

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070519\
 Data File : BE100392.D
 Acq On : 5 Jul 2019 21:36
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jul 06 00:14:33 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	686	0.40	ng	-0.02
7) Naphthalene-d8	10.42	136	2377	0.40	ng	-0.03
13) Acenaphthene-d10	14.30	164	1700	0.40	ng	-0.01
19) Phenanthrene-d10	17.05	188	5033	0.40	ng	0.00
27) Chrysene-d12	21.23	240	6222	0.40	ng	-0.01
34) Perylene-d12	23.66	264	7881	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	686	0.39	ng	-0.02
5) Phenol-d6	6.82	99	905	0.39	ng	-0.02
8) Nitrobenzene-d5	8.79	82	755	0.32	ng	-0.03
11) 2-Methylnaphthalene-d10	12.04	152	1724	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	477	0.40	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	2668	0.40	ng	-0.01
25) Fluoranthene-d10	19.09	212	27463	0.38	ng	-0.01
29) Terphenyl-d14	19.69	244	5563	0.43	ng	-0.01

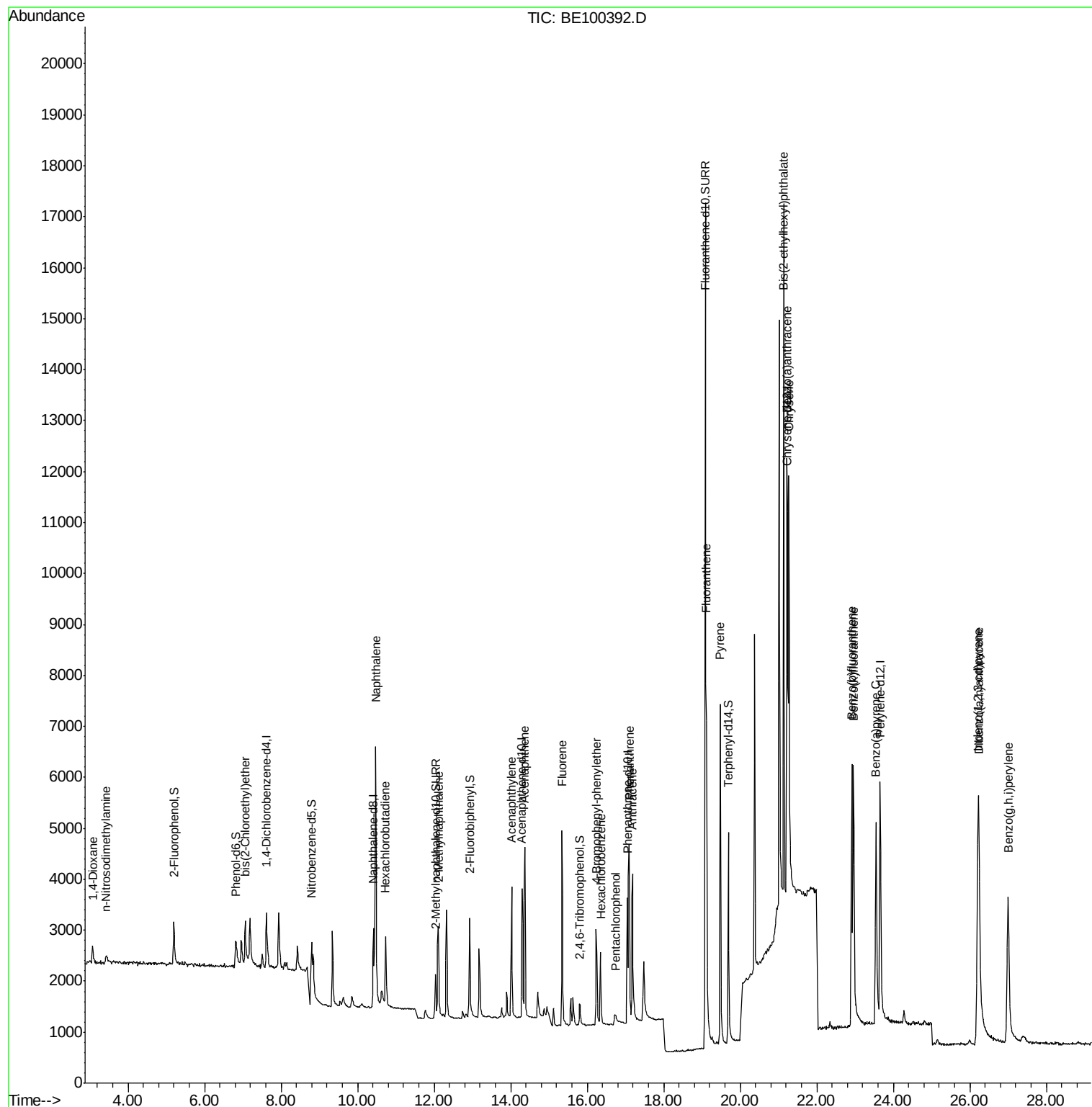
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.07	88	350	0.329	ng	# 91
3) n-Nitrosodimethylamine	3.43	42	189	0.381	ng	# 80
6) bis(2-Chloroethyl)ether	7.06	93	689	0.364	ng	# 75
9) Naphthalene	10.47	128	10252	0.391	ng	99
10) Hexachlorobutadiene	10.73	225	1139	0.451	ng	97
12) 2-Methylnaphthalene	12.11	142	1631	0.355	ng	98
16) Acenaphthylene	14.02	152	3144	0.385	ng	99
17) Acenaphthene	14.37	154	1798	0.389	ng	95
18) Fluorene	15.34	166	2635	0.385	ng	99
20) 4-Bromophenyl-phenylether	16.24	248	1358	0.423	ng	# 82
21) Hexachlorobenzene	16.36	284	1444	0.433	ng	97
22) Pentachlorophenol	16.73	266	334	0.333	ng	96
23) Phenanthrene	17.09	178	4666	0.383	ng	99
24) Anthracene	17.19	178	4274	0.389	ng	98
26) Fluoranthene	19.12	202	7291	0.375	ng	99
28) Pyrene	19.48	202	7612	0.462	ng	99
30) Benzo(a)anthracene	21.22	228	7703	0.377	ng	97
31) Chrysene	21.27	228	8042	0.391	ng	96
32) Bis(2-ethylhexyl)phthalate	21.14	149	14537	0.445	ng	100
33) Indeno(1,2,3-cd)pyrene	26.22	276	10480	0.386	ng	97
35) Benzo(b)fluoranthene	22.91	252	7674	0.359	ng	95
36) Benzo(k)fluoranthene	22.96	252	8555	0.359	ng	# 93
37) Benzo(a)pyrene	23.55	252	7916	0.370	ng	# 93
38) Dibenzo(a,h)anthracene	26.23	278	7928	0.354	ng	# 92
39) Benzo(g,h,i)perylene	27.00	276	9089	0.396	ng	# 94

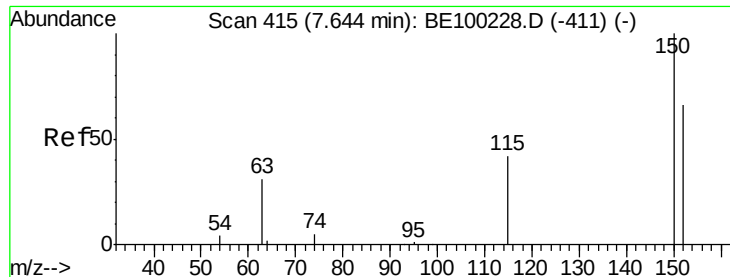
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 28 14:06:53 2019
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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: BE100392.D

Acq: 5 Jul 2019 21:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

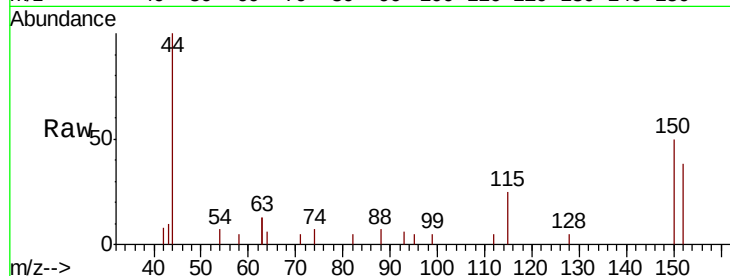
Tgt Ion: 152 Resp: 686

Ion Ratio Lower Upper

152 100

150 130.2 114.5 171.7

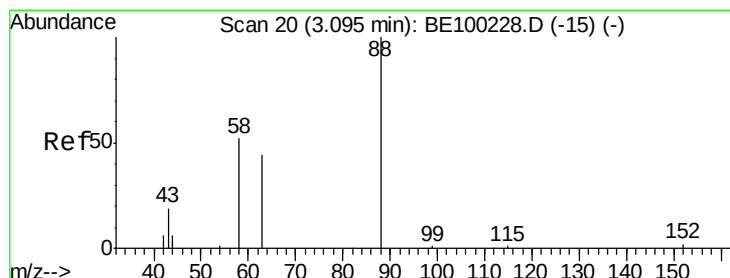
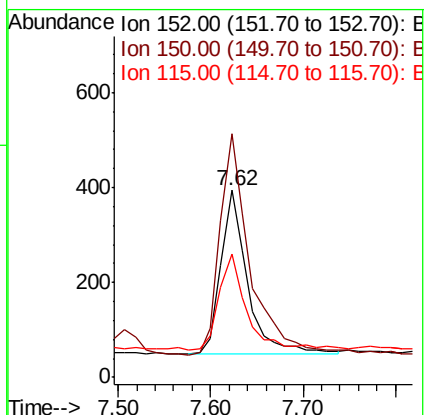
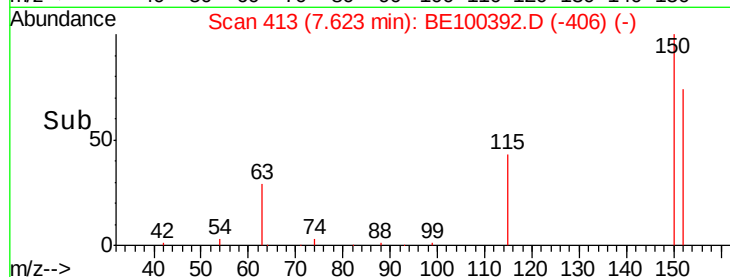
115 65.7 57.1 85.7



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: 0.329 ng

RT: 3.07 min Scan# 18

Delta R.T. -0.02 min

Lab File: BE100392.D

Acq: 5 Jul 2019 21:36

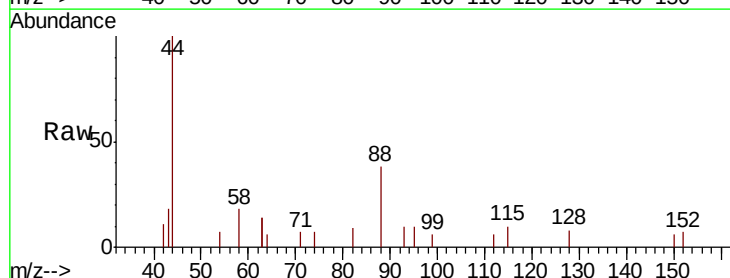
Tgt Ion: 88 Resp: 350

Ion Ratio Lower Upper

88 100

58 57.7 43.6 65.4

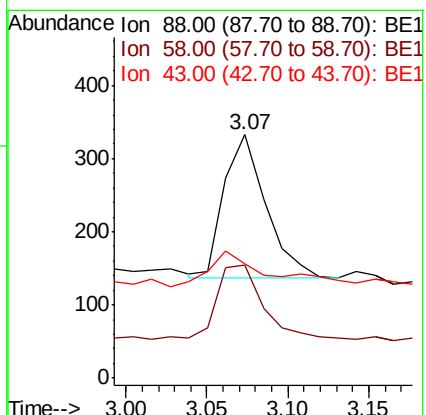
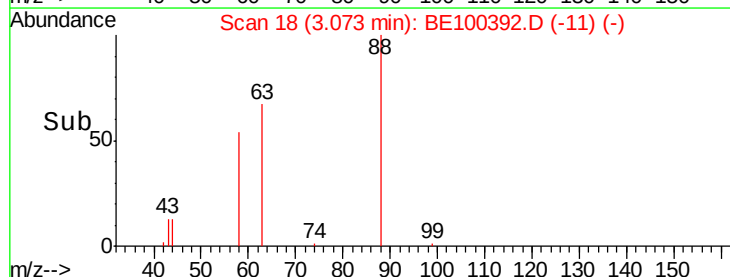
43 35.4 21.4 32.0#

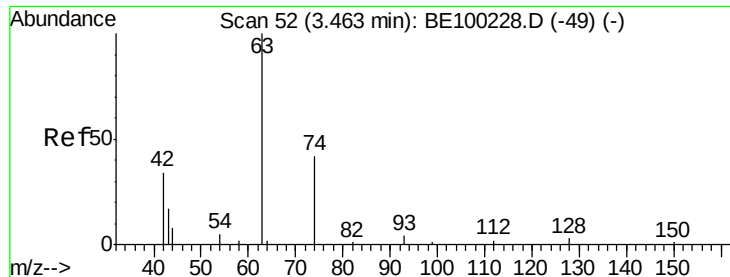


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.381 ng

RT: 3.43 min Scan# 49

Delta R.T. -0.03 min

Lab File: BE100392.D

Acq: 5 Jul 2019 21:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

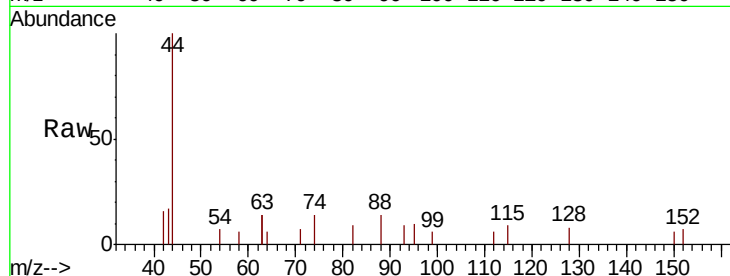
Tgt Ion: 42 Resp: 189

Ion Ratio Lower Upper

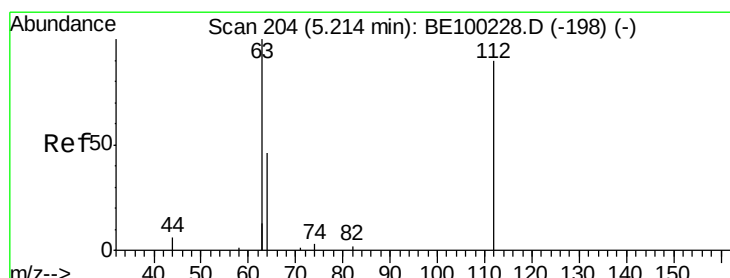
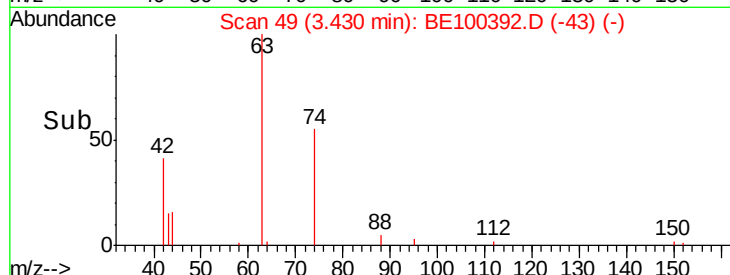
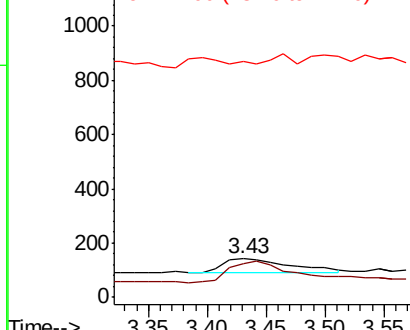
42 100

