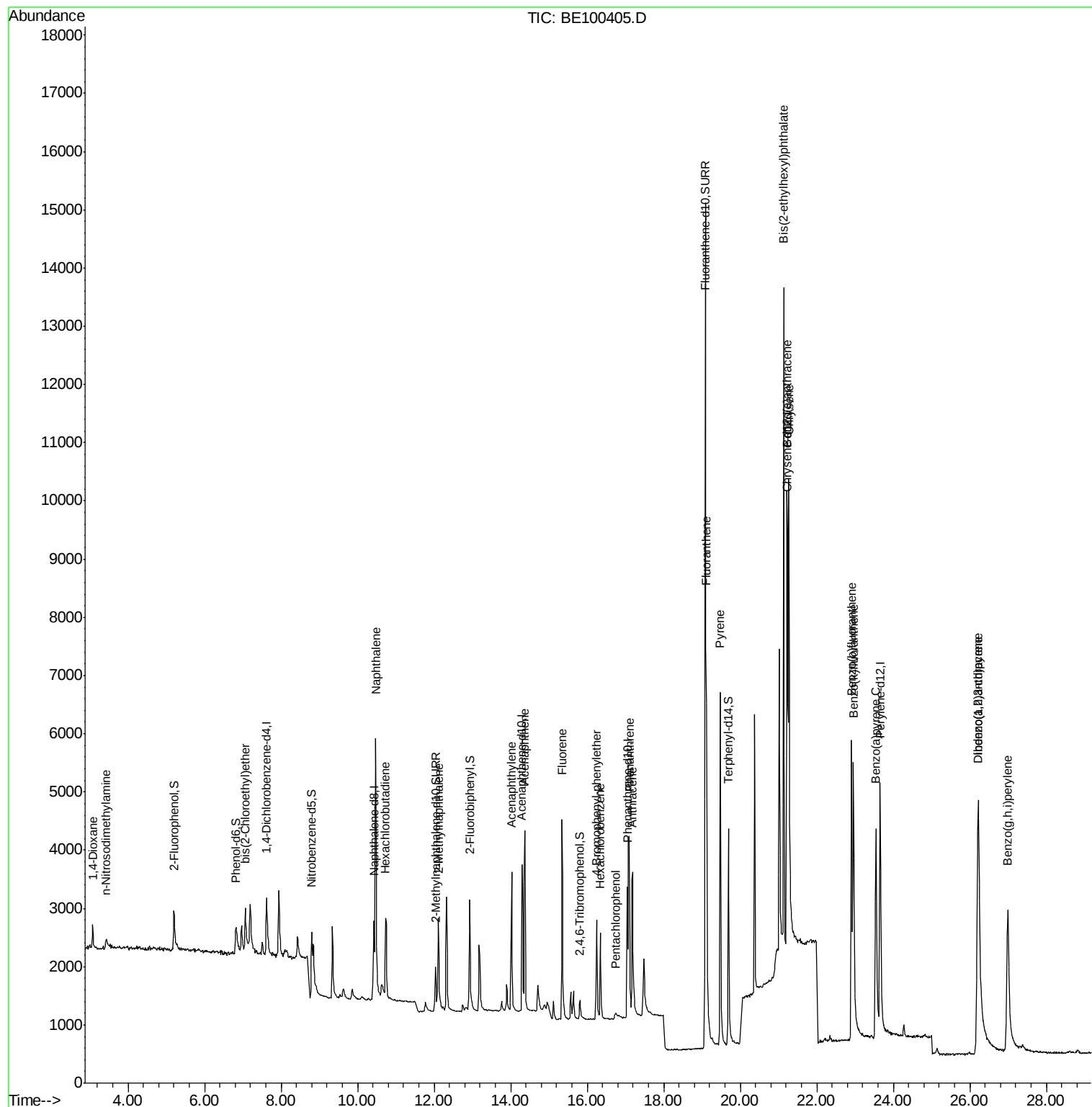
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.07	88	359	0.348	ng	# 95
3) n-Nitrosodimethylamine	3.43	42	205	0.427	ng	# 79
6) bis(2-Chloroethyl)ether	7.07	93	701	0.383	ng	89
9) Naphthalene	10.47	128	9760	0.391	ng	100
10) Hexachlorobutadiene	10.73	225	1145	0.476	ng	98
12) 2-Methylnaphthalene	12.11	142	1501	0.343	ng	97
16) Acenaphthylene	14.02	152	3021	0.383	ng	98
17) Acenaphthene	14.37	154	1692	0.378	ng	93
18) Fluorene	15.34	166	2488	0.376	ng	97
20) 4-Bromophenyl-phenylether	16.24	248	1291	0.412	ng	# 83
21) Hexachlorobenzene	16.34	284	1403	0.431	ng	96
22) Pentachlorophenol	16.75	266	210	0.215	ng	90
23) Phenanthrene	17.09	178	4539	0.382	ng	99
24) Anthracene	17.19	178	3978	0.371	ng	99
26) Fluoranthene	19.12	202	6912	0.365	ng	99
28) Pyrene	19.48	202	7032	0.436	ng	100
30) Benzo(a)anthracene	21.22	228	7145	0.356	ng	98
31) Chrysene	21.27	228	7919	0.393	ng	98
32) Bis(2-ethylhexyl)phthalate	21.14	149	11739	0.357	ng	99
33) Indeno(1,2,3-cd)pyrene	26.21	276	10056	0.378	ng	98
35) Benzo(b)fluoranthene	22.91	252	7371	0.355	ng	98
36) Benzo(k)fluoranthene	22.96	252	8683	0.375	ng	96
37) Benzo(a)pyrene	23.54	252	7861	0.378	ng	98
38) Dibenzo(a,h)anthracene	26.23	278	8003	0.368	ng	95
39) Benzo(g,h,i)perylene	26.99	276	8531	0.382	ng	97

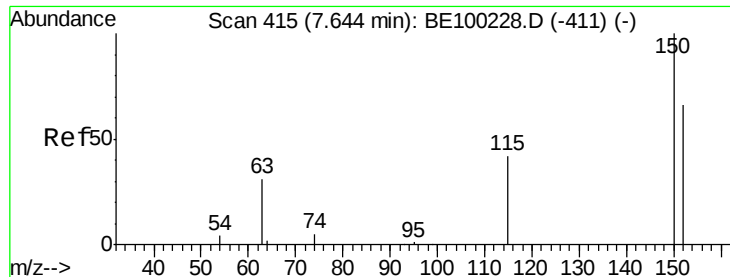
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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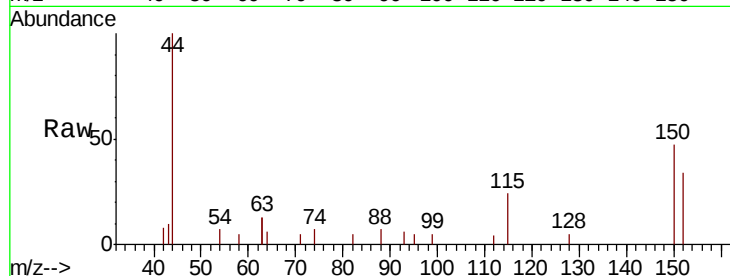


#1

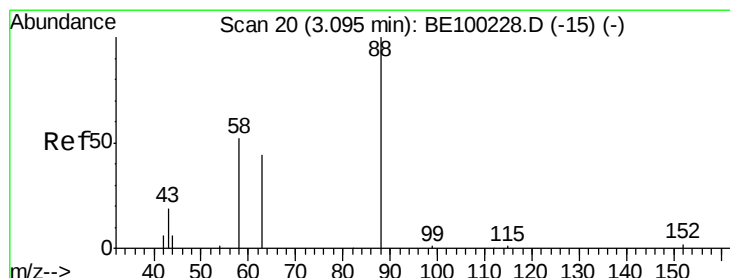
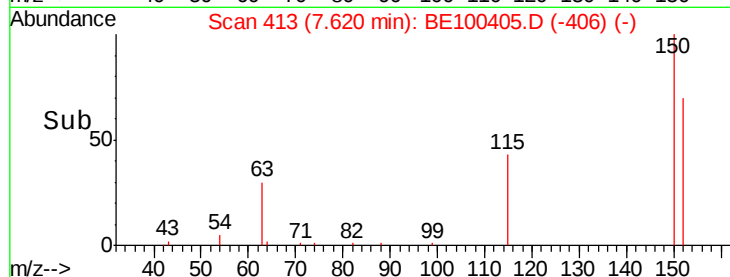
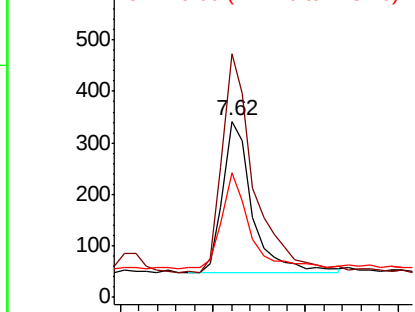
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 413
Delta R.T. -0.02 min
Lab File: BE100405.D
Acq: 6 Jul 2019 6:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 664
Ion Ratio Lower Upper
152 100
150 138.3 114.5 171.7
115 70.5 57.1 85.7



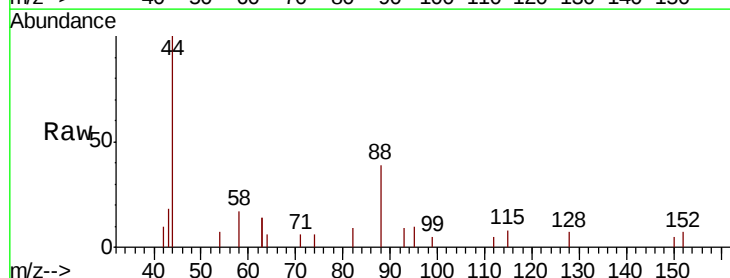
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



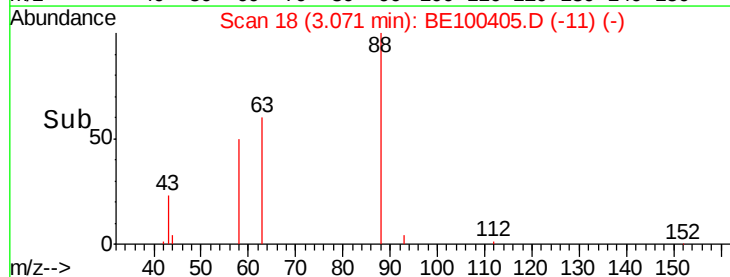
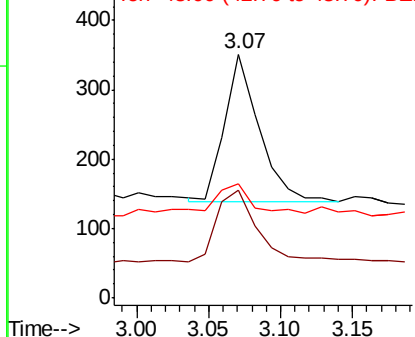
#2

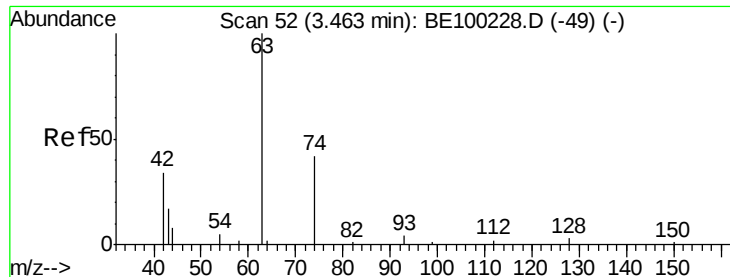
1,4-Dioxane
Concen: 0.348 ng
RT: 3.07 min Scan# 18
Delta R.T. -0.02 min
Lab File: BE100405.D
Acq: 6 Jul 2019 6:07

Tgt Ion: 88 Resp: 359
Ion Ratio Lower Upper
88 100
58 54.3 43.6 65.4
43 18.7 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: 0.427 ng

RT: 3.43 min Scan# 49

Delta R.T. -0.04 min

Lab File: BE100405.D

Acq: 6 Jul 2019 6:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

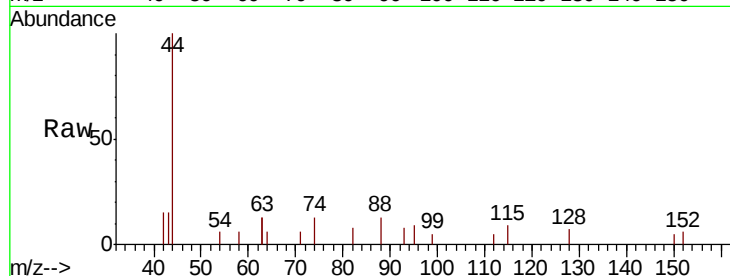
Tot Ion: 42 Resp: 205

Ion Ratio Lower Upper

42 100

74 144.4 130.6 196.0

44 78.0 38.0 57.0#

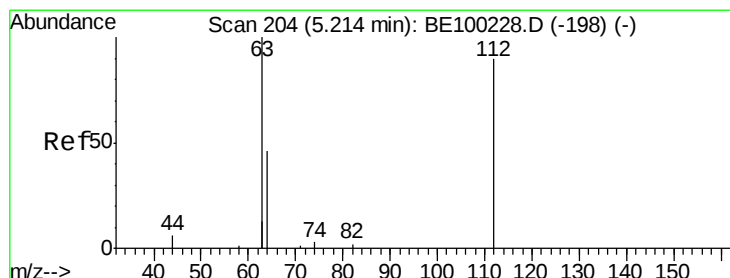
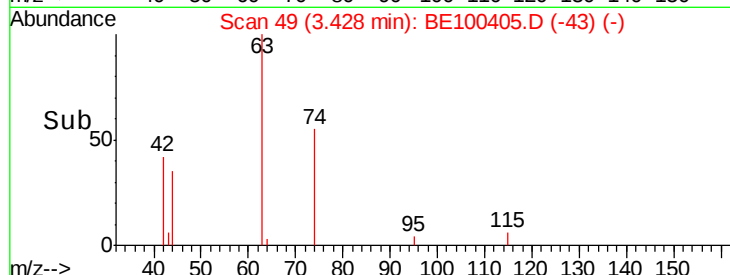
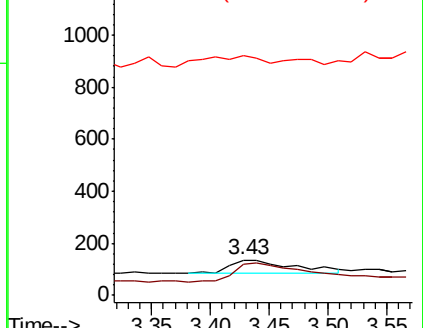


