

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062519\
 Data File : BE100174.D
 Acq On : 25 Jun 2019 10:02
 Operator : JU/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 25 14:02:49 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 13:57:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	410	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	1465	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	1114	0.40	ng	0.01
19) Phenanthrene-d10	17.09	188	3333	0.40	ng	0.00
27) Chrysene-d12	21.28	240	4564	0.40	ng	0.00
34) Perylene-d12	23.73	264	6508	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	151	0.16	ng	0.00
5) Phenol-d6	6.91	99	220	0.19	ng	0.04
8) Nitrobenzene-d5	8.87	82	230	0.17	ng	0.03
11) 2-Methylnaphthalene-d10	12.09	152	529	0.19	ng	0.01
14) 2,4,6-Tribromophenol	15.86	330	97	0.13	ng	0.01
15) 2-Fluorobiphenyl	12.99	172	875	0.20	ng	0.01
25) Fluoranthene-d10	19.14	212	8899	0.19	ng	0.00
29) Terphenyl-d14	19.74	244	1773	0.18	ng	0.00

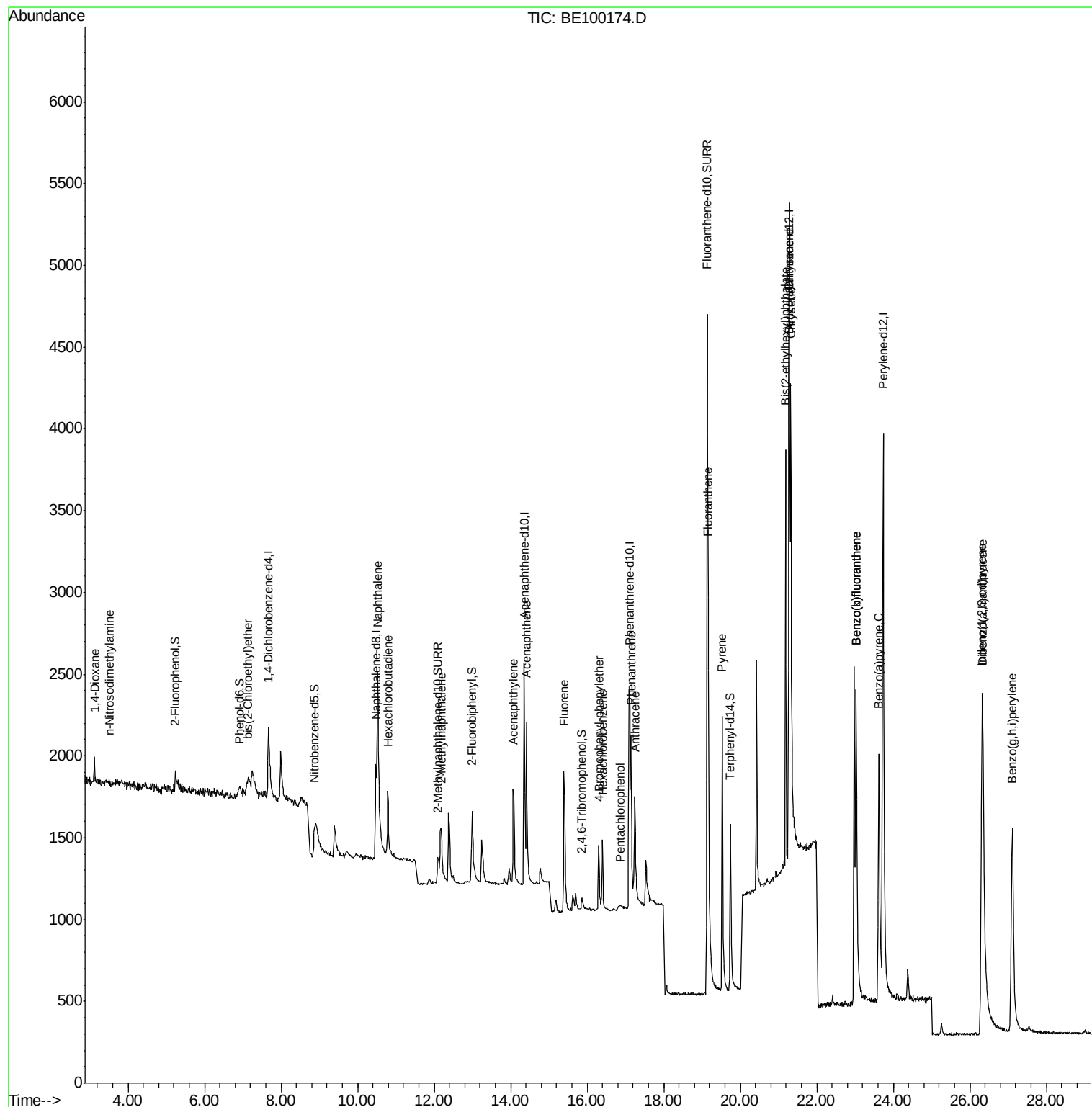
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	153	0.263	ng	97
3) n-Nitrosodimethylamine	3.51	42	18	0.075	ng	# 1
6) bis(2-Chloroethyl)ether	7.13	93	171	0.155	ng	# 49
9) Naphthalene	10.52	128	3149	0.199	ng	# 93
10) Hexachlorobutadiene	10.78	225	319	0.211	ng	94
12) 2-Methylnaphthalene	12.18	142	455	0.174	ng	89
16) Acenaphthylene	14.07	152	1042	0.196	ng	96
17) Acenaphthene	14.41	154	561	0.186	ng	96
18) Fluorene	15.39	166	821	0.186	ng	98
20) 4-Bromophenyl-phenylether	16.31	248	395	0.190	ng	88
21) Hexachlorobenzene	16.40	284	436	0.199	ng	97
22) Pentachlorophenol	16.85	266	52	0.081	ng	92
23) Phenanthrene	17.15	178	1429	0.183	ng	98
24) Anthracene	17.24	178	1064	0.153	ng	99
26) Fluoranthene	19.17	202	2360	0.188	ng	97
28) Pyrene	19.53	202	2333	0.182	ng	99
30) Benzo(a)anthracene	21.27	228	2308	0.167	ng	97
31) Chrysene	21.32	228	3144	0.205	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	2970	0.130	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.31	276	4833	0.275	ng	# 94
35) Benzo(b)fluoranthene	23.03	252	3748	0.225	ng	96
36) Benzo(k)fluoranthene	23.03	252	3836	0.190	ng	# 93
37) Benzo(a)pyrene	23.62	252	3399	0.197	ng	# 80
38) Dibenzo(a,h)anthracene	26.35	278	3723	0.214	ng	95
39) Benzo(g,h,i)perylene	27.11	276	3965	0.218	ng	96

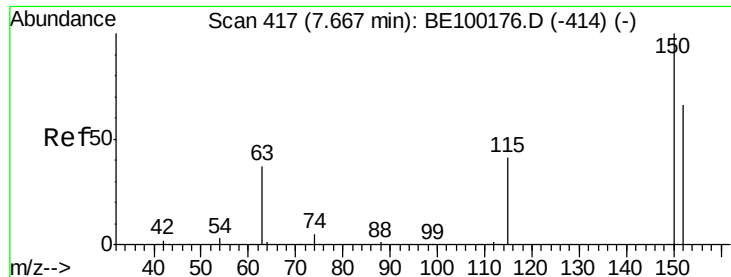
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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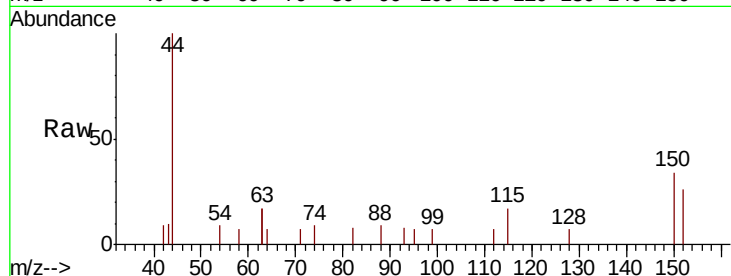


#1

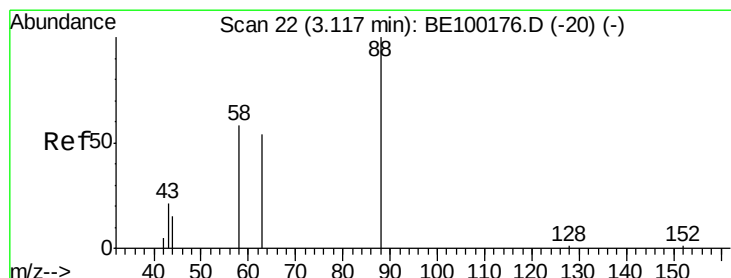
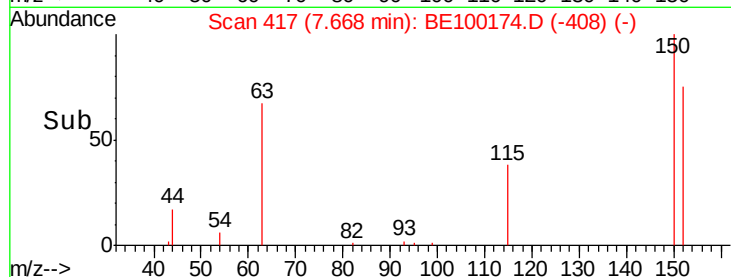
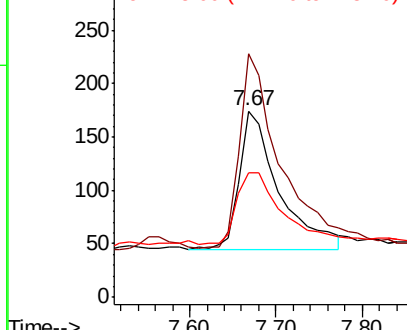
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.67 min Scan# 417
Delta R.T. 0.00 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 410
Ion Ratio Lower Upper
152 100
150 131.0 113.4 170.2
115 66.7 55.8 83.6



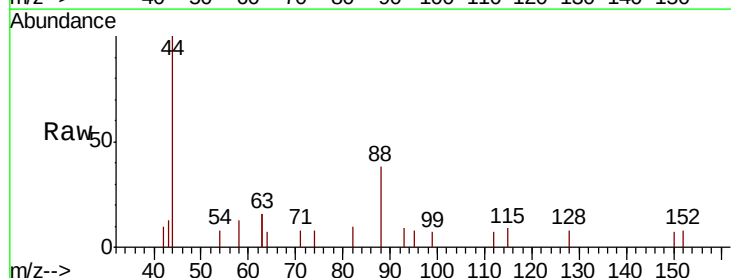
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



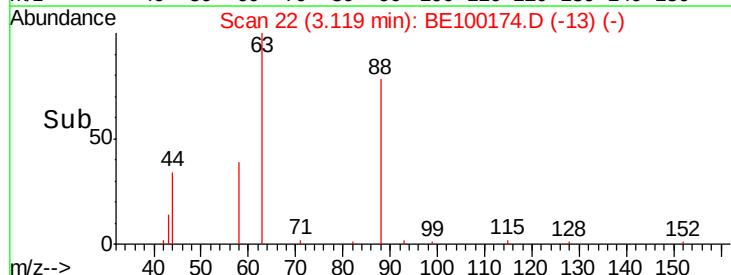
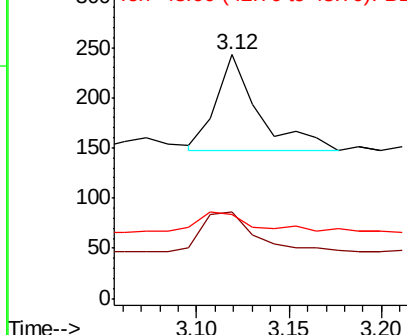
#2