74 156.6 130.6 196.0

44 0.0 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: 0.392 ng

RT: 5.19 min Scan# 202

Delta R.T. -0.02 min

Lab File: BE100392.D

Acq: 5 Jul 2019 21:36

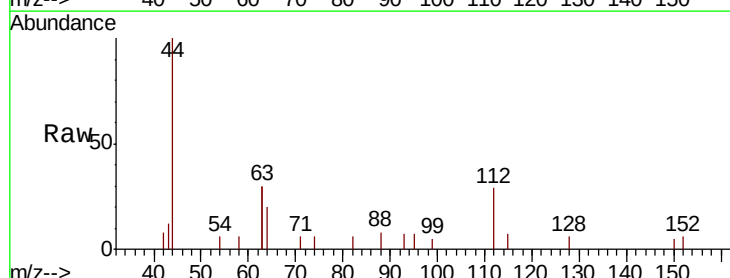
Tgt Ion: 112 Resp: 686

Ion Ratio Lower Upper

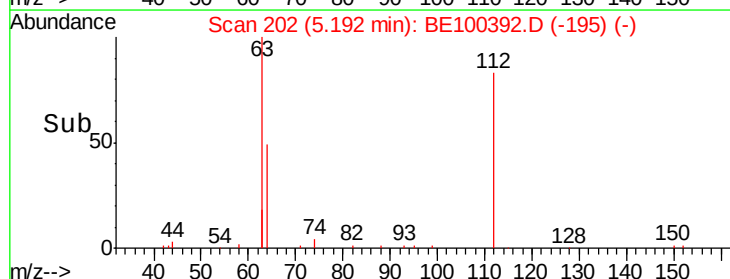
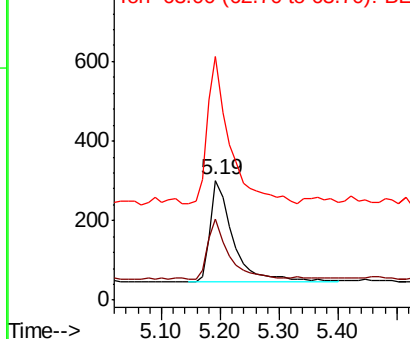
112 100

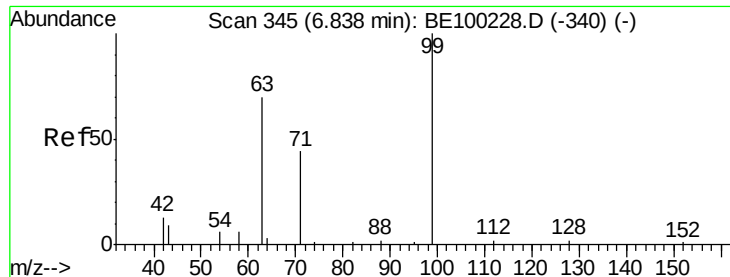
64 53.5 39.4 59.0

63 141.8 104.5 156.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.393 ng

RT: 6.82 min Scan# 343

Delta R.T. -0.02 min

Lab File: BE100392.D

Acq: 5 Jul 2019 21:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

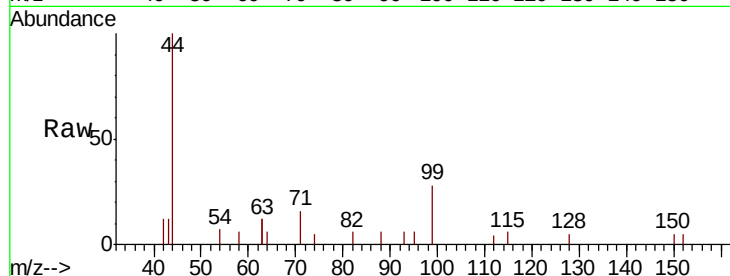
Tgt Ion: 99 Resp: 905

Ion Ratio Lower Upper

99 100

42 15.4 11.2 16.8

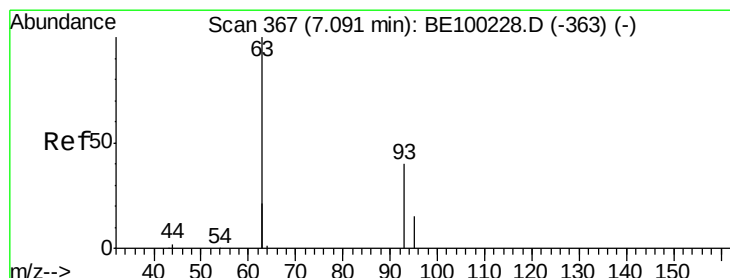
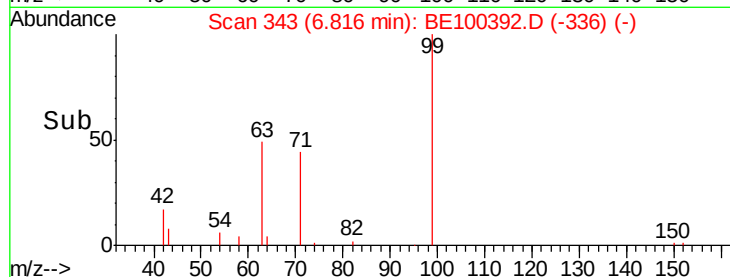
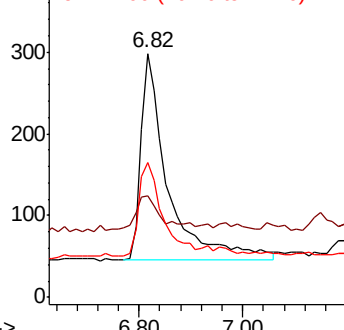
71 41.1 37.2 55.8



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: 0.364 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.03 min

Lab File: BE100392.D

Acq: 5 Jul 2019 21:36

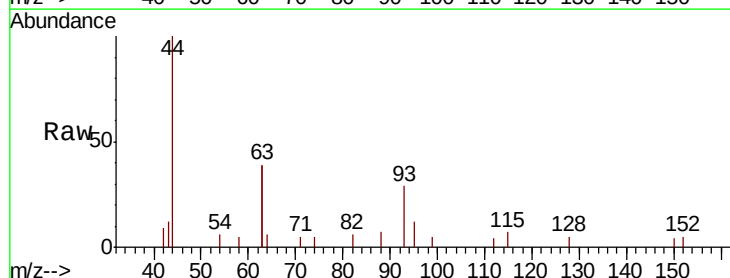
Tgt Ion: 93 Resp: 689

Ion Ratio Lower Upper

93 100

63 235.3 155.6 233.4#

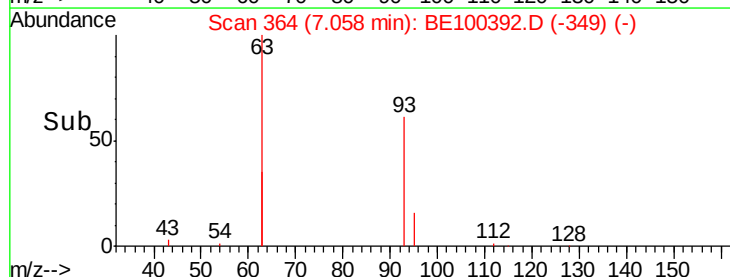
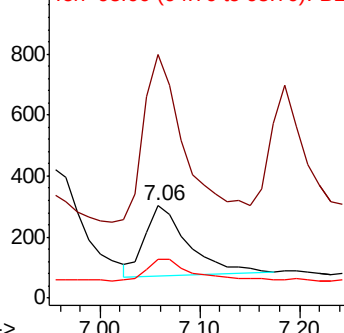
95 34.8 23.0 34.4#

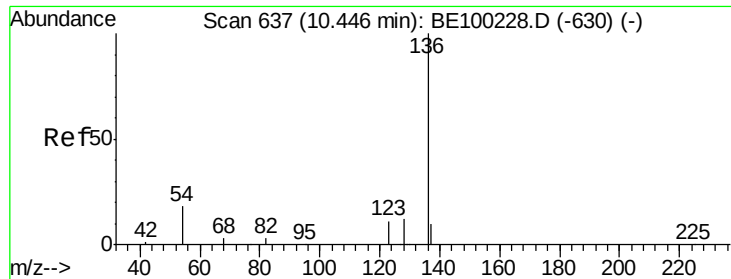


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: BE100392.D

Acq: 5 Jul 2019 21:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 2377

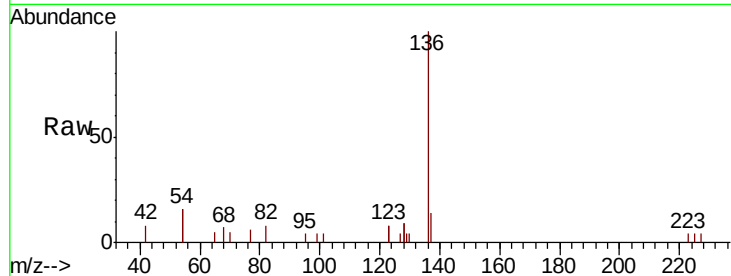
Ion Ratio Lower Upper

136 100

137 13.9 11.8 17.8

54 32.1 27.7 41.5

68 7.2 6.8 10.2

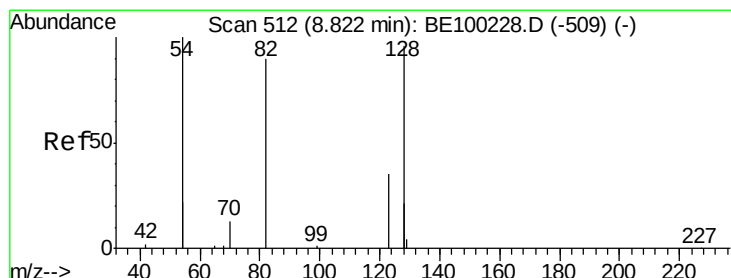
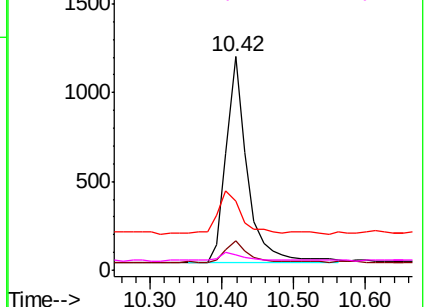
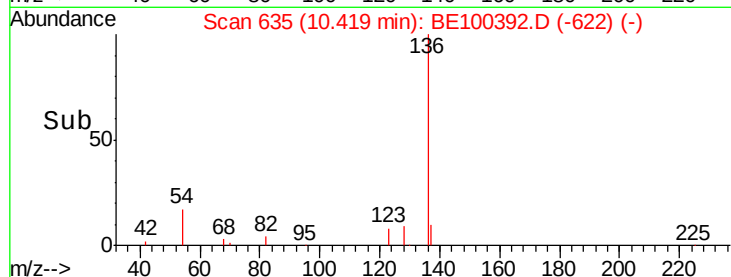


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.320 ng

RT: 8.79 min Scan# 510

Delta R.T. -0.03 min

Lab File: BE100392.D

Acq: 5 Jul 2019 21:36

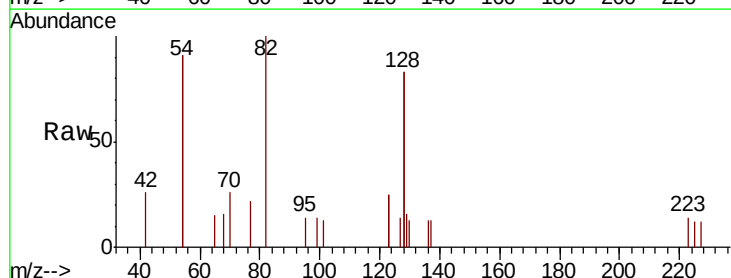
Tgt Ion: 82 Resp: 755

Ion Ratio Lower Upper

82 100

128 166.3 140.9 211.3

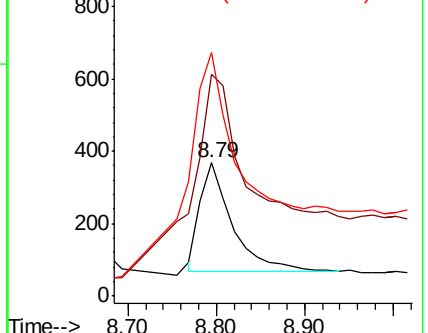
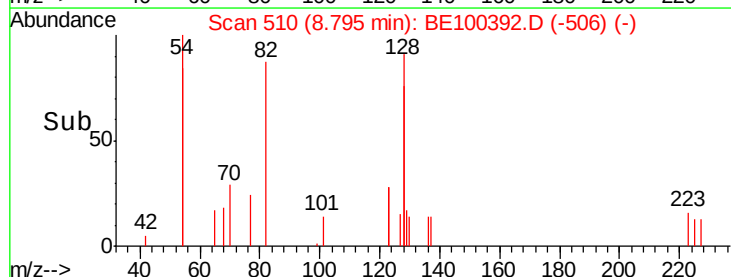
54 182.6 146.2 219.2