Abundance

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: 0.413 ng

RT: 5.20 min Scan# 203

Delta R.T. -0.01 min

Lab File: BE100405.D

Acq: 6 Jul 2019 6:07

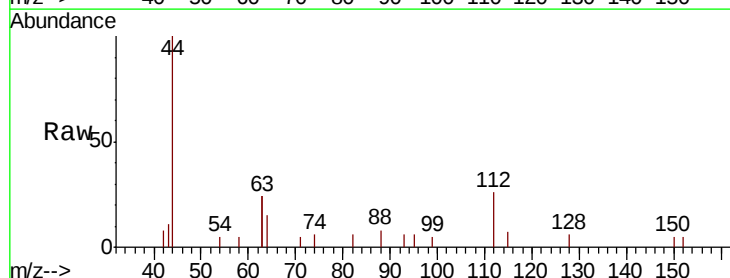
Tgt Ion: 112 Resp: 700

Ion Ratio Lower Upper

112 100

64 55.4 39.4 59.0

63 147.9 104.5 156.7

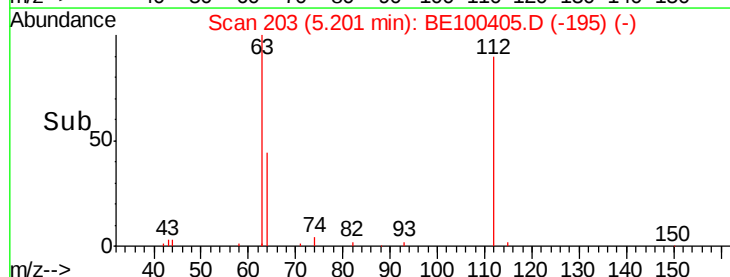
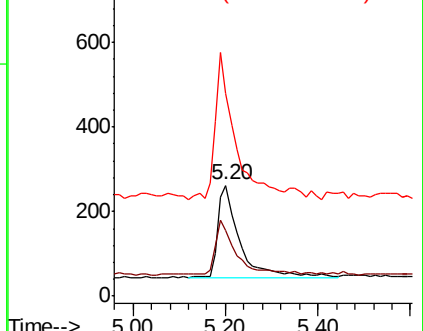


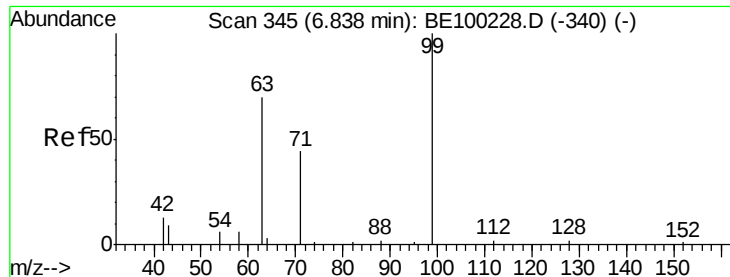
Abundance

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: 0.367 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100405.D

Acq: 6 Jul 2019 6:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

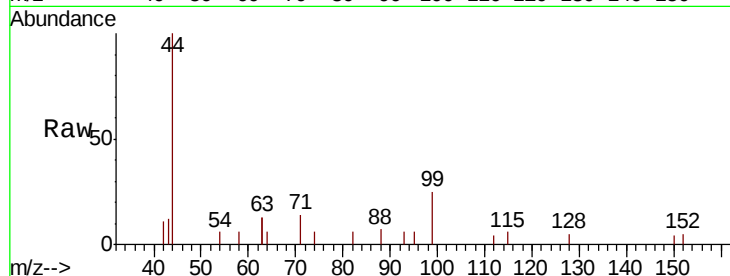
Tot Ion: 99 Resp: 817

Ion Ratio Lower Upper

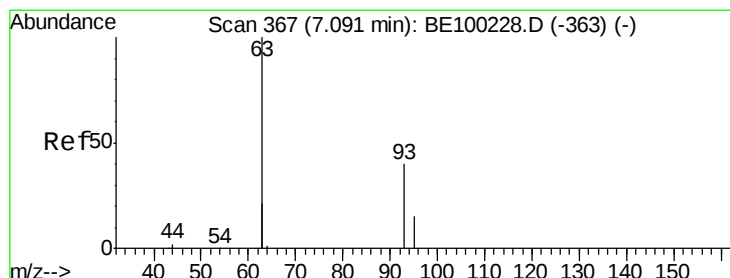
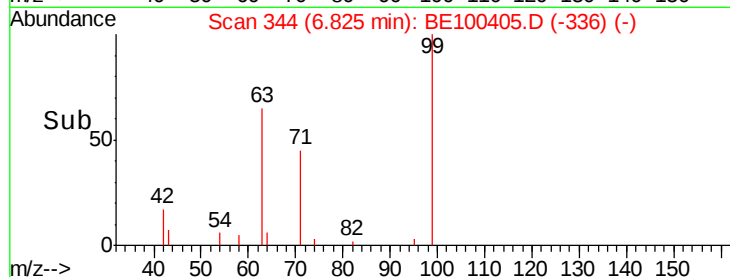
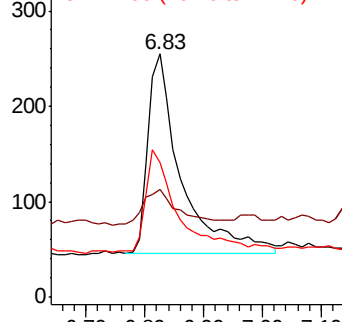
99 100

42 20.3 11.2 16.8#

71 49.2 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

bis(2-Chloroethyl)ether

Concen: 0.383 ng

RT: 7.07 min Scan# 365

Delta R.T. -0.02 min

Lab File: BE100405.D

Acq: 6 Jul 2019 6:07

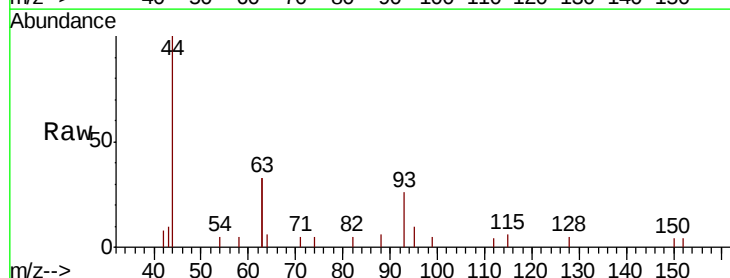
Tgt Ion: 93 Resp: 701

Ion Ratio Lower Upper

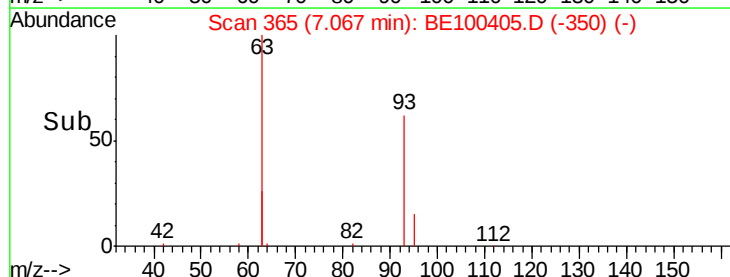
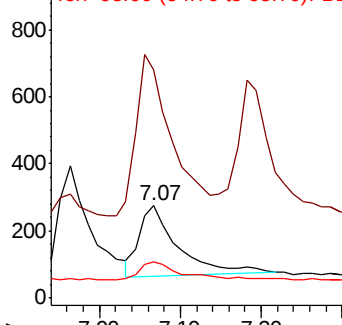
93 100

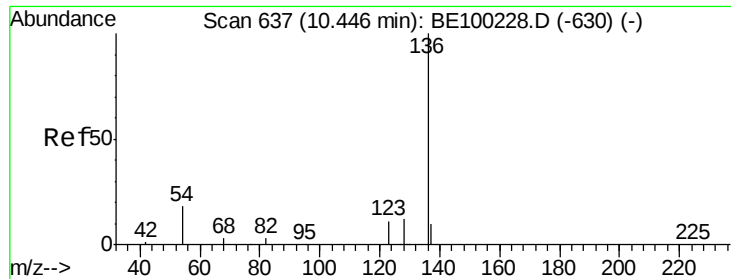
63 212.7 155.6 233.4

95 27.4 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

Naphthalene-d8

Concen: 0.400 ng

RT: 10.42 min Scan# 635

Delta R.T. -0.03 min

Lab File: BE100405.D

Acq: 6 Jul 2019 6:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 2263

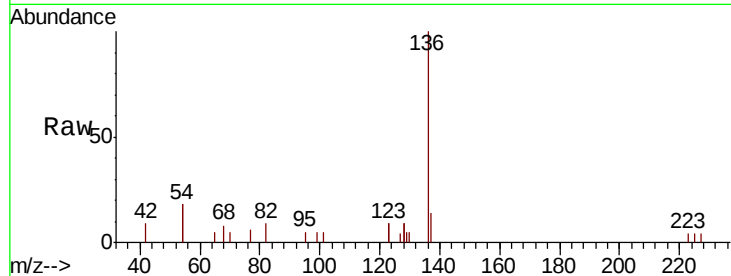
Ion Ratio Lower Upper

136 100

137 14.4 11.8 17.8

54 36.0 27.7 41.5

68 8.2 6.8 10.2

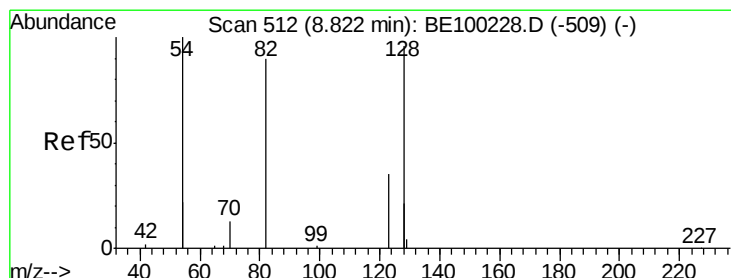
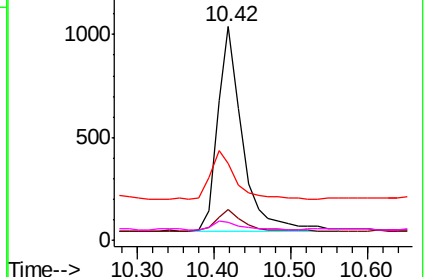
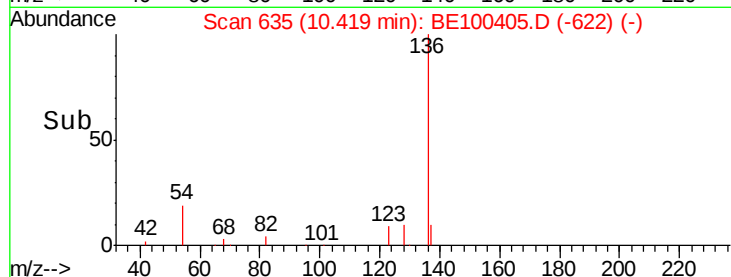


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.328 ng

RT: 8.80 min Scan# 510

Delta R.T. -0.03 min

Lab File: BE100405.D

Acq: 6 Jul 2019 6:07

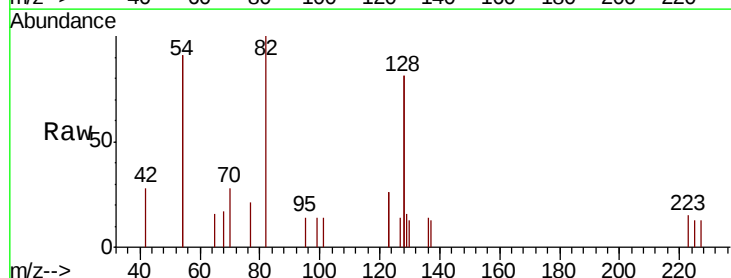
Tgt Ion: 82 Resp: 737

Ion Ratio Lower Upper

82 100

128 161.3 140.9 211.3

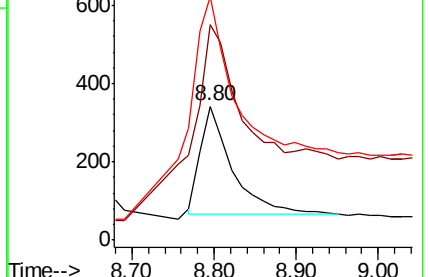
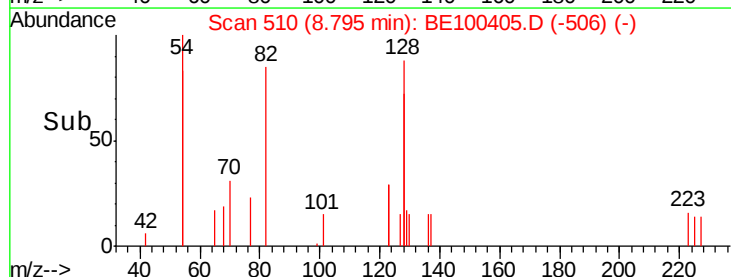
54 182.4 146.2 219.2

