

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062019\
 Data File : BE100107.D
 Acq On : 20 Jun 2019 14:14
 Operator : JU/SJ
 Sample : PB120562BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120562BS

Quant Time: Jun 21 01:44:22 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	7.74	152	400	0.40	ng	0.00
7) Naphthalene-d8	10.55	136	1468	0.40	ng	0.01
13) Acenaphthene-d10	14.41	164	1294	0.40	ng	0.00
19) Phenanthrene-d10	17.16	188	4325	0.40	ng	0.00
27) Chrysene-d12	21.34	240	7413	0.40	ng	0.00
34) Perylene-d12	23.84	264	8377	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.29	112	375	0.45	ng	-0.01
5) Phenol-d6	6.95	99	400	0.35	ng	0.02
8) Nitrobenzene-d5	8.93	82	461	0.32	ng	0.01
11) 2-Methylnaphthalene-d10	12.17	152	1154	0.41	ng	0.01
14) 2,4,6-Tribromophenol	15.92	330	300	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.04	172	2073	0.41	ng	0.00
25) Fluoranthene-d10	19.20	212	25595	0.41	ng	0.00
29) Terphenyl-d14	19.80	244	5026	0.34	ng	0.00

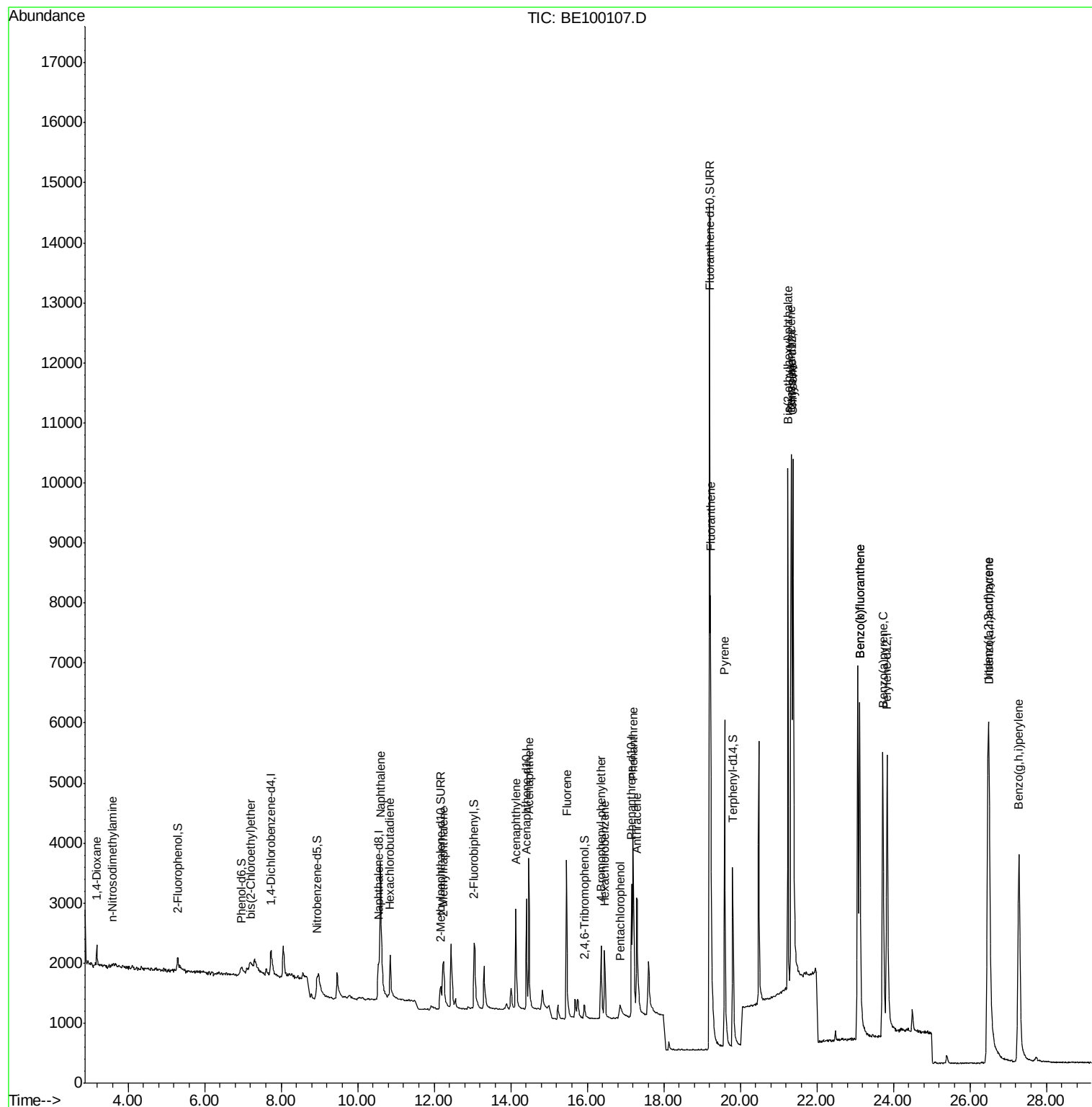
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.19	88	271	0.422	ng	93
3) n-Nitrosodimethylamine	3.59	42	79	0.529	ng	# 100
6) bis(2-Chloroethyl)ether	7.21	93	348	0.329	ng	# 1
9) Naphthalene	10.59	128	6808	0.427	ng	98
10) Hexachlorobutadiene	10.85	225	608	0.388	ng	96
12) 2-Methylnaphthalene	12.24	142	1136	0.433	ng	97
16) Acenaphthylene	14.14	152	2633	0.429	ng	99
17) Acenaphthene	14.47	154	1427	0.415	ng	96
18) Fluorene	15.46	166	2313	0.452	ng	100
20) 4-Bromophenyl-phenylether	16.36	248	1063	0.413	ng	98
21) Hexachlorobenzene	16.45	284	1075	0.379	ng	99
22) Pentachlorophenol	16.85	266	451	0.732	ng	90
23) Phenanthrene	17.20	178	4310	0.416	ng	99
24) Anthracene	17.30	178	3413	0.391	ng	98
26) Fluoranthene	19.23	202	7277	0.437	ng	100
28) Pyrene	19.59	202	7441	0.391	ng	100
30) Benzo(a)anthracene	21.33	228	8101	0.367	ng	98
31) Chrysene	21.38	228	10124	0.395	ng	99
32) Bis(2-ethylhexyl)phthalate	21.25	149	9914	0.476	ng	100
33) Indeno(1,2,3-cd)pyrene	26.47	276	12490	0.433	ng	# 96
35) Benzo(b)fluoranthene	23.12	252	10329	0.420	ng	97
36) Benzo(k)fluoranthene	23.12	252	10751	0.384	ng	99
37) Benzo(a)pyrene	23.72	252	9618	0.405	ng	# 94
38) Dibenzo(a,h)anthracene	26.50	278	9871	0.406	ng	99
39) Benzo(g,h,i)perylene	27.28	276	10516	0.416	ng	99

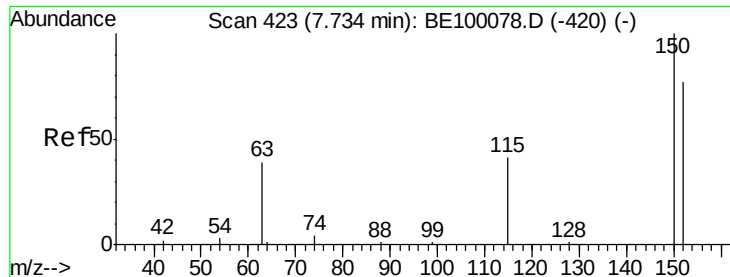
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.74 min Scan# 423

Delta R.T. 0.00 min

Lab File: BE100107.D

Acq: 20 Jun 2019 14:14

Instrument :

BNA_E

ClientSampleId :

PB120562BS

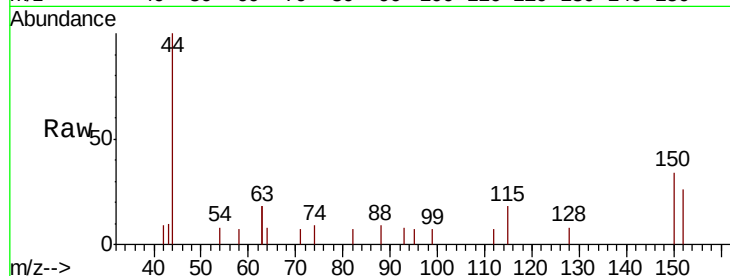
Tgt Ion: 152 Resp: 400

Ion Ratio Lower Upper

152 100

150 130.4 99.8 149.8

115 66.9 51.3 76.9

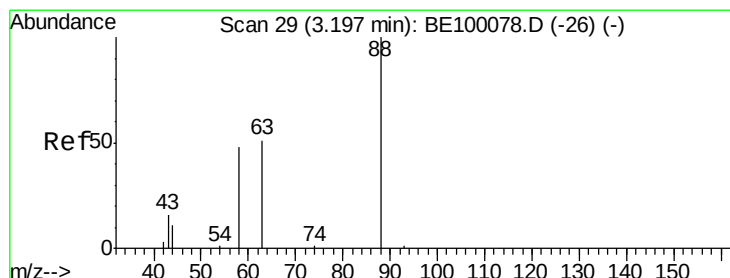
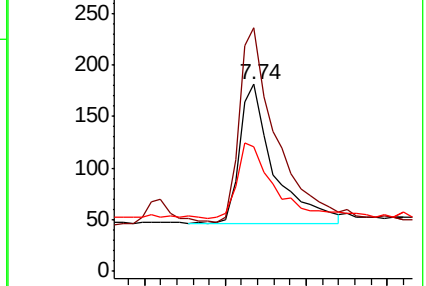
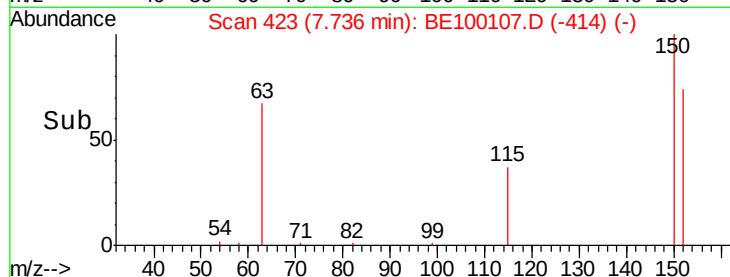


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#2

1,4-Dioxane

Concen: 0.422 ng

RT: 3.19 min Scan# 28

Delta R.T. -0.01 min

Lab File: BE100107.D

Acq: 20 Jun 2019 14:14

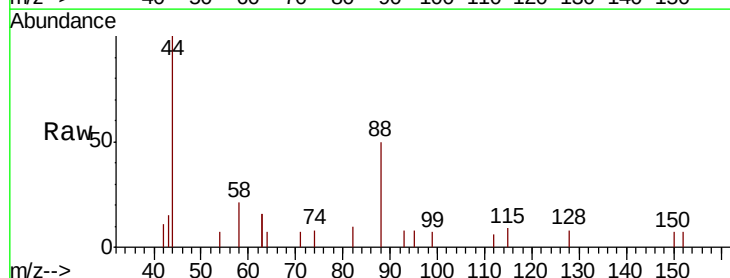
Tgt Ion: 88 Resp: 271

Ion Ratio Lower Upper

88 100

58 59.0 51.1 76.7

43 22.5 21.7 32.5

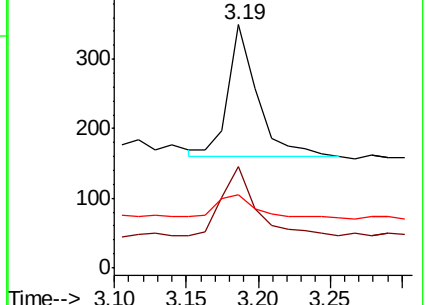
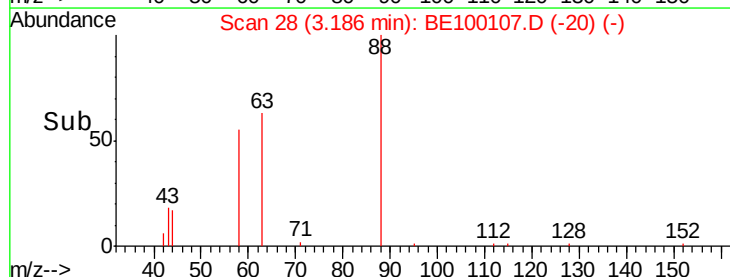


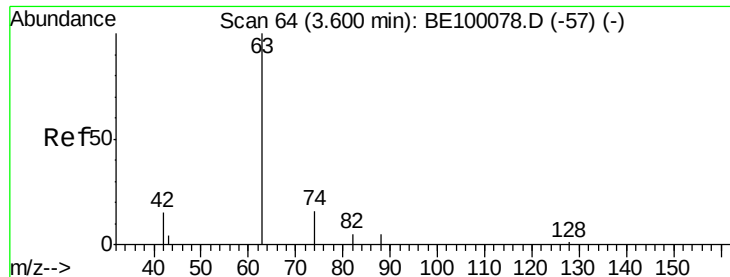
Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1

Time-->





#3

n-Nitrosodimethylamine

Concen: 0.529 ng

RT: 3.59 min Scan# 63

Delta R.T. -0.01 min

Lab File: BE100107.D

Acq: 20 Jun 2019 14:14

Instrument :

BNA_E

ClientSampleId :

