

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062519\
 Data File : BE100183.D
 Acq On : 25 Jun 2019 17:00
 Operator : JU/SJ
 Sample : PB120573BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120573BS

Quant Time: Jun 26 03:20:27 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	380	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	1387	0.40	ng	0.00
13) Acenaphthene-d10	14.35	164	1002	0.40	ng	0.01
19) Phenanthrene-d10	17.09	188	2943	0.40	ng	0.00
27) Chrysene-d12	21.28	240	5014	0.40	ng	0.00
34) Perylene-d12	23.73	264	6783	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	336	0.40	ng	0.00
5) Phenol-d6	6.87	99	417	0.36	ng	0.00
8) Nitrobenzene-d5	8.86	82	454	0.33	ng	0.01
11) 2-Methylnaphthalene-d10	12.09	152	1014	0.39	ng	0.01
14) 2,4,6-Tribromophenol	15.86	330	217	0.37	ng	0.01
15) 2-Fluorobiphenyl	12.99	172	1729	0.43	ng	0.01
25) Fluoranthene-d10	19.13	212	16486	0.39	ng	0.00
29) Terphenyl-d14	19.74	244	3277	0.33	ng	0.00

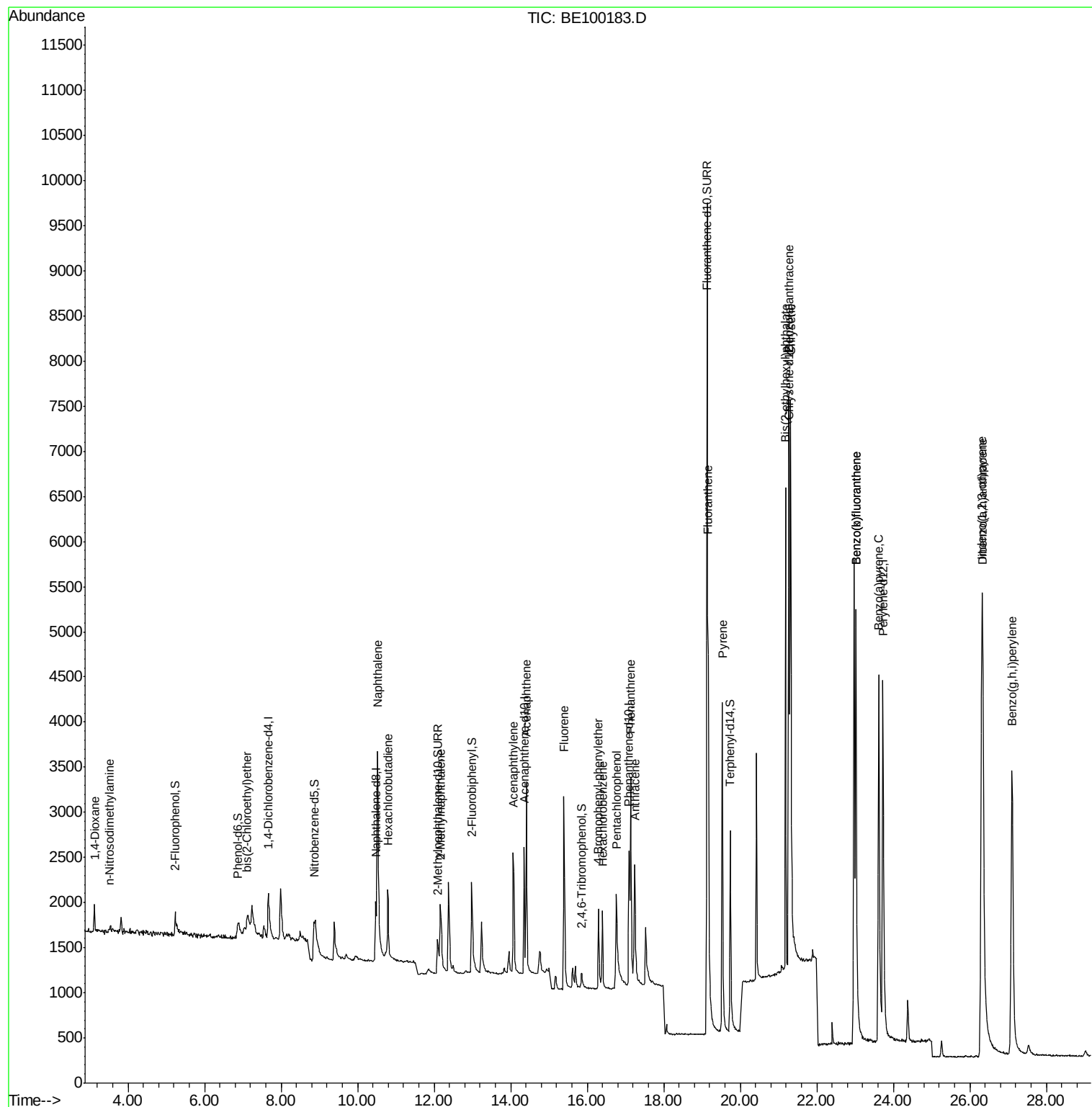
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	319	0.536	ng	# 92
3) n-Nitrosodimethylamine	3.51	42	34	0.155	ng	# 51
6) bis(2-Chloroethyl)ether	7.12	93	400	0.376	ng	# 49
9) Naphthalene	10.52	128	6409	0.423	ng	100
10) Hexachlorobutadiene	10.78	225	650	0.416	ng	98
12) 2-Methylnaphthalene	12.16	142	917	0.376	ng	95
16) Acenaphthylene	14.07	152	2152	0.440	ng	98
17) Acenaphthene	14.41	154	1140	0.416	ng	98
18) Fluorene	15.39	166	1683	0.425	ng	99
20) 4-Bromophenyl-phenylether	16.29	248	737	0.404	ng	96
21) Hexachlorobenzene	16.40	284	848	0.423	ng	98
22) Pentachlorophenol	16.76	266	1377	2.312	ng	# 80
23) Phenanthrene	17.13	178	3000	0.430	ng	99
24) Anthracene	17.24	178	2292	0.389	ng	98
26) Fluoranthene	19.16	202	4782	0.422	ng	99
28) Pyrene	19.53	202	4800	0.374	ng	99
30) Benzo(a)anthracene	21.27	228	5616	0.380	ng	99
31) Chrysene	21.32	228	6619	0.382	ng	99
32) Bis(2-ethylhexyl)phthalate	21.19	149	5515	0.325	ng	100
33) Indeno(1,2,3-cd)pyrene	26.31	276	10935	0.443	ng	# 93
35) Benzo(b)fluoranthene	23.02	252	8584	0.471	ng	98
36) Benzo(k)fluoranthene	23.02	252	8818	0.404	ng	100
37) Benzo(a)pyrene	23.62	252	7879	0.417	ng	# 91
38) Dibenzo(a,h)anthracene	26.34	278	8593	0.425	ng	98
39) Benzo(g,h,i)perylene	27.10	276	8921	0.423	ng	100

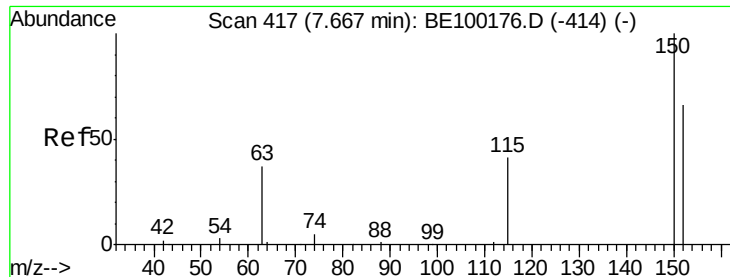
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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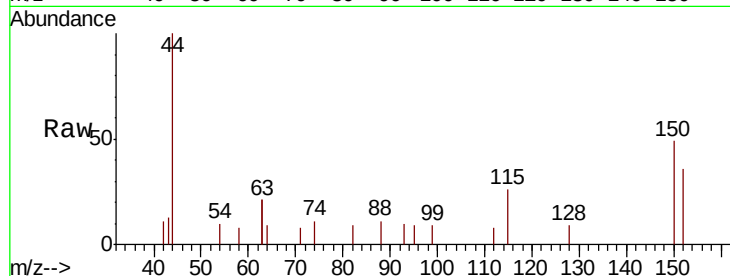


#1

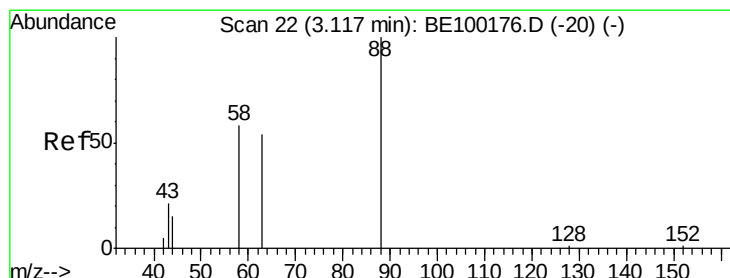
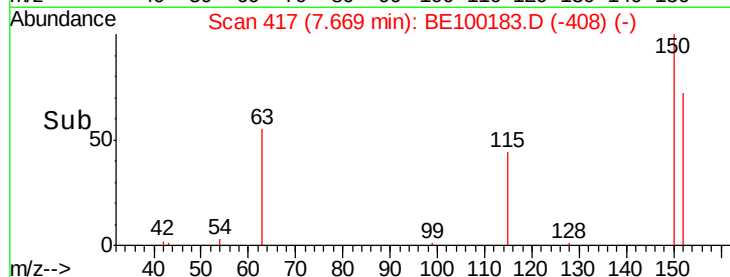
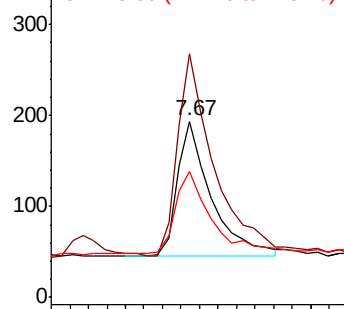
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.67 min Scan# 417
Delta R.T. 0.00 min
Lab File: BE100183.D
Acq: 25 Jun 2019 17:00

Instrument :
BNA_E
ClientSampleId :
PB120573BS

Tgt Ion: 152 Resp: 380
Ion Ratio Lower Upper
152 100
150 138.1 113.4 170.2
115 71.6 55.8 83.6



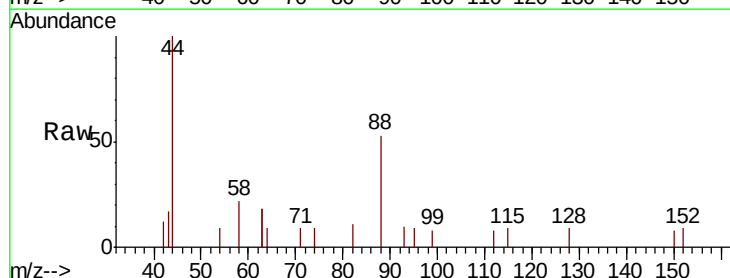
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



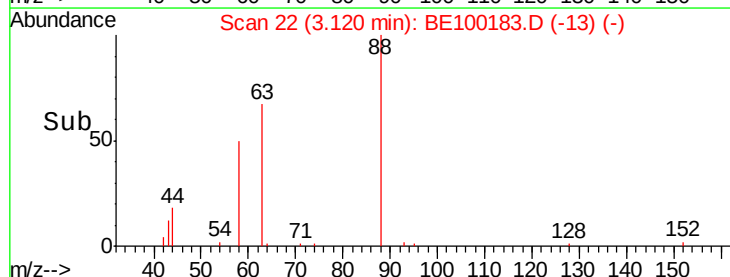
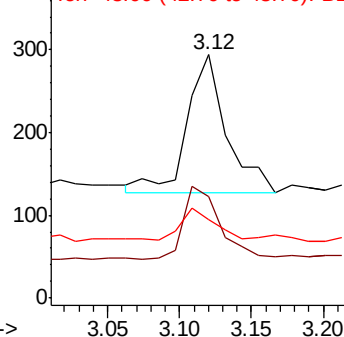
#2

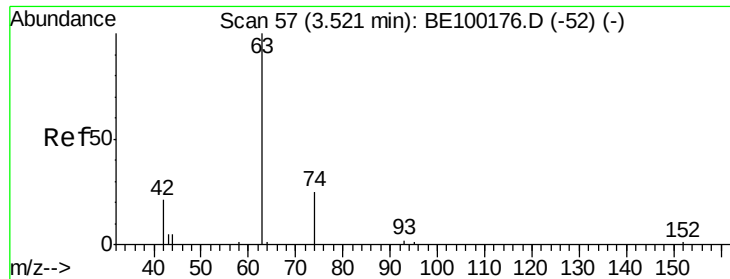
1,4-Dioxane
Concen: 0.536 ng
RT: 3.12 min Scan# 22
Delta R.T. 0.00 min
Lab File: BE100183.D
Acq: 25 Jun 2019 17:00

Tgt Ion: 88 Resp: 319
Ion Ratio Lower Upper
88 100
58 50.5 43.8 65.6
43 18.5 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: 0.155 ng

RT: 3.51 min Scan# 56

Delta R.T. -0.01 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Instrument :

BNA_E

ClientSampleId :