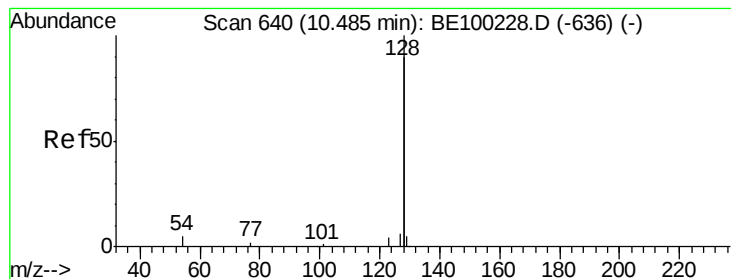


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.391 ng

RT: 10.47 min Scan# 639

Delta R.T. -0.01 min

Lab File: BE100405.D

Acq: 6 Jul 2019 6:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

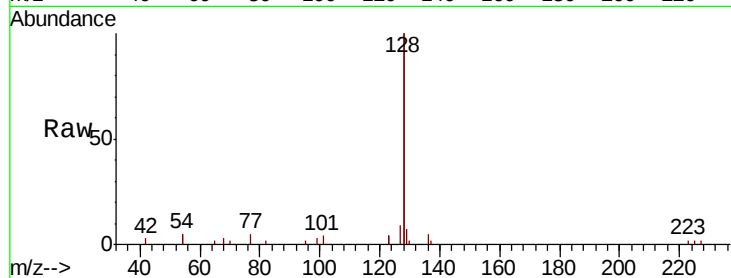
Tot Ion:128 Resp: 9760

Ion Ratio Lower Upper

128 100

129 3.7 3.0 4.6

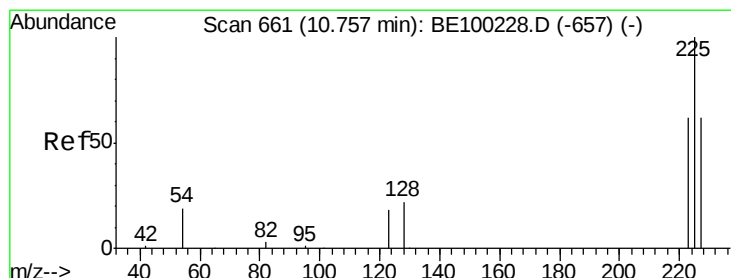
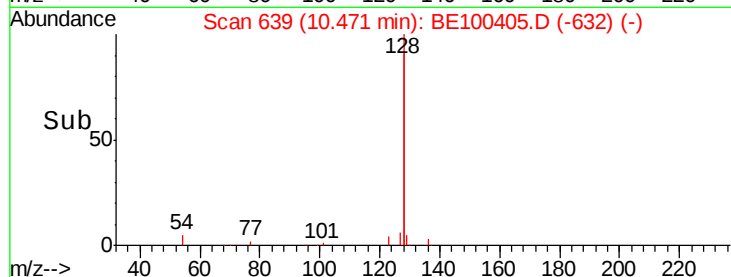
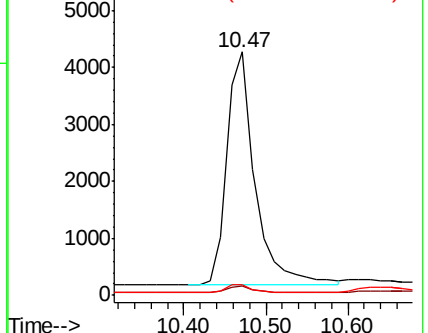
127 4.3 3.5 5.3



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: 0.476 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.03 min

Lab File: BE100405.D

Acq: 6 Jul 2019 6:07

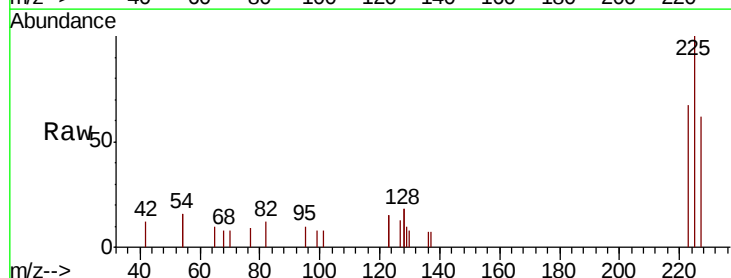
Tgt Ion:225 Resp: 1145

Ion Ratio Lower Upper

225 100

223 62.1 49.1 73.7

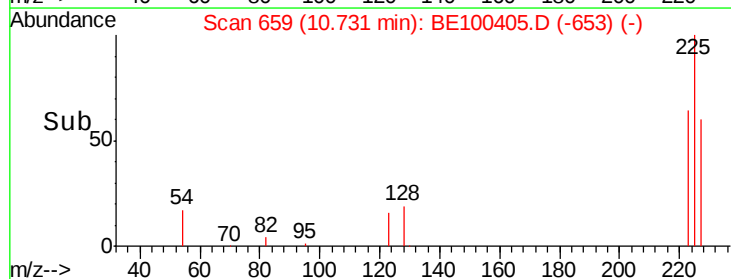
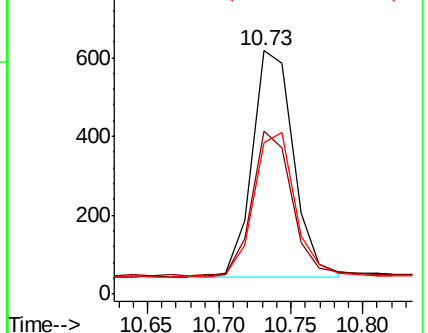
227 64.2 49.3 73.9

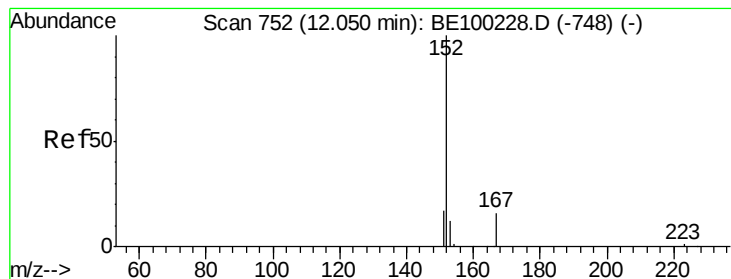


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

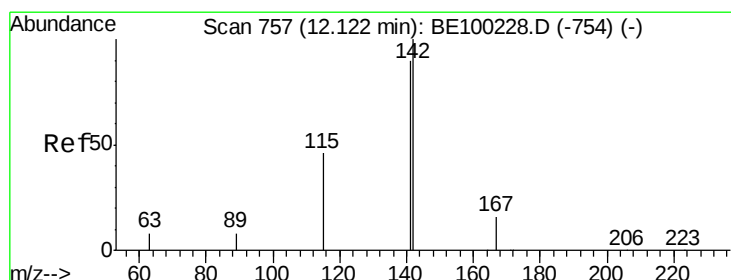
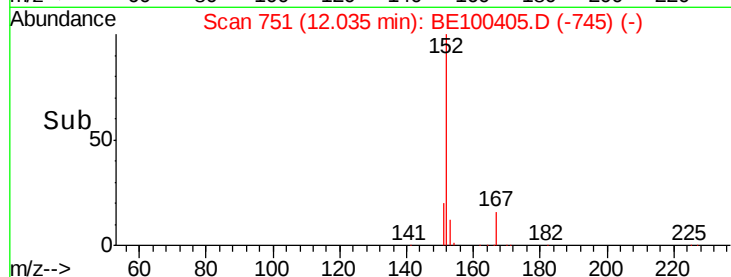
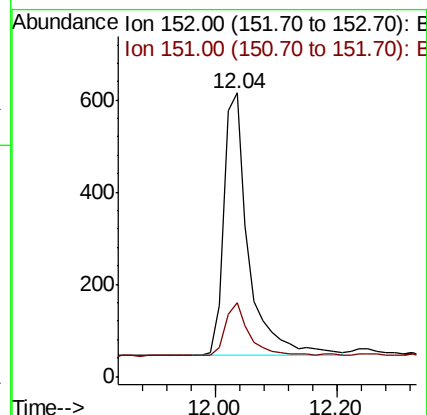
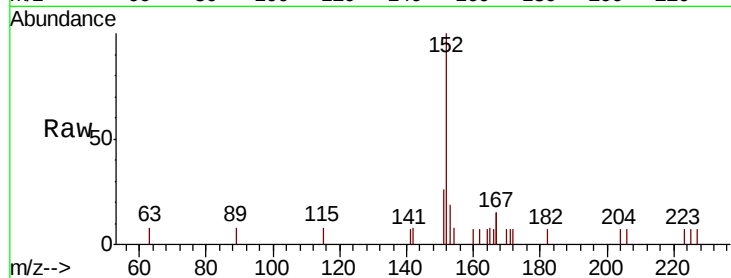




#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.02 min
Lab File: BE100405.D
Acq: 6 Jul 2019 6:07

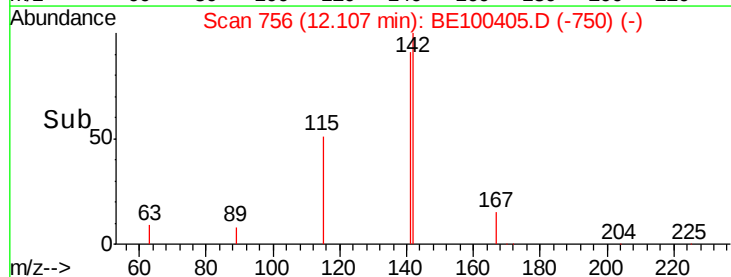
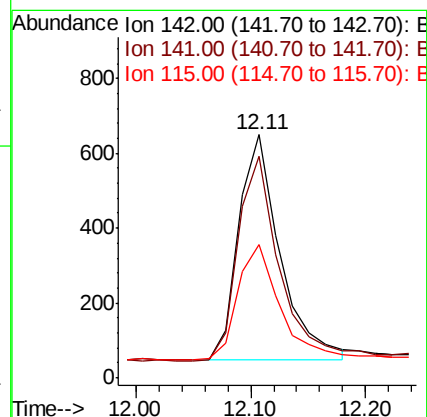
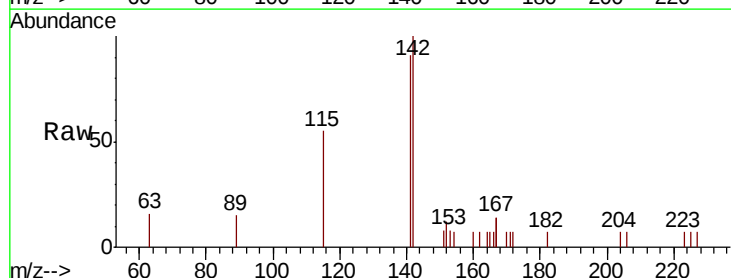
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

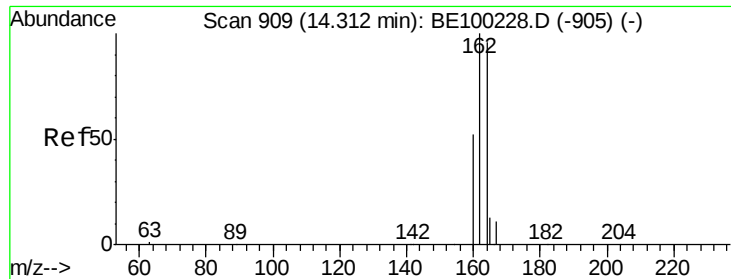
Tot Ion:152 Resp: 1596
Ion Ratio Lower Upper
152 100
151 19.9 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.343 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.02 min
Lab File: BE100405.D
Acq: 6 Jul 2019 6:07

Tgt Ion:142 Resp: 1501
Ion Ratio Lower Upper
142 100
141 91.1 72.4 108.6
115 54.6 40.4 60.6

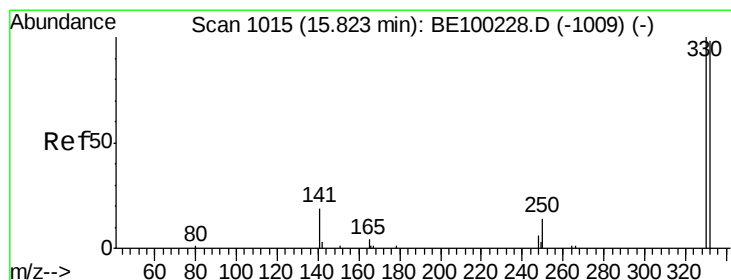
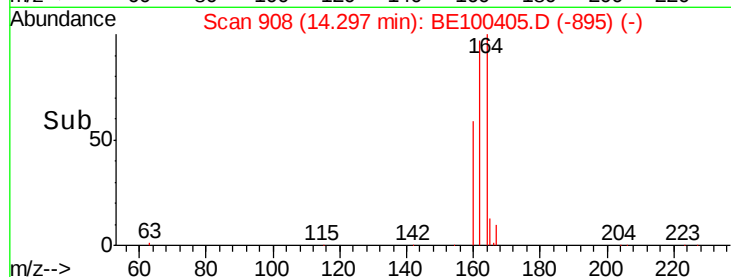
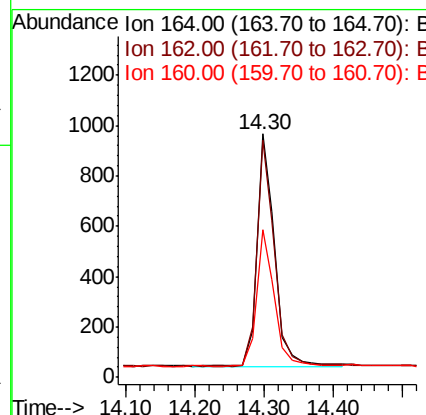
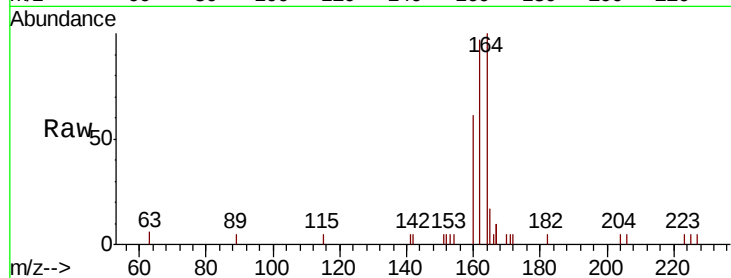