PB120562BS

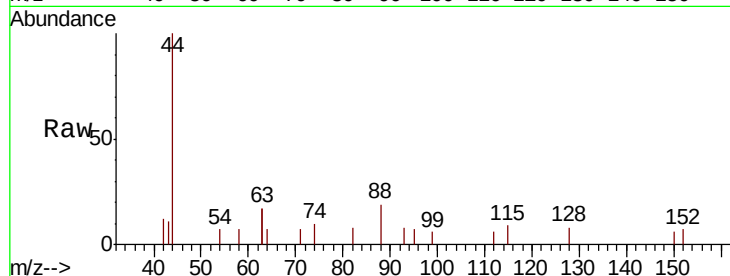
Tgt Ion: 42 Resp: 79

Ion Ratio Lower Upper

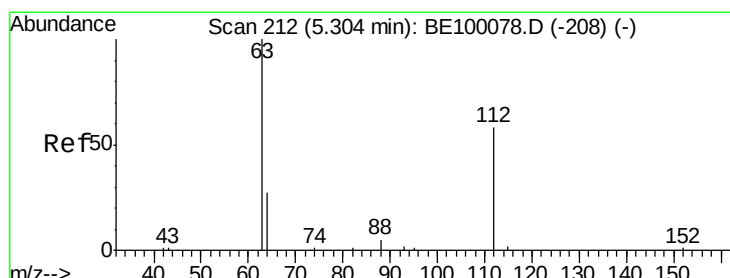
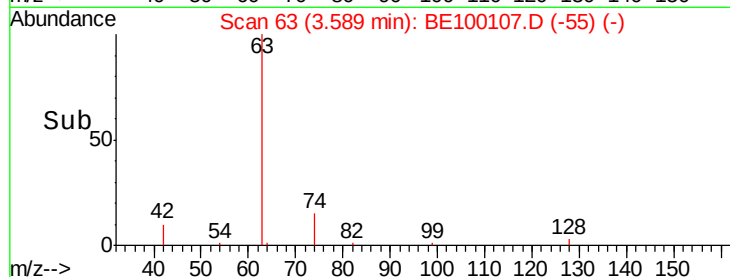
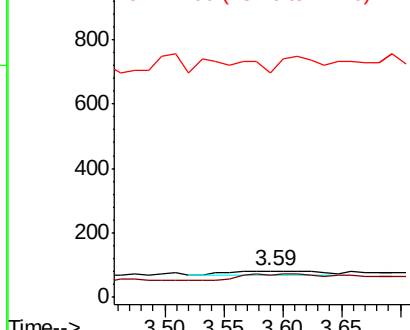
42 100

74 136.7 0.0 0.0#

44 0.0 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: 0.452 ng

RT: 5.29 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE100107.D

Acq: 20 Jun 2019 14:14

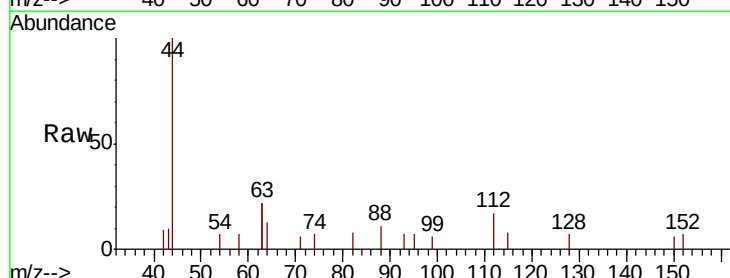
Tgt Ion: 112 Resp: 375

Ion Ratio Lower Upper

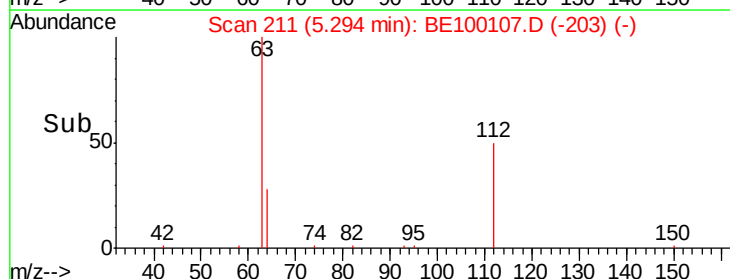
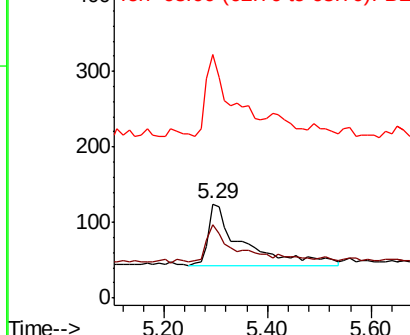
112 100

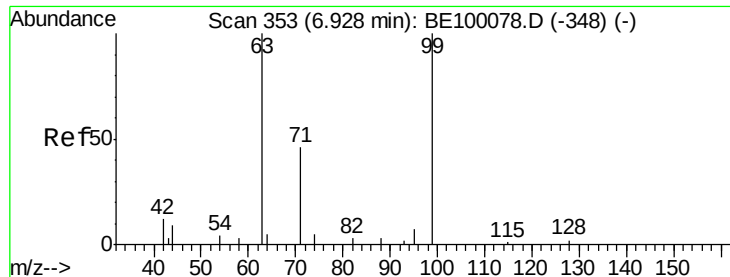
64 46.7 22.0 33.0#

63 97.3 121.8 182.6#



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: 0.351 ng

RT: 6.95 min Scan# 355

Delta R.T. 0.02 min

Lab File: BE100107.D

Acq: 20 Jun 2019 14:14

Instrument :

BNA_E

ClientSampleId :

PB120562BS

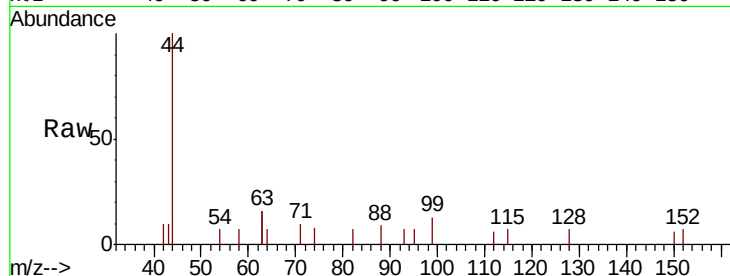
Tgt Ion: 99 Resp: 400

Ion Ratio Lower Upper

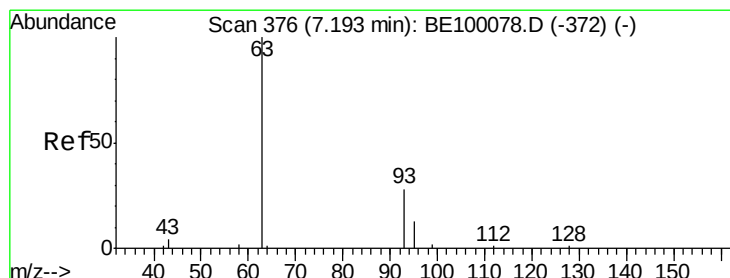
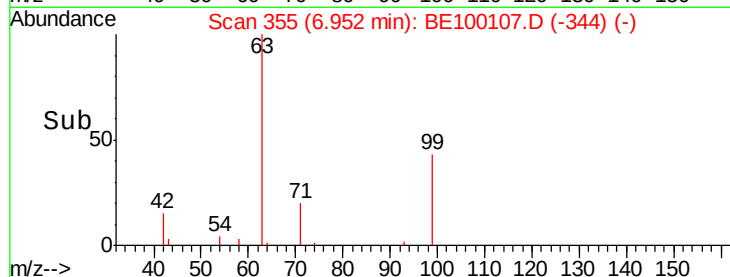
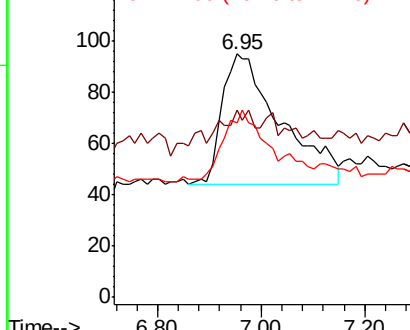
99 100

42 13.8 0.0 0.0#

71 41.8 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: 0.329 ng

RT: 7.21 min Scan# 377

Delta R.T. 0.01 min

Lab File: BE100107.D

Acq: 20 Jun 2019 14:14

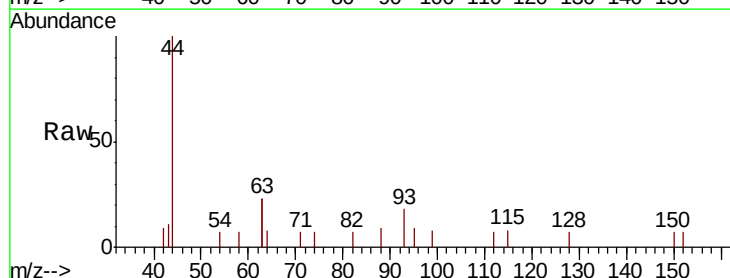
Tgt Ion: 93 Resp: 348

Ion Ratio Lower Upper

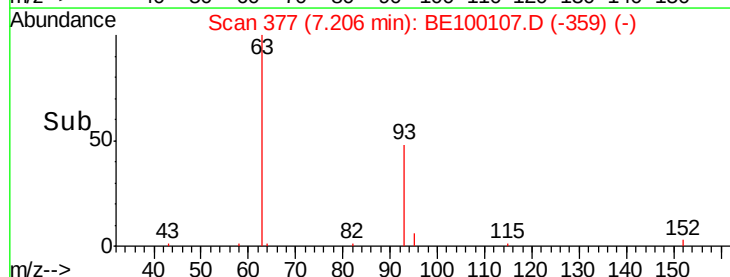
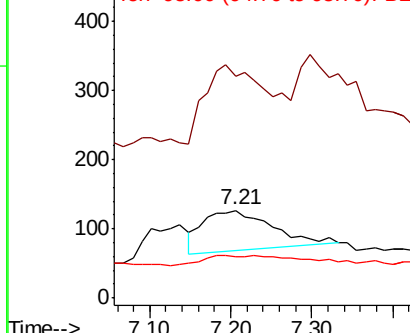
93 100

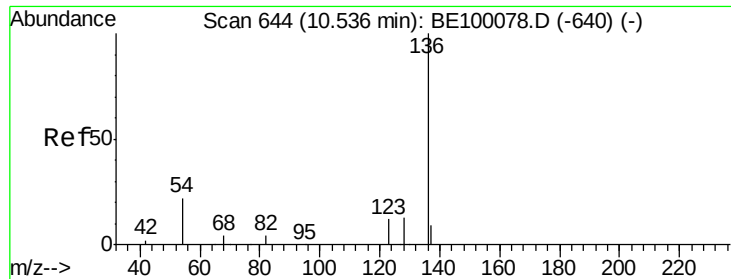
63 0.0 200.0 300.0#

95 0.0 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: BE100107.D

Acq: 20 Jun 2019 14:14

Instrument :

BNA_E

ClientSampleId :

PB120562BS

Tgt Ion:136 Resp: 1468

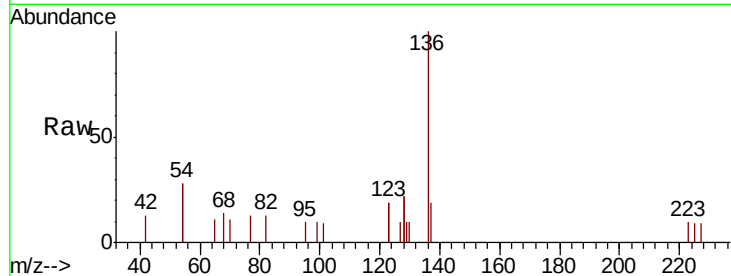
Ion Ratio Lower Upper

136 100

137 19.3 11.6 17.4#

54 56.1 33.9 50.9#

68 13.7 7.8 11.8#

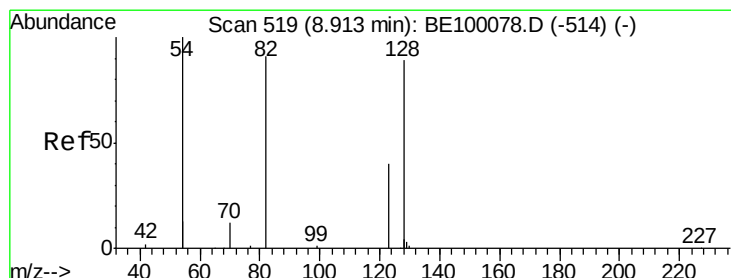
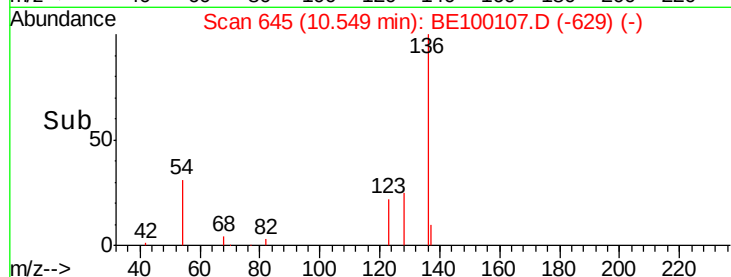
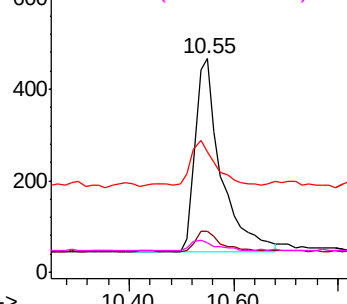


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.324 ng

RT: 8.93 min Scan# 520

Delta R.T. 0.01 min

Lab File: BE100107.D

Acq: 20 Jun 2019 14:14

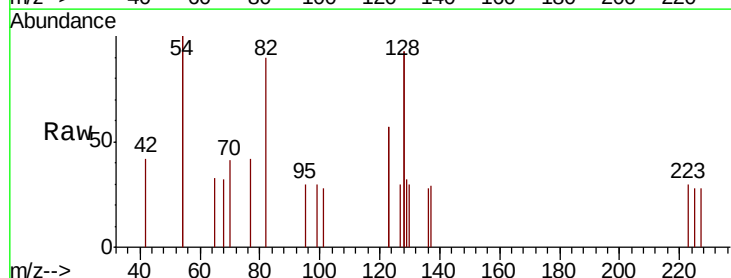
Tgt Ion: 82 Resp: 461

Ion Ratio Lower Upper

82 100

128 207.0 128.0 192.0#

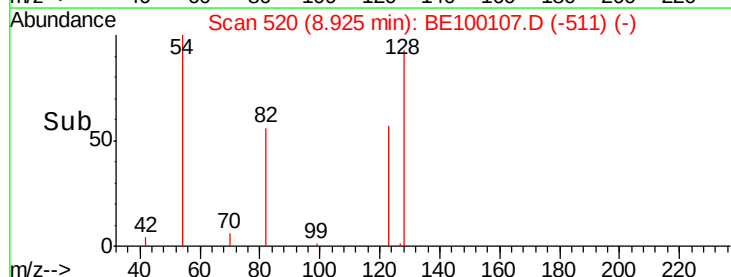
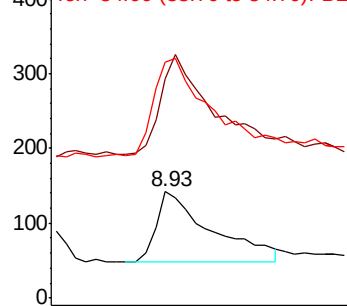
54 222.5 143.4 215.0#

