

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062619\
 Data File : BE100189.D
 Acq On : 26 Jun 2019 11:28
 Operator : JU/SJ
 Sample : PB120391BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120704BS

Quant Time: Jun 27 04:43:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 15:40:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	516	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	1779	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	1370	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	4286	0.40	ng	0.00
27) Chrysene-d12	21.28	240	6698	0.40	ng	0.00
34) Perylene-d12	23.73	264	7185	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	464	0.40	ng	0.00
5) Phenol-d6	6.86	99	601	0.38	ng	-0.01
8) Nitrobenzene-d5	8.85	82	709	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	1375	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	327	0.41	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	2325	0.42	ng	0.01
25) Fluoranthene-d10	19.13	212	23460	0.38	ng	0.00
29) Terphenyl-d14	19.73	244	4711	0.36	ng	0.00

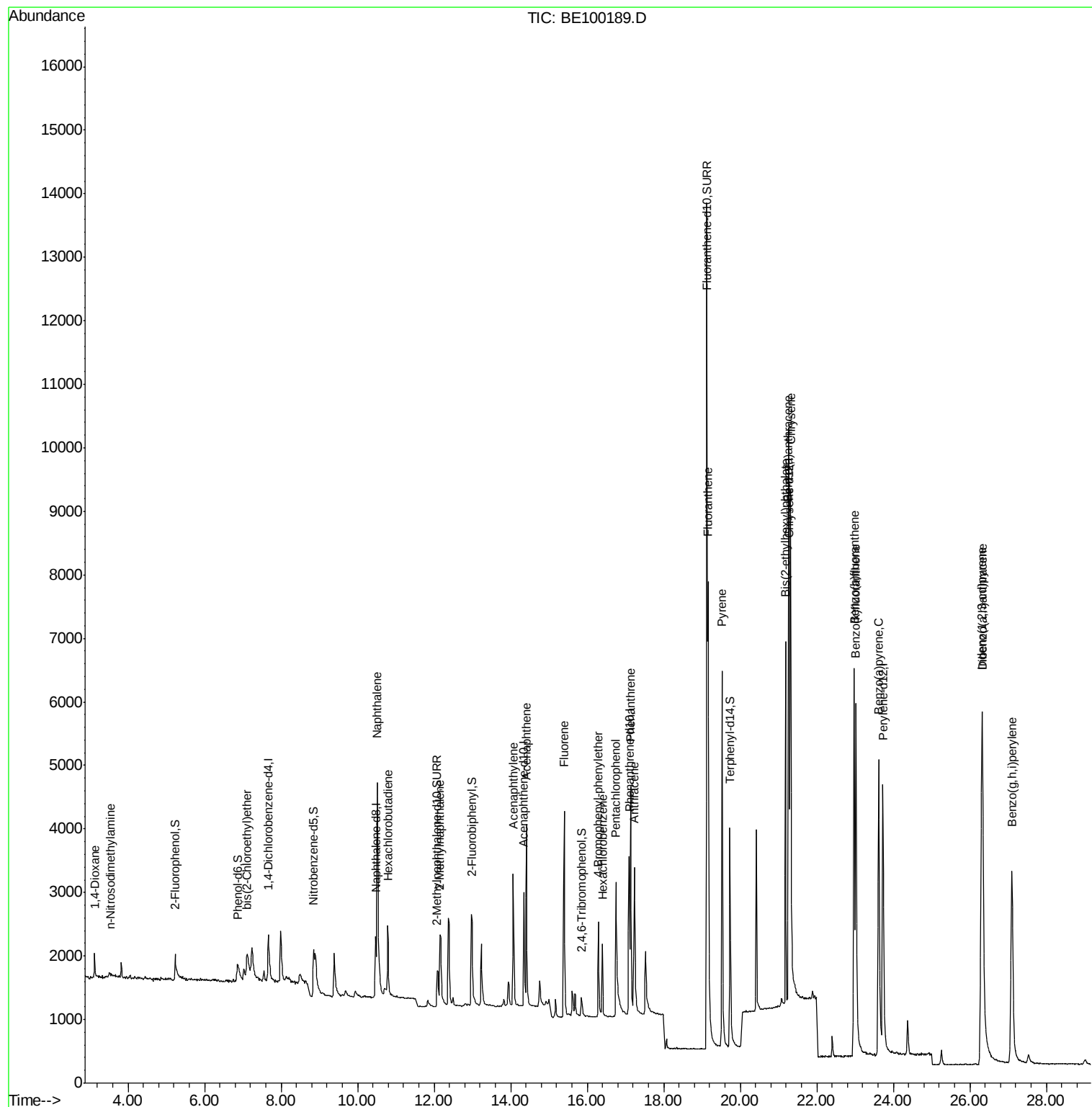
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	336	0.416	ng	# 94
3) n-Nitrosodimethylamine	3.53	42	105	0.351	ng	# 11
6) bis(2-Chloroethyl)ether	7.11	93	520	0.360	ng	# 91
9) Naphthalene	10.51	128	8387	0.432	ng	99
10) Hexachlorobutadiene	10.78	225	874	0.436	ng	99
12) 2-Methylnaphthalene	12.15	142	1315	0.421	ng	98
16) Acenaphthylene	14.07	152	2785	0.417	ng	99
17) Acenaphthene	14.41	154	1494	0.399	ng	93
18) Fluorene	15.39	166	2393	0.442	ng	98
20) 4-Bromophenyl-phenylether	16.29	248	1084	0.408	ng	97
21) Hexachlorobenzene	16.40	284	1222	0.419	ng	98
22) Pentachlorophenol	16.75	266	2165	2.474	ng	# 76
23) Phenanthrene	17.13	178	4366	0.430	ng	99
24) Anthracene	17.23	178	3456	0.403	ng	99
26) Fluoranthene	19.16	202	6819	0.413	ng	100
28) Pyrene	19.52	202	6729	0.392	ng	99
30) Benzo(a)anthracene	21.26	228	7723	0.391	ng	96
31) Chrysene	21.32	228	8458	0.365	ng	99
32) Bis(2-ethylhexyl)phthalate	21.19	149	6139	0.270	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.31	276	11260	0.342	ng	# 94
35) Benzo(b)fluoranthene	22.97	252	8949	0.463	ng	# 94
36) Benzo(k)fluoranthene	23.02	252	9711	0.420	ng	99
37) Benzo(a)pyrene	23.62	252	8746	0.437	ng	# 91
38) Dibenzo(a,h)anthracene	26.33	278	8836	0.413	ng	98
39) Benzo(g,h,i)perylene	27.09	276	9024	0.404	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.67 min Scan# 417

Delta R.T. -0.00 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

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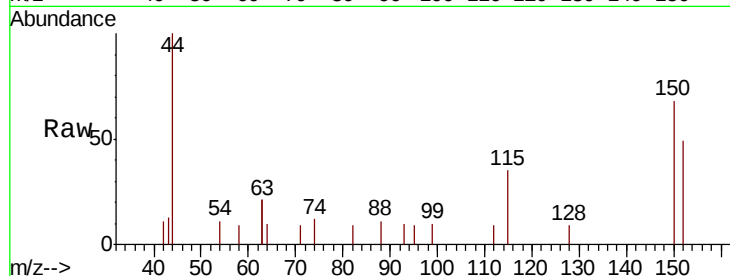
Tgt Ion: 152 Resp: 516

Ion Ratio Lower Upper

152 100

150 138.6 113.4 170.2

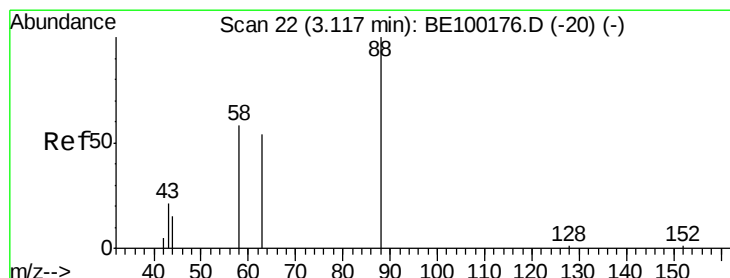
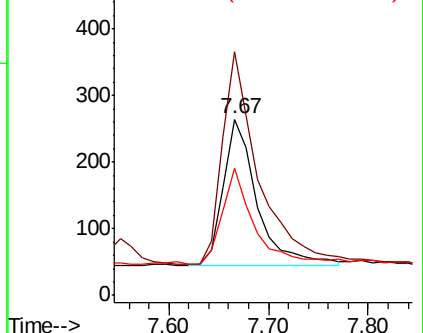
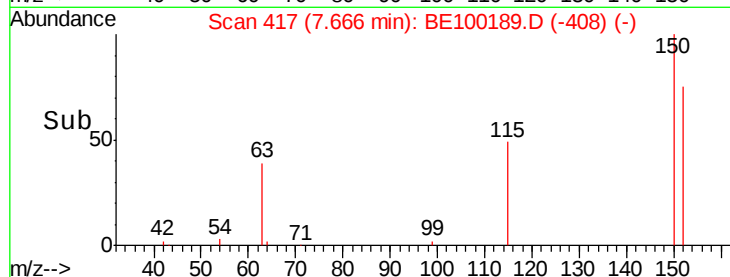
115 72.0 55.8 83.6



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: 0.416 ng

RT: 3.12 min Scan# 22

Delta R.T. -0.00 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

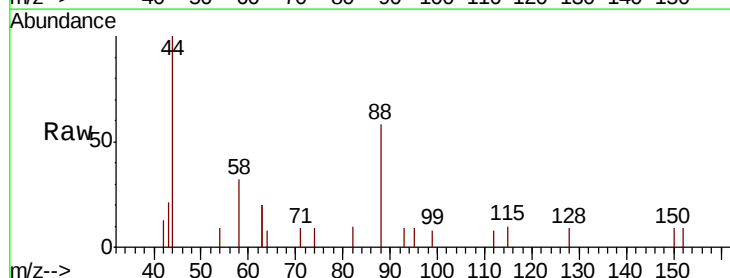
Tgt Ion: 88 Resp: 336

Ion Ratio Lower Upper

88 100

58 55.7 43.8 65.6

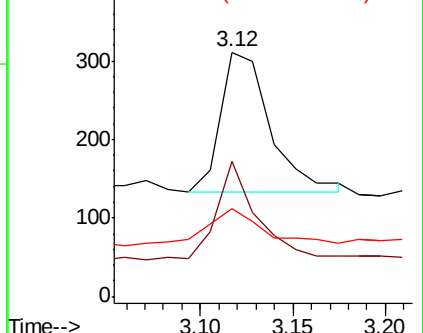
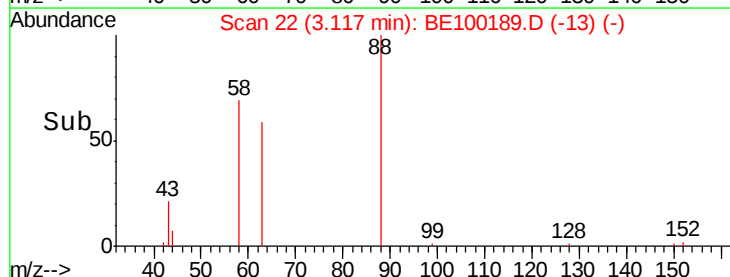
43 32.7 19.4 29.2#

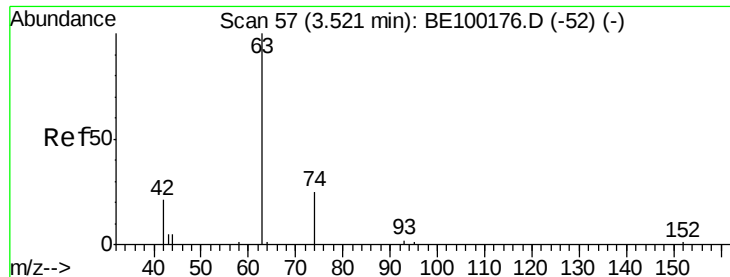


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.351 ng

RT: 3.53 min Scan# 58

Delta R.T. 0.01 min

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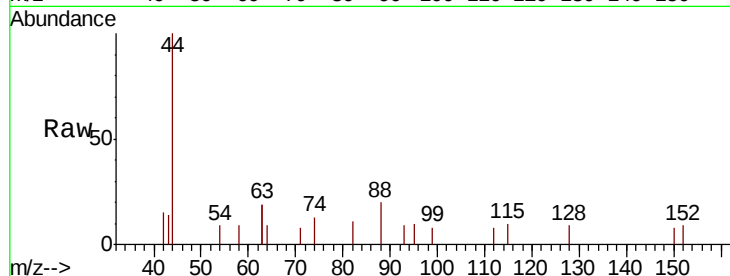
Tgt Ion: 42 Resp: 105

Ion Ratio Lower Upper

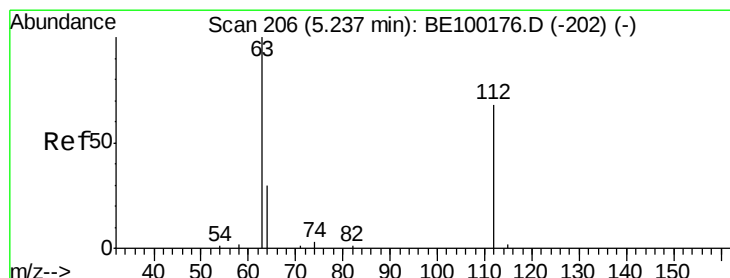
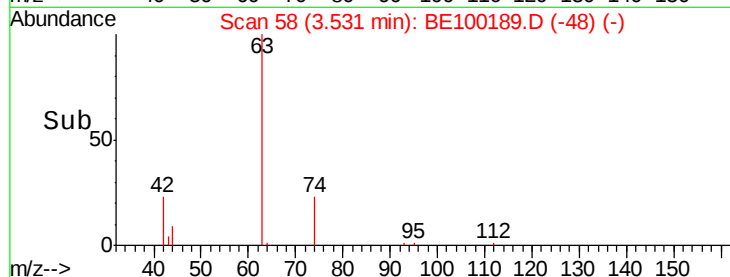
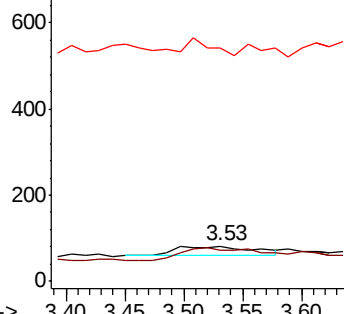
42 100