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 908
Delta R.T. -0.02 min
Lab File: BE100405.D
Acq: 6 Jul 2019 6:07

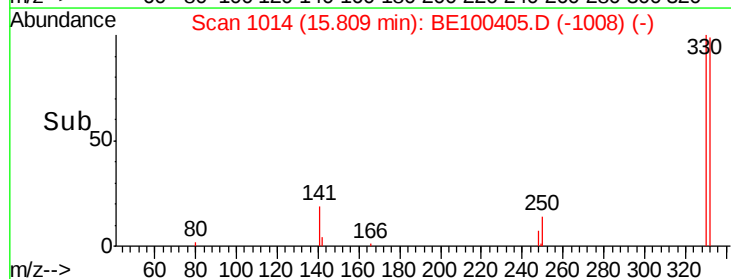
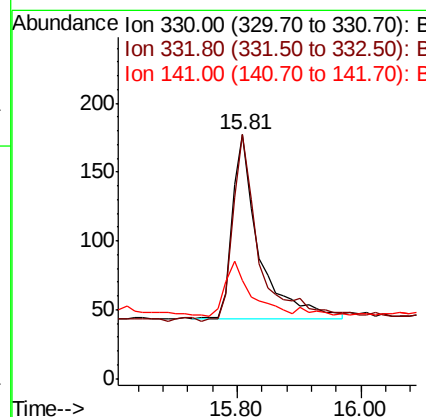
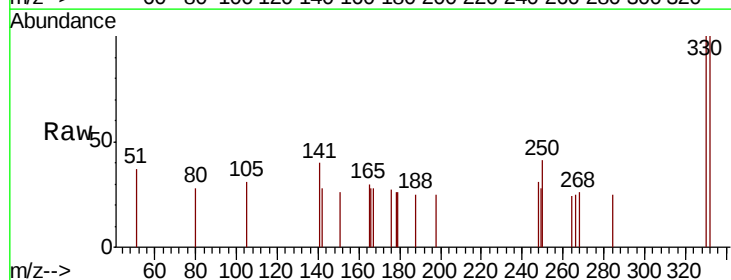
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

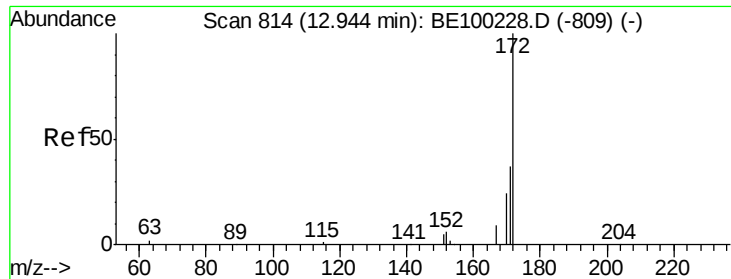
Tot Ion:164 Resp: 1645
Ion Ratio Lower Upper
164 100
162 97.4 83.4 125.0
160 60.8 45.0 67.6



#14
2,4,6-Tribromophenol
Concen: 0.351 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100405.D
Acq: 6 Jul 2019 6:07

Tgt Ion:330 Resp: 404
Ion Ratio Lower Upper
330 100
332 102.2 77.0 115.4
141 27.0 22.0 33.0

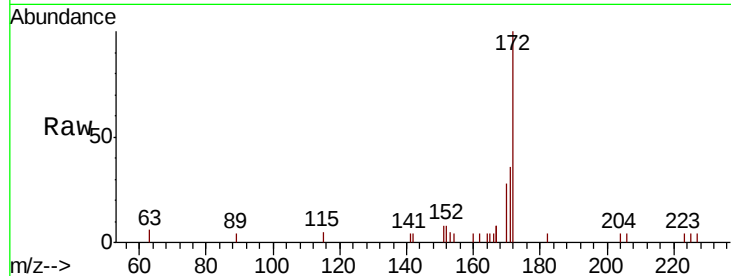




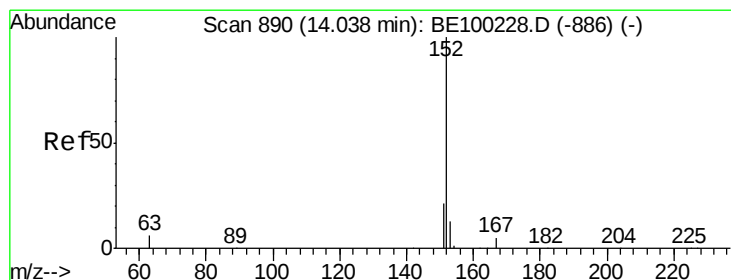
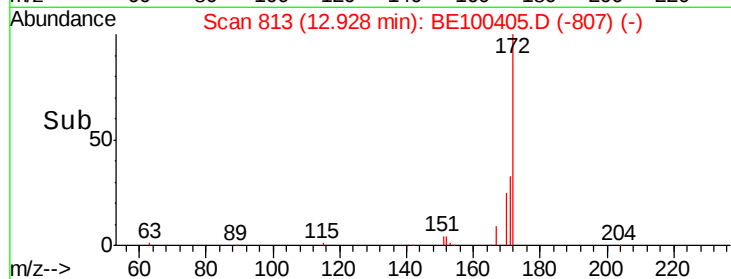
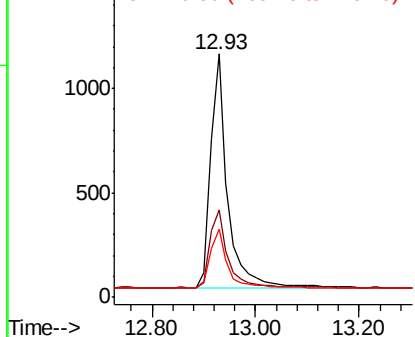
#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.02 min
Lab File: BE100405.D
Acq: 6 Jul 2019 6:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 2591
Ion Ratio Lower Upper
172 100
171 35.7 31.9 47.9
170 27.9 22.2 33.2

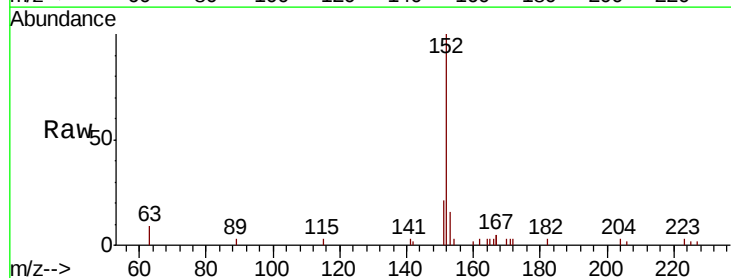


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

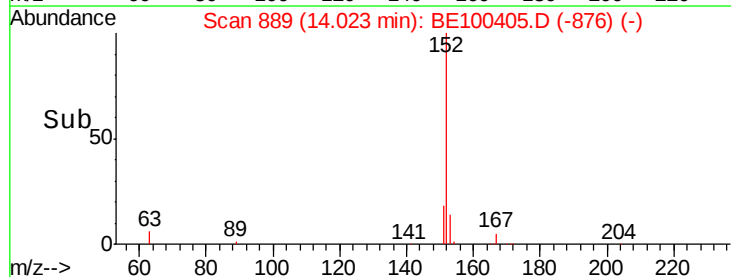
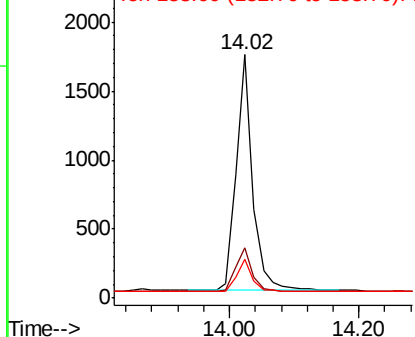


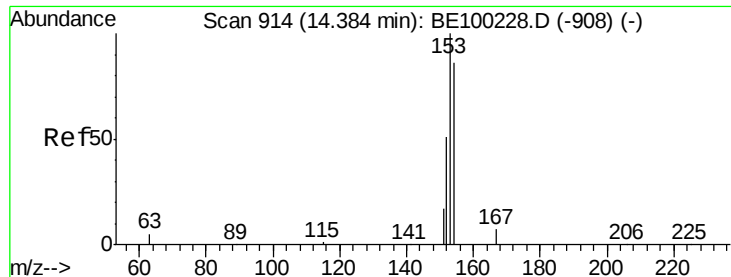
#16
Acenaphthylene
Concen: 0.383 ng
RT: 14.02 min Scan# 889
Delta R.T. -0.02 min
Lab File: BE100405.D
Acq: 6 Jul 2019 6:07

Tgt Ion:152 Resp: 3021
Ion Ratio Lower Upper
152 100
151 19.5 16.6 25.0
153 13.1 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: 0.378 ng

RT: 14.37 min Scan# 913

Delta R.T. -0.02 min

Lab File: BE100405.D

Acq: 6 Jul 2019 6:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

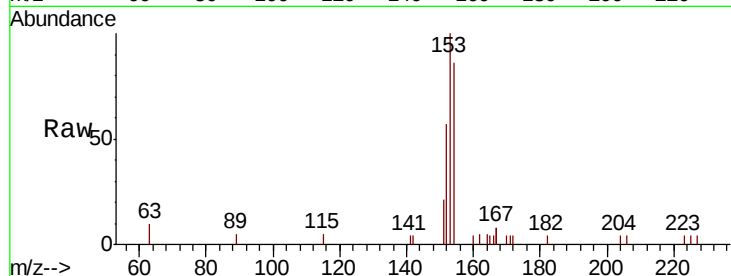
Tot Ion:154 Resp: 1692

Ion Ratio Lower Upper

154 100

153 120.9 93.4 140.2

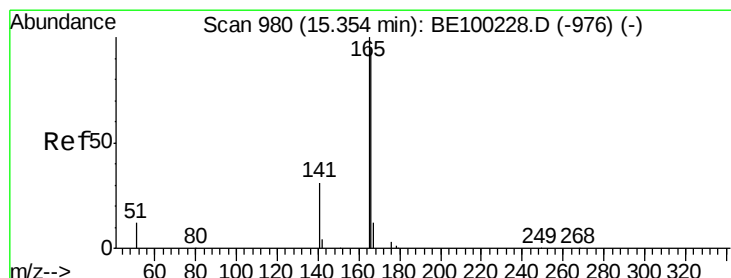
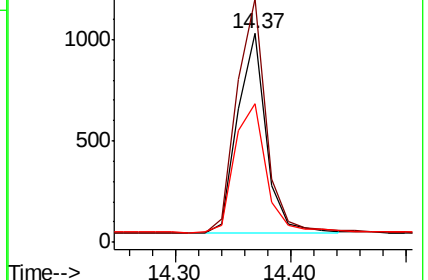
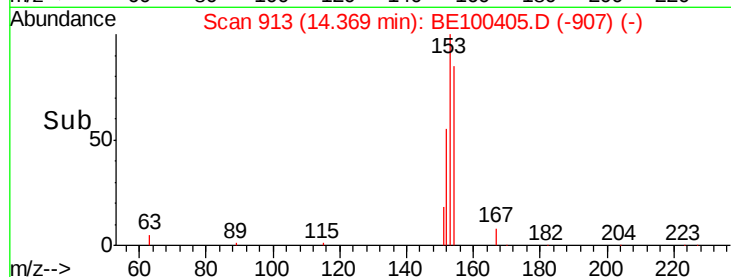
152 72.0 49.4 74.2



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: 0.376 ng

RT: 15.34 min Scan# 979

Delta R.T. -0.01 min

Lab File: BE100405.D

Acq: 6 Jul 2019 6:07

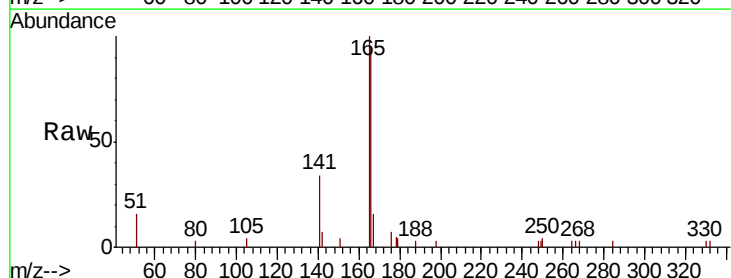
Tgt Ion:166 Resp: 2488

Ion Ratio Lower Upper

166 100

165 105.0 81.1 121.7

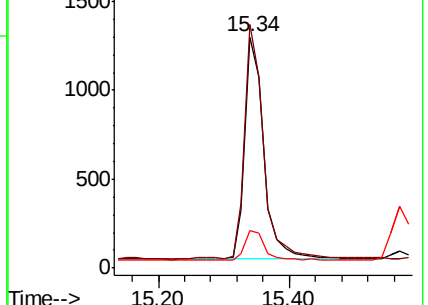
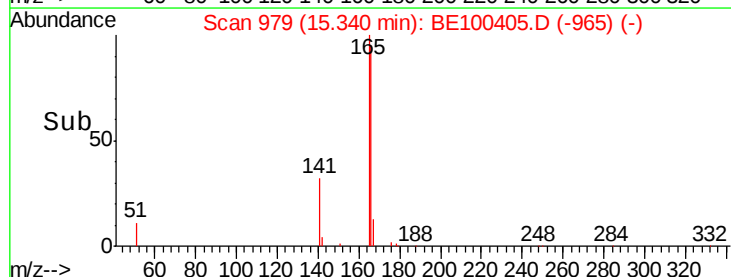
167 13.7 10.7 16.1

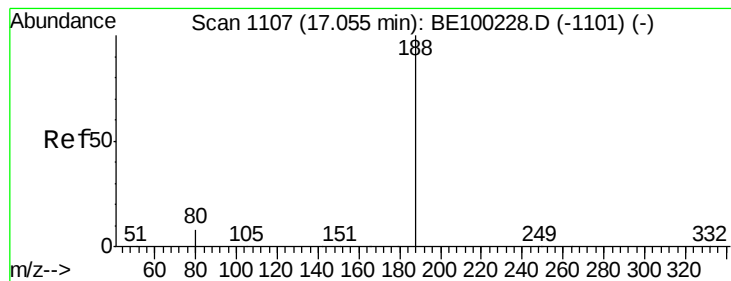


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.05 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BE100405.D

