

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062019\
 Data File : BE100105.D
 Acq On : 20 Jun 2019 13:03
 Operator : JU/SJ
 Sample : PB120491BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120491BS

Quant Time: Jun 21 01:43:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 15:07:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	368	0.40	ng	0.02
7) Naphthalene-d8	10.55	136	1497	0.40	ng	0.01
13) Acenaphthene-d10	14.43	164	1288	0.40	ng	0.01
19) Phenanthrene-d10	17.16	188	4489	0.40	ng	0.00
27) Chrysene-d12	21.35	240	7552	0.40	ng	0.01
34) Perylene-d12	23.84	264	7991	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	357	0.47	ng	0.00
5) Phenol-d6	6.97	99	337	0.32	ng	0.04
8) Nitrobenzene-d5	8.94	82	495	0.34	ng	0.03
11) 2-Methylnaphthalene-d10	12.17	152	1180	0.41	ng	0.01
14) 2,4,6-Tribromophenol	15.93	330	292	0.41	ng	0.01
15) 2-Fluorobiphenyl	13.06	172	2092	0.41	ng	0.01
25) Fluoranthene-d10	19.20	212	26142	0.41	ng	0.00
29) Terphenyl-d14	19.81	244	5197	0.34	ng	0.00

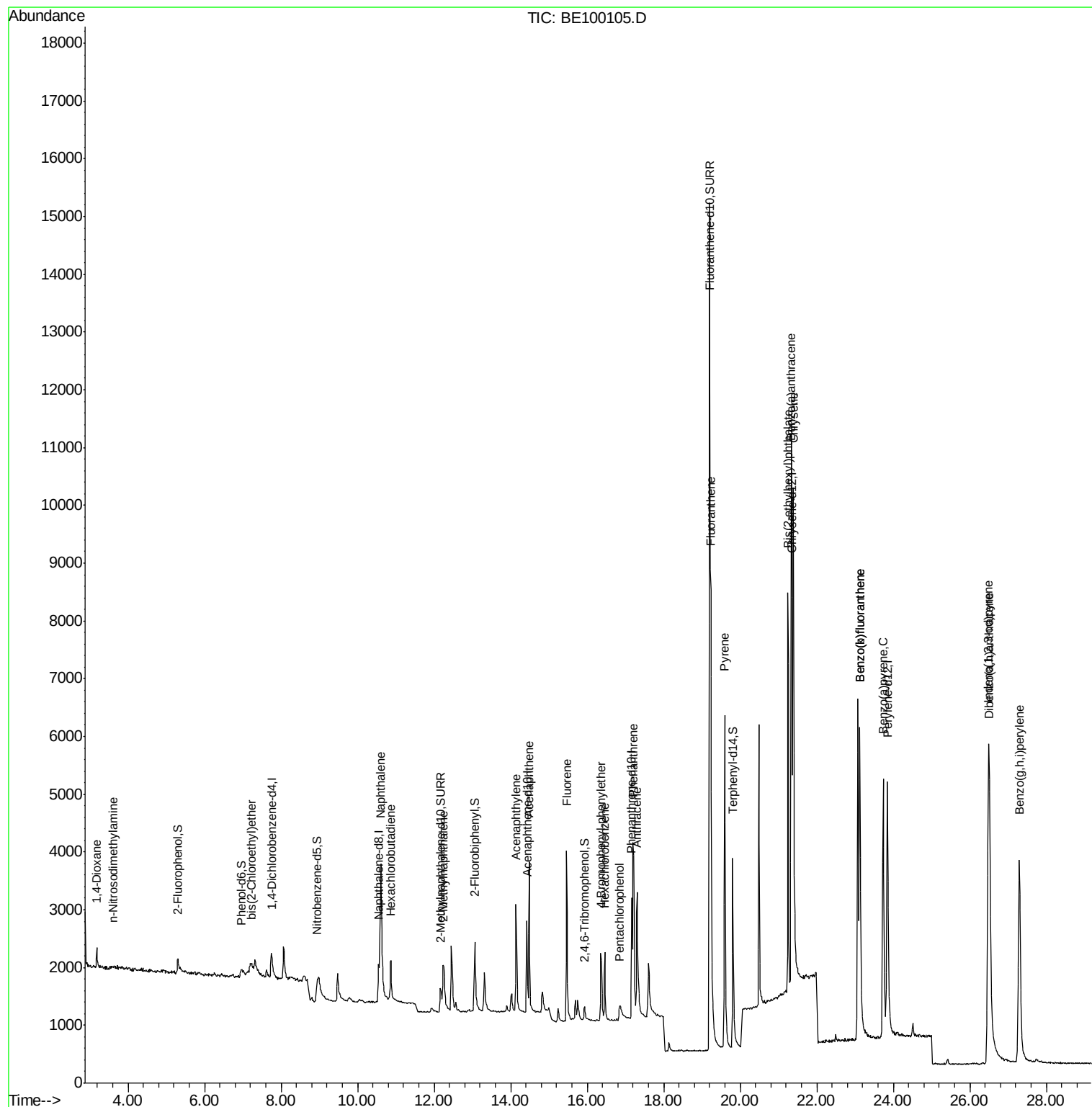
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	263	0.445	ng	97
3) n-Nitrosodimethylamine	3.62	42	19	0.390	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	387	0.391	ng	77
9) Naphthalene	10.60	128	6694	0.411	ng	99
10) Hexachlorobutadiene	10.87	225	617	0.386	ng	100
12) 2-Methylnaphthalene	12.25	142	1104	0.413	ng	98
16) Acenaphthylene	14.14	152	2692	0.440	ng	99
17) Acenaphthene	14.49	154	1421	0.416	ng	97
18) Fluorene	15.46	166	2304	0.453	ng	98
20) 4-Bromophenyl-phenylether	16.36	248	1079	0.404	ng	89
21) Hexachlorobenzene	16.47	284	1133	0.385	ng	96
22) Pentachlorophenol	16.85	266	481	0.745	ng	90
23) Phenanthrene	17.20	178	4477	0.416	ng	97
24) Anthracene	17.31	178	3553	0.392	ng	99
26) Fluoranthene	19.23	202	7457	0.432	ng	99
28) Pyrene	19.59	202	7629	0.393	ng	100
30) Benzo(a)anthracene	21.33	228	8884	0.395	ng	98
31) Chrysene	21.39	228	9766	0.374	ng	99
32) Bis(2-ethylhexyl)phthalate	21.24	149	9941	0.469	ng	100
33) Indeno(1,2,3-cd)pyrene	26.49	276	12052	0.410	ng	# 95
35) Benzo(b)fluoranthene	23.13	252	10160	0.433	ng	98
36) Benzo(k)fluoranthene	23.13	252	10160	0.381	ng	99
37) Benzo(a)pyrene	23.73	252	9430	0.417	ng	# 96
38) Dibenzo(a,h)anthracene	26.51	278	9267	0.399	ng	100
39) Benzo(g,h,i)perylene	27.29	276	10250	0.425	ng	98

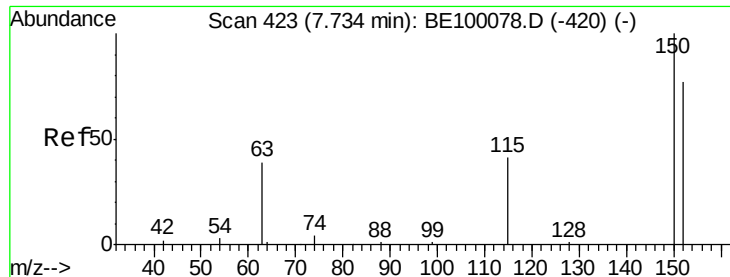
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.75 min Scan# 424

Delta R.T. 0.02 min

Lab File: BE100105.D

Acq: 20 Jun 2019 13:03

Instrument :

BNA_E

ClientSampleId :

PB120491BS

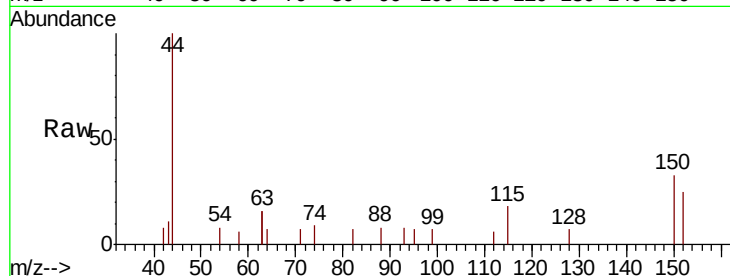
Tgt Ion:152 Resp: 368

Ion Ratio Lower Upper

152 100

150 132.4 99.8 149.8

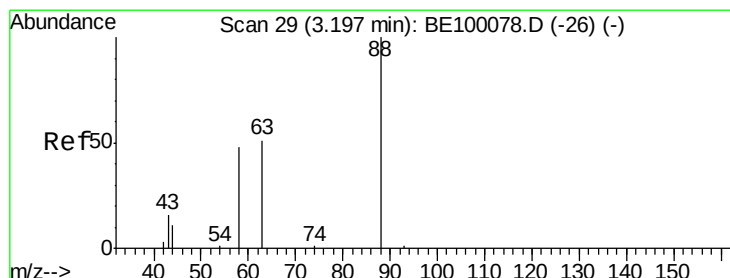
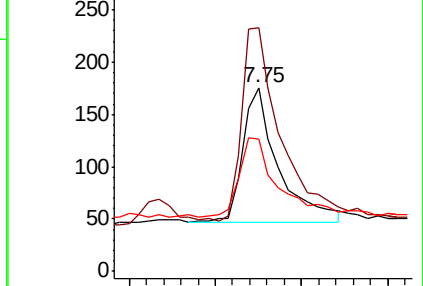
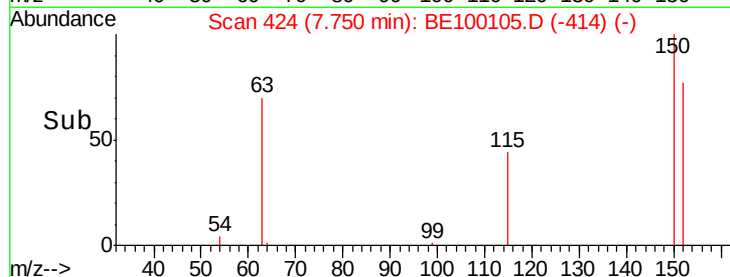
115 71.6 51.3 76.9



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: 0.445 ng

RT: 3.19 min Scan# 28

Delta R.T. -0.01 min

Lab File: BE100105.D

Acq: 20 Jun 2019 13:03

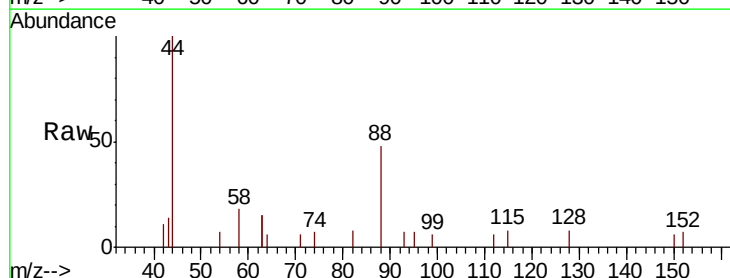
Tgt Ion: 88 Resp: 263

Ion Ratio Lower Upper

88 100

58 60.5 51.1 76.7

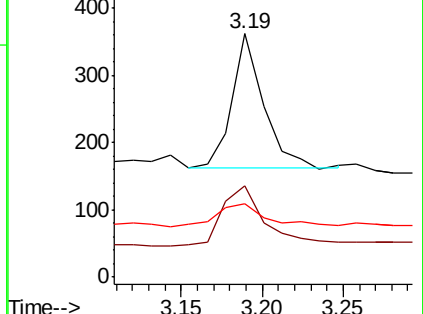
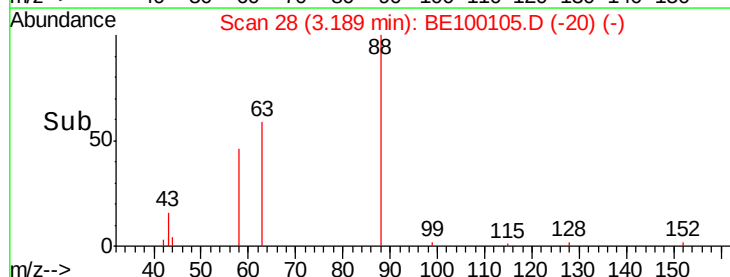
43 27.4 21.7 32.5

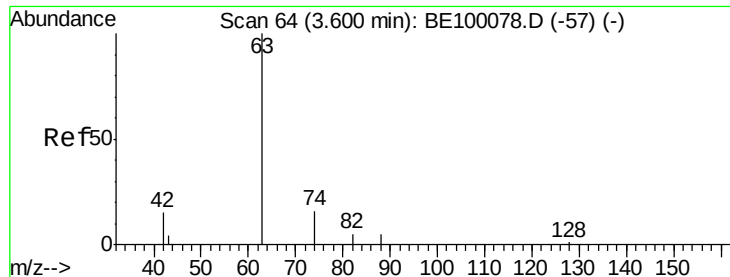


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.390 ng

RT: 3.62 min Scan# 65

Delta R.T. 0.02 min

Lab File: BE100105.D

Acq: 20 Jun 2019 13:03

Instrument :

BNA_E

ClientSampleId :