74 118.1 193.2 289.8#

44 0.0 114.5 171.7#



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: 0.404 ng

RT: 5.24 min Scan# 206

Delta R.T. -0.00 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

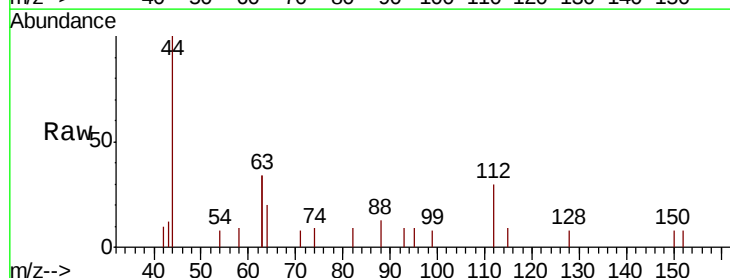
Tgt Ion: 112 Resp: 464

Ion Ratio Lower Upper

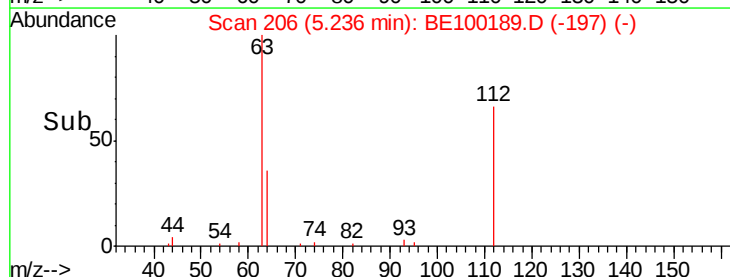
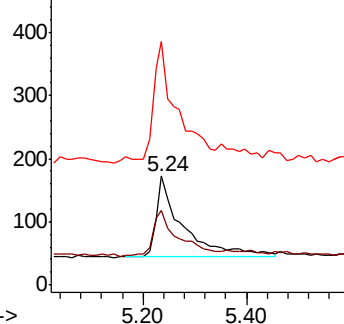
112 100

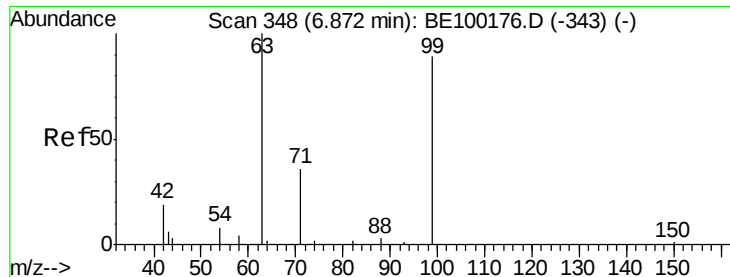
64 53.7 40.7 61.1

63 120.0 93.2 139.8



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: 0.381 ng

RT: 6.86 min Scan# 347

Delta R.T. -0.01 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

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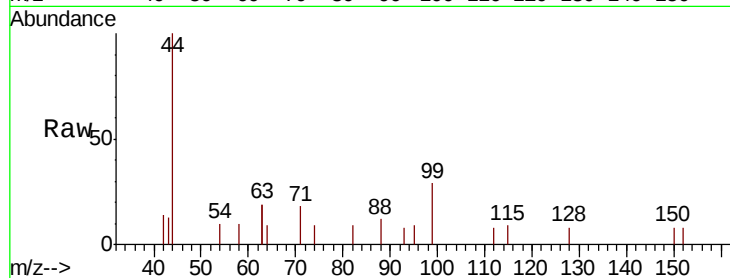
Tgt Ion: 99 Resp: 601

Ion Ratio Lower Upper

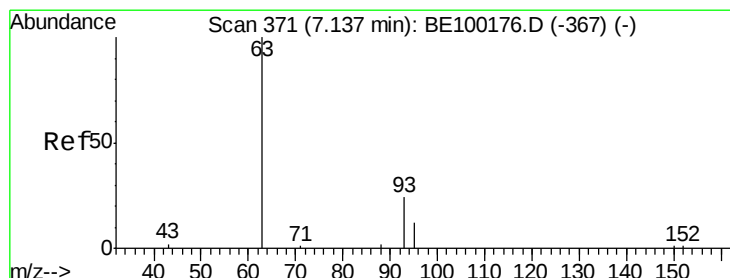
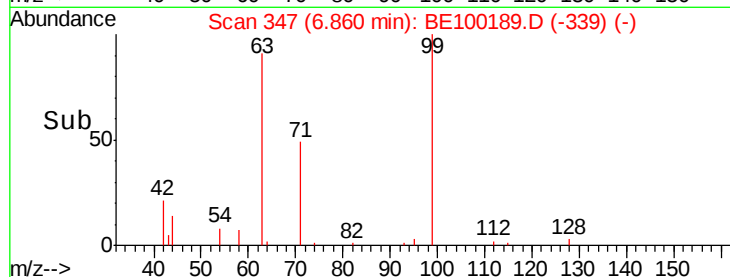
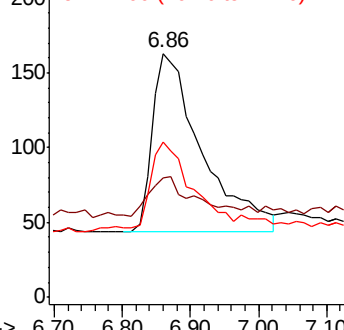
99 100

42 18.8 10.4 15.6#

71 44.4 32.4 48.6



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: 0.360 ng

RT: 7.11 min Scan# 369

Delta R.T. -0.02 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

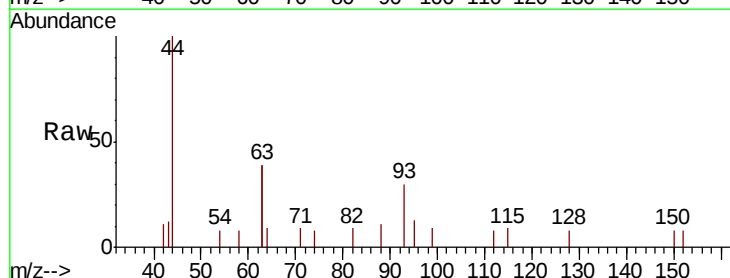
Tgt Ion: 93 Resp: 520

Ion Ratio Lower Upper

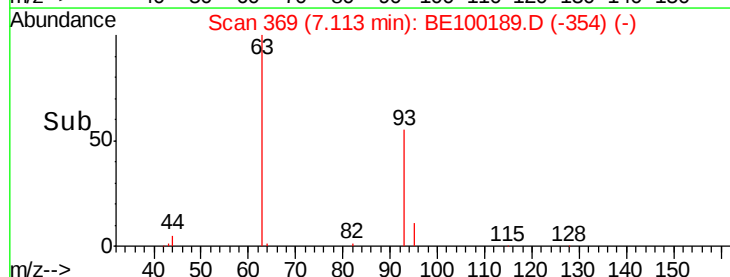
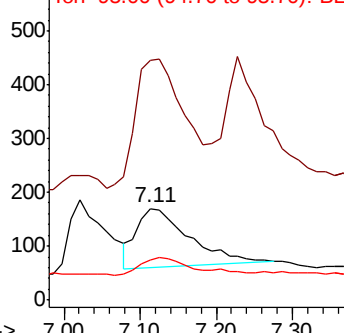
93 100

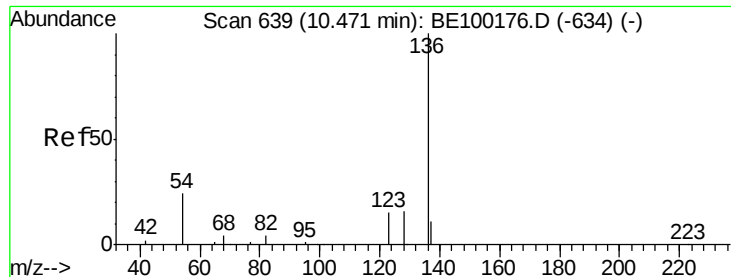
63 202.7 0.0 0.0#

95 30.8 21.0 31.6



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: 10.47 min Scan# 639

Delta R.T. -0.00 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

Instrument :

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ClientSampleId :

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Tgt Ion: 136 Resp: 1779

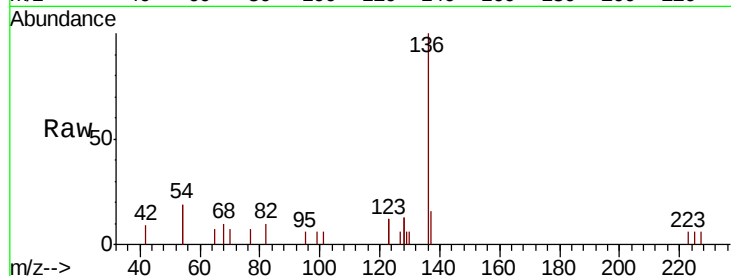
Ion Ratio Lower Upper

136 100

137 15.7 13.8 20.8

54 38.6 35.4 53.2

68 9.7 8.8 13.2

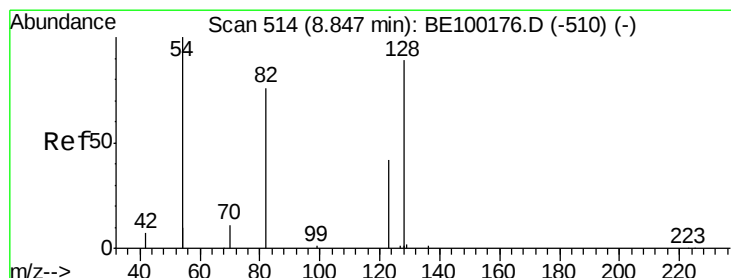
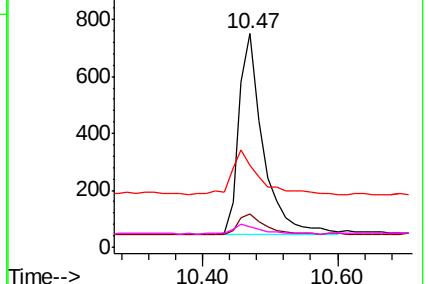
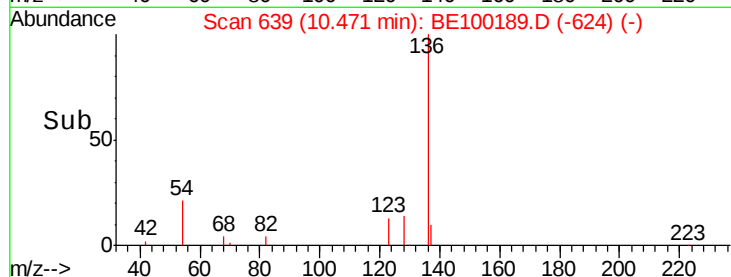


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.400 ng

RT: 8.85 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

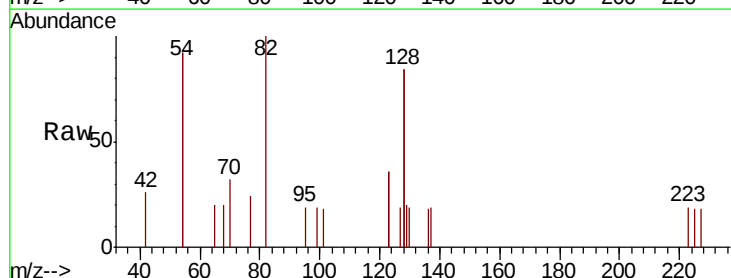
Tgt Ion: 82 Resp: 709

Ion Ratio Lower Upper

82 100

128 167.6 144.6 217.0

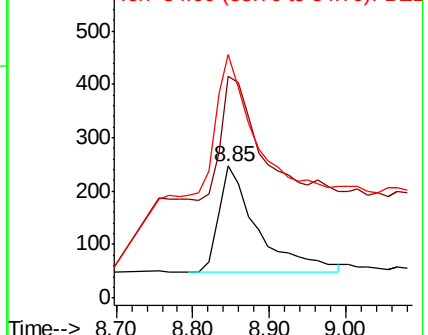
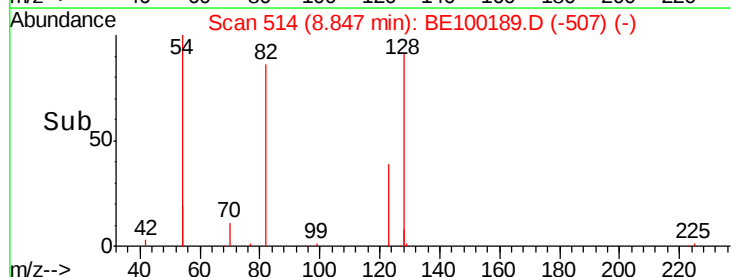
54 184.6 163.0 244.6