Acq: 6 Jul 2019 6:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

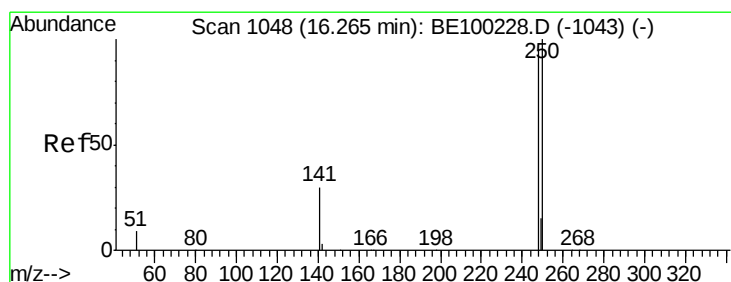
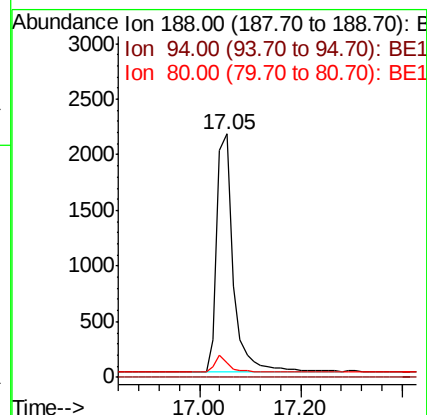
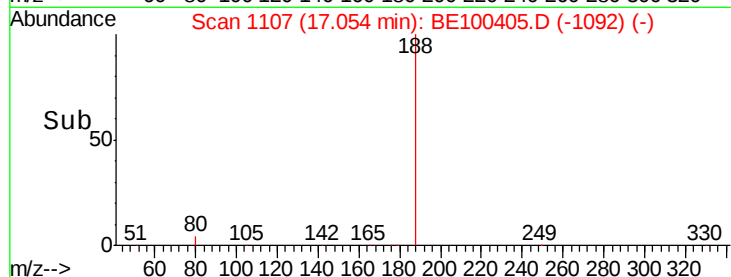
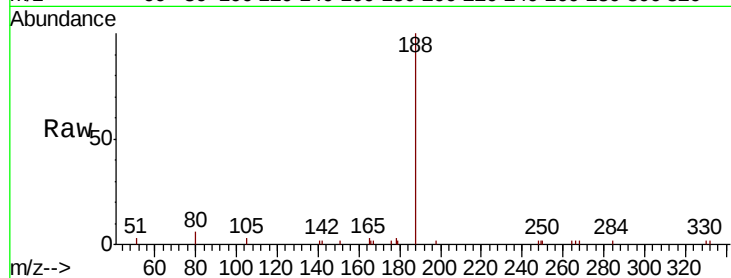
Tot Ion:188 Resp: 4907

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 5.9 7.6 11.4#



#20

4-Bromophenyl-phenylether

Concen: 0.412 ng

RT: 16.24 min Scan# 1046

Delta R.T. -0.03 min

Lab File: BE100405.D

Acq: 6 Jul 2019 6:07

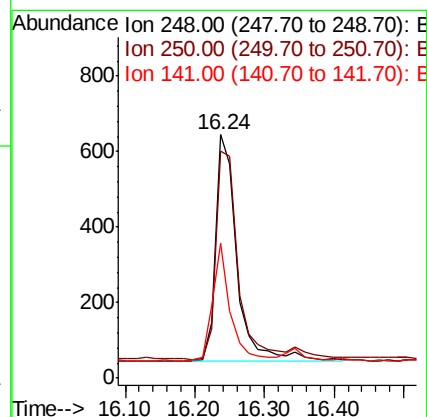
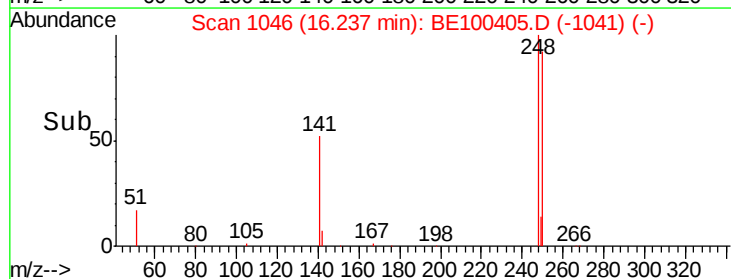
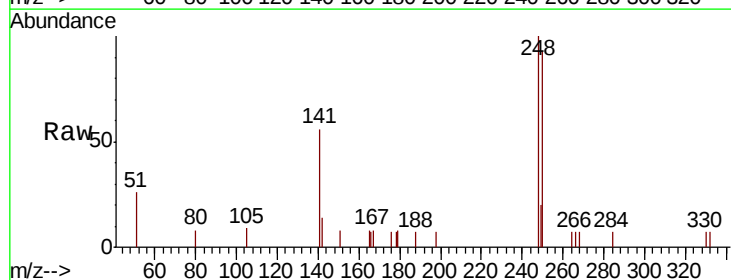
Tgt Ion:248 Resp: 1291

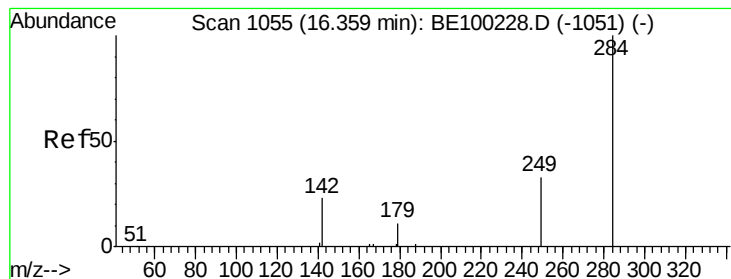
Ion Ratio Lower Upper

248 100

250 93.5 84.2 126.4

141 55.7 29.3 43.9#





#21

Hexachlorobenzene

Concen: 0.431 ng

RT: 16.34 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BE100405.D

Acq: 6 Jul 2019 6:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

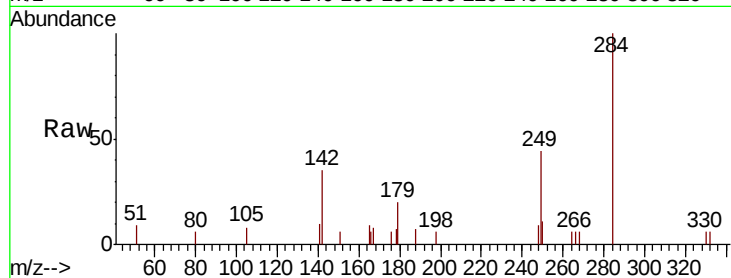
Tot Ion:284 Resp: 1403

Ion Ratio Lower Upper

284 100

142 23.1 18.8 28.2

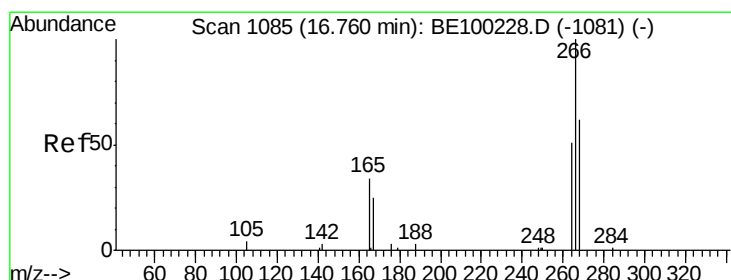
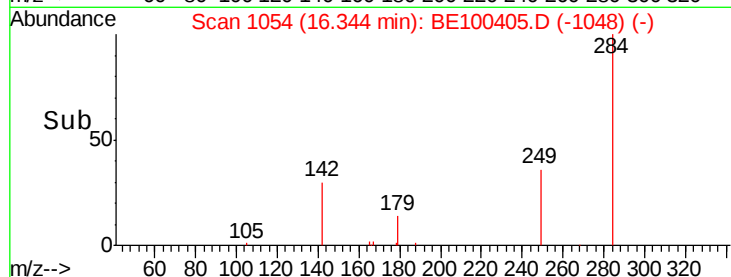
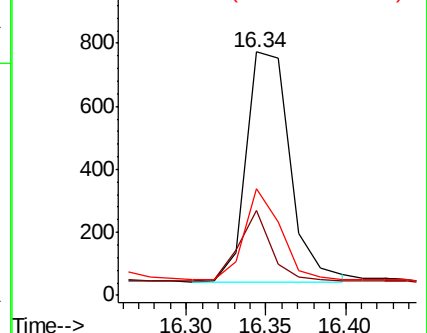
249 32.7 23.7 35.5



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: 0.215 ng

RT: 16.75 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BE100405.D

Acq: 6 Jul 2019 6:07

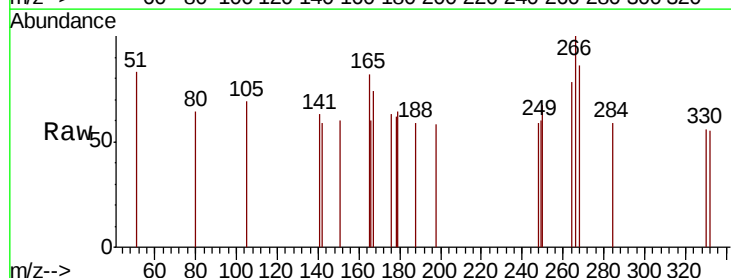
Tgt Ion:266 Resp: 210

Ion Ratio Lower Upper

266 100

264 78.2 56.2 84.2

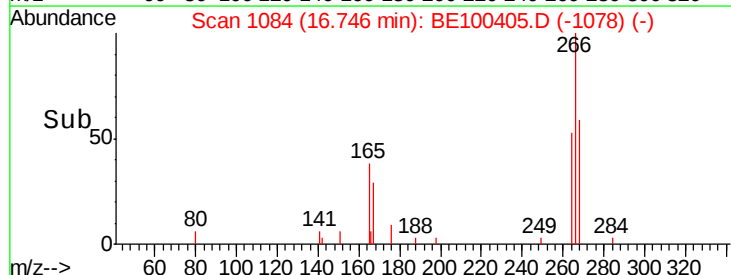
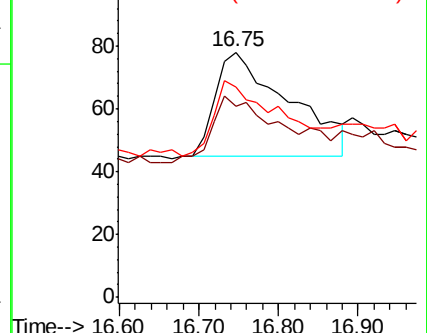
268 85.9 61.8 92.6

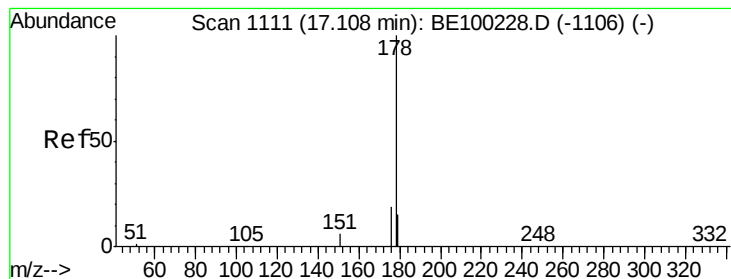


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.382 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100405.D

Acq: 6 Jul 2019 6:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

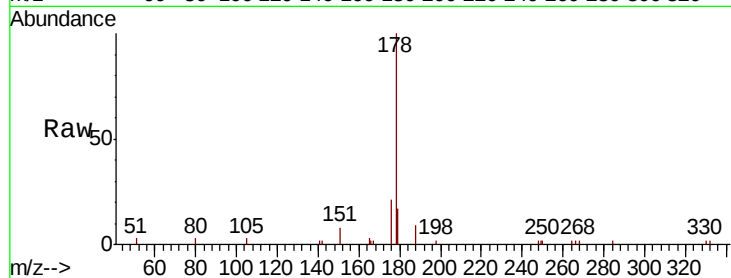
Tot Ion:178 Resp: 4539

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

179 15.4 12.2 18.2

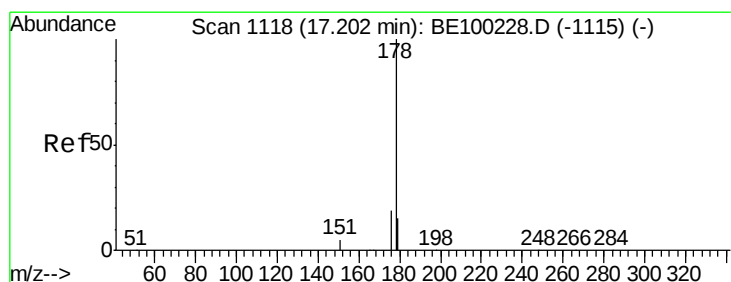
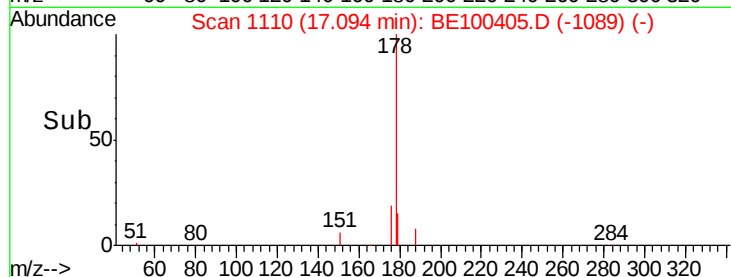
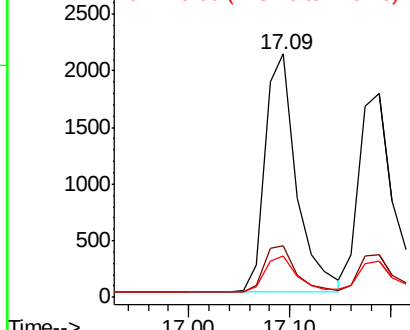