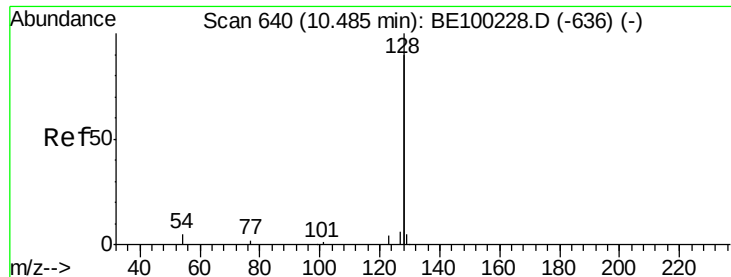


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

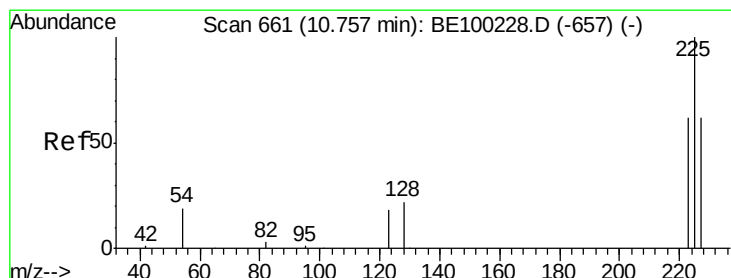
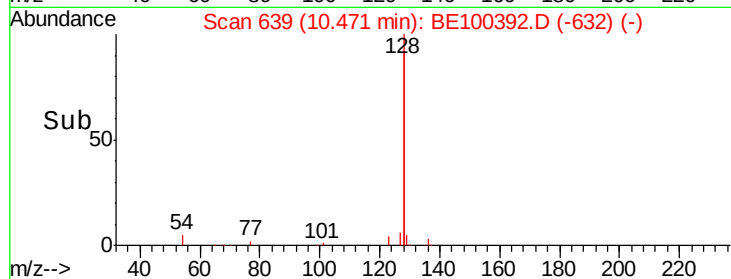
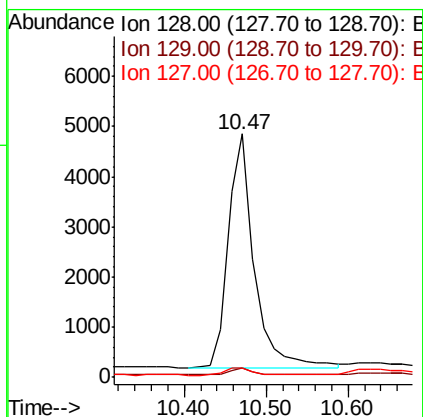
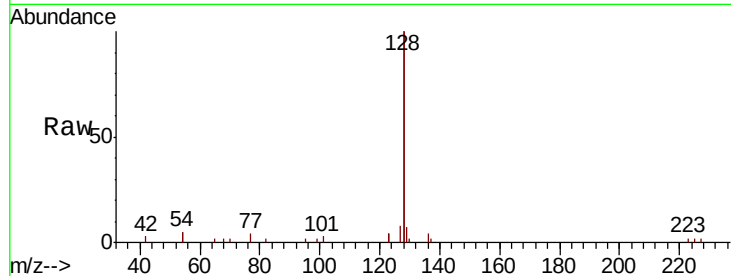




#9
Naphthalene
Concen: 0.391 ng
RT: 10.47 min Scan# 639
Delta R.T. -0.01 min
Lab File: BE100392.D
Acq: 5 Jul 2019 21:36

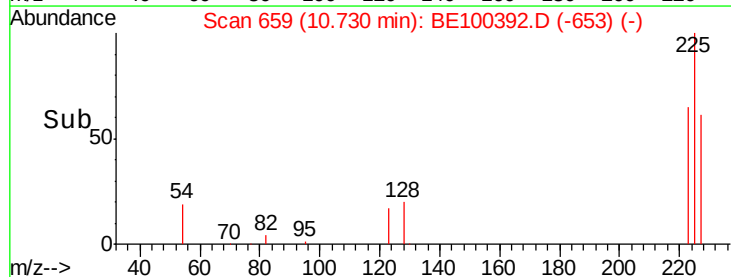
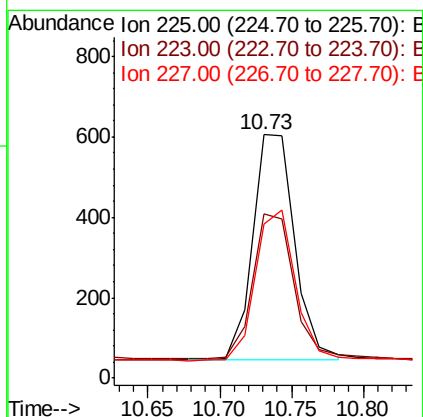
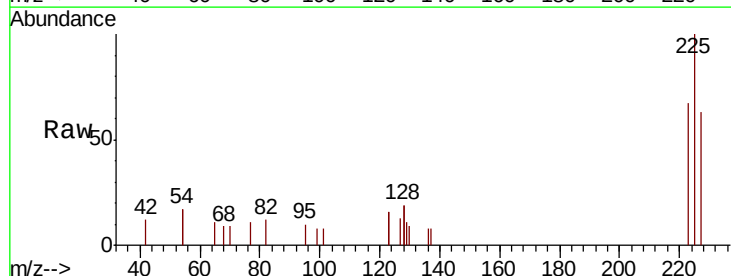
Instrument :
BNA_N
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SSTDCCC0.4EC

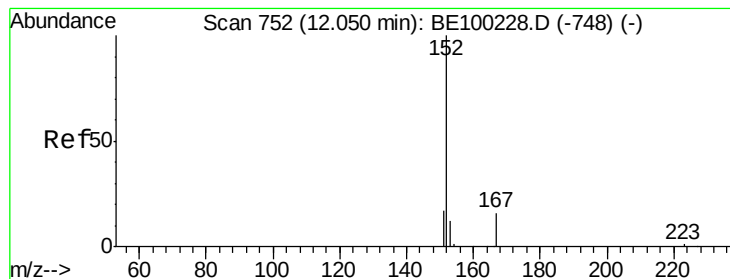
Tgt Ion:128 Resp: 10252
Ion Ratio Lower Upper
128 100
129 3.6 3.0 4.6
127 4.1 3.5 5.3



#10
Hexachlorobutadiene
Concen: 0.451 ng
RT: 10.73 min Scan# 659
Delta R.T. -0.03 min
Lab File: BE100392.D
Acq: 5 Jul 2019 21:36

Tgt Ion:225 Resp: 1139
Ion Ratio Lower Upper
225 100
223 63.2 49.1 73.7
227 64.1 49.3 73.9





#11

2-Methylnaphthalene-d10

Concen: 0.386 ng

RT: 12.04 min Scan# 751

Delta R.T. -0.01 min

Lab File: BE100392.D

Acq: 5 Jul 2019 21:36

Instrument :

BNA_N

ClientSampleId :

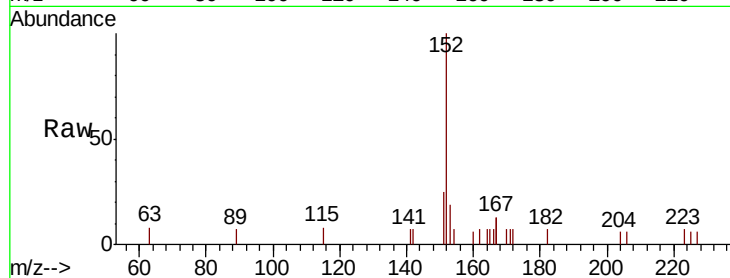
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1724

Ion Ratio Lower Upper

152 100

151 19.0 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.04

800

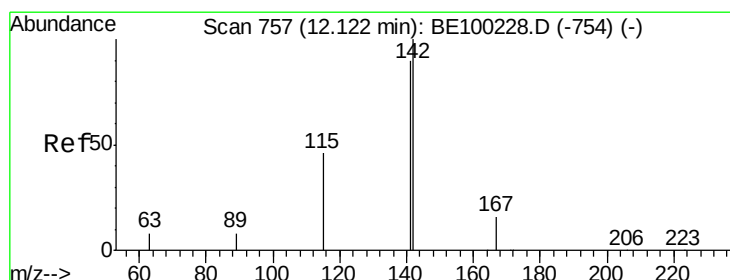
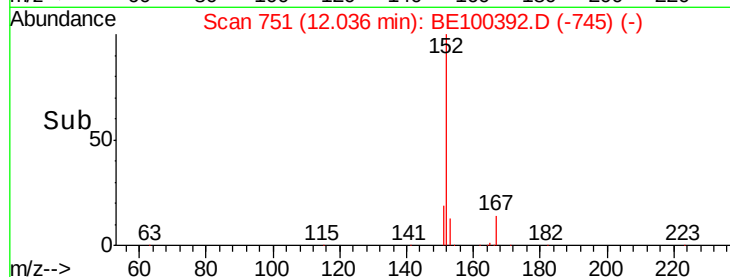
600

400

200

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.355 ng

RT: 12.11 min Scan# 756

Delta R.T. -0.01 min

Lab File: BE100392.D

Acq: 5 Jul 2019 21:36

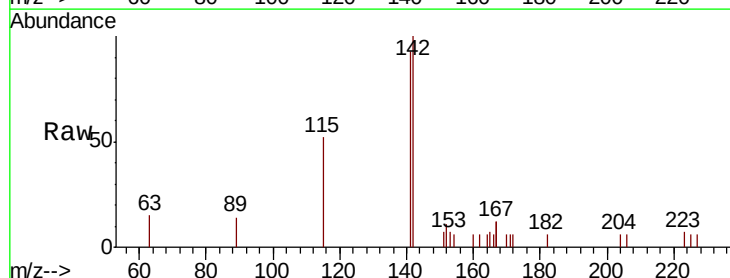
Tgt Ion:142 Resp: 1631

Ion Ratio Lower Upper

142 100

141 93.1 72.4 108.6

115 51.6 40.4 60.6



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

12.11

1000

800

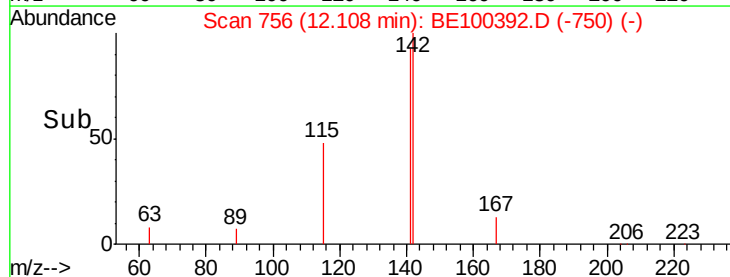
600

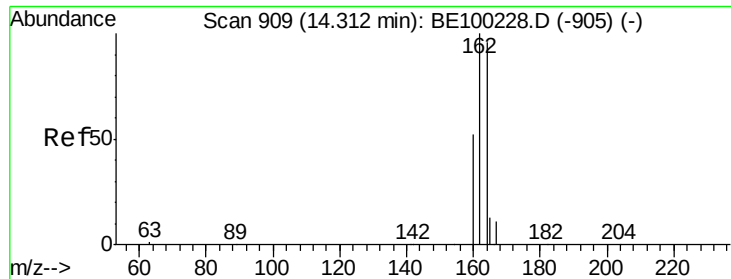
400

200

0

Time-->

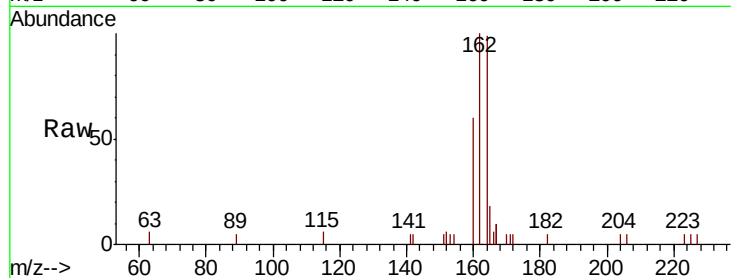




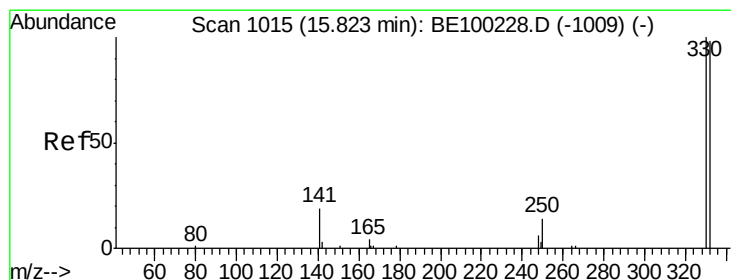
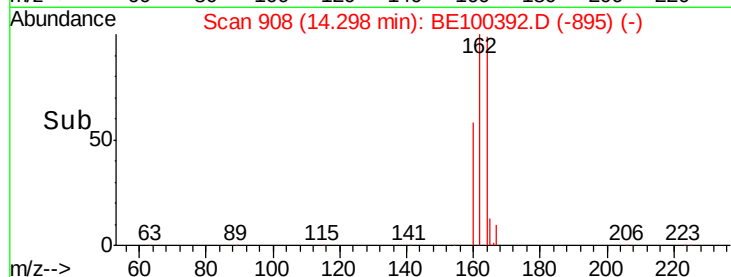
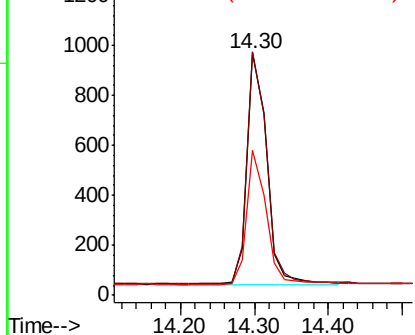
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.30 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BE100392.D
 Acq: 5 Jul 2019 21:36