PB120491BS

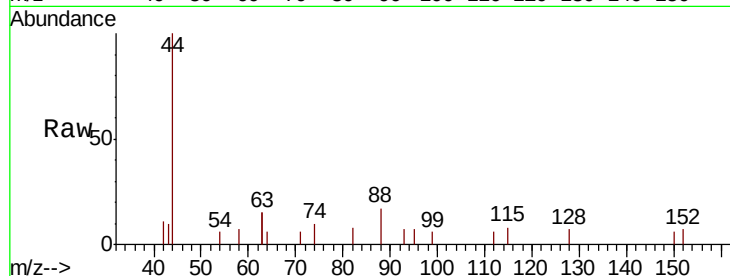
Tgt Ion: 42 Resp: 19

Ion Ratio Lower Upper

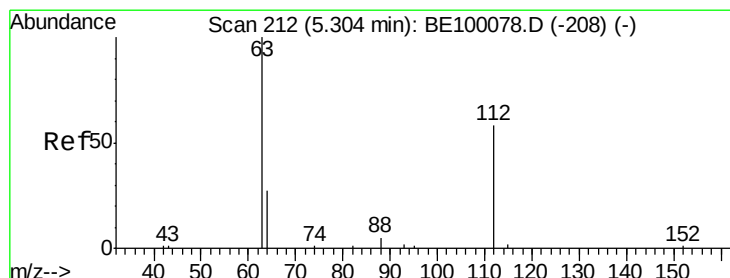
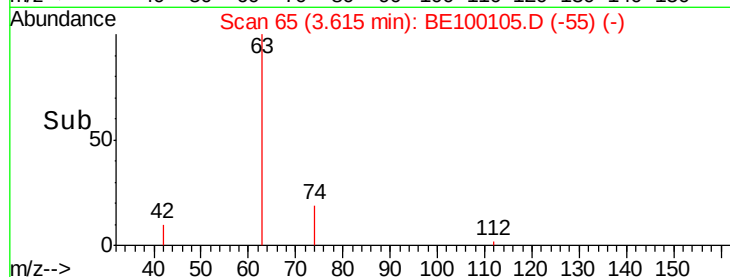
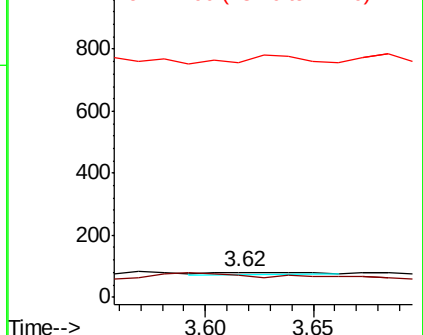
42 100

74 0.0 0.0 0.0

44 305.3 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.467 ng

RT: 5.31 min Scan# 212

Delta R.T. 0.00 min

Lab File: BE100105.D

Acq: 20 Jun 2019 13:03

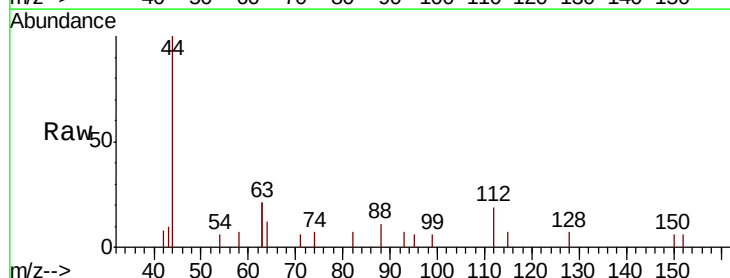
Tgt Ion: 112 Resp: 357

Ion Ratio Lower Upper

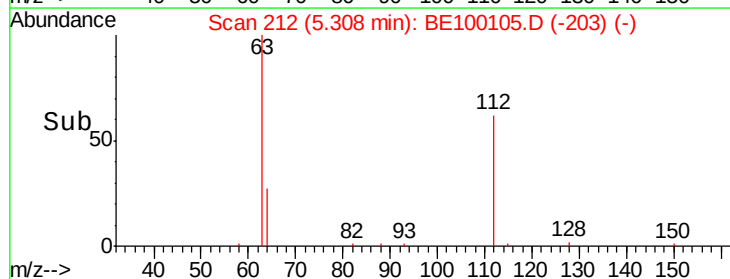
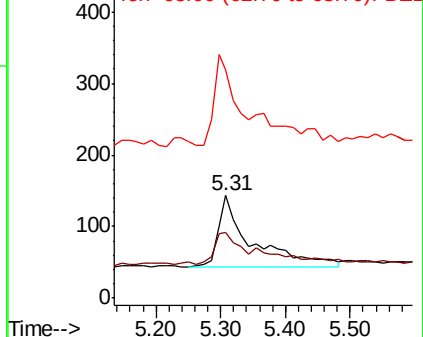
112 100

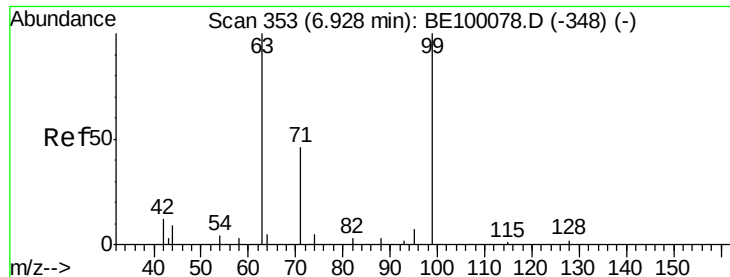
64 30.8 22.0 33.0

63 131.7 121.8 182.6



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: 0.321 ng

RT: 6.97 min Scan# 356

Delta R.T. 0.04 min

Lab File: BE100105.D

Acq: 20 Jun 2019 13:03

Instrument :

BNA_E

ClientSampleId :

PB120491BS

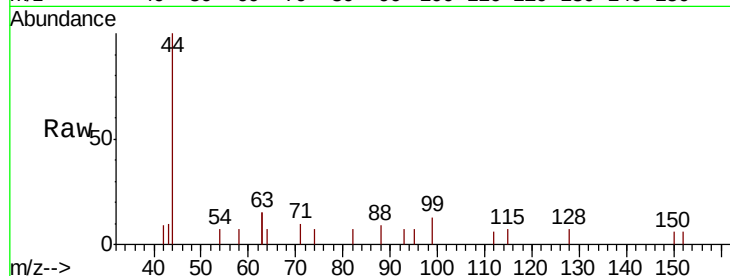
Tgt Ion: 99 Resp: 337

Ion Ratio Lower Upper

99 100

42 13.4 0.0 0.0#

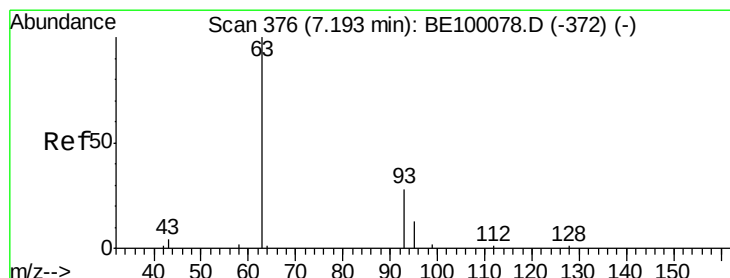
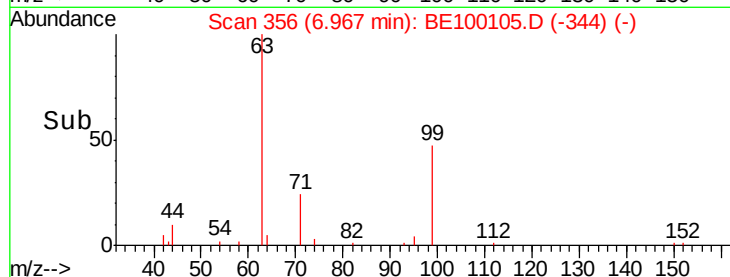
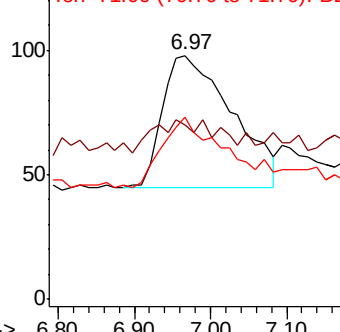
71 49.9 37.6 56.4



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: 0.391 ng

RT: 7.22 min Scan# 378

Delta R.T. 0.03 min

Lab File: BE100105.D

Acq: 20 Jun 2019 13:03

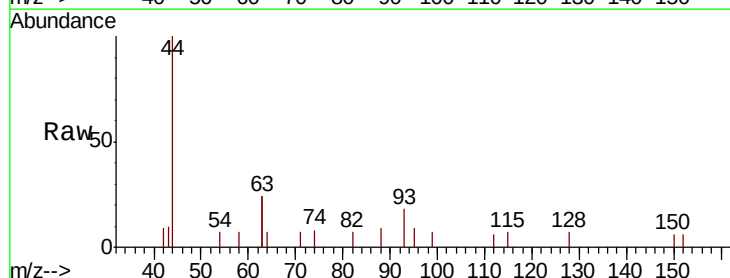
Tgt Ion: 93 Resp: 387

Ion Ratio Lower Upper

93 100

63 206.5 200.0 300.0

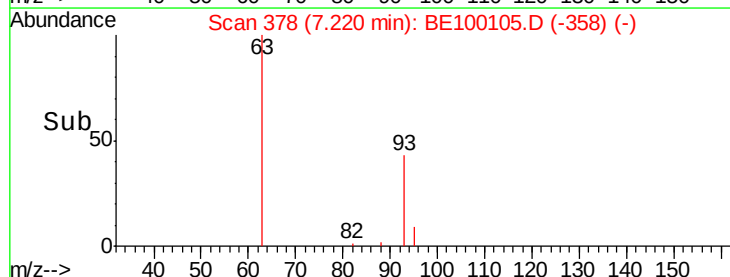
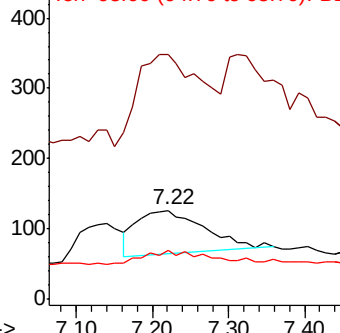
95 26.4 24.0 36.0

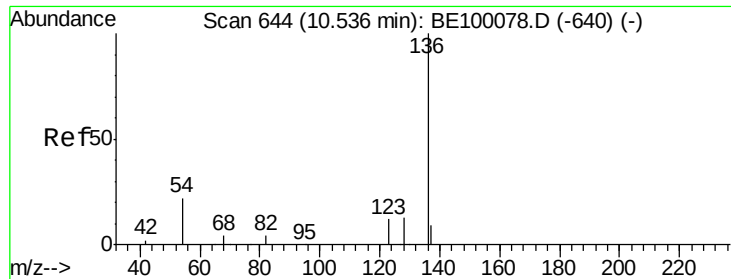


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.55 min Scan# 645

Delta R.T. 0.01 min

Lab File: BE100105.D

Acq: 20 Jun 2019 13:03

Instrument :

BNA_E

ClientSampleId :

PB120491BS

Tgt Ion: 136 Resp: 1497

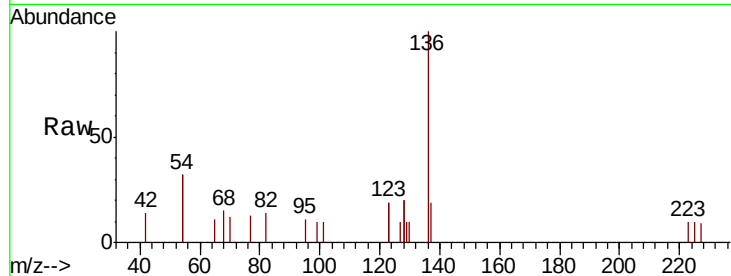
Ion Ratio Lower Upper

136 100

137 19.4 11.6 17.4#

54 63.0 33.9 50.9#

68 15.0 7.8 11.8#

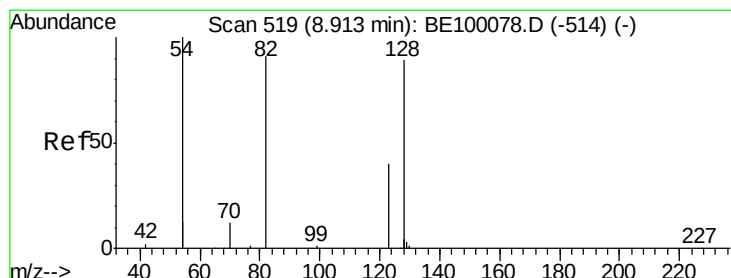
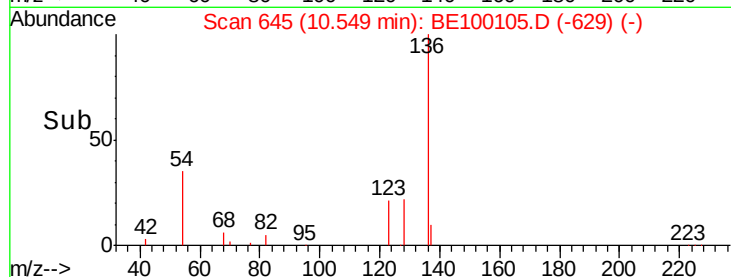
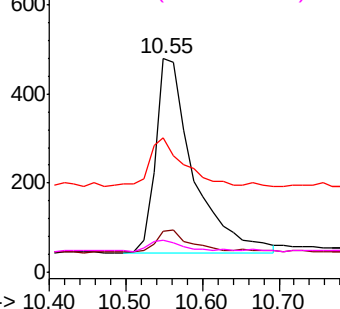


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.341 ng

RT: 8.94 min Scan# 521

Delta R.T. 0.03 min

Lab File: BE100105.D

Acq: 20 Jun 2019 13:03

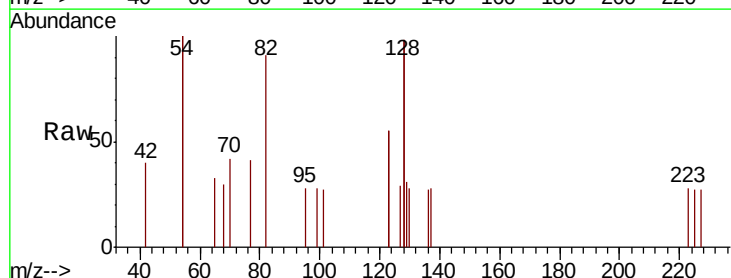
Tgt Ion: 82 Resp: 495

Ion Ratio Lower Upper

82 100

128 215.9 128.0 192.0#

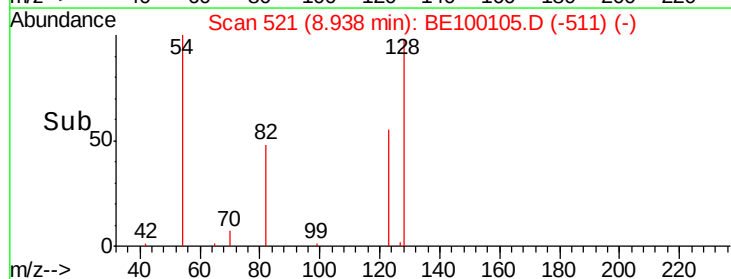
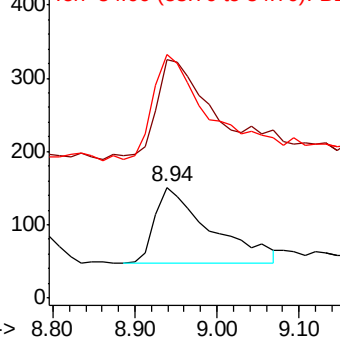
54 219.9 143.4 215.0#