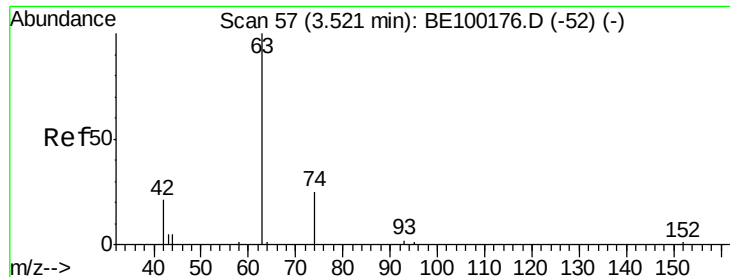
1,4-Dioxane
Concen: 0.263 ng
RT: 3.12 min Scan# 22
Delta R.T. 0.00 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Tgt Ion: 88 Resp: 153
Ion Ratio Lower Upper
88 100
58 52.9 43.8 65.6
43 26.8 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: 0.075 ng

RT: 3.51 min Scan# 56

Delta R.T. -0.01 min

Lab File: BE100174.D

Acq: 25 Jun 2019 10:02

Instrument :

BNA_E

ClientSampleId :

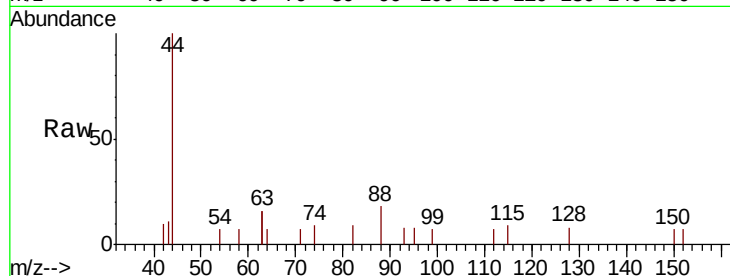
Tot Ion: 42 Resp: 18

Ion Ratio Lower Upper

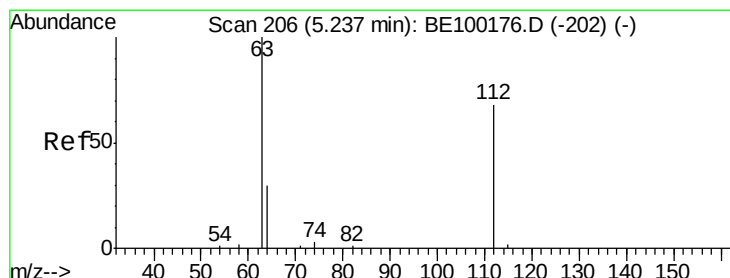
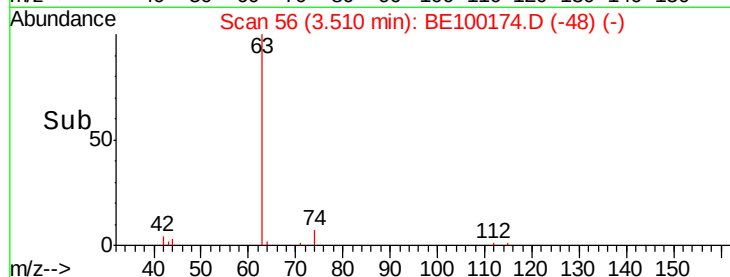
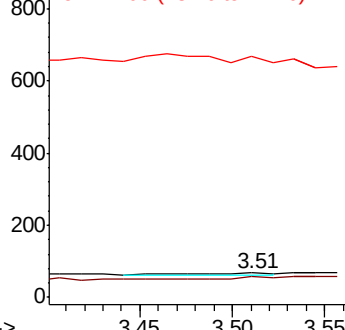
42 100

74 0.0 193.2 289.8#

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: 0.157 ng

RT: 5.24 min Scan# 206

Delta R.T. 0.00 min

Lab File: BE100174.D

Acq: 25 Jun 2019 10:02

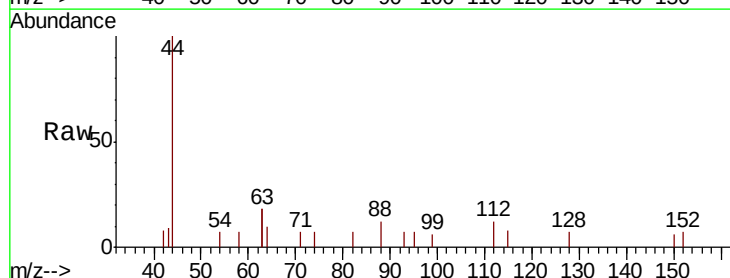
Tgt Ion: 112 Resp: 151

Ion Ratio Lower Upper

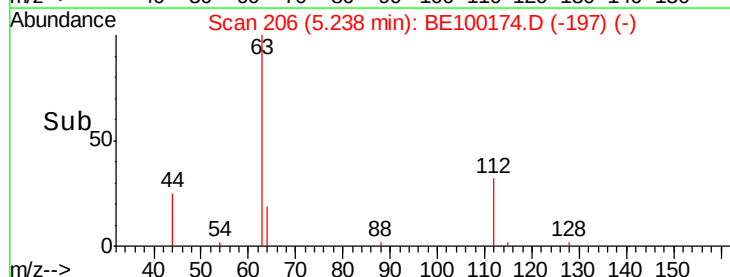
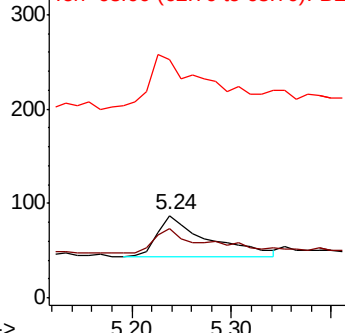
112 100

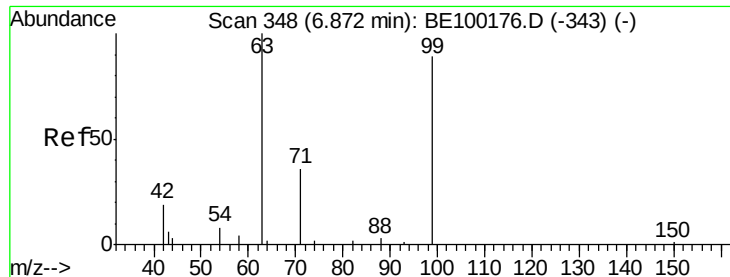
64 37.7 40.7 61.1#

63 158.3 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: 0.186 ng

RT: 6.91 min Scan# 351

Delta R.T. 0.04 min

Lab File: BE100174.D

Acq: 25 Jun 2019 10:02

Instrument :

BNA_E

ClientSampled :

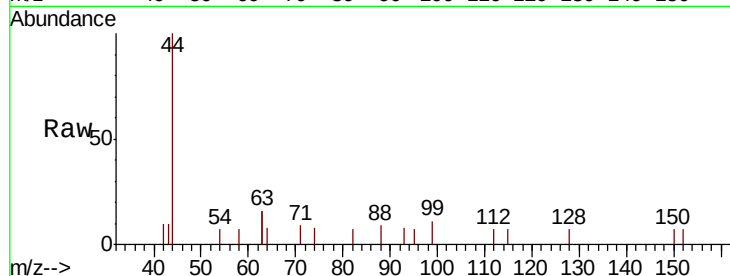
Tot Ion: 99 Resp: 220

Ion Ratio Lower Upper

99 100

42 18.6 10.4 15.6#

71 0.0 32.4 48.6#



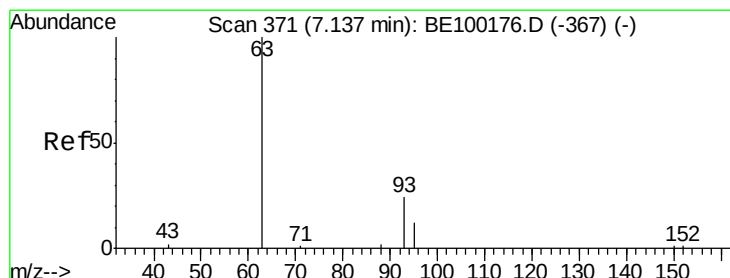
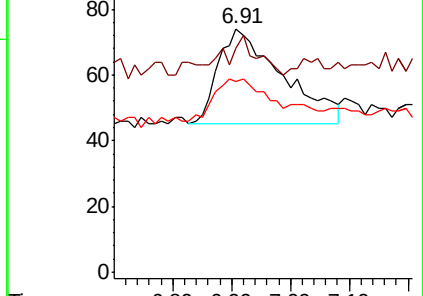
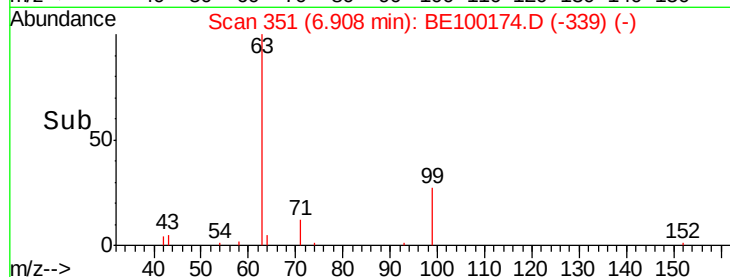
Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1

6.91

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.155 ng

RT: 7.13 min Scan# 370

Delta R.T. -0.01 min

Lab File: BE100174.D

Acq: 25 Jun 2019 10:02

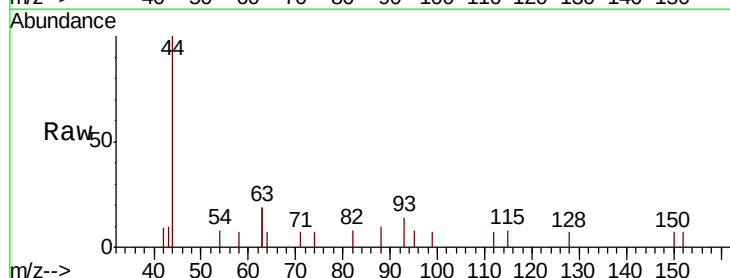
Tgt Ion: 93 Resp: 171

Ion Ratio Lower Upper

93 100

63 194.7 0.0 0.0#

95 0.0 21.0 31.6#



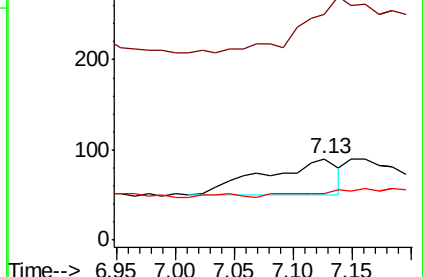
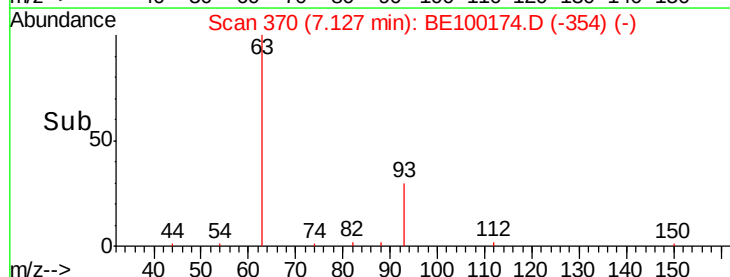
Abundance Ion 93.00 (92.70 to 93.70): BE1