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:164 Resp: 1700
 Ion Ratio Lower Upper
 164 100
 162 100.6 83.4 125.0
 160 60.2 45.0 67.6

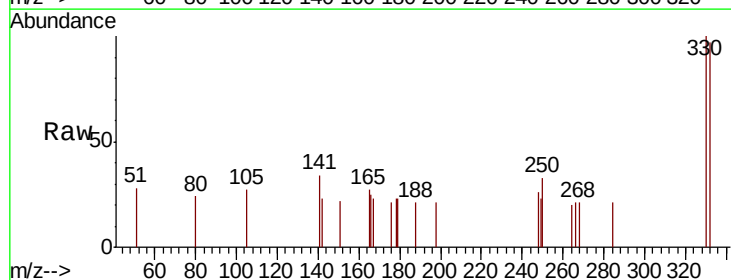


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

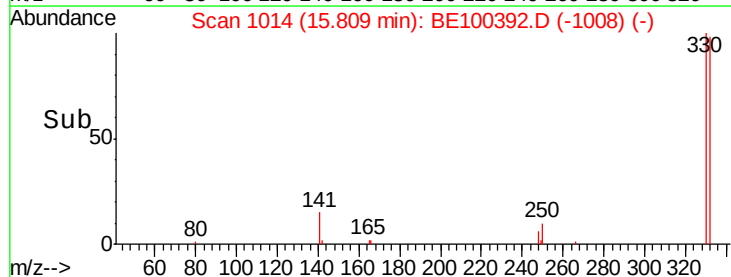
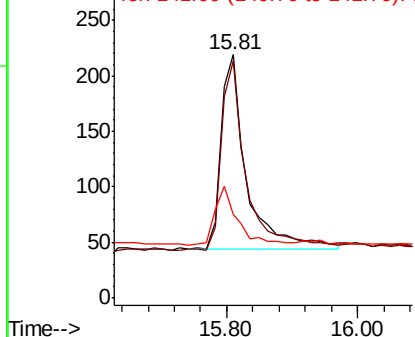


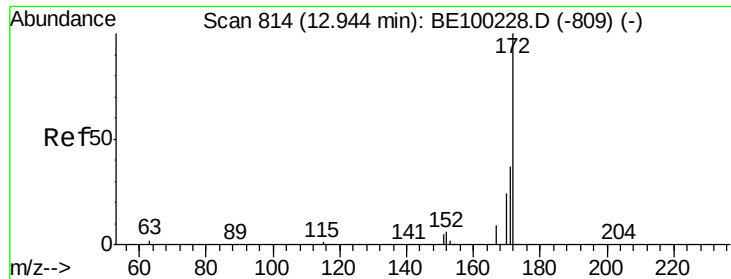
#14
 2,4,6-Tribromophenol
 Concen: 0.401 ng
 RT: 15.81 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BE100392.D
 Acq: 5 Jul 2019 21:36

Tgt Ion:330 Resp: 477
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.4
 141 27.5 22.0 33.0



Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

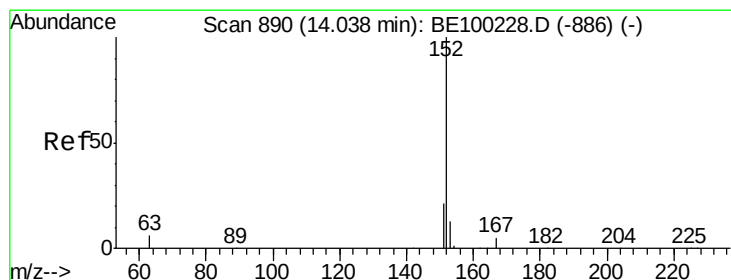
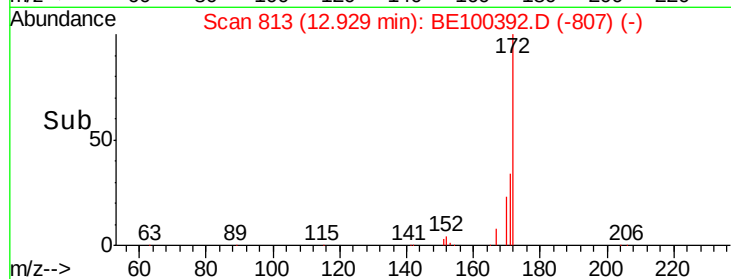
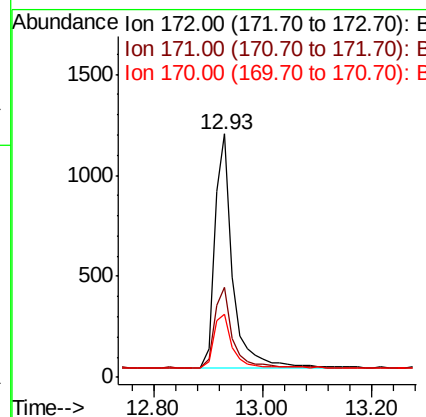
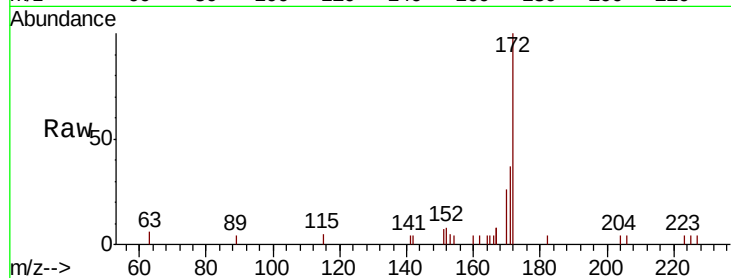




#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100392.D
Acq: 5 Jul 2019 21:36

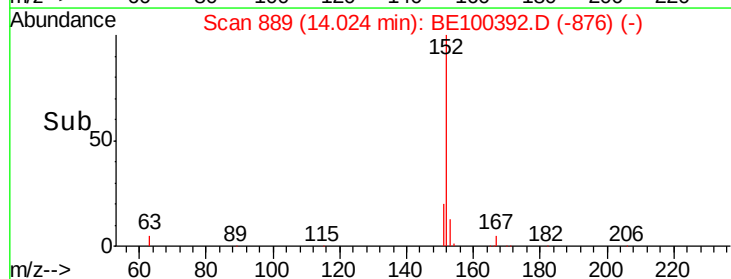
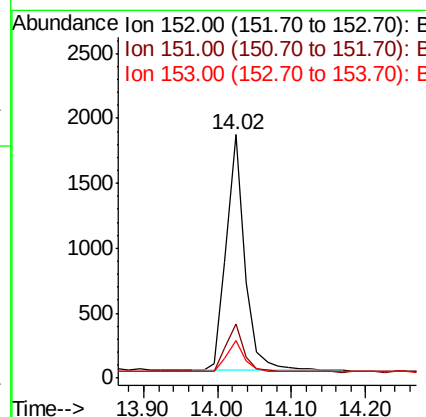
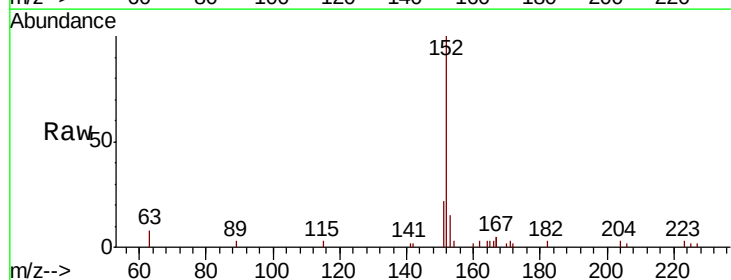
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

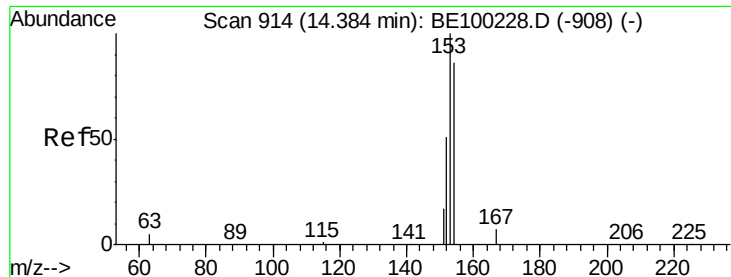
Tgt Ion:172 Resp: 2668
Ion Ratio Lower Upper
172 100
171 37.1 31.9 47.9
170 26.0 22.2 33.2



#16
Acenaphthylene
Concen: 0.385 ng
RT: 14.02 min Scan# 889
Delta R.T. -0.01 min
Lab File: BE100392.D
Acq: 5 Jul 2019 21:36

Tgt Ion:152 Resp: 3144
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0
153 13.0 10.5 15.7

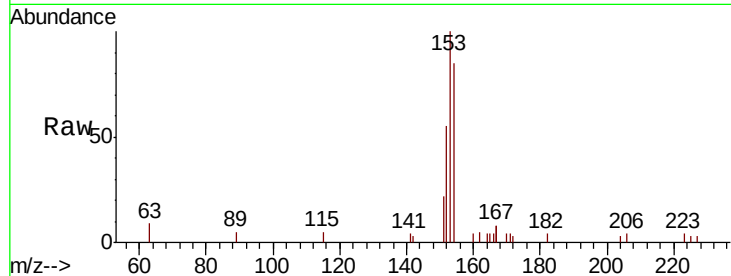




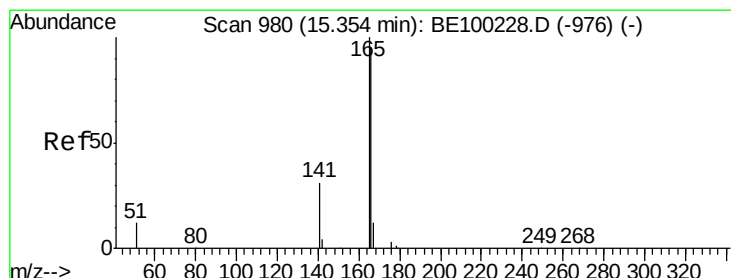
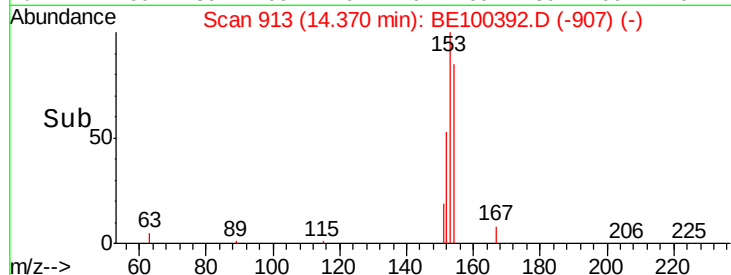
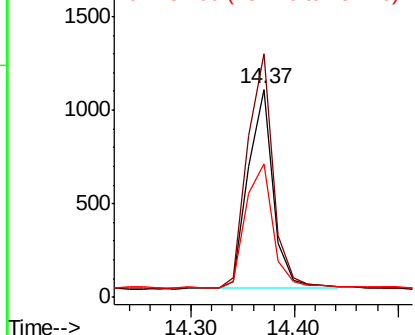
#17
Acenaphthene
Concen: 0.389 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100392.D
Acq: 5 Jul 2019 21:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 1798
Ion Ratio Lower Upper
154 100
153 121.0 93.4 140.2
152 67.6 49.4 74.2

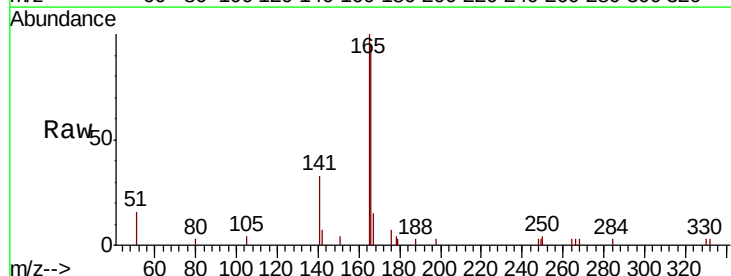


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

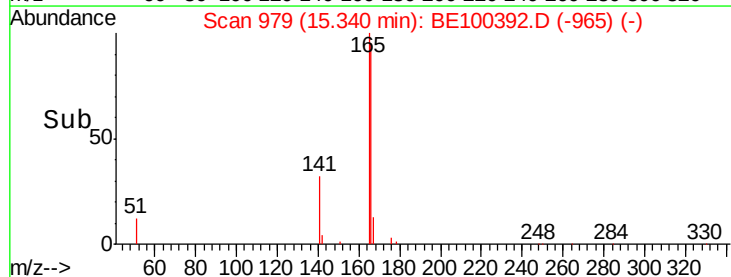
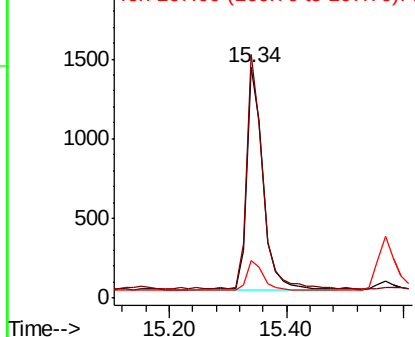


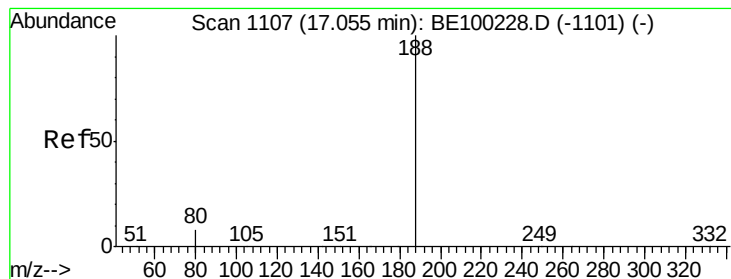
#18
Fluorene
Concen: 0.385 ng
RT: 15.34 min Scan# 979
Delta R.T. -0.01 min
Lab File: BE100392.D
Acq: 5 Jul 2019 21:36

Tgt Ion:166 Resp: 2635
Ion Ratio Lower Upper
166 100
165 103.1 81.1 121.7
167 13.5 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: BE100392.D