Abundance

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: 0.371 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100405.D

Acq: 6 Jul 2019 6:07

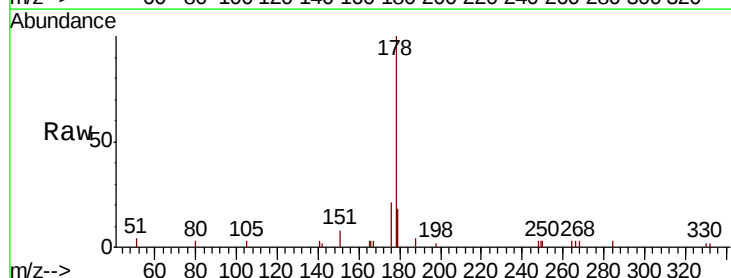
Tgt Ion:178 Resp: 3978

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 15.4 12.2 18.2

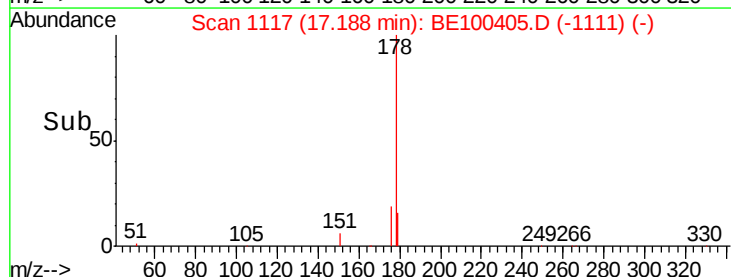
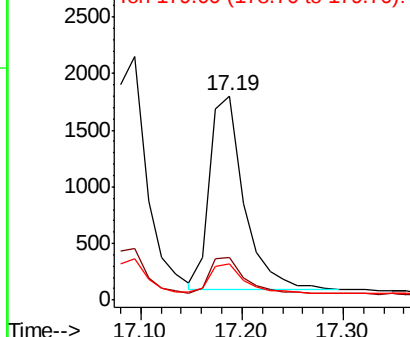


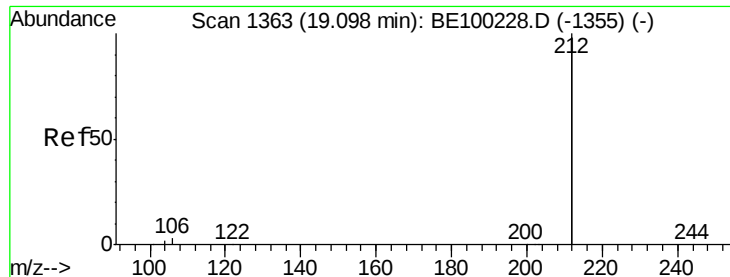
Abundance

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: 0.362 ng

RT: 19.09 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BE100405.D

Acq: 6 Jul 2019 6:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

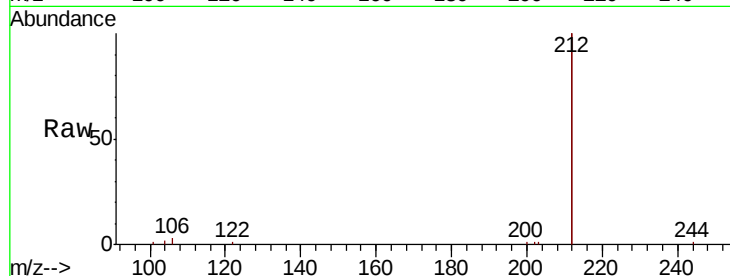
Tot Ion:212 Resp: 25787

Ion Ratio Lower Upper

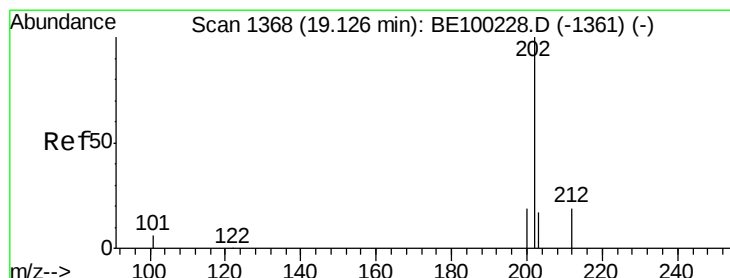
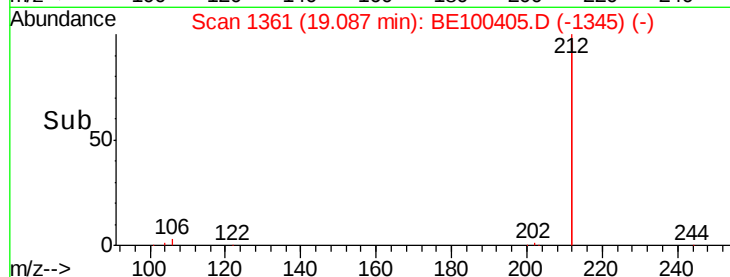
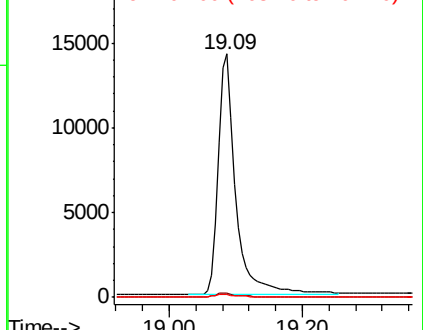
212 100

106 1.4 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: 0.365 ng

RT: 19.12 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE100405.D

Acq: 6 Jul 2019 6:07

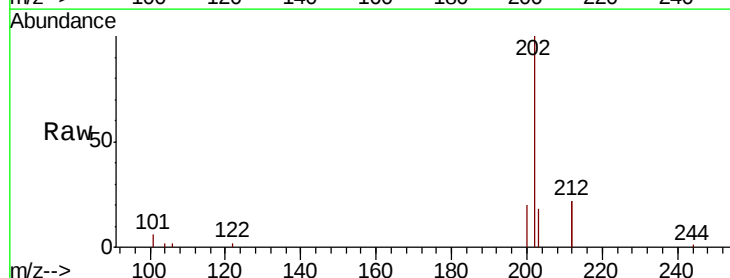
Tgt Ion:202 Resp: 6912

Ion Ratio Lower Upper

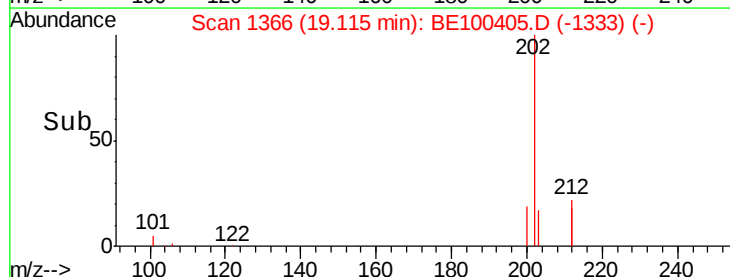
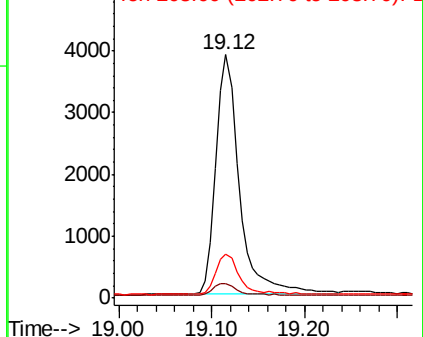
202 100

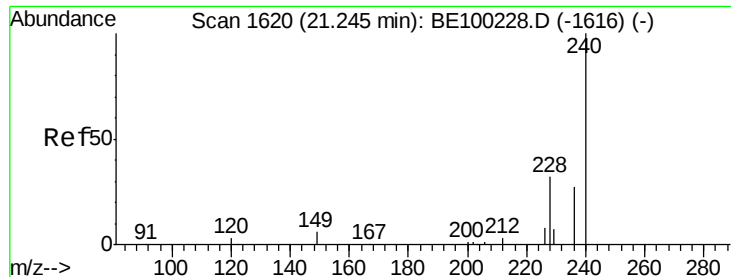
101 5.2 4.6 7.0

203 17.2 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

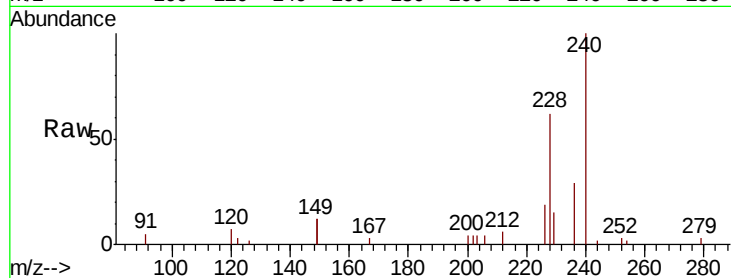




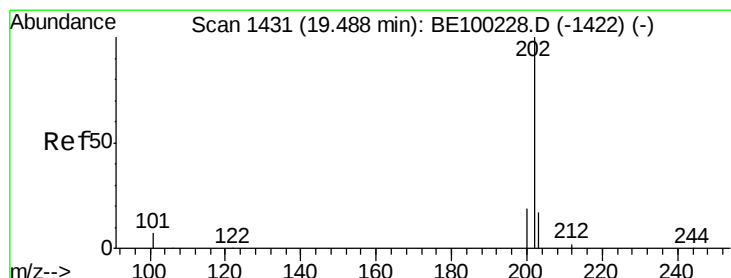
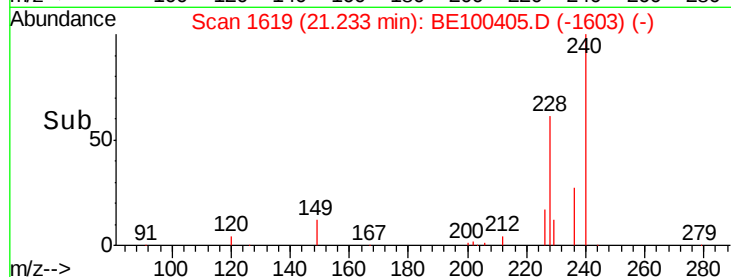
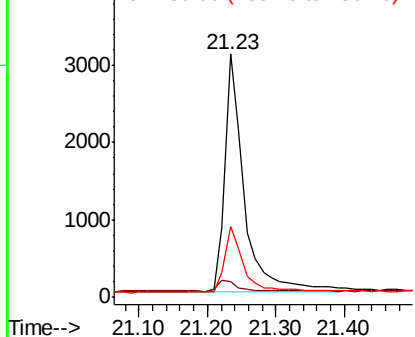
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BE100405.D
Acq: 6 Jul 2019 6:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:240 Resp: 6096
Ion Ratio Lower Upper
240 100
120 6.5 3.3 4.9#
236 28.8 22.6 34.0

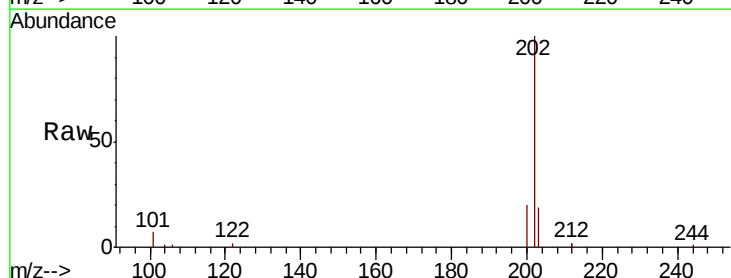


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

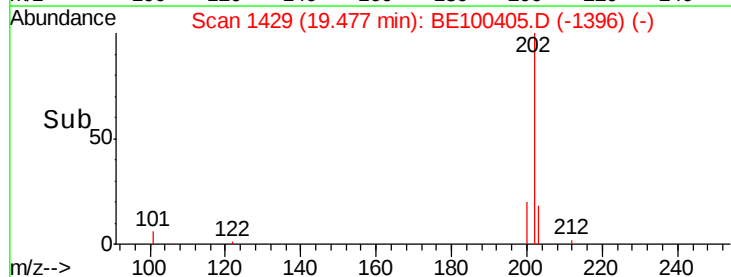
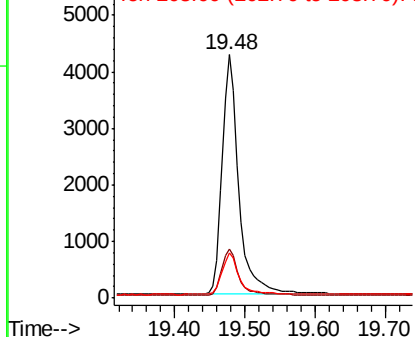


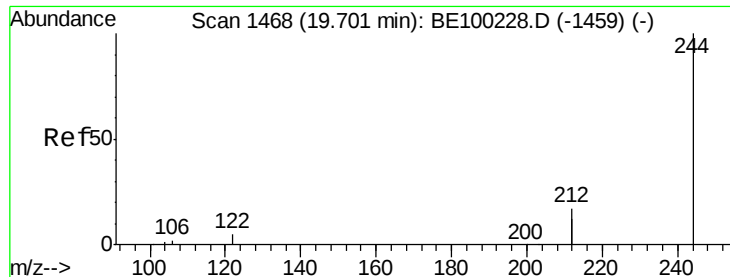
#28
Pyrene
Concen: 0.436 ng
RT: 19.48 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BE100405.D
Acq: 6 Jul 2019 6:07

Tgt Ion:202 Resp: 7032
Ion Ratio Lower Upper
202 100
200 19.9 15.6 23.4
203 17.5 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.414 ng

