

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062619\
 Data File : BE100189.D
 Acq On : 26 Jun 2019 11:28
 Operator : JU/SJ
 Sample : PB120704BS
 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

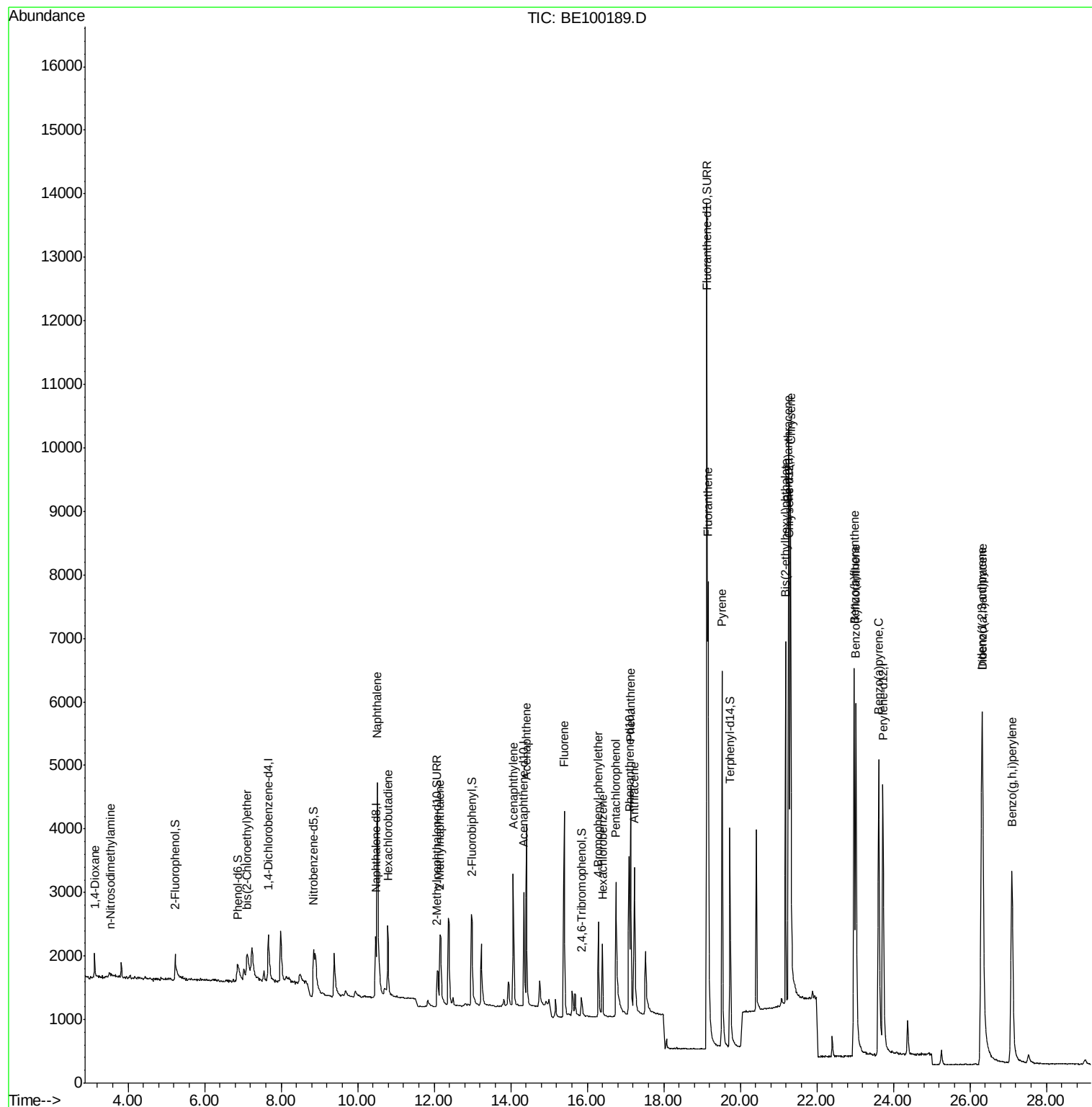
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	336	0.416 ng	#	94
3) n-Nitrosodimethylamine	3.53	42	105	0.351 ng	#	11
6) bis(2-Chloroethyl)ether	7.11	93	520	0.360 ng	#	91
9) Naphthalene	10.51	128	8387	0.432 ng		99
10) Hexachlorobutadiene	10.78	225	874	0.436 ng		99
12) 2-Methylnaphthalene	12.15	142	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

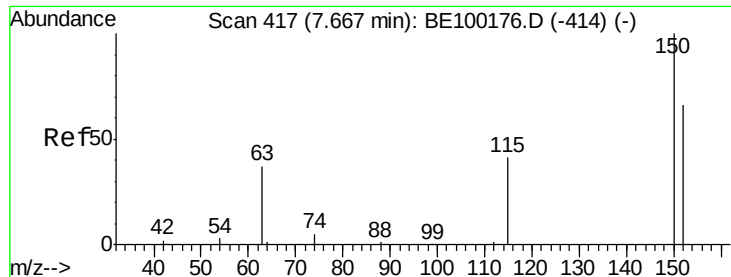
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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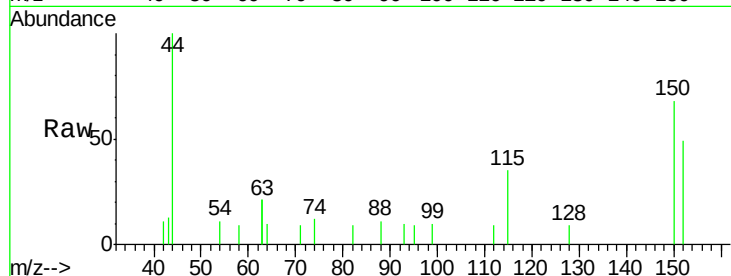


#1

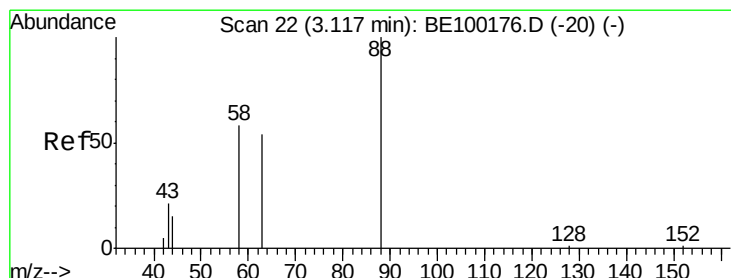
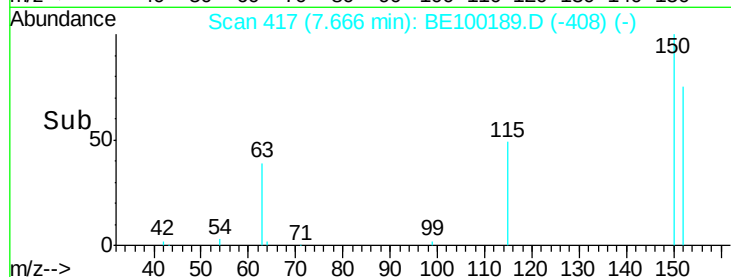
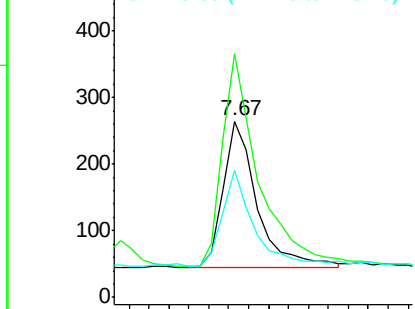
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.67 min Scan# 417
Delta R.T. -0.00 min
Lab File: BE100189.D
Acq: 26 Jun 2019 11:28

Instrument :
BNA_E
ClientSampleId :
PB120704BS

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



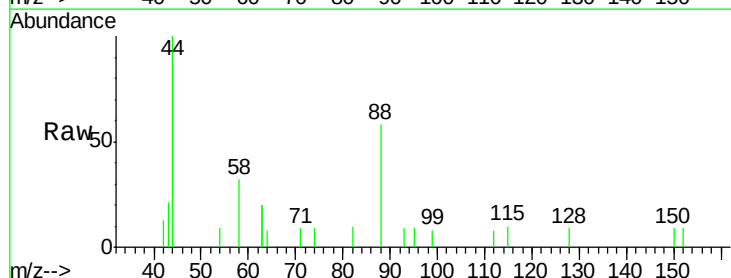
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



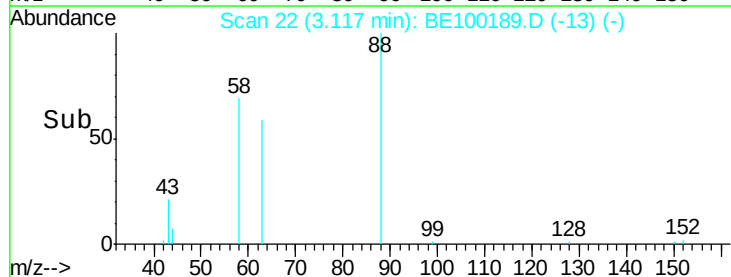
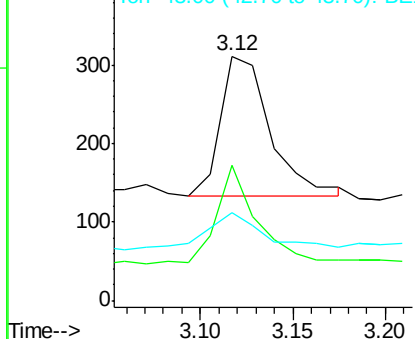
#2

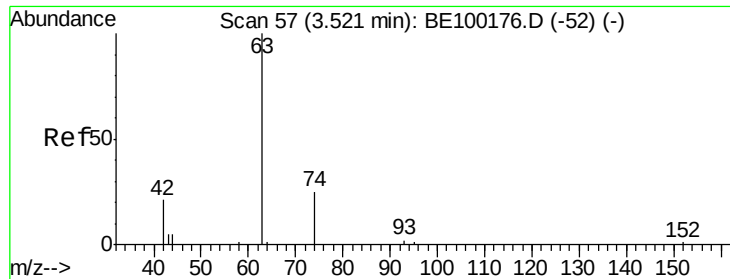
1,4-Dioxane
Concen: 0.416 ng
RT: 3.12 min Scan# 22
Delta R.T. -0.00 min
Lab File: BE100189.D
Acq: 26 Jun 2019 11:28

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

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

Instrument :

BNA_E

ClientSampleId :

PB120704BS

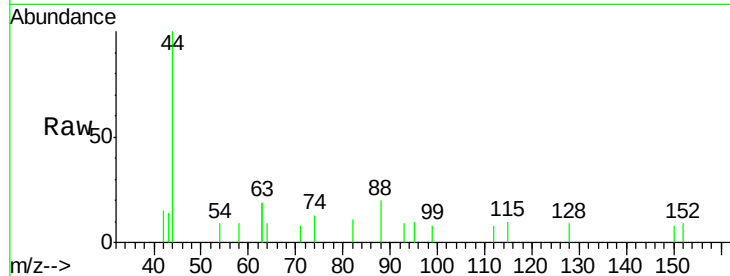
Tgt Ion: 42 Resp: 105

Ion Ratio Lower Upper

42 100

74 118.1 193.2 289.8#

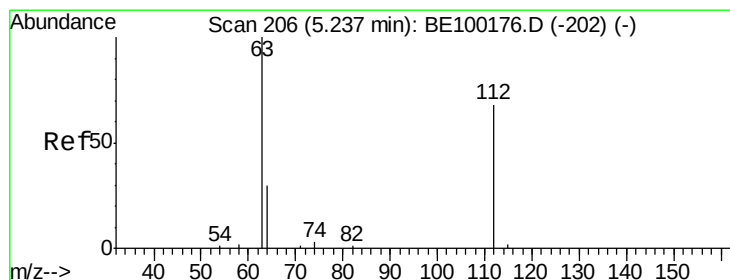
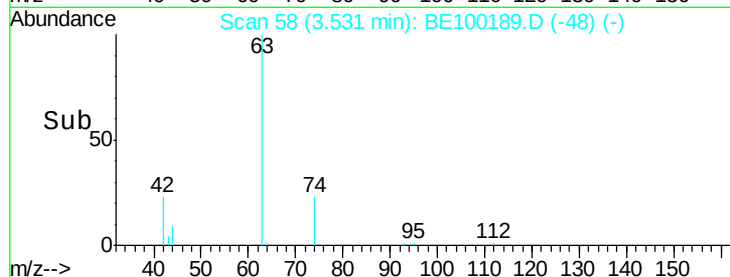
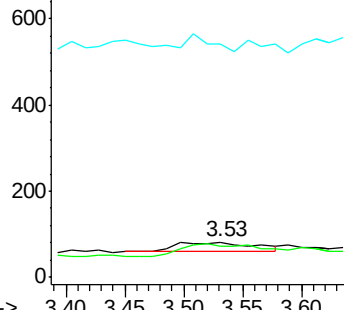
44 0.0 114.5 171.7#