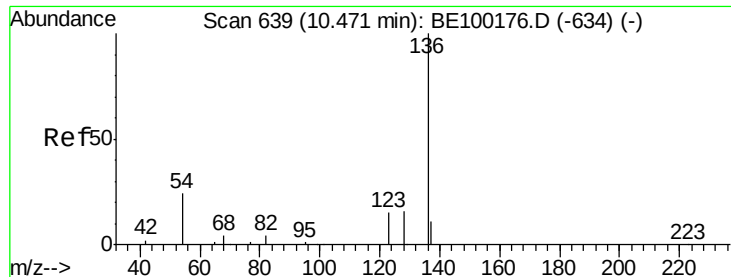
Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1

7.13

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 639

Delta R.T. 0.00 min

Lab File: BE100174.D

Acq: 25 Jun 2019 10:02

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 1465

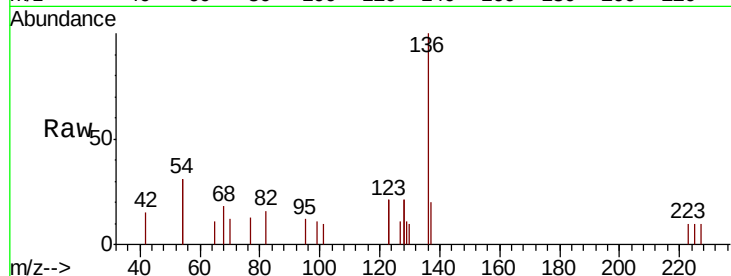
Ion Ratio Lower Upper

136 100

137 20.1 13.8 20.8

54 62.1 35.4 53.2#

68 17.6 8.8 13.2#

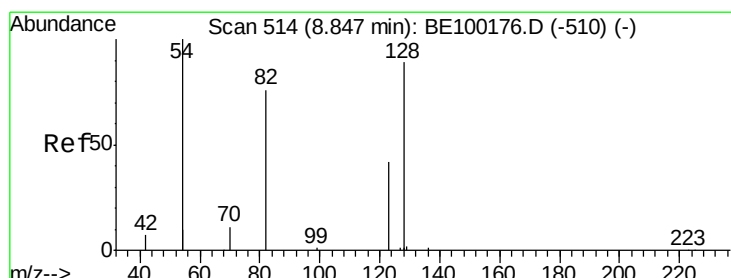
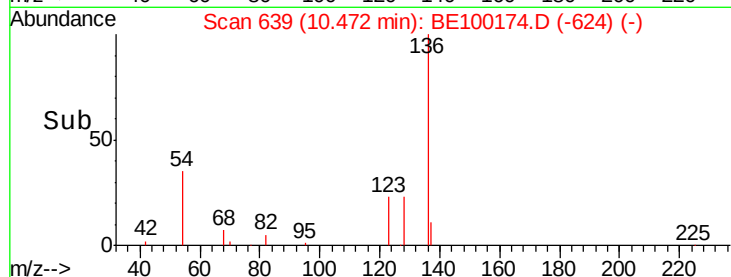
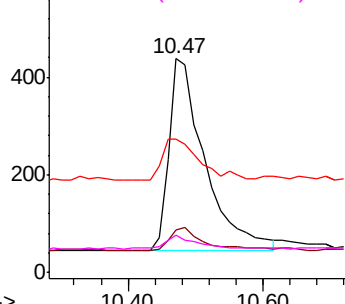


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.166 ng

RT: 8.87 min Scan# 516

Delta R.T. 0.03 min

Lab File: BE100174.D

Acq: 25 Jun 2019 10:02

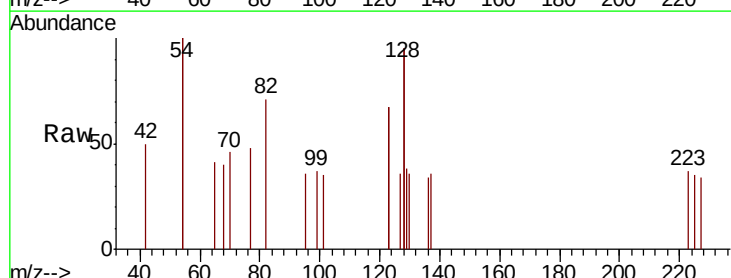
Tgt Ion: 82 Resp: 230

Ion Ratio Lower Upper

82 100

128 267.4 144.6 217.0#

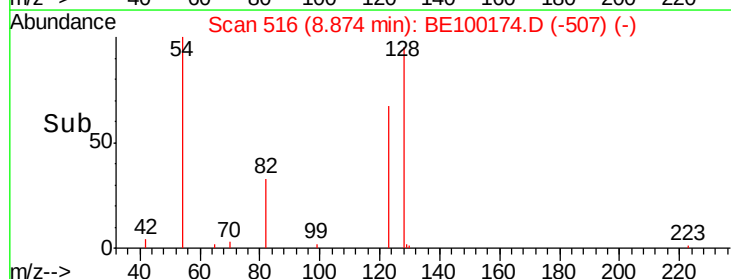
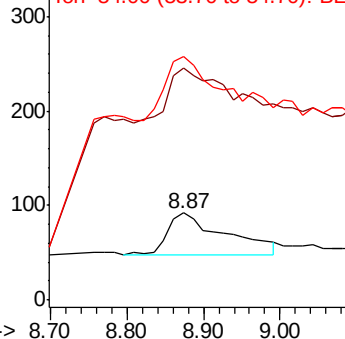
54 280.4 163.0 244.6#

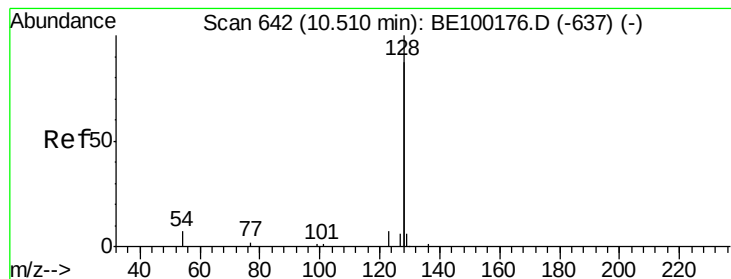


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.199 ng

RT: 10.52 min Scan# 643

Delta R.T. 0.01 min

Lab File: BE100174.D

Acq: 25 Jun 2019 10:02

Instrument :

BNA_E

ClientSampled :

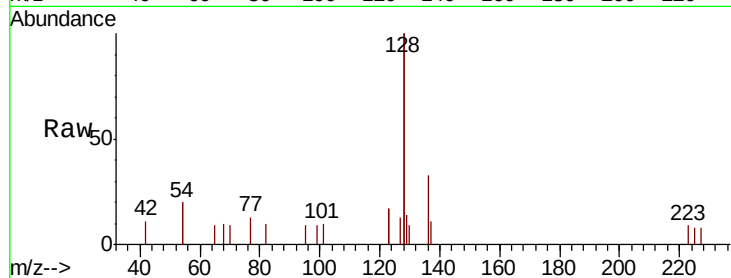
Tot Ion:128 Resp: 3149

Ion Ratio Lower Upper

128 100

129 7.0 3.6 5.4#

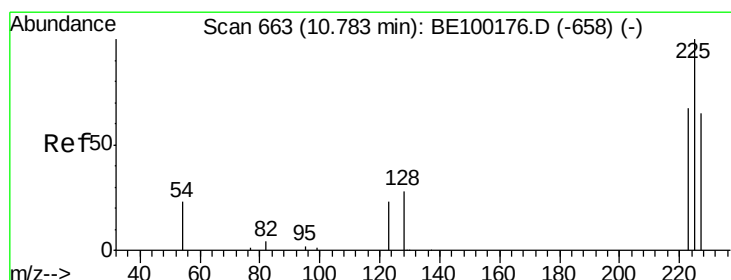
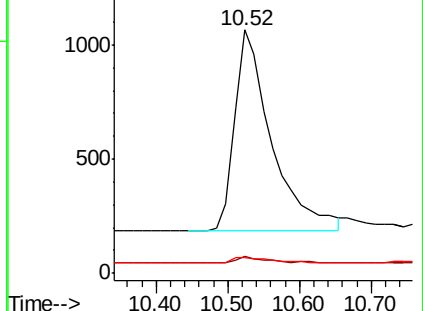
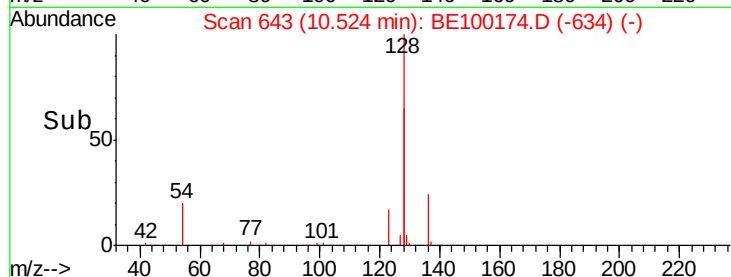
127 6.7 3.8 5.8#



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: 0.211 ng

RT: 10.78 min Scan# 663

Delta R.T. 0.00 min

Lab File: BE100174.D

Acq: 25 Jun 2019 10:02

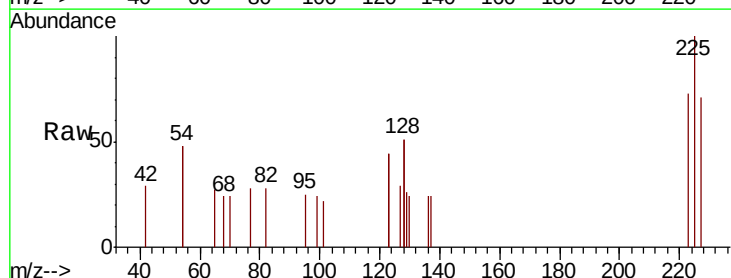
Tgt Ion:225 Resp: 319

Ion Ratio Lower Upper

225 100

223 68.0 50.1 75.1

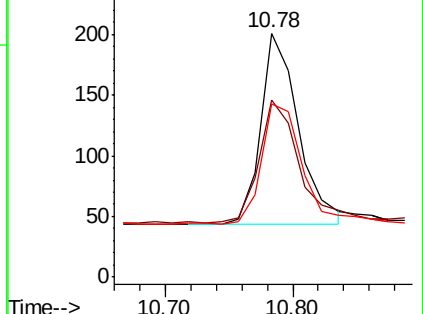
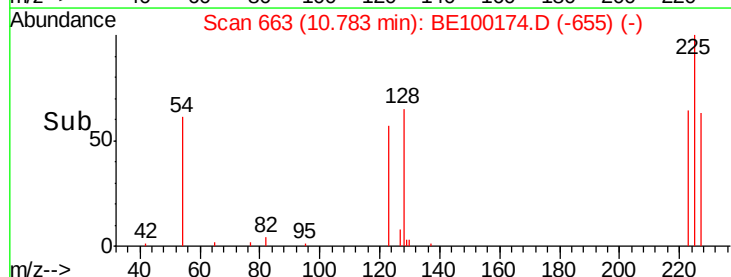
227 67.7 50.9 76.3