PB120573BS

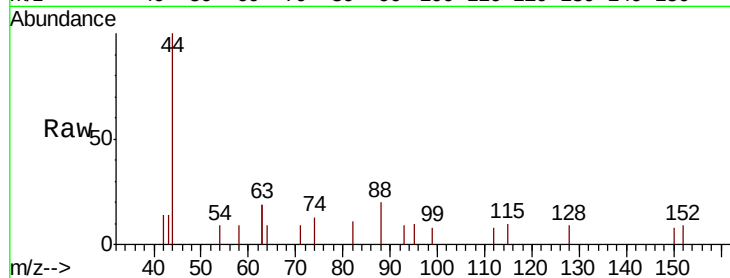
Tgt Ion: 42 Resp: 34

Ion Ratio Lower Upper

42 100

74 226.5 193.2 289.8

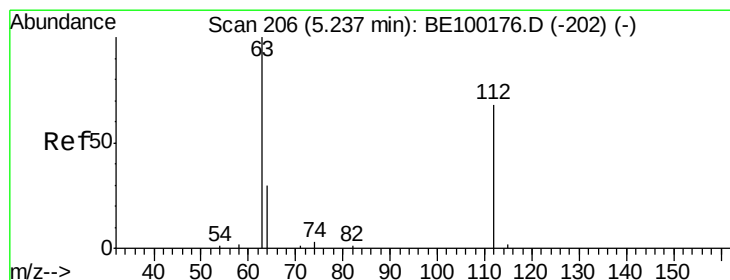
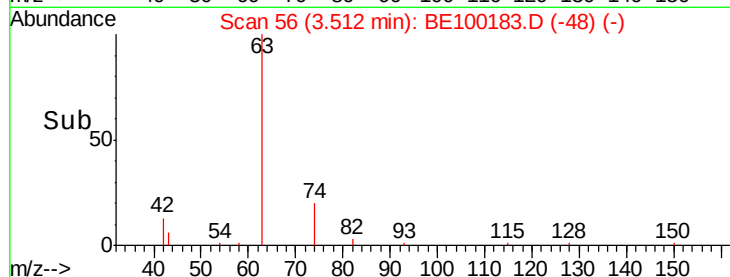
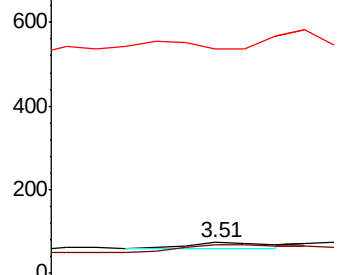
44 0.0 114.5 171.7#



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: 0.398 ng

RT: 5.24 min Scan# 206

Delta R.T. 0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

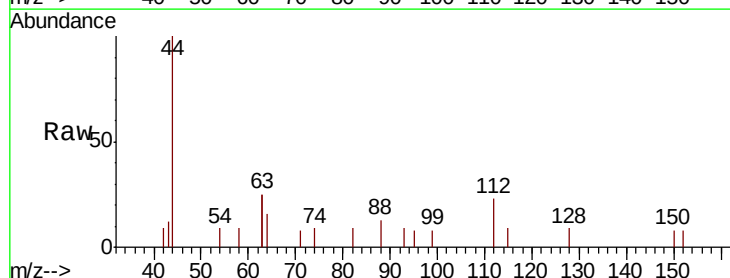
Tgt Ion: 112 Resp: 336

Ion Ratio Lower Upper

112 100

64 46.7 40.7 61.1

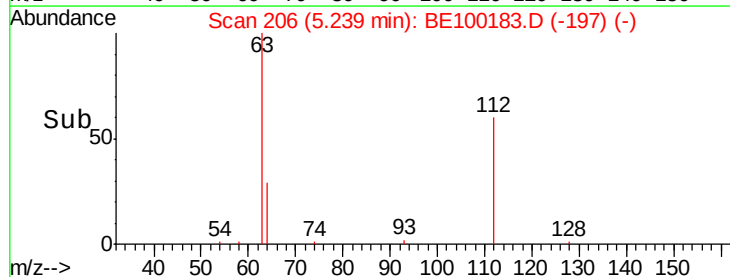
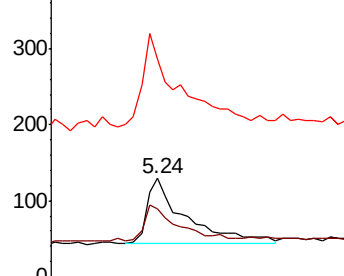
63 134.2 93.2 139.8

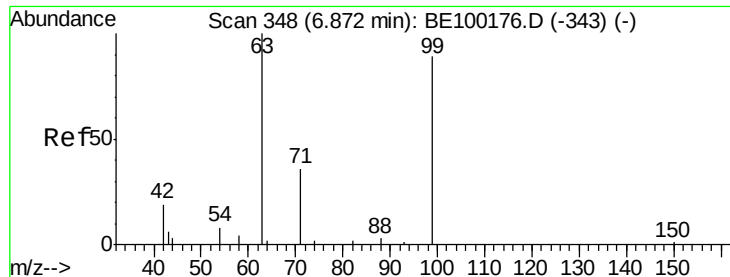


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.359 ng

RT: 6.87 min Scan# 348

Delta R.T. 0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Instrument :

BNA_E

ClientSampleId :

PB120573BS

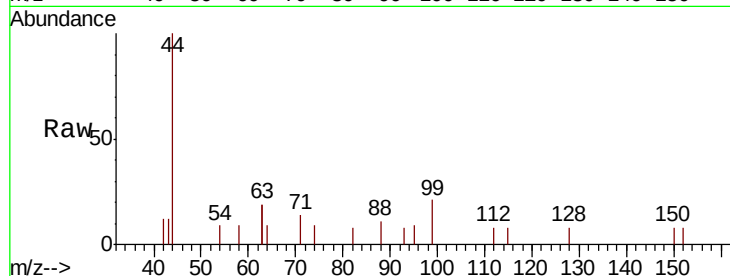
Tgt Ion: 99 Resp: 417

Ion Ratio Lower Upper

99 100

42 15.8 10.4 15.6#

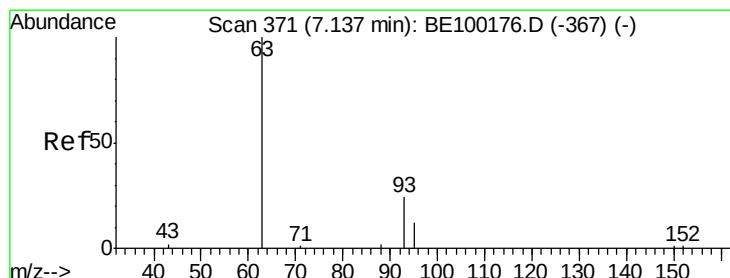
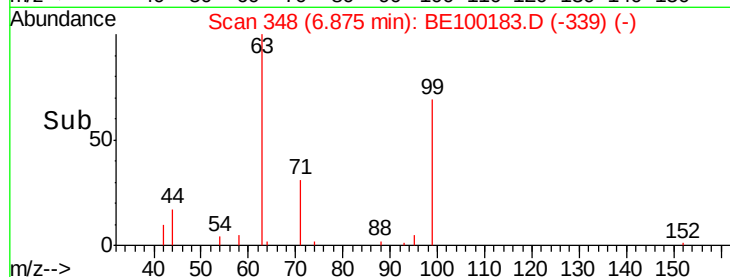
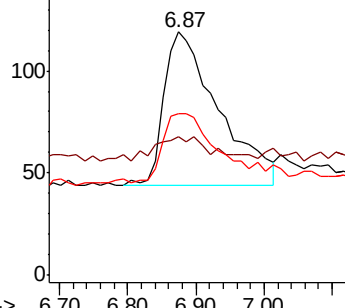
71 49.6 32.4 48.6#



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: 0.376 ng

RT: 7.12 min Scan# 369

Delta R.T. -0.02 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

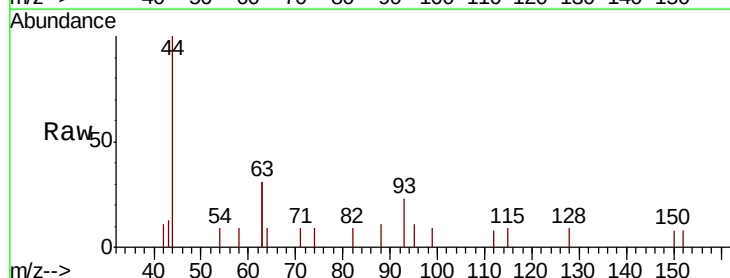
Tgt Ion: 93 Resp: 400

Ion Ratio Lower Upper

93 100

63 187.0 0.0 0.0#

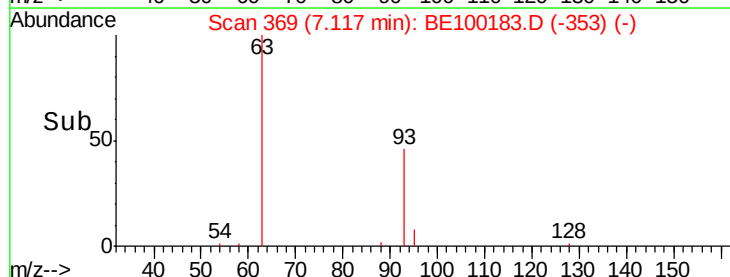
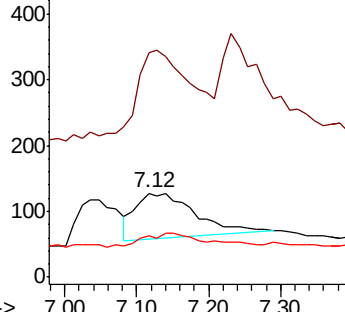
95 0.0 21.0 31.6#

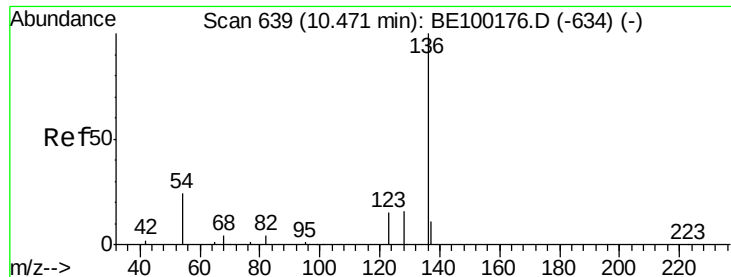


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: BE100183.D

Acq: 25 Jun 2019 17:00

Instrument :

BNA_E

ClientSampleId :

PB120573BS

Tgt Ion: 136 Resp: 1387

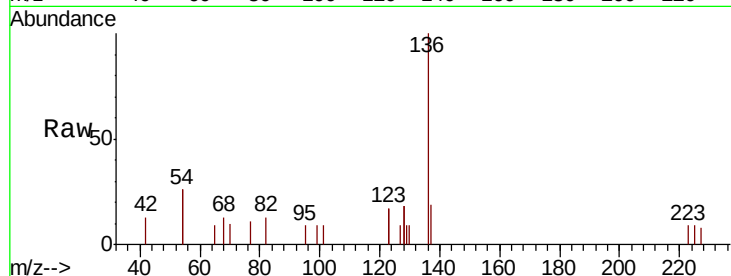
Ion Ratio Lower Upper

136 100

137 18.9 13.8 20.8

54 51.6 35.4 53.2

68 12.7 8.8 13.2

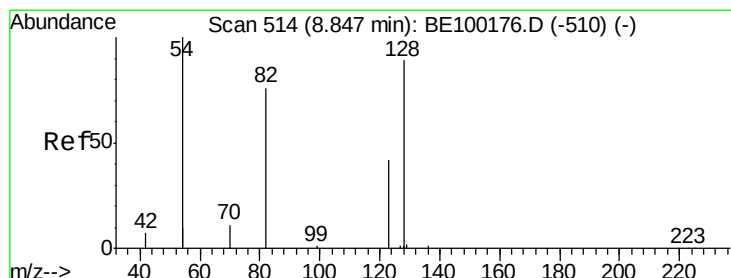
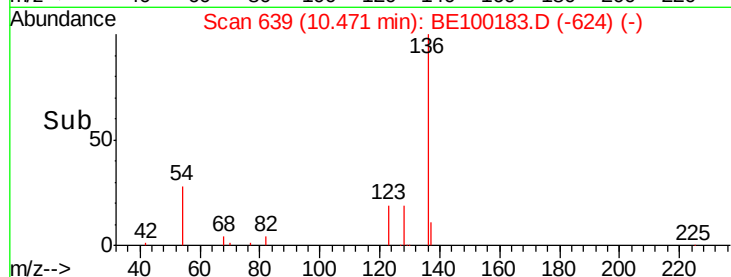
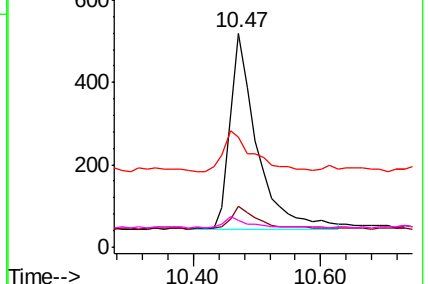


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.329 ng

RT: 8.86 min Scan# 515

Delta R.T. 0.01 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

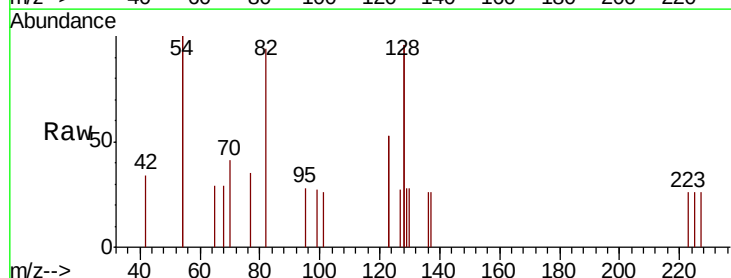
Tgt Ion: 82 Resp: 454

Ion Ratio Lower Upper

82 100

128 206.3 144.6 217.0

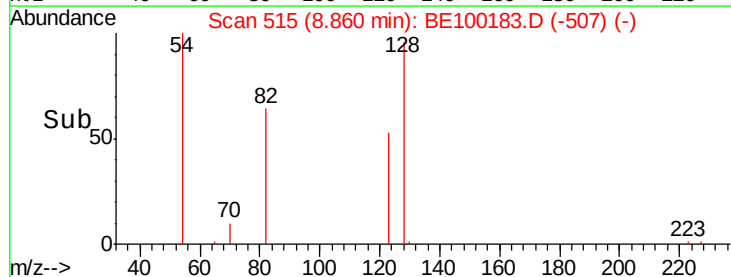
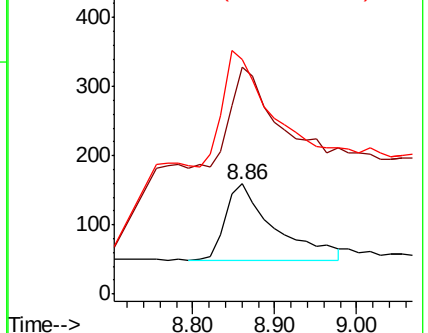
54 213.8 163.0 244.6