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

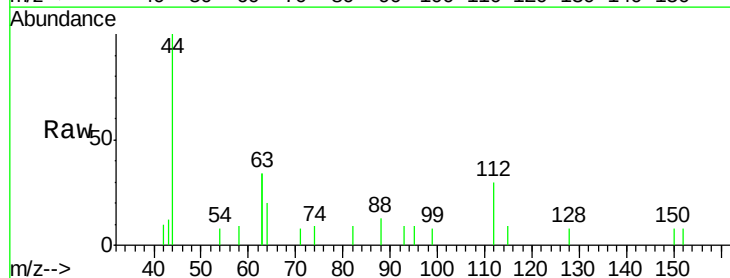
Tgt Ion: 112 Resp: 464

Ion Ratio Lower Upper

112 100

64 53.7 40.7 61.1

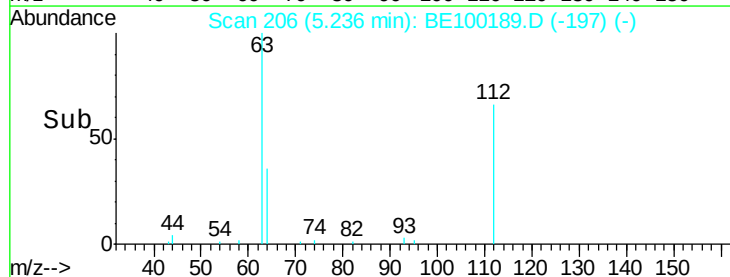
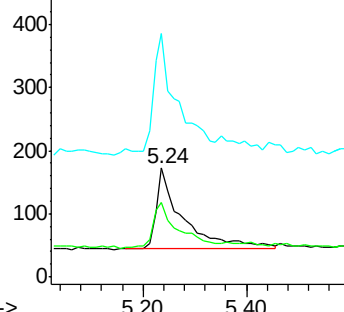
63 120.0 93.2 139.8

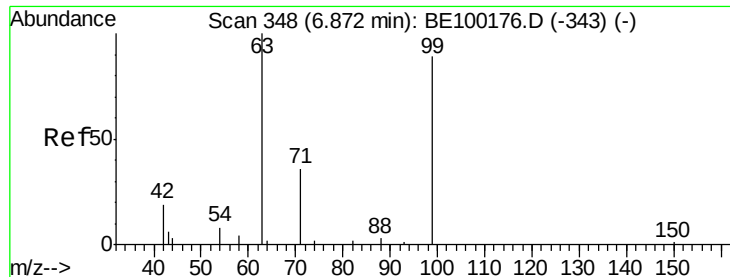


Abundance Ion 112.00 (111.70 to 112.70): BE1

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

Instrument :

BNA_E

ClientSampleId :

PB120704BS

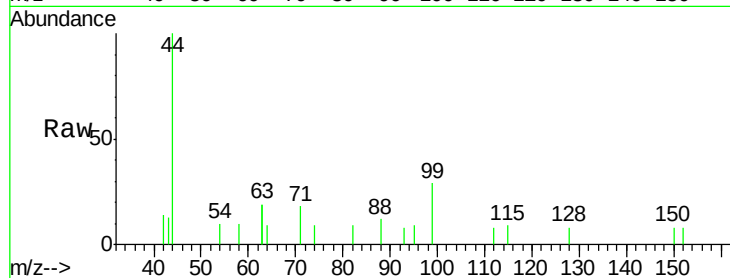
Tgt Ion: 99 Resp: 601

Ion Ratio Lower Upper

99 100

42 18.8 10.4 15.6#

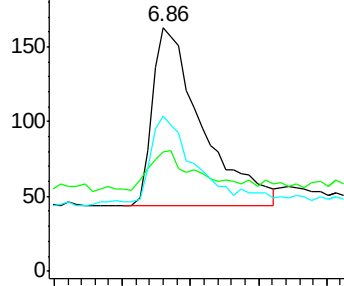
71 44.4 32.4 48.6



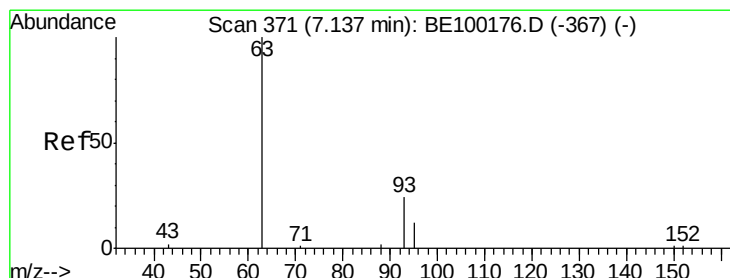
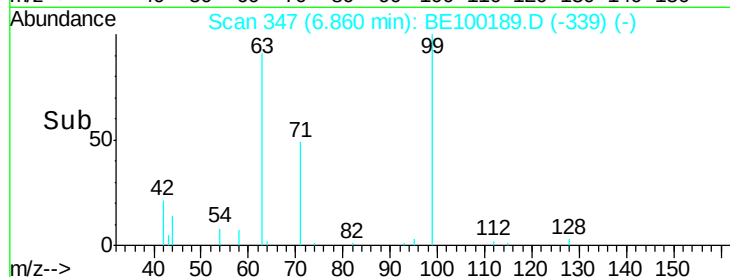
Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



Time--> 6.70 6.80 6.90 7.00 7.10



#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

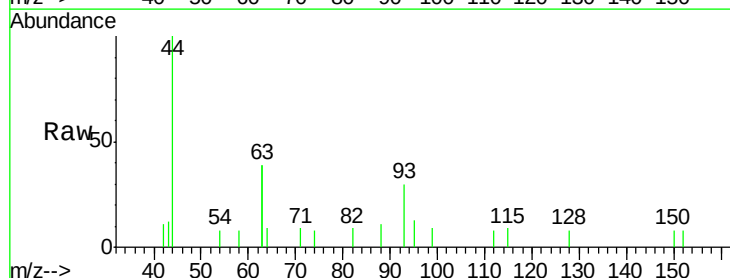
Tgt Ion: 93 Resp: 520

Ion Ratio Lower Upper

93 100

63 202.7 0.0 0.0#

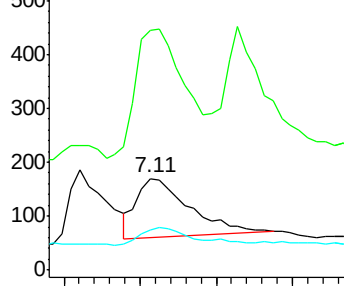
95 30.8 21.0 31.6



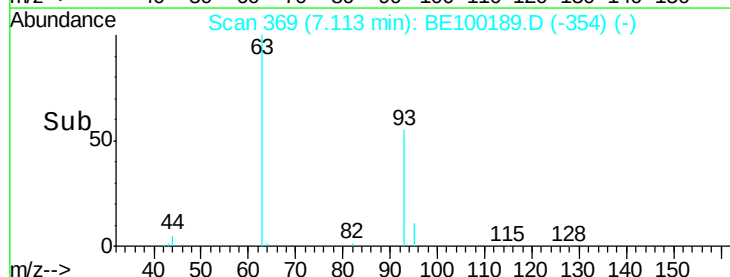
Abundance Ion 93.00 (92.70 to 93.70): BE1

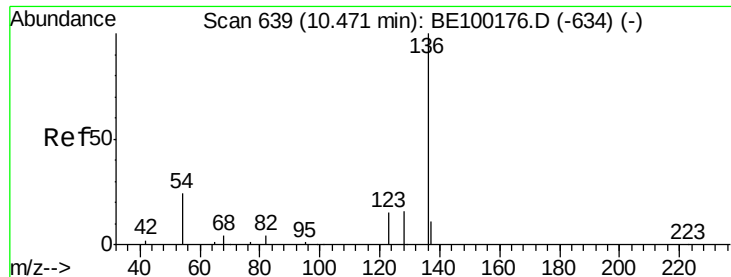
Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1



Time--> 7.00 7.10 7.20 7.30





#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 :

BNA_E

ClientSampleId :

PB120704BS

Tgt Ion: 136 Resp: 1779

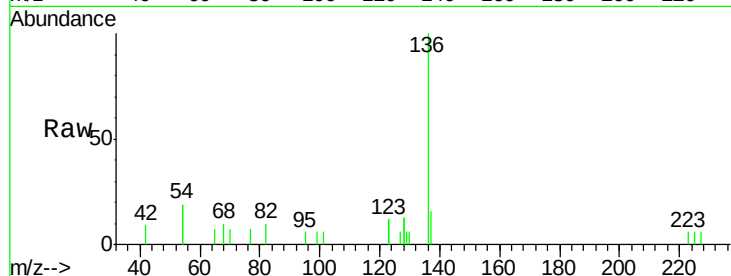
Ion Ratio Lower Upper

136 100

137 15.7 13.8 20.8

54 38.6 35.4 53.2

68 9.7 8.8 13.2

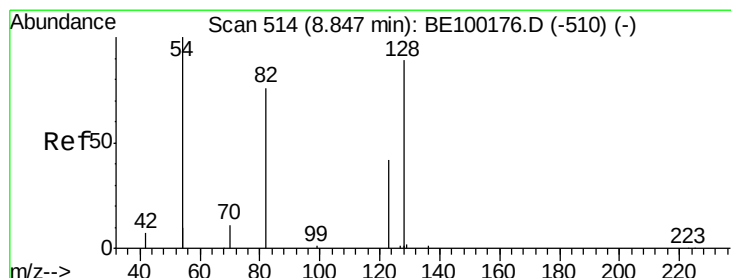
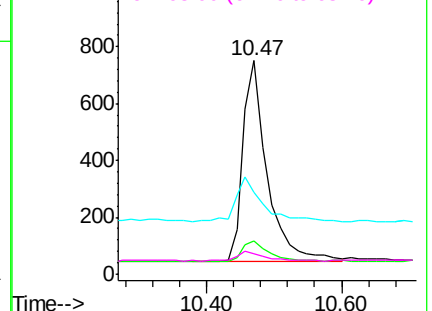
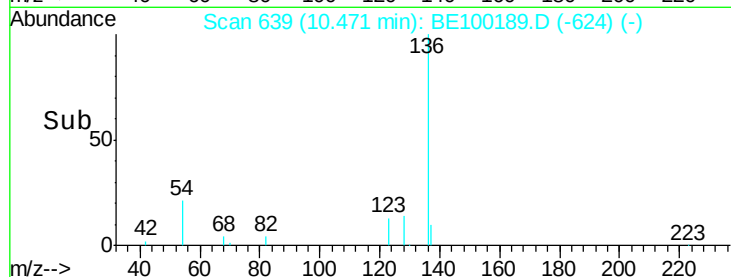


Abundance Ion 136.00 (135.70 to 136.70): E

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

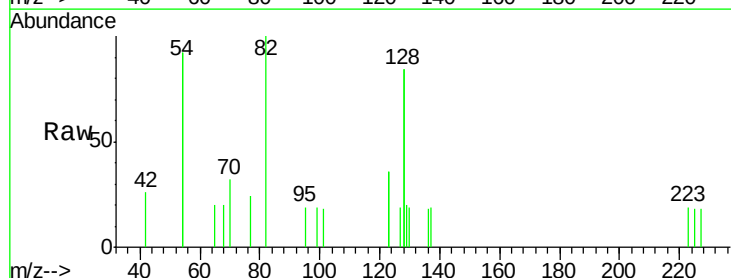
Tgt Ion: 82 Resp: 709

Ion Ratio Lower Upper

82 100

128 167.6 144.6 217.0

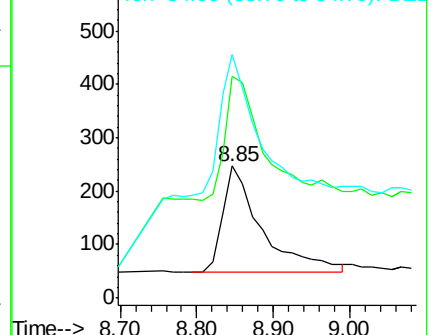
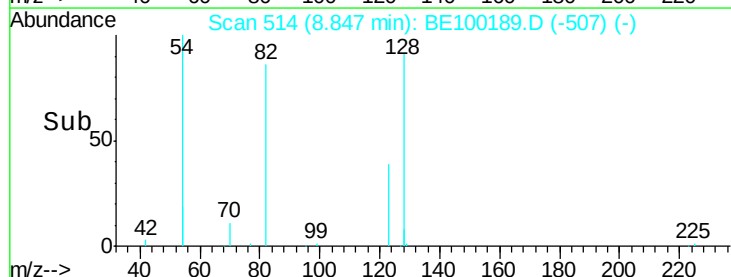
54 184.6 163.0 244.6

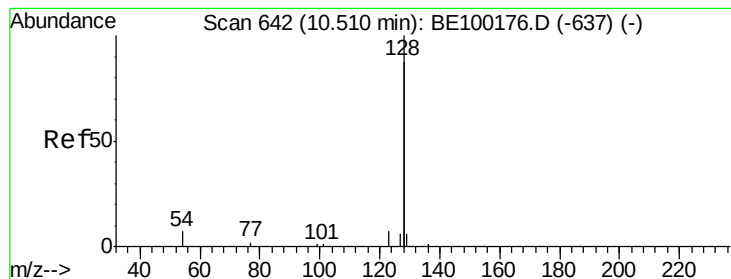


Abundance Ion 82.00 (81.70 to 82.70): BE1

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

Instrument :

BNA_E

ClientSampleId :