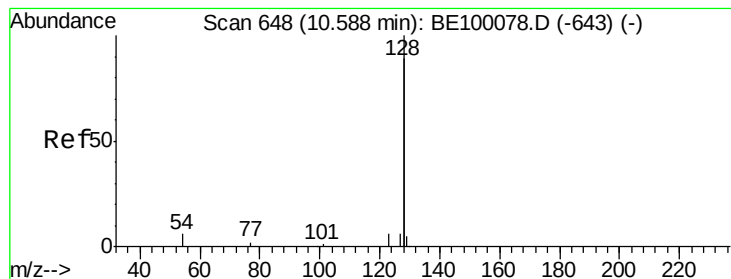


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.427 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE100107.D

Acq: 20 Jun 2019 14:14

Instrument :

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ClientSampleId :

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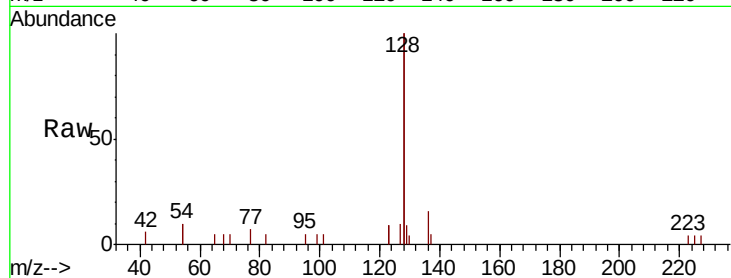
Tgt Ion:128 Resp: 6808

Ion Ratio Lower Upper

128 100

129 4.4 3.1 4.7

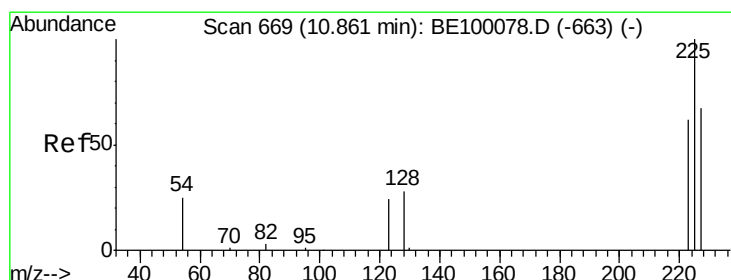
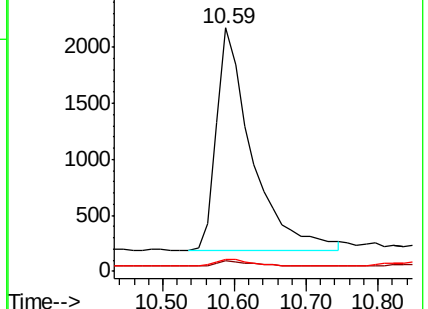
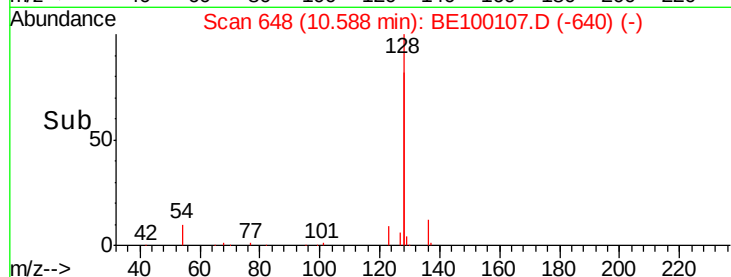
127 4.9 3.4 5.2



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: 0.388 ng

RT: 10.85 min Scan# 668

Delta R.T. -0.01 min

Lab File: BE100107.D

Acq: 20 Jun 2019 14:14

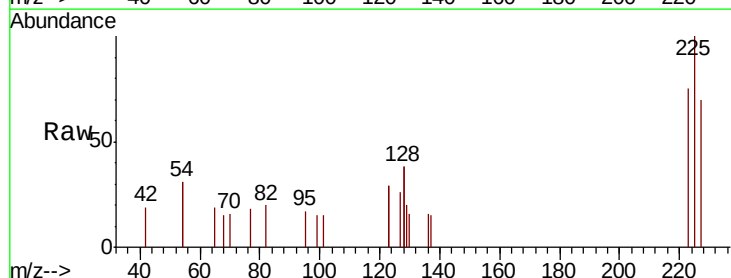
Tgt Ion:225 Resp: 608

Ion Ratio Lower Upper

225 100

223 68.1 52.2 78.4

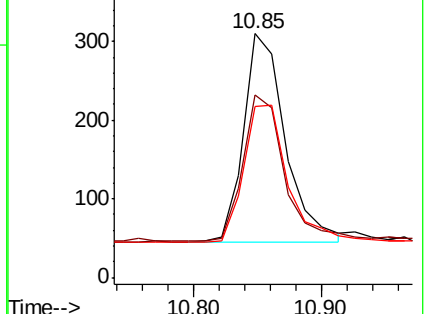
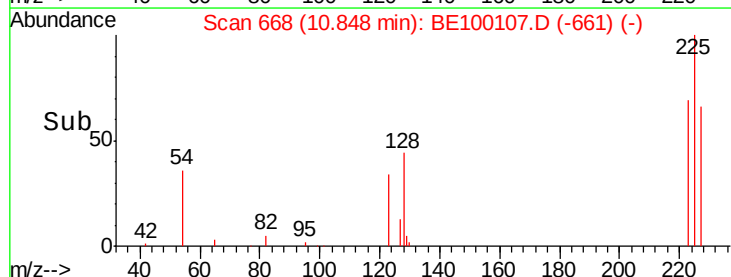
227 69.4 53.0 79.6

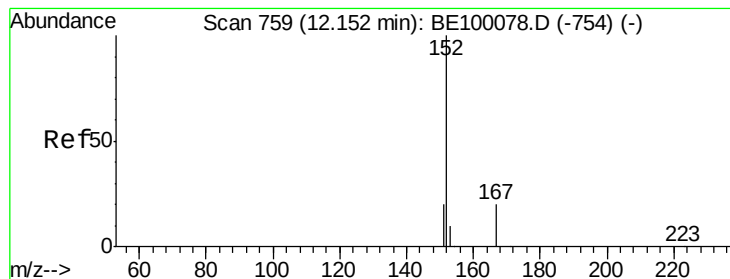


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.413 ng

RT: 12.17 min Scan# 760

Delta R.T. 0.01 min

Lab File: BE100107.D

Acq: 20 Jun 2019 14:14

Instrument :

BNA_E

ClientSampleId :

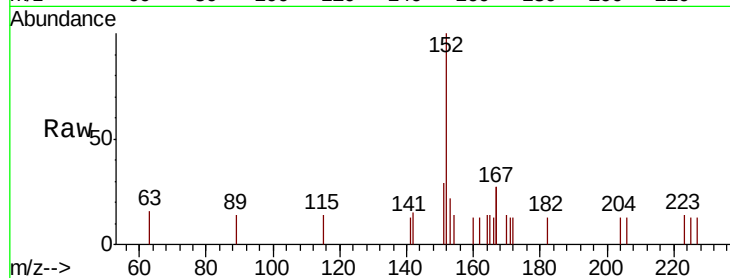
PB120562BS

Tgt Ion:152 Resp: 1154

Ion Ratio Lower Upper

152 100

151 19.1 16.3 24.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.17

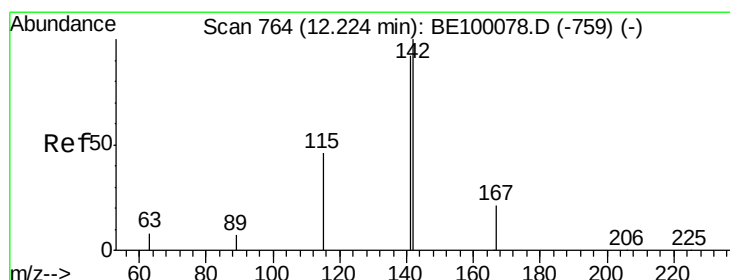
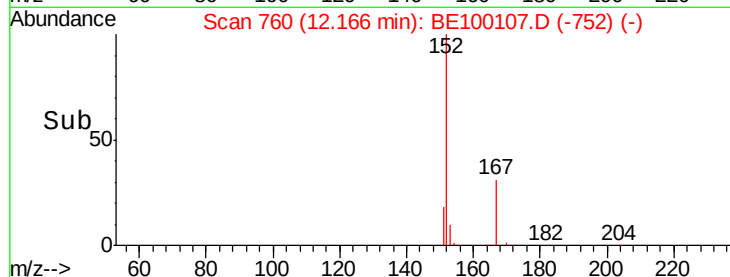
300

200

100

0

Time--> 12.00 12.20 12.40



#12

2-Methylnaphthalene

Concen: 0.433 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.01 min

Lab File: BE100107.D

Acq: 20 Jun 2019 14:14

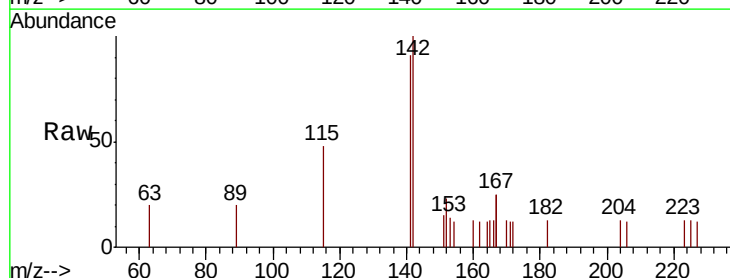
Tgt Ion:142 Resp: 1136

Ion Ratio Lower Upper

142 100

141 91.0 74.1 111.1

115 47.8 40.9 61.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.24

400

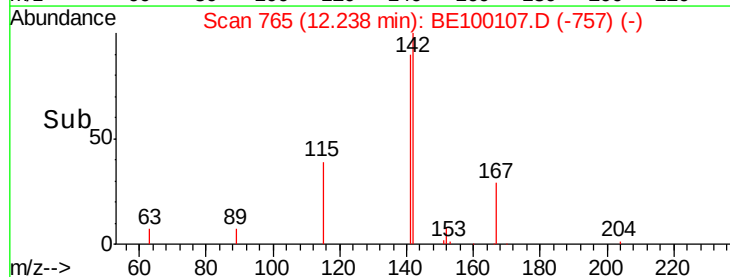
300

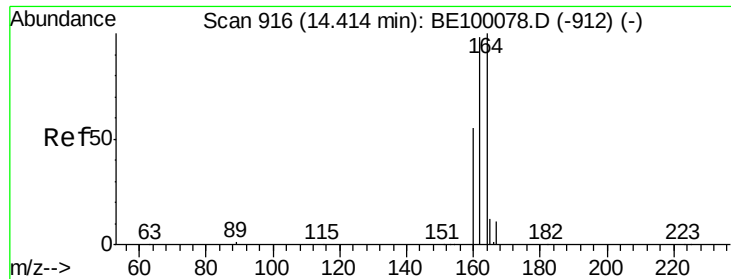
200

100

0

Time--> 12.20 12.30





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.41 min Scan# 916

Delta R.T. -0.00 min

Lab File: BE100107.D

Acq: 20 Jun 2019 14:14

Instrument :

BNA_E

ClientSampleId :

PB120562BS

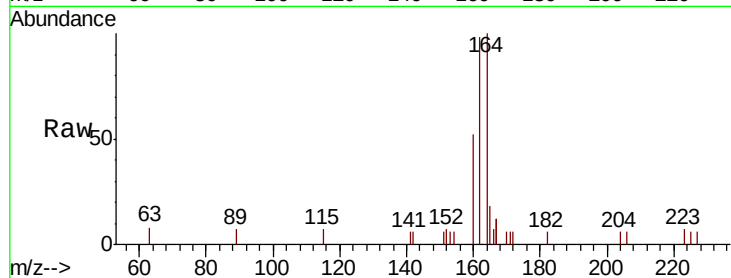
Tgt Ion:164 Resp: 1294

Ion Ratio Lower Upper

164 100

162 98.4 78.2 117.2

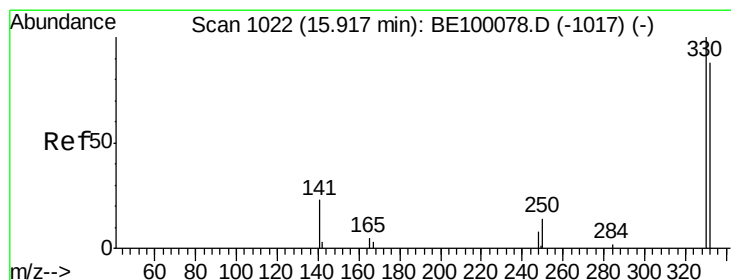
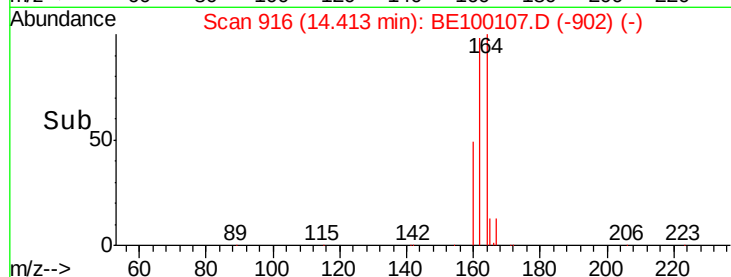
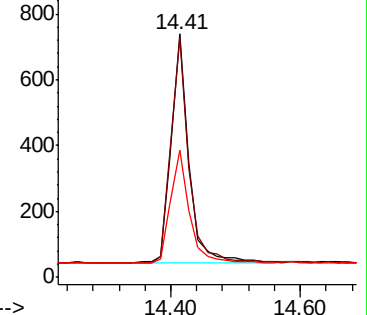
160 52.2 45.6 68.4