Acq: 5 Jul 2019 21:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

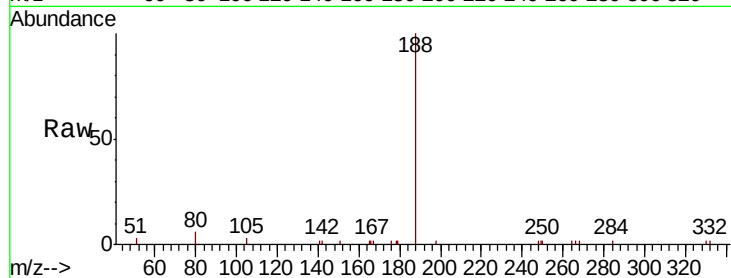
Tgt Ion:188 Resp: 5033

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

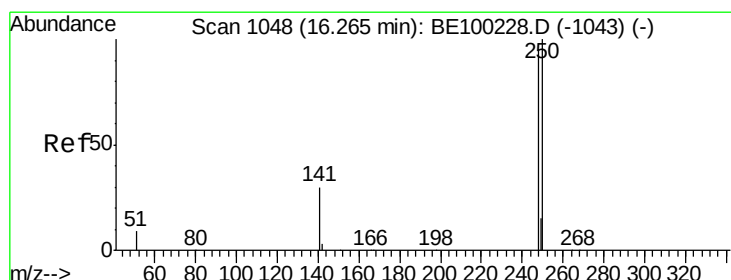
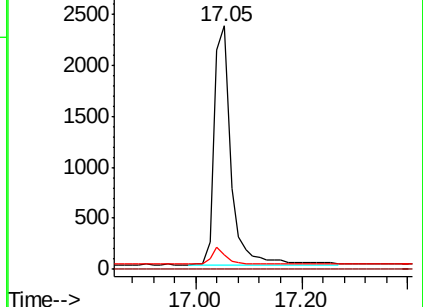
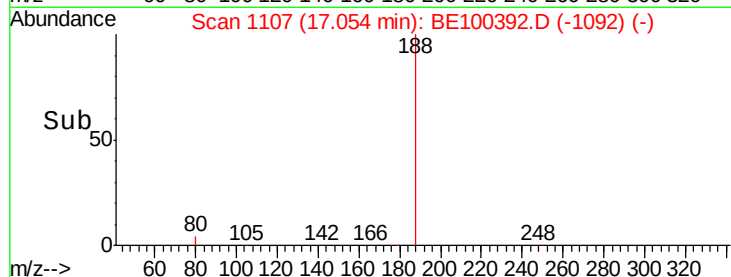
80 5.8 7.6 11.4#



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: 0.423 ng

RT: 16.24 min Scan# 1046

Delta R.T. -0.03 min

Lab File: BE100392.D

Acq: 5 Jul 2019 21:36

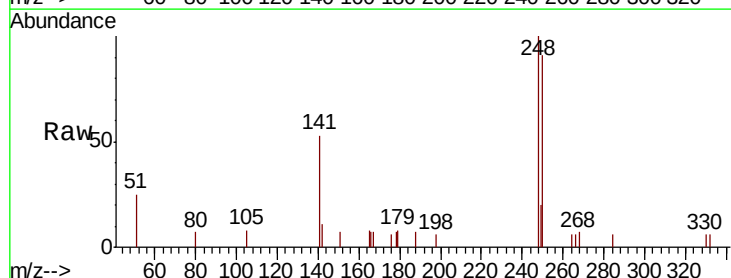
Tgt Ion:248 Resp: 1358

Ion Ratio Lower Upper

248 100

250 90.8 84.2 126.4

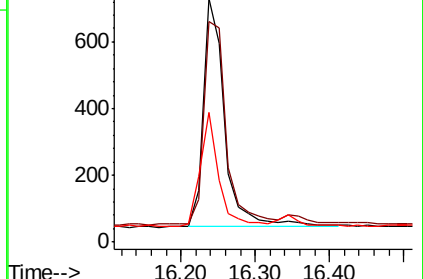
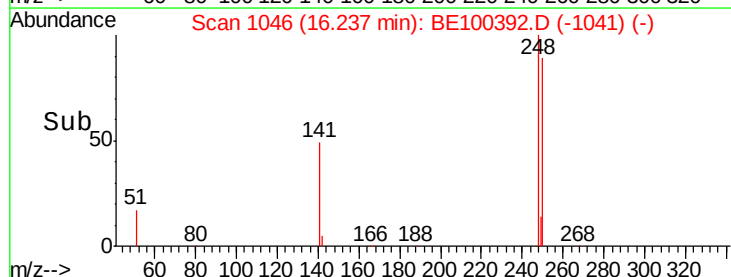
141 53.1 29.3 43.9#

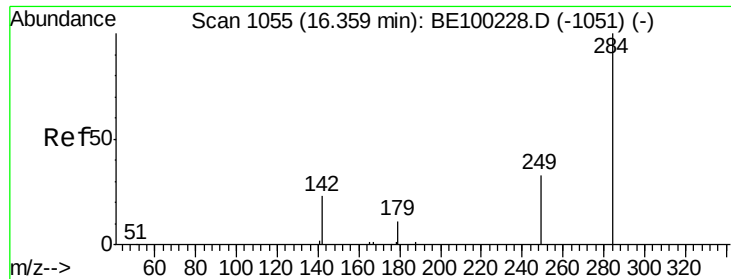


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

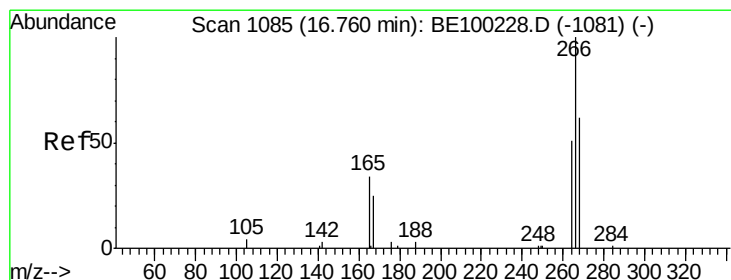
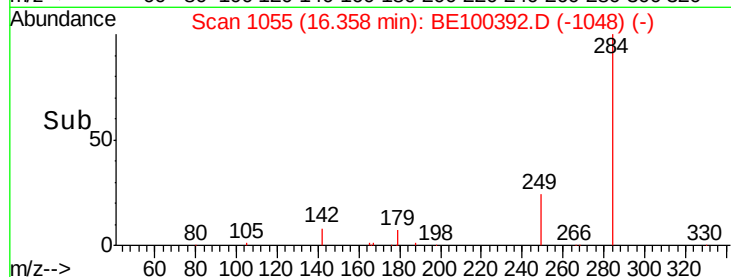
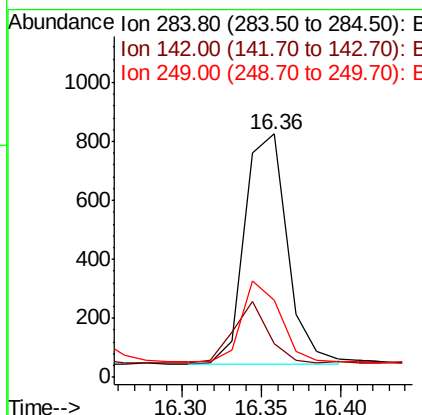
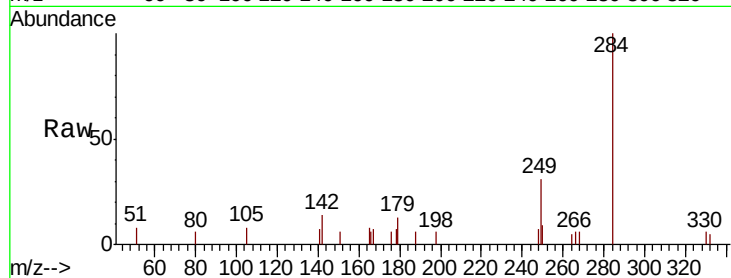




#21
Hexachlorobenzene
Concen: 0.433 ng
RT: 16.36 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BE100392.D
Acq: 5 Jul 2019 21:36

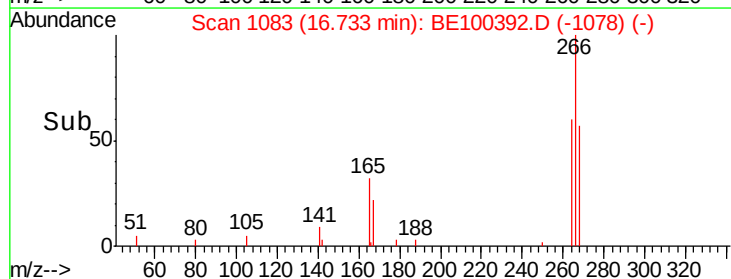
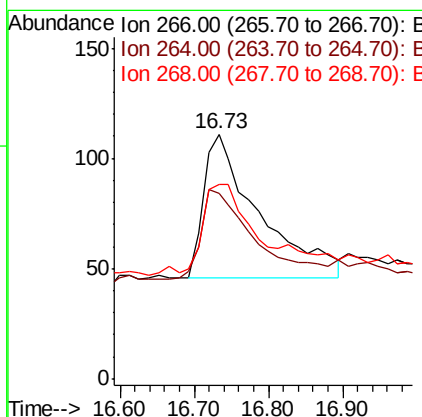
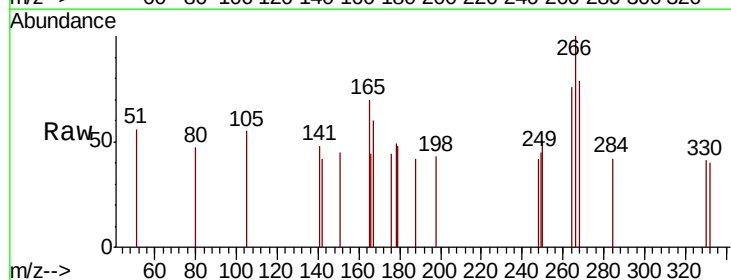
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

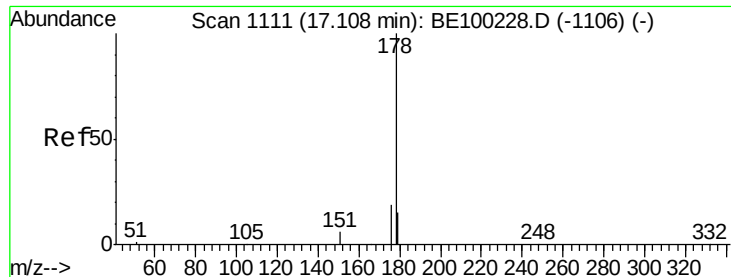
Tgt Ion:284 Resp: 1444
Ion Ratio Lower Upper
284 100
142 22.9 18.8 28.2
249 31.9 23.7 35.5



#22
Pentachlorophenol
Concen: 0.333 ng
RT: 16.73 min Scan# 1083
Delta R.T. -0.03 min
Lab File: BE100392.D
Acq: 5 Jul 2019 21:36

Tgt Ion:266 Resp: 334
Ion Ratio Lower Upper
266 100
264 75.7 56.2 84.2
268 79.3 61.8 92.6





#23

Phenanthrene

Concen: 0.383 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100392.D

Acq: 5 Jul 2019 21:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

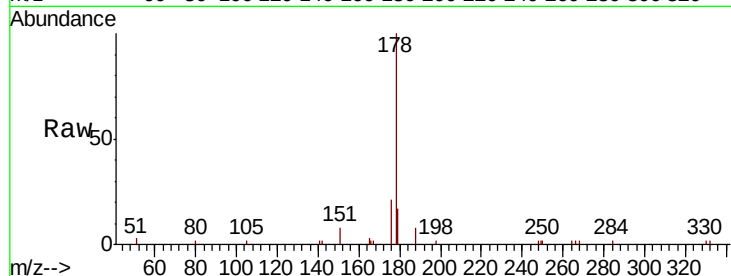
Tgt Ion:178 Resp: 4666

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

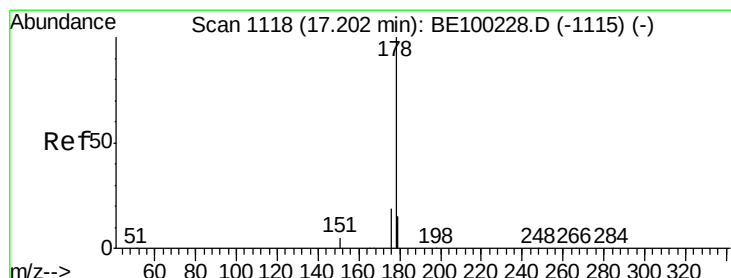
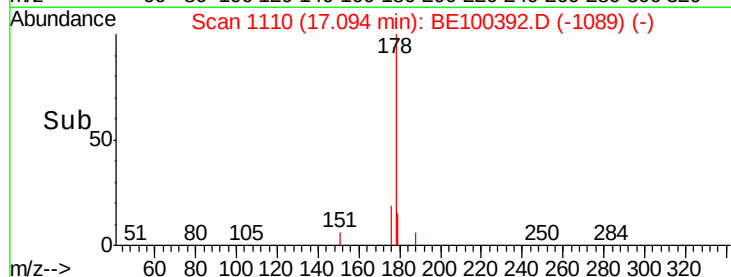
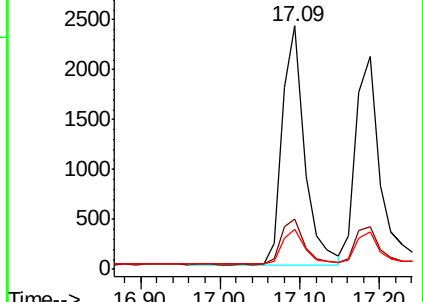
179 14.6 12.2 18.2



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: 0.389 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100392.D