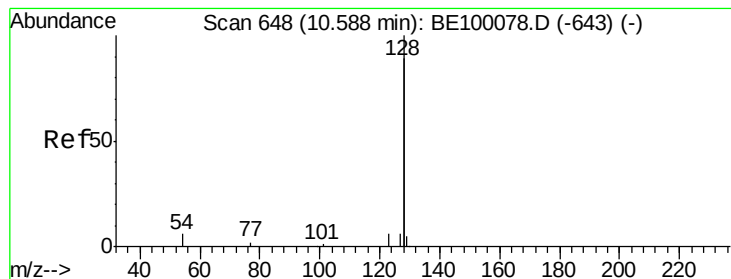


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.411 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE100105.D

Acq: 20 Jun 2019 13:03

Instrument :

BNA_E

ClientSampleId :

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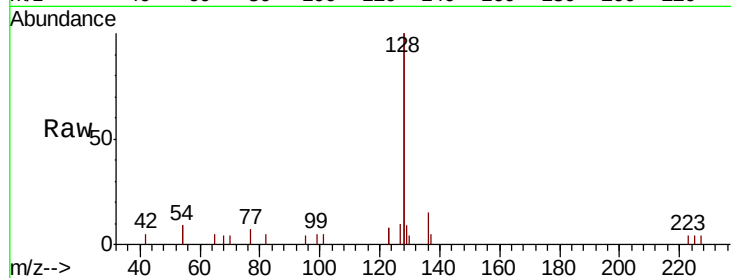
Tgt Ion:128 Resp: 6694

Ion Ratio Lower Upper

128 100

129 4.4 3.1 4.7

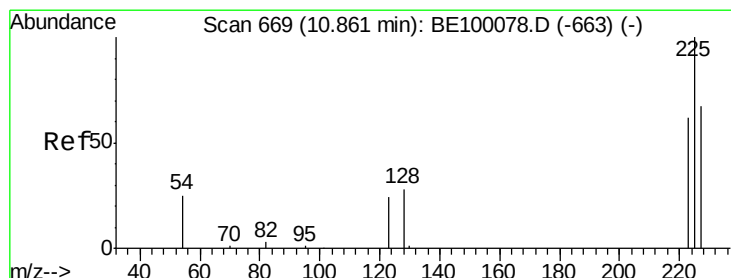
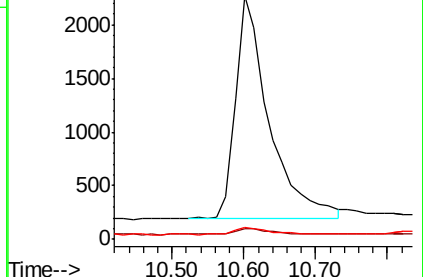
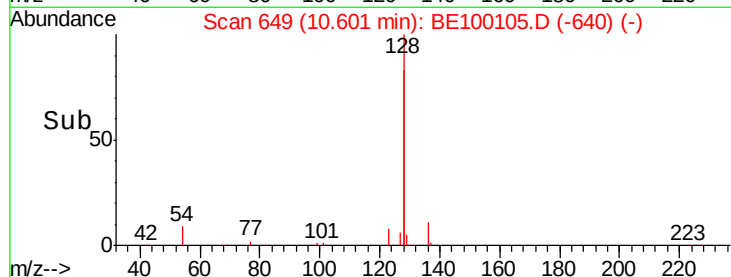
127 4.8 3.4 5.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.386 ng

RT: 10.87 min Scan# 670

Delta R.T. 0.01 min

Lab File: BE100105.D

Acq: 20 Jun 2019 13:03

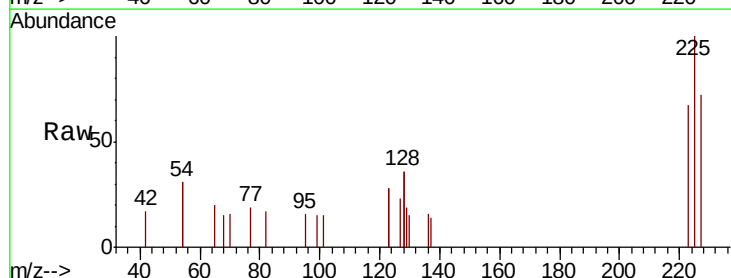
Tgt Ion:225 Resp: 617

Ion Ratio Lower Upper

225 100

223 64.7 52.2 78.4

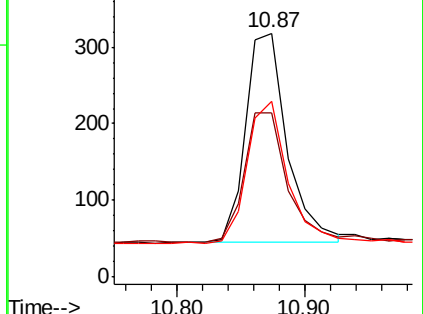
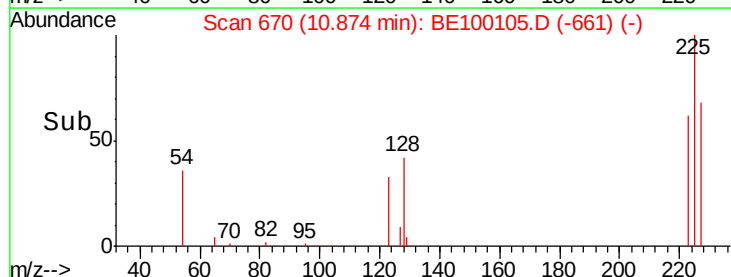
227 66.3 53.0 79.6

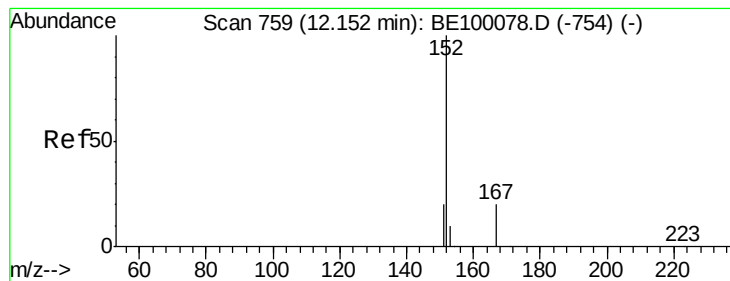


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

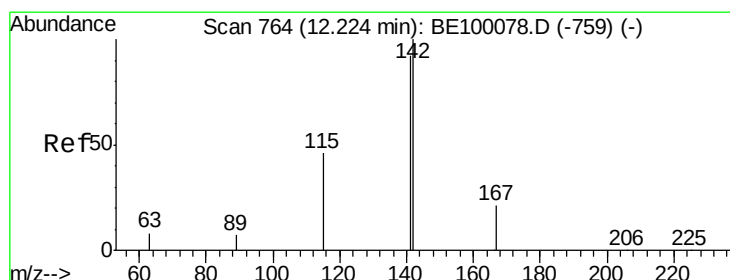
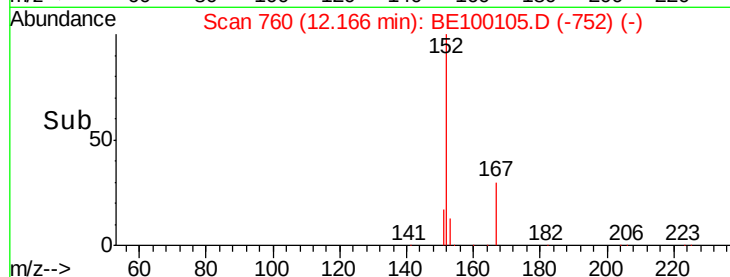
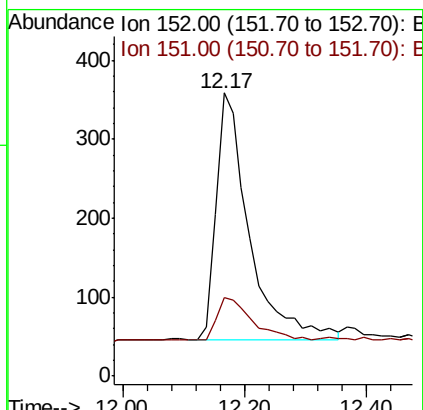
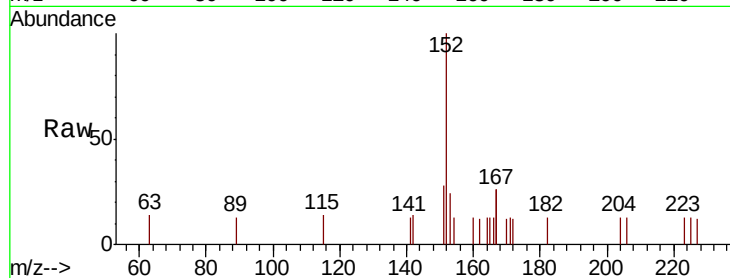




#11
 2-Methylnaphthalene-d10
 Concen: 0.414 ng
 RT: 12.17 min Scan# 760
 Delta R.T. 0.01 min
 Lab File: BE100105.D
 Acq: 20 Jun 2019 13:03

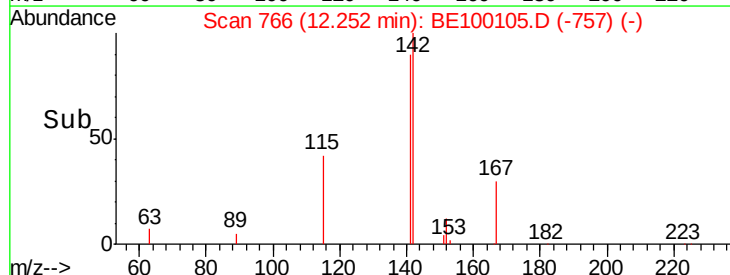
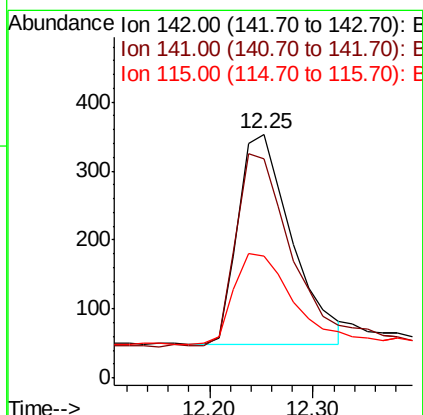
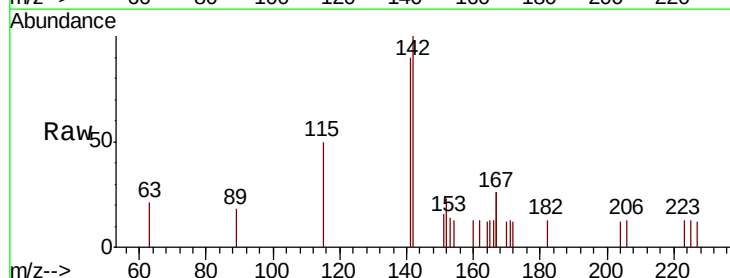
Instrument :
 BNA_E
 ClientSampleId :
 PB120491BS

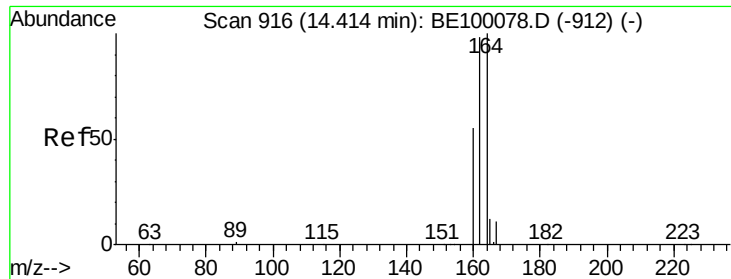
Tgt Ion:152 Resp: 1180
 Ion Ratio Lower Upper
 152 100
 151 18.7 16.3 24.5



#12
 2-Methylnaphthalene
 Concen: 0.413 ng
 RT: 12.25 min Scan# 766
 Delta R.T. 0.03 min
 Lab File: BE100105.D
 Acq: 20 Jun 2019 13:03

Tgt Ion:142 Resp: 1104
 Ion Ratio Lower Upper
 142 100
 141 90.1 74.1 111.1
 115 49.9 40.9 61.3

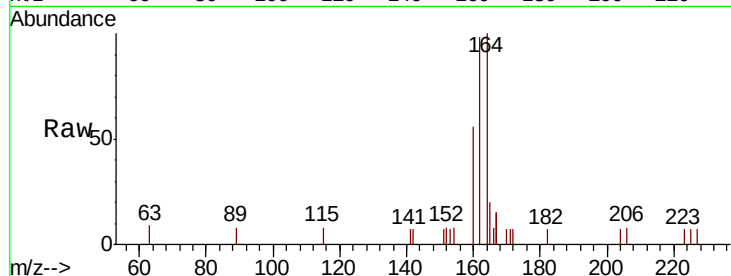




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.43 min Scan# 917
 Delta R.T. 0.01 min
 Lab File: BE100105.D
 Acq: 20 Jun 2019 13:03

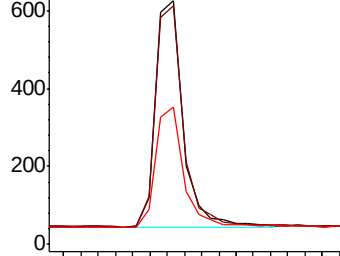
Instrument :
 BNA_E
 ClientSampleId :
 PB120491BS

Tgt Ion:164 Resp: 1288
 Ion Ratio Lower Upper
 164 100
 162 97.8 78.2 117.2
 160 56.5 45.6 68.4