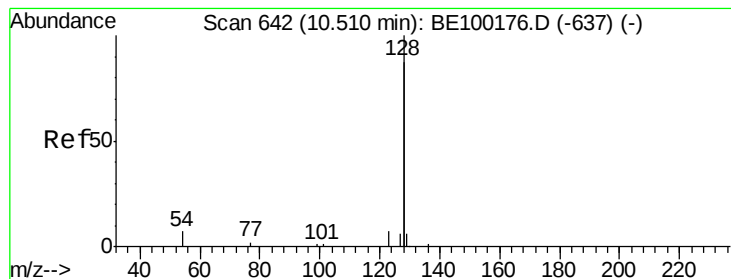


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.432 ng

RT: 10.51 min Scan# 642

Delta R.T. -0.00 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

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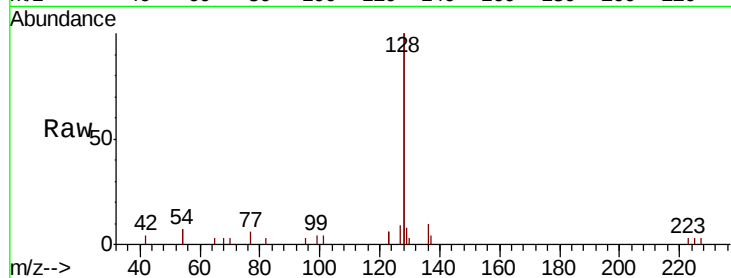
Tgt Ion:128 Resp: 8387

Ion Ratio Lower Upper

128 100

129 4.2 3.6 5.4

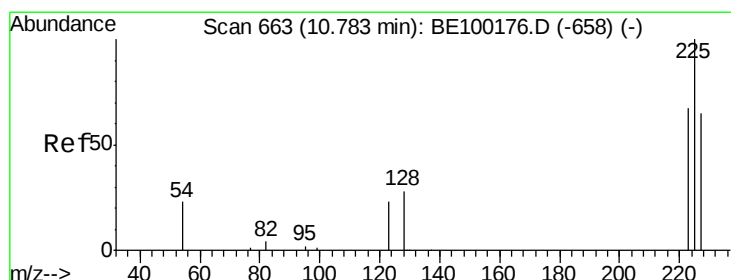
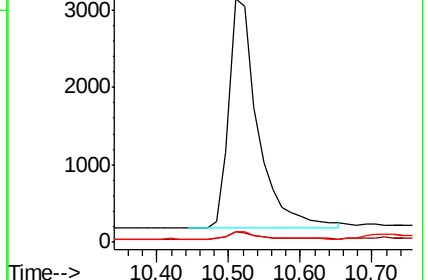
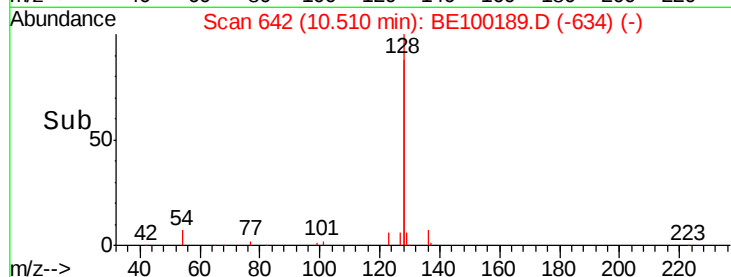
127 4.5 3.8 5.8



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: 0.436 ng

RT: 10.78 min Scan# 663

Delta R.T. -0.00 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

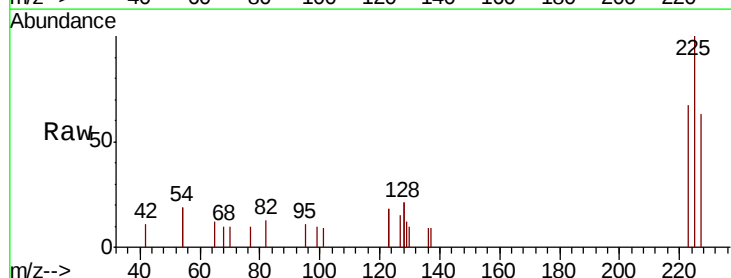
Tgt Ion:225 Resp: 874

Ion Ratio Lower Upper

225 100

223 61.2 50.1 75.1

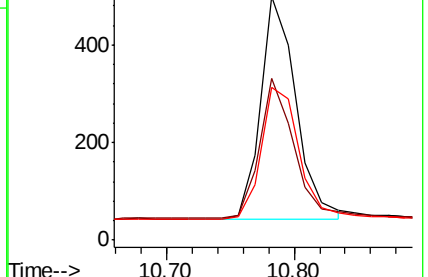
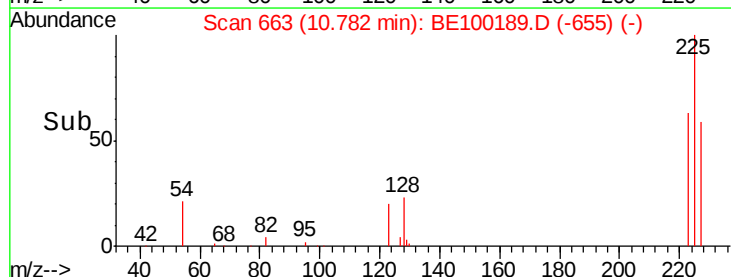
227 64.1 50.9 76.3

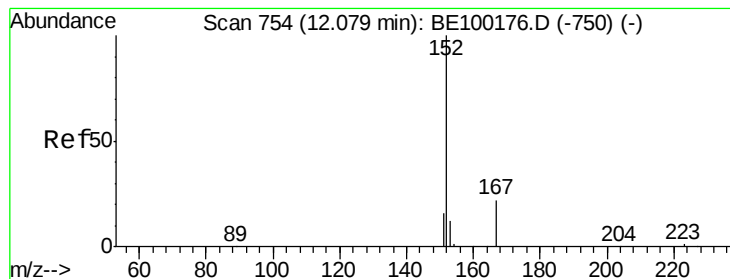


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.412 ng

RT: 12.08 min Scan# 754

Delta R.T. -0.00 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

Instrument :

BNA_E

ClientSampleId :

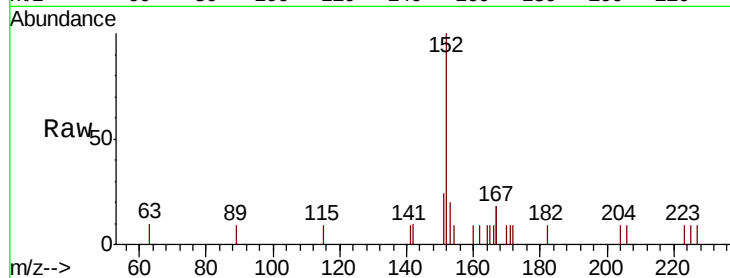
PB120704BS

Tgt Ion:152 Resp: 1375

Ion Ratio Lower Upper

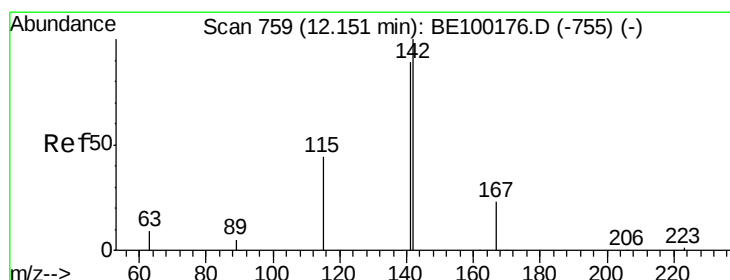
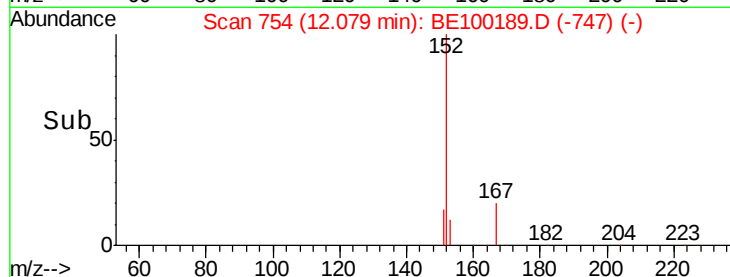
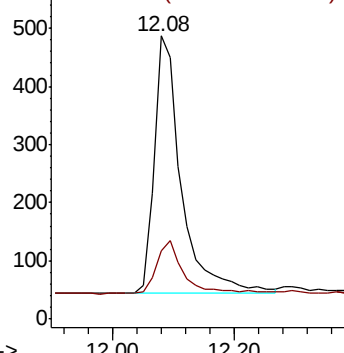
152 100

151 20.3 16.3 24.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.421 ng

RT: 12.15 min Scan# 759

Delta R.T. -0.00 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

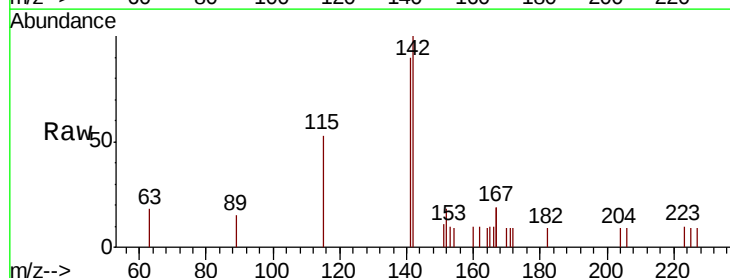
Tgt Ion:142 Resp: 1315

Ion Ratio Lower Upper

142 100

141 90.5 71.8 107.8

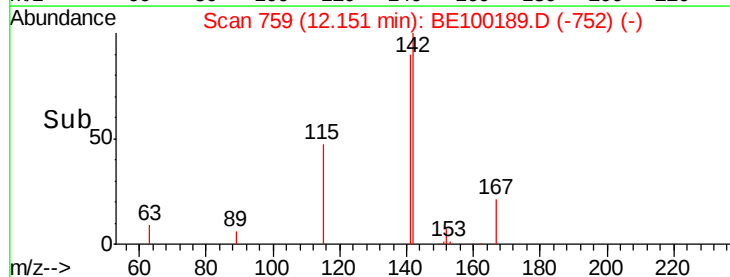
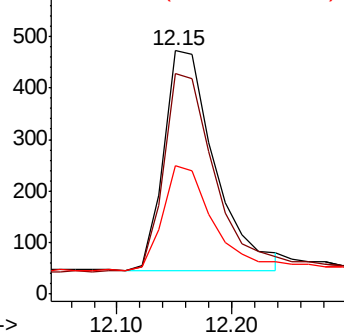
115 52.8 40.4 60.6

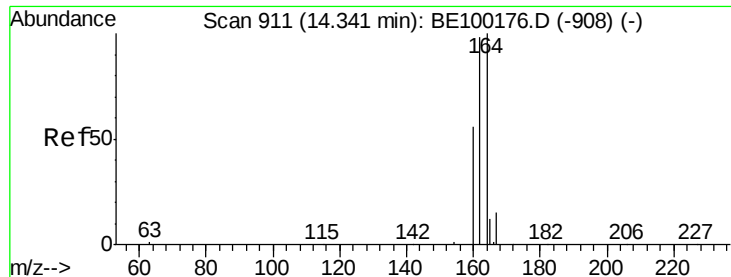


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

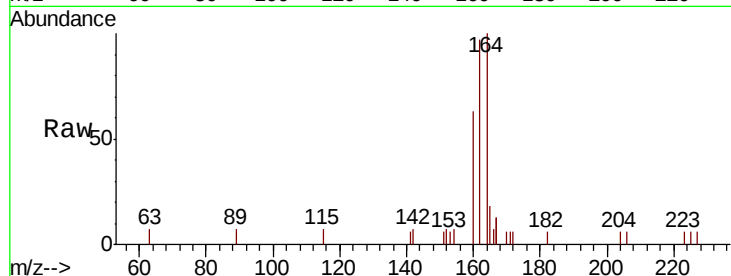




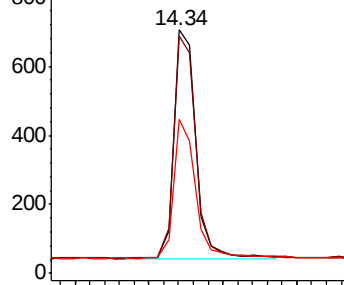
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.34 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BE100189.D
 Acq: 26 Jun 2019 11:28

Instrument :
 BNA_E
 ClientSampleId :
 PB120704BS

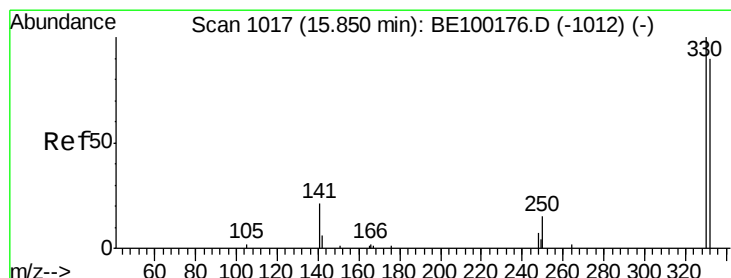
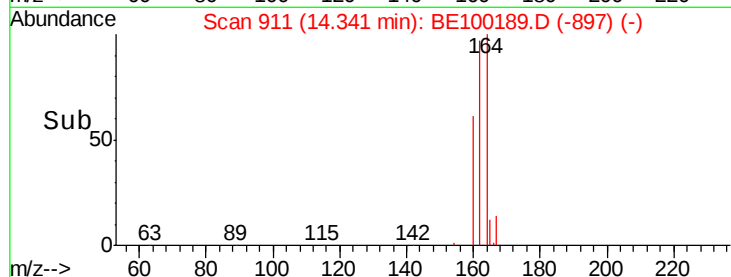
Tgt Ion:164 Resp: 1370
 Ion Ratio Lower Upper
 164 100
 162 97.2 78.6 118.0
 160 63.3 46.9 70.3