Acq: 5 Jul 2019 21:36

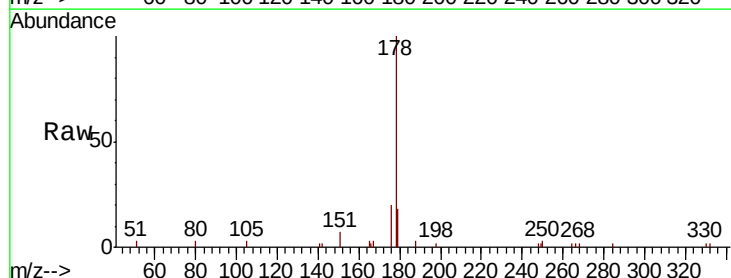
Tgt Ion:178 Resp: 4274

Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

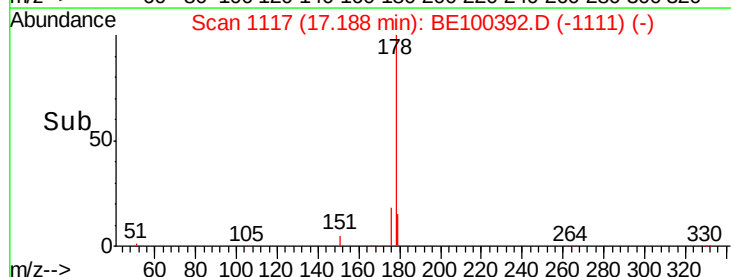
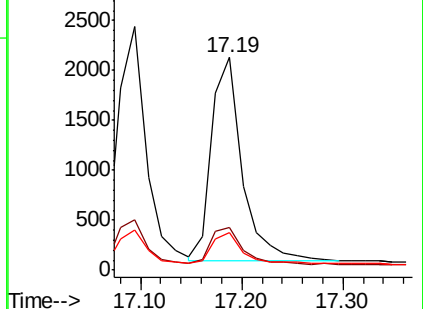
179 14.3 12.2 18.2

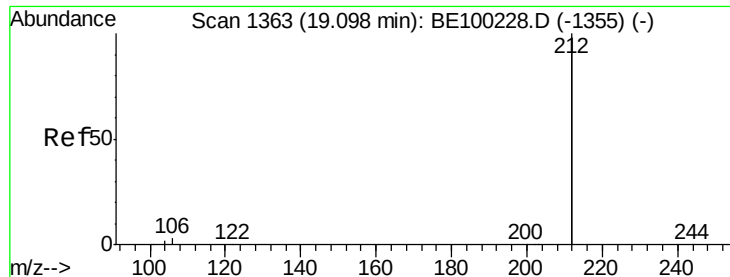


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

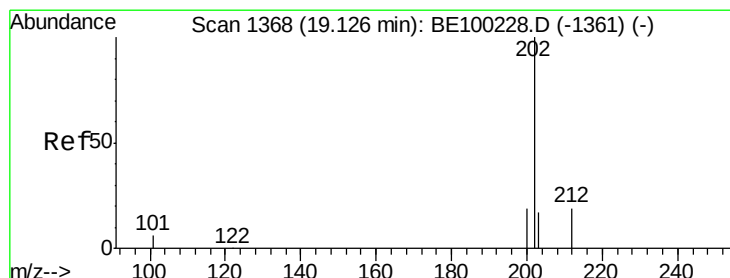
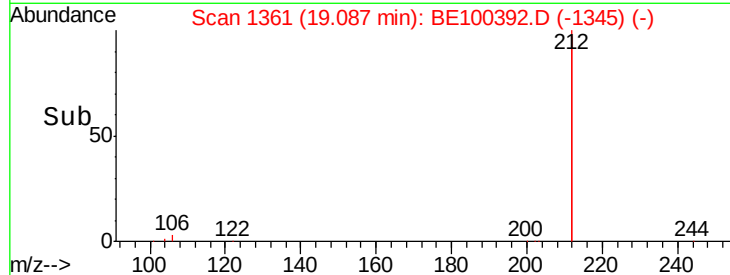
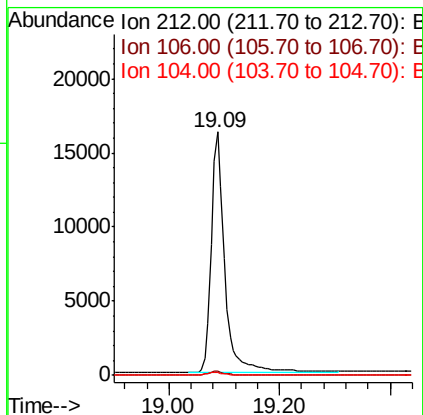
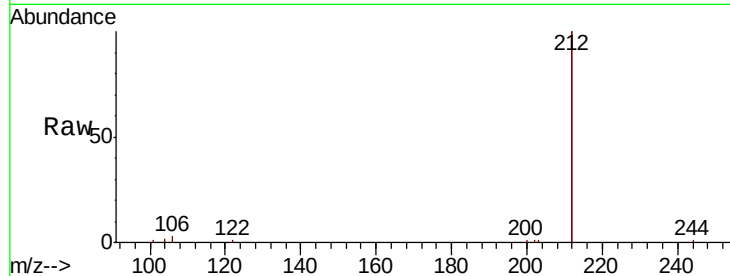




#25
 Fluoranthene-d10
 Concen: 0.376 ng
 RT: 19.09 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BE100392.D
 Acq: 5 Jul 2019 21:36

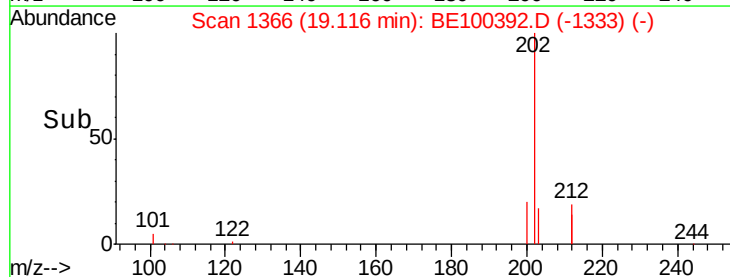
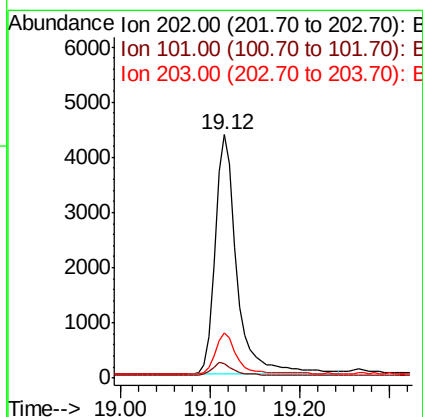
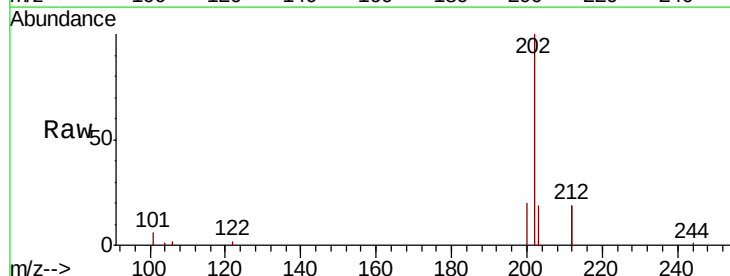
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

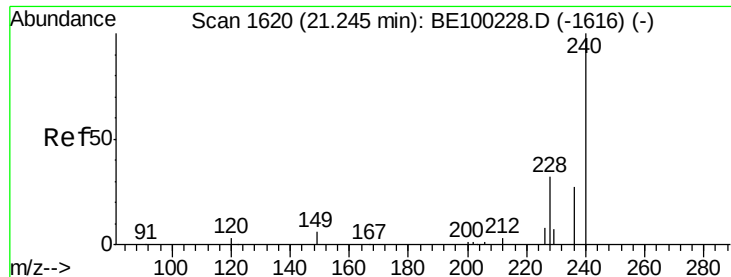
Tgt Ion: 212 Resp: 27463
 Ion Ratio Lower Upper
 212 100
 106 1.5 1.3 1.9
 104 0.9 0.8 1.2



#26
 Fluoranthene
 Concen: 0.375 ng
 RT: 19.12 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: BE100392.D
 Acq: 5 Jul 2019 21:36

Tgt Ion: 202 Resp: 7291
 Ion Ratio Lower Upper
 202 100
 101 5.1 4.6 7.0
 203 17.4 13.7 20.5

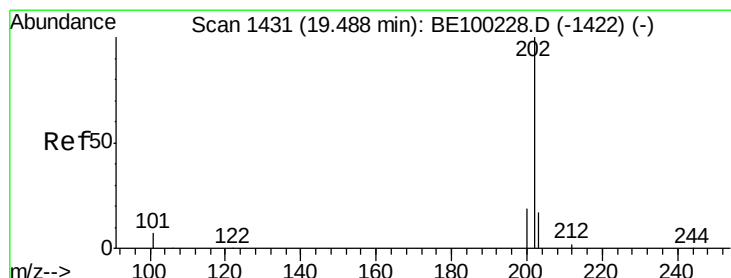
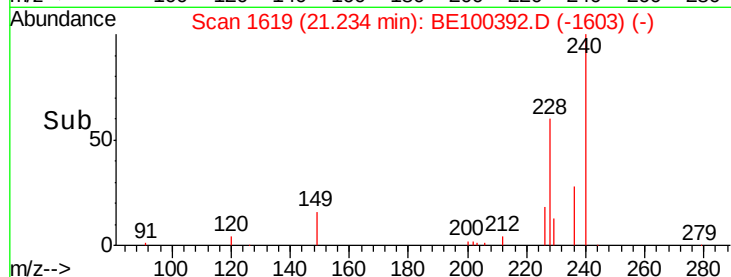
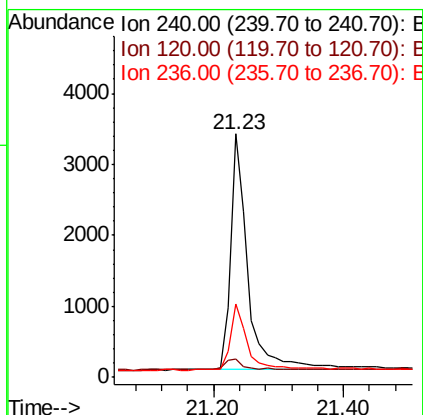
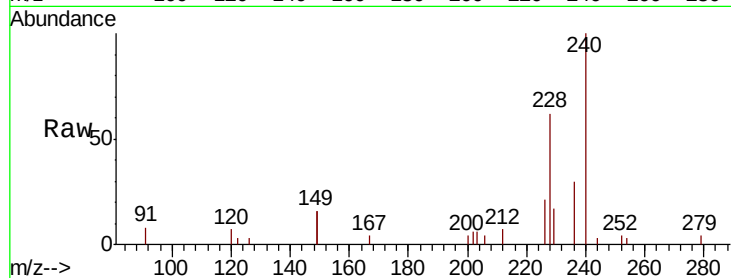




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BE100392.D
Acq: 5 Jul 2019 21:36

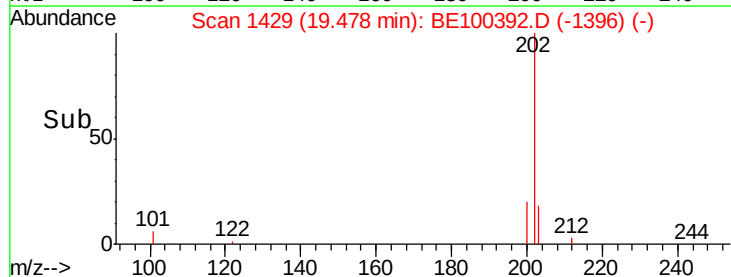
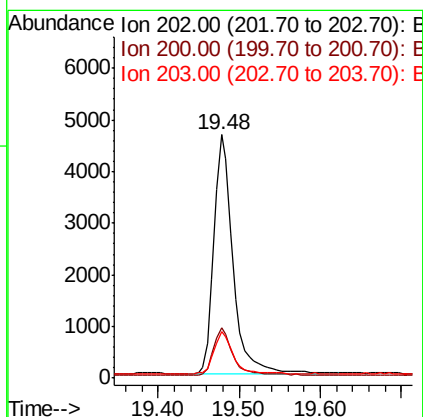
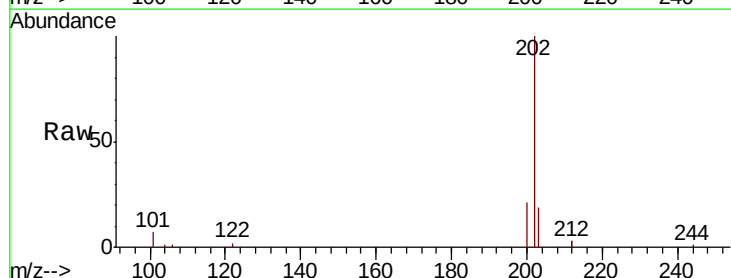
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

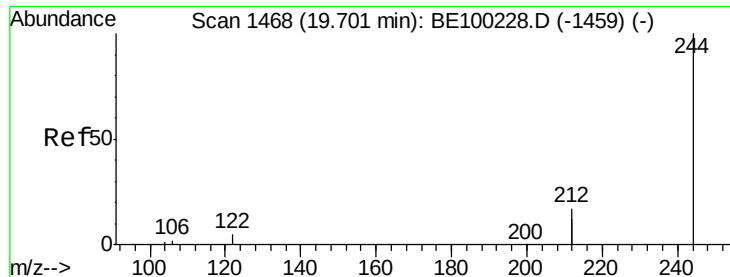
Tgt Ion:240 Resp: 6222
Ion Ratio Lower Upper
240 100
120 7.4 3.3 4.9#
236 29.9 22.6 34.0



#28
Pyrene
Concen: 0.462 ng
RT: 19.48 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BE100392.D
Acq: 5 Jul 2019 21:36

Tgt Ion:202 Resp: 7612
Ion Ratio Lower Upper
202 100
200 19.1 15.6 23.4
203 17.3 14.0 21.0