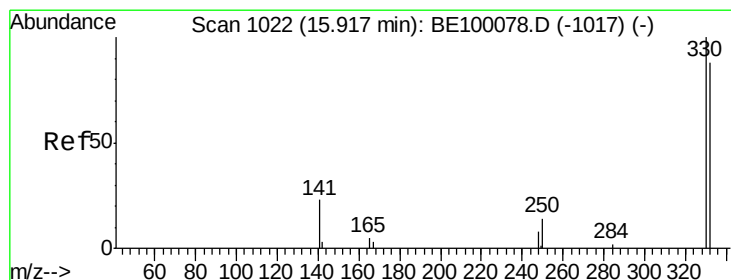
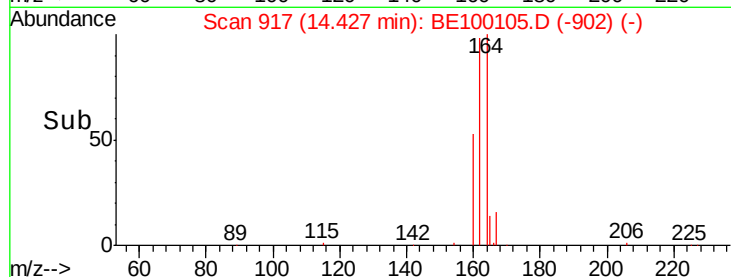


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

14.43

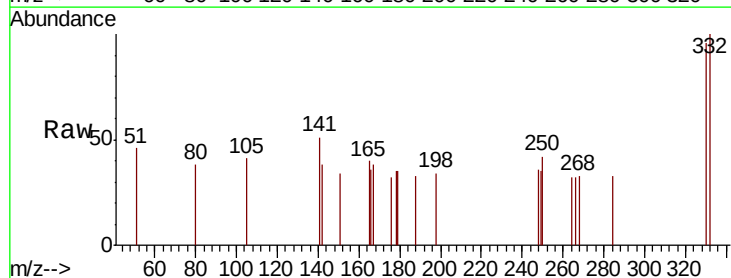


Time--> 14.30 14.40 14.50



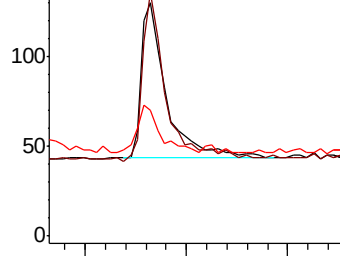
#14
 2,4,6-Tribromophenol
 Concen: 0.411 ng
 RT: 15.93 min Scan# 1023
 Delta R.T. 0.01 min
 Lab File: BE100105.D
 Acq: 20 Jun 2019 13:03

Tgt Ion:330 Resp: 292
 Ion Ratio Lower Upper
 330 100
 332 104.5 73.3 109.9
 141 27.1 22.2 33.2

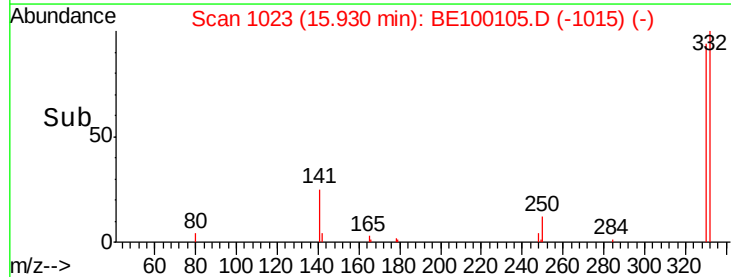


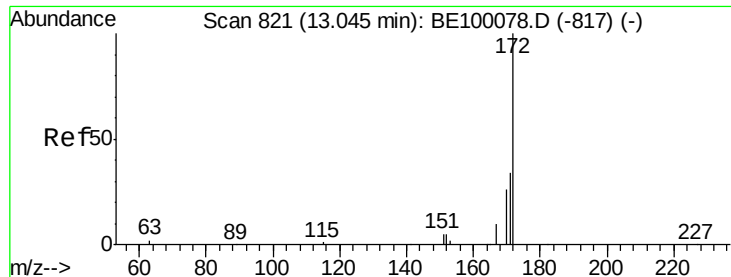
Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

15.93



Time--> 15.80 16.00 16.20

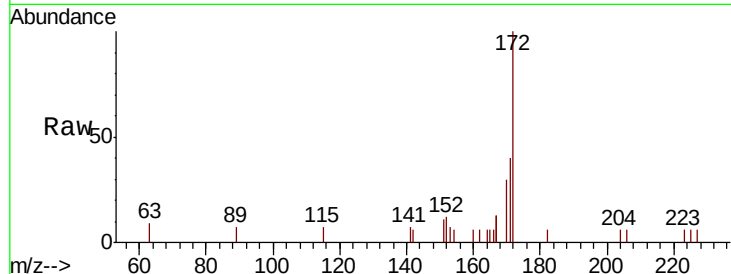




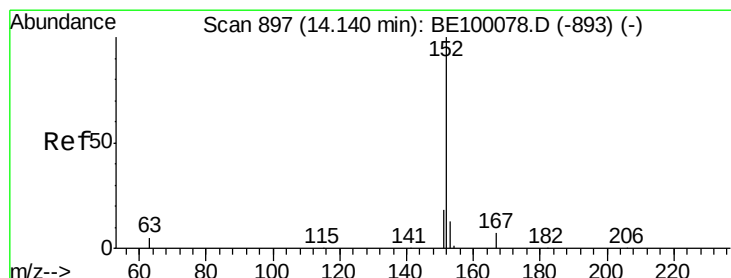
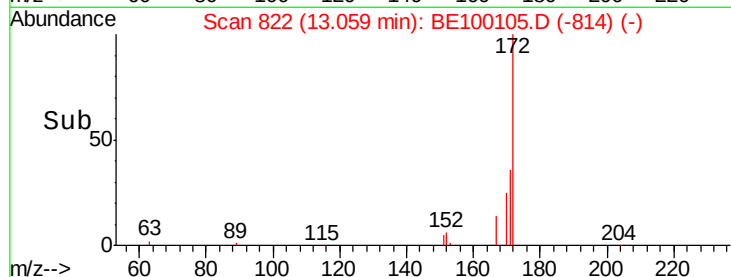
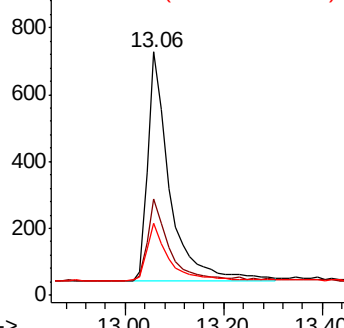
#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 13.06 min Scan# 822
Delta R.T. 0.01 min
Lab File: BE100105.D
Acq: 20 Jun 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PB120491BS

Tgt Ion:172 Resp: 2092
Ion Ratio Lower Upper
172 100
171 39.6 29.8 44.8
170 29.5 23.2 34.8

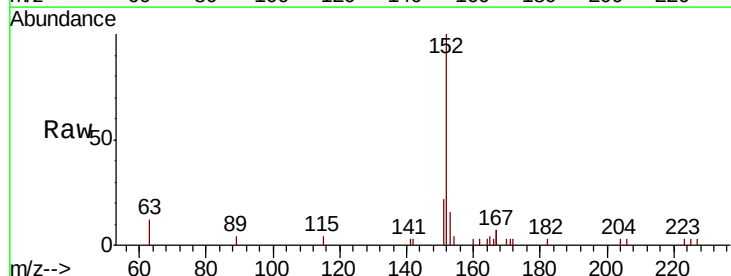


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

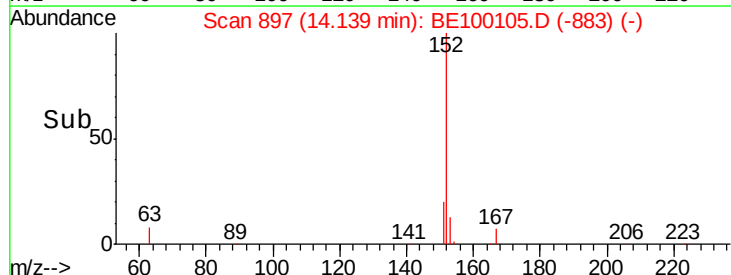
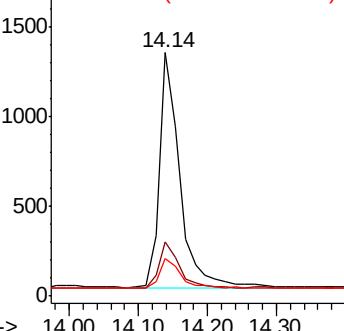


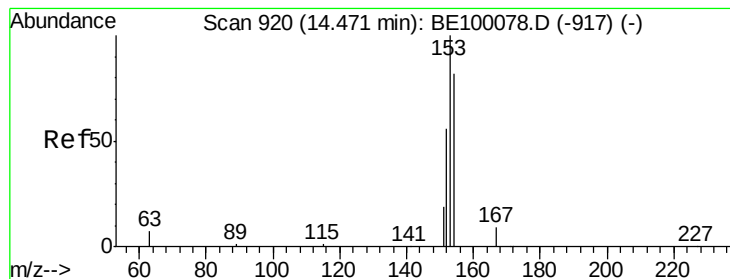
#16
Acenaphthylene
Concen: 0.440 ng
RT: 14.14 min Scan# 897
Delta R.T. -0.00 min
Lab File: BE100105.D
Acq: 20 Jun 2019 13:03

Tgt Ion:152 Resp: 2692
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.0 10.1 15.1



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: 0.416 ng

RT: 14.49 min Scan# 921

Delta R.T. 0.01 min

Lab File: BE100105.D

Acq: 20 Jun 2019 13:03

Instrument :

BNA_E

ClientSampleId :

PB120491BS

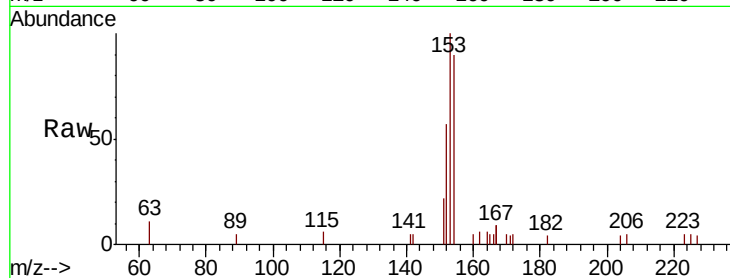
Tgt Ion:154 Resp: 1421

Ion Ratio Lower Upper

154 100

153 117.6 95.5 143.3

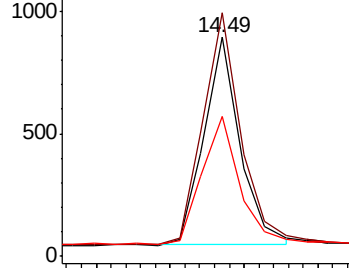
152 63.8 54.9 82.3



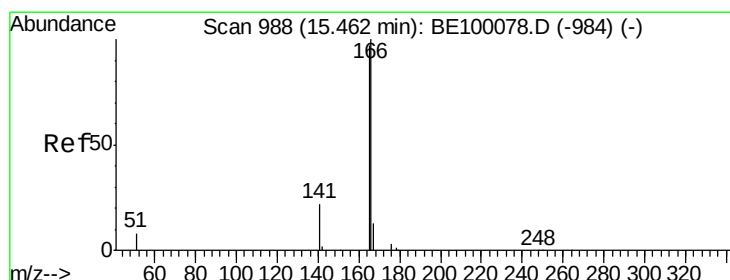
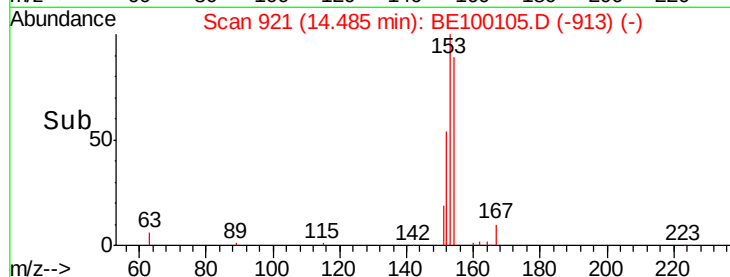
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#18

Fluorene

Concen: 0.453 ng

RT: 15.46 min Scan# 988

Delta R.T. -0.00 min

Lab File: BE100105.D

Acq: 20 Jun 2019 13:03

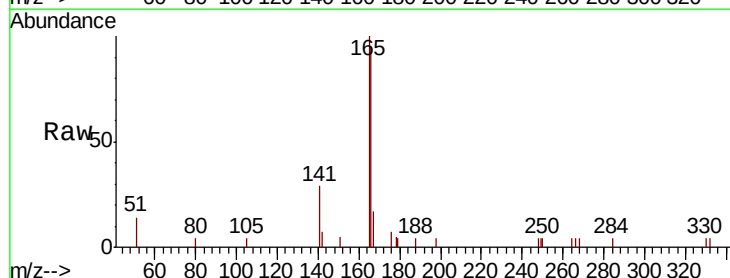
Tgt Ion:166 Resp: 2304

Ion Ratio Lower Upper

166 100

165 102.0 79.8 119.8

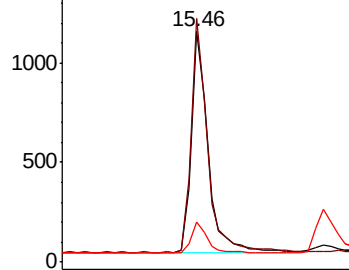
167 13.1 10.2 15.4



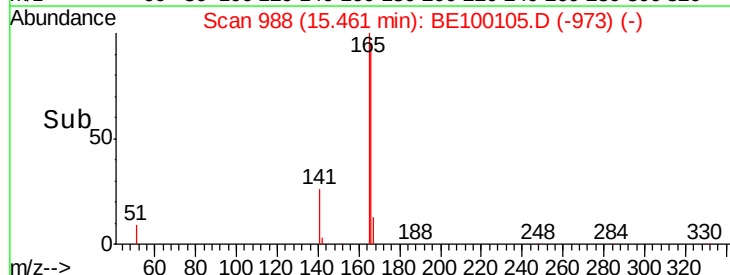
Abundance Ion 166.00 (165.70 to 166.70): E

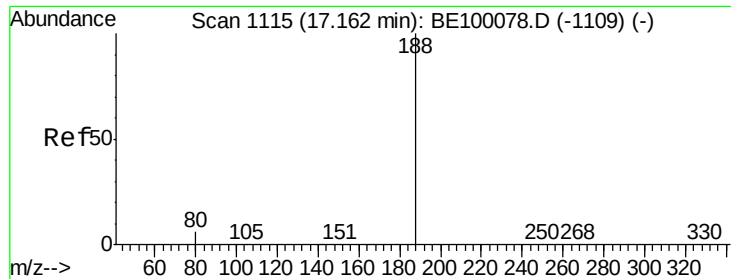
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE100105.D