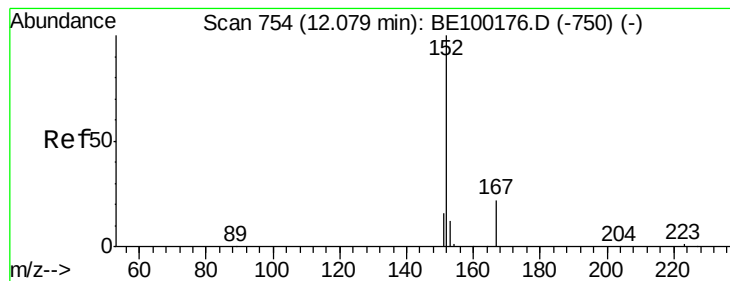


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.193 ng

RT: 12.09 min Scan# 755

Delta R.T. 0.01 min

Lab File: BE100174.D

Acq: 25 Jun 2019 10:02

Instrument :

BNA_E

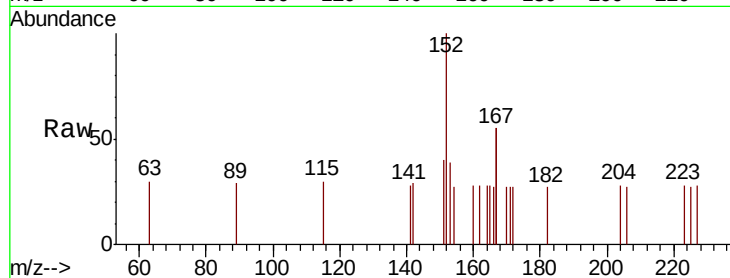
ClientSampled :

Tot Ion:152 Resp: 529

Ion Ratio Lower Upper

152 100

151 22.5 16.3 24.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.09

150

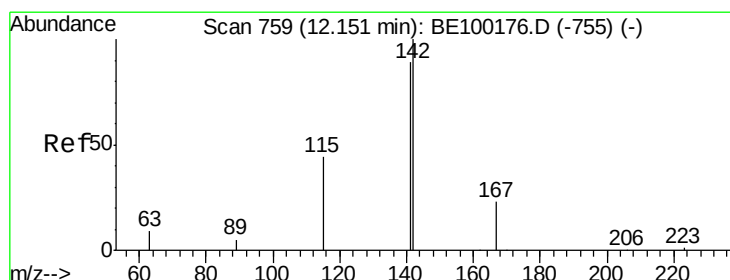
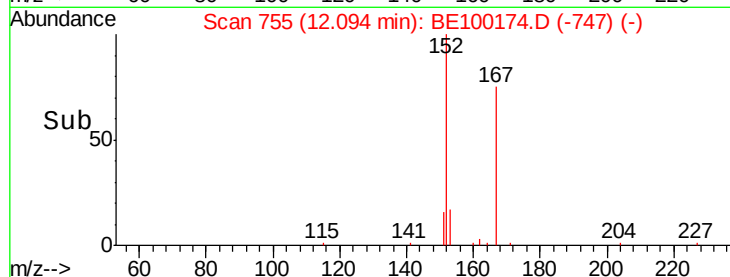
100

50

0

Time-->

12.00 12.20 12.40



#12

2-Methylnaphthalene

Concen: 0.174 ng

RT: 12.18 min Scan# 761

Delta R.T. 0.03 min

Lab File: BE100174.D

Acq: 25 Jun 2019 10:02

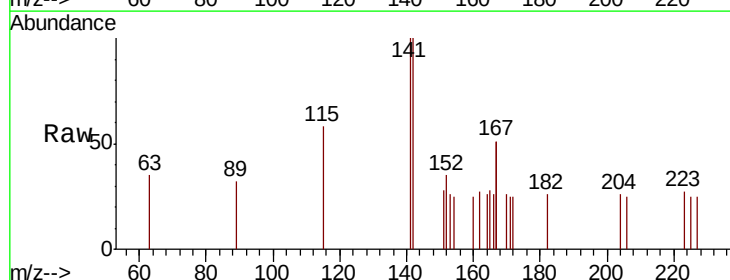
Tgt Ion:142 Resp: 455

Ion Ratio Lower Upper

142 100

141 100.0 71.8 107.8

115 58.4 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

200

150

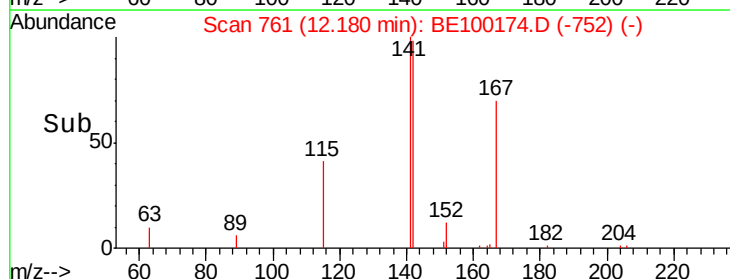
100

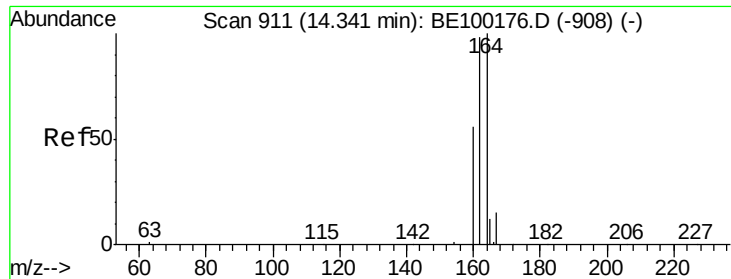
50

0

Time-->

12.10 12.20

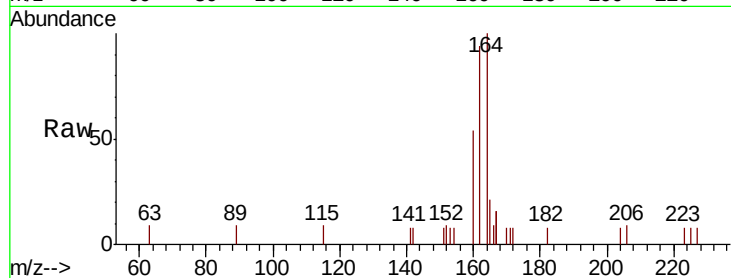




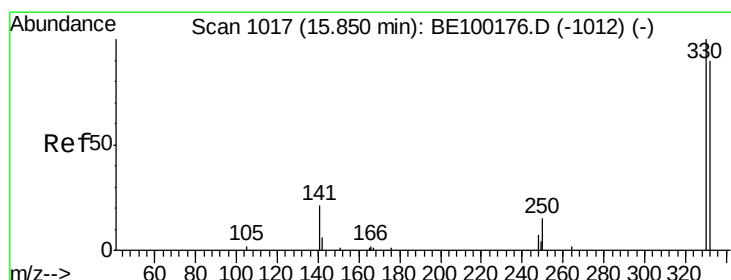
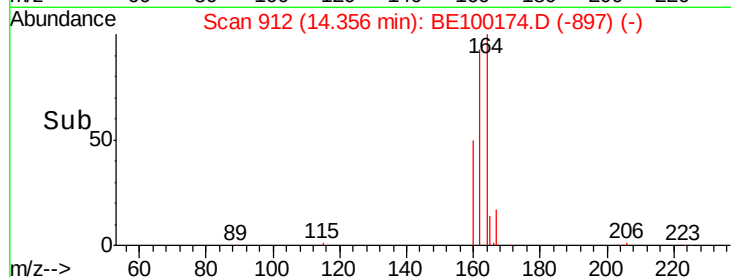
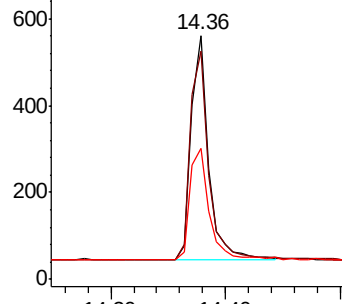
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.36 min Scan# 912
 Delta R.T. 0.01 min
 Lab File: BE100174.D
 Acq: 25 Jun 2019 10:02

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 1114
 Ion Ratio Lower Upper
 164 100
 162 93.9 78.6 118.0
 160 53.7 46.9 70.3

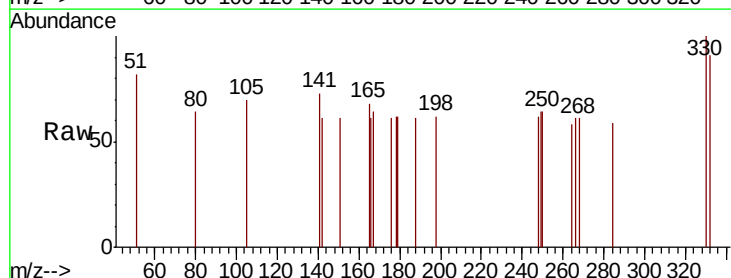


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

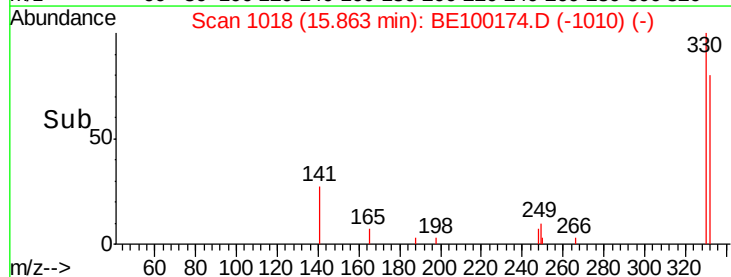
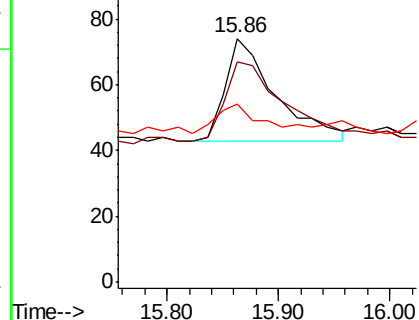


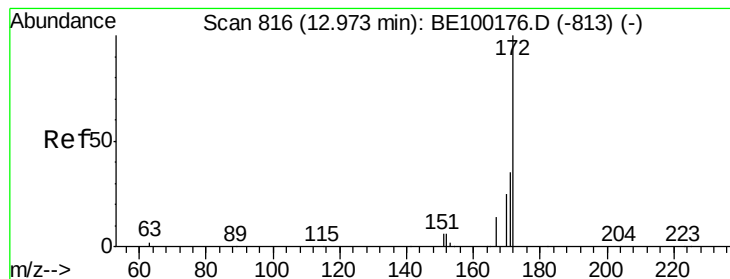
#14
 2,4,6-Tribromophenol
 Concen: 0.127 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: BE100174.D
 Acq: 25 Jun 2019 10:02

Tgt Ion:330 Resp: 97
 Ion Ratio Lower Upper
 330 100
 332 99.0 77.7 116.5
 141 27.8 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