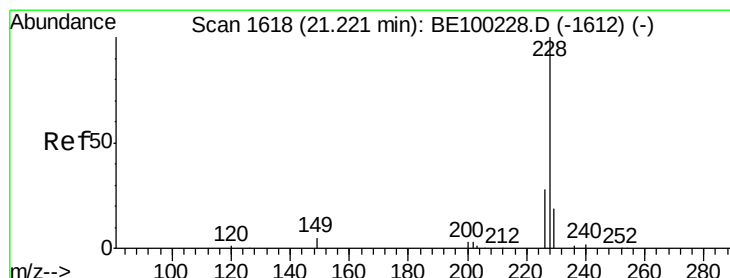
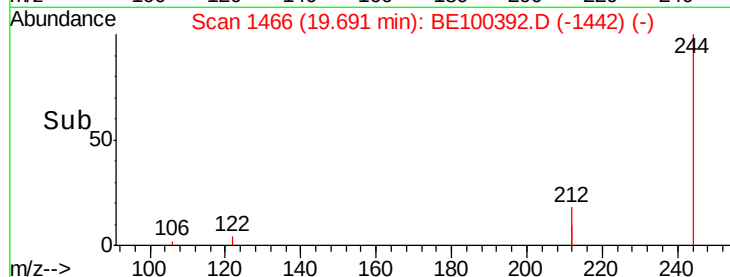
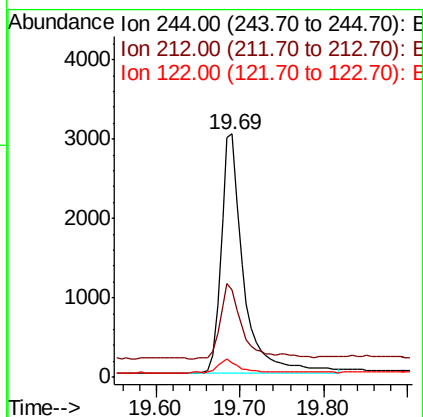
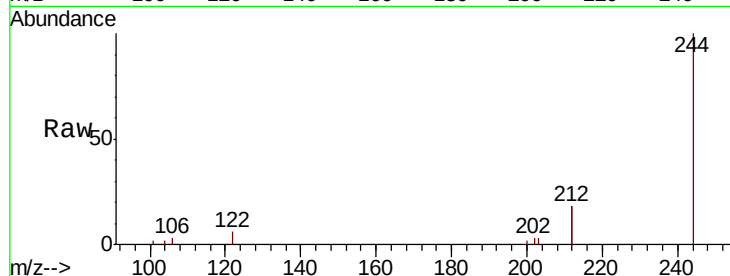




#29
 Terphenyl-d14
 Concen: 0.431 ng
 RT: 19.69 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BE100392.D
 Acq: 5 Jul 2019 21:36

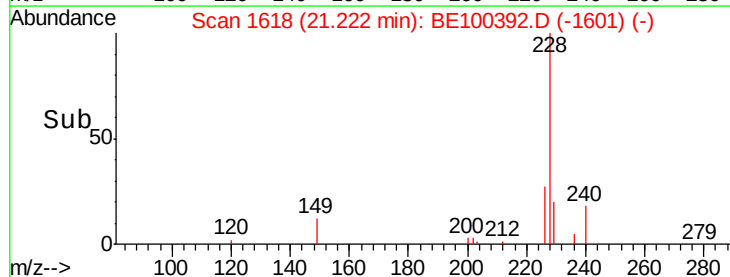
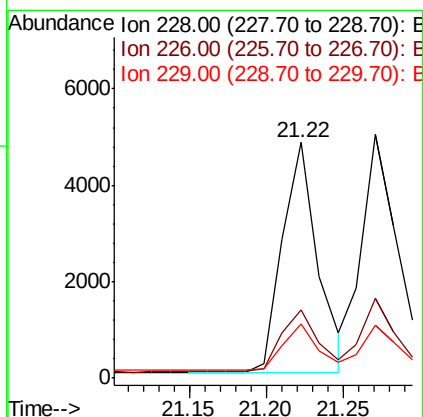
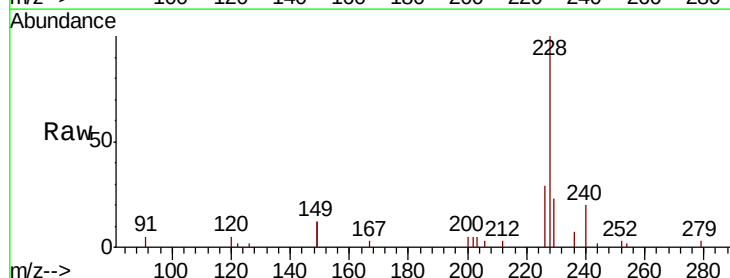
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

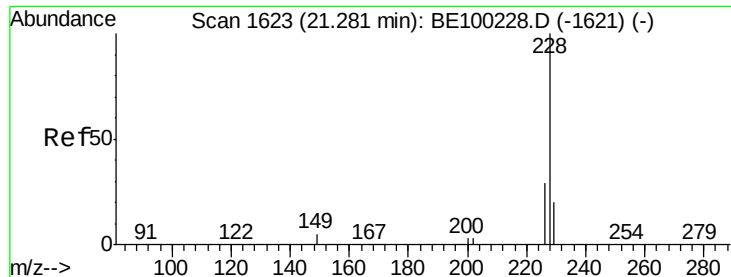
Tgt Ion: 244 Resp: 5563
 Ion Ratio Lower Upper
 244 100
 212 36.2 27.3 40.9
 122 6.2 4.7 7.1



#30
 Benzo(a)anthracene
 Concen: 0.377 ng
 RT: 21.22 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BE100392.D
 Acq: 5 Jul 2019 21:36

Tgt Ion: 228 Resp: 7703
 Ion Ratio Lower Upper
 228 100
 226 29.1 23.2 34.8
 229 22.9 15.7 23.5





#31

Chrysene

Concen: 0.391 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE100392.D

Acq: 5 Jul 2019 21:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

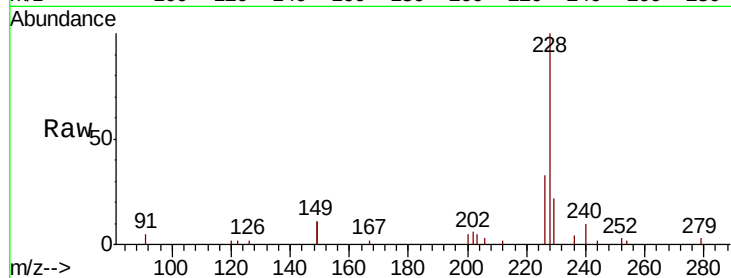
Tgt Ion:228 Resp: 8042

Ion Ratio Lower Upper

228 100

226 32.7 23.9 35.9

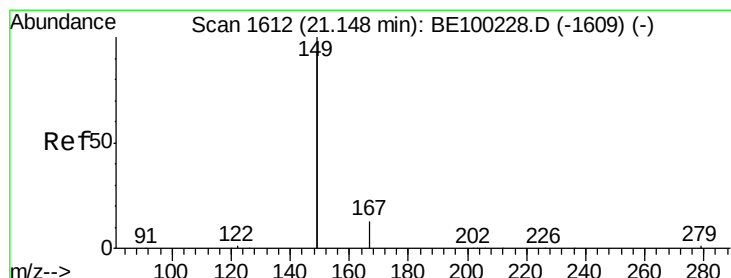
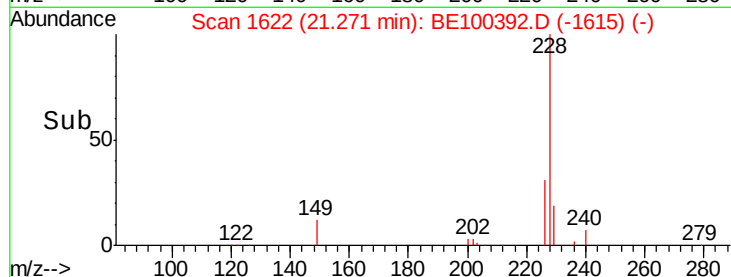
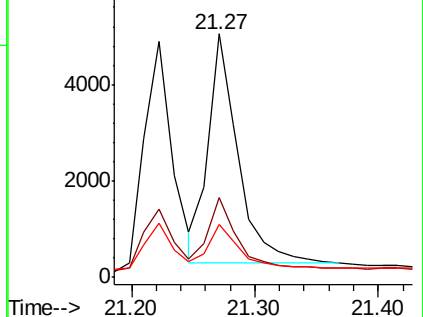
229 21.9 16.5 24.7



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: 0.445 ng

RT: 21.14 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BE100392.D

Acq: 5 Jul 2019 21:36

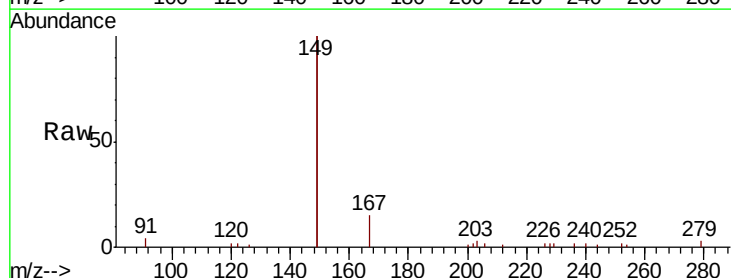
Tgt Ion:149 Resp: 14537

Ion Ratio Lower Upper

149 100

167 7.2 5.8 8.8

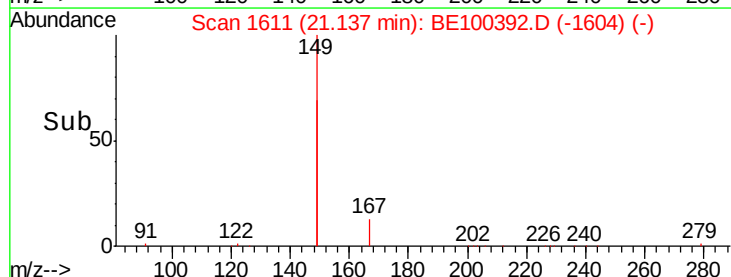
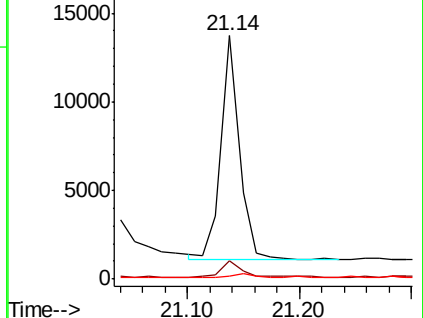
279 1.6 1.1 1.7

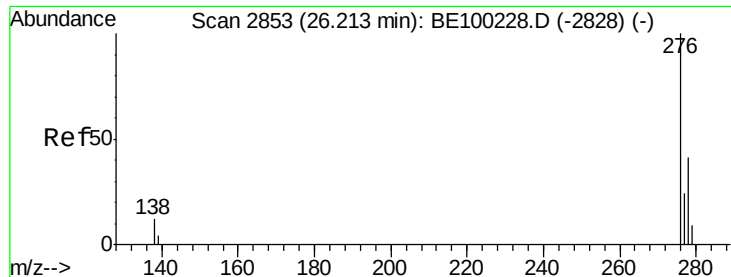


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.386 ng

RT: 26.22 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BE100392.D

Acq: 5 Jul 2019 21:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

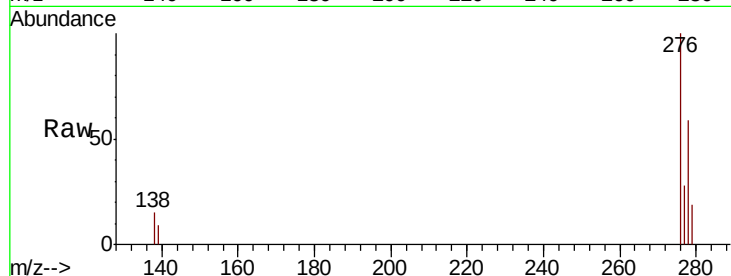
Tgt Ion:276 Resp: 10480

Ion Ratio Lower Upper

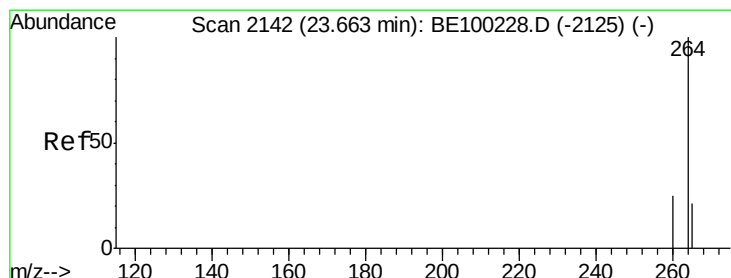
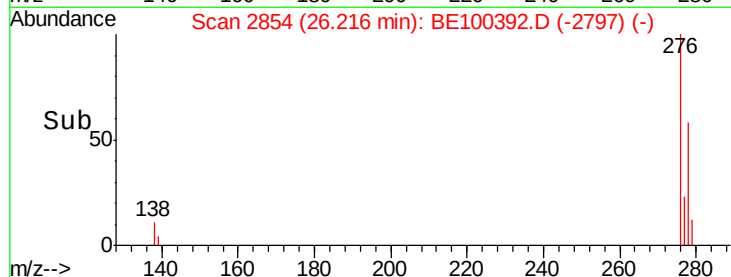
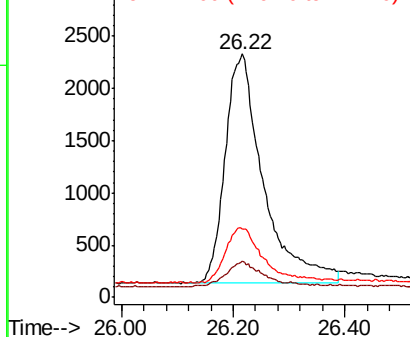
276 100

138 10.4 9.4 14.0

277 22.3 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: 23.66 min Scan# 2141