Acq: 20 Jun 2019 13:03

Instrument :

BNA_E

ClientSampleId :

PB120491BS

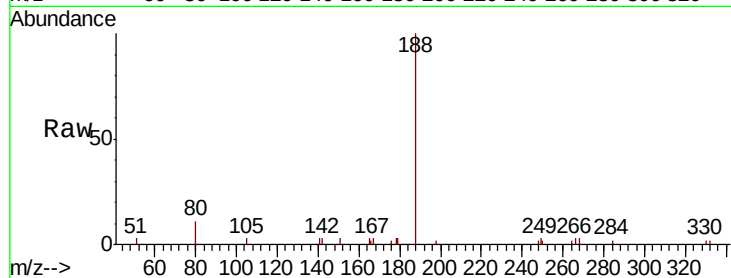
Tgt Ion:188 Resp: 4489

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

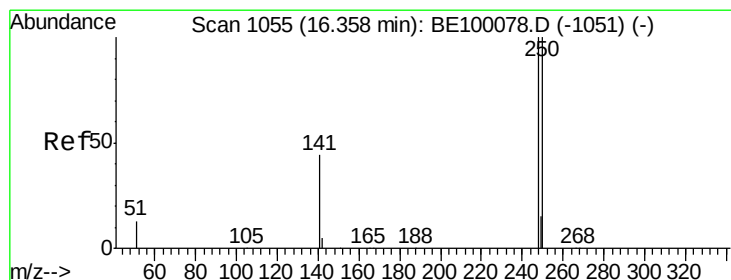
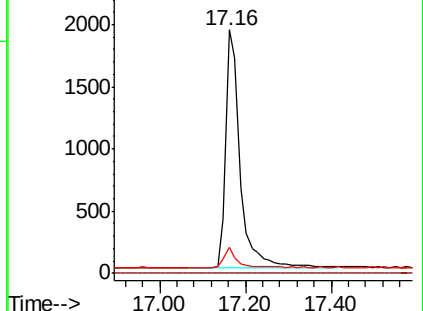
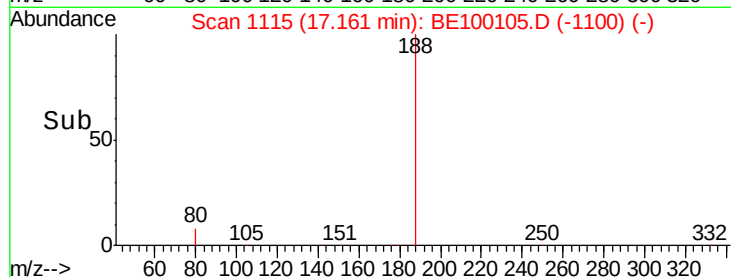
80 10.6 6.3 9.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.404 ng

RT: 16.36 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BE100105.D

Acq: 20 Jun 2019 13:03

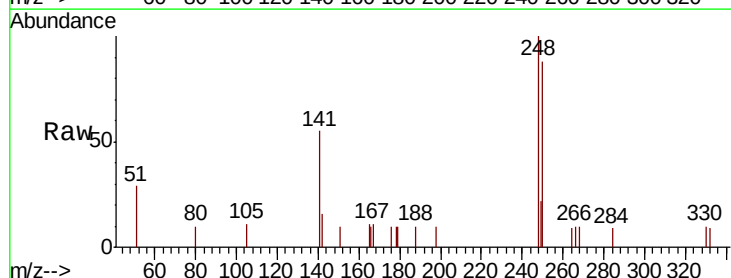
Tgt Ion:248 Resp: 1079

Ion Ratio Lower Upper

248 100

250 88.4 80.6 120.8

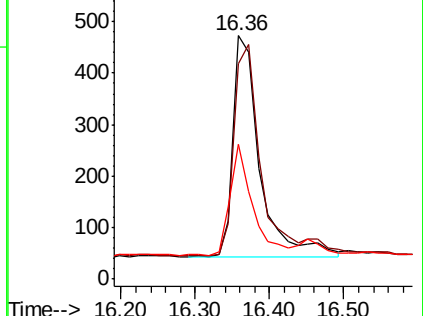
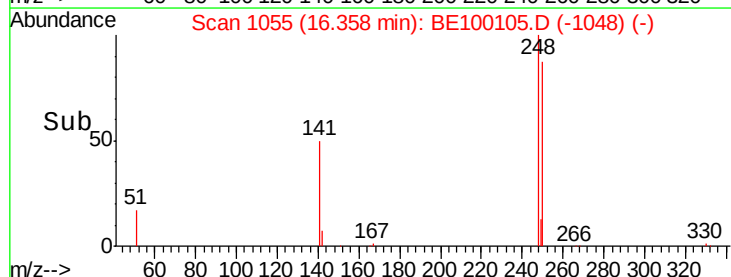
141 55.2 38.8 58.2

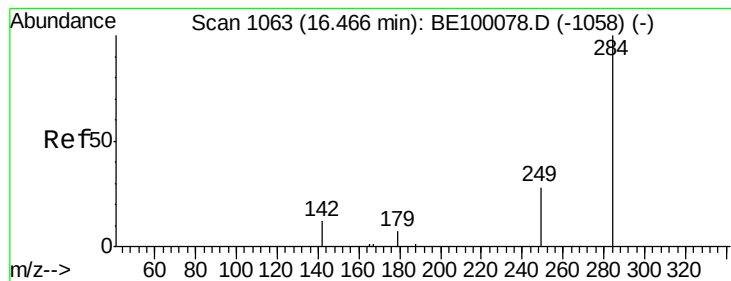


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.385 ng

RT: 16.47 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BE100105.D

Acq: 20 Jun 2019 13:03

Instrument :

BNA_E

ClientSampleId :

PB120491BS

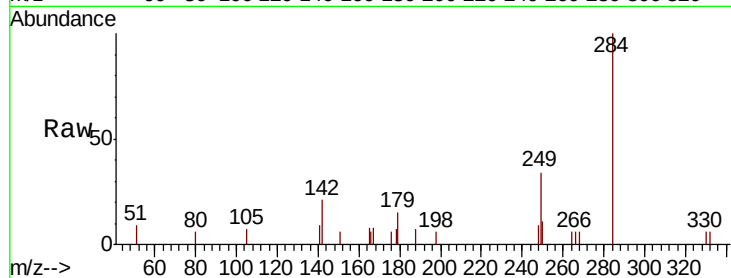
Tgt Ion:284 Resp: 1133

Ion Ratio Lower Upper

284 100

142 23.2 20.7 31.1

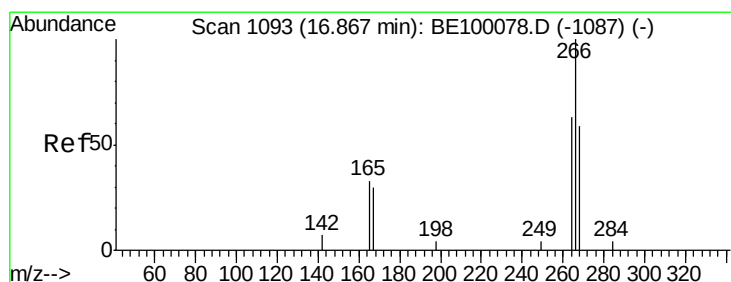
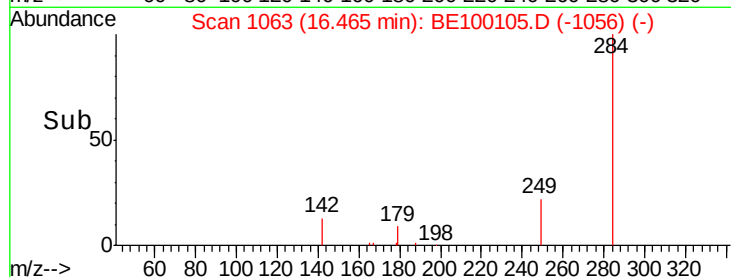
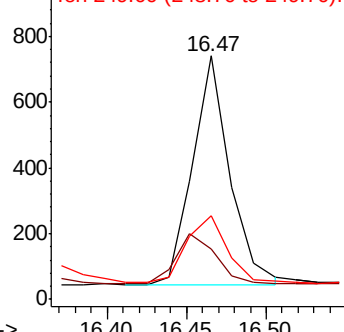
249 31.8 26.6 39.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.745 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE100105.D

Acq: 20 Jun 2019 13:03

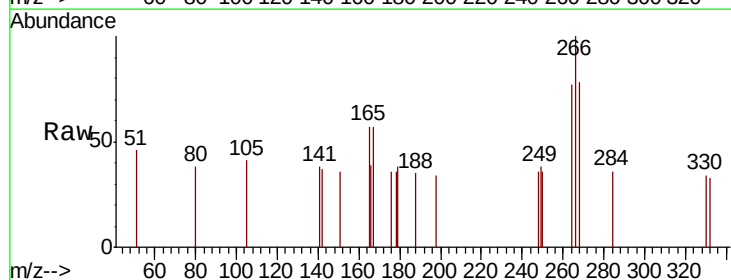
Tgt Ion:266 Resp: 481

Ion Ratio Lower Upper

266 100

264 76.7 67.8 101.6

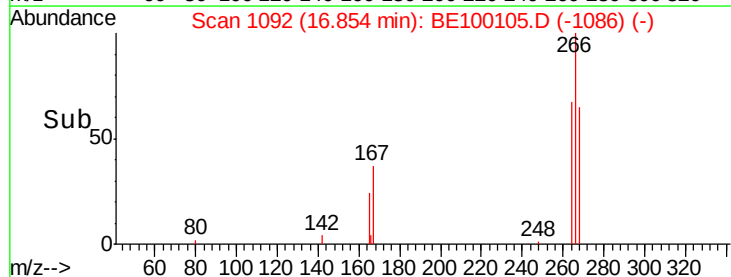
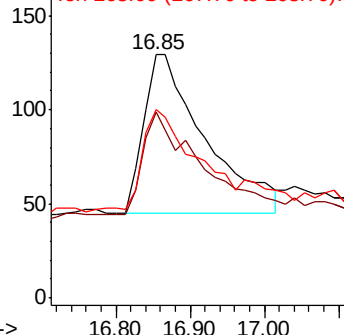
268 77.5 70.0 105.0

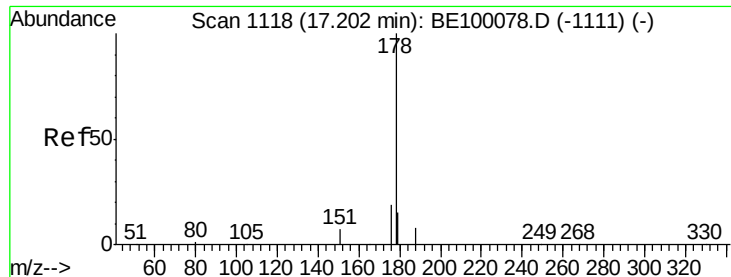


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.416 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100105.D

Acq: 20 Jun 2019 13:03

Instrument :

BNA_E

ClientSampleId :

PB120491BS

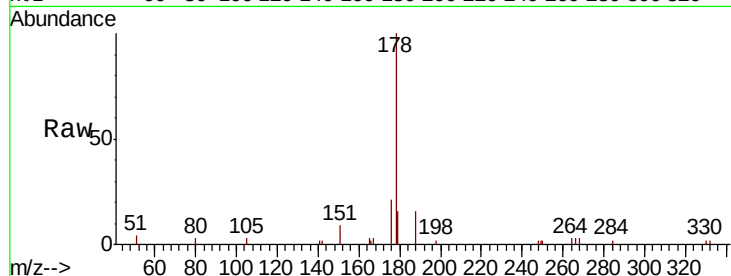
Tgt Ion:178 Resp: 4477

Ion Ratio Lower Upper

178 100

176 18.9 15.9 23.9

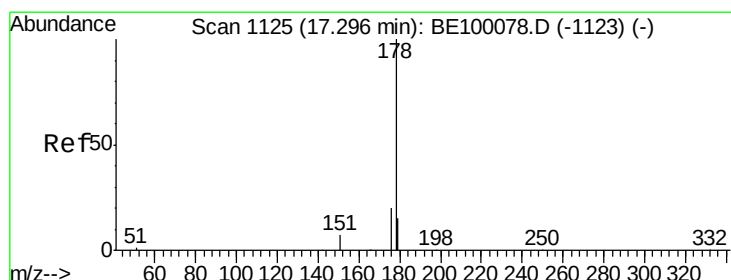
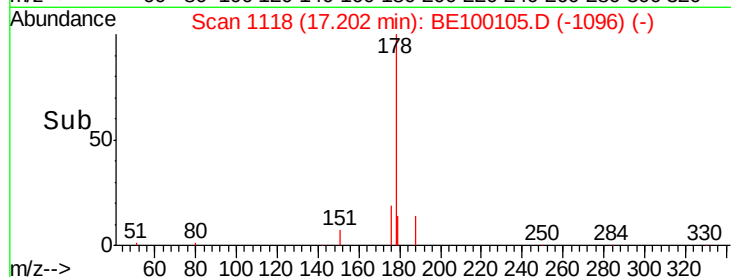
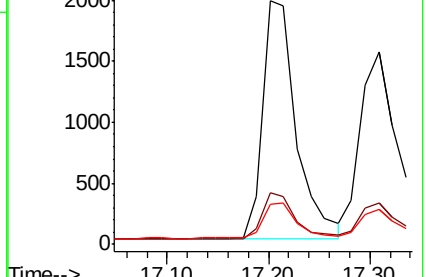
179 14.7 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.392 ng