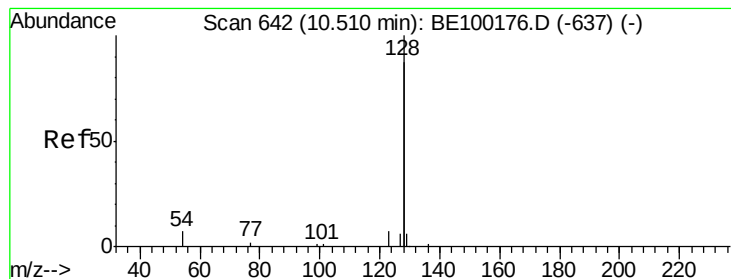


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.423 ng

RT: 10.52 min Scan# 643

Delta R.T. 0.01 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Instrument :

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ClientSampleId :

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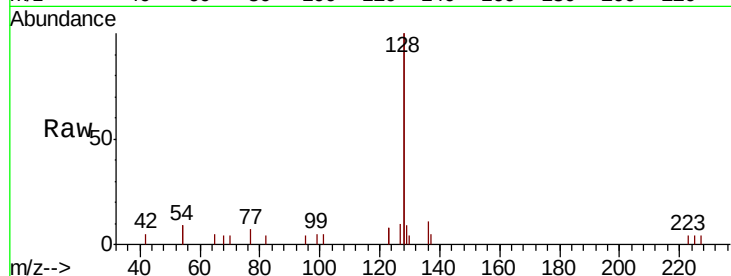
Tgt Ion:128 Resp: 6409

Ion Ratio Lower Upper

128 100

129 4.5 3.6 5.4

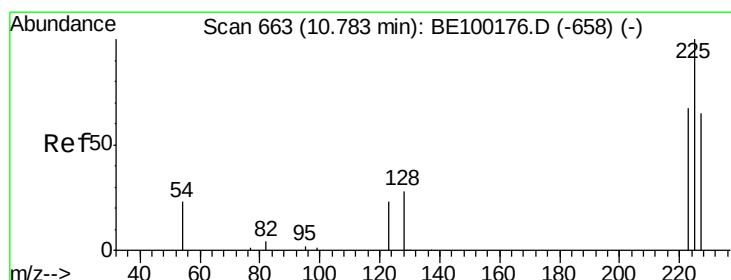
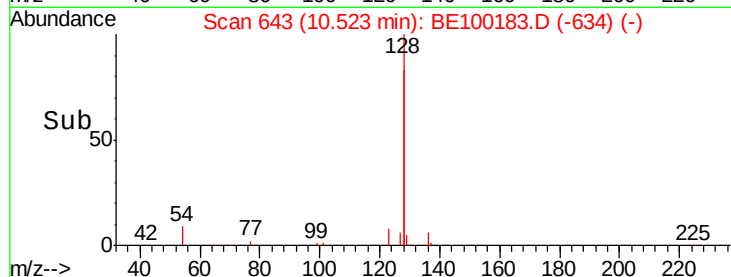
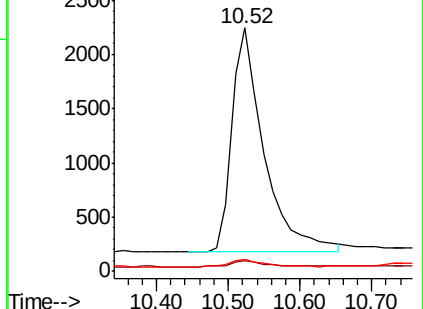
127 5.1 3.8 5.8



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: 0.416 ng

RT: 10.78 min Scan# 663

Delta R.T. -0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

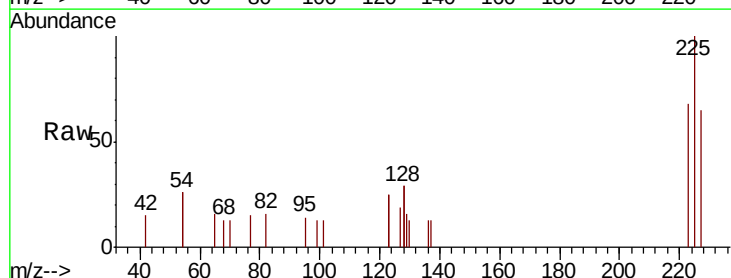
Tgt Ion:225 Resp: 650

Ion Ratio Lower Upper

225 100

223 64.0 50.1 75.1

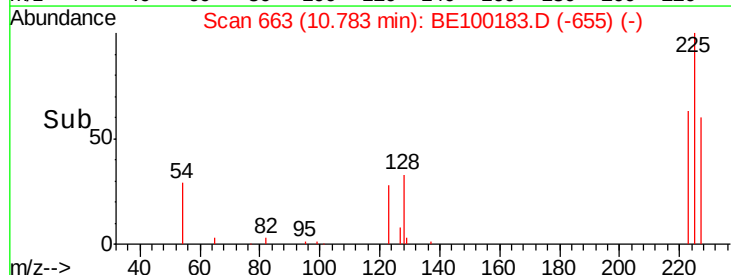
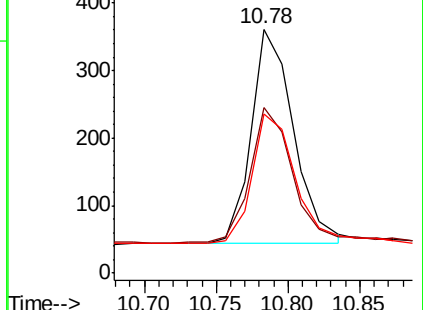
227 61.4 50.9 76.3

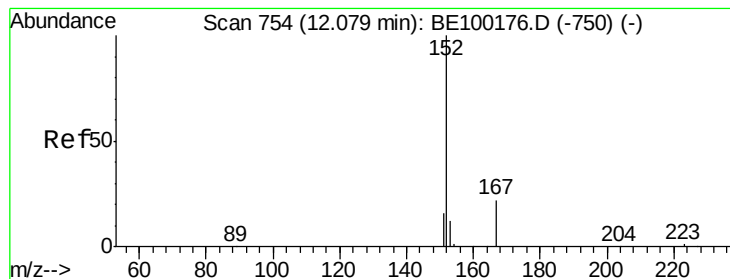


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.390 ng

RT: 12.09 min Scan# 755

Delta R.T. 0.01 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Instrument :

BNA_E

ClientSampleId :

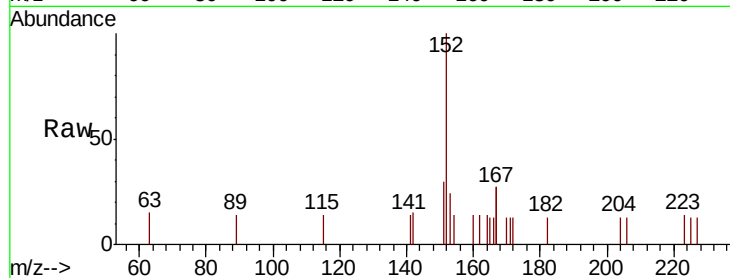
PB120573BS

Tgt Ion:152 Resp: 1014

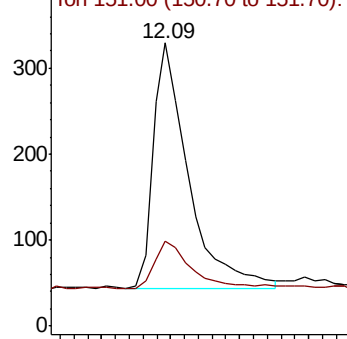
Ion Ratio Lower Upper

152 100

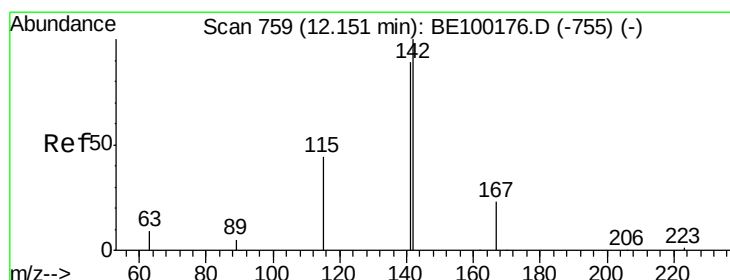
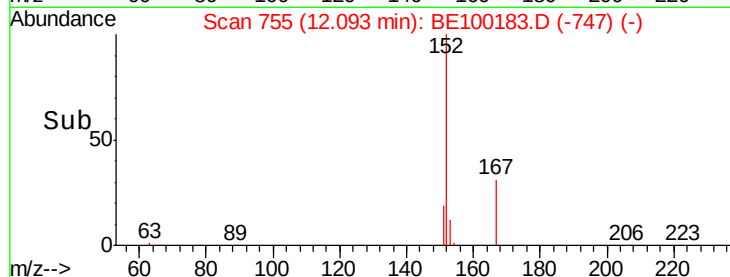
151 20.3 16.3 24.5



Abundance Ion 152.00 (151.70 to 152.70): E



Time--> 12.00 12.10 12.20 12.30



#12

2-Methylnaphthalene

Concen: 0.376 ng

RT: 12.16 min Scan# 760

Delta R.T. 0.01 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

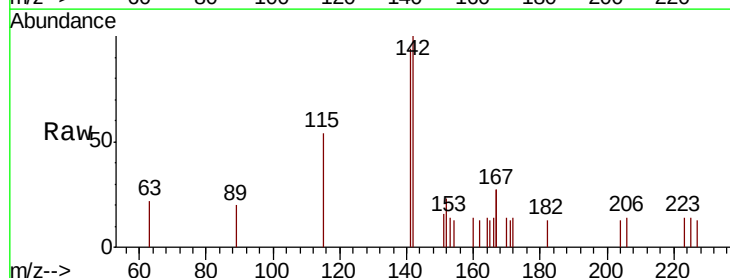
Tgt Ion:142 Resp: 917

Ion Ratio Lower Upper

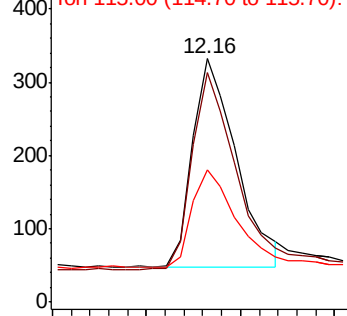
142 100

141 94.3 71.8 107.8

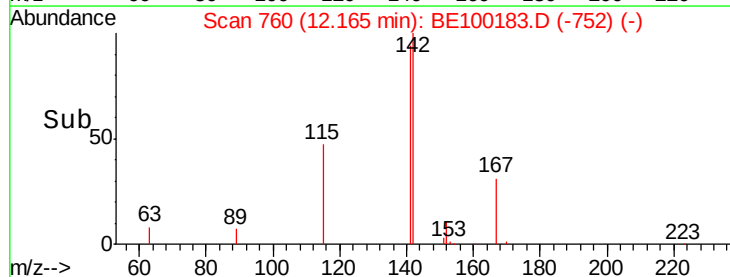
115 54.2 40.4 60.6

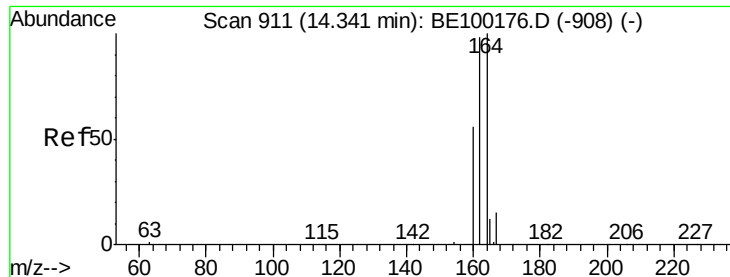


Abundance Ion 142.00 (141.70 to 142.70): E



Time--> 12.00 12.10 12.20





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.35 min Scan# 912

Delta R.T. 0.01 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Instrument :

BNA_E

ClientSampleId :

PB120573BS

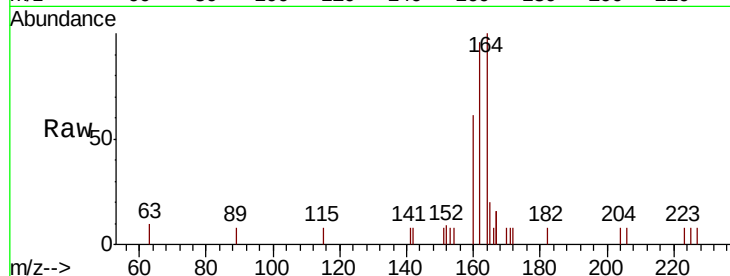
Tgt Ion:164 Resp: 1002

Ion Ratio Lower Upper

164 100

162 96.1 78.6 118.0

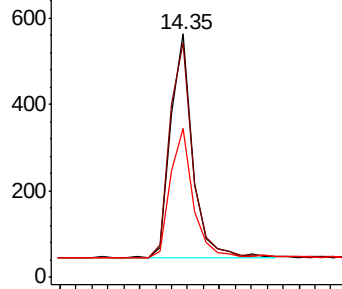
160 61.1 46.9 70.3



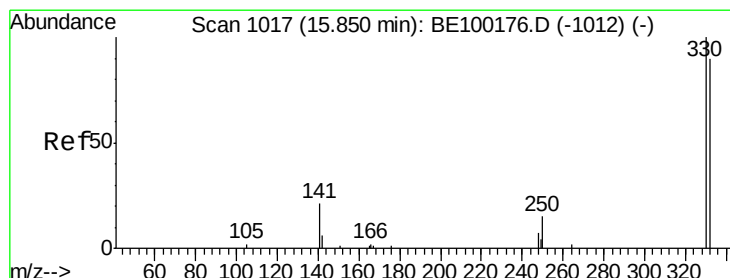
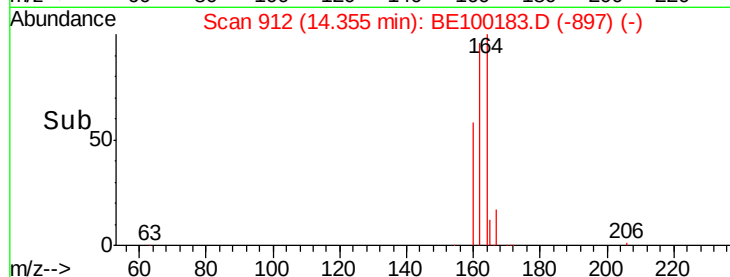
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time--> 14.20 14.30 14.40 14.50