Delta R.T. -0.00 min

Lab File: BE100392.D

Acq: 5 Jul 2019 21:36

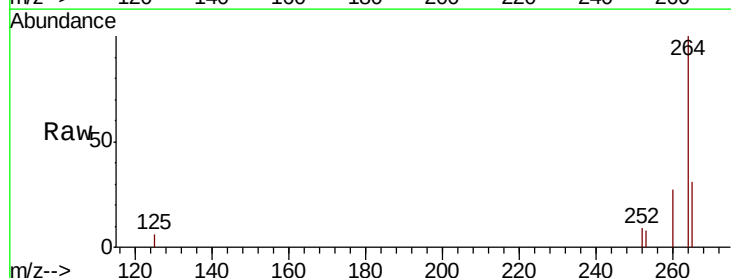
Tgt Ion:264 Resp: 7881

Ion Ratio Lower Upper

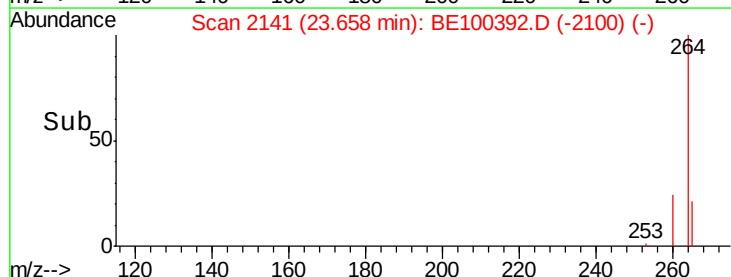
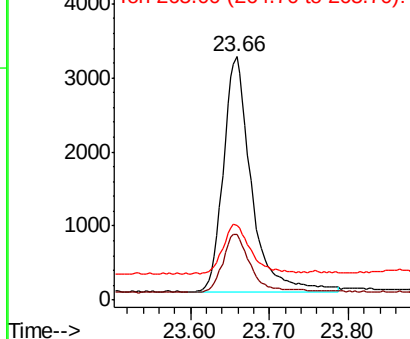
264 100

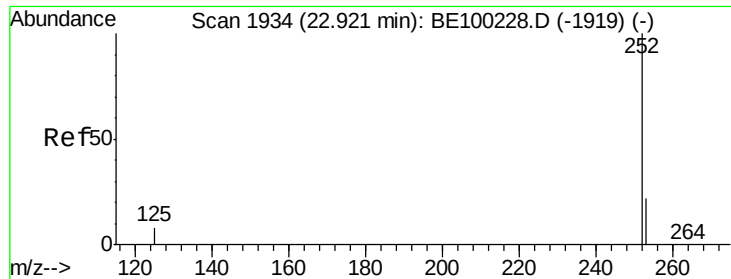
260 26.9 20.8 31.2

265 30.6 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

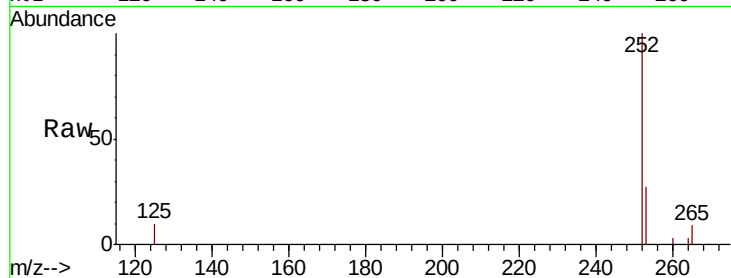




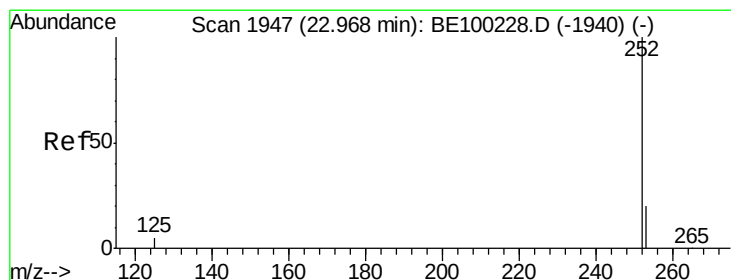
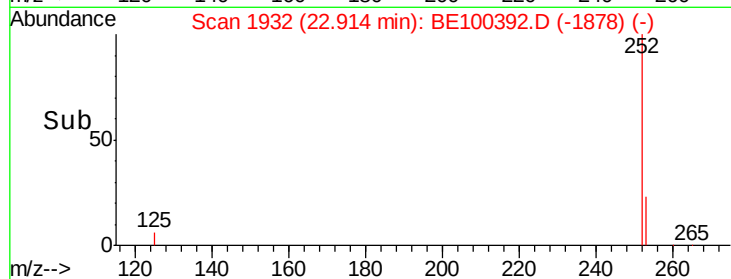
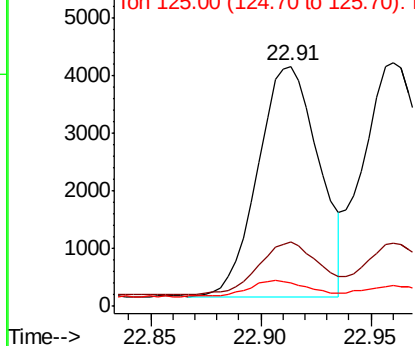
#35
Benzo(b)fluoranthene
Concen: 0.359 ng
RT: 22.91 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BE100392.D
Acq: 5 Jul 2019 21:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 7674
Ion Ratio Lower Upper
252 100
253 26.8 19.2 28.8
125 10.0 7.4 11.0

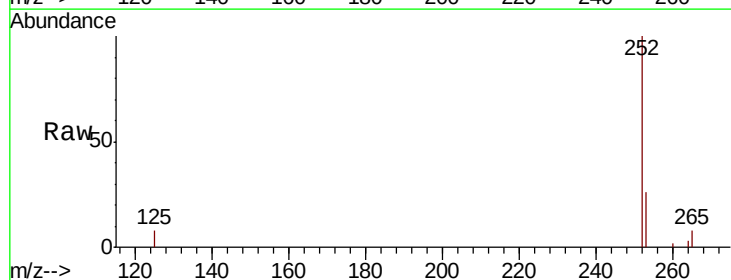


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

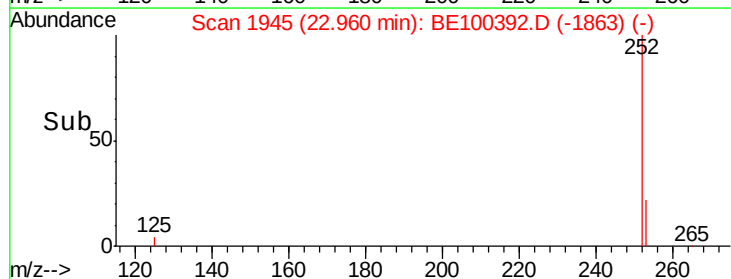
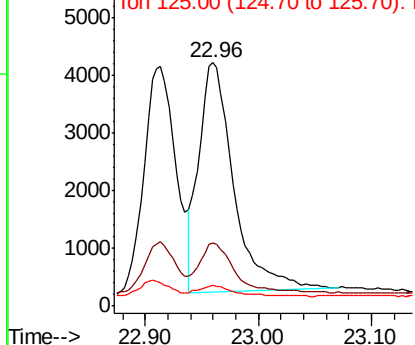


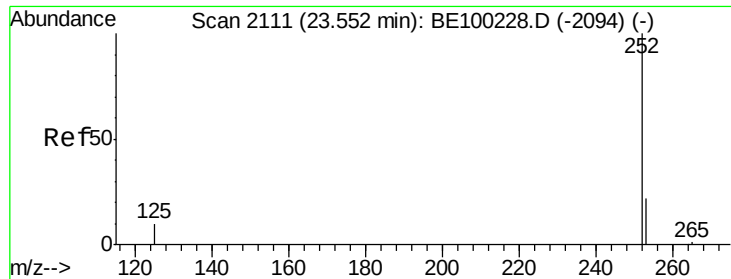
#36
Benzo(k)fluoranthene
Concen: 0.359 ng
RT: 22.96 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BE100392.D
Acq: 5 Jul 2019 21:36

Tgt Ion:252 Resp: 8555
Ion Ratio Lower Upper
252 100
253 25.8 17.9 26.9
125 8.4 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: 0.370 ng

RT: 23.55 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BE100392.D

Acq: 5 Jul 2019 21:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

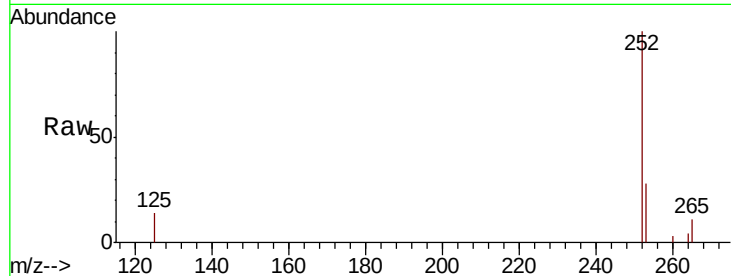
Tgt Ion: 252 Resp: 7916

Ion Ratio Lower Upper

252 100

253 27.9 19.6 29.4

125 14.0 9.0 13.6#

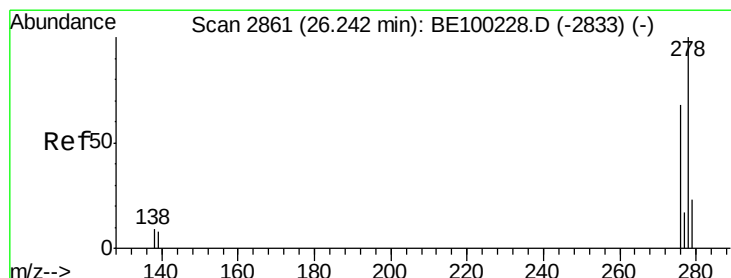
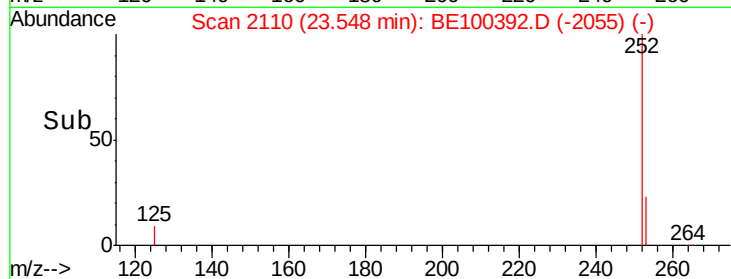
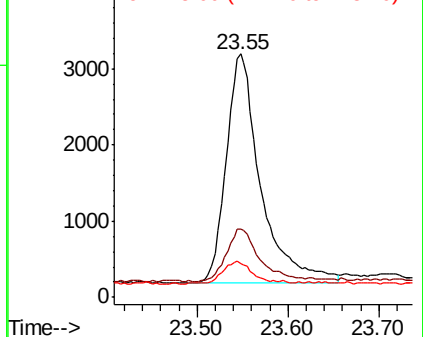


Abundance

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: 0.354 ng

RT: 26.23 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BE100392.D

Acq: 5 Jul 2019 21:36

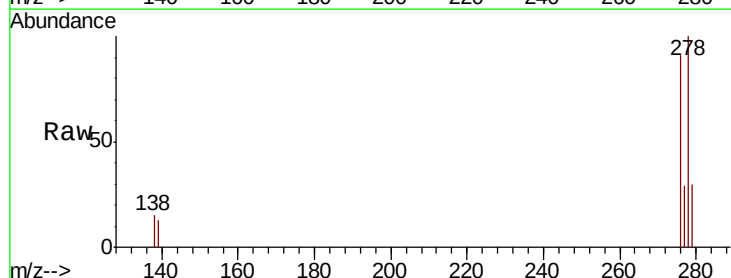
Tgt Ion: 278 Resp: 7928

Ion Ratio Lower Upper

278 100

139 12.9 8.2 12.2#

279 29.8 20.3 30.5

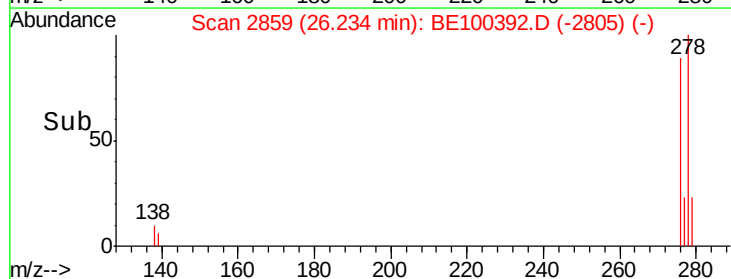
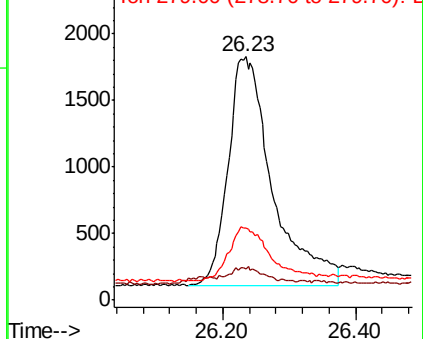


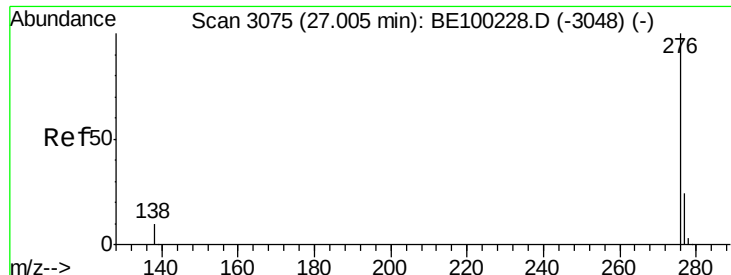
Abundance

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(g,h,i)perylene

Concen: 0.396 ng

RT: 27.00 min Scan# 3074

Delta R.T. -0.00 min

Lab File: BE100392.D

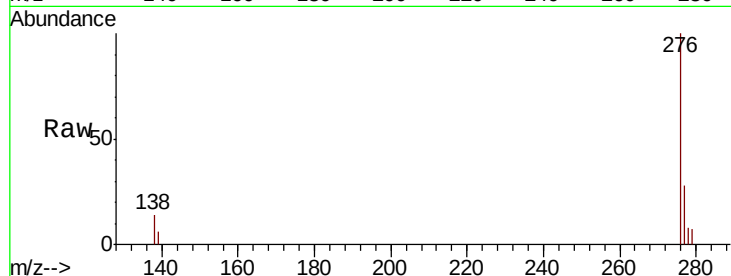
Acq: 5 Jul 2019 21:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 9089

Ion Ratio Lower Upper

276 100

277 28.1 20.2 30.2

138 13.6 9.0 13.6#