PB120704BS

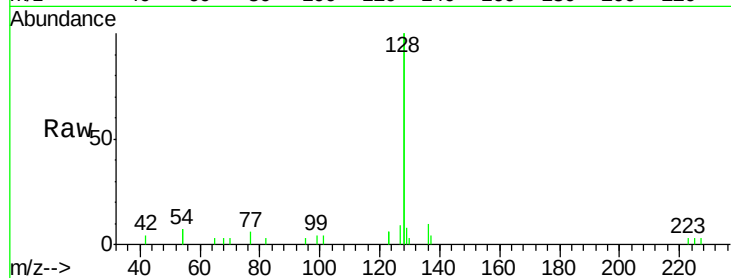
Tgt Ion:128 Resp: 8387

Ion Ratio Lower Upper

128 100

129 4.2 3.6 5.4

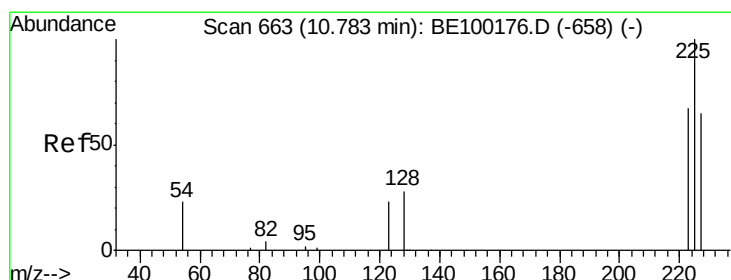
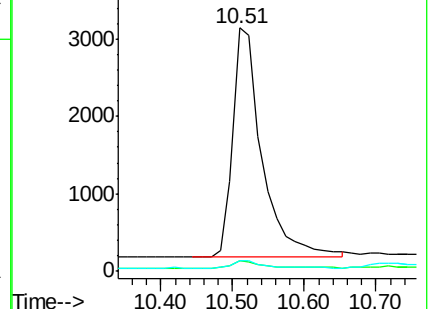
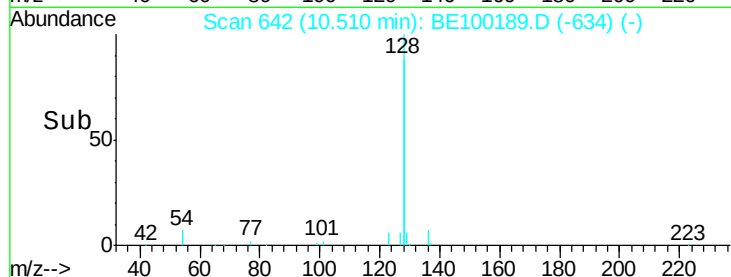
127 4.5 3.8 5.8



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

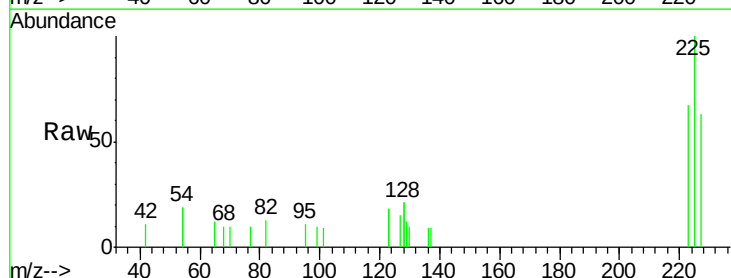
Tgt Ion:225 Resp: 874

Ion Ratio Lower Upper

225 100

223 61.2 50.1 75.1

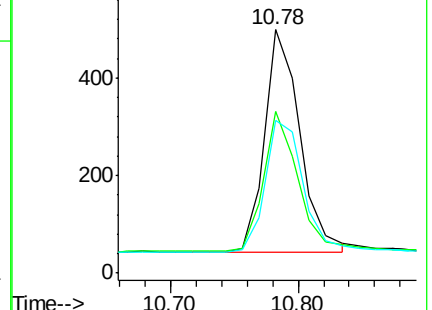
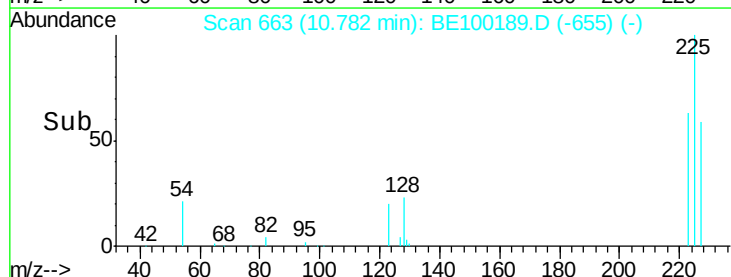
227 64.1 50.9 76.3

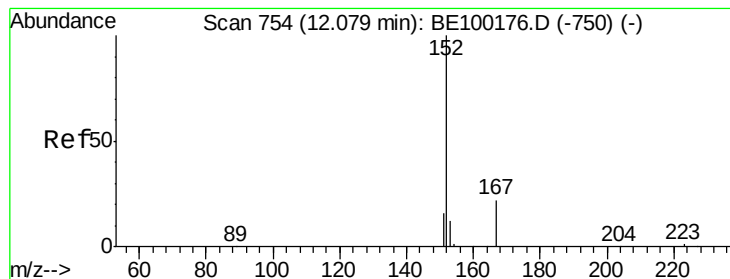


Abundance Ion 225.00 (224.70 to 225.70): E

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 :

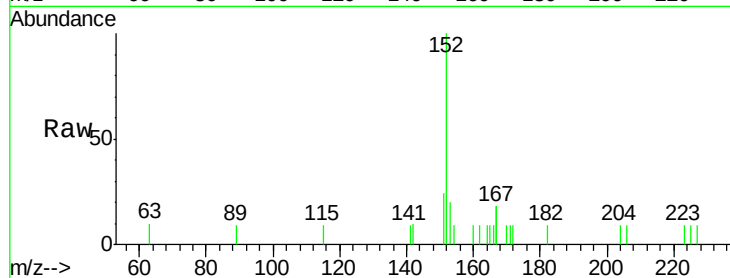
PB120704BS

Tgt Ion:152 Resp: 1375

Ion Ratio Lower Upper

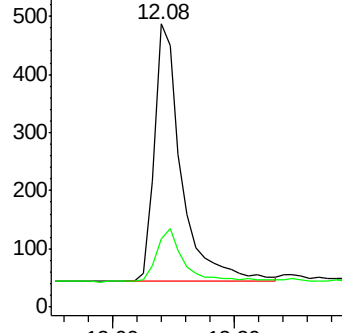
152 100

151 20.3 16.3 24.5

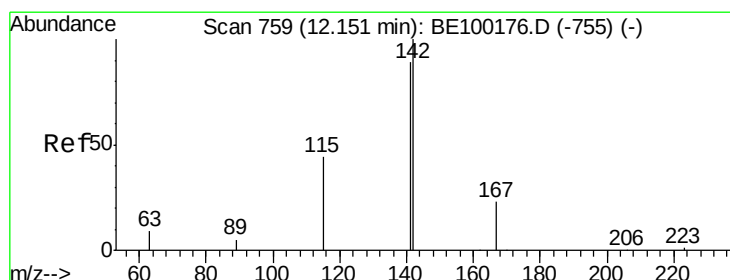
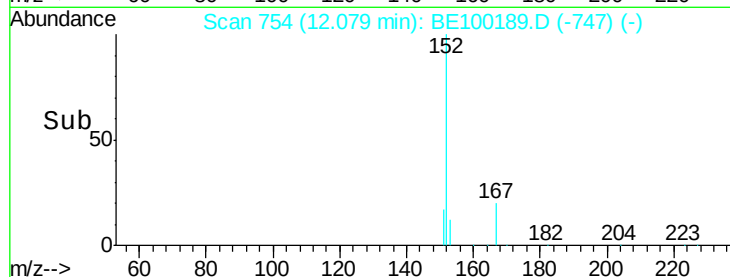


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->



#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

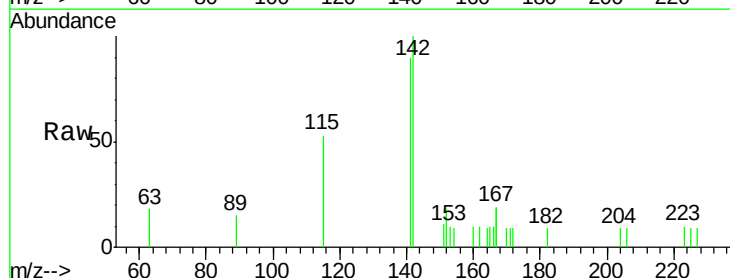
Tgt Ion:142 Resp: 1315

Ion Ratio Lower Upper

142 100

141 90.5 71.8 107.8

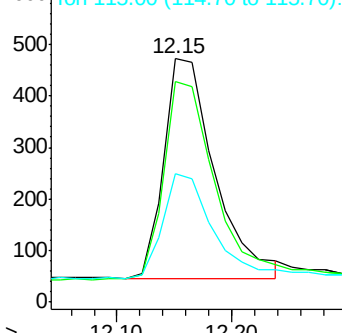
115 52.8 40.4 60.6



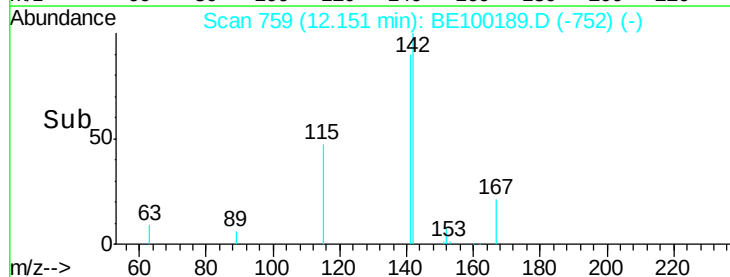
Abundance Ion 142.00 (141.70 to 142.70): E

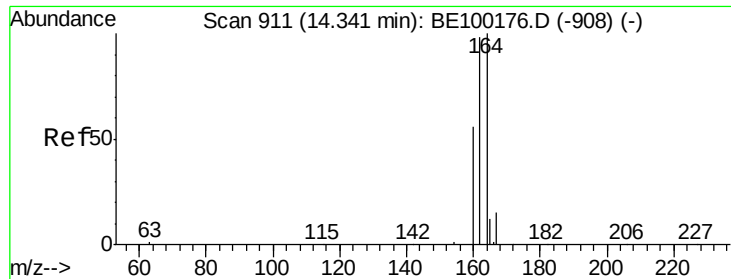
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->

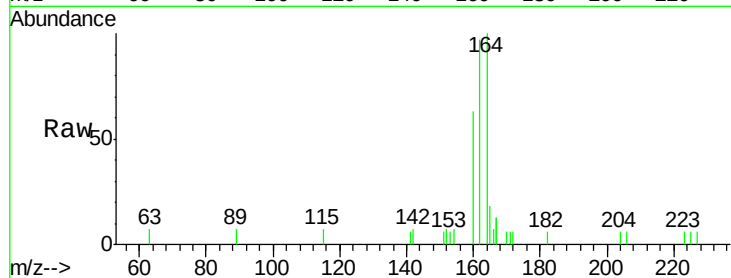




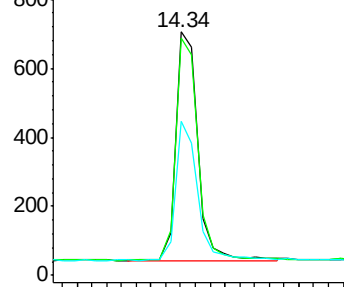
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.34 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BE100189.D
 Acq: 26 Jun 2019 11:28

Instrument :
 BNA_E
 ClientSampleId :
 PB120704BS

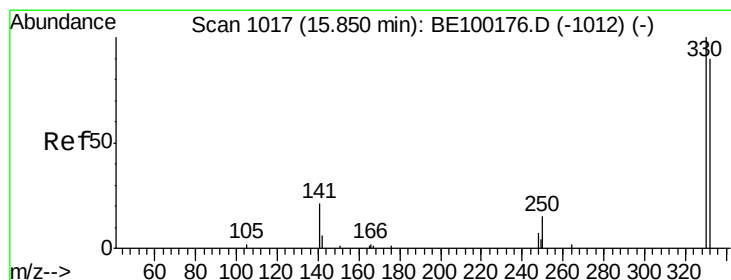
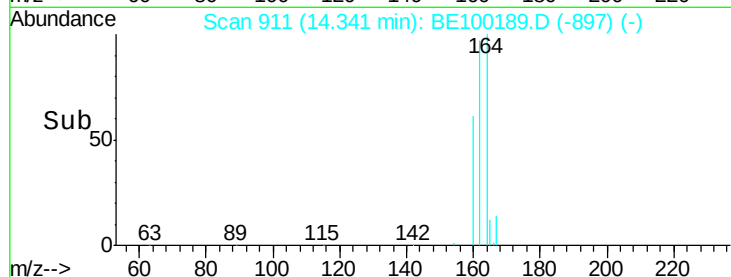
Tgt Ion:164 Resp: 1370
 Ion Ratio Lower Upper
 164 100
 162 97.2 78.6 118.0
 160 63.3 46.9 70.3