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

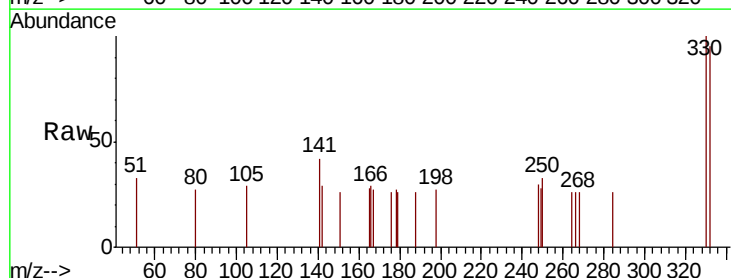


Time-->

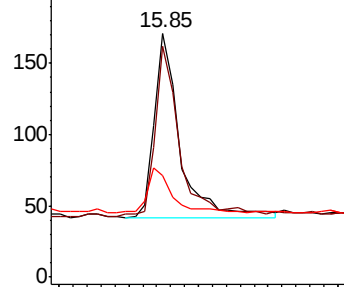


#14
 2,4,6-Tribromophenol
 Concen: 0.412 ng
 RT: 15.85 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BE100189.D
 Acq: 26 Jun 2019 11:28

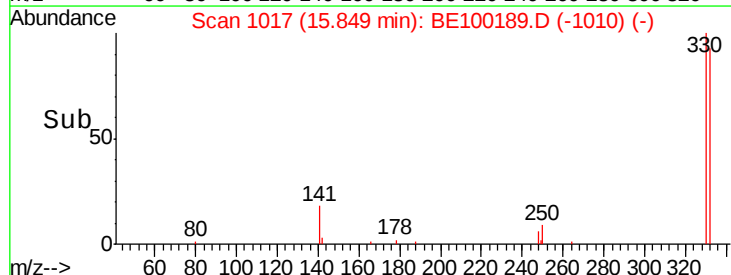
Tgt Ion:330 Resp: 327
 Ion Ratio Lower Upper
 330 100
 332 86.9 77.7 116.5
 141 24.2 18.9 28.3

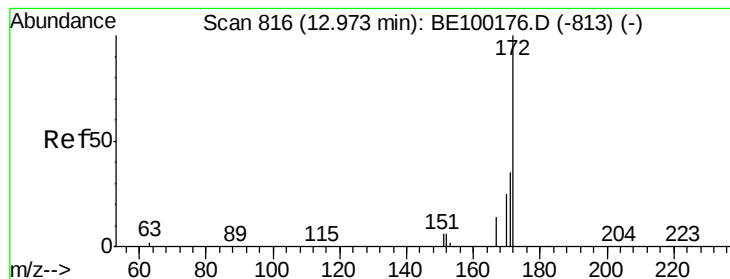


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



Time-->





#15

2-Fluorobiphenyl

Concen: 0.423 ng

RT: 12.99 min Scan# 817

Delta R.T. 0.01 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

Instrument :

BNA_E

ClientSampleId :

PB120704BS

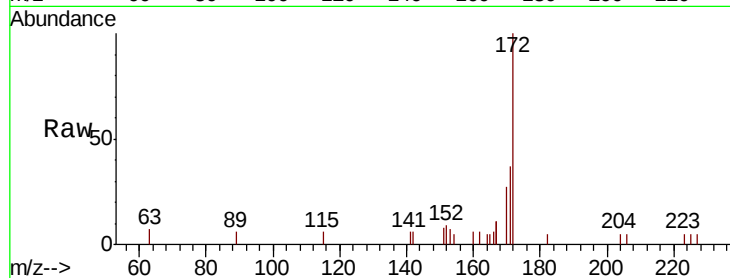
Tgt Ion:172 Resp: 2325

Ion Ratio Lower Upper

172 100

171 37.0 31.0 46.4

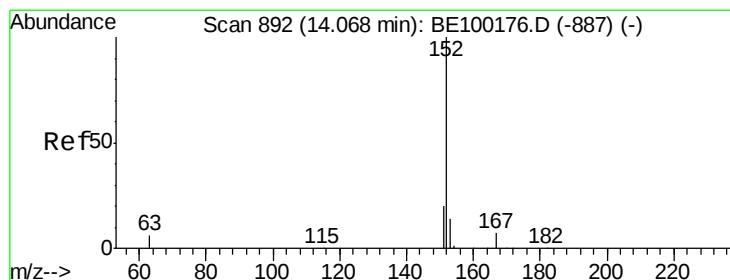
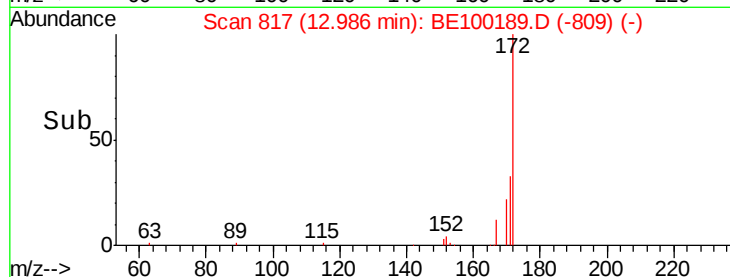
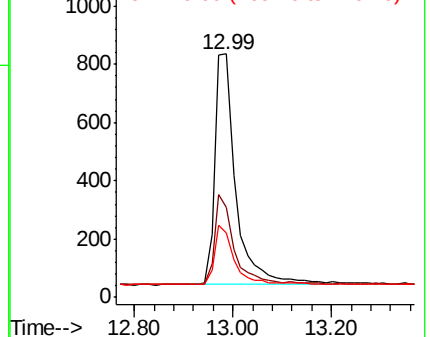
170 26.6 23.9 35.9



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: 0.417 ng

RT: 14.07 min Scan# 892

Delta R.T. -0.00 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

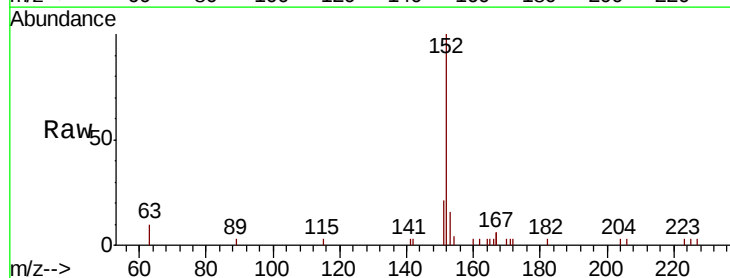
Tgt Ion:152 Resp: 2785

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.0

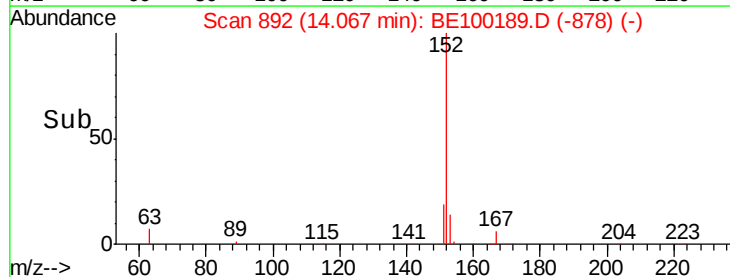
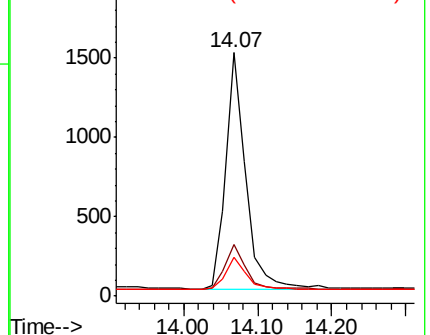
153 14.1 10.8 16.2

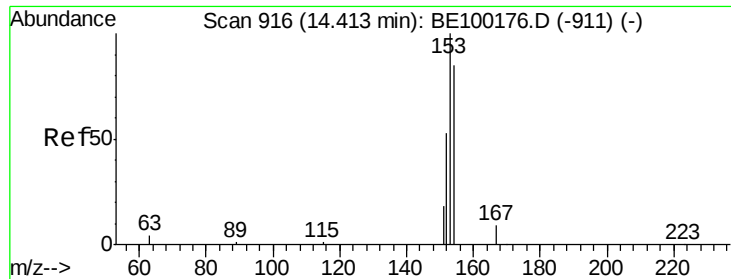


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

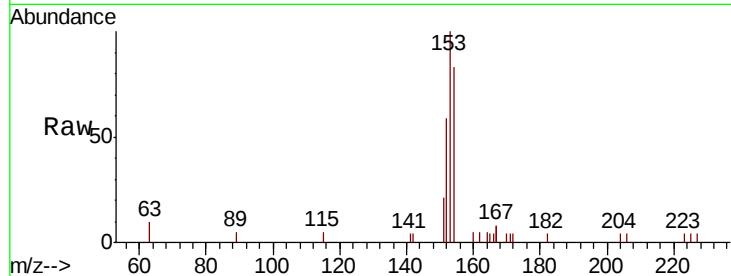




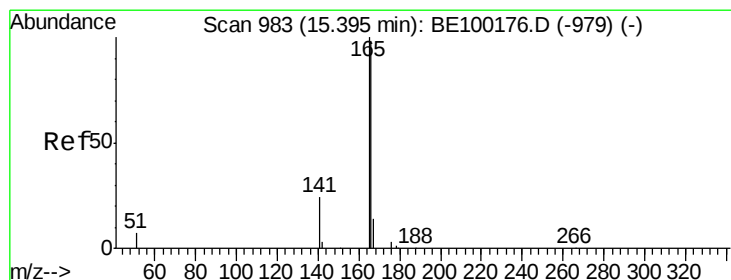
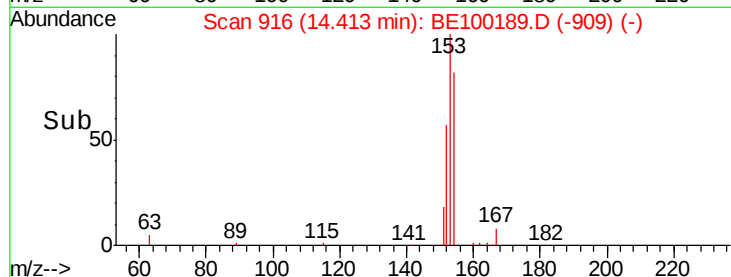
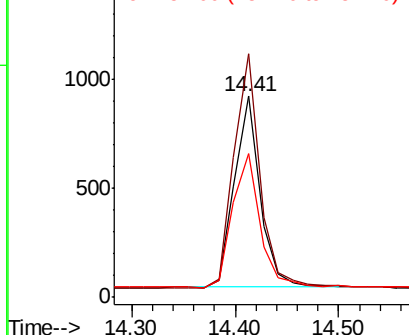
#17
Acenaphthene
Concen: 0.399 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.00 min
Lab File: BE100189.D
Acq: 26 Jun 2019 11:28

Instrument :
BNA_E
ClientSampleId :
PB120704BS

Tgt Ion:154 Resp: 1494
Ion Ratio Lower Upper
154 100
153 124.9 95.3 142.9
152 74.7 52.9 79.3

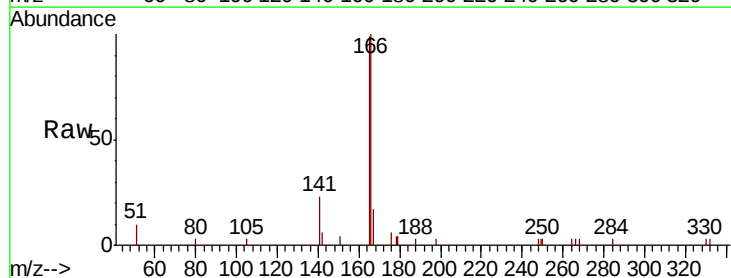


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

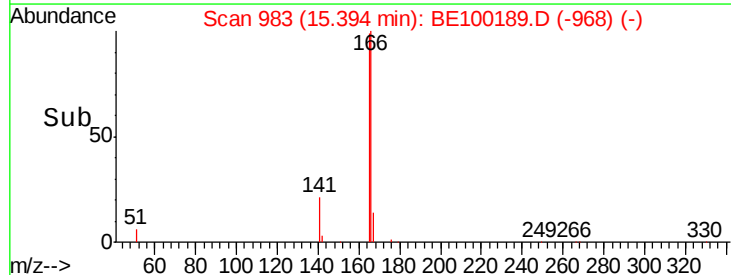
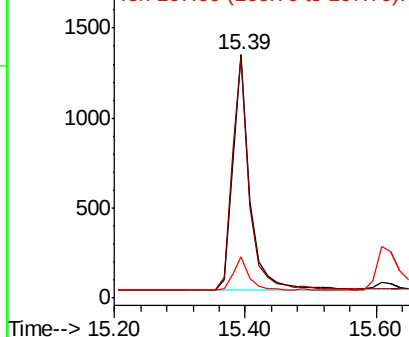


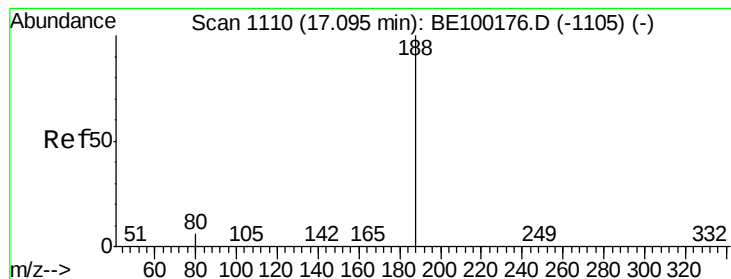
#18
Fluorene
Concen: 0.442 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.00 min
Lab File: BE100189.D
Acq: 26 Jun 2019 11:28

Tgt Ion:166 Resp: 2393
Ion Ratio Lower Upper
166 100
165 99.6 81.0 121.4
167 13.6 11.4 17.0



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: 17.09 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

Instrument :

BNA_E

ClientSampleId :