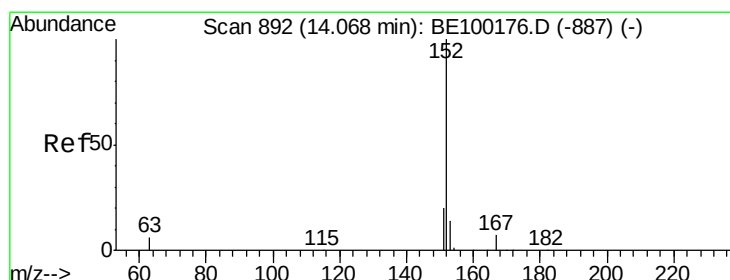
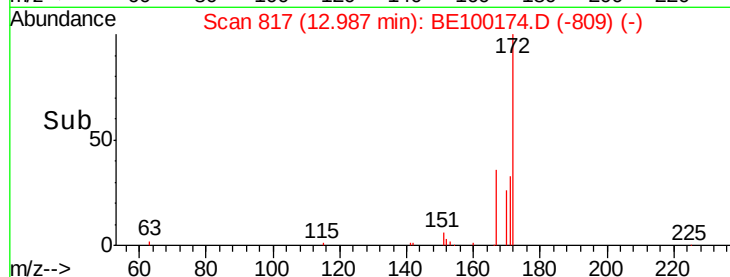
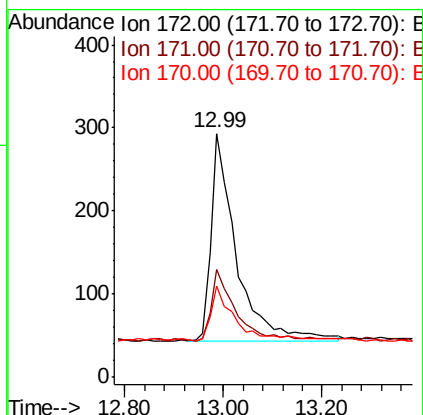
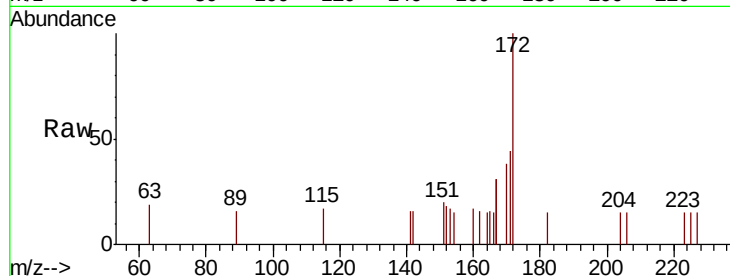




#15
2-Fluorobiphenyl
Concen: 0.204 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.01 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

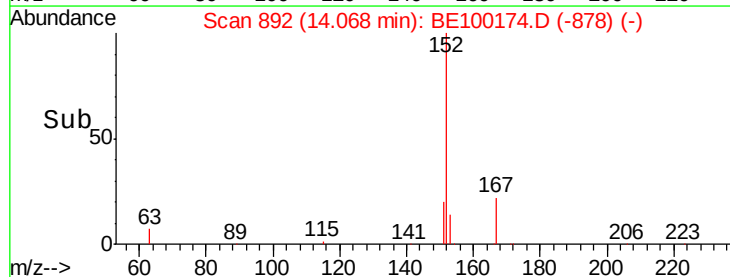
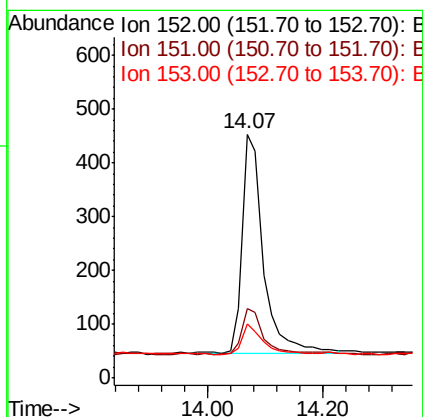
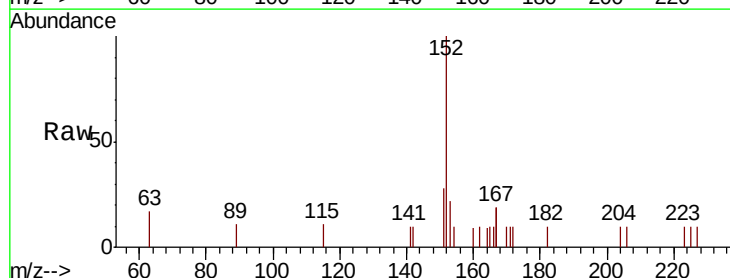
Instrument :
BNA_E
ClientSampleId :

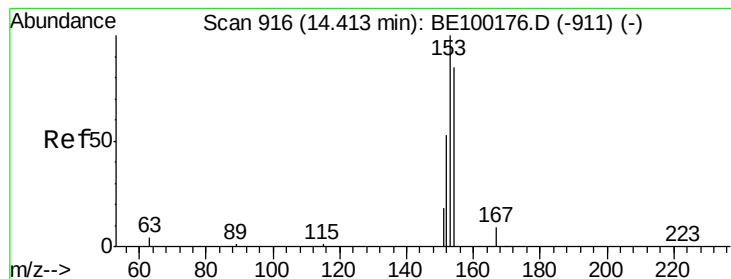
Tot Ion:172 Resp: 875
Ion Ratio Lower Upper
172 100
171 44.4 31.0 46.4
170 37.5 23.9 35.9#



#16
Acenaphthylene
Concen: 0.196 ng
RT: 14.07 min Scan# 892
Delta R.T. 0.00 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Tgt Ion:152 Resp: 1042
Ion Ratio Lower Upper
152 100
151 22.2 15.4 23.0
153 13.1 10.8 16.2





#17

Acenaphthene

Concen: 0.186 ng

RT: 14.41 min Scan# 916

Delta R.T. 0.00 min

Lab File: BE100174.D

Acq: 25 Jun 2019 10:02

Instrument :

BNA_E

ClientSampled :

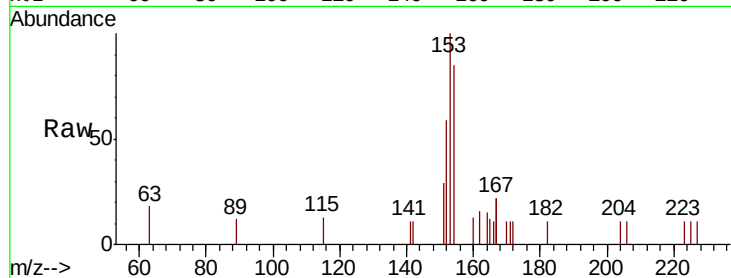
Tot Ion:154 Resp: 561

Ion Ratio Lower Upper

154 100

153 123.4 95.3 142.9

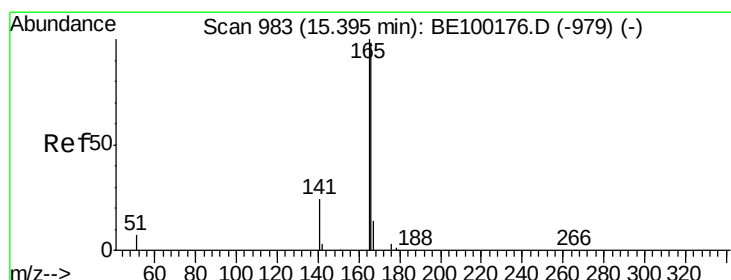
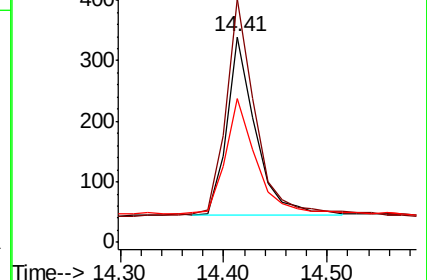
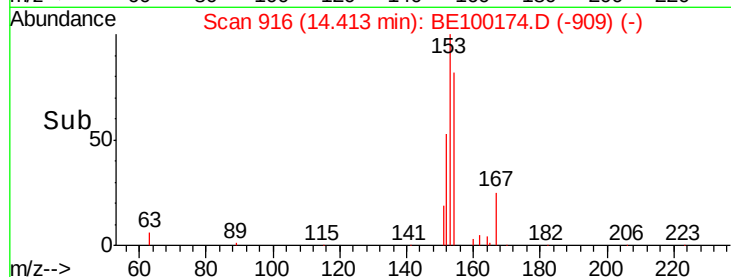
152 68.8 52.9 79.3



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: 0.186 ng

RT: 15.39 min Scan# 983

Delta R.T. 0.00 min

Lab File: BE100174.D

Acq: 25 Jun 2019 10:02

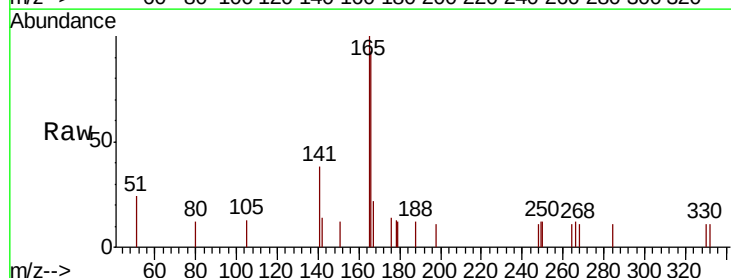
Tgt Ion:166 Resp: 821

Ion Ratio Lower Upper

166 100

165 102.6 81.0 121.4

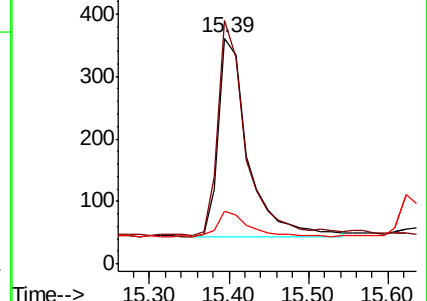
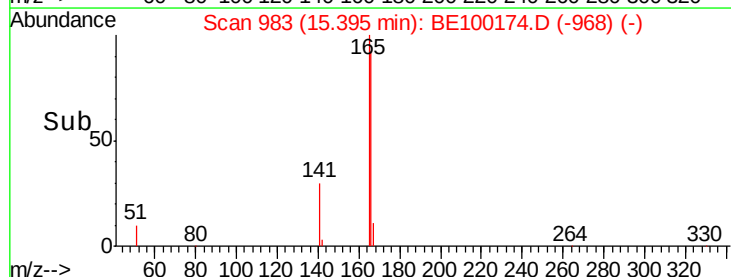
167 12.7 11.4 17.0

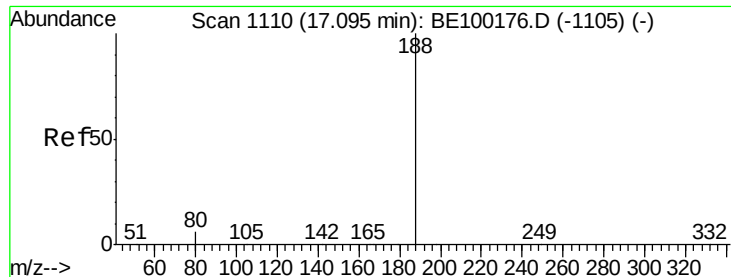


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE100174.D

Acq: 25 Jun 2019 10:02

Instrument :

BNA_E

ClientSampleId :