RT: 19.68 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BE100405.D

Acq: 6 Jul 2019 6:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

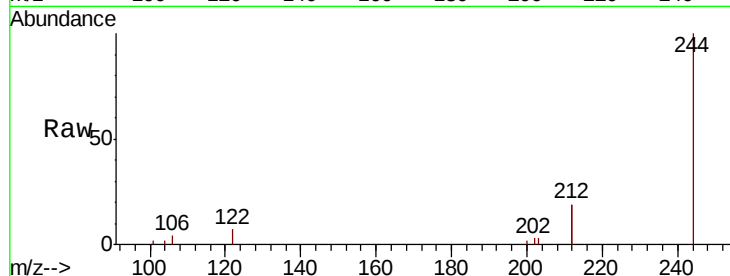
Tot Ion:244 Resp: 5231

Ion Ratio Lower Upper

244 100

212 38.6 27.3 40.9

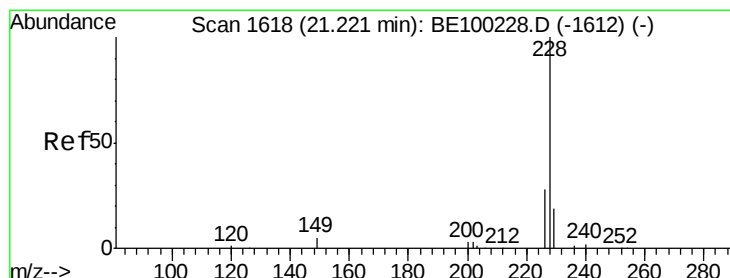
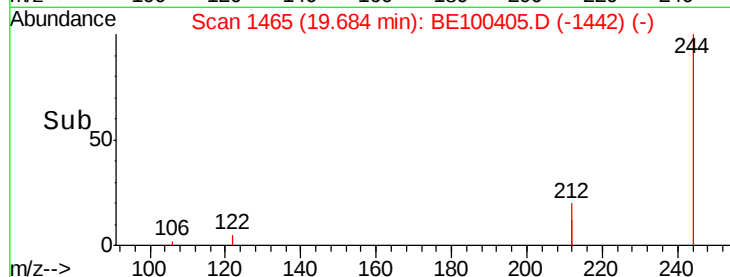
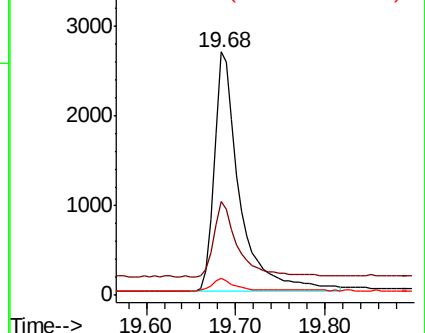
122 6.9 4.7 7.1



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



#30

Benzo(a)anthracene

Concen: 0.356 ng

RT: 21.22 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BE100405.D

Acq: 6 Jul 2019 6:07

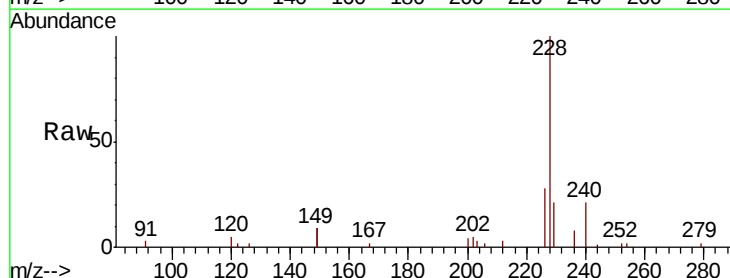
Tgt Ion:228 Resp: 7145

Ion Ratio Lower Upper

228 100

226 28.4 23.2 34.8

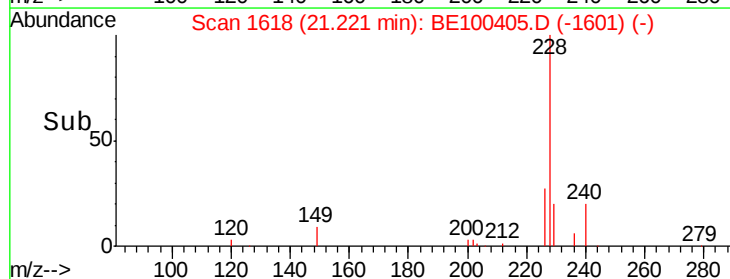
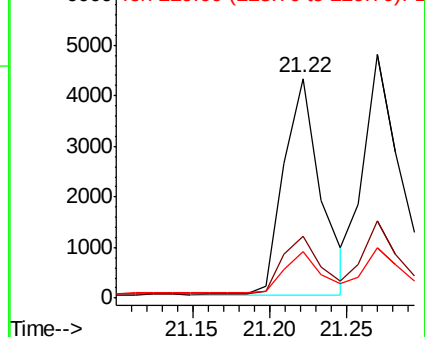
229 21.2 15.7 23.5

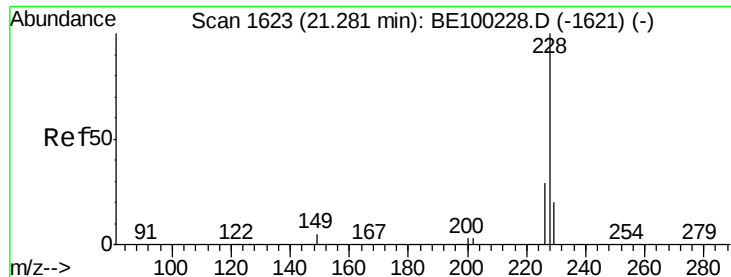


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.393 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE100405.D

Acq: 6 Jul 2019 6:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

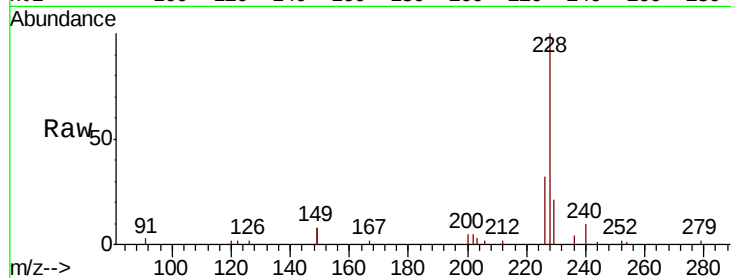
Tot Ion:228 Resp: 7919

Ion Ratio Lower Upper

228 100

226 31.5 23.9 35.9

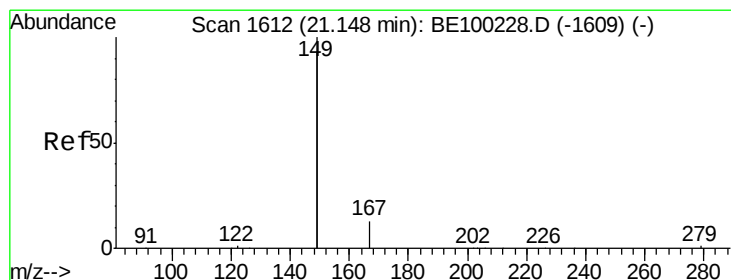
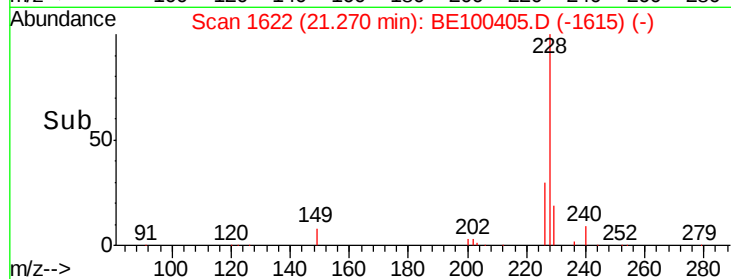
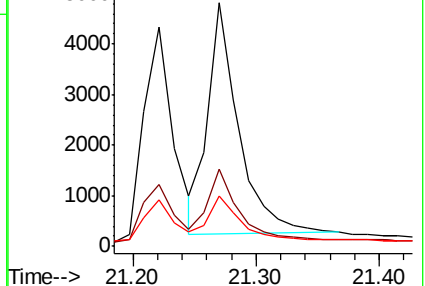
229 20.6 16.5 24.7



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: 0.357 ng

RT: 21.14 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BE100405.D

Acq: 6 Jul 2019 6:07

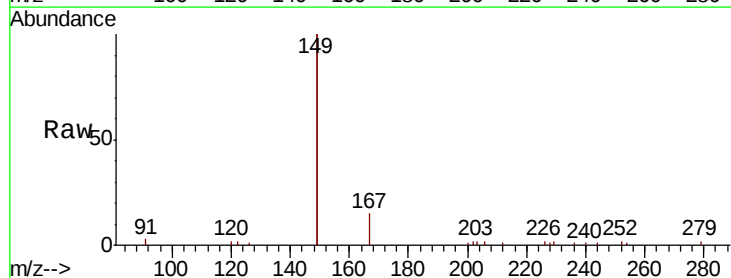
Tgt Ion:149 Resp: 11739

Ion Ratio Lower Upper

149 100

167 7.0 5.8 8.8

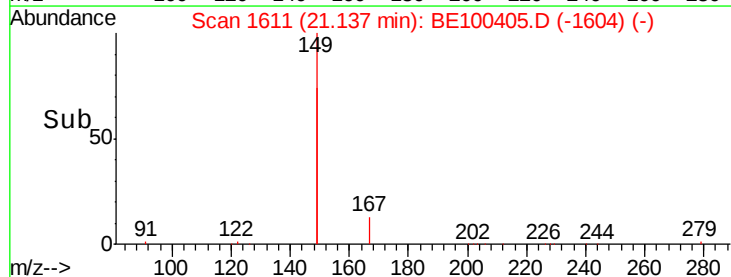
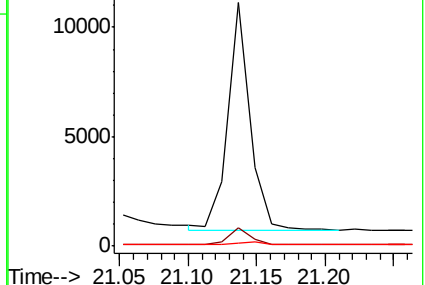
279 1.4 1.1 1.7

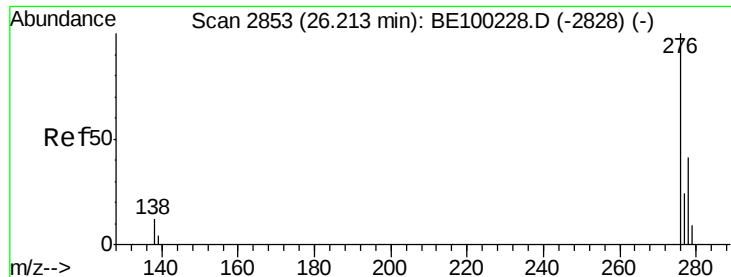


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

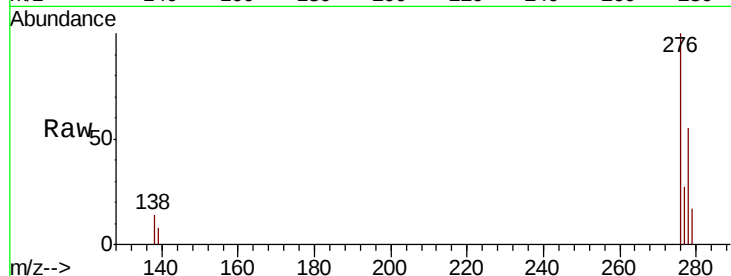




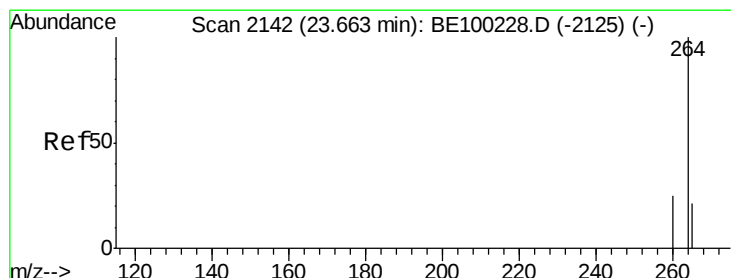
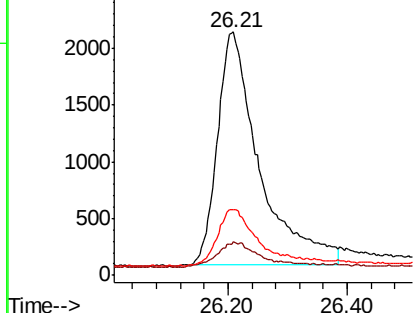
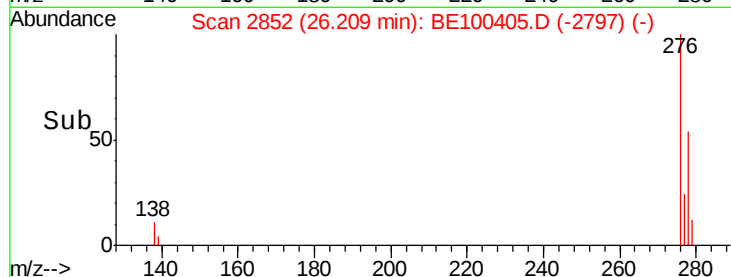
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.378 ng
 RT: 26.21 min Scan# 2852
 Delta R.T. -0.00 min
 Lab File: BE100405.D
 Acq: 6 Jul 2019 6:07

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:276 Resp: 10056
 Ion Ratio Lower Upper
 276 100
 138 9.7 9.4 14.0
 277 23.6 19.2 28.8