PB120704BS

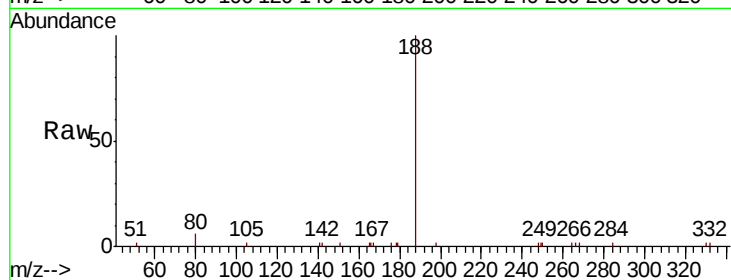
Tgt Ion:188 Resp: 4286

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

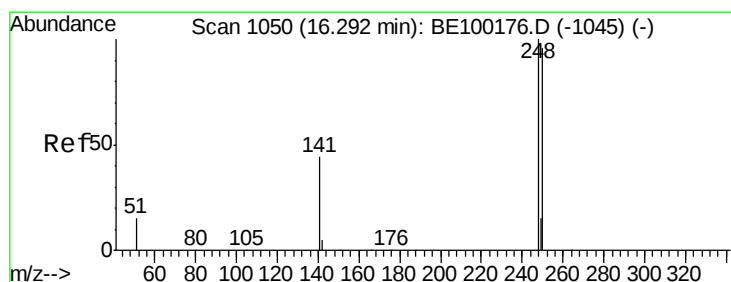
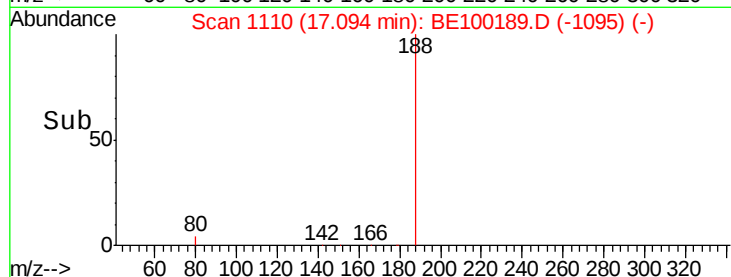
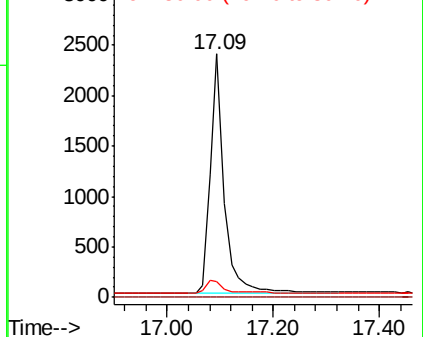
80 6.3 6.4 9.6#



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: 0.408 ng

RT: 16.29 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

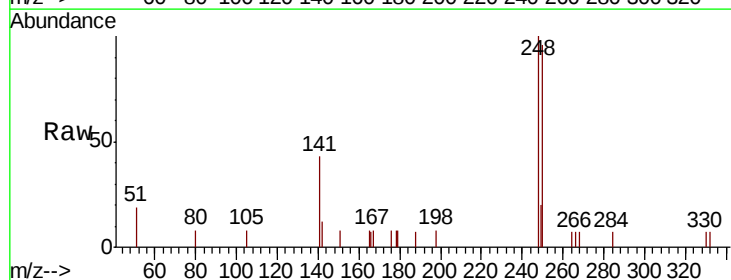
Tgt Ion:248 Resp: 1084

Ion Ratio Lower Upper

248 100

250 96.0 77.1 115.7

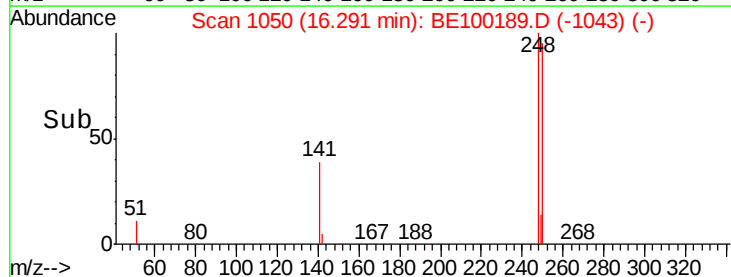
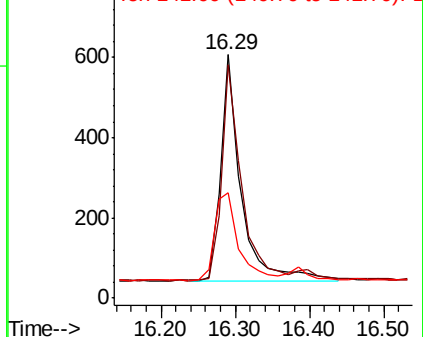
141 43.3 39.5 59.3

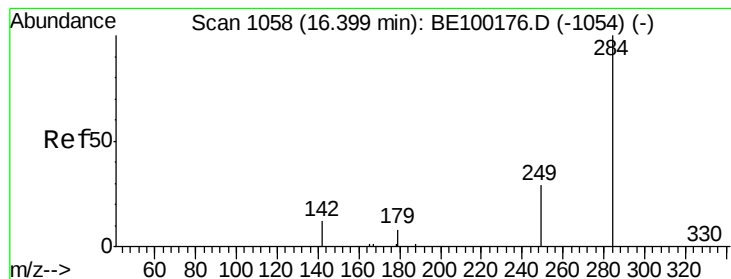


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.419 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

Instrument :

BNA_E

ClientSampleId :

PB120704BS

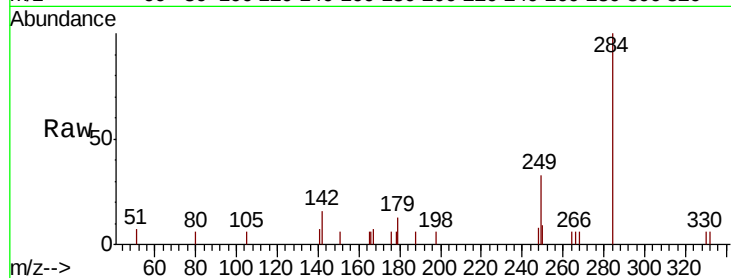
Tgt Ion:284 Resp: 1222

Ion Ratio Lower Upper

284 100

142 22.8 20.1 30.1

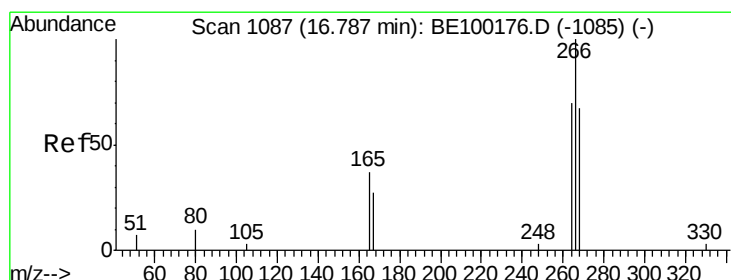
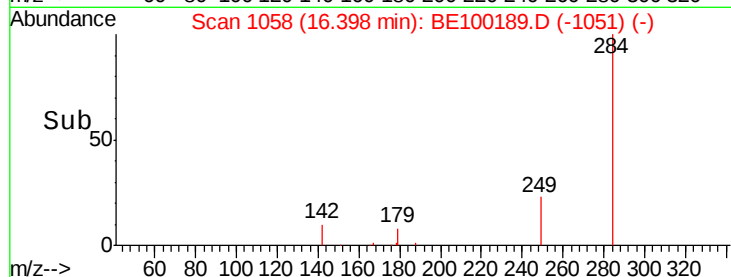
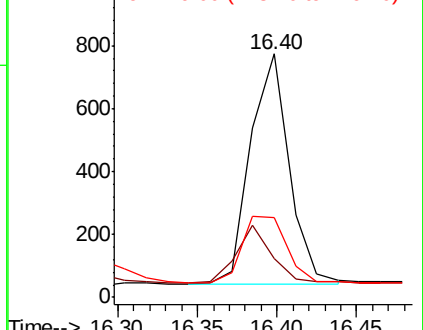
249 32.7 26.2 39.4



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: 2.474 ng

RT: 16.75 min Scan# 1084

Delta R.T. -0.04 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

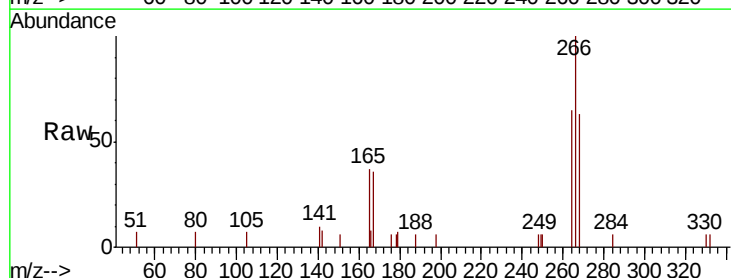
Tgt Ion:266 Resp: 2165

Ion Ratio Lower Upper

266 100

264 65.5 67.7 101.5#

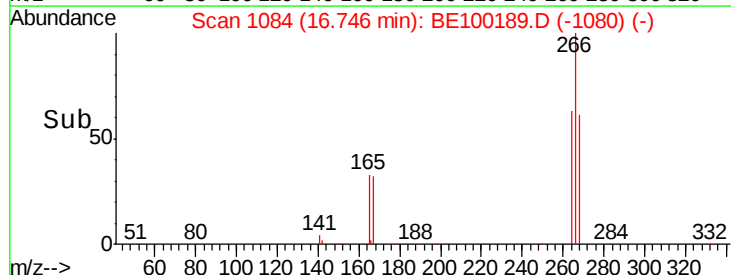
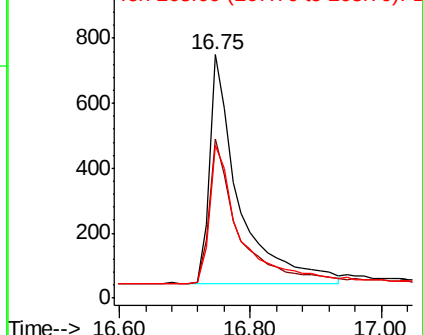
268 62.9 69.8 104.6#

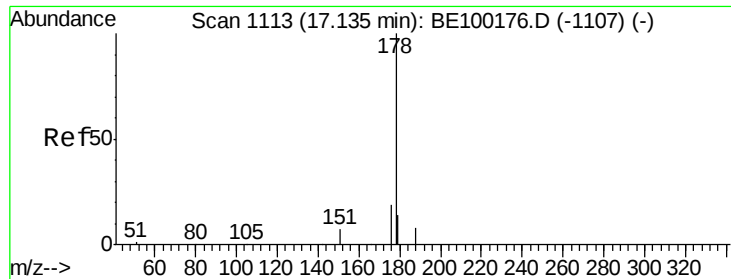


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

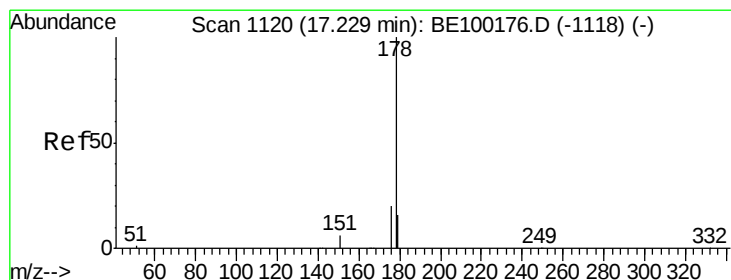
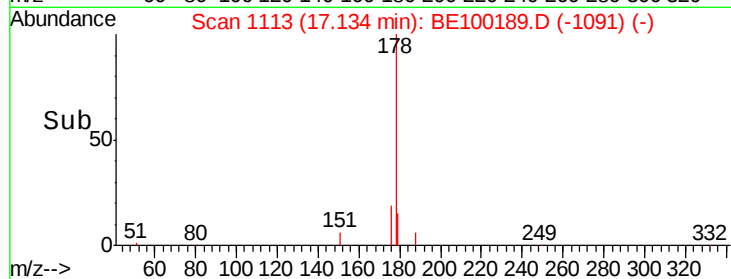
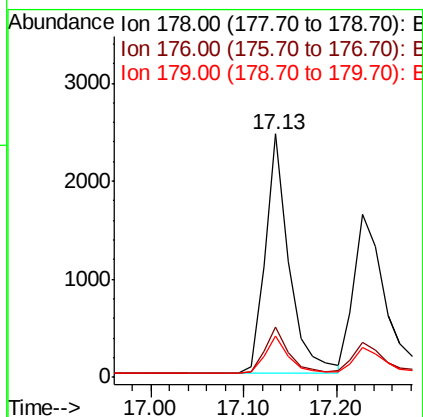
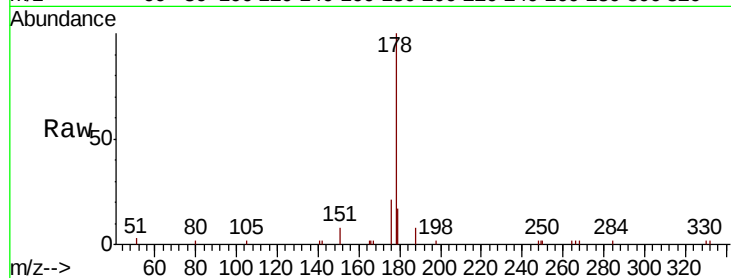




#23
Phenanthrene
Concen: 0.430 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100189.D
Acq: 26 Jun 2019 11:28