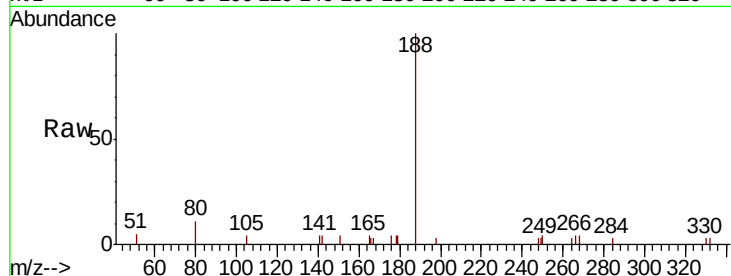
Tot Ion:188 Resp: 3333

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

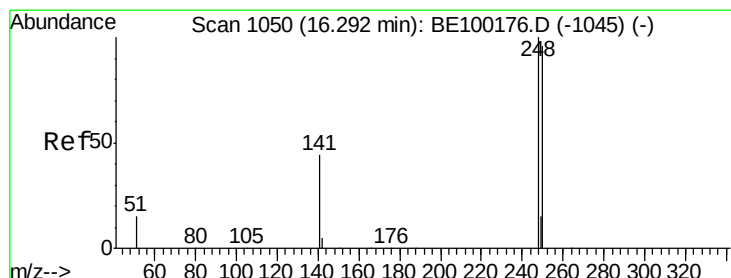
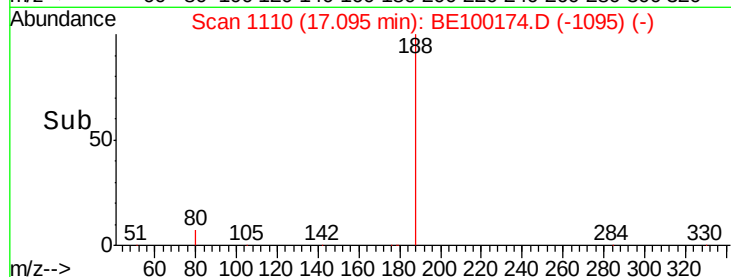
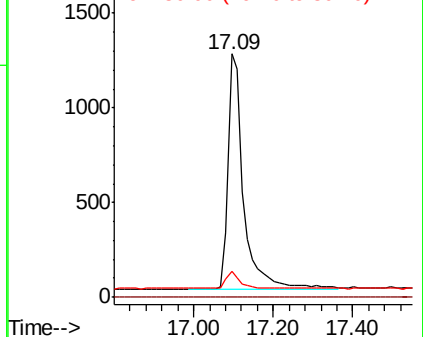
80 10.6 6.4 9.6#



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: 0.190 ng

RT: 16.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BE100174.D

Acq: 25 Jun 2019 10:02

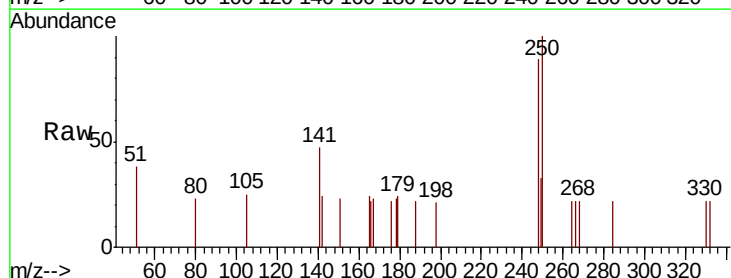
Tgt Ion:248 Resp: 395

Ion Ratio Lower Upper

248 100

250 112.2 77.1 115.7

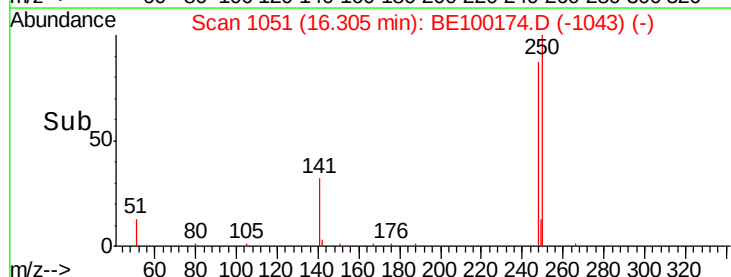
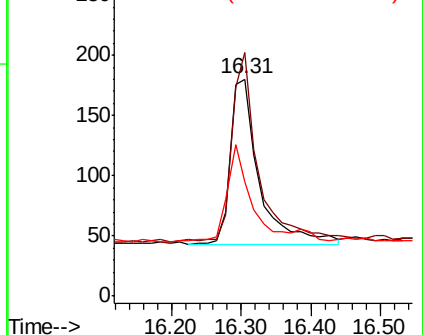
141 52.8 39.5 59.3

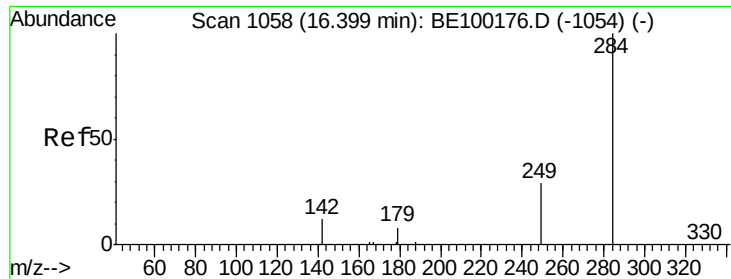


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.199 ng

RT: 16.40 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BE100174.D

Acq: 25 Jun 2019 10:02

Instrument :

BNA_E

ClientSampleId :

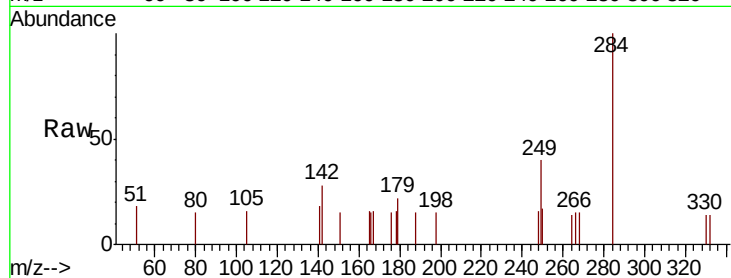
Tot Ion:284 Resp: 436

Ion Ratio Lower Upper

284 100

142 26.6 20.1 30.1

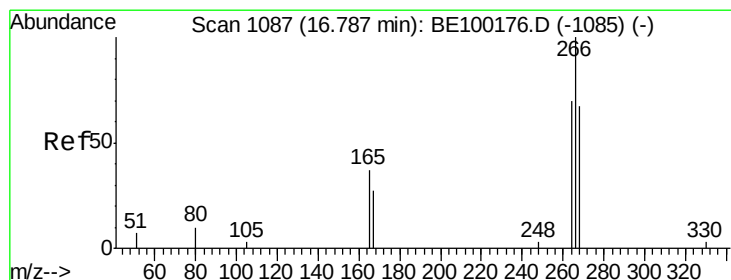
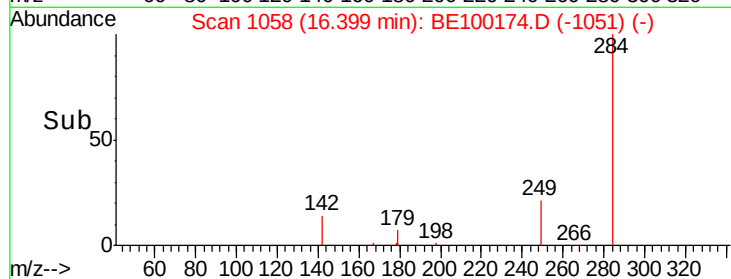
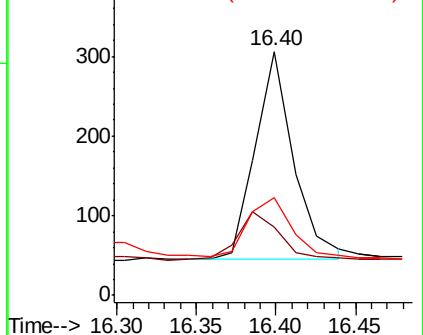
249 31.0 26.2 39.4



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: 0.081 ng

RT: 16.85 min Scan# 1092

Delta R.T. 0.07 min

Lab File: BE100174.D

Acq: 25 Jun 2019 10:02

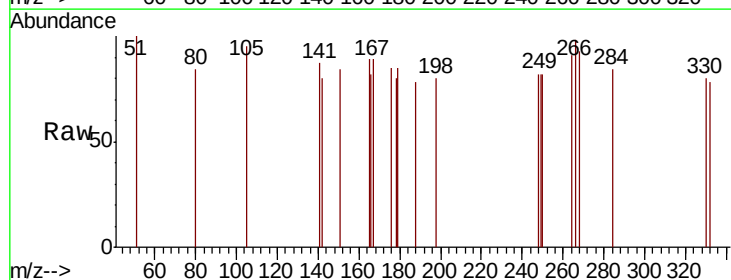
Tgt Ion:266 Resp: 52

Ion Ratio Lower Upper

266 100

264 92.6 67.7 101.5

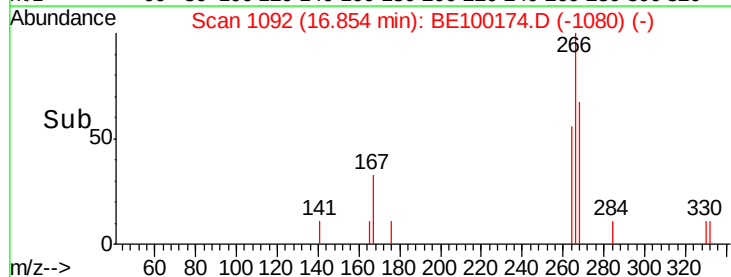
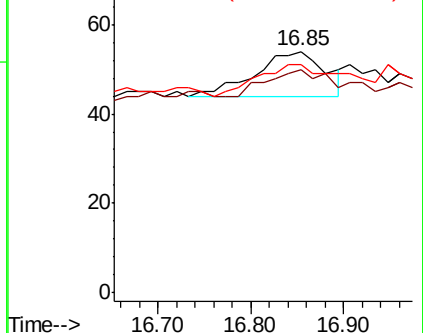
268 94.4 69.8 104.6

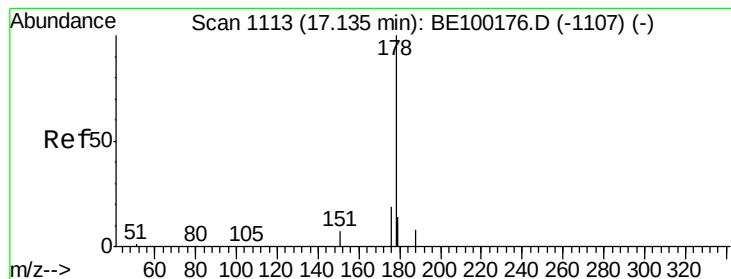


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.183 ng

RT: 17.15 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BE100174.D

Acq: 25 Jun 2019 10:02

Instrument :

BNA_E

ClientSampleId :