RT: 17.31 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BE100105.D

Acq: 20 Jun 2019 13:03

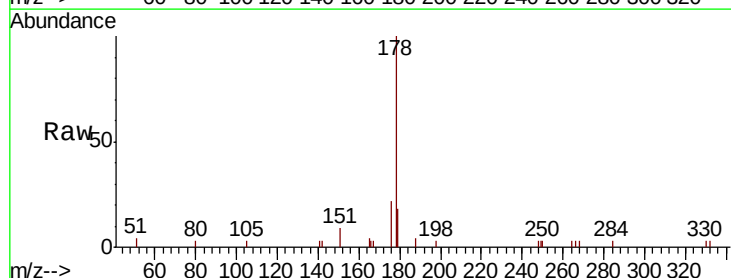
Tgt Ion:178 Resp: 3553

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

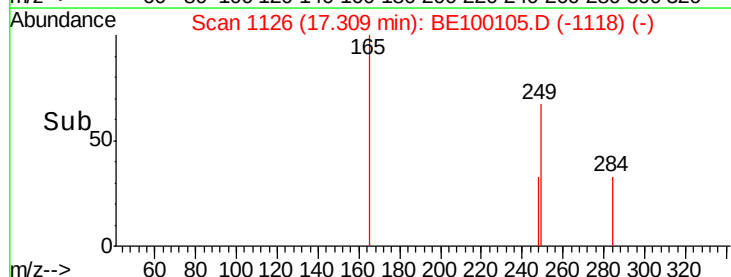
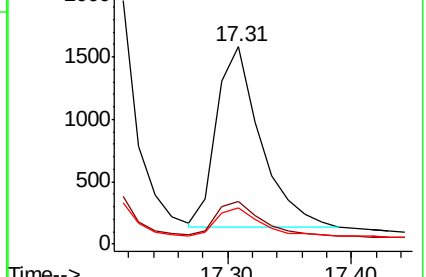
179 14.7 12.0 18.0

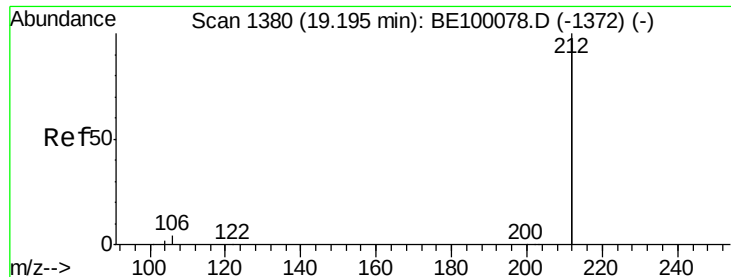


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.407 ng

RT: 19.20 min Scan# 1381

Delta R.T. 0.01 min

Lab File: BE100105.D

Acq: 20 Jun 2019 13:03

Instrument :

BNA_E

ClientSampleId :

PB120491BS

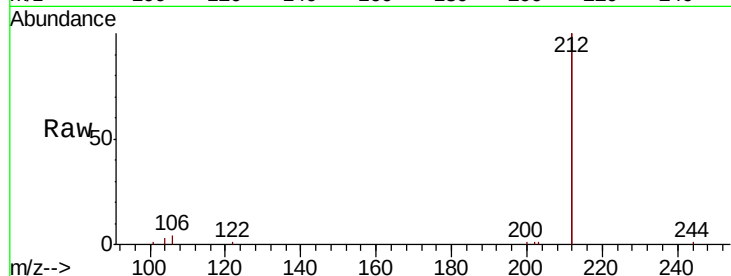
Tgt Ion:212 Resp: 26142

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.0

104 1.0 0.8 1.2

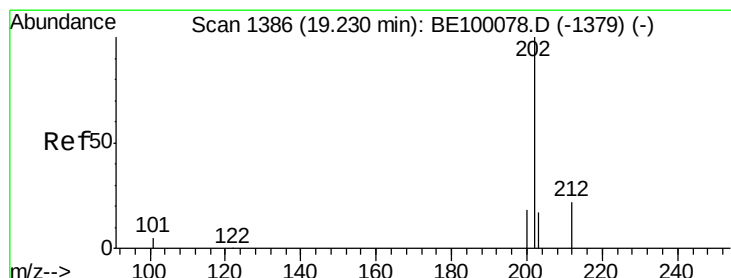
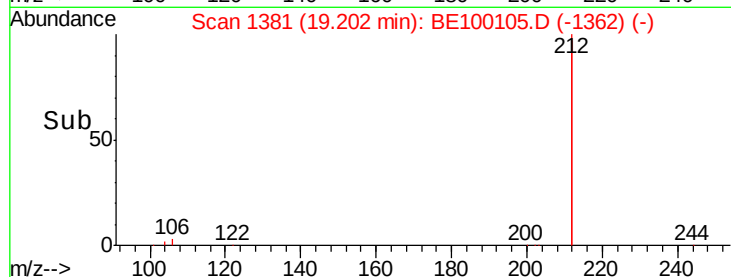
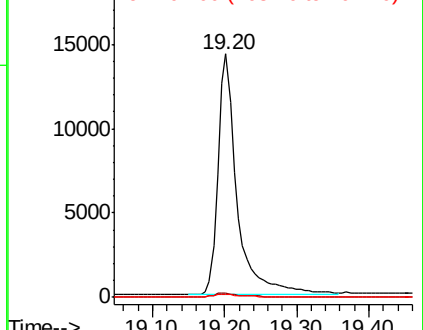


Abundance

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: 0.432 ng

RT: 19.23 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BE100105.D

Acq: 20 Jun 2019 13:03

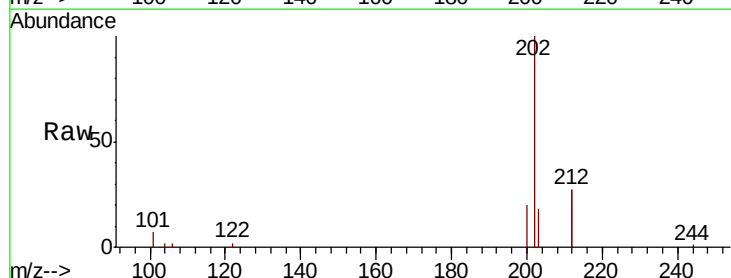
Tgt Ion:202 Resp: 7457

Ion Ratio Lower Upper

202 100

101 6.0 5.0 7.4

203 16.6 13.7 20.5

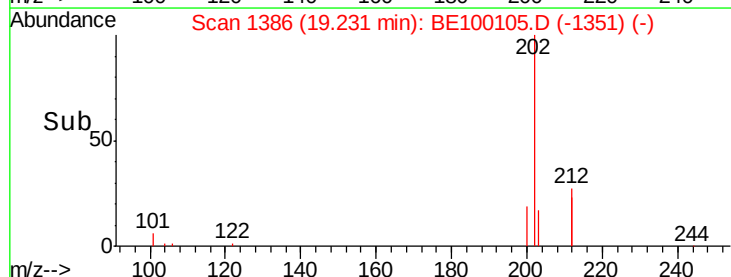
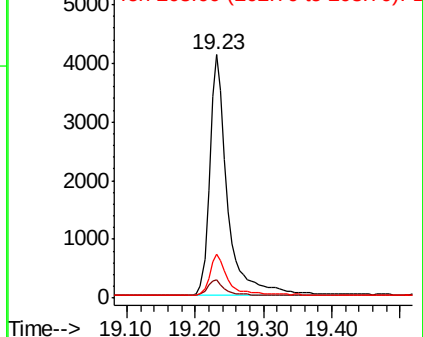


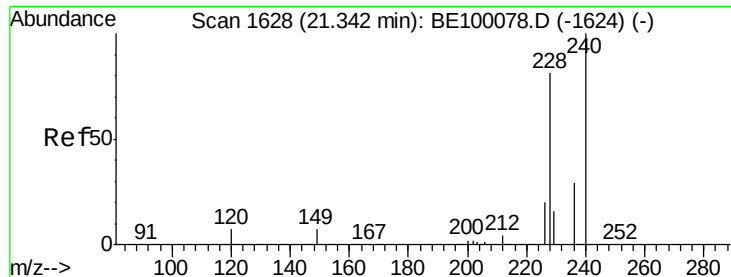
Abundance

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

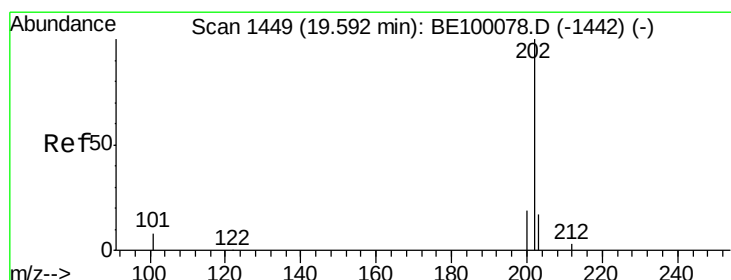
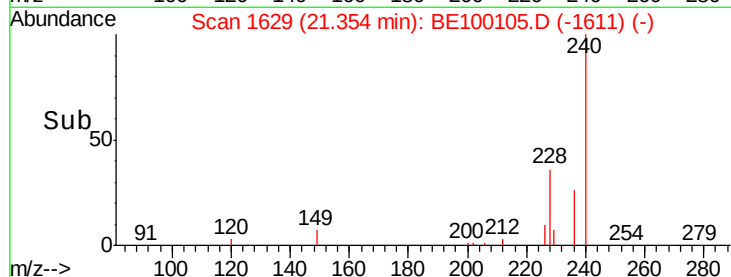
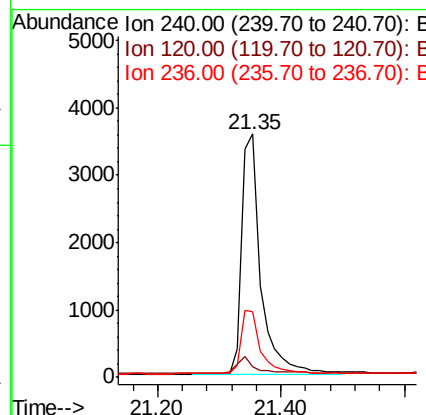
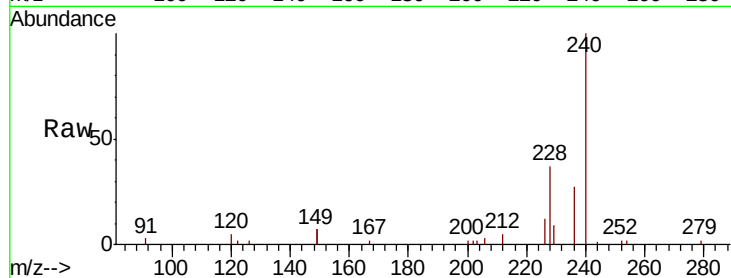




#27
Chrysene-d12
 Concen: 0.400 ng
 RT: 21.35 min Scan# 1629
 Delta R.T. 0.01 min
 Lab File: BE100105.D
 Acq: 20 Jun 2019 13:03

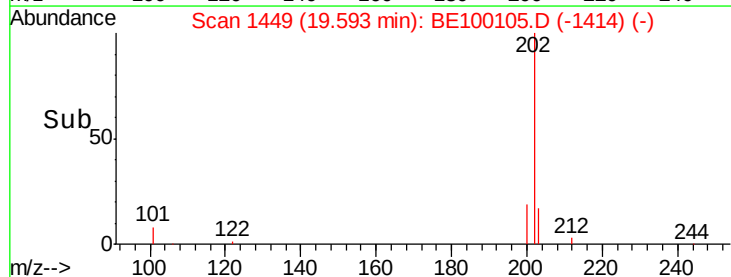
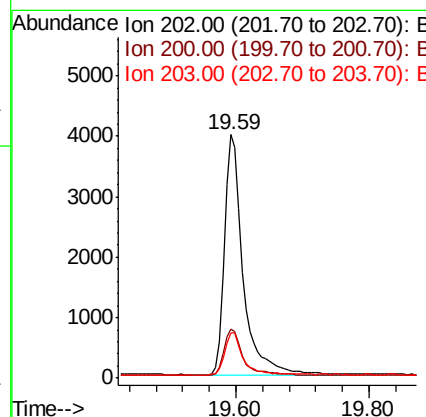
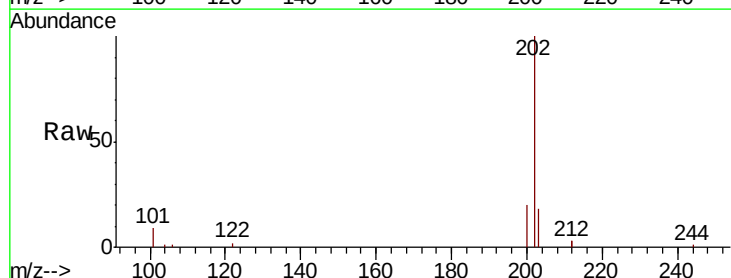
Instrument :
 BNA_E
 ClientSampleId :
 PB120491BS

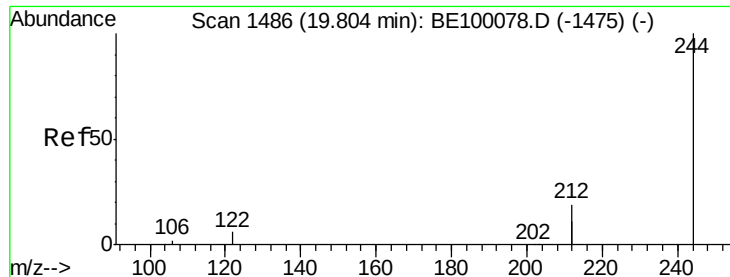
Tgt Ion: 240 Resp: 7552
 Ion Ratio Lower Upper
 240 100
 120 4.6 6.6 10.0#
 236 26.8 23.8 35.6



#28
Pyrene
 Concen: 0.393 ng
 RT: 19.59 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BE100105.D
 Acq: 20 Jun 2019 13:03

Tgt Ion: 202 Resp: 7629
 Ion Ratio Lower Upper
 202 100
 200 19.7 15.6 23.4
 203 17.6 13.9 20.9





#29

Terphenyl-d14

Concen: 0.344 ng

RT: 19.81 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BE100105.D

Acq: 20 Jun 2019 13:03

Instrument :

BNA_E

ClientSampleId :