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

2,4,6-Tribromophenol

Concen: 0.420 ng

RT: 15.92 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BE100107.D

Acq: 20 Jun 2019 14:14

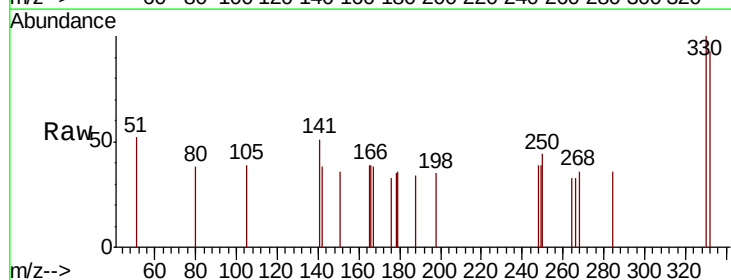
Tgt Ion:330 Resp: 300

Ion Ratio Lower Upper

330 100

332 91.0 73.3 109.9

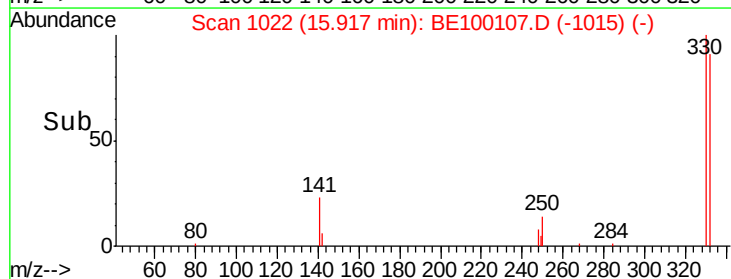
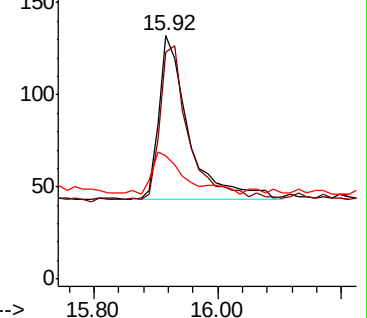
141 0.0 22.2 33.2#

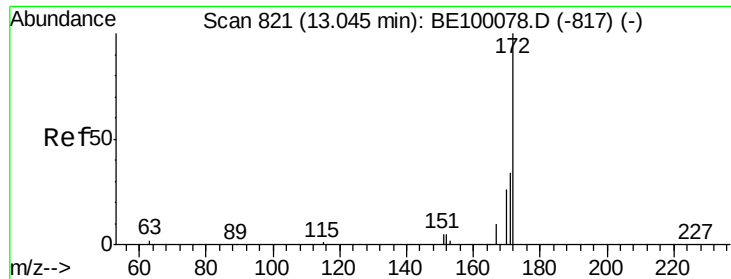


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

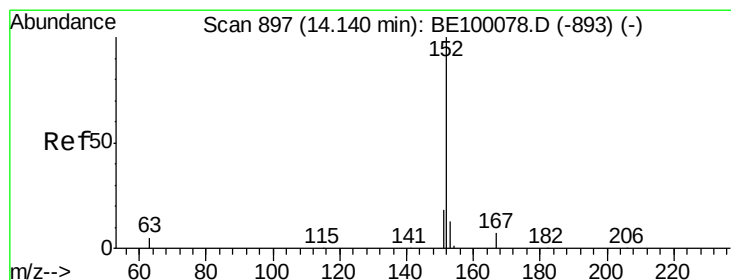
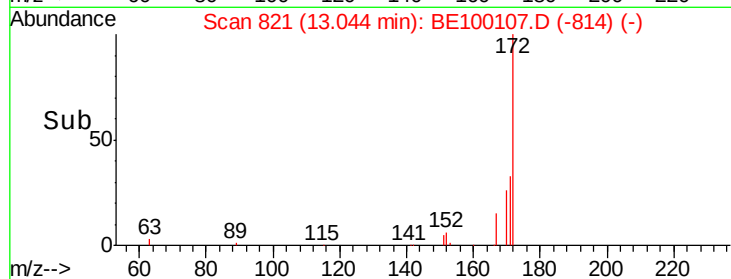
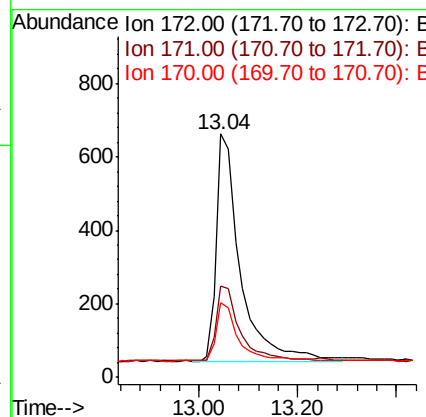
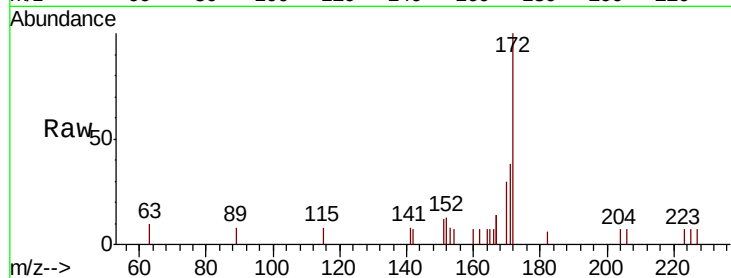




#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 13.04 min Scan# 821
Delta R.T. -0.00 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

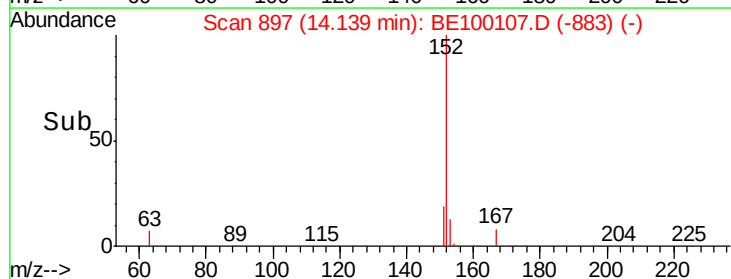
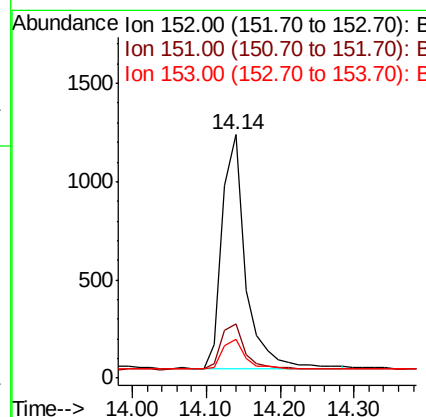
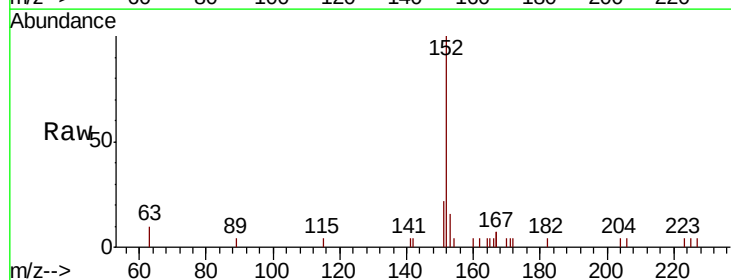
Instrument :
BNA_E
ClientSampleId :
PB120562BS

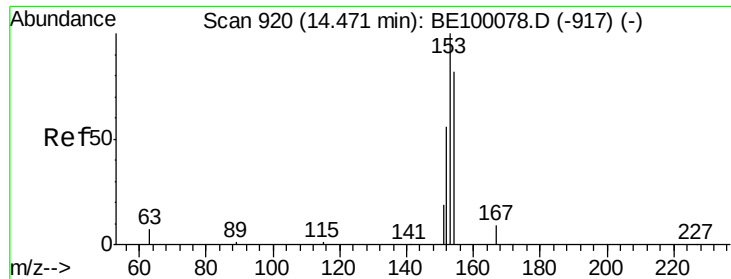
Tgt Ion:172 Resp: 2073
Ion Ratio Lower Upper
172 100
171 37.6 29.8 44.8
170 30.5 23.2 34.8



#16
Acenaphthylene
Concen: 0.429 ng
RT: 14.14 min Scan# 897
Delta R.T. -0.00 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Tgt Ion:152 Resp: 2633
Ion Ratio Lower Upper
152 100
151 20.7 15.9 23.9
153 12.8 10.1 15.1

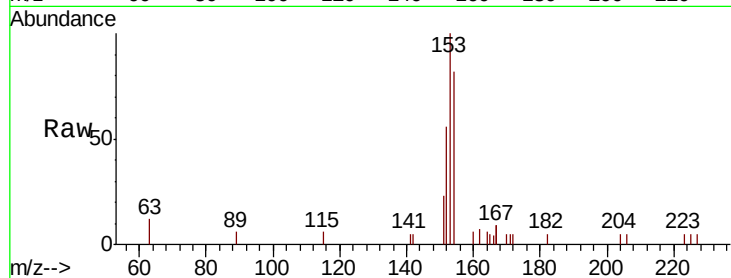




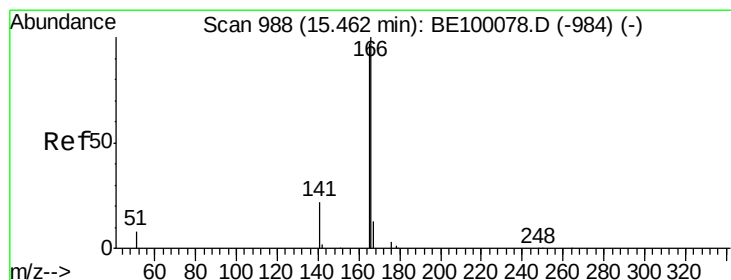
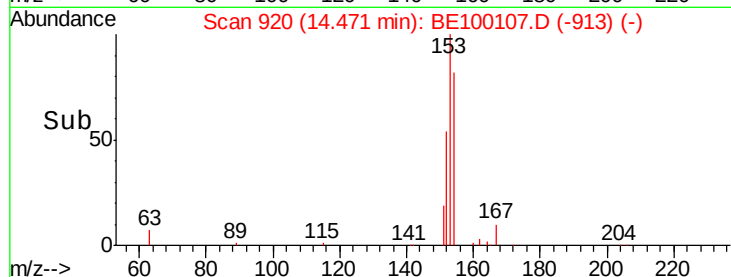
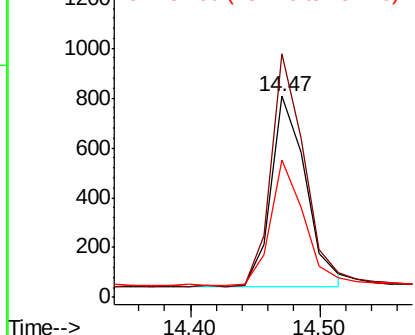
#17
Acenaphthene
Concen: 0.415 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Instrument :
BNA_E
ClientSampleId :
PB120562BS

Tgt Ion:154 Resp: 1427
Ion Ratio Lower Upper
154 100
153 117.4 95.5 143.3
152 63.2 54.9 82.3

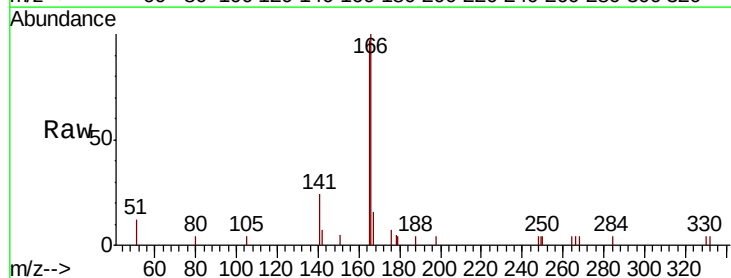


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

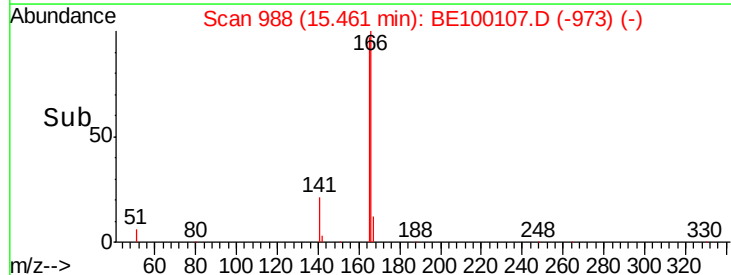
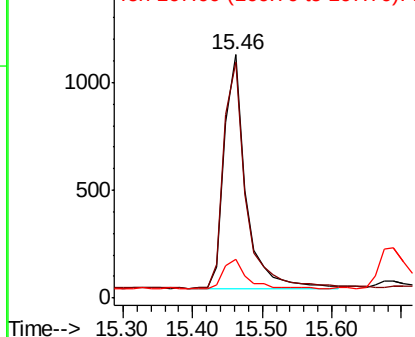


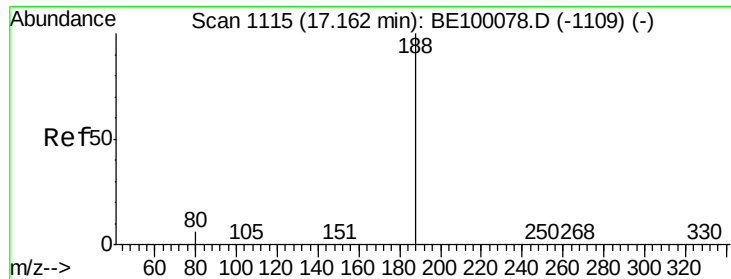
#18
Fluorene
Concen: 0.452 ng
RT: 15.46 min Scan# 988
Delta R.T. -0.00 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Tgt Ion:166 Resp: 2313
Ion Ratio Lower Upper
166 100
165 99.9 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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE100107.D

Acq: 20 Jun 2019 14:14

Instrument :

BNA_E

ClientSampleId :