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

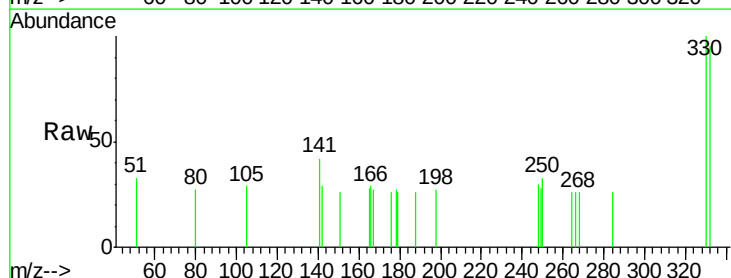


Time-->

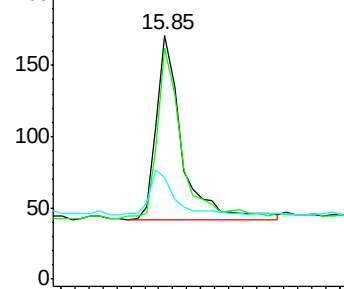


#14
 2,4,6-Tribromophenol
 Concen: 0.412 ng
 RT: 15.85 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BE100189.D
 Acq: 26 Jun 2019 11:28

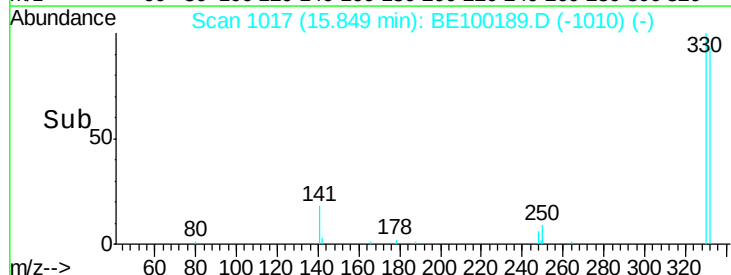
Tgt Ion:330 Resp: 327
 Ion Ratio Lower Upper
 330 100
 332 86.9 77.7 116.5
 141 24.2 18.9 28.3

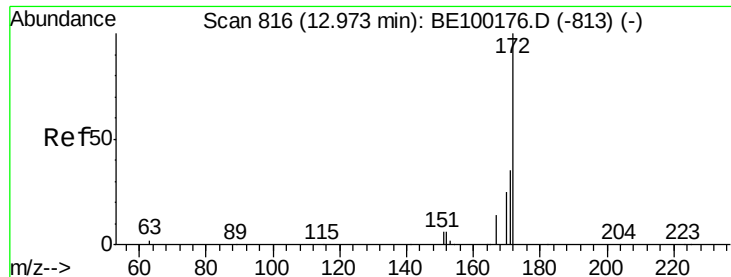


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



Time-->

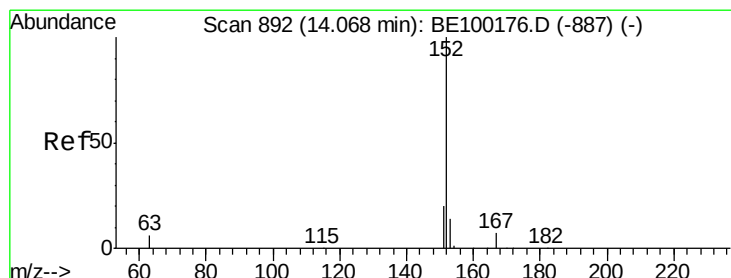
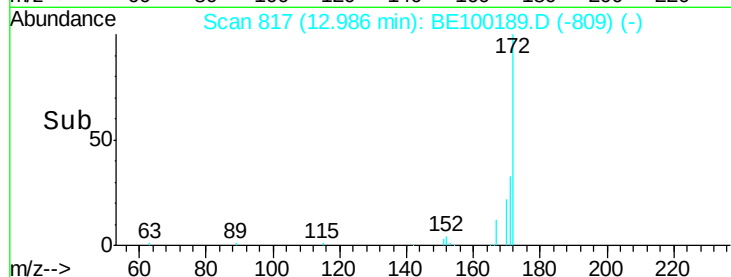
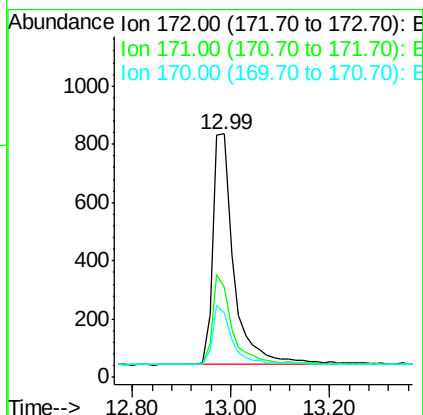
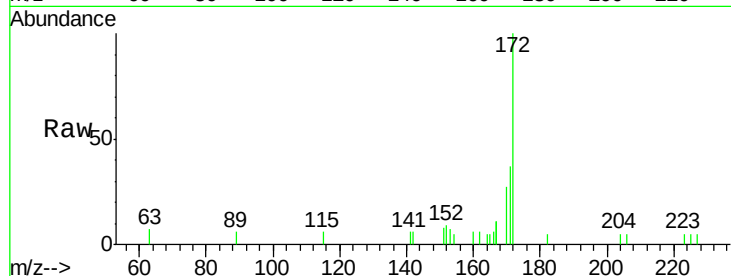




#15
2-Fluorobiphenyl
Concen: 0.423 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.01 min
Lab File: BE100189.D
Acq: 26 Jun 2019 11:28

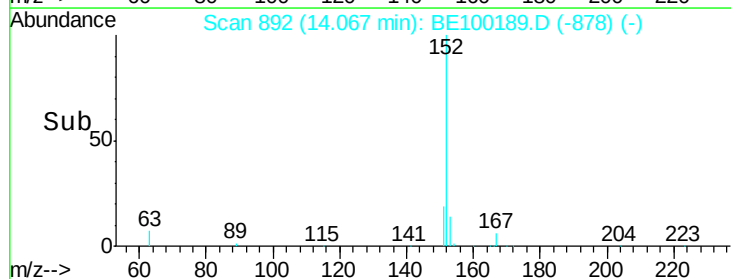
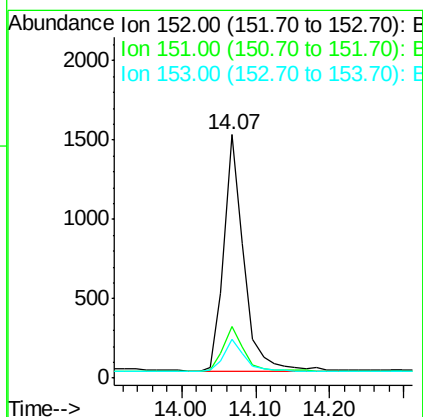
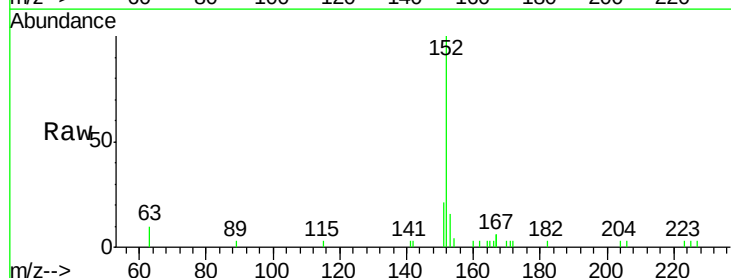
Instrument :
BNA_E
ClientSampleId :
PB120704BS

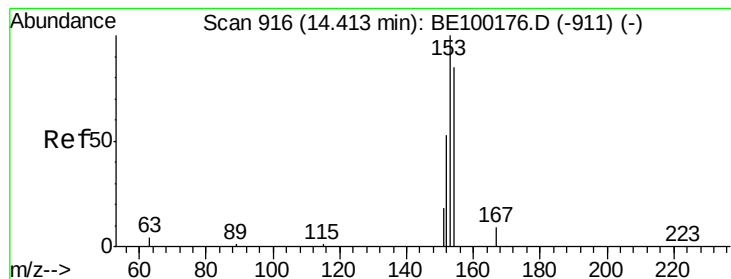
Tgt Ion:172 Resp: 2325
Ion Ratio Lower Upper
172 100
171 37.0 31.0 46.4
170 26.6 23.9 35.9



#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





#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

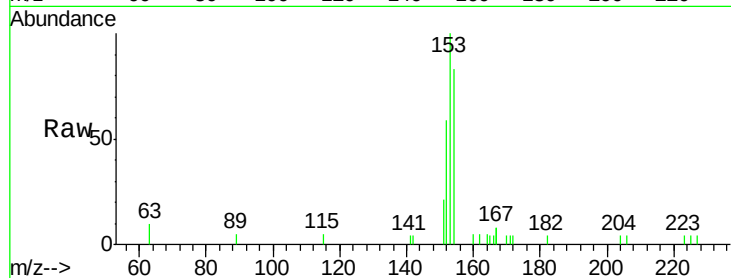
Tgt Ion:154 Resp: 1494

Ion Ratio Lower Upper

154 100

153 124.9 95.3 142.9

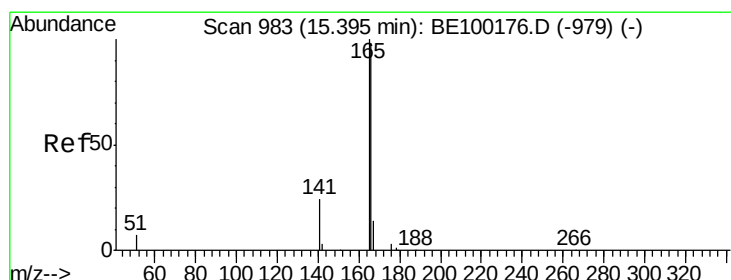
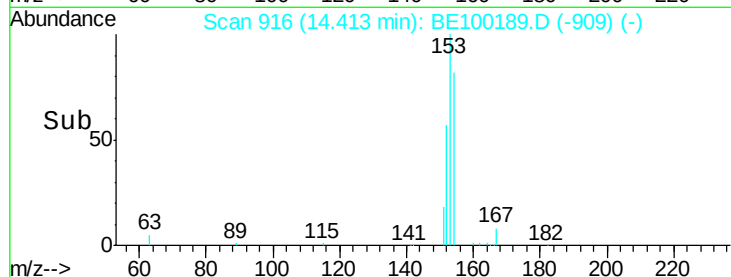
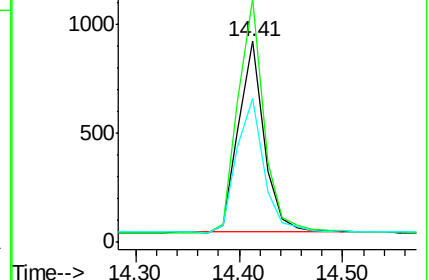
152 74.7 52.9 79.3



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

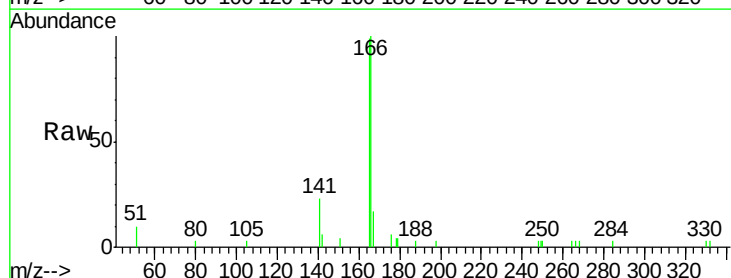
Tgt Ion:166 Resp: 2393

Ion Ratio Lower Upper

166 100

165 99.6 81.0 121.4

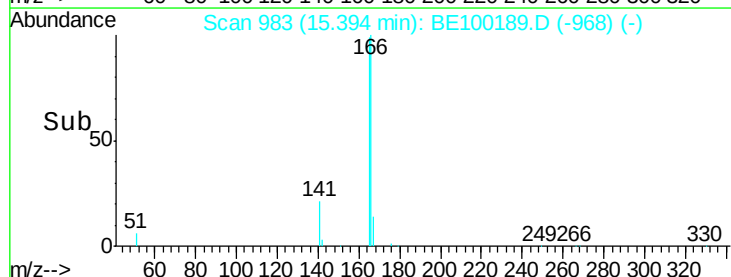
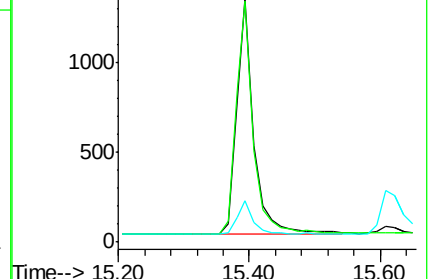
167 13.6 11.4 17.0