#14

2,4,6-Tribromophenol

Concen: 0.374 ng

RT: 15.86 min Scan# 1018

Delta R.T. 0.01 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

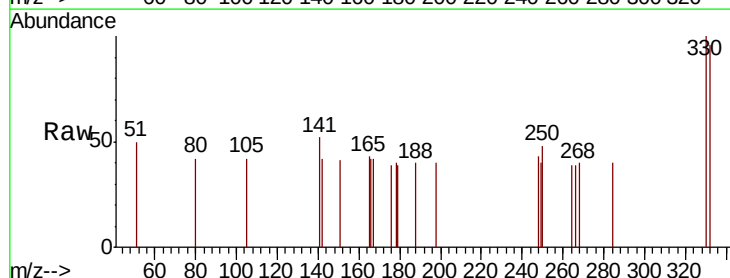
Tgt Ion:330 Resp: 217

Ion Ratio Lower Upper

330 100

332 94.0 77.7 116.5

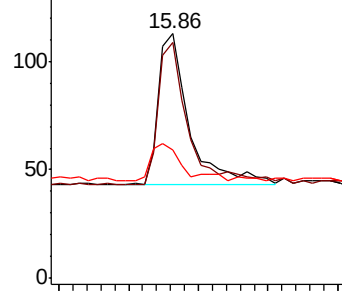
141 24.4 18.9 28.3



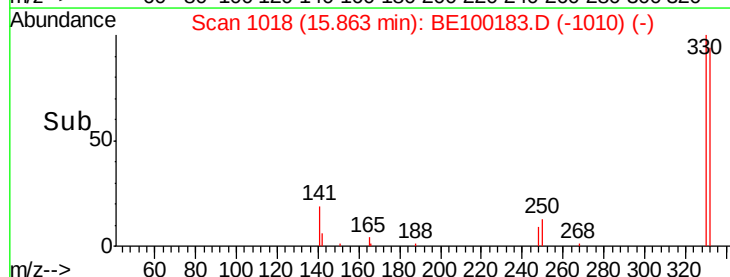
Abundance Ion 330.00 (329.70 to 330.70): E

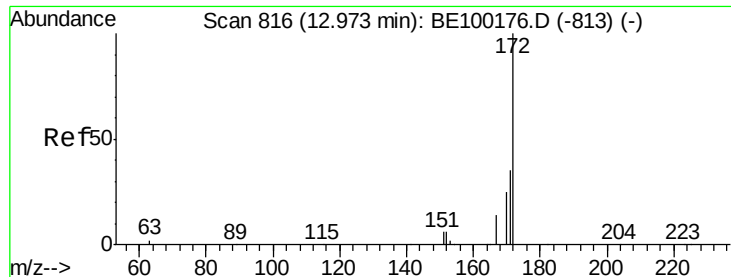
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time--> 15.70 15.80 15.90 16.00

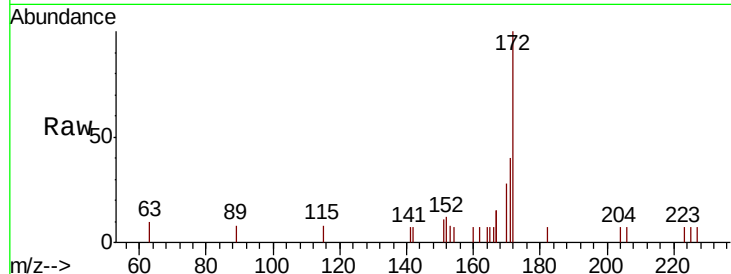




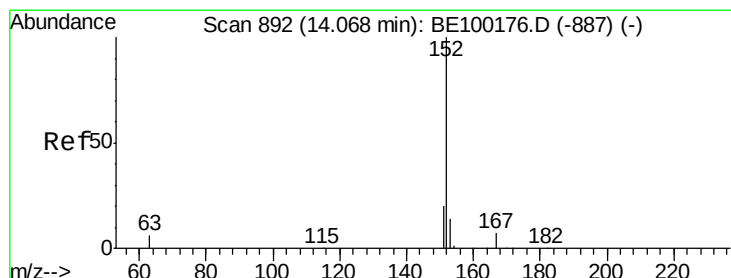
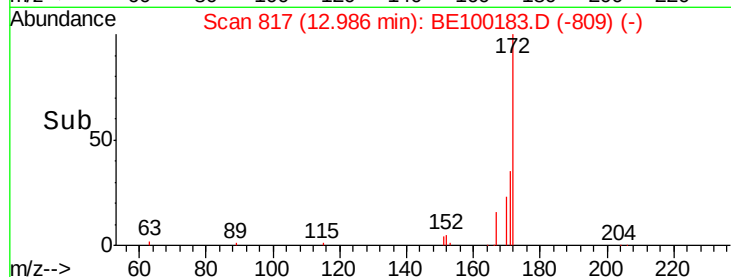
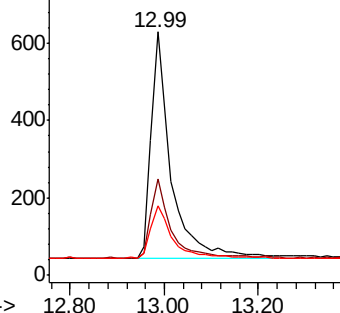
#15
2-Fluorobiphenyl
Concen: 0.430 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.01 min
Lab File: BE100183.D
Acq: 25 Jun 2019 17:00

Instrument :
BNA_E
ClientSampleId :
PB120573BS

Tgt Ion:172 Resp: 1729
Ion Ratio Lower Upper
172 100
171 39.6 31.0 46.4
170 28.5 23.9 35.9

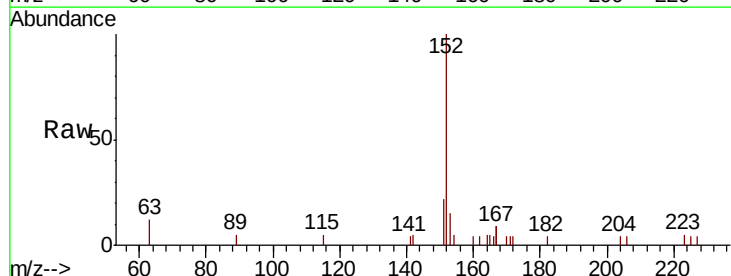


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

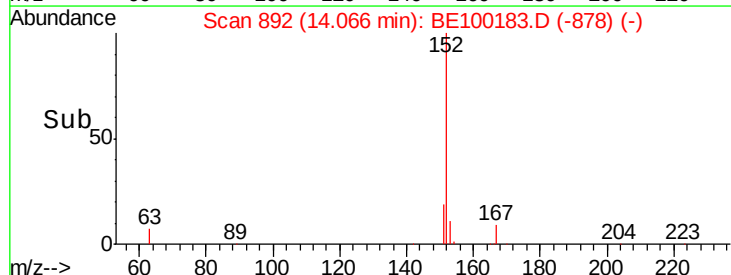
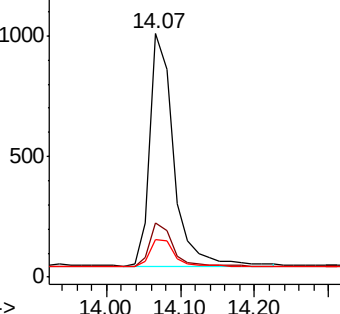


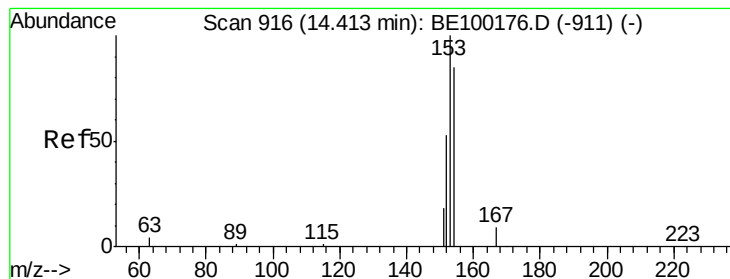
#16
Acenaphthylene
Concen: 0.440 ng
RT: 14.07 min Scan# 892
Delta R.T. -0.00 min
Lab File: BE100183.D
Acq: 25 Jun 2019 17:00

Tgt Ion:152 Resp: 2152
Ion Ratio Lower Upper
152 100
151 18.7 15.4 23.0
153 12.6 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: 0.416 ng

RT: 14.41 min Scan# 916

Delta R.T. -0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Instrument :

BNA_E

ClientSampleId :

PB120573BS

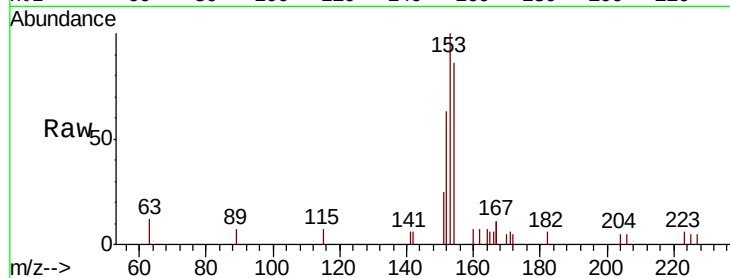
Tgt Ion:154 Resp: 1140

Ion Ratio Lower Upper

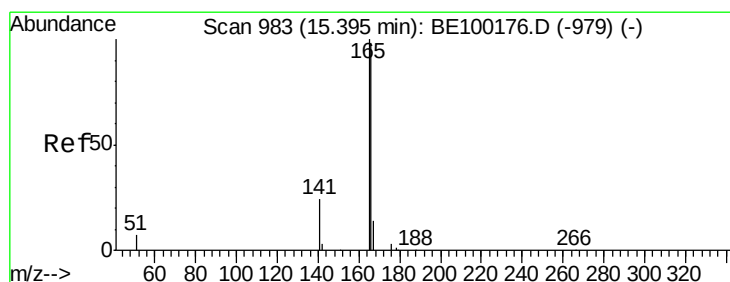
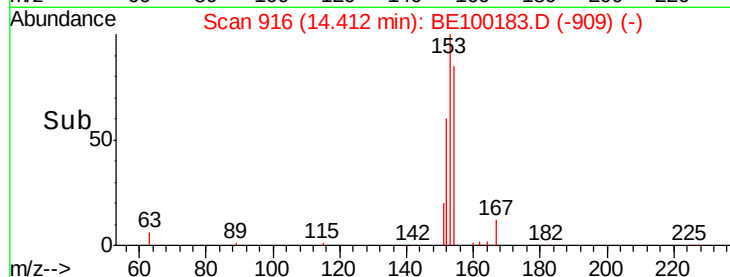
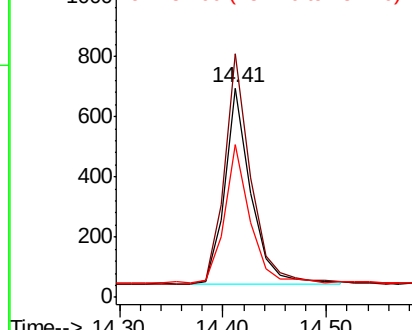
154 100

153 117.8 95.3 142.9

152 68.4 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: 0.425 ng

RT: 15.39 min Scan# 983

Delta R.T. -0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

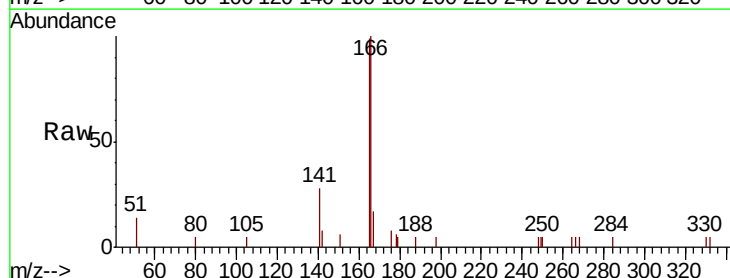
Tgt Ion:166 Resp: 1683

Ion Ratio Lower Upper

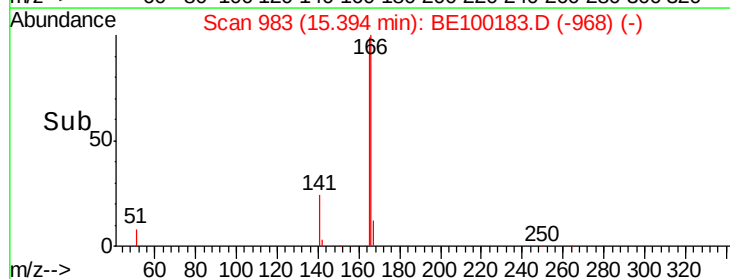
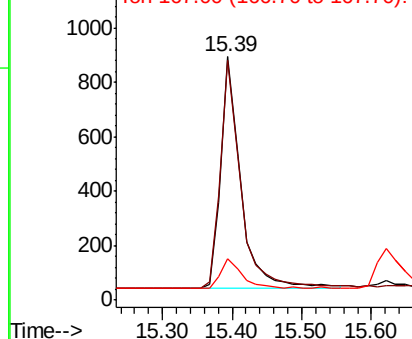
166 100