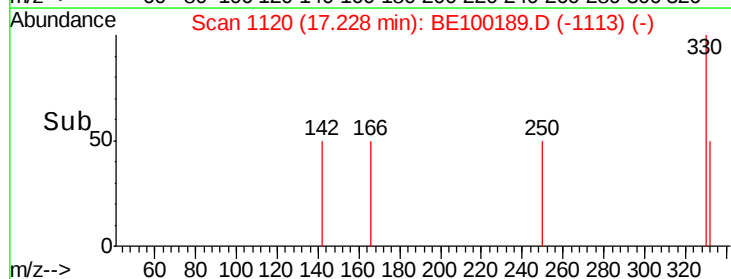
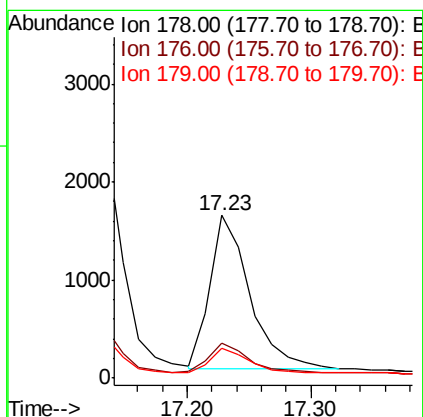
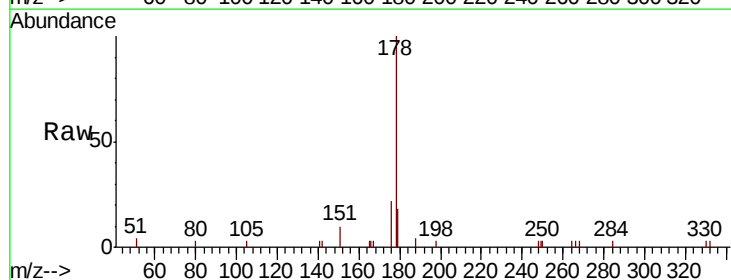
Instrument :
BNA_E
ClientSampleId :
PB120704BS

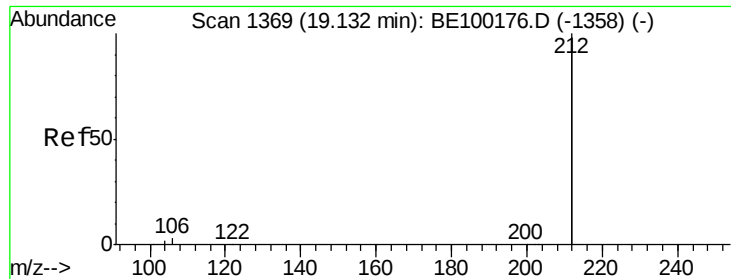
Tgt Ion:178 Resp: 4366
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 15.0 12.2 18.2



#24
Anthracene
Concen: 0.403 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE100189.D
Acq: 26 Jun 2019 11:28

Tgt Ion:178 Resp: 3456
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.5 12.9 19.3





#25

Fluoranthene-d10

Concen: 0.380 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

Instrument :

BNA_E

ClientSampleId :

PB120704BS

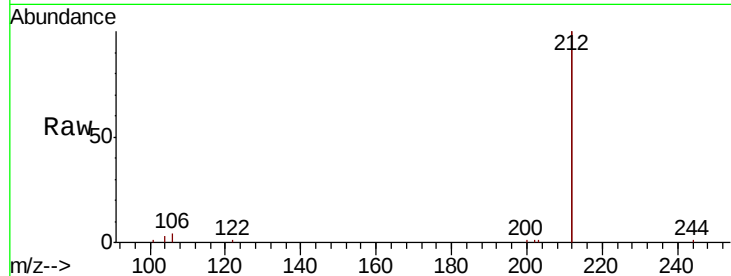
Tgt Ion:212 Resp: 23460

Ion Ratio Lower Upper

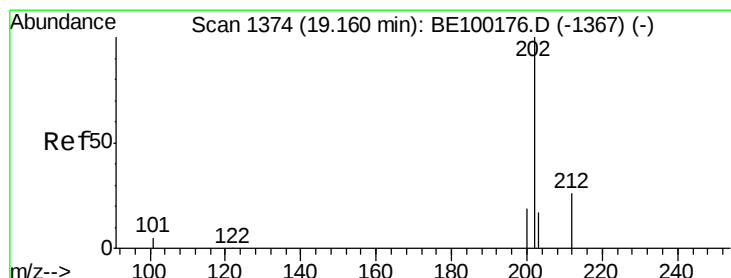
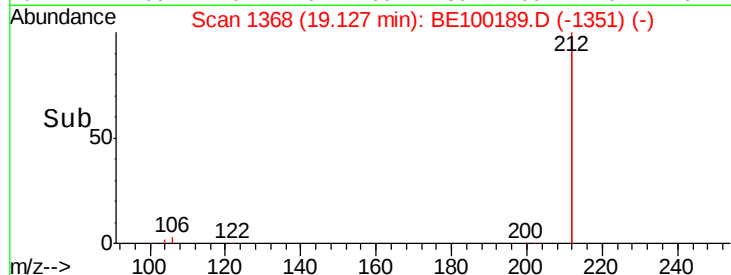
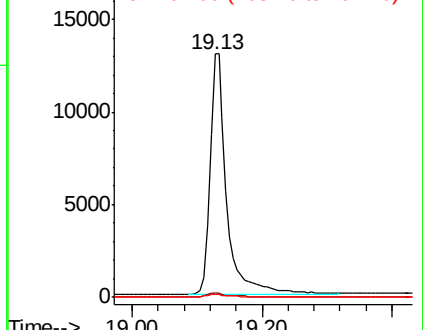
212 100

106 1.6 1.3 1.9

104 1.0 0.7 1.1



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: 0.413 ng

RT: 19.16 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

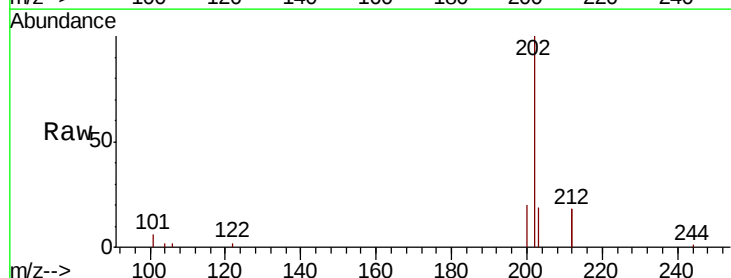
Tgt Ion:202 Resp: 6819

Ion Ratio Lower Upper

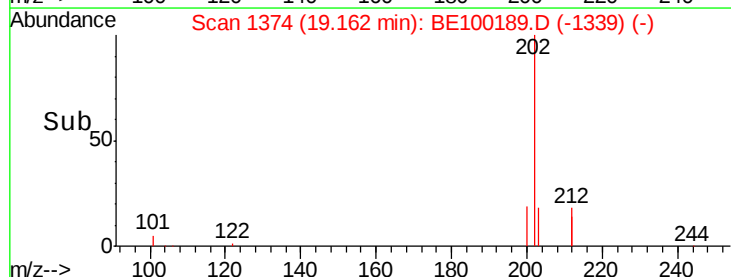
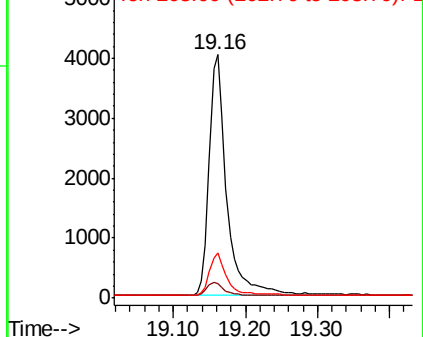
202 100

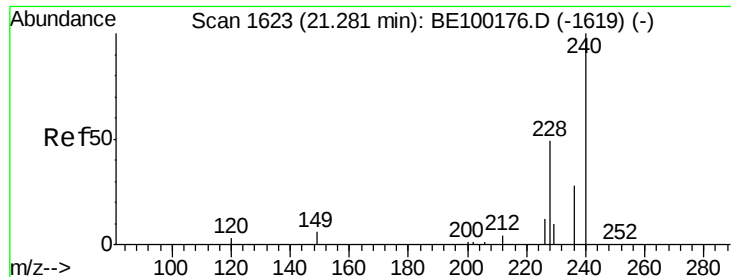
101 5.4 4.5 6.7

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: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

Instrument :

BNA_E

ClientSampleId :

PB120704BS

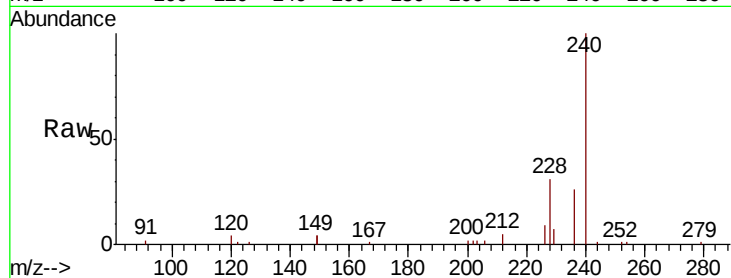
Tgt Ion:240 Resp: 6698

Ion Ratio Lower Upper

240 100

120 4.0 4.1 6.1#

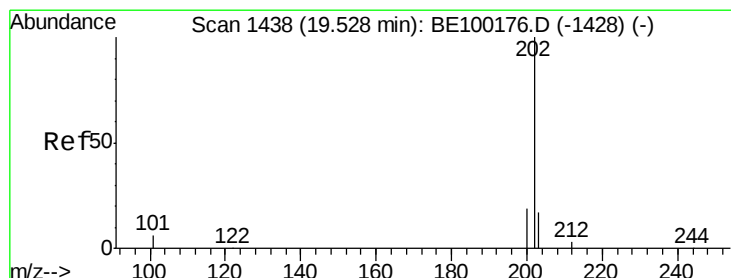
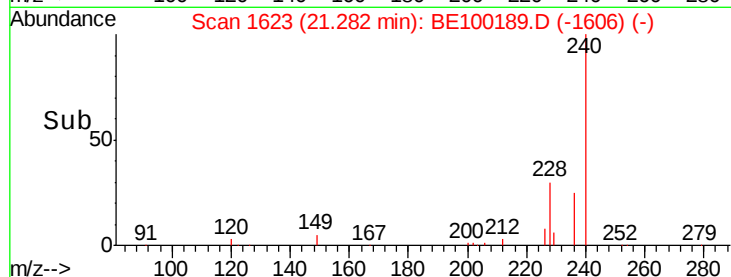
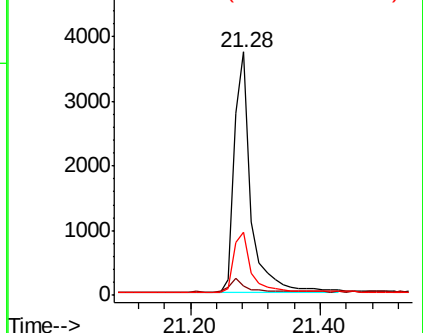
236 26.0 23.0 34.6



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: 0.392 ng

RT: 19.52 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

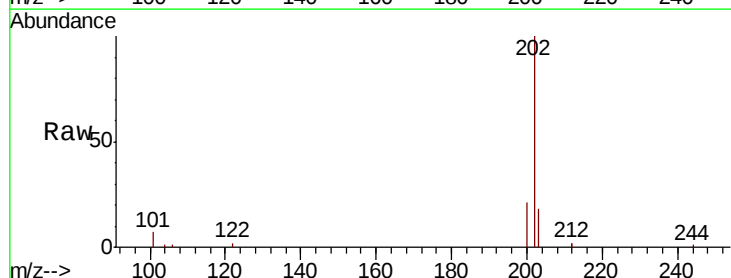
Tgt Ion:202 Resp: 6729

Ion Ratio Lower Upper

202 100

200 19.7 15.5 23.3

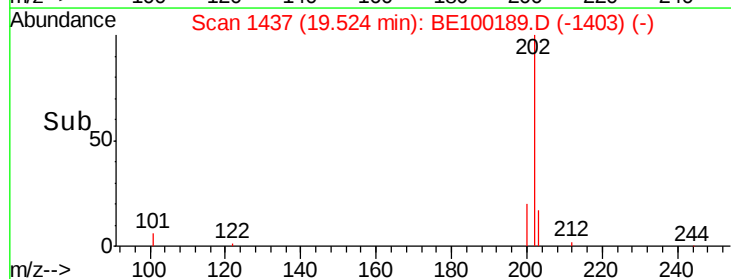
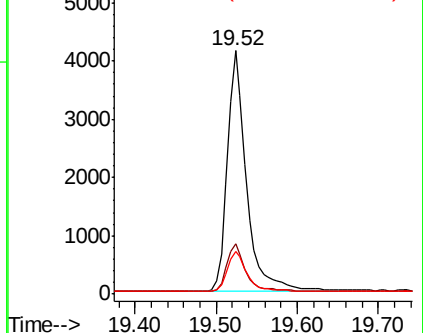
203 17.2 13.9 20.9

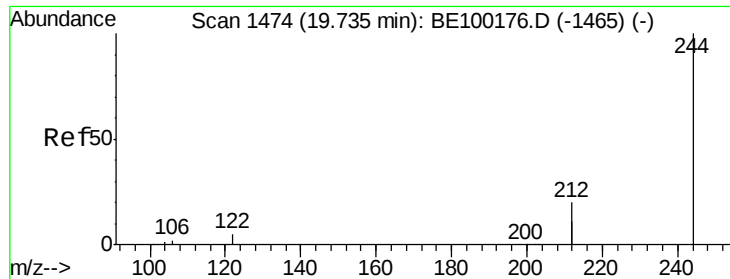


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.358 ng

RT: 19.73 min Scan# 1473

Delta R.T. -0.00 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

Instrument :

BNA_E

ClientSampleId :