PB120562BS

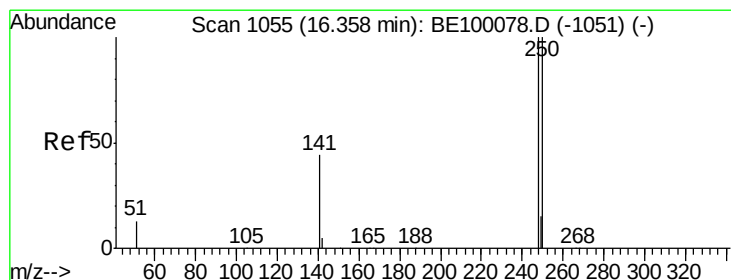
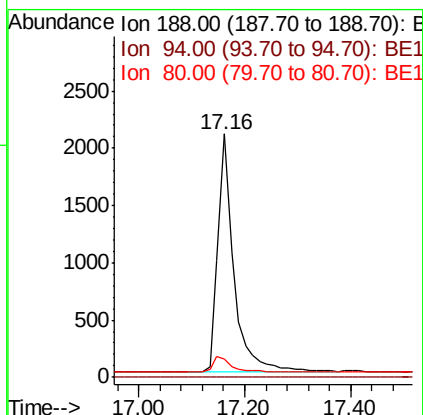
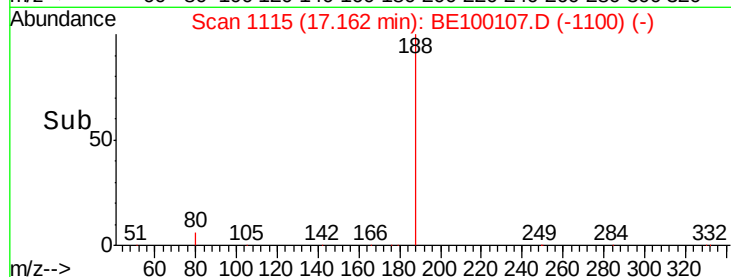
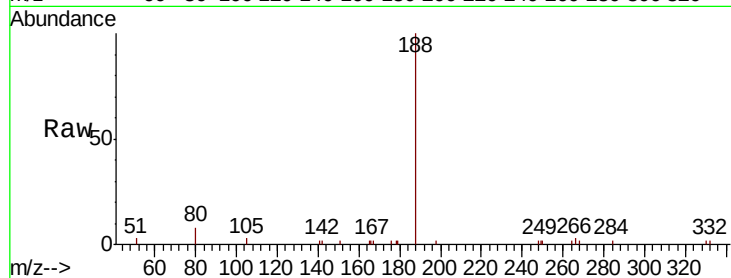
Tgt Ion:188 Resp: 4325

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.7 6.3 9.5



#20

4-Bromophenyl-phenylether

Concen: 0.413 ng

RT: 16.36 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BE100107.D

Acq: 20 Jun 2019 14:14

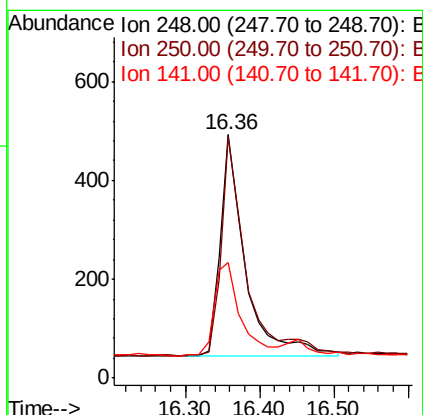
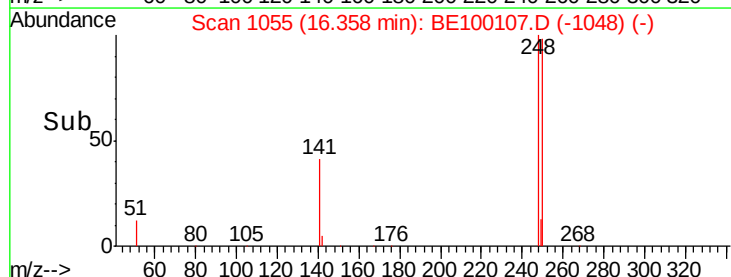
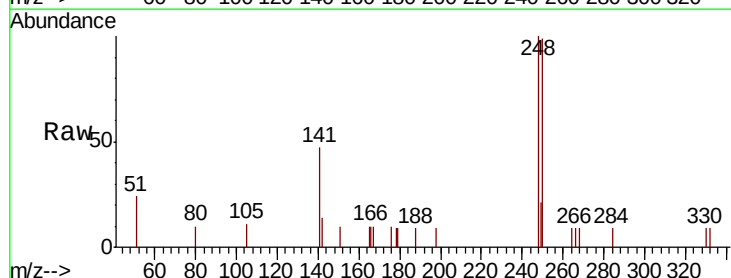
Tgt Ion:248 Resp: 1063

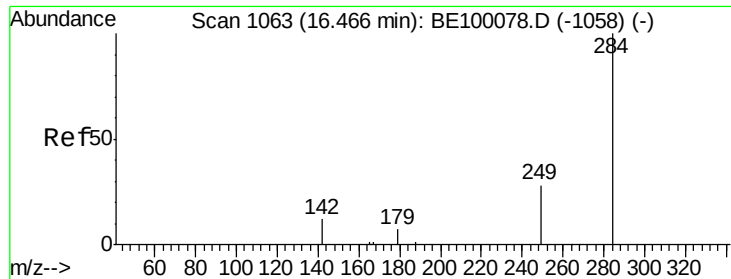
Ion Ratio Lower Upper

248 100

250 99.0 80.6 120.8

141 47.3 38.8 58.2

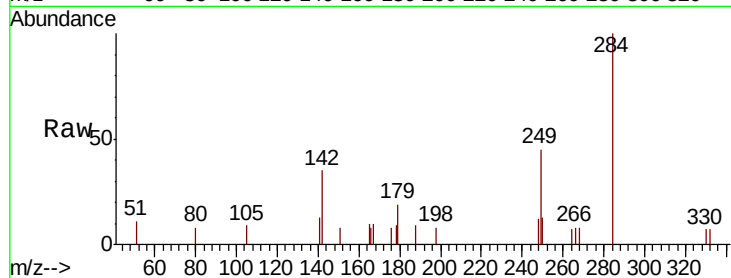




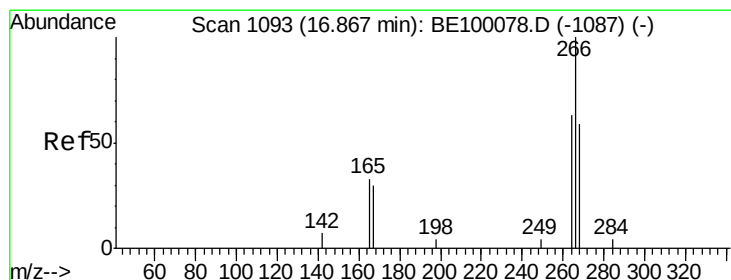
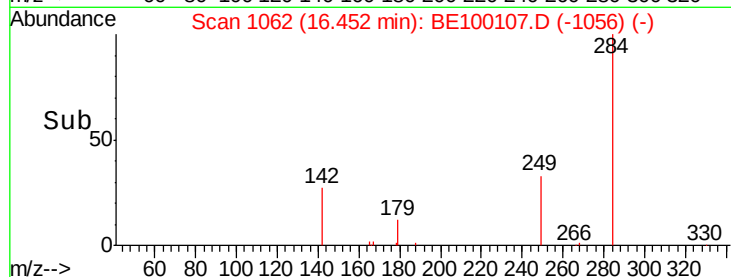
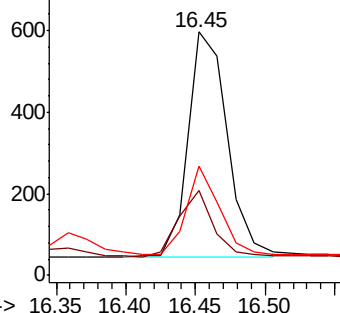
#21
Hexachlorobenzene
Concen: 0.379 ng
RT: 16.45 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Instrument :
BNA_E
ClientSampleId :
PB120562BS

Tgt Ion: 284 Resp: 1075
Ion Ratio Lower Upper
284 100
142 25.7 20.7 31.1
249 32.5 26.6 39.8

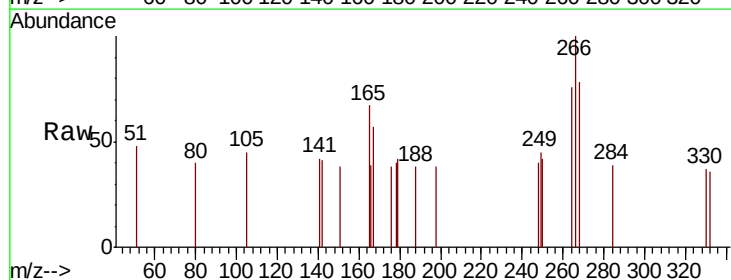


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

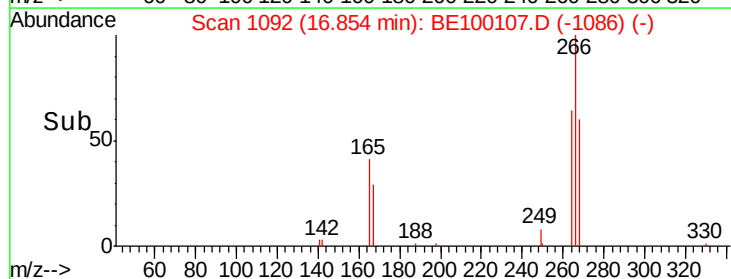
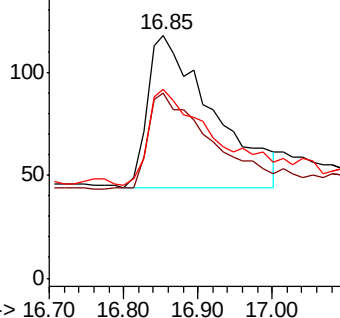


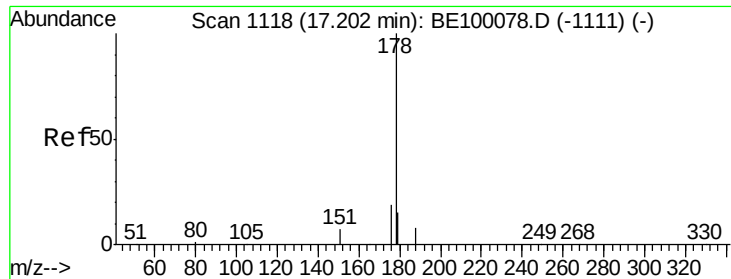
#22
Pentachlorophenol
Concen: 0.732 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Tgt Ion: 266 Resp: 451
Ion Ratio Lower Upper
266 100
264 76.3 67.8 101.6
268 78.0 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: BE100107.D

Acq: 20 Jun 2019 14:14

Instrument :

BNA_E

ClientSampleId :

PB120562BS

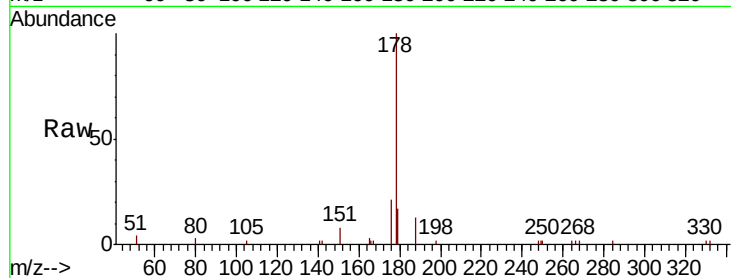
Tgt Ion:178 Resp: 4310

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

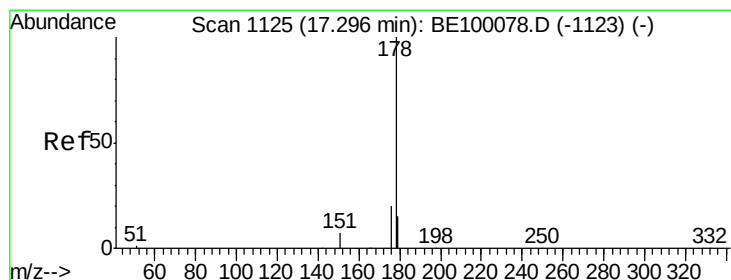
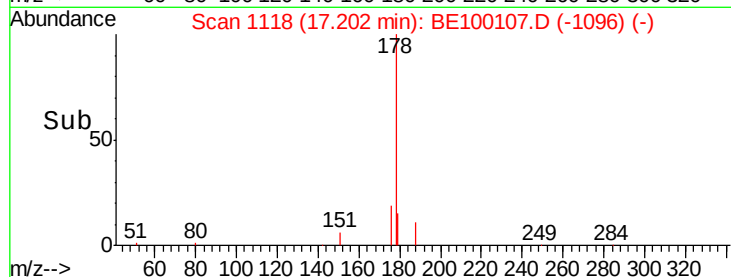
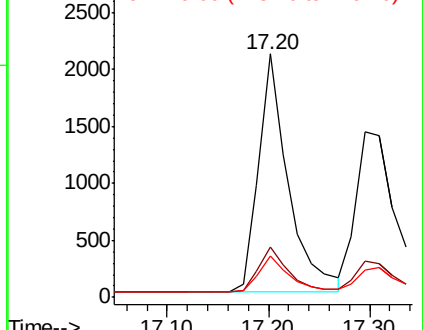
179 15.5 13.1 19.7