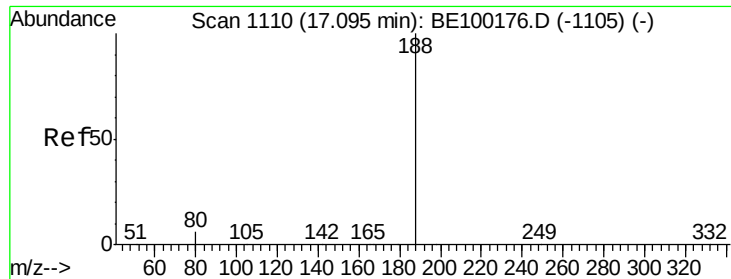
165 101.7 81.0 121.4

167 13.0 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: BE100183.D

Acq: 25 Jun 2019 17:00

Instrument :

BNA_E

ClientSampleId :

PB120573BS

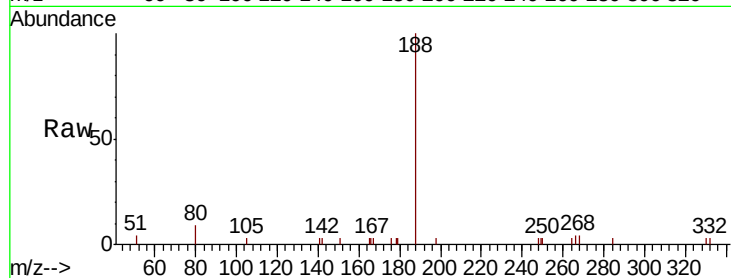
Tgt Ion:188 Resp: 2943

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

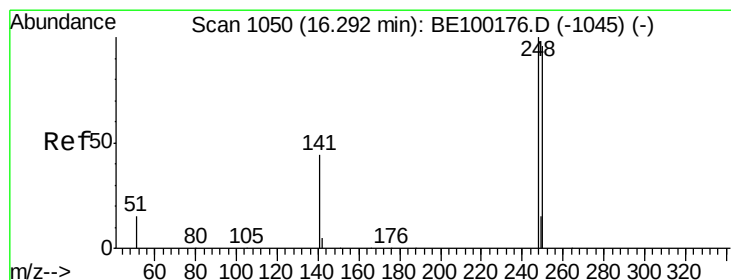
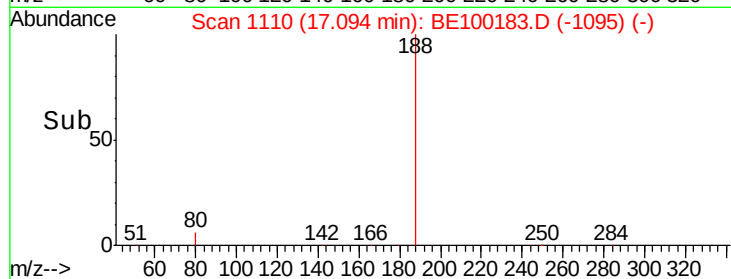
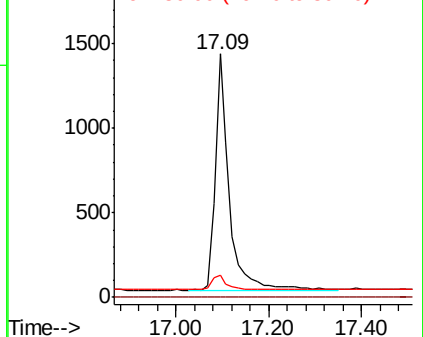
80 9.3 6.4 9.6



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: 0.404 ng

RT: 16.29 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

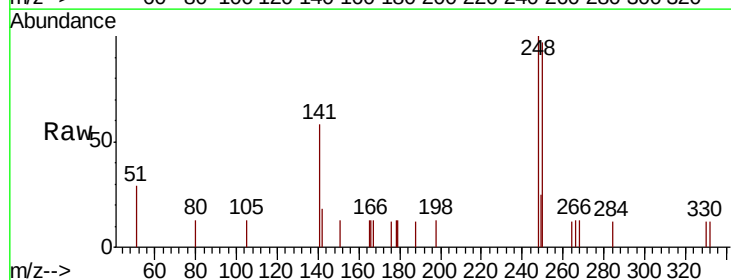
Tgt Ion:248 Resp: 737

Ion Ratio Lower Upper

248 100

250 96.6 77.1 115.7

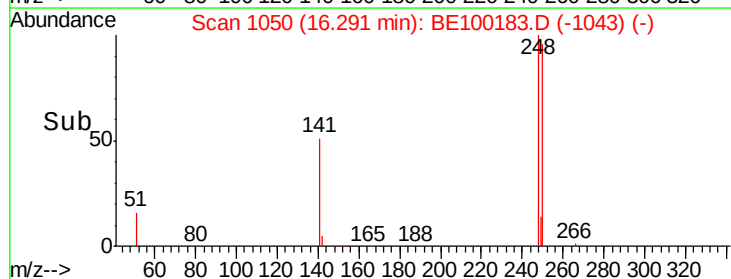
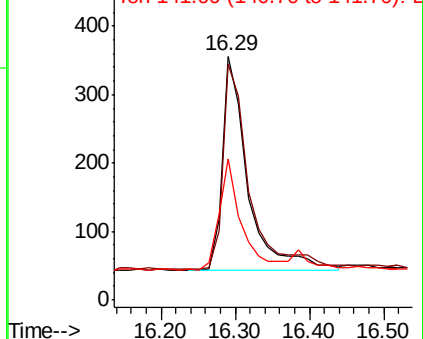
141 57.9 39.5 59.3

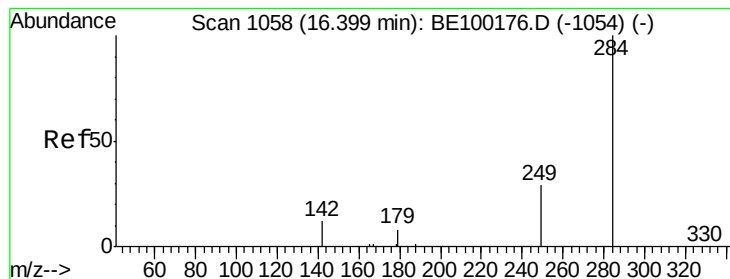


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.423 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Instrument :

BNA_E

ClientSampleId :

PB120573BS

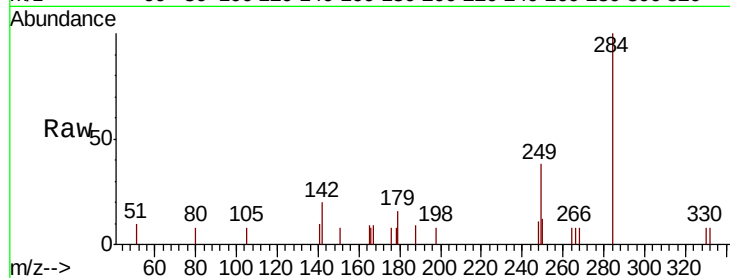
Tgt Ion:284 Resp: 848

Ion Ratio Lower Upper

284 100

142 23.6 20.1 30.1

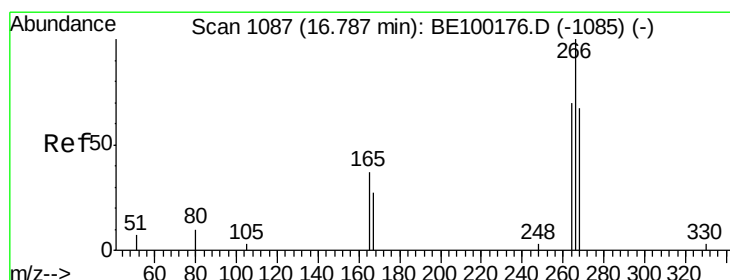
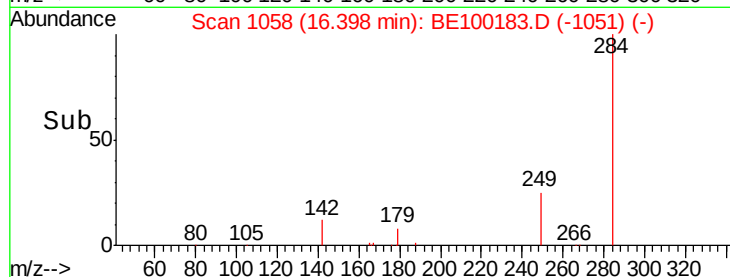
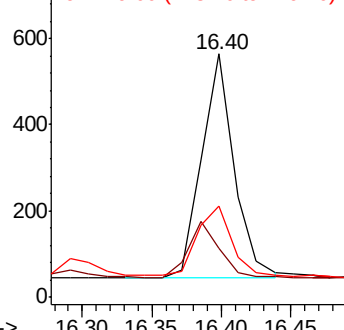
249 32.5 26.2 39.4



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: 2.312 ng

RT: 16.76 min Scan# 1085

Delta R.T. -0.03 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

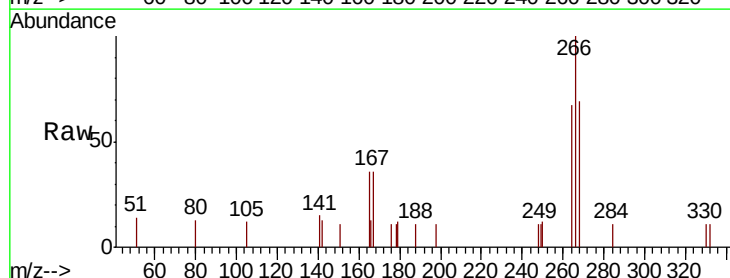
Tgt Ion:266 Resp: 1377

Ion Ratio Lower Upper

266 100

264 66.7 67.7 101.5#

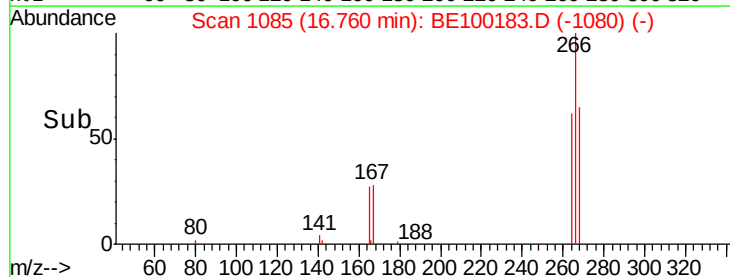
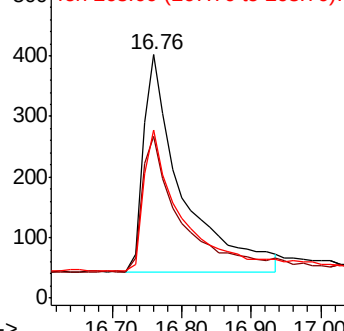
268 68.9 69.8 104.6#

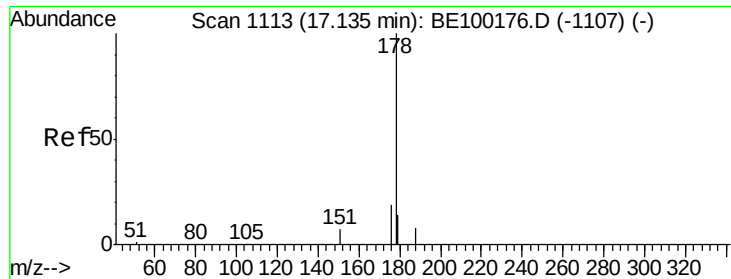


Abundance Ion 266.00 (265.70 to 266.70): E

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: BE100183.D

Acq: 25 Jun 2019 17:00

Instrument :

BNA_E

ClientSampleId :

PB120573BS

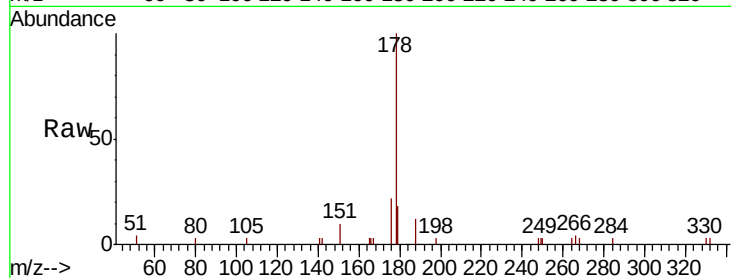
Tgt Ion:178 Resp: 3000

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

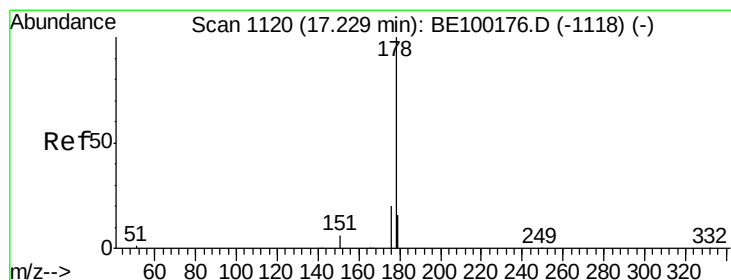
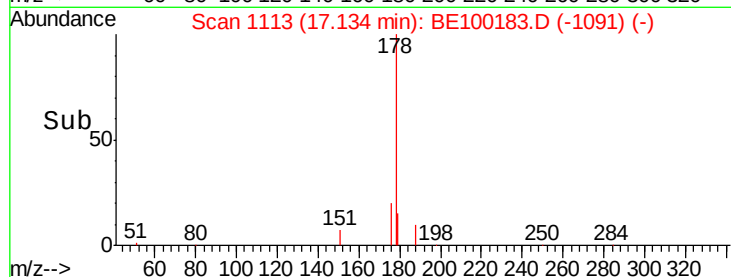
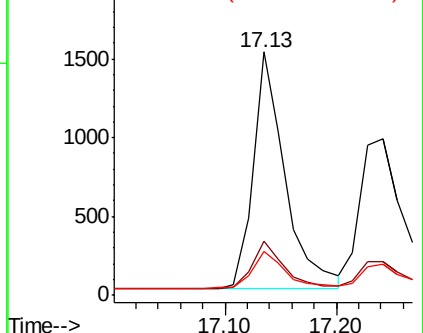
179 16.0 12.2 18.2