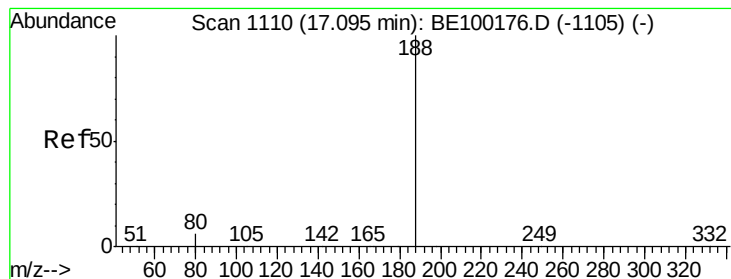


Abundance Ion 166.00 (165.70 to 166.70): E

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

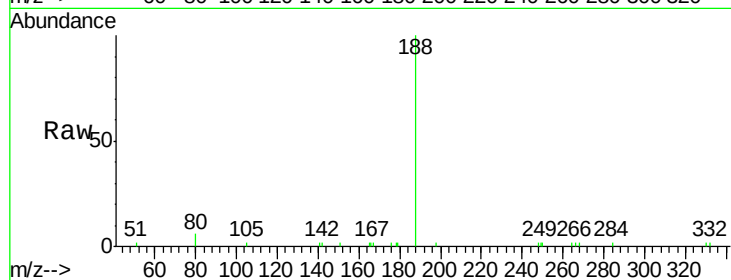
Tgt Ion:188 Resp: 4286

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

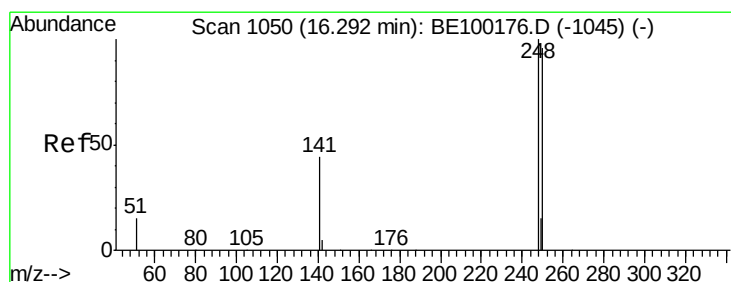
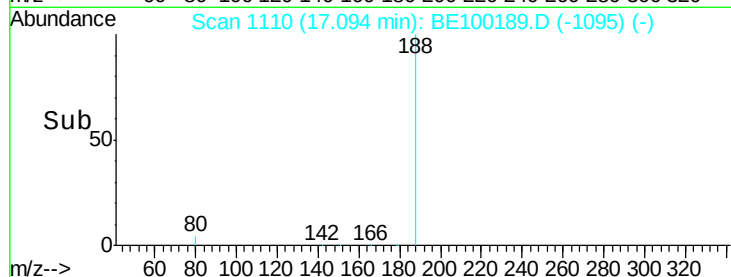
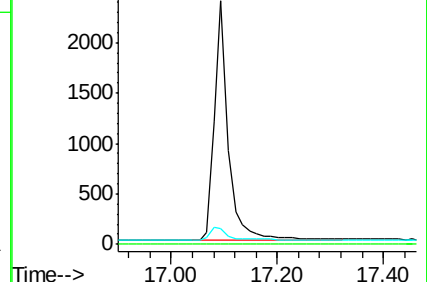
80 6.3 6.4 9.6#



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

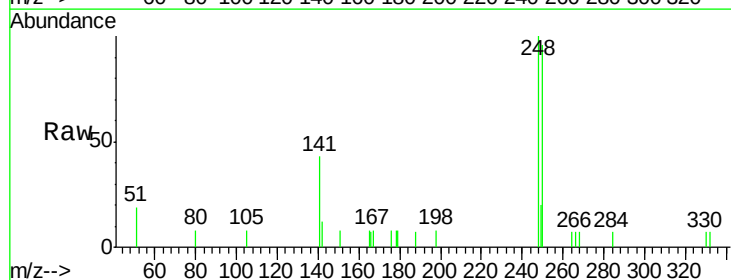
Tgt Ion:248 Resp: 1084

Ion Ratio Lower Upper

248 100

250 96.0 77.1 115.7

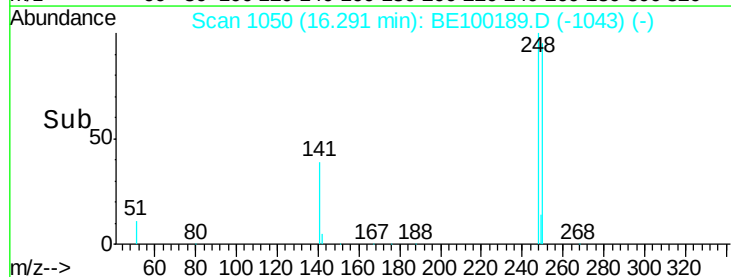
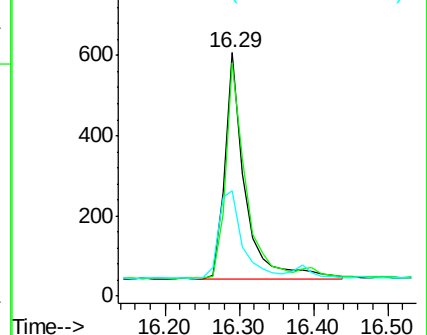
141 43.3 39.5 59.3

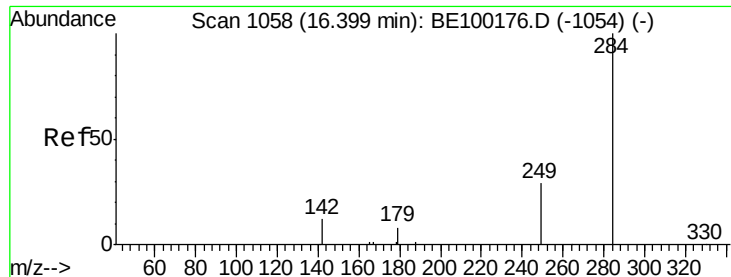


Abundance Ion 248.00 (247.70 to 248.70): E

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

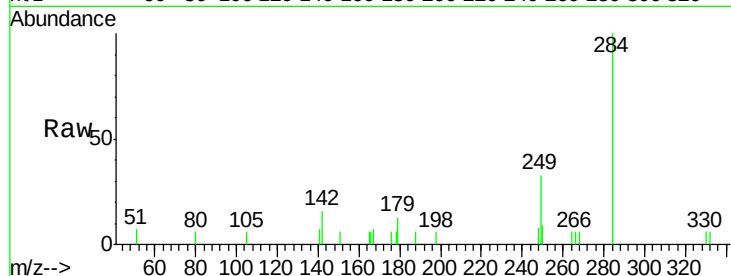
Instrument :

BNA_E

ClientSampleId :

PB120704BS

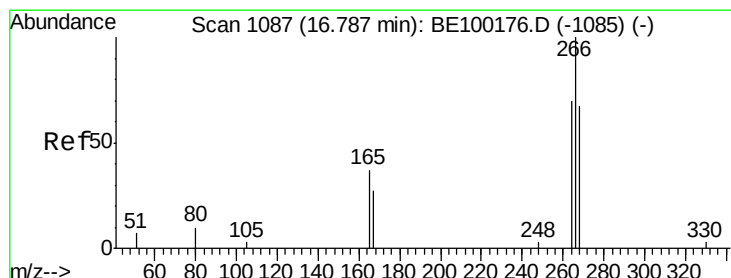
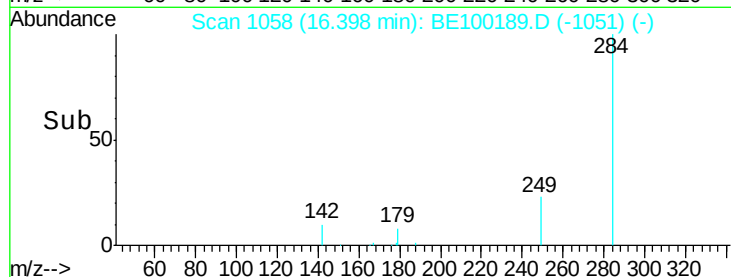
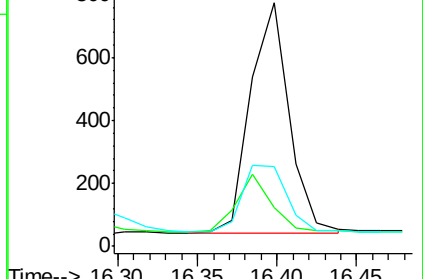
Tgt Ion:	284	Resp:	1222
Ion	Ratio	Lower	Upper
284	100		
142	22.8	20.1	30.1
249	32.7	26.2	39.4



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

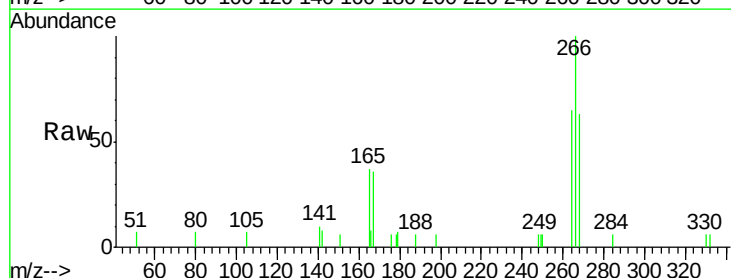
RT: 16.75 min Scan# 1084

Delta R.T. -0.04 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

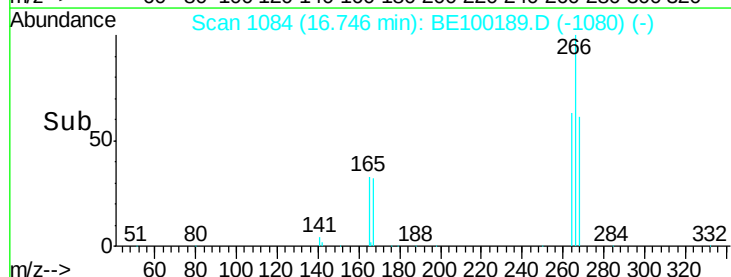
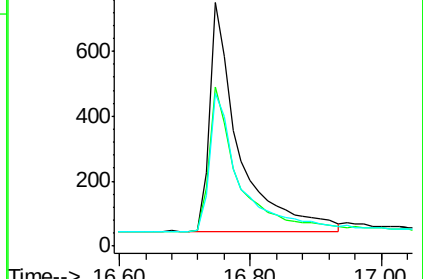
Tgt Ion:	266	Resp:	2165
Ion	Ratio	Lower	Upper
266	100		
264	65.5	67.7	101.5#
268	62.9	69.8	104.6#

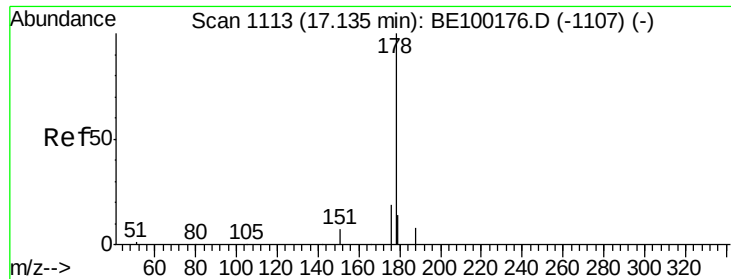


Abundance Ion 266.00 (265.70 to 266.70): E

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

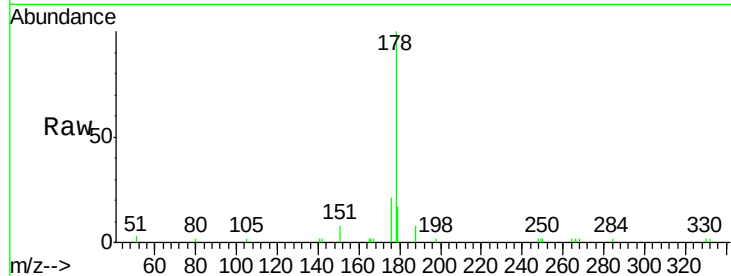
Tgt Ion:178 Resp: 4366

Ion Ratio Lower Upper

178 100

176 18.8 15.5 23.3

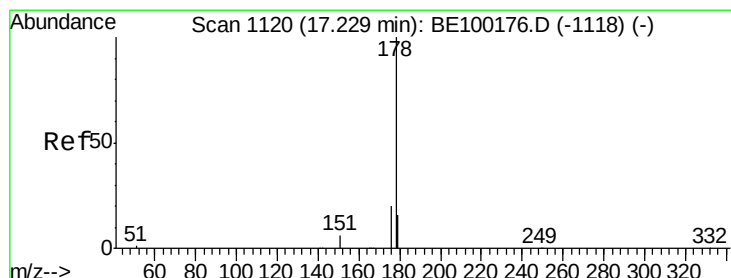
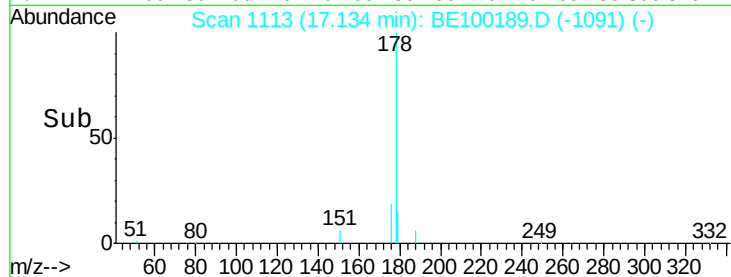
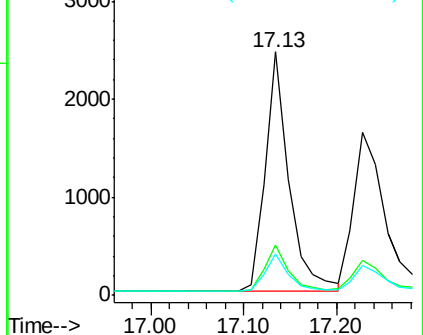
179 15.0 12.2 18.2



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: 0.403 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE100189.D