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: 0.391 ng

RT: 17.30 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BE100107.D

Acq: 20 Jun 2019 14:14

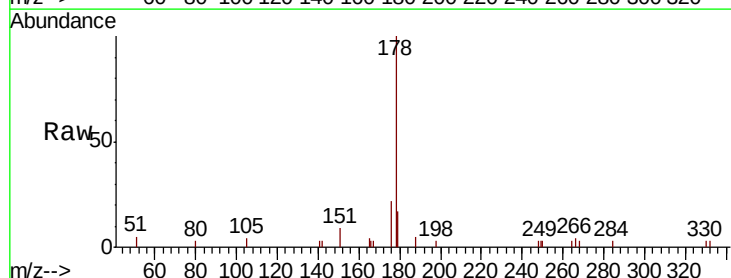
Tgt Ion:178 Resp: 3413

Ion Ratio Lower Upper

178 100

176 18.4 15.8 23.6

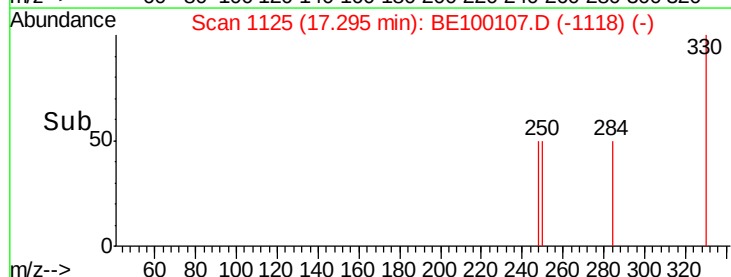
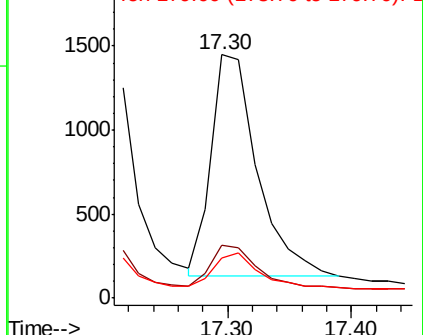
179 15.0 12.0 18.0

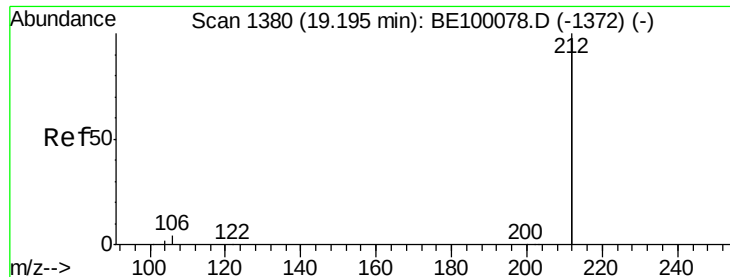


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.414 ng

RT: 19.20 min Scan# 1380

Delta R.T. 0.00 min

Lab File: BE100107.D

Acq: 20 Jun 2019 14:14

Instrument :

BNA_E

ClientSampleId :

PB120562BS

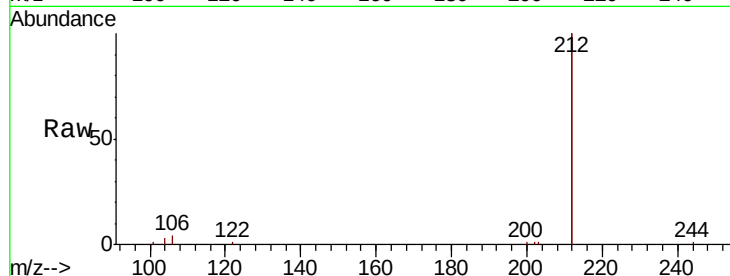
Tgt Ion:212 Resp: 25595

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.0

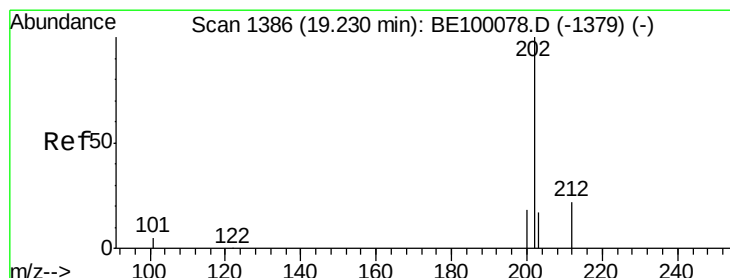
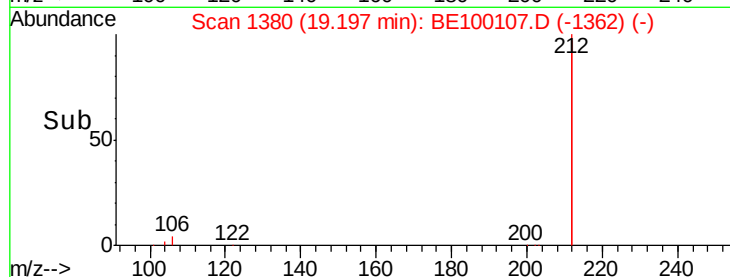
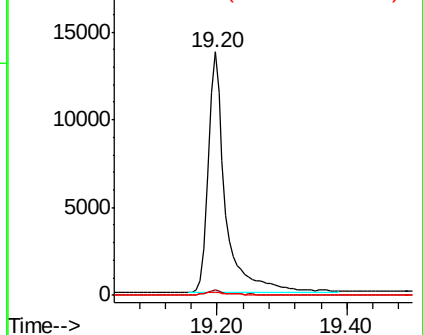
104 0.9 0.8 1.2



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.437 ng

RT: 19.23 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BE100107.D

Acq: 20 Jun 2019 14:14

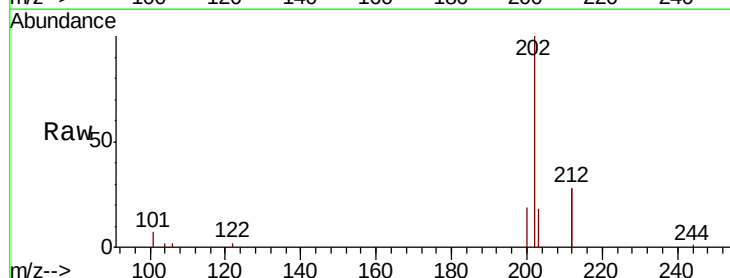
Tgt Ion:202 Resp: 7277

Ion Ratio Lower Upper

202 100

101 6.3 5.0 7.4

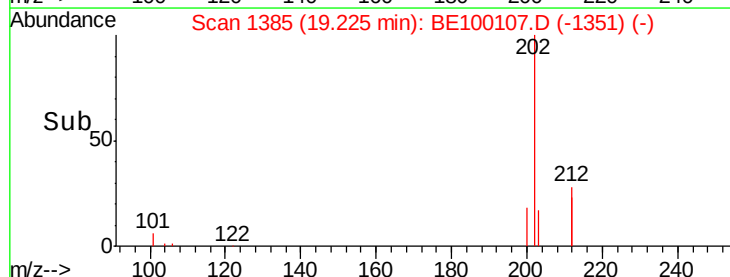
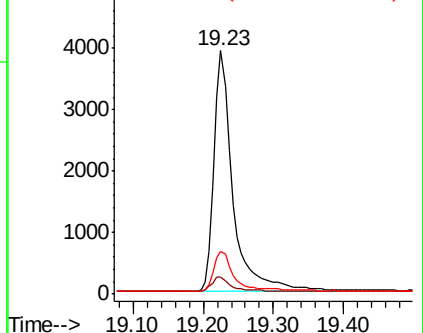
203 16.9 13.7 20.5

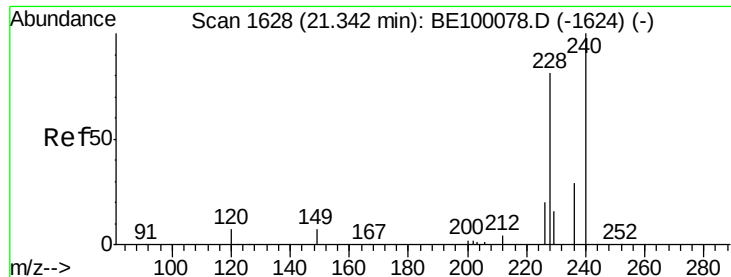


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

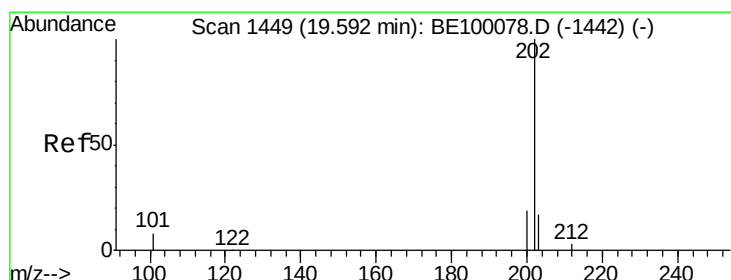
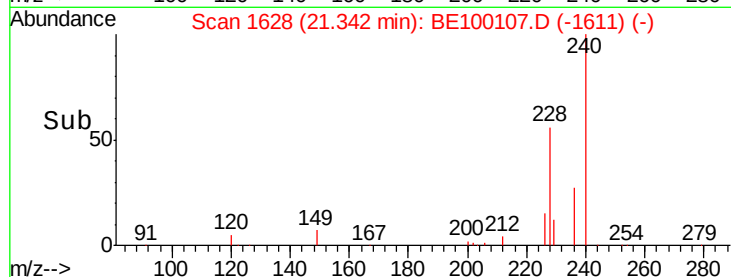
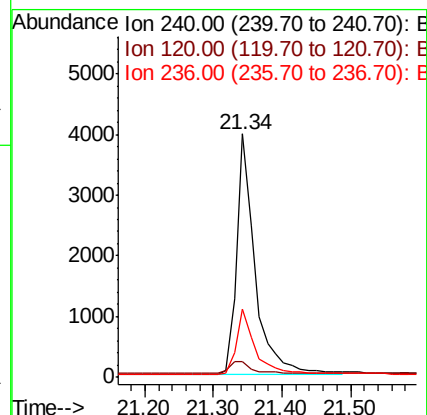
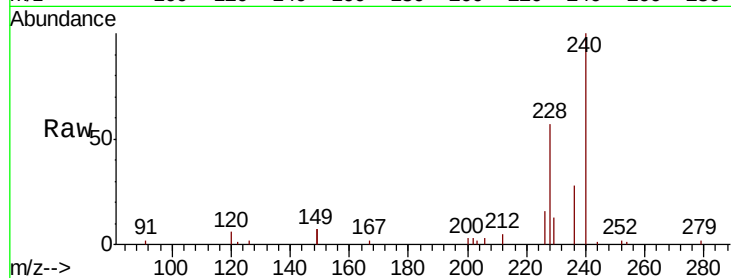




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.34 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: BE100107.D
 Acq: 20 Jun 2019 14:14

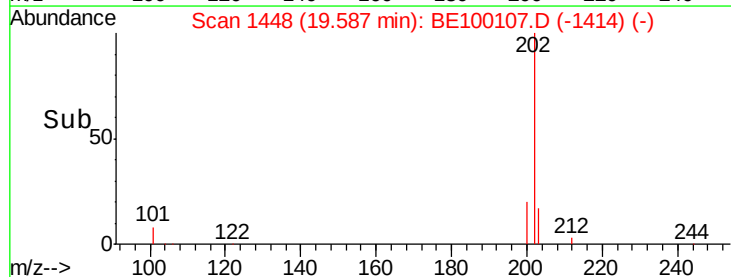
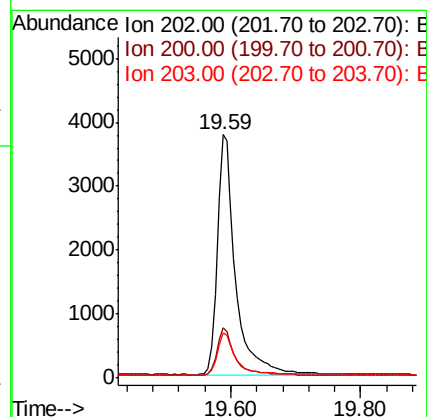
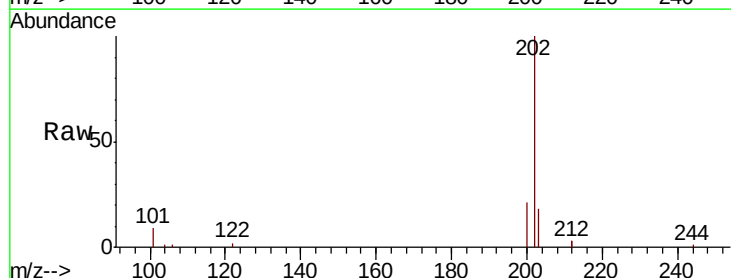
Instrument :
 BNA_E
 ClientSampleId :
 PB120562BS

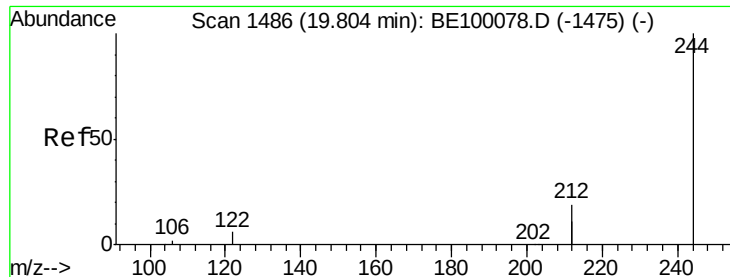
Tgt Ion: 240 Resp: 7413
 Ion Ratio Lower Upper
 240 100
 120 6.4 6.6 10.0#
 236 27.8 23.8 35.6



#28
 Pyrene
 Concen: 0.391 ng
 RT: 19.59 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BE100107.D
 Acq: 20 Jun 2019 14:14

Tgt Ion: 202 Resp: 7441
 Ion Ratio Lower Upper
 202 100
 200 19.2 15.6 23.4
 203 17.3 13.9 20.9





#29

Terphenyl-d14

Concen: 0.339 ng

RT: 19.80 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BE100107.D

Acq: 20 Jun 2019 14:14

Instrument :

BNA_E

ClientSampleId :