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: 0.389 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

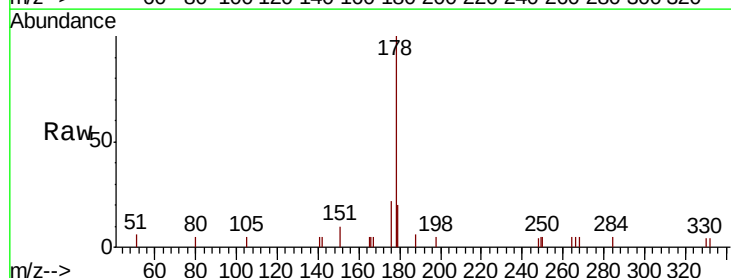
Tgt Ion:178 Resp: 2292

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

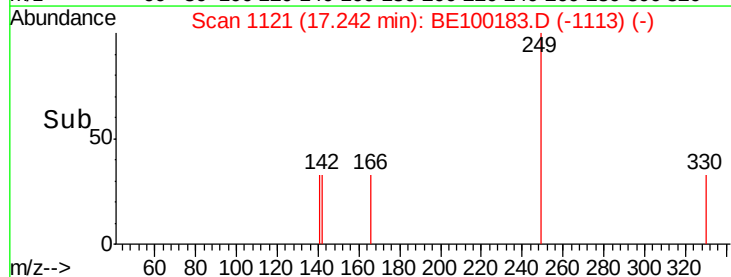
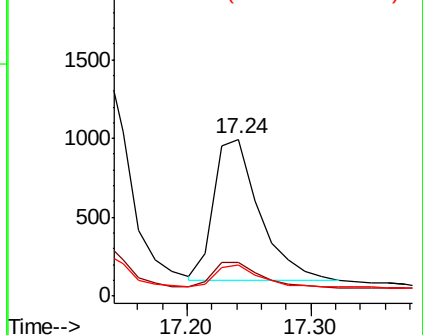
179 15.0 12.9 19.3

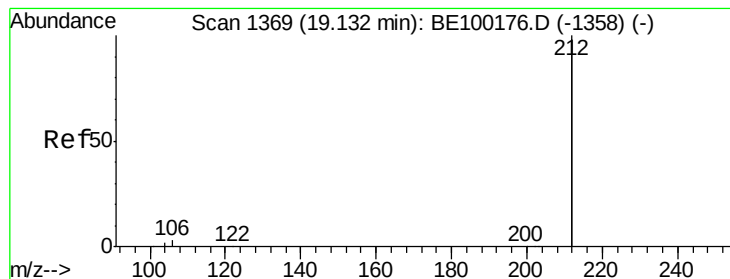


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.389 ng

RT: 19.13 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Instrument :

BNA_E

ClientSampleId :

PB120573BS

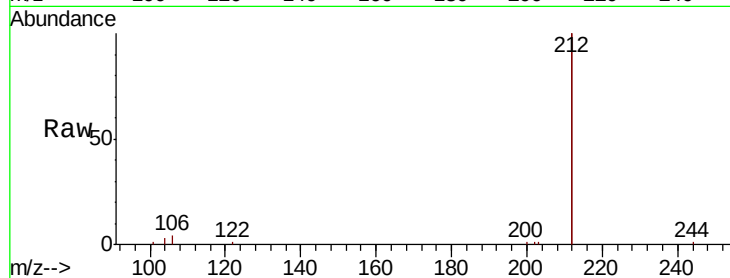
Tgt Ion:212 Resp: 16486

Ion Ratio Lower Upper

212 100

106 1.5 1.3 1.9

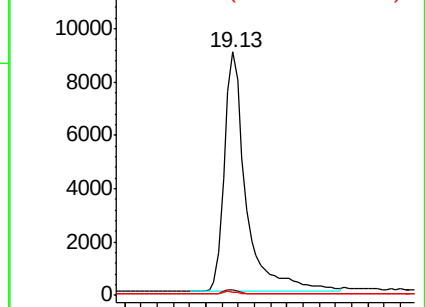
104 1.0 0.7 1.1



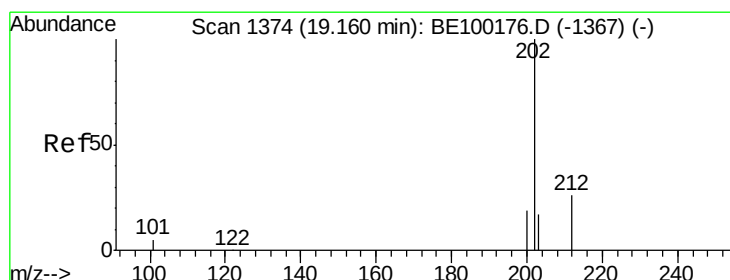
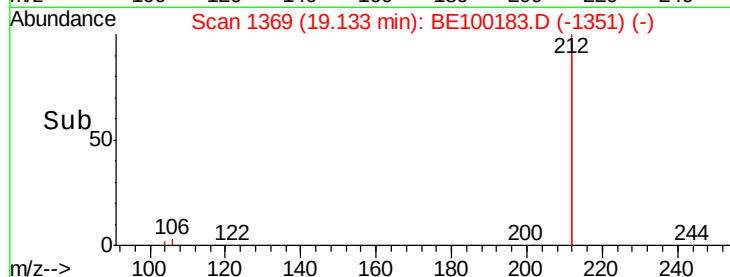
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 19.00 19.10 19.20 19.30



#26

Fluoranthene

Concen: 0.422 ng

RT: 19.16 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

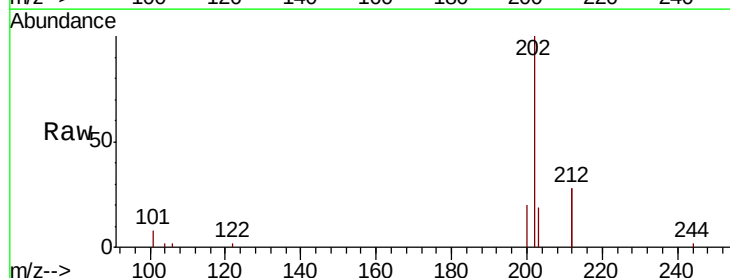
Tgt Ion:202 Resp: 4782

Ion Ratio Lower Upper

202 100

101 5.8 4.5 6.7

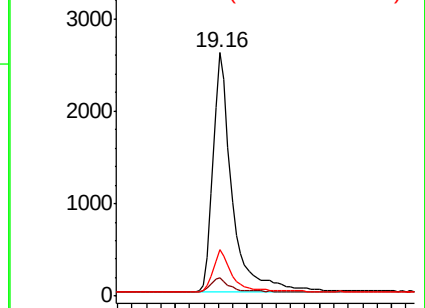
203 16.6 13.7 20.5



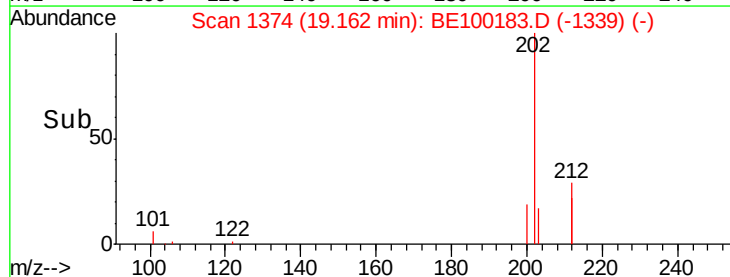
Abundance Ion 202.00 (201.70 to 202.70): E

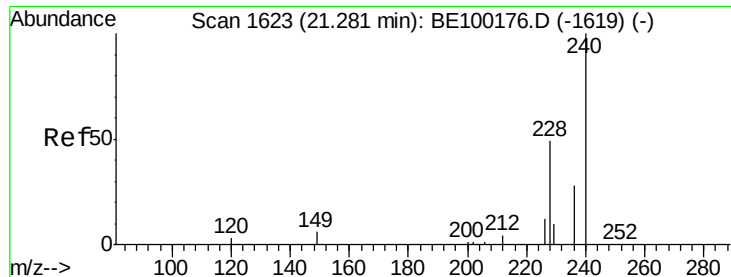
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.10 19.20 19.30





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Instrument :

BNA_E

ClientSampleId :

PB120573BS

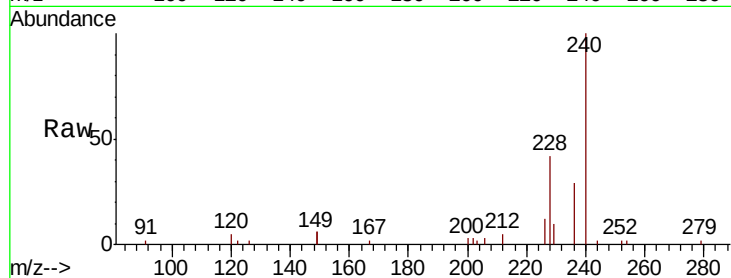
Tgt Ion:240 Resp: 5014

Ion Ratio Lower Upper

240 100

120 5.0 4.1 6.1

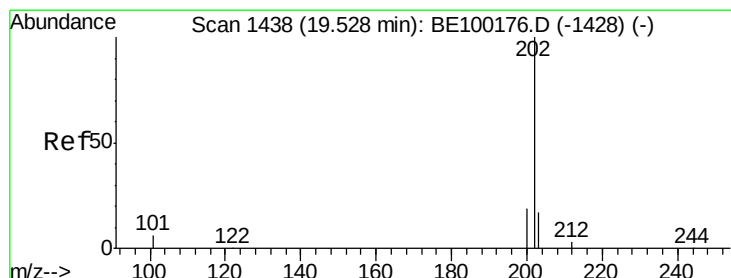
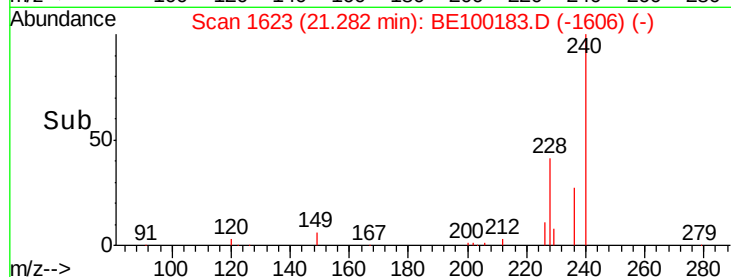
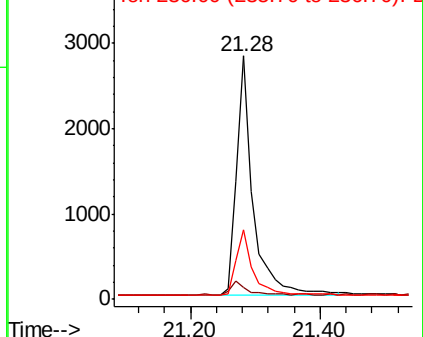
236 28.5 23.0 34.6



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: 0.374 ng

RT: 19.53 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

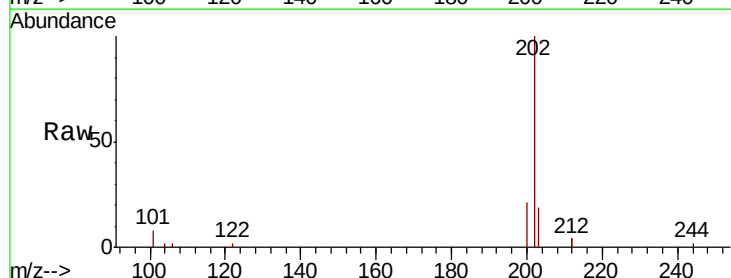
Tgt Ion:202 Resp: 4800

Ion Ratio Lower Upper

202 100

200 19.7 15.5 23.3

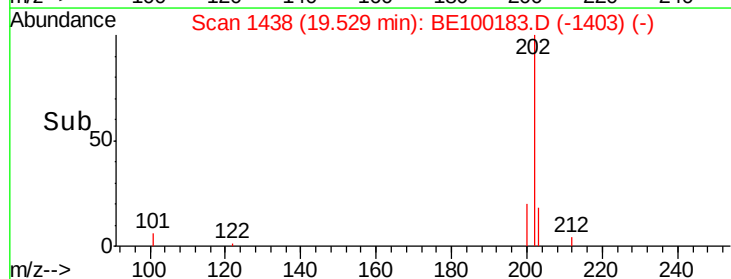
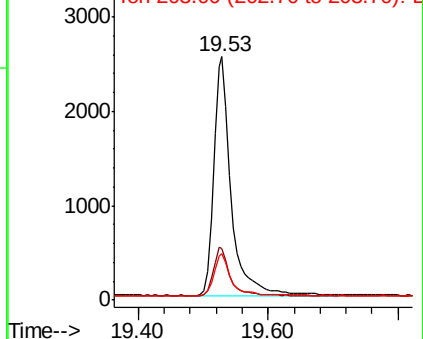
203 17.1 13.9 20.9

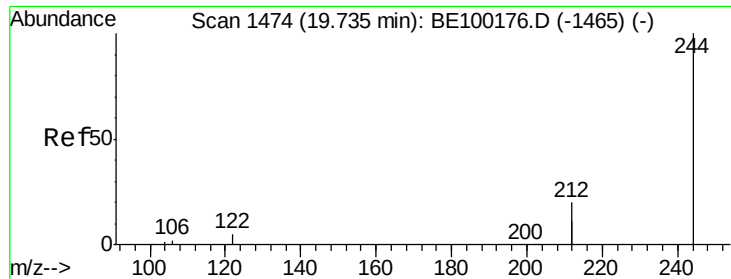


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.333 ng

RT: 19.74 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Instrument :

BNA_E

ClientSampleId :