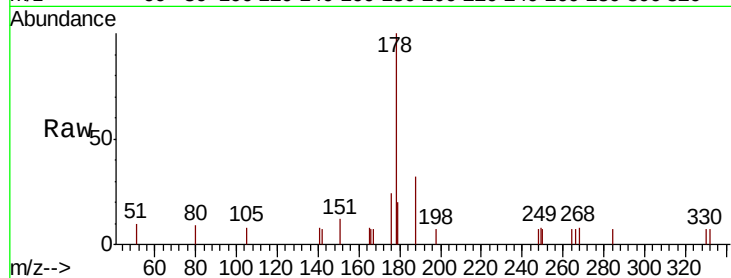
Tot Ion:178 Resp: 1429

Ion Ratio Lower Upper

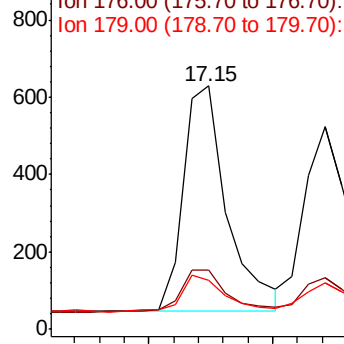
178 100

176 19.7 15.5 23.3

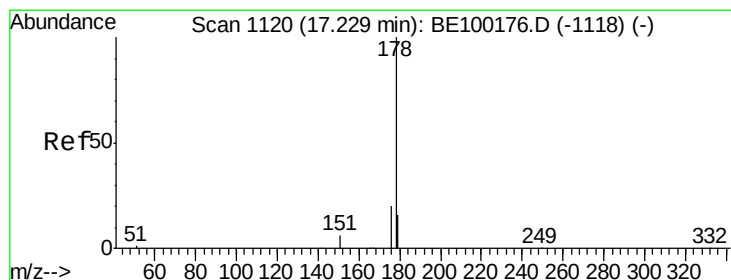
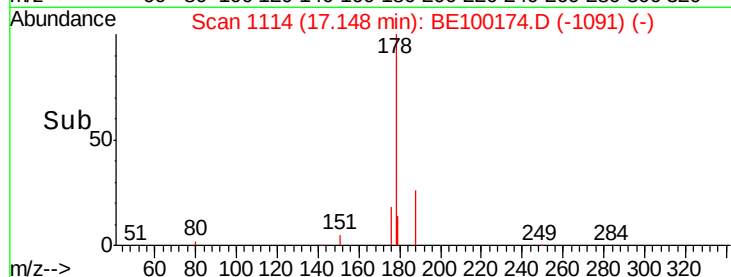
179 16.5 12.2 18.2



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



Time-->



#24

Anthracene

Concen: 0.153 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE100174.D

Acq: 25 Jun 2019 10:02

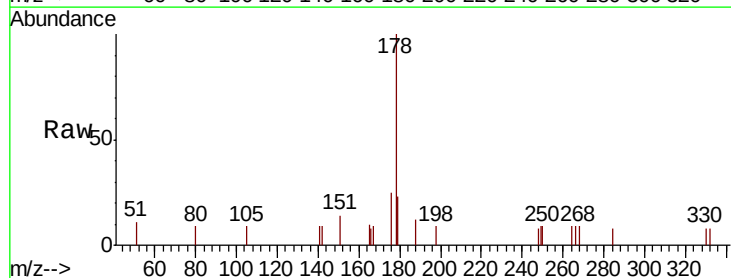
Tgt Ion:178 Resp: 1064

Ion Ratio Lower Upper

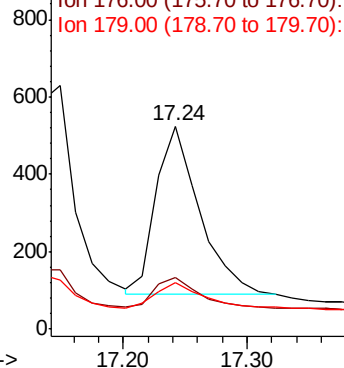
178 100

176 19.2 15.7 23.5

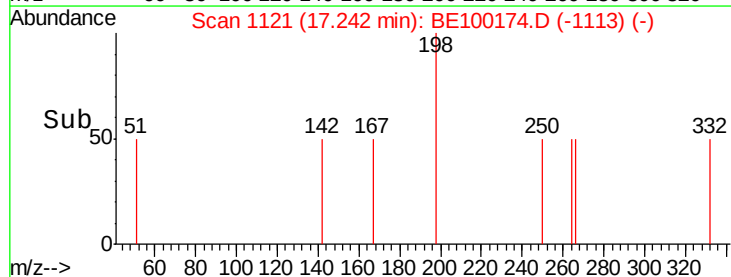
179 16.4 12.9 19.3

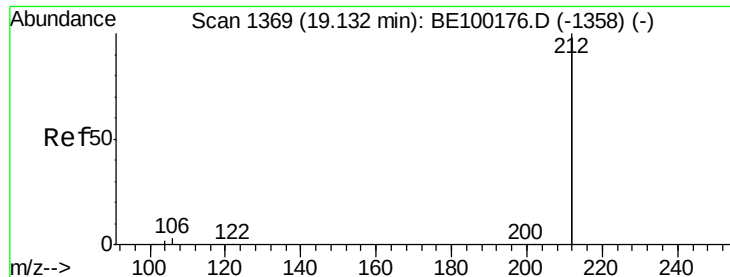


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->

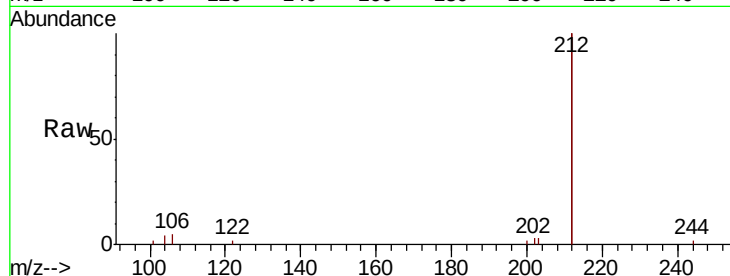




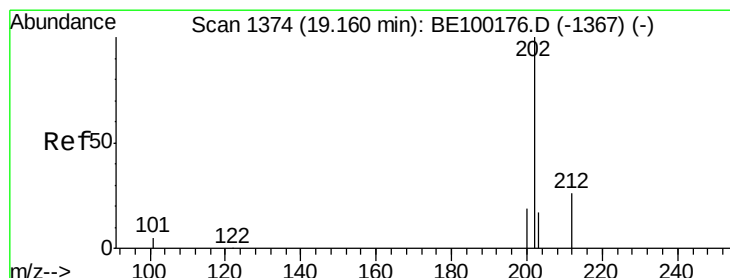
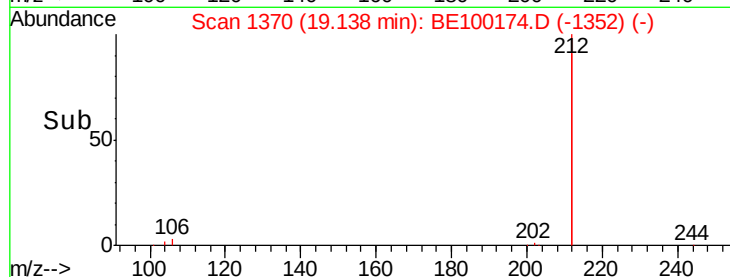
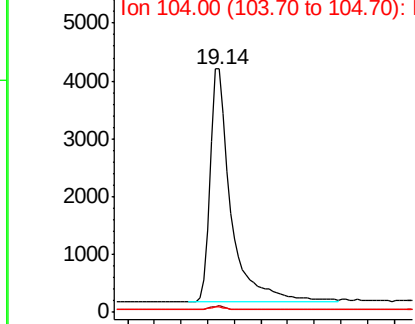
#25
Fluoranthene-d10
Concen: 0.187 ng
RT: 19.14 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Instrument :
BNA_E
ClientSampleId :

Tot Ion:212 Resp: 8899
Ion Ratio Lower Upper
212 100
106 1.5 1.3 1.9
104 1.0 0.7 1.1

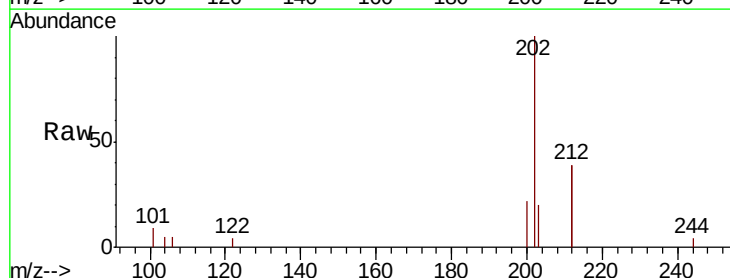


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

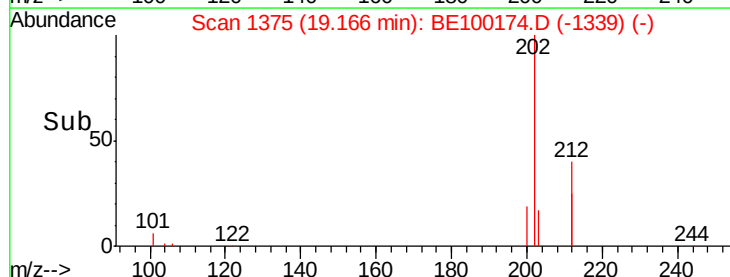
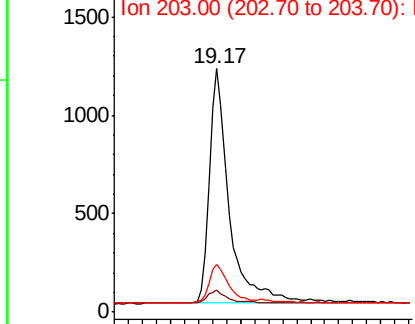


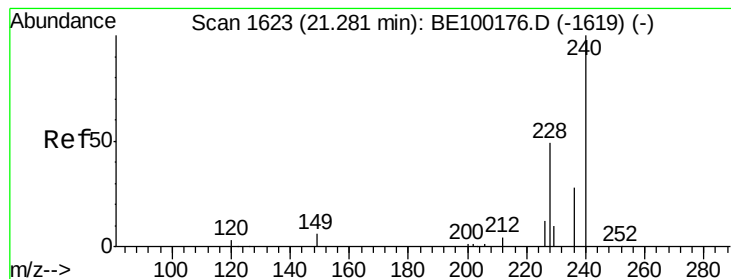
#26
Fluoranthene
Concen: 0.188 ng
RT: 19.17 min Scan# 1375
Delta R.T. 0.01 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Tgt Ion:202 Resp: 2360
Ion Ratio Lower Upper
202 100
101 6.1 4.5 6.7
203 15.7 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: BE100174.D

Acq: 25 Jun 2019 10:02

Instrument :

BNA_E

ClientSampleId :