PB120704BS

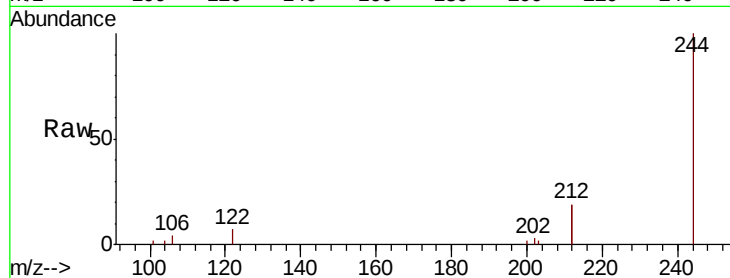
Tgt Ion:244 Resp: 4711

Ion Ratio Lower Upper

244 100

212 37.8 30.7 46.1

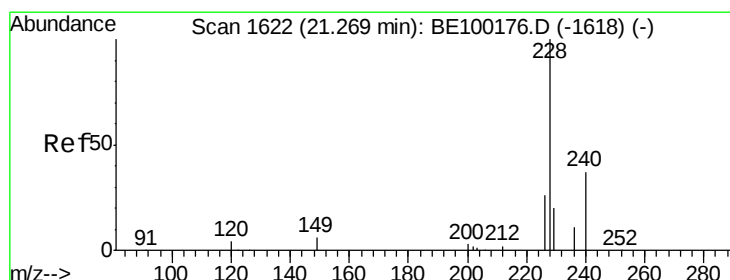
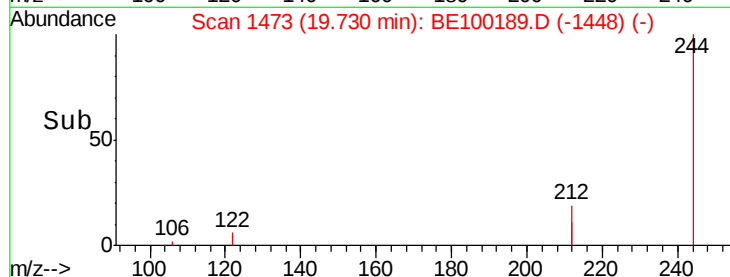
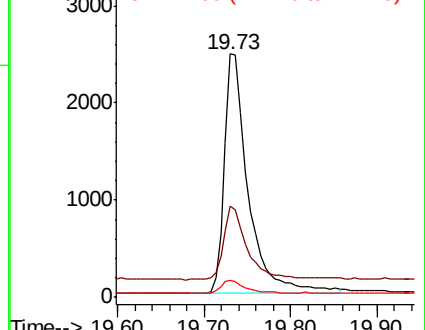
122 7.3 5.8 8.6



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: 0.391 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

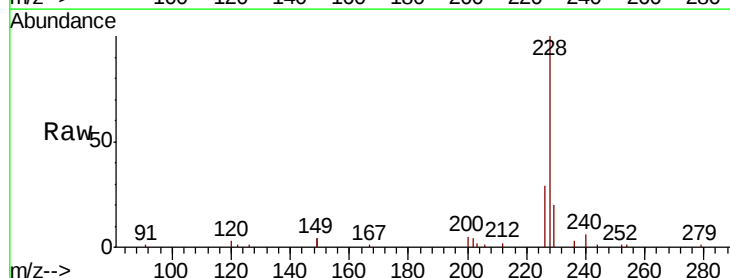
Tgt Ion:228 Resp: 7723

Ion Ratio Lower Upper

228 100

226 29.2 21.5 32.3

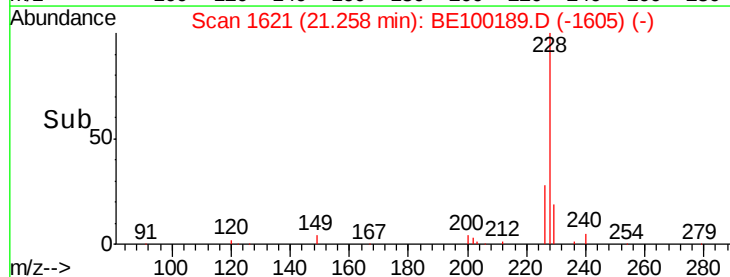
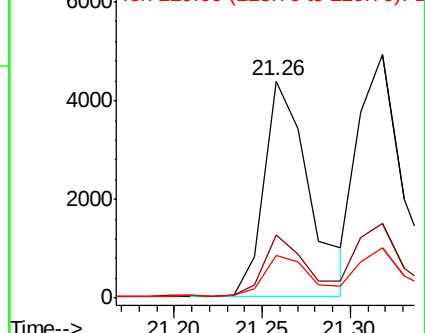
229 19.6 17.2 25.8

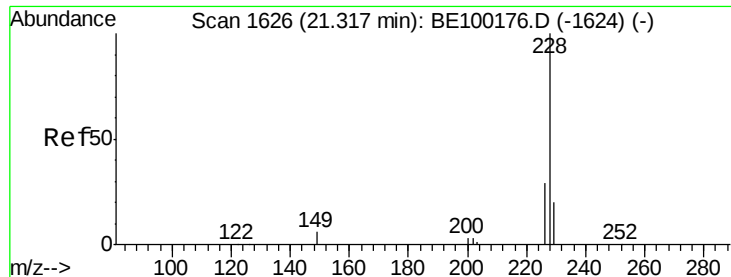


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.365 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

Instrument :

BNA_E

ClientSampleId :

PB120704BS

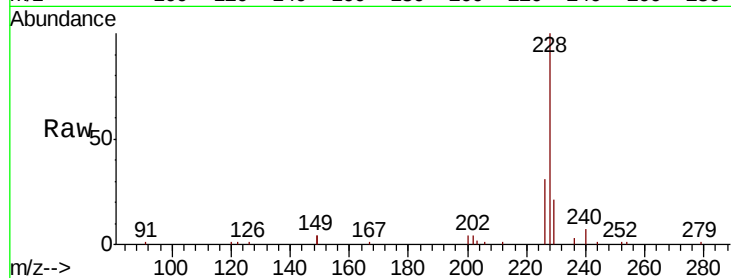
Tgt Ion:228 Resp: 8458

Ion Ratio Lower Upper

228 100

226 30.6 23.7 35.5

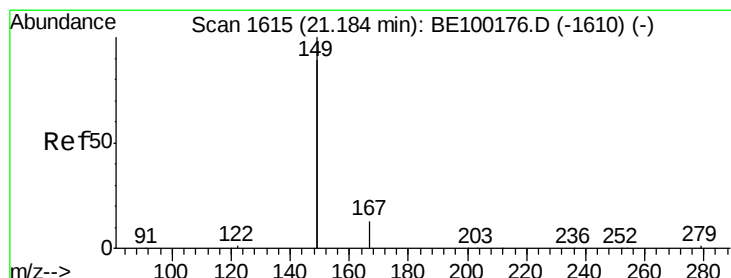
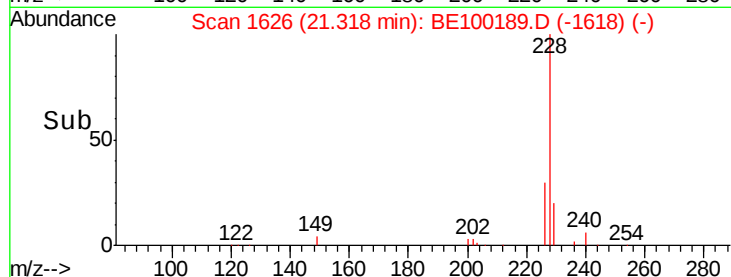
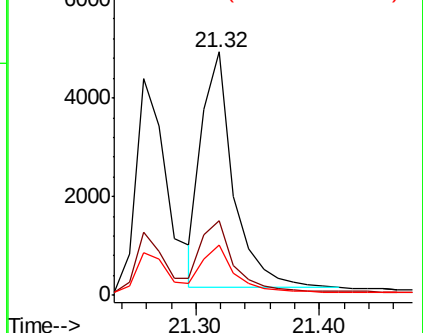
229 20.7 16.5 24.7



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: 0.270 ng

RT: 21.19 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

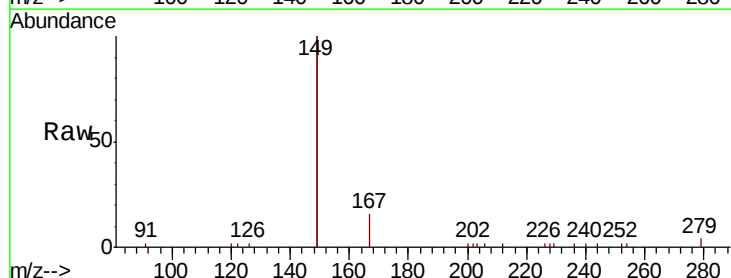
Tgt Ion:149 Resp: 6139

Ion Ratio Lower Upper

149 100

167 7.6 5.9 8.9

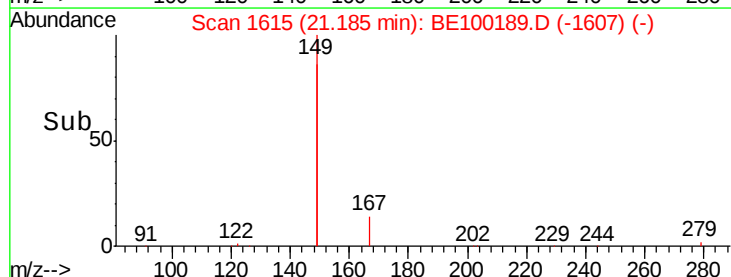
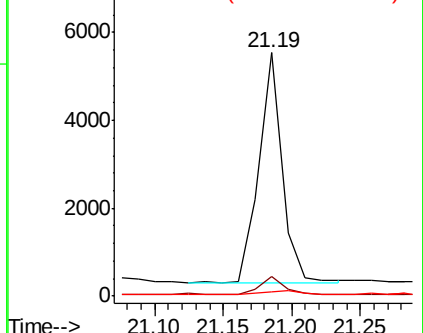
279 1.7 1.0 1.6#

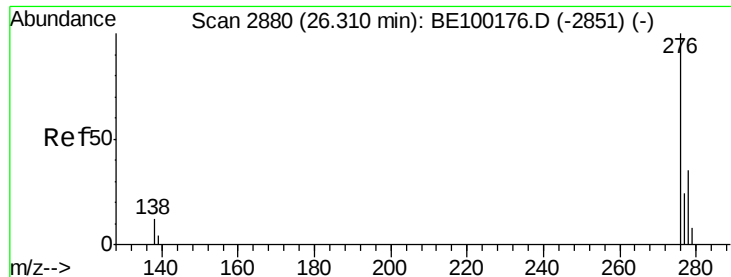


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.342 ng

RT: 26.31 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

Instrument :

BNA_E

ClientSampleId :

PB120704BS

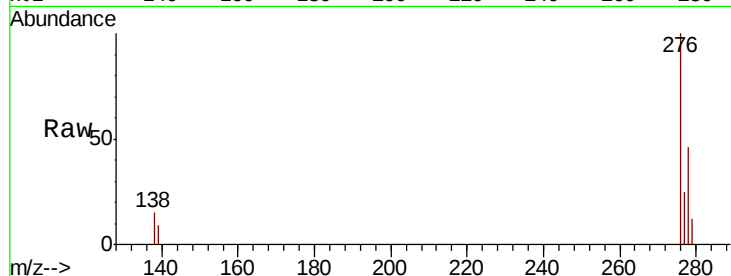
Tgt Ion:276 Resp: 11260

Ion Ratio Lower Upper

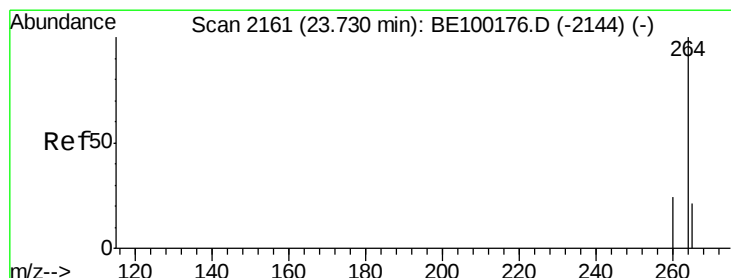
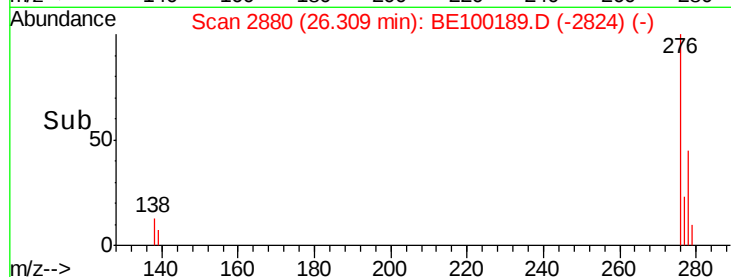
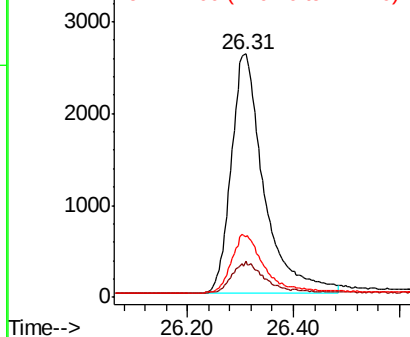
276 100

138 12.4 3.7 5.5#

277 24.4 18.7 28.1



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: 23.73 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

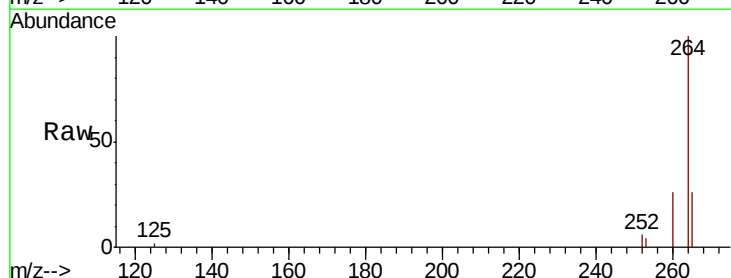
Tgt Ion:264 Resp: 7185

Ion Ratio Lower Upper

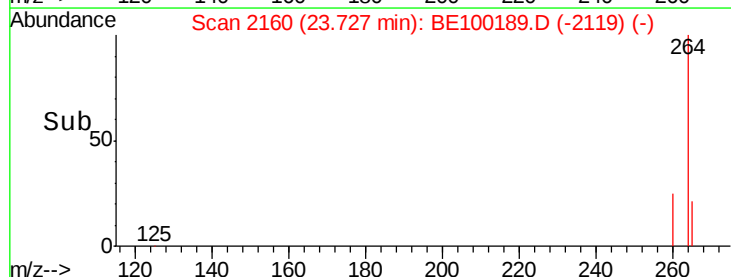
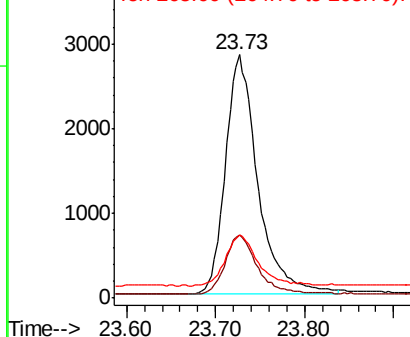
264 100