PB120573BS

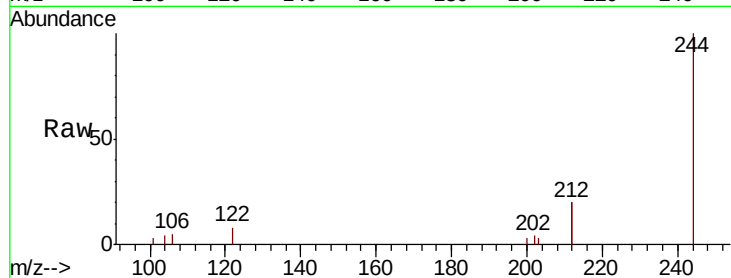
Tgt Ion:244 Resp: 3277

Ion Ratio Lower Upper

244 100

212 40.6 30.7 46.1

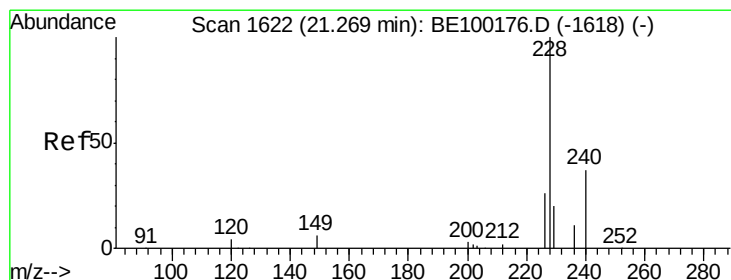
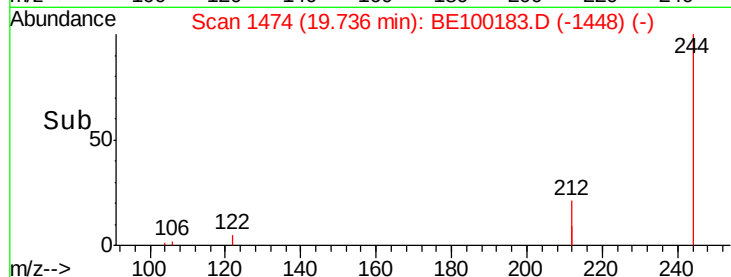
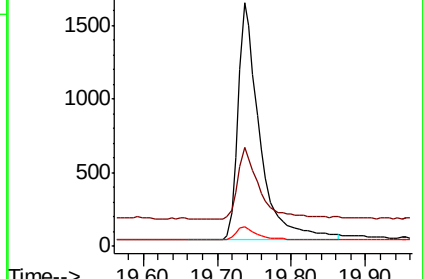
122 7.8 5.8 8.6



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: 0.380 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

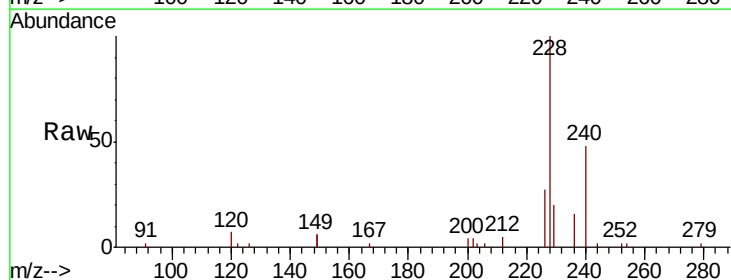
Tgt Ion:228 Resp: 5616

Ion Ratio Lower Upper

228 100

226 27.2 21.5 32.3

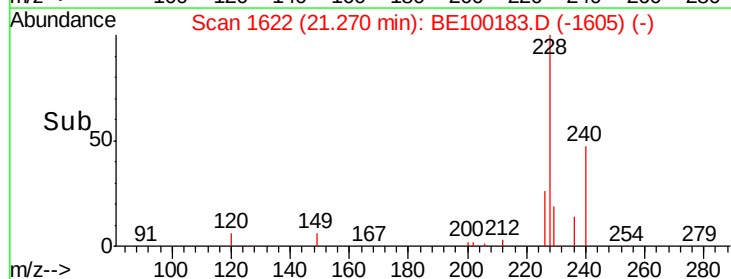
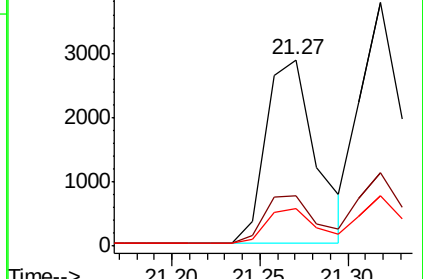
229 20.4 17.2 25.8

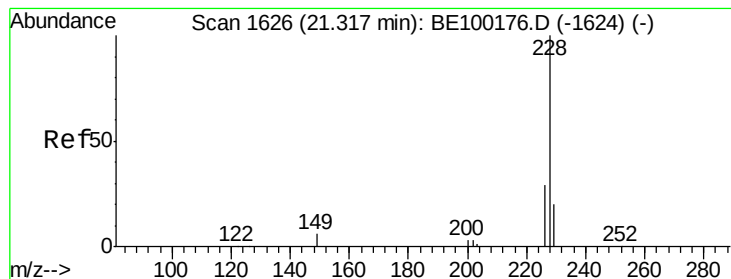


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.382 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Instrument :

BNA_E

ClientSampleId :

PB120573BS

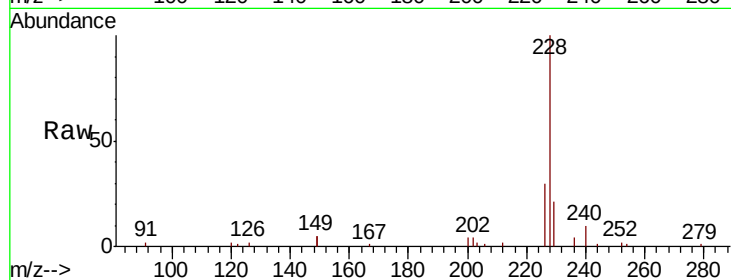
Tgt Ion:228 Resp: 6619

Ion Ratio Lower Upper

228 100

226 30.3 23.7 35.5

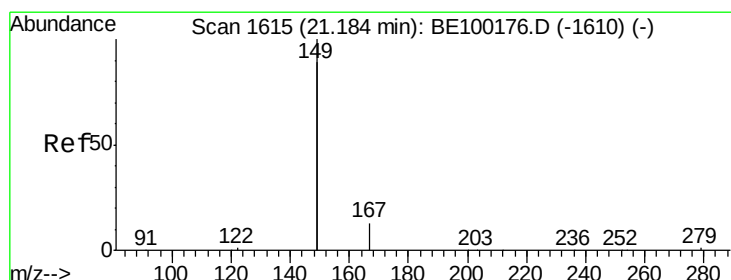
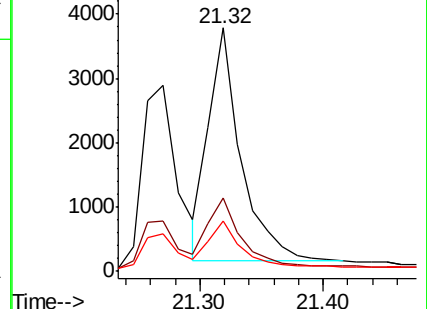
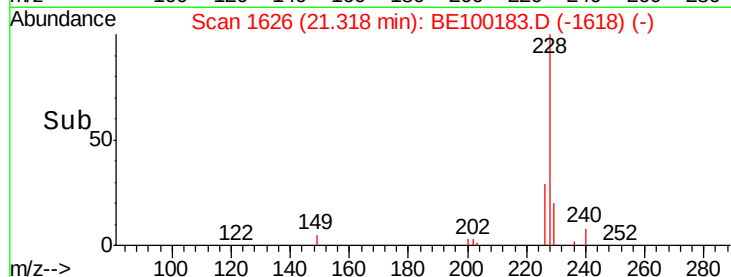
229 20.5 16.5 24.7



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: 0.325 ng

RT: 21.19 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

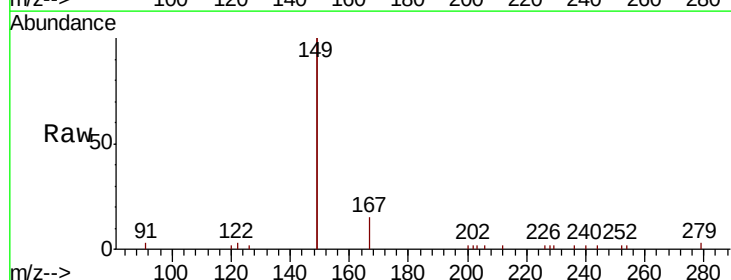
Tgt Ion:149 Resp: 5515

Ion Ratio Lower Upper

149 100

167 7.3 5.9 8.9

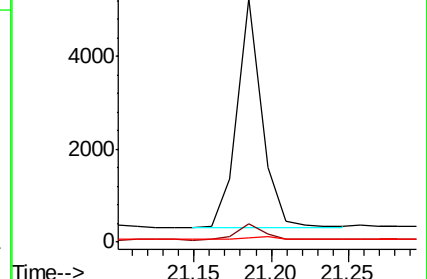
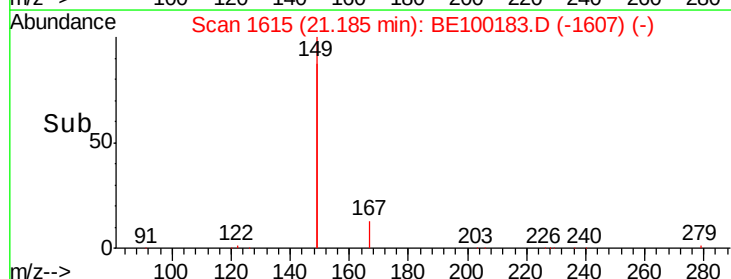
279 1.4 1.0 1.6

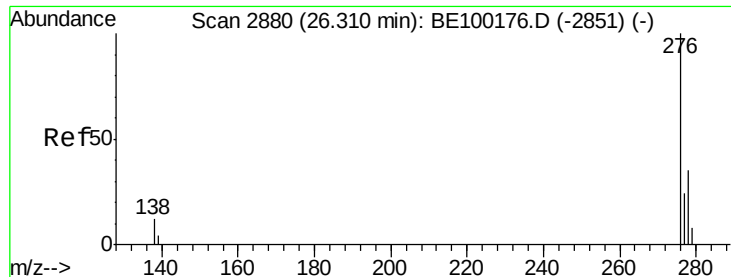


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.443 ng

RT: 26.31 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Instrument :

BNA_E

ClientSampleId :

PB120573BS

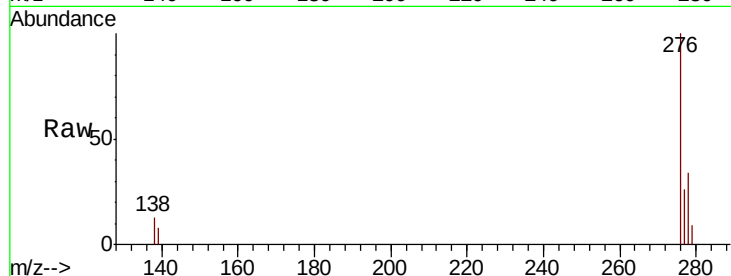
Tgt Ion:276 Resp: 10935

Ion Ratio Lower Upper

276 100

138 12.7 3.7 5.5#

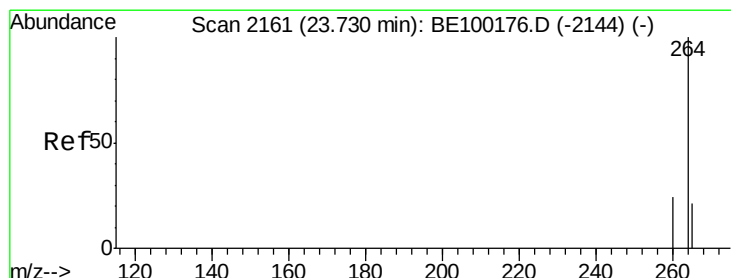
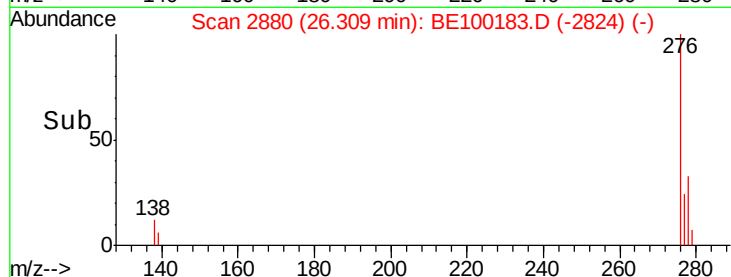
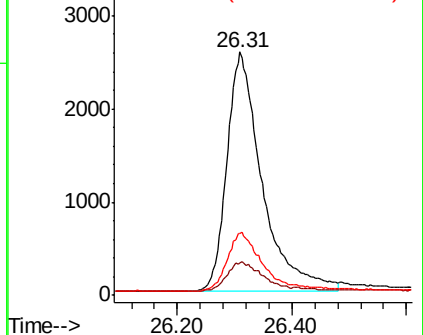
277 25.0 18.7 28.1



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# 2161

Delta R.T. -0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

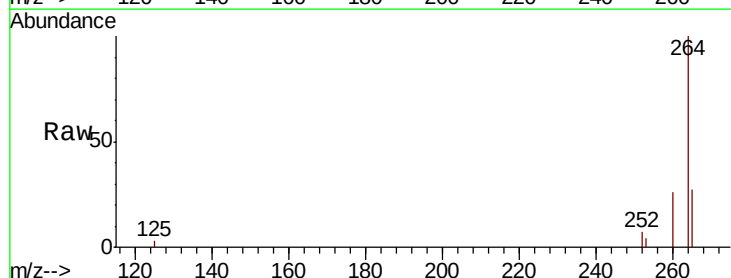
Tgt Ion:264 Resp: 6783

Ion Ratio Lower Upper

264 100

260 25.9 20.4 30.6

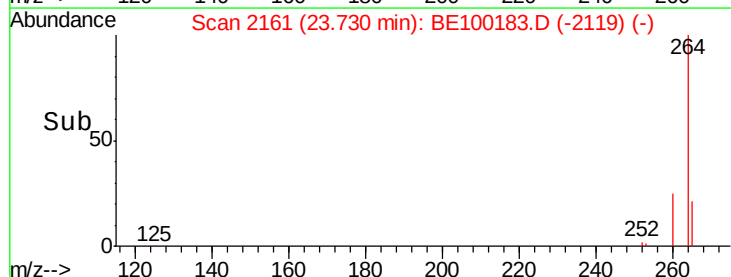
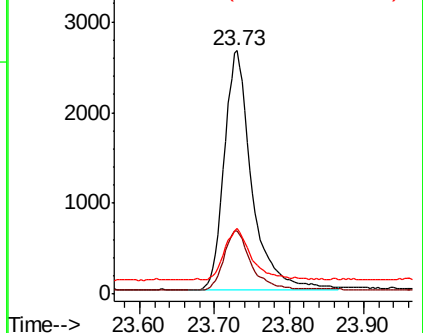
265 27.1 22.5 33.7