PB120491BS

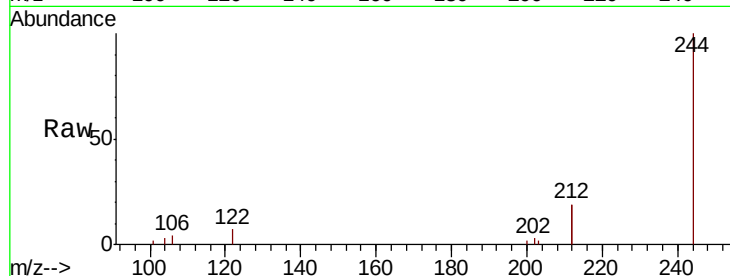
Tgt Ion:244 Resp: 5197

Ion Ratio Lower Upper

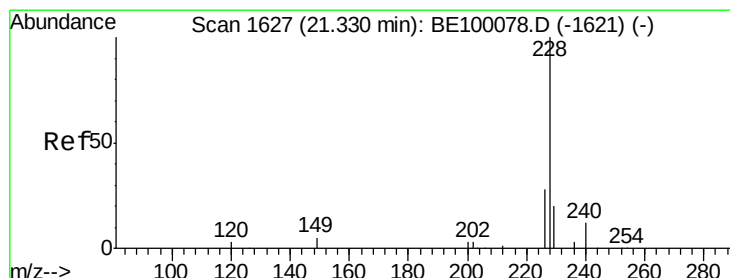
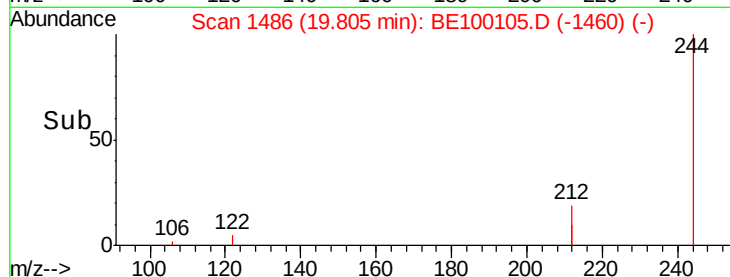
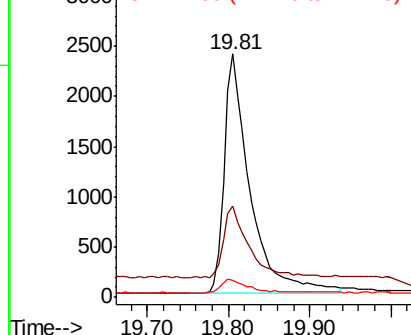
244 100

212 37.5 29.8 44.8

122 6.9 6.1 9.1



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: 0.395 ng

RT: 21.33 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100105.D

Acq: 20 Jun 2019 13:03

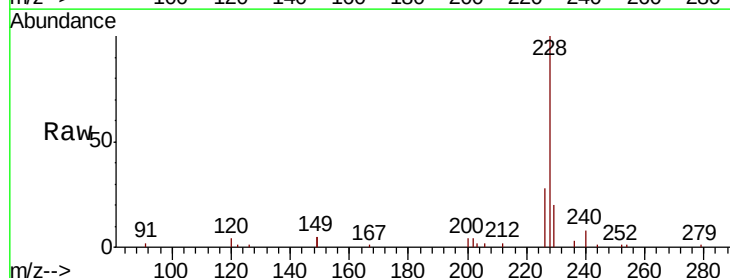
Tgt Ion:228 Resp: 8884

Ion Ratio Lower Upper

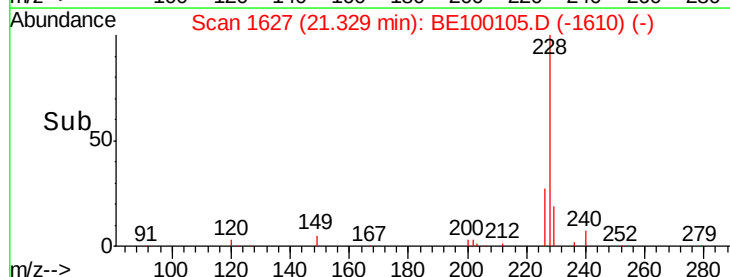
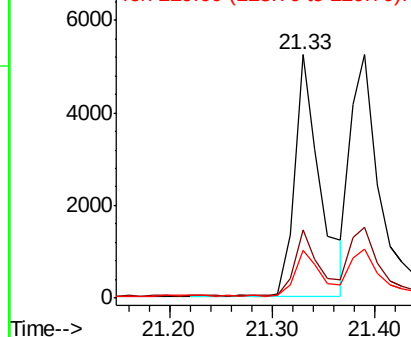
228 100

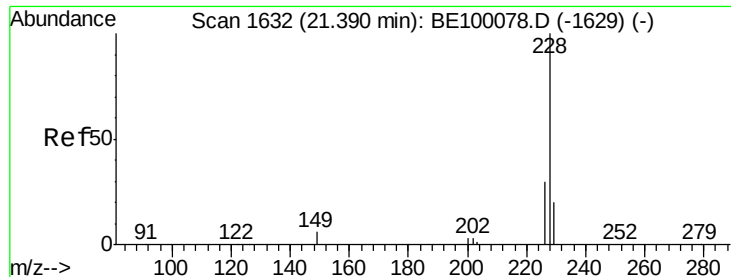
226 27.8 23.0 34.4

229 19.5 16.4 24.6



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: 0.374 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE100105.D

Acq: 20 Jun 2019 13:03

Instrument :

BNA_E

ClientSampleId :

PB120491BS

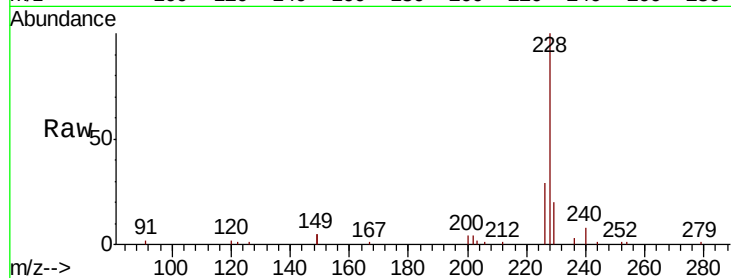
Tgt Ion:228 Resp: 9766

Ion Ratio Lower Upper

228 100

226 29.2 23.8 35.8

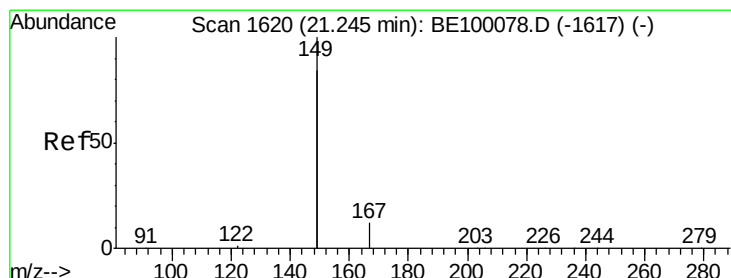
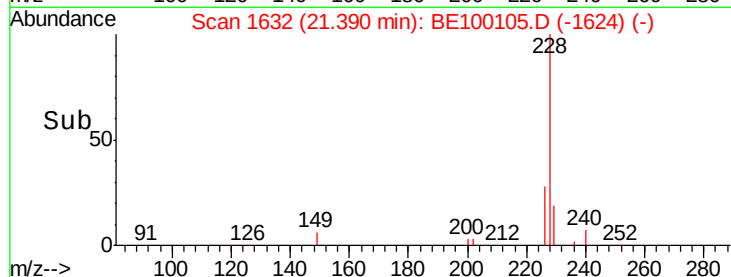
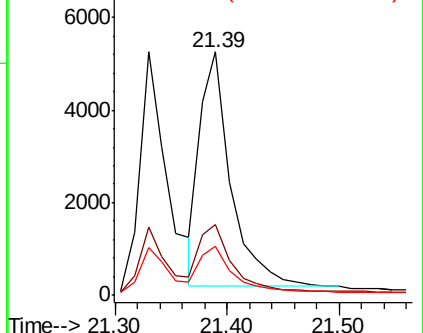
229 20.3 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.469 ng

RT: 21.24 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BE100105.D

Acq: 20 Jun 2019 13:03

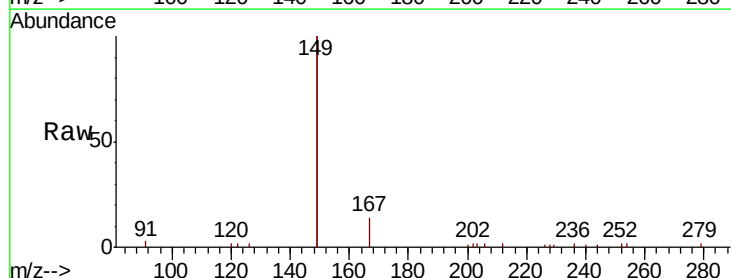
Tgt Ion:149 Resp: 9941

Ion Ratio Lower Upper

149 100

167 7.1 5.8 8.6

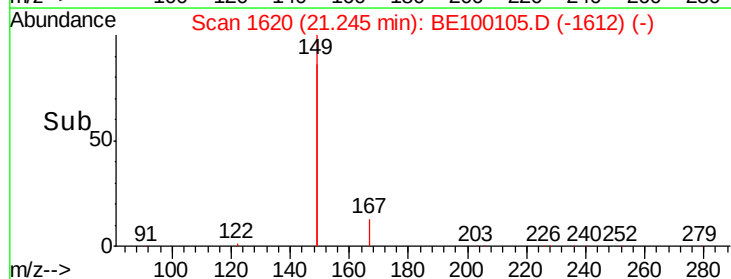
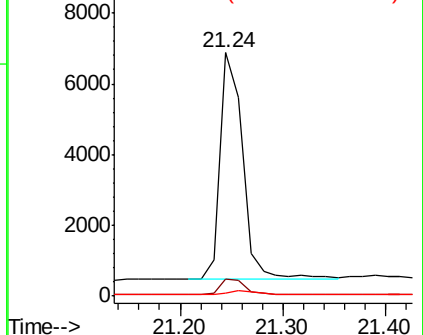
279 1.3 1.1 1.7

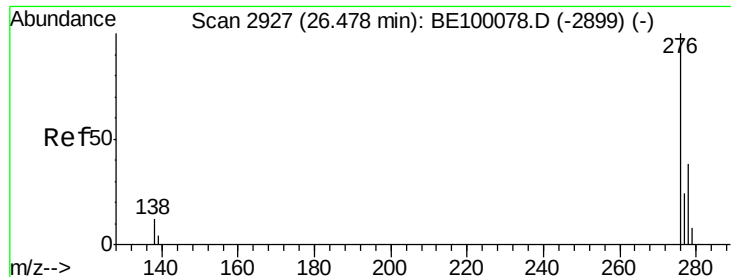


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.410 ng

RT: 26.49 min Scan# 2930

Delta R.T. 0.01 min

Lab File: BE100105.D

Acq: 20 Jun 2019 13:03

Instrument :

BNA_E

ClientSampleId :

PB120491BS

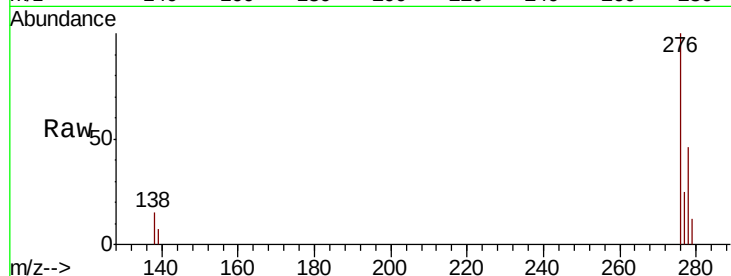
Tgt Ion:276 Resp: 12052

Ion Ratio Lower Upper

276 100

138 12.5 4.3 6.5#

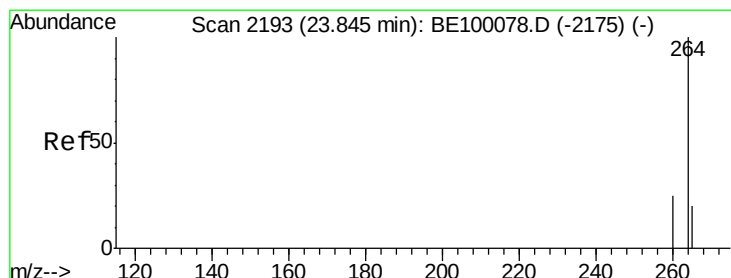
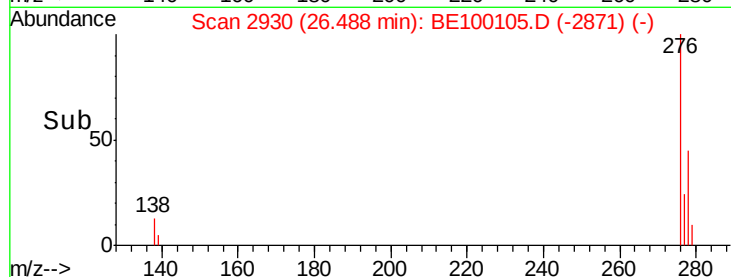
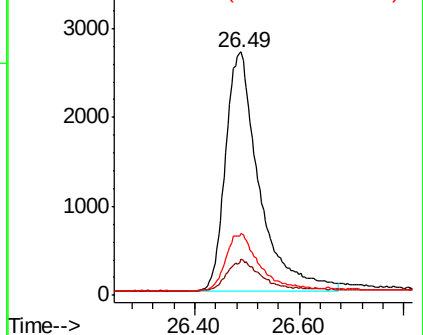
277 23.2 19.4 29.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.84 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BE100105.D

Acq: 20 Jun 2019 13:03

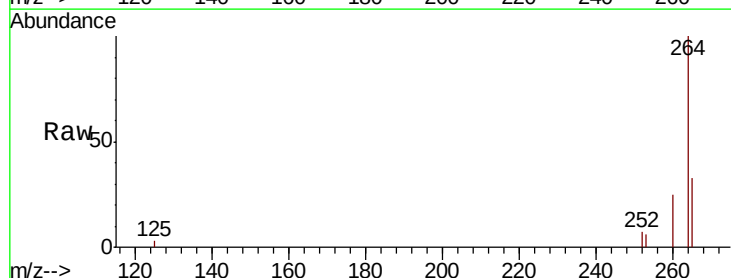
Tgt Ion:264 Resp: 7991

Ion Ratio Lower Upper

264 100

260 25.4 20.8 31.2

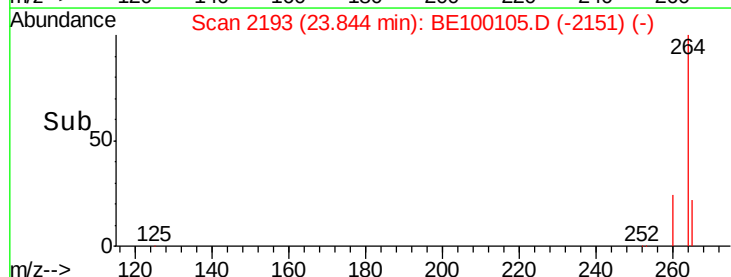
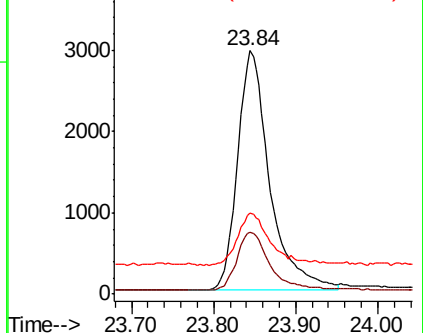
265 33.1 23.2 34.8