Acq: 26 Jun 2019 11:28

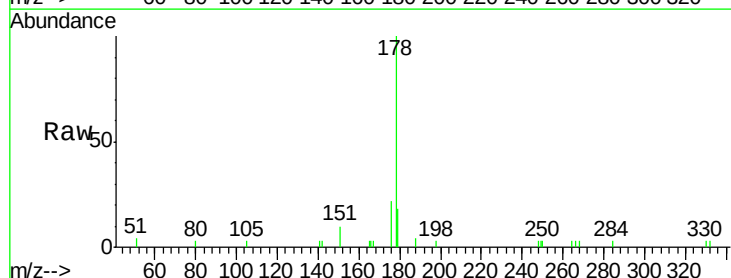
Tgt Ion:178 Resp: 3456

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

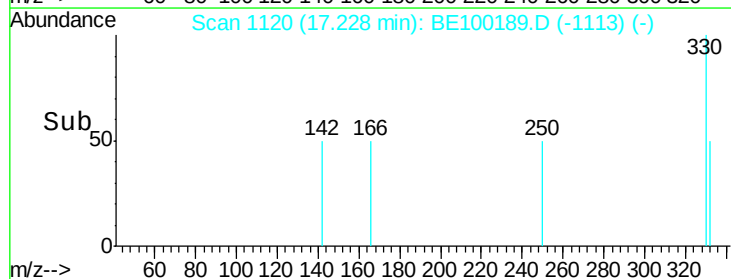
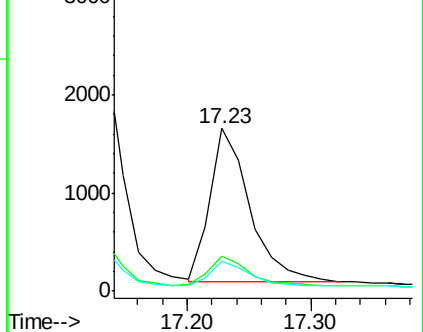
179 15.5 12.9 19.3

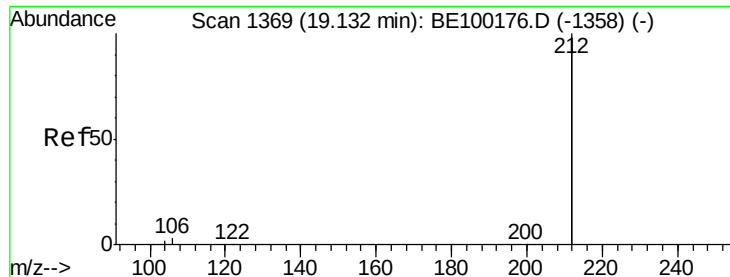


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.380 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

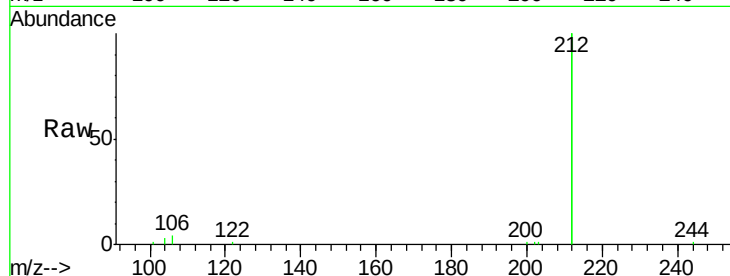
Tgt Ion:212 Resp: 23460

Ion Ratio Lower Upper

212 100

106 1.6 1.3 1.9

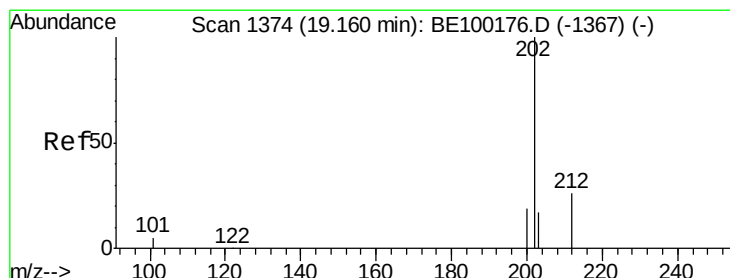
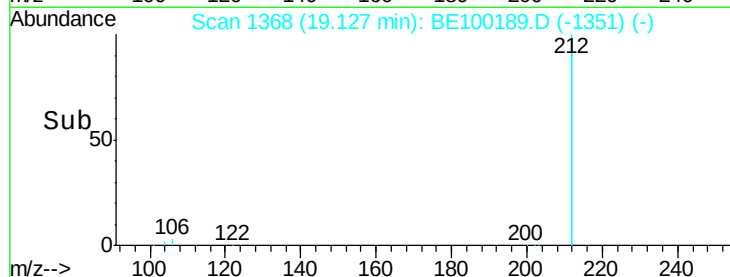
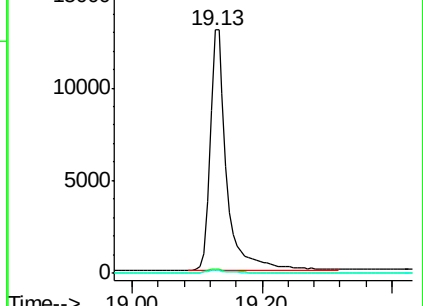
104 1.0 0.7 1.1



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

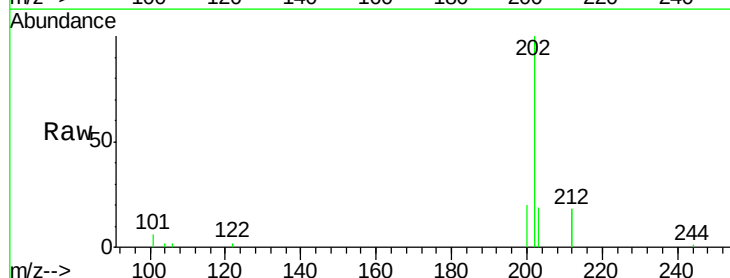
Tgt Ion:202 Resp: 6819

Ion Ratio Lower Upper

202 100

101 5.4 4.5 6.7

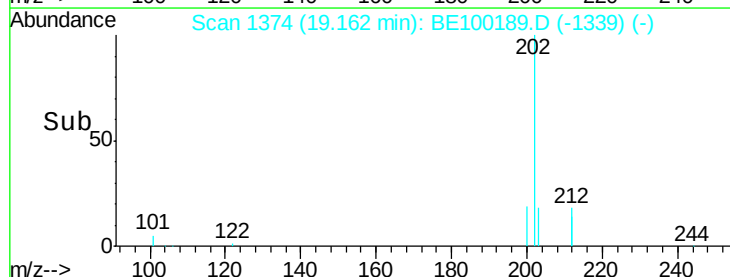
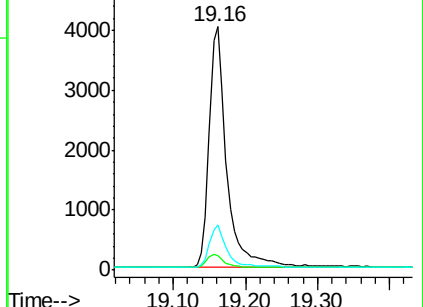
203 17.2 13.7 20.5

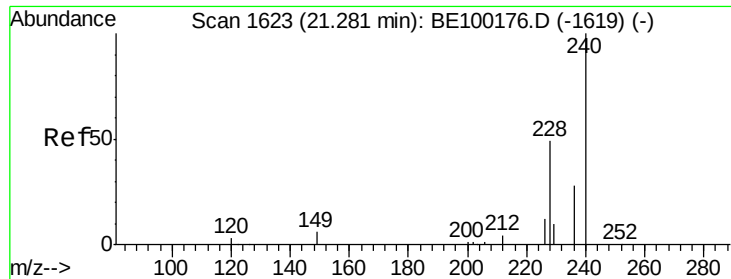


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

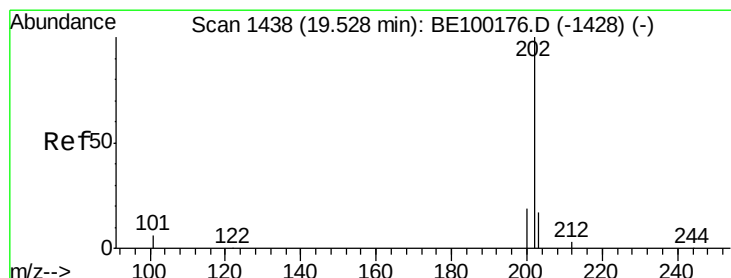
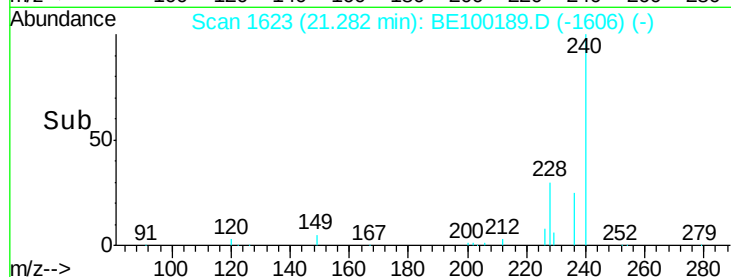
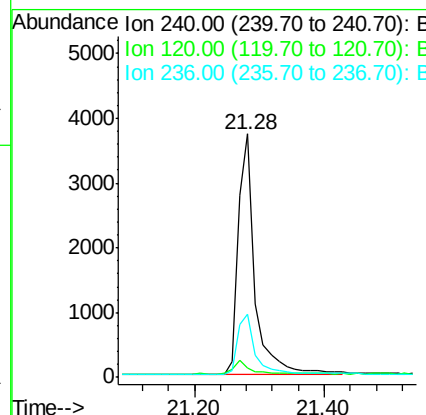
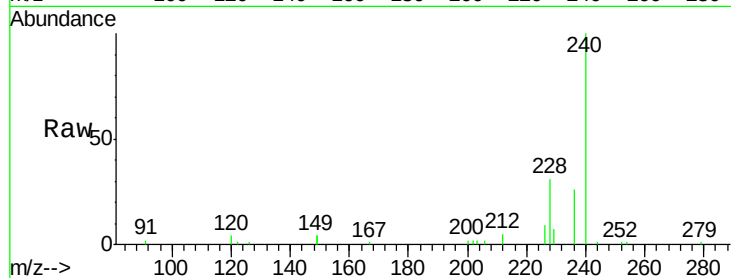




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.28 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BE100189.D
 Acq: 26 Jun 2019 11:28

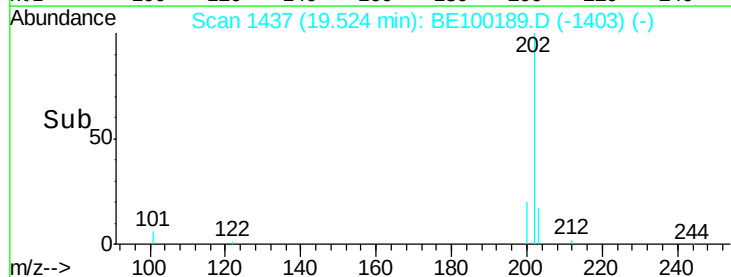
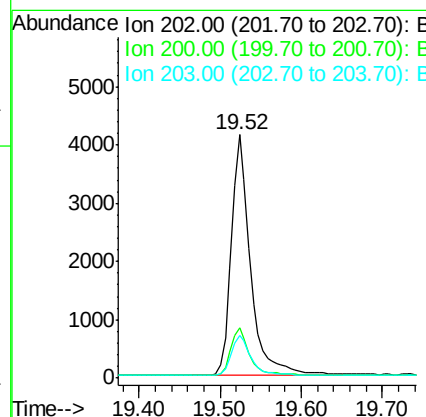
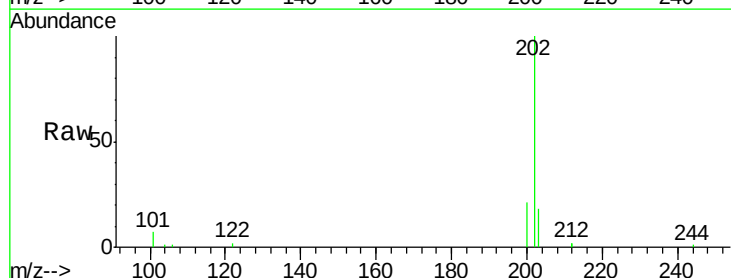
Instrument :
 BNA_E
 ClientSampleId :
 PB120704BS

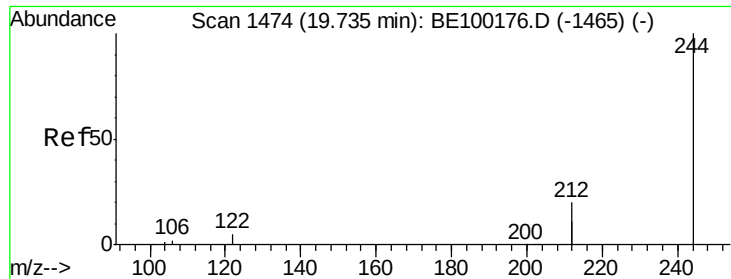
Tgt Ion:240 Resp: 6698
 Ion Ratio Lower Upper
 240 100
 120 4.0 4.1 6.1#
 236 26.0 23.0 34.6