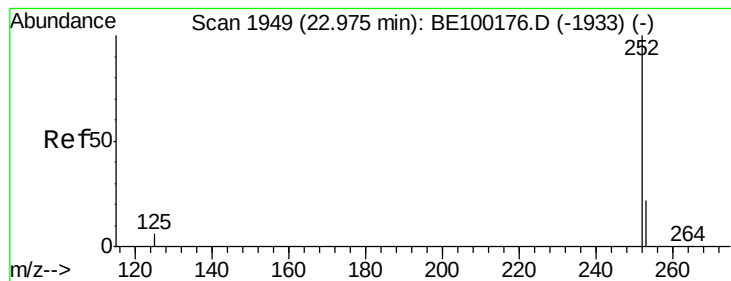


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.471 ng

RT: 23.02 min Scan# 1963

Delta R.T. 0.05 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Instrument :

BNA_E

ClientSampleId :

PB120573BS

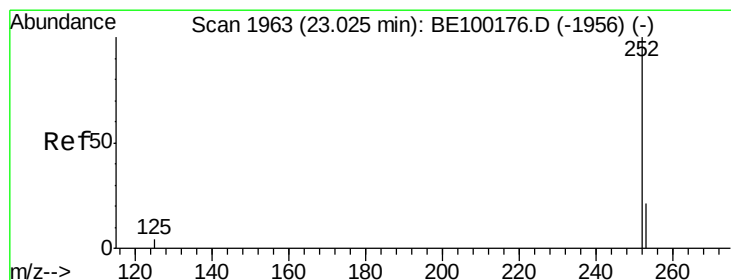
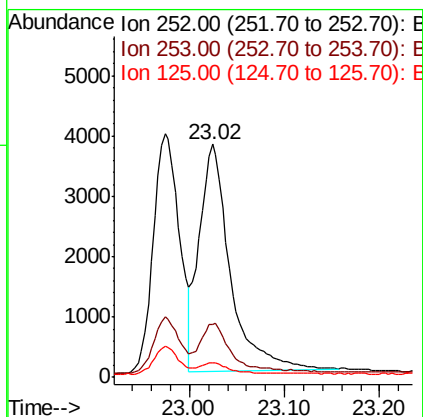
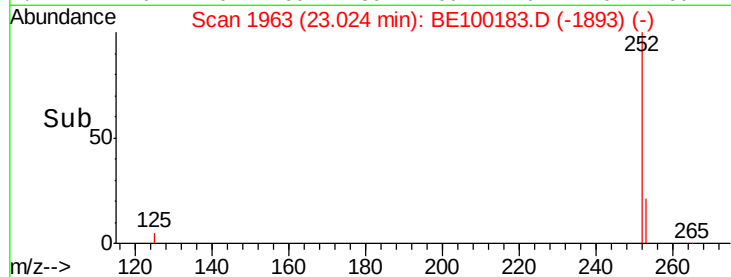
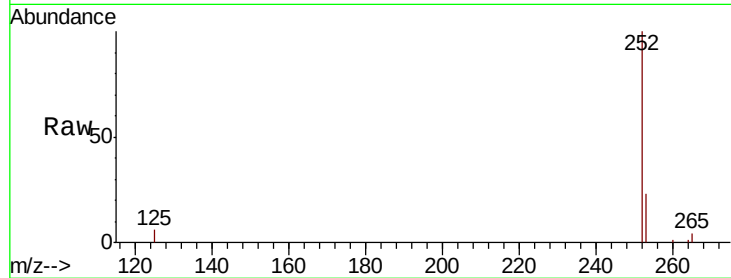
Tgt Ion:252 Resp: 8584

Ion Ratio Lower Upper

252 100

253 22.9 19.0 28.4

125 6.5 6.3 9.5



#36

Benzo(k)fluoranthene

Concen: 0.404 ng

RT: 23.02 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

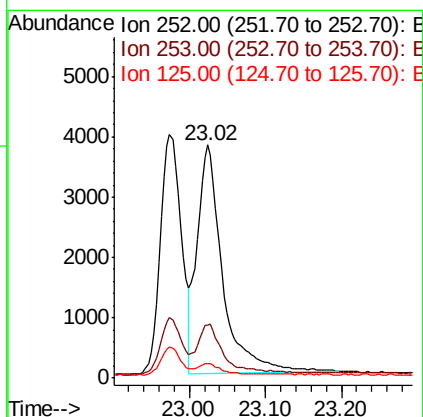
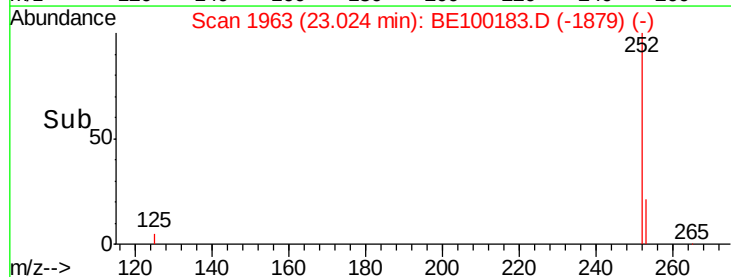
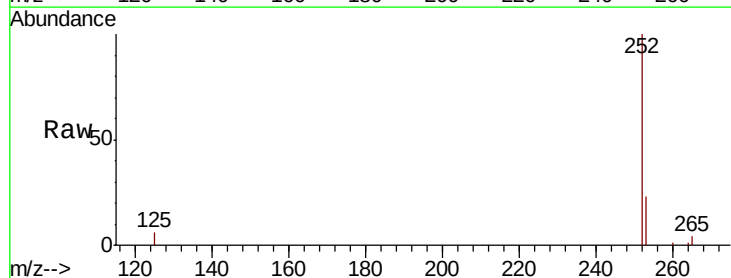
Tgt Ion:252 Resp: 8818

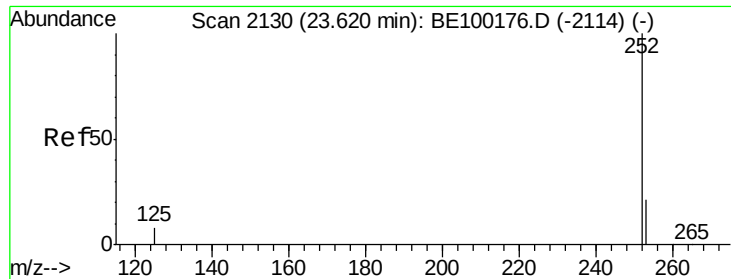
Ion Ratio Lower Upper

252 100

253 22.9 18.4 27.6

125 6.5 5.0 7.4





#37

Benzo(a)pyrene

Concen: 0.417 ng

RT: 23.62 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Instrument :

BNA_E

ClientSampleId :

PB120573BS

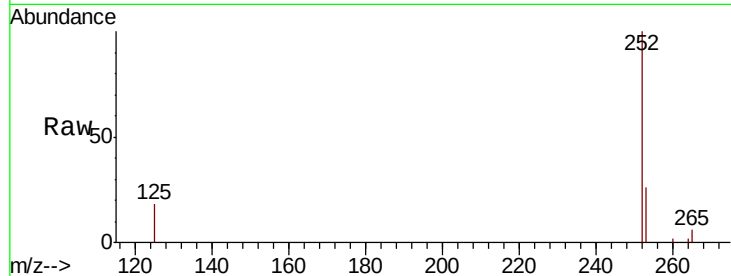
Tgt Ion: 252 Resp: 7879

Ion Ratio Lower Upper

252 100

253 25.9 19.2 28.8

125 18.2 8.2 12.2#

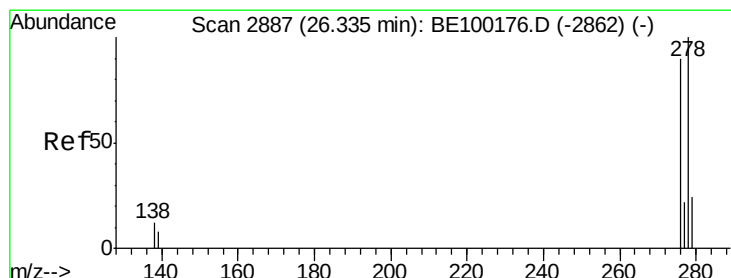
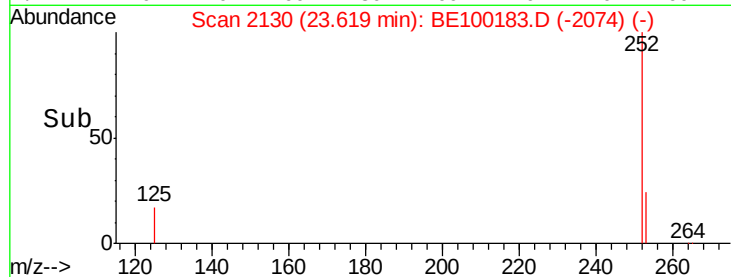
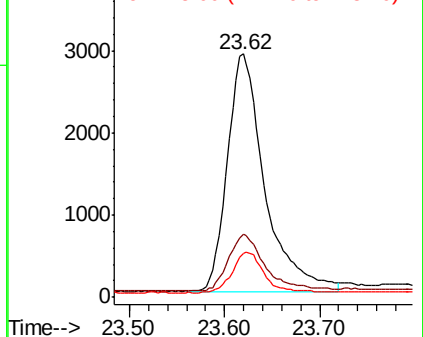


Abundance

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: 0.425 ng

RT: 26.34 min Scan# 2889

Delta R.T. 0.01 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

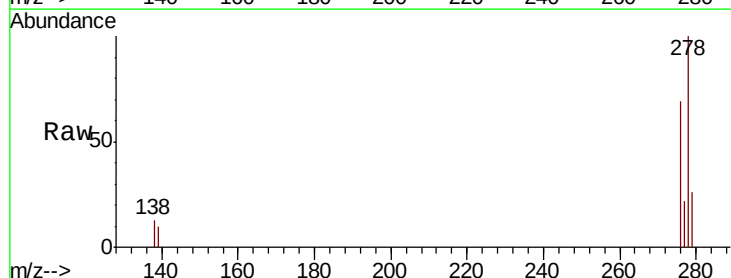
Tgt Ion: 278 Resp: 8593

Ion Ratio Lower Upper

278 100

139 9.6 9.0 13.4

279 25.5 21.1 31.7

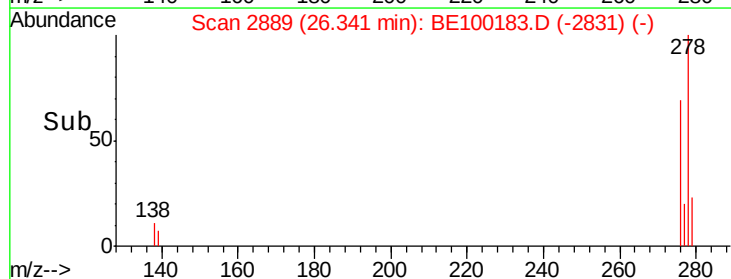
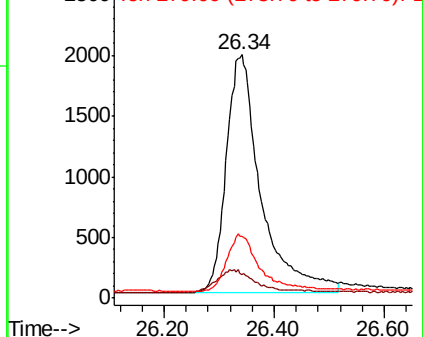


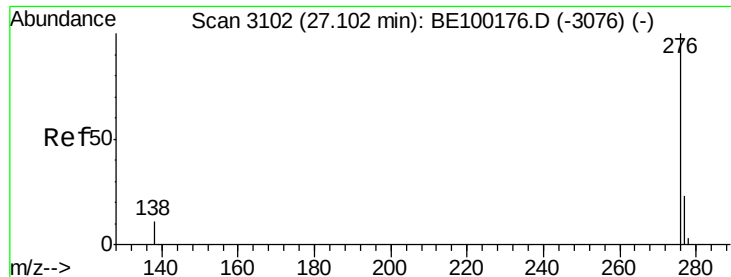
Abundance

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: 0.423 ng

RT: 27.10 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BE100183.D

Acq: 25 Jun 2019 17:00

Instrument :

BNA_E

ClientSampleId :

PB120573BS

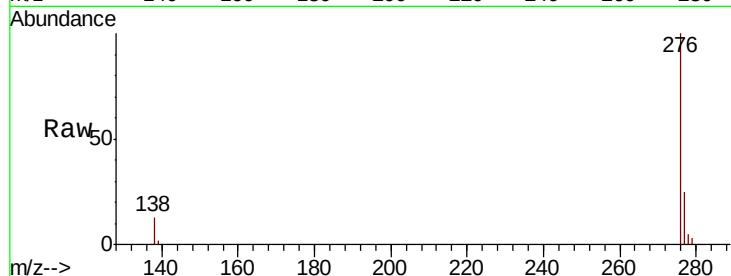
Tgt Ion: 276 Resp: 8921

Ion Ratio Lower Upper

276 100

277 24.8 19.8 29.6

138 12.8 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