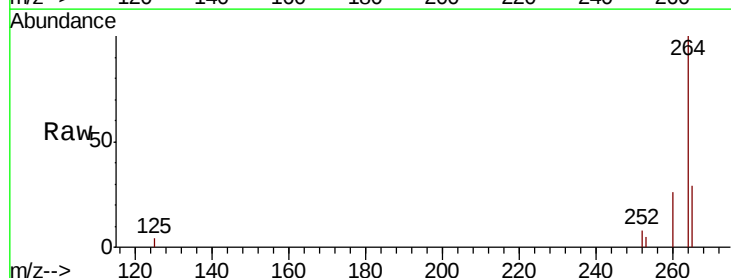


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

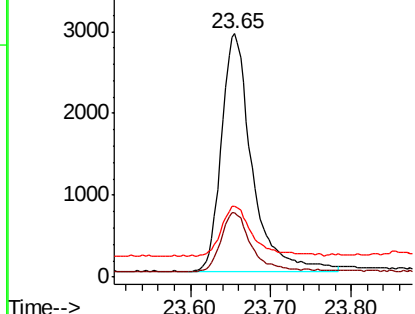
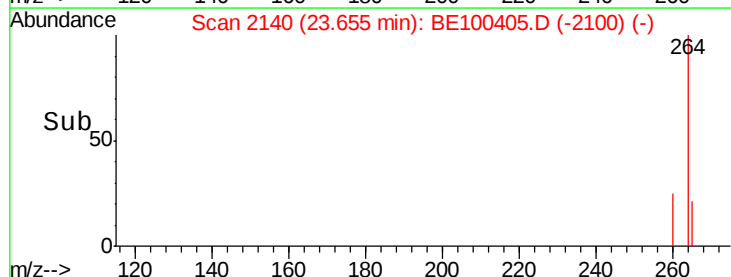


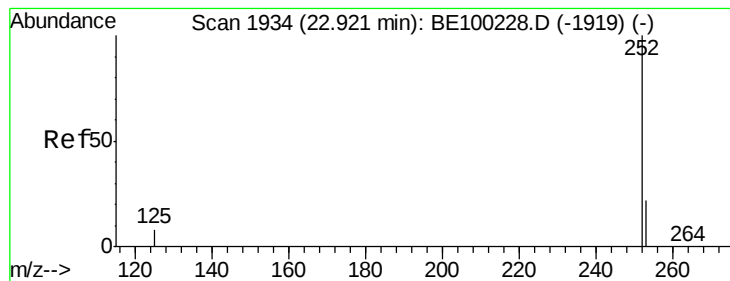
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.65 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BE100405.D
 Acq: 6 Jul 2019 6:07

Tgt Ion:264 Resp: 7661
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.8 31.2
 265 29.3 21.8 32.6



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: 0.355 ng

RT: 22.91 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BE100405.D

Acq: 6 Jul 2019 6:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

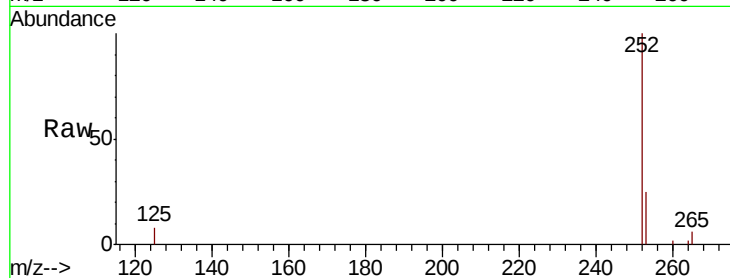
Tot Ion:252 Resp: 7371

Ion Ratio Lower Upper

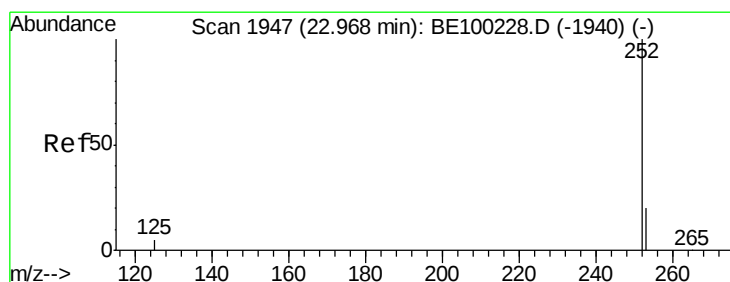
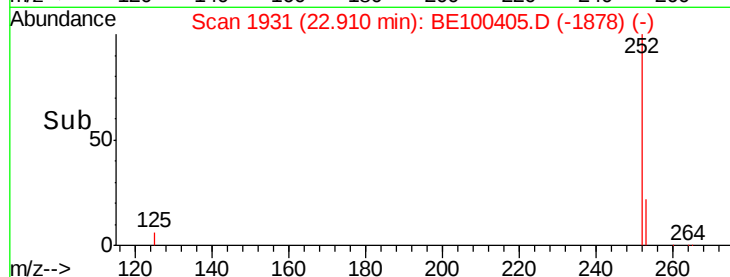
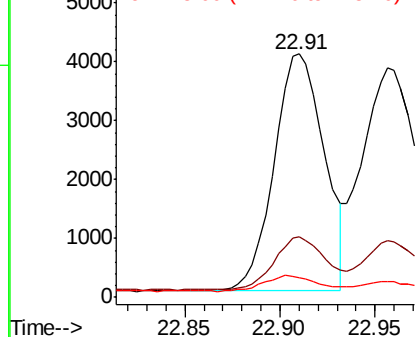
252 100

253 24.8 19.2 28.8

125 8.1 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



#36

Benzo(k)fluoranthene

Concen: 0.375 ng

RT: 22.96 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BE100405.D

Acq: 6 Jul 2019 6:07

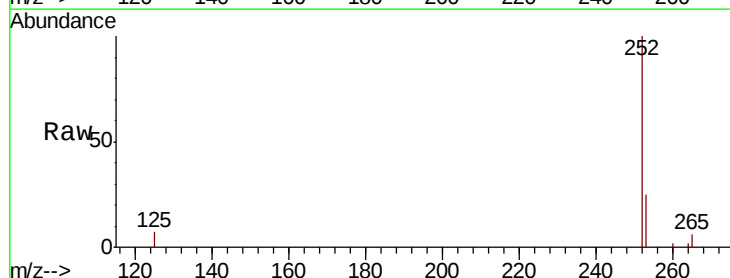
Tgt Ion:252 Resp: 8683

Ion Ratio Lower Upper

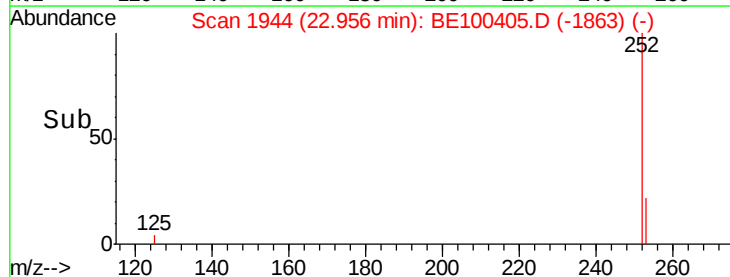
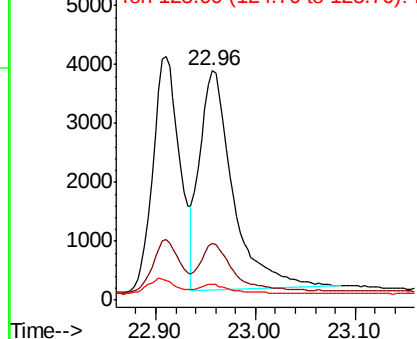
252 100

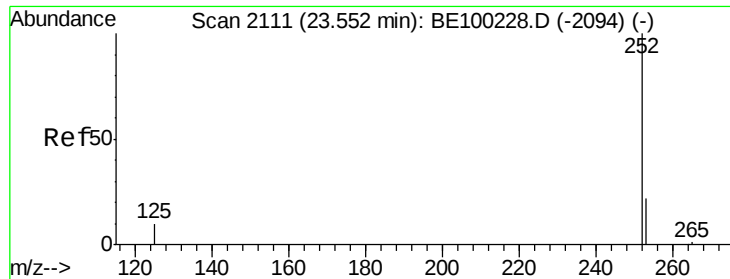
253 24.6 17.9 26.9

125 6.9 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





#37

Benzo(a)pyrene

Concen: 0.378 ng

RT: 23.54 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BE100405.D

Acq: 6 Jul 2019 6:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

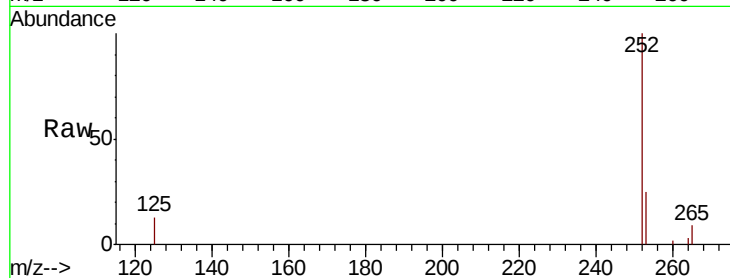
Tot Ion:252 Resp: 7861

Ion Ratio Lower Upper

252 100

253 25.2 19.6 29.4

125 12.8 9.0 13.6

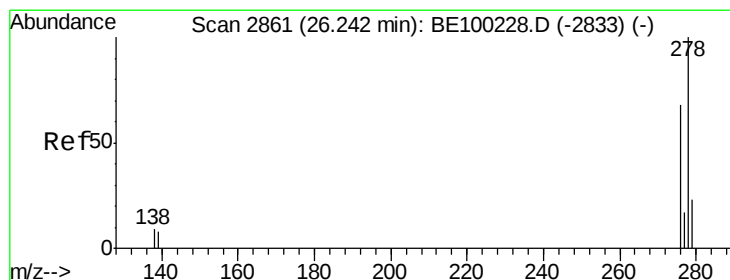
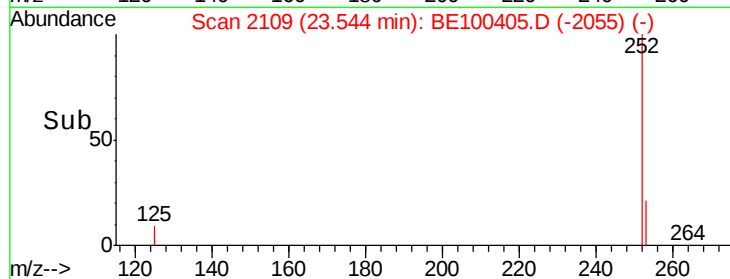
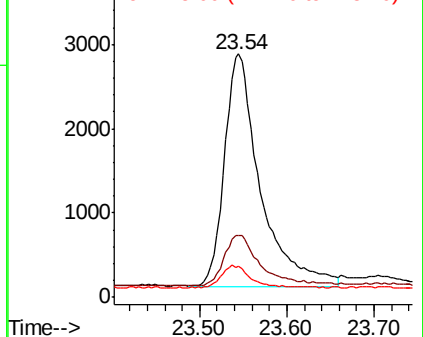


Abundance

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: 0.368 ng

RT: 26.23 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BE100405.D

Acq: 6 Jul 2019 6:07

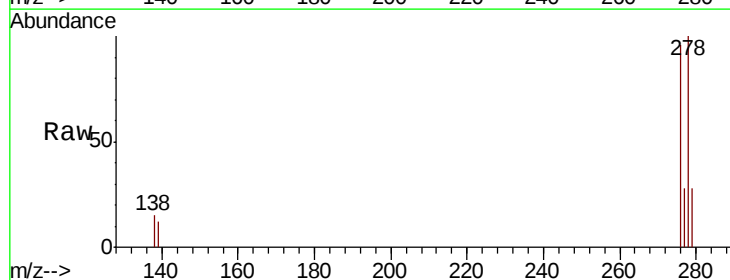
Tgt Ion:278 Resp: 8003

Ion Ratio Lower Upper

278 100

139 11.9 8.2 12.2

279 27.9 20.3 30.5

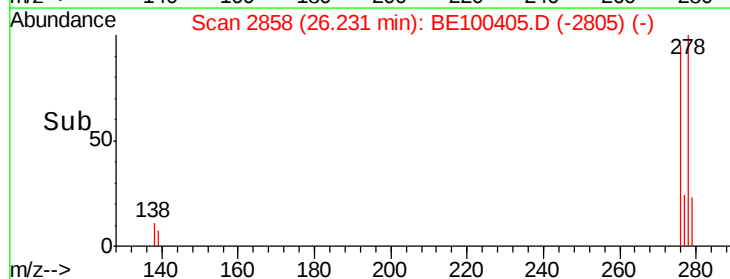
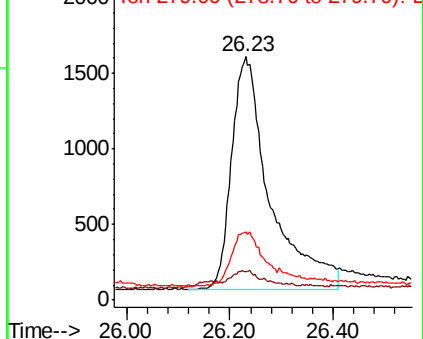


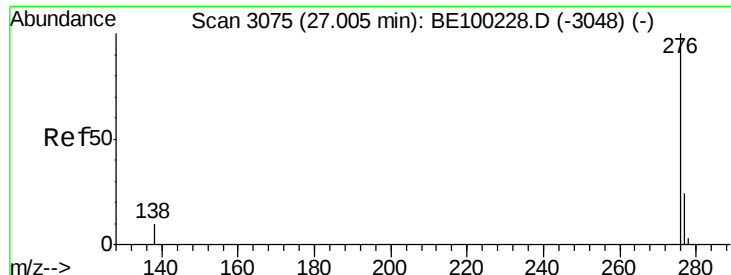
Abundance

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: 0.382 ng

RT: 26.99 min Scan# 3072

Delta R.T. -0.01 min

Lab File: BE100405.D

Acq: 6 Jul 2019 6:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

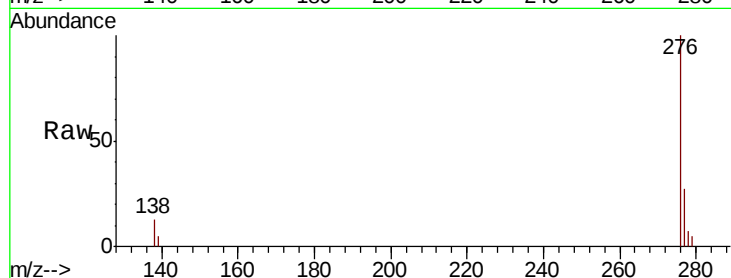
Tot Ion: 276 Resp: 8531

Ion Ratio Lower Upper

276 100

277 26.7 20.2 30.2

138 13.1 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