#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

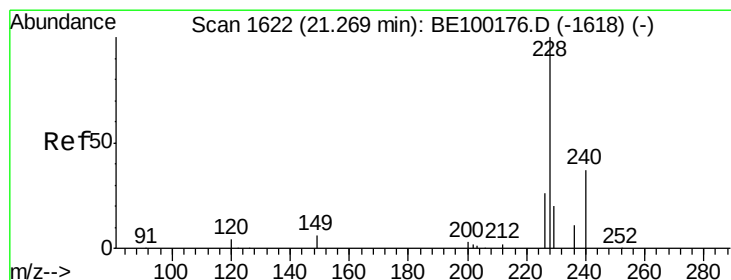
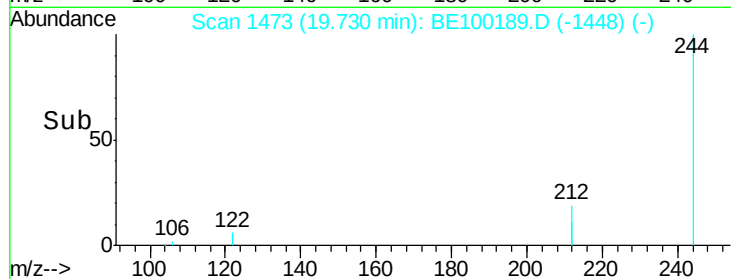
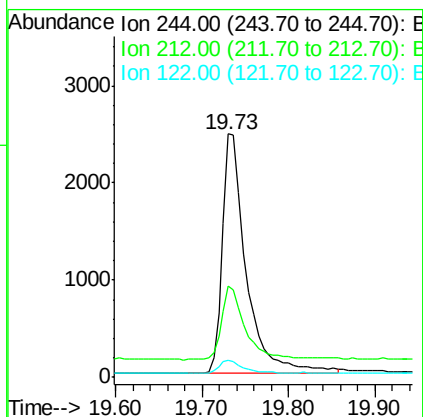
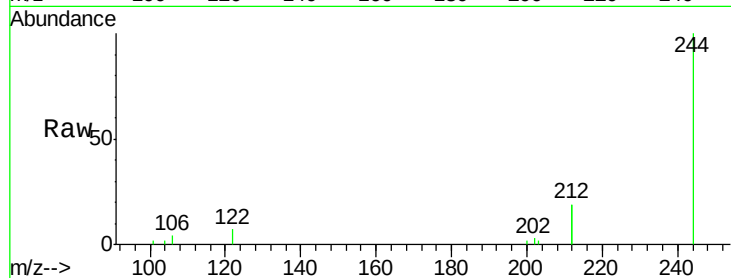




#29
 Terphenyl-d14
 Concen: 0.358 ng
 RT: 19.73 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BE100189.D
 Acq: 26 Jun 2019 11:28

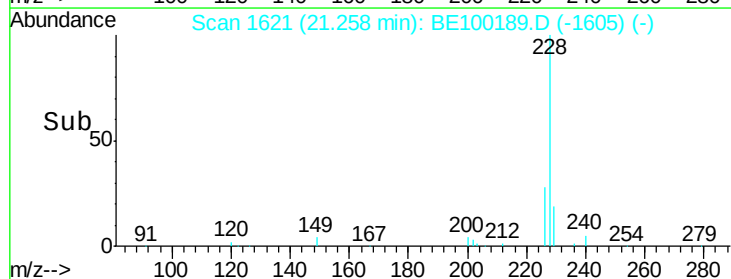
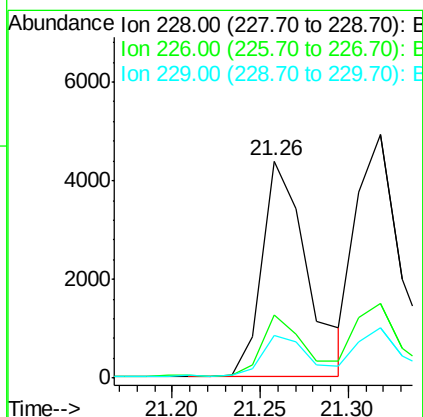
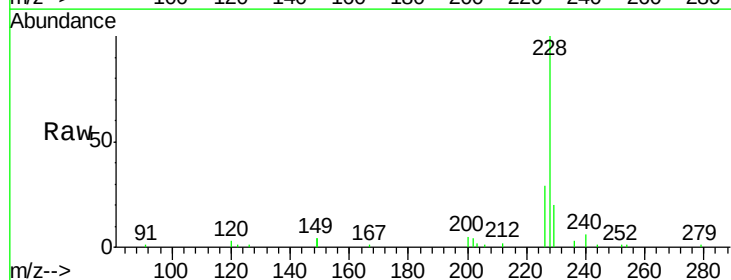
Instrument :
 BNA_E
 ClientSampleId :
 PB120704BS

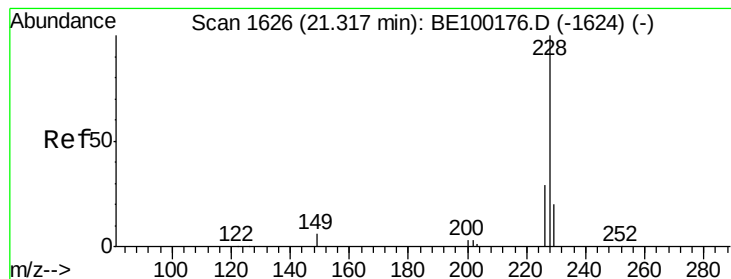
Tgt Ion:244 Resp: 4711
 Ion Ratio Lower Upper
 244 100
 212 37.8 30.7 46.1
 122 7.3 5.8 8.6



#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





#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

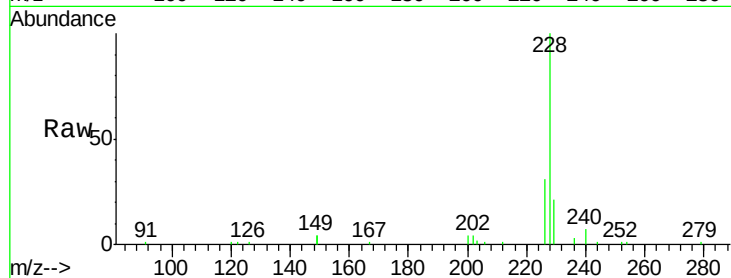
Tgt Ion:228 Resp: 8458

Ion Ratio Lower Upper

228 100

226 30.6 23.7 35.5

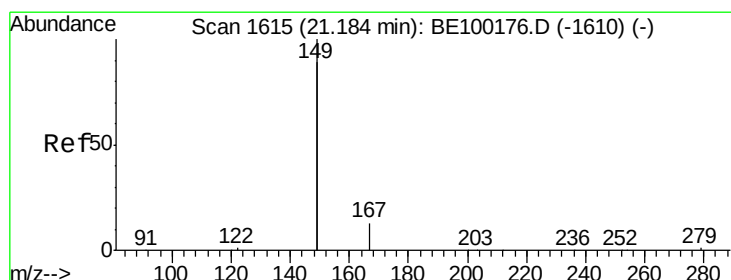
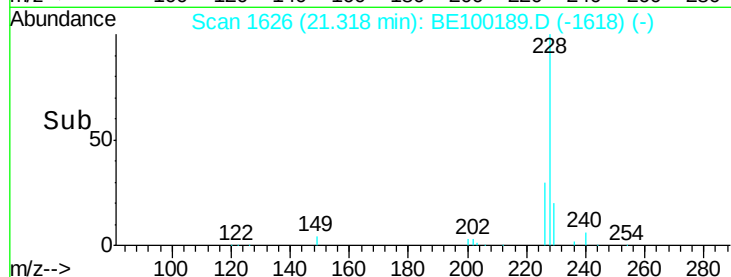
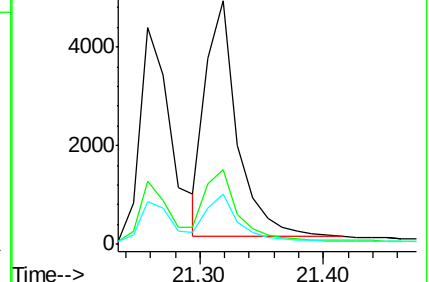
229 20.7 16.5 24.7



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

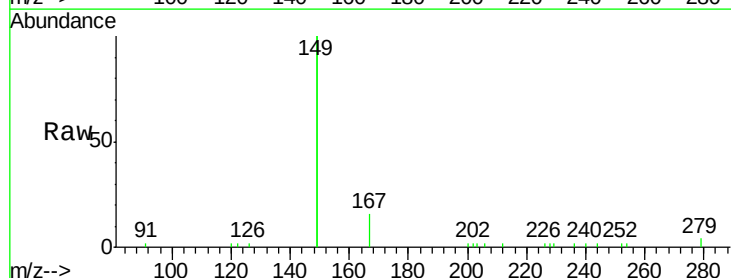
Tgt Ion:149 Resp: 6139

Ion Ratio Lower Upper

149 100

167 7.6 5.9 8.9

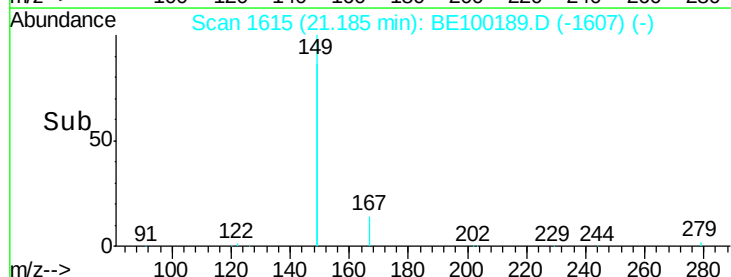
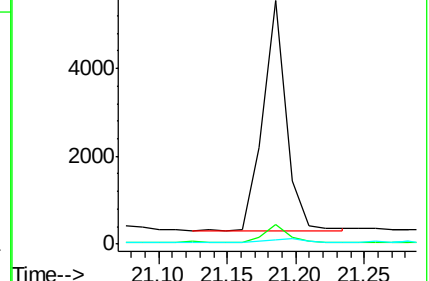
279 1.7 1.0 1.6#

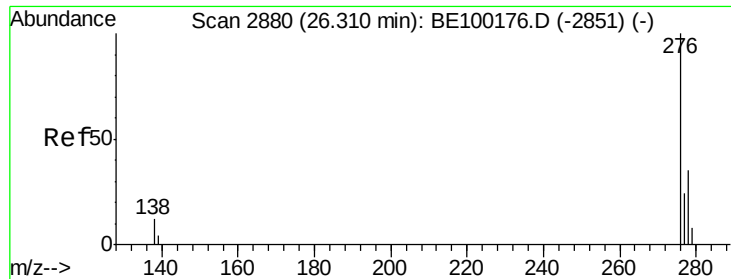


Abundance Ion 149.00 (148.70 to 149.70): E

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

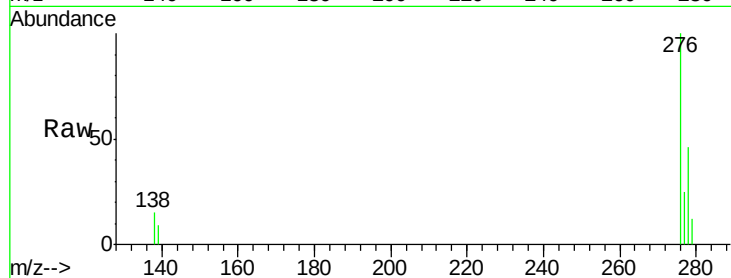
Tgt Ion:276 Resp: 11260

Ion Ratio Lower Upper

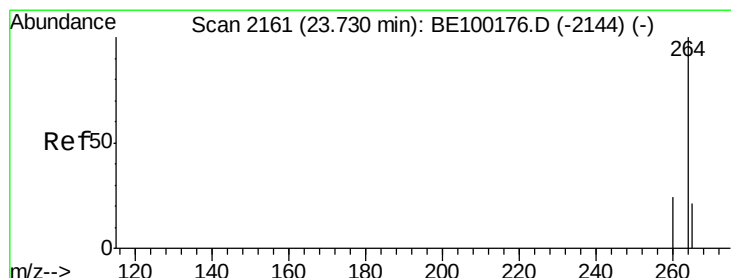
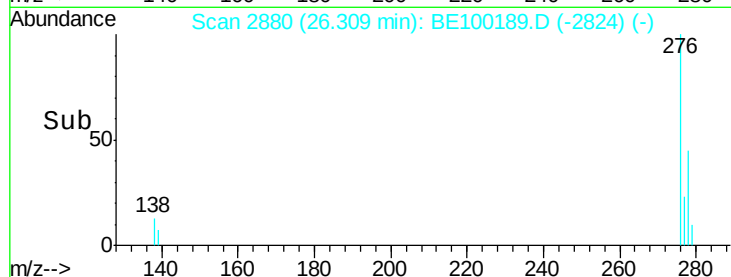
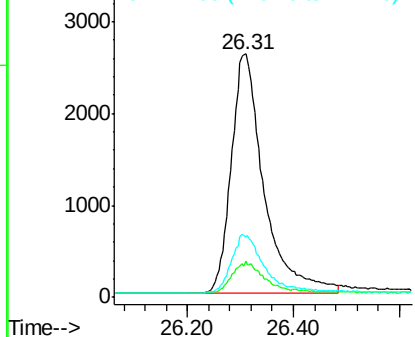
276 100