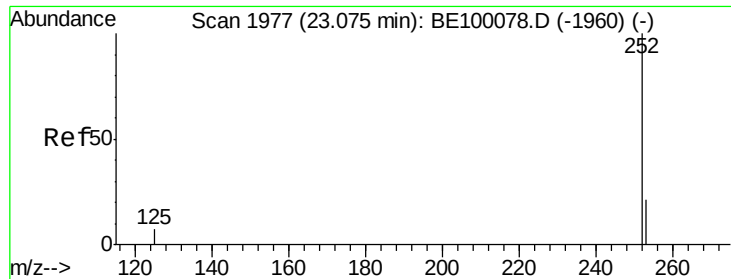


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.433 ng

RT: 23.13 min Scan# 1992

Delta R.T. 0.05 min

Lab File: BE100105.D

Acq: 20 Jun 2019 13:03

Instrument :

BNA_E

ClientSampleId :

PB120491BS

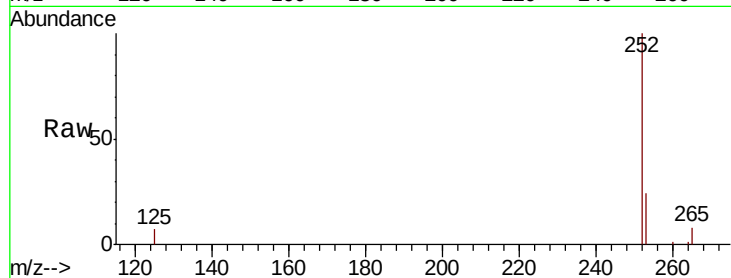
Tgt Ion:252 Resp: 10160

Ion Ratio Lower Upper

252 100

253 23.9 18.4 27.6

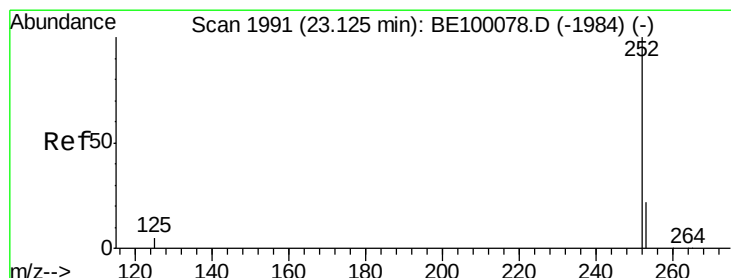
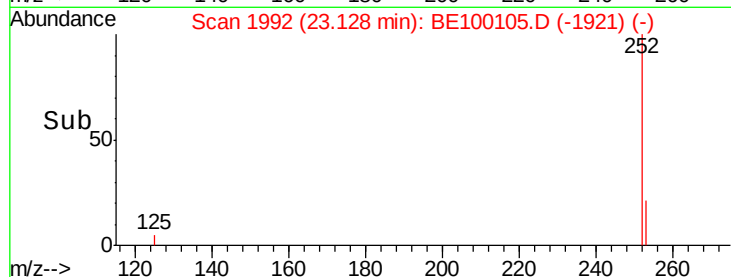
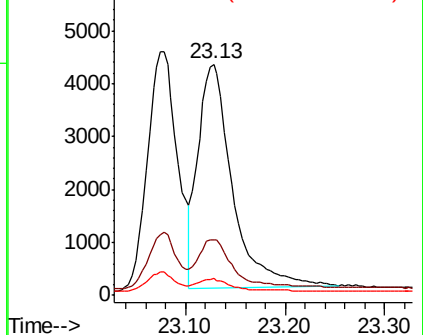
125 7.3 6.4 9.6



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



#36

Benzo(k)fluoranthene

Concen: 0.381 ng

RT: 23.13 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BE100105.D

Acq: 20 Jun 2019 13:03

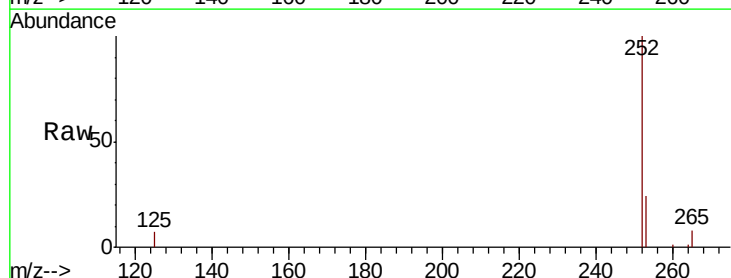
Tgt Ion:252 Resp: 10160

Ion Ratio Lower Upper

252 100

253 23.9 18.9 28.3

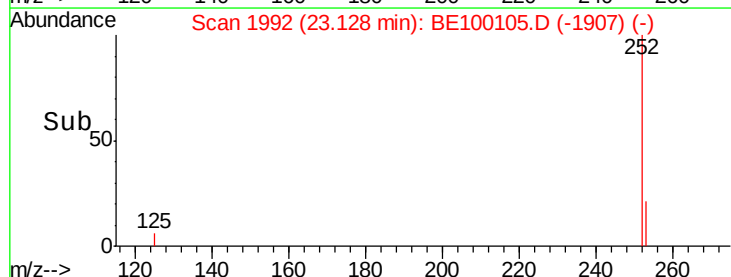
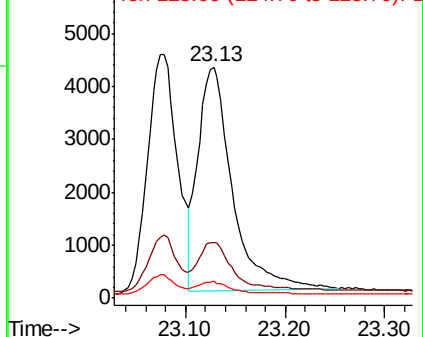
125 7.3 5.3 7.9

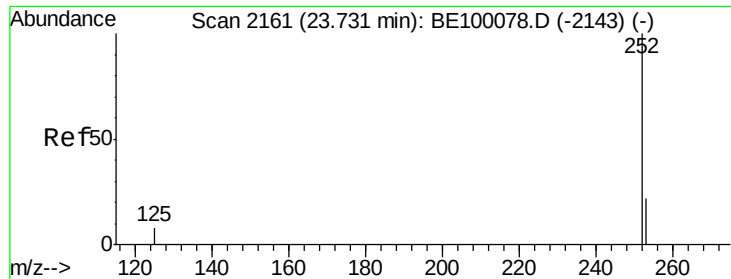


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.417 ng

RT: 23.73 min Scan# 2162

Delta R.T. 0.00 min

Lab File: BE100105.D

Acq: 20 Jun 2019 13:03

Instrument :

BNA_E

ClientSampleId :

PB120491BS

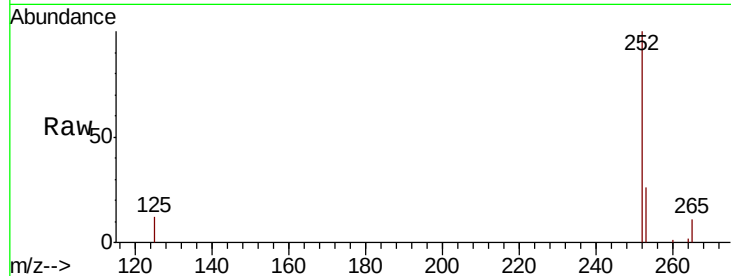
Tgt Ion:252 Resp: 9430

Ion Ratio Lower Upper

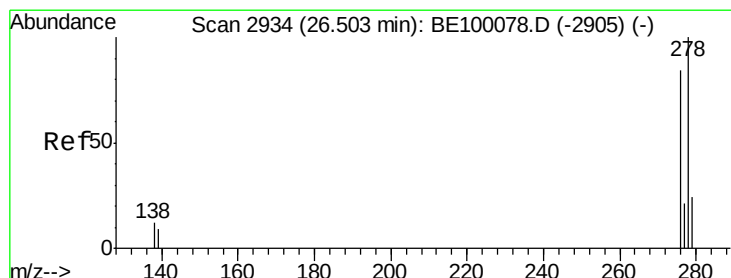
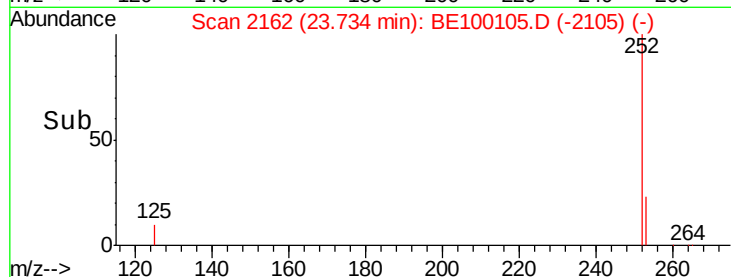
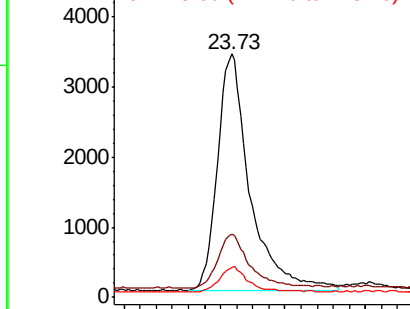
252 100

253 25.8 19.4 29.2

125 12.1 8.0 12.0#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.399 ng

RT: 26.51 min Scan# 2937

Delta R.T. 0.01 min

Lab File: BE100105.D

Acq: 20 Jun 2019 13:03

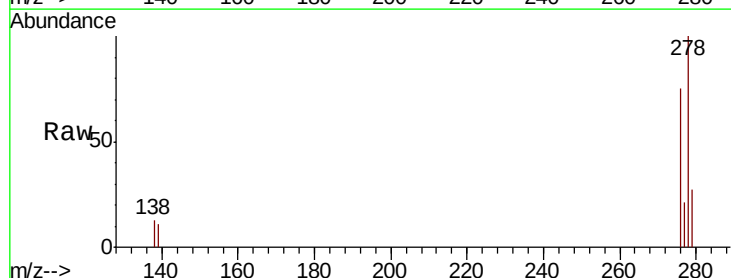
Tgt Ion:278 Resp: 9267

Ion Ratio Lower Upper

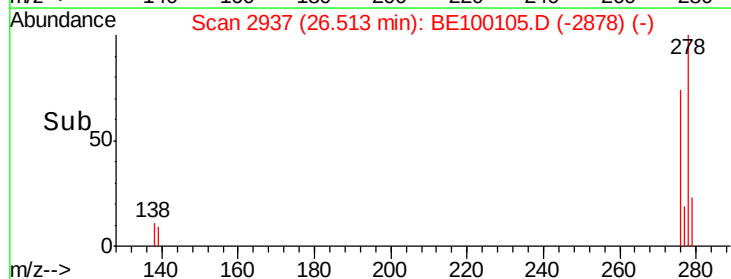
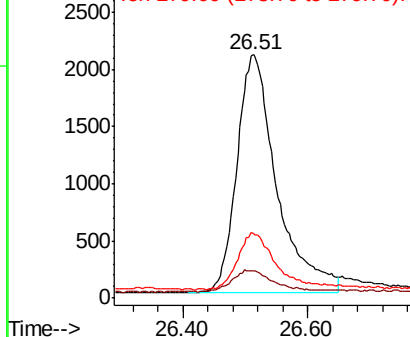
278 100

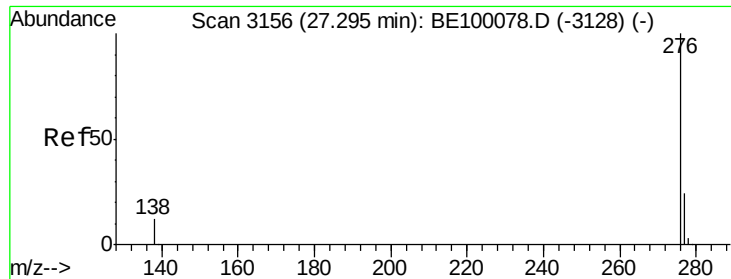
139 11.4 9.0 13.6

279 26.6 21.4 32.0



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: 0.425 ng

RT: 27.29 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BE100105.D

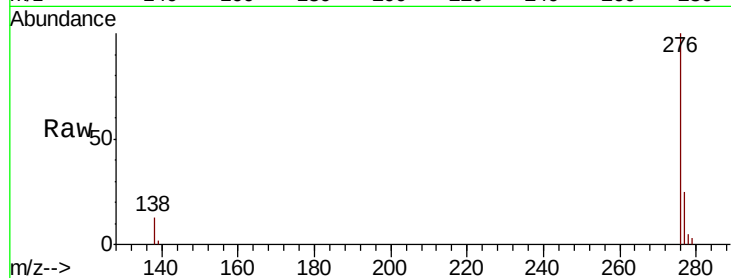
Acq: 20 Jun 2019 13:03

Instrument :

BNA_E

ClientSampleId :

PB120491BS



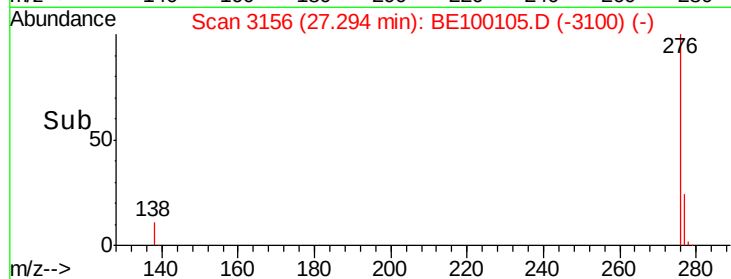
Tgt Ion: 276 Resp: 10250

Ion Ratio Lower Upper

276 100

277 25.2 20.3 30.5

138 12.5 11.3 16.9



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