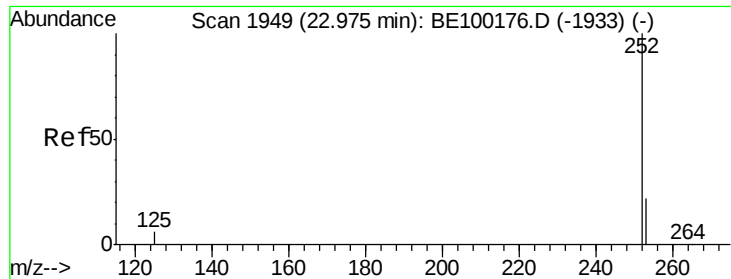
260 25.7 20.4 30.6

265 26.0 22.5 33.7



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

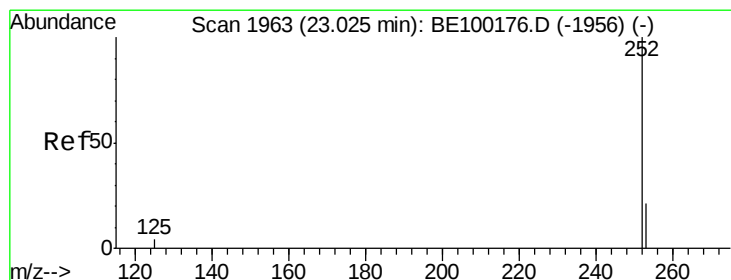
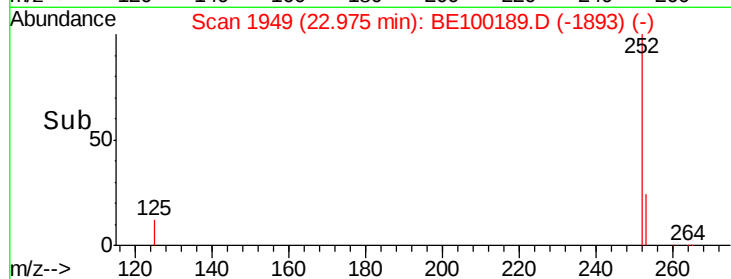
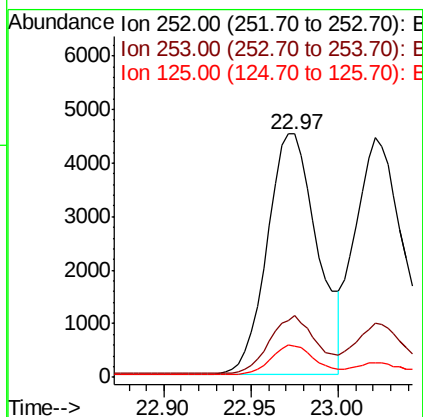
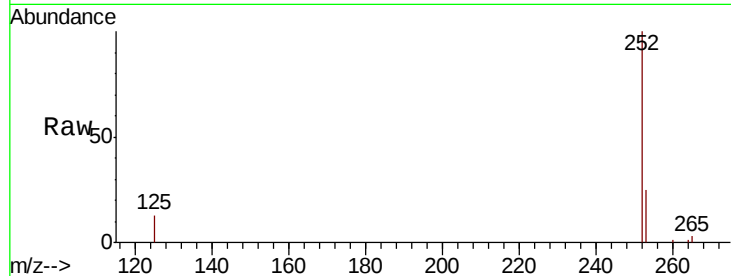




#35
Benzo(b)fluoranthene
Concen: 0.463 ng
RT: 22.97 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BE100189.D
Acq: 26 Jun 2019 11:28

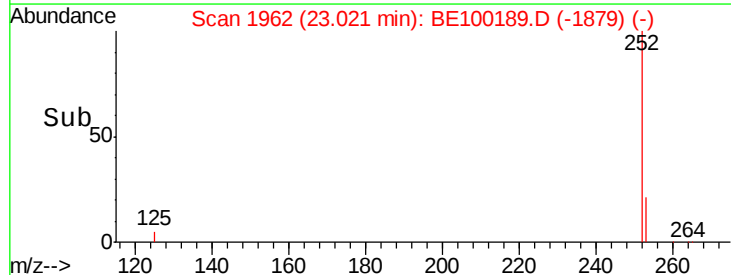
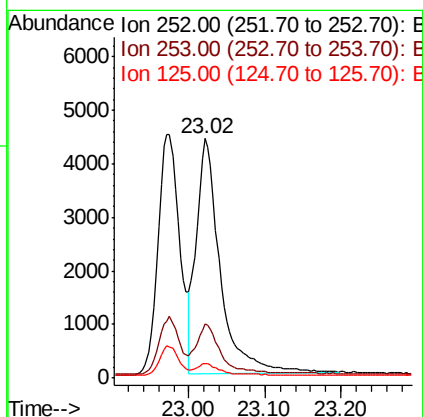
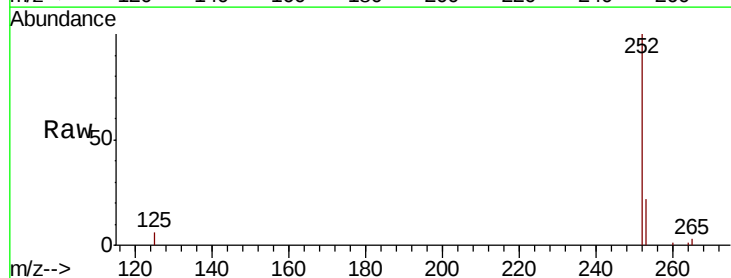
Instrument :
BNA_E
ClientSampleId :
PB120704BS

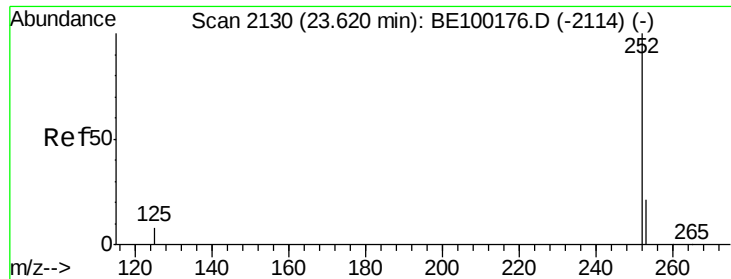
Tgt Ion:252 Resp: 8949
Ion Ratio Lower Upper
252 100
253 25.3 19.0 28.4
125 13.0 6.3 9.5#



#36
Benzo(k)fluoranthene
Concen: 0.420 ng
RT: 23.02 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BE100189.D
Acq: 26 Jun 2019 11:28

Tgt Ion:252 Resp: 9711
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 6.2 5.0 7.4





#37

Benzo(a)pyrene

Concen: 0.437 ng

RT: 23.62 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

Instrument :

BNA_E

ClientSampleId :

PB120704BS

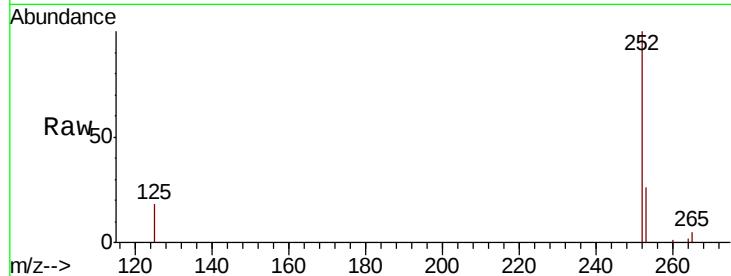
Tgt Ion:252 Resp: 8746

Ion Ratio Lower Upper

252 100

253 25.9 19.2 28.8

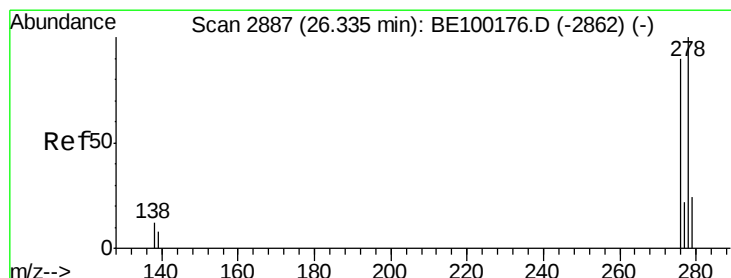
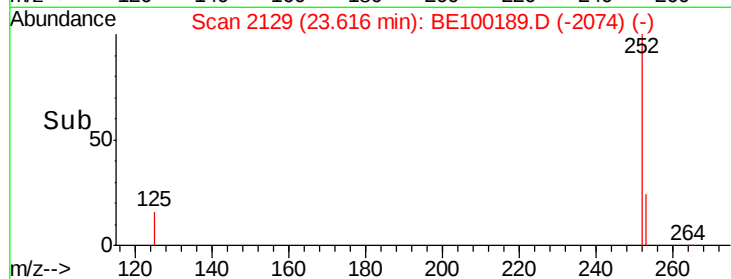
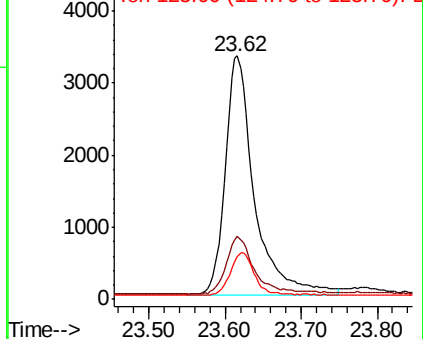
125 17.6 8.2 12.2#



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: 0.413 ng

RT: 26.33 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

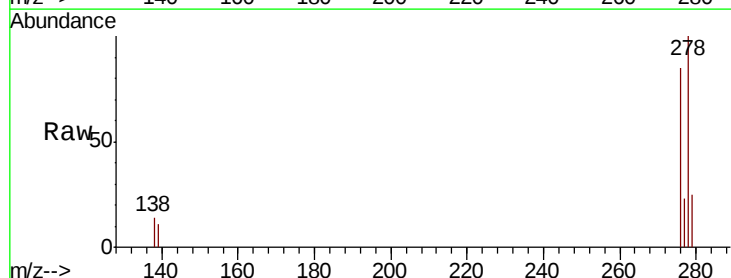
Tgt Ion:278 Resp: 8836

Ion Ratio Lower Upper

278 100

139 10.6 9.0 13.4

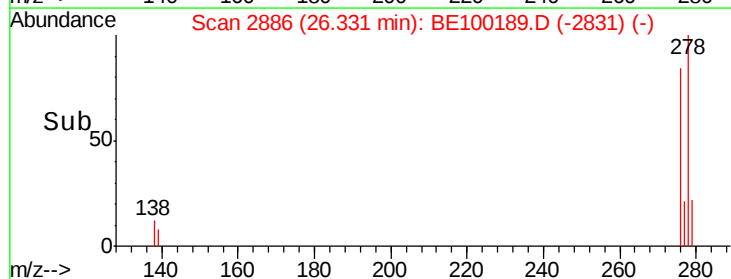
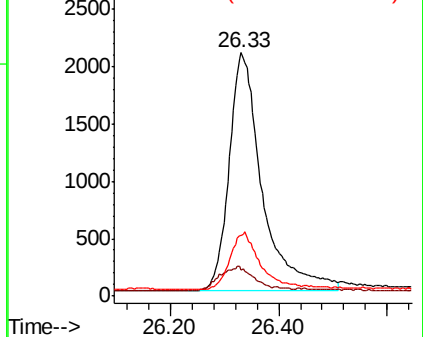
279 24.9 21.1 31.7

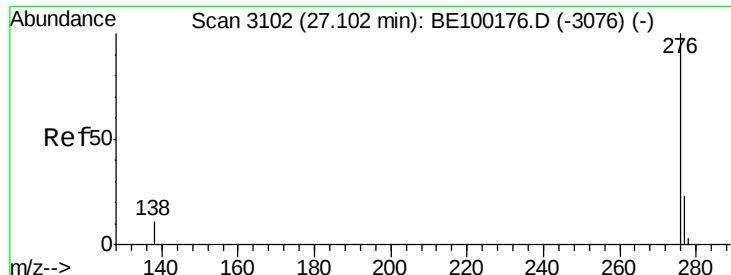


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.404 ng

RT: 27.09 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

Instrument :

BNA_E

ClientSampleId :

PB120704BS

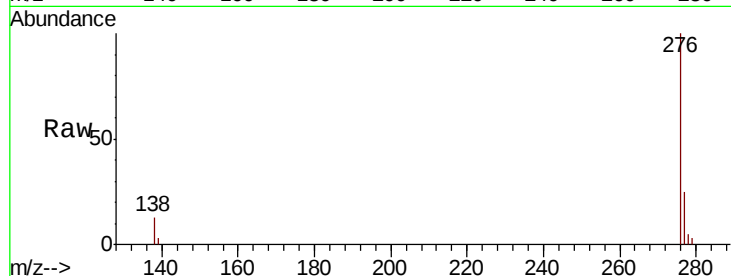
Tgt Ion: 276 Resp: 9024

Ion Ratio Lower Upper

276 100

277 25.1 19.8 29.6

138 12.7 10.2 15.4



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