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

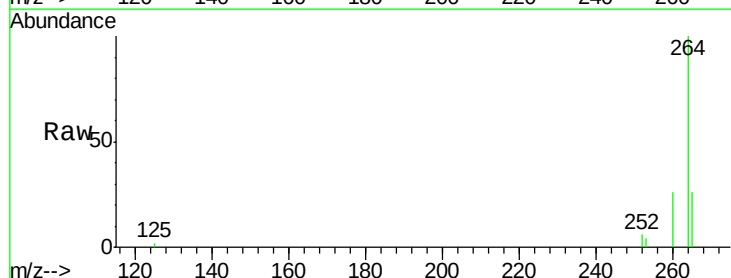
Tgt Ion:264 Resp: 7185

Ion Ratio Lower Upper

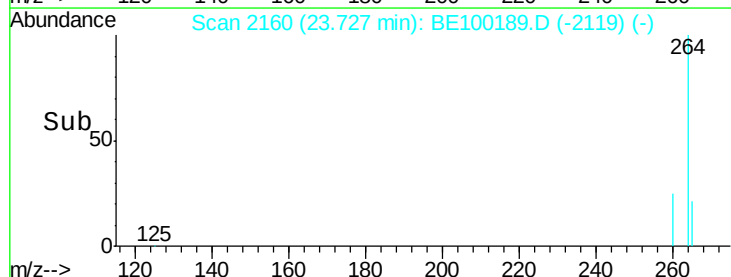
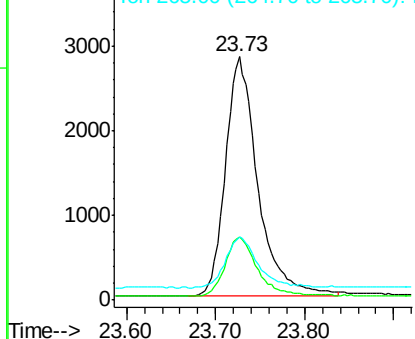
264 100

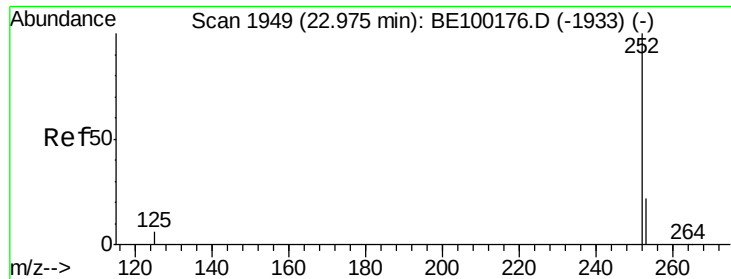
260 25.7 20.4 30.6

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

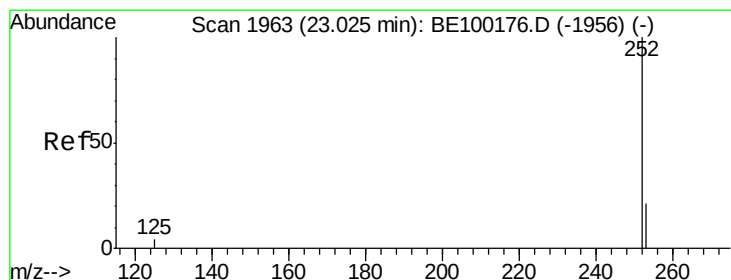
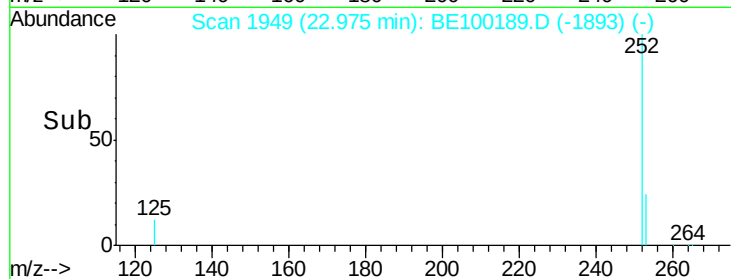
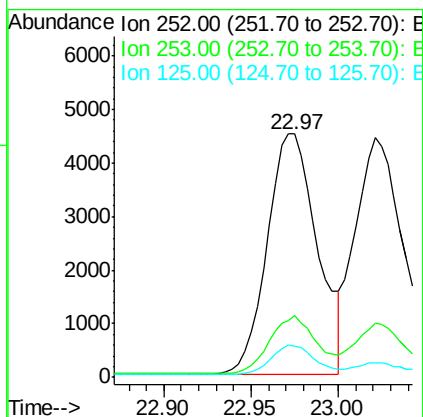
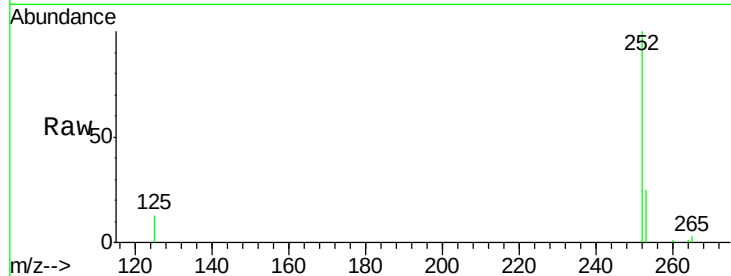




#35
Benzo(b)fluoranthene
Concen: 0.463 ng
RT: 22.97 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BE100189.D
Acq: 26 Jun 2019 11:28

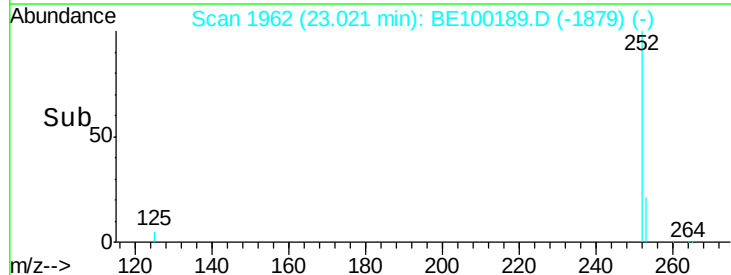
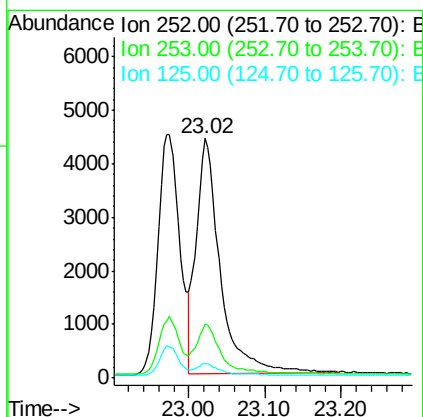
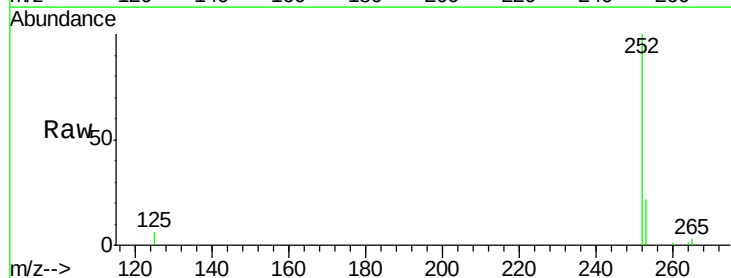
Instrument :
BNA_E
ClientSampleId :
PB120704BS

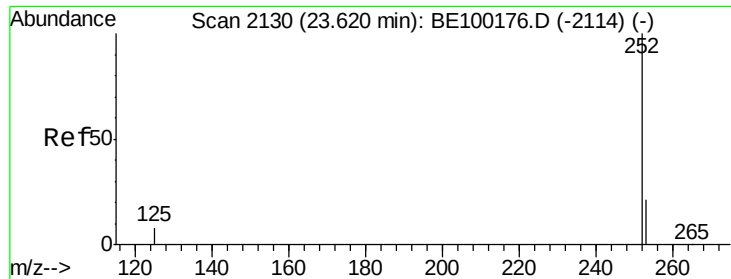
Tgt Ion:252 Resp: 8949
Ion Ratio Lower Upper
252 100
253 25.3 19.0 28.4
125 13.0 6.3 9.5#



#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

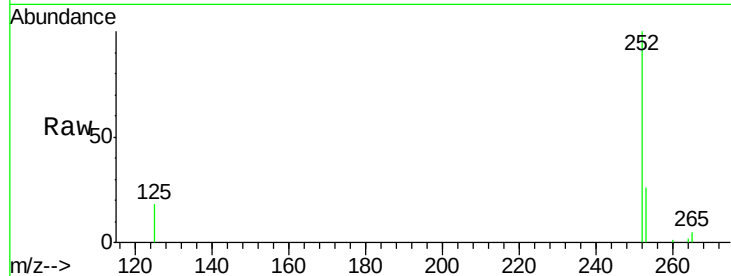
Tgt Ion:252 Resp: 8746

Ion Ratio Lower Upper

252 100

253 25.9 19.2 28.8

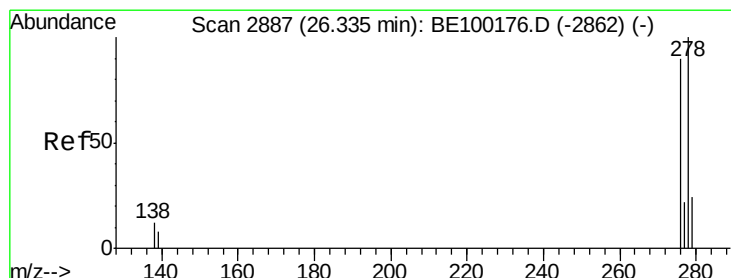
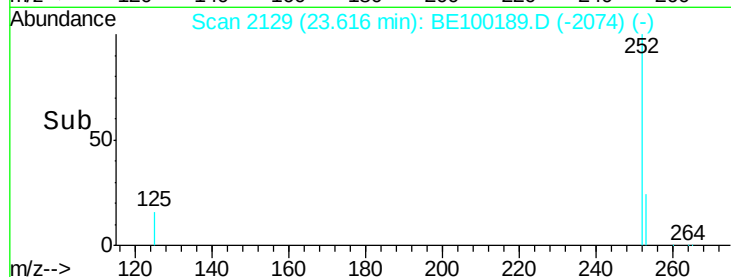
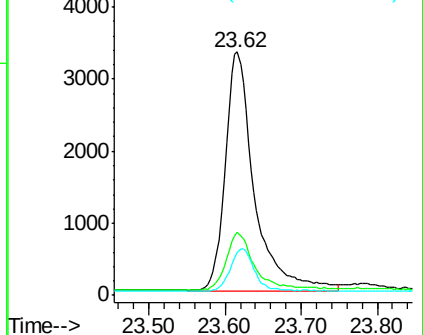
125 17.6 8.2 12.2#



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

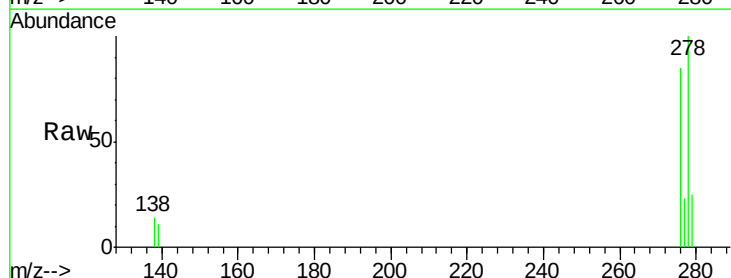
Tgt Ion:278 Resp: 8836

Ion Ratio Lower Upper

278 100

139 10.6 9.0 13.4

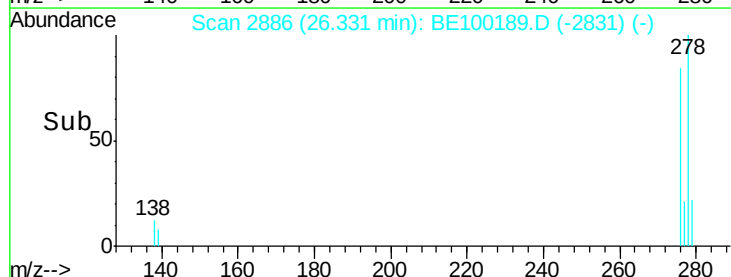
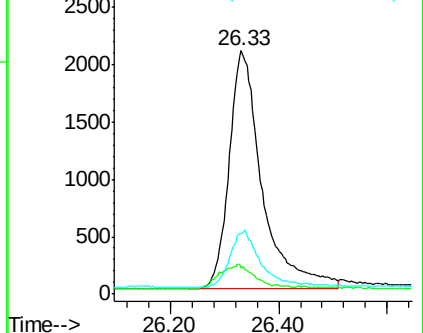
279 24.9 21.1 31.7

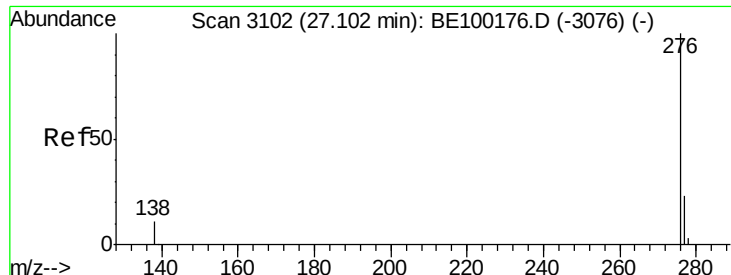


Abundance Ion 278.00 (277.70 to 278.70): E

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

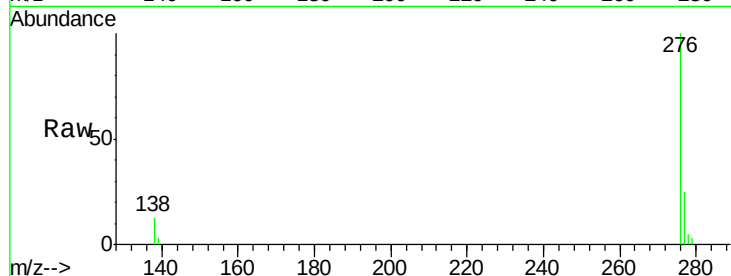
Tgt Ion: 276 Resp: 9024

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