PB120562BS

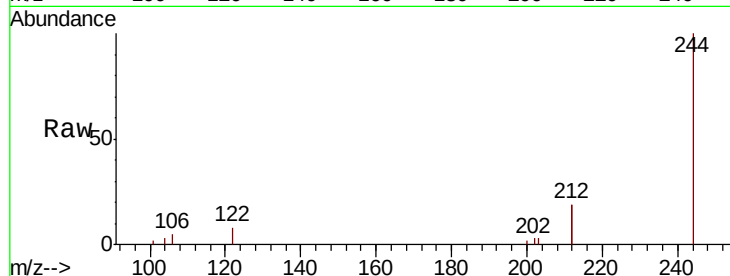
Tgt Ion:244 Resp: 5026

Ion Ratio Lower Upper

244 100

212 38.7 29.8 44.8

122 8.1 6.1 9.1

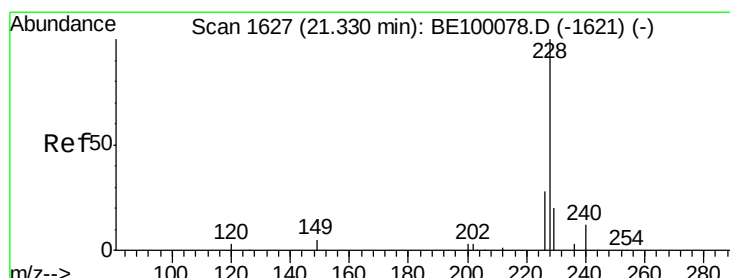
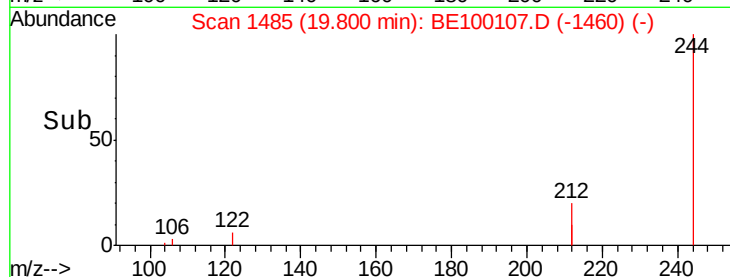
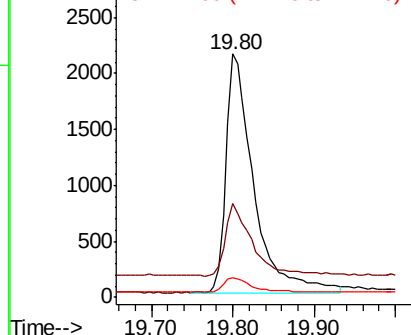


Abundance

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: 0.367 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100107.D

Acq: 20 Jun 2019 14:14

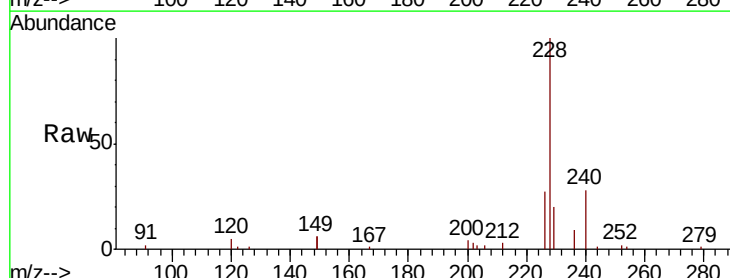
Tgt Ion:228 Resp: 8101

Ion Ratio Lower Upper

228 100

226 27.4 23.0 34.4

229 20.1 16.4 24.6

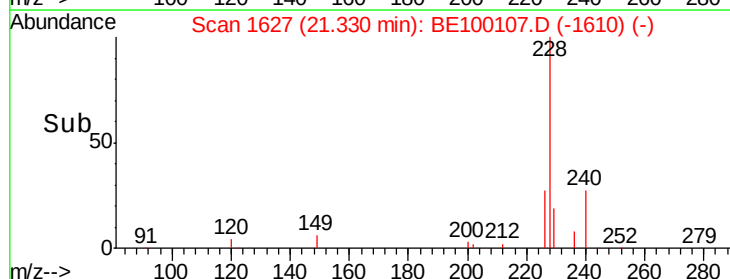
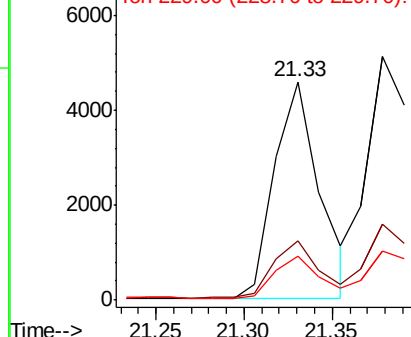


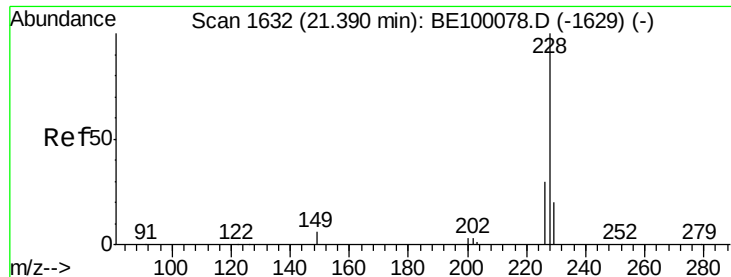
Abundance

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: 0.395 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE100107.D

Acq: 20 Jun 2019 14:14

Instrument :

BNA_E

ClientSampleId :

PB120562BS

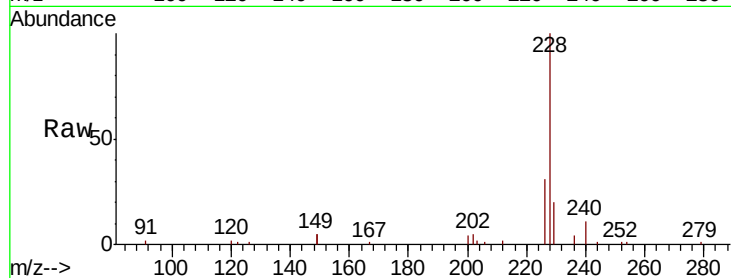
Tgt Ion:228 Resp: 10124

Ion Ratio Lower Upper

228 100

226 31.0 23.8 35.8

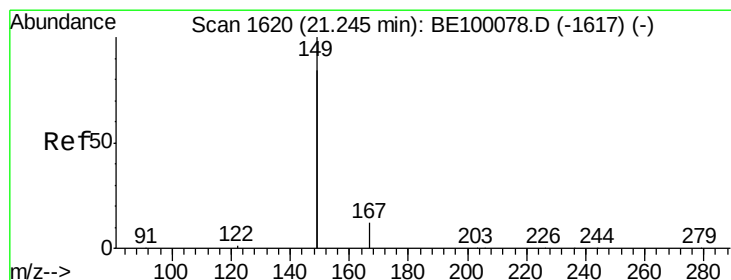
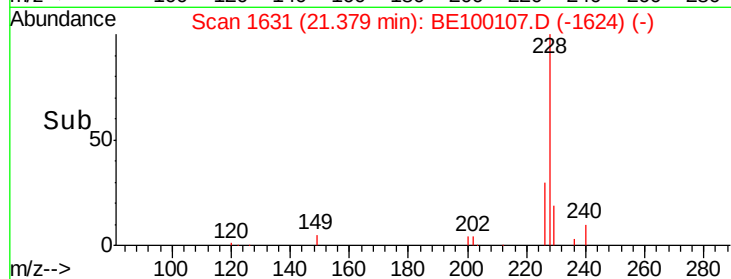
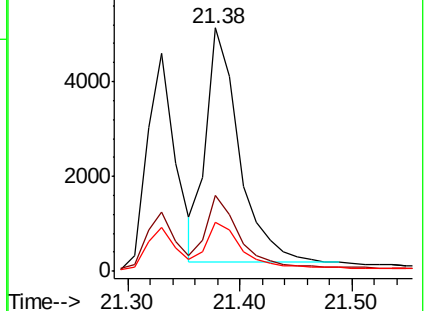
229 20.2 16.3 24.5



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: 0.476 ng

RT: 21.25 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100107.D

Acq: 20 Jun 2019 14:14

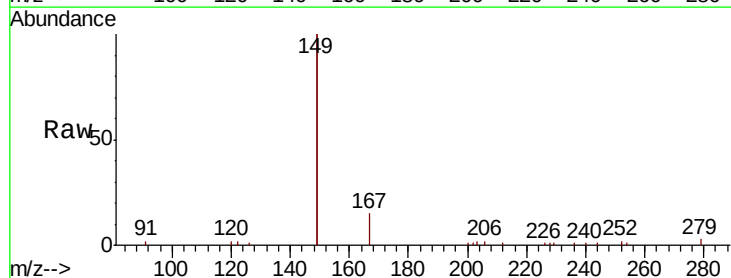
Tgt Ion:149 Resp: 9914

Ion Ratio Lower Upper

149 100

167 7.1 5.8 8.6

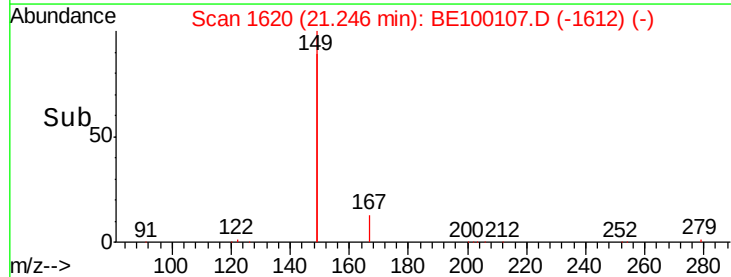
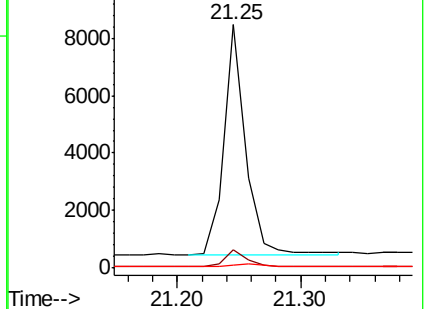
279 1.4 1.1 1.7

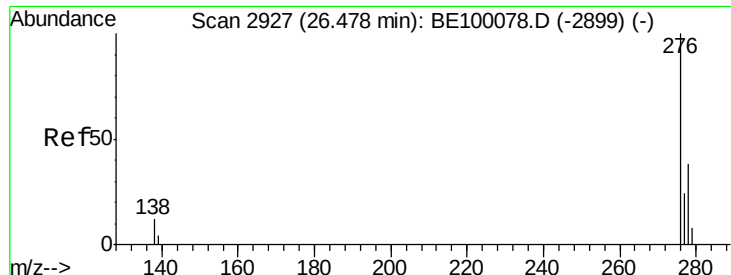


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.433 ng

RT: 26.47 min Scan# 2926

Delta R.T. -0.00 min

Lab File: BE100107.D

Acq: 20 Jun 2019 14:14

Instrument :

BNA_E

ClientSampleId :

PB120562BS

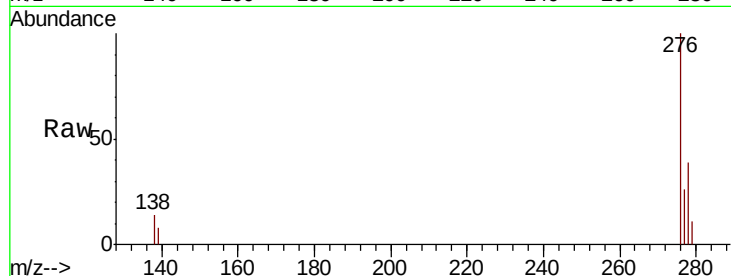
Tgt Ion:276 Resp: 12490

Ion Ratio Lower Upper

276 100

138 12.8 4.3 6.5#

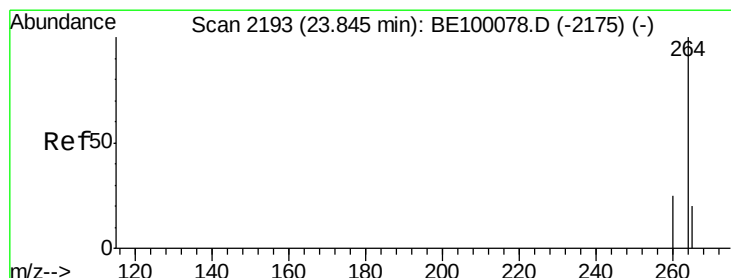
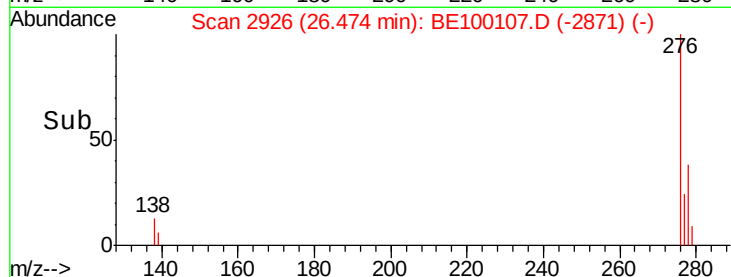
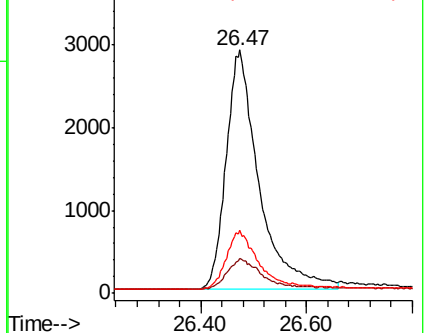
277 24.2 19.4 29.0



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# 2191

Delta R.T. -0.01 min

Lab File: BE100107.D

Acq: 20 Jun 2019 14:14

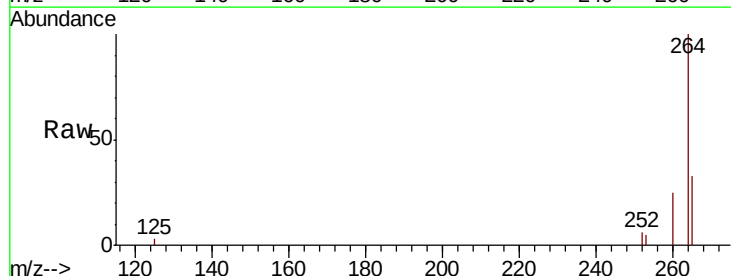
Tgt Ion:264 Resp: 8377

Ion Ratio Lower Upper

264 100

260 25.2 20.8 31.2

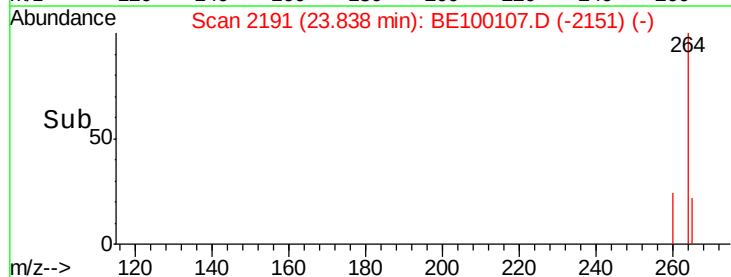
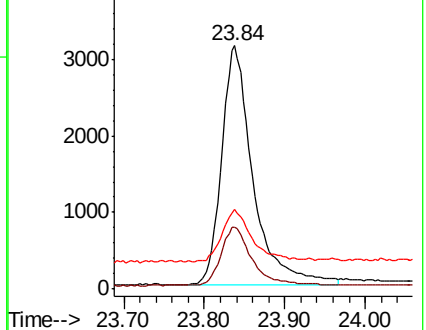
265 32.6 23.2 34.8

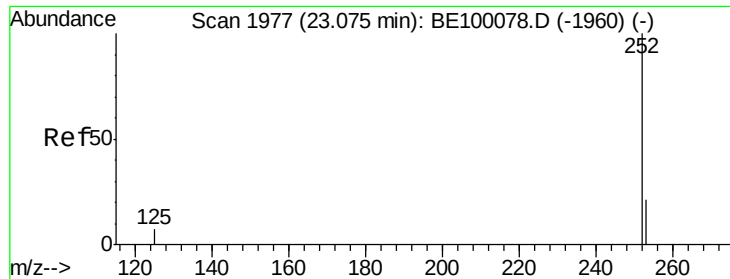


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

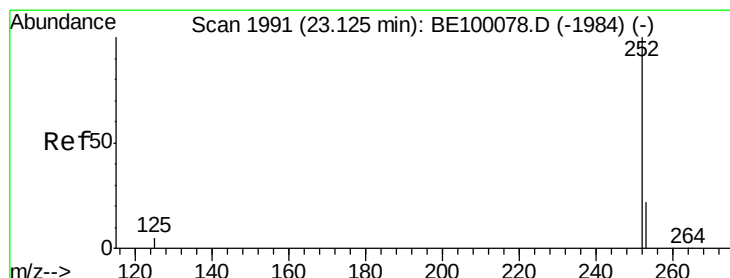
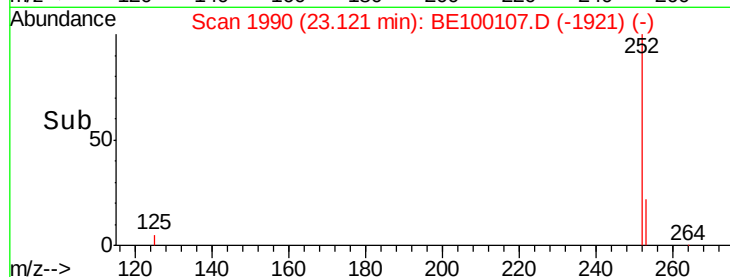
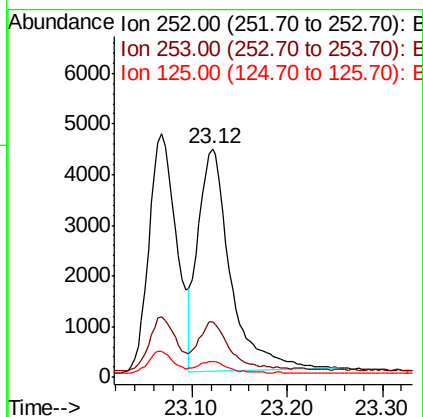
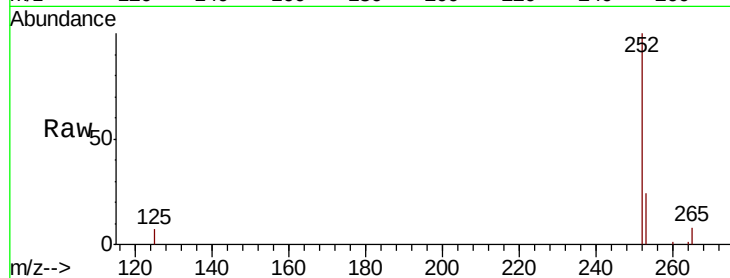




#35
Benzo(b)fluoranthene
Concen: 0.420 ng
RT: 23.12 min Scan# 1990
Delta R.T. 0.05 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

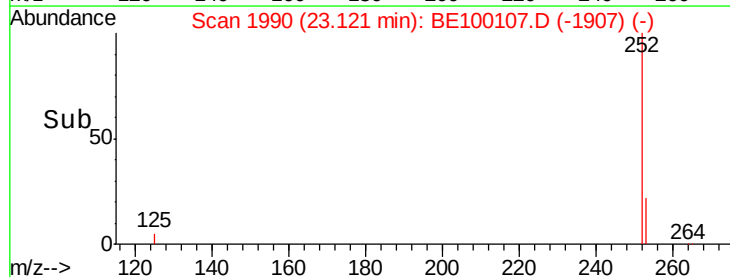
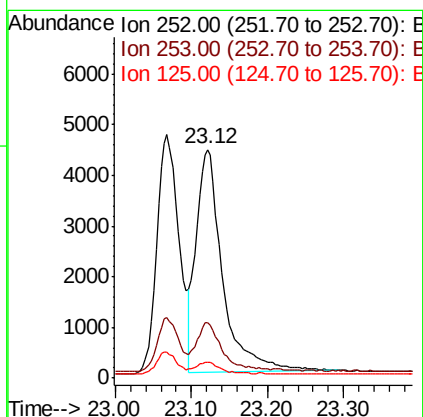
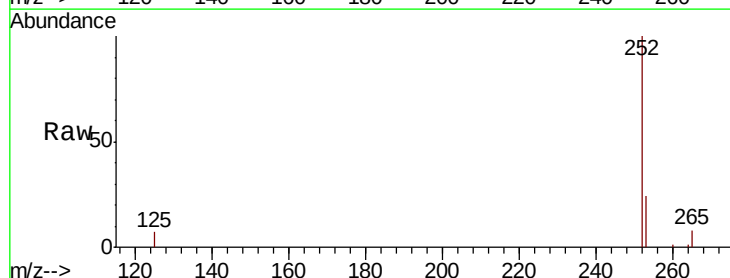
Instrument :
BNA_E
ClientSampleId :
PB120562BS

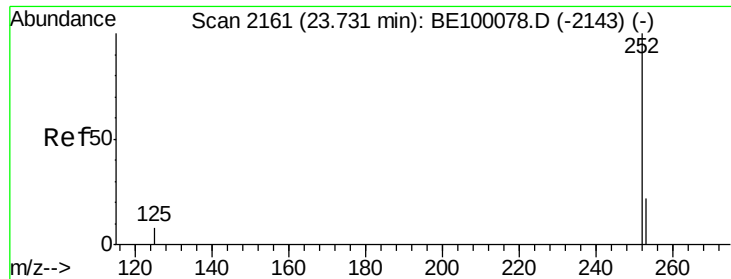
Tgt Ion:252 Resp: 10329
Ion Ratio Lower Upper
252 100
253 24.3 18.4 27.6
125 6.8 6.4 9.6



#36
Benzo(k)fluoranthene
Concen: 0.384 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Tgt Ion:252 Resp: 10751
Ion Ratio Lower Upper
252 100
253 24.3 18.9 28.3
125 6.8 5.3 7.9





#37

Benzo(a)pyrene

Concen: 0.405 ng

RT: 23.72 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BE100107.D

Acq: 20 Jun 2019 14:14

Instrument :

BNA_E

ClientSampleId :

PB120562BS

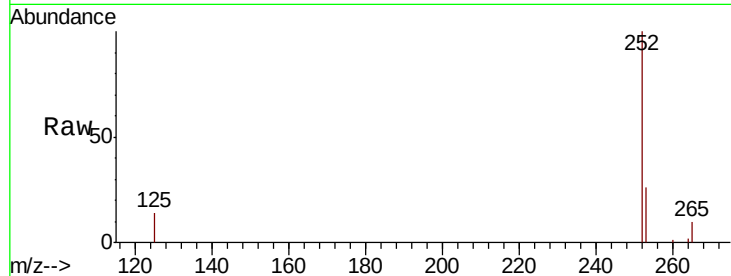
Tgt Ion:252 Resp: 9618

Ion Ratio Lower Upper

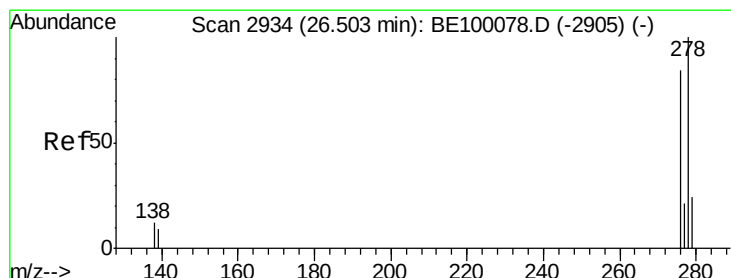
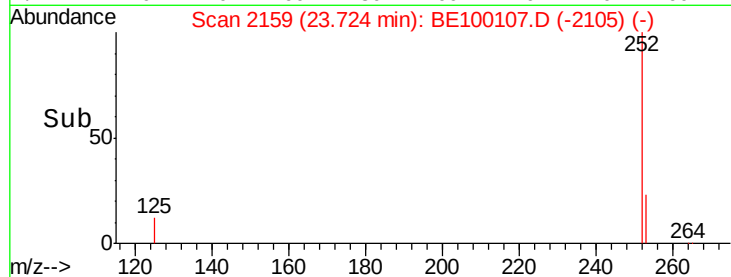
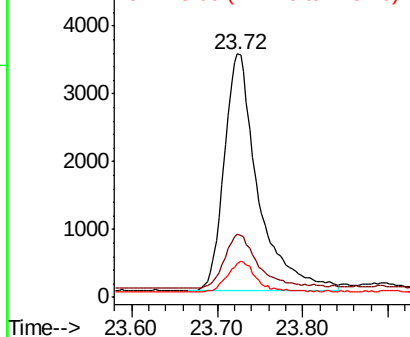
252 100

253 26.1 19.4 29.2

125 13.8 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: 0.406 ng

RT: 26.50 min Scan# 2934

Delta R.T. -0.00 min

Lab File: BE100107.D

Acq: 20 Jun 2019 14:14

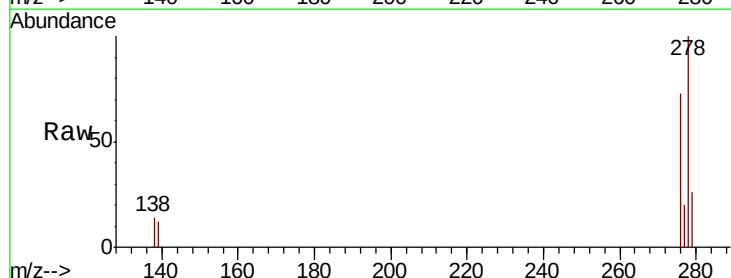
Tgt Ion:278 Resp: 9871

Ion Ratio Lower Upper

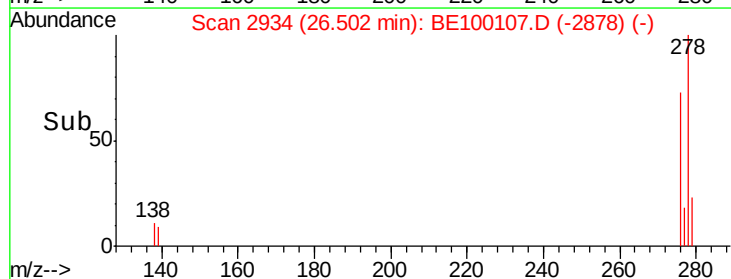
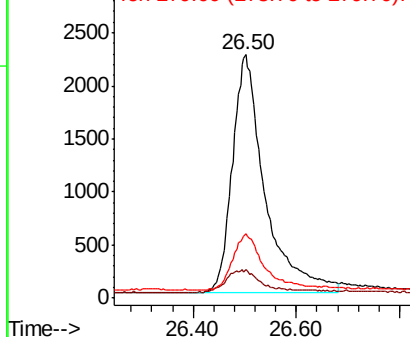
278 100

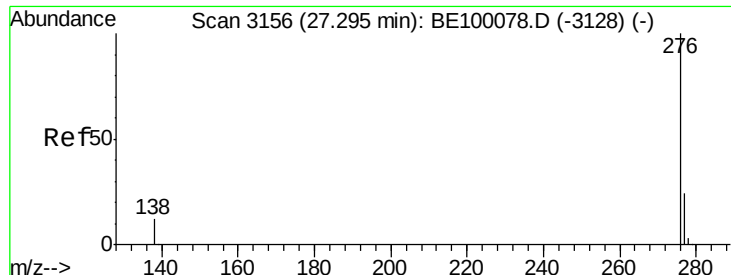
139 11.8 9.0 13.6

279 26.2 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: 0.416 ng

RT: 27.28 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BE100107.D

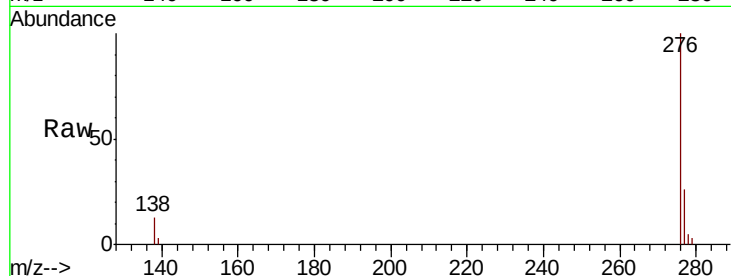
Acq: 20 Jun 2019 14:14

Instrument :

BNA_E

ClientSampleId :

PB120562BS



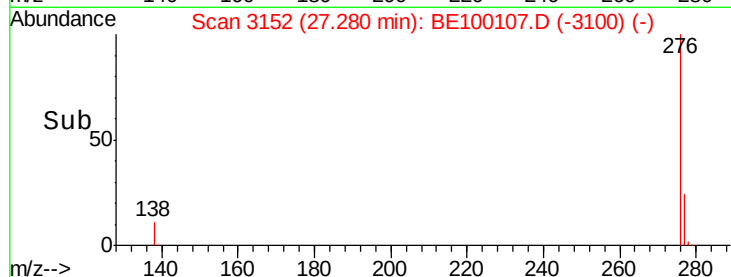
Tgt Ion: 276 Resp: 10516

Ion Ratio Lower Upper

276 100

277 25.7 20.3 30.5

138 13.4 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