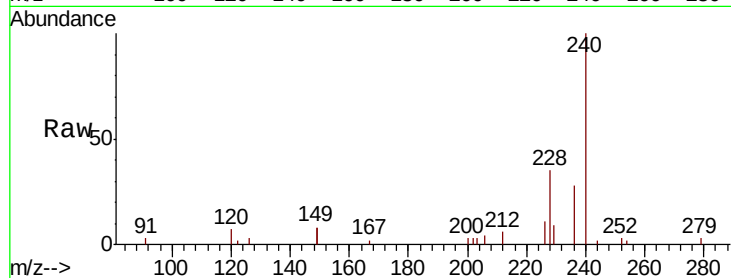
Tot Ion:240 Resp: 4564

Ion Ratio Lower Upper

240 100

120 7.0 4.1 6.1#

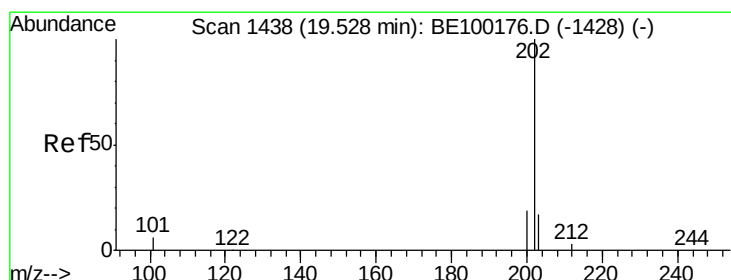
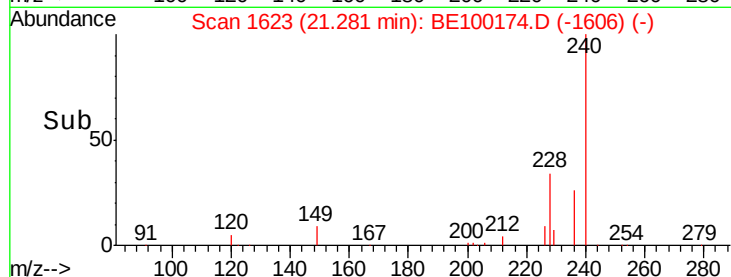
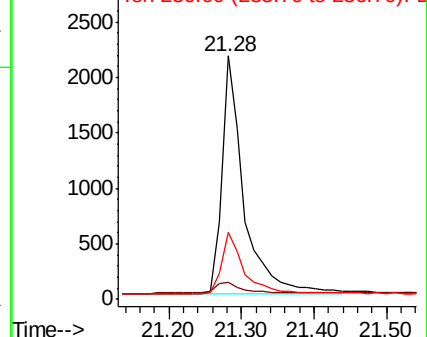
236 27.7 23.0 34.6



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: 0.182 ng

RT: 19.53 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BE100174.D

Acq: 25 Jun 2019 10:02

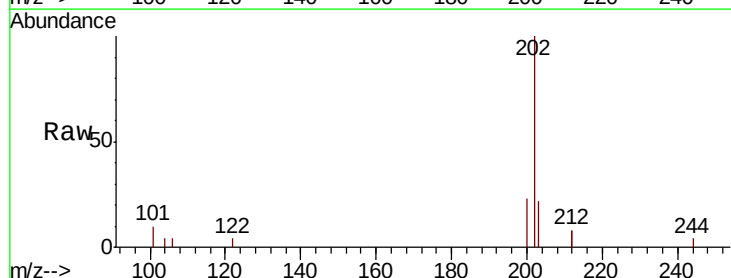
Tgt Ion:202 Resp: 2333

Ion Ratio Lower Upper

202 100

200 20.0 15.5 23.3

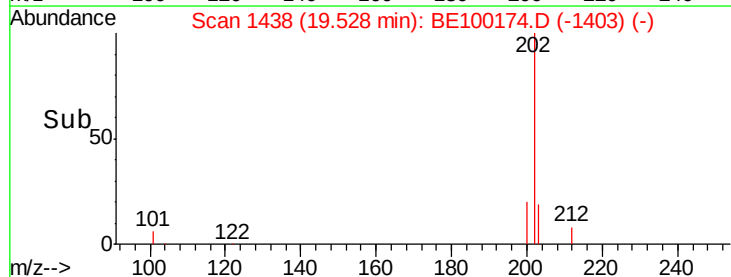
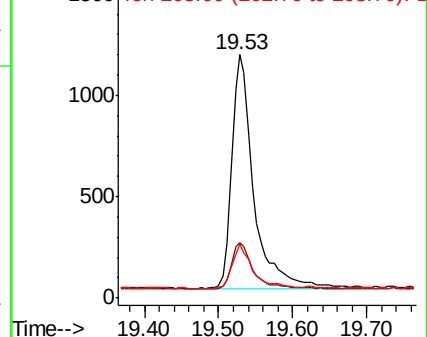
203 17.7 13.9 20.9

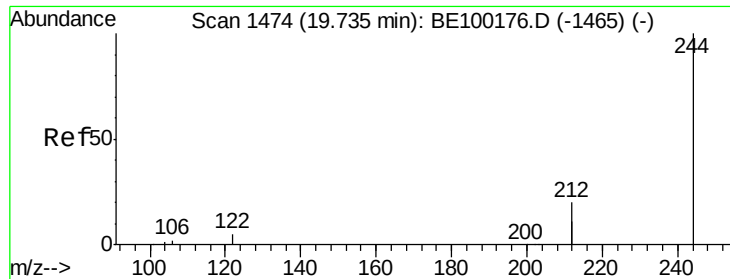


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

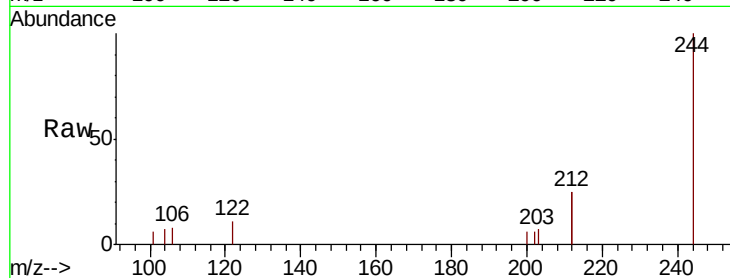




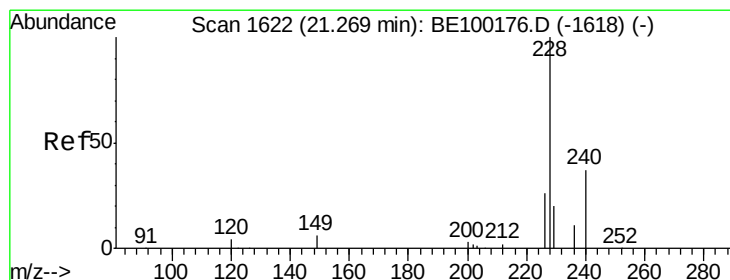
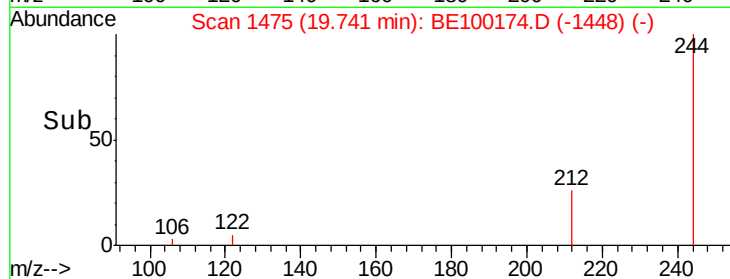
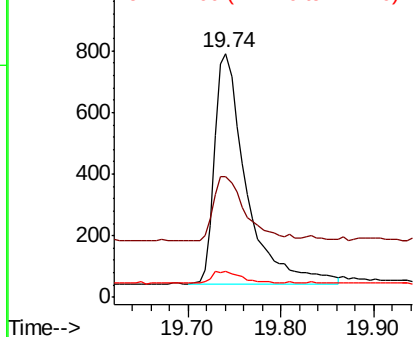
#29
 Terphenyl-d14
 Concen: 0.182 ng
 RT: 19.74 min Scan# 1475
 Delta R.T. 0.01 min
 Lab File: BE100174.D
 Acq: 25 Jun 2019 10:02

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:244 Resp: 1773
 Ion Ratio Lower Upper
 244 100
 212 49.3 30.7 46.1#
 122 10.6 5.8 8.6#

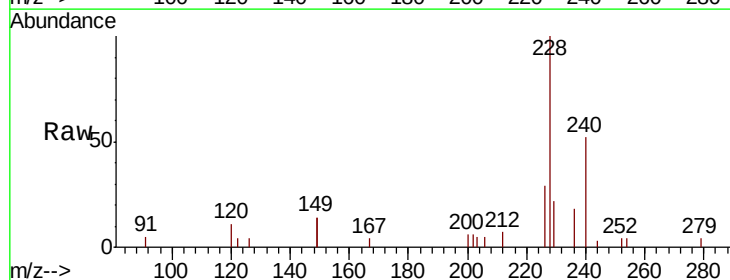


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

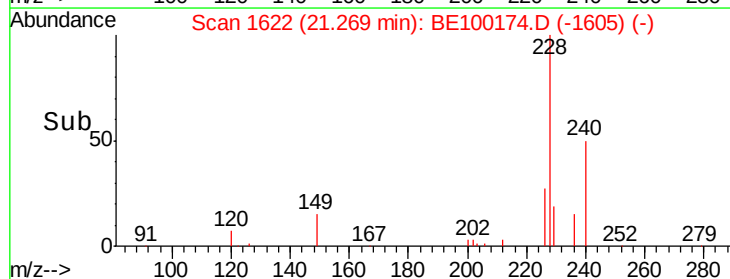
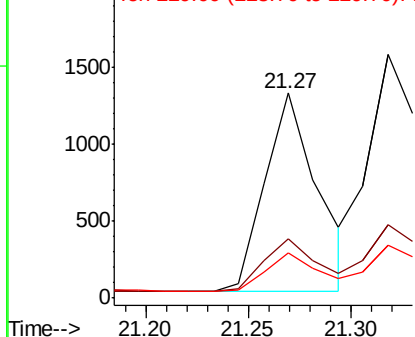


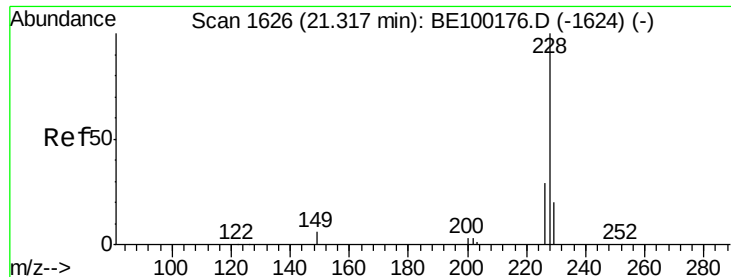
#30
 Benzo(a)anthracene
 Concen: 0.167 ng
 RT: 21.27 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BE100174.D
 Acq: 25 Jun 2019 10:02

Tgt Ion:228 Resp: 2308
 Ion Ratio Lower Upper
 228 100
 226 29.2 21.5 32.3
 229 22.3 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: 0.205 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE100174.D

Acq: 25 Jun 2019 10:02

Instrument :

BNA_E

ClientSampleId :

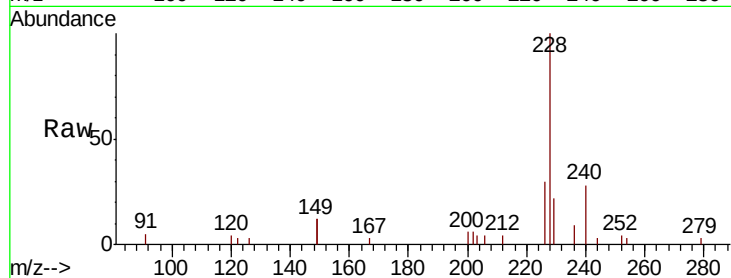
Tot Ion:228 Resp: 3144

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.7	35.5
229	21.7	16.5	24.7

228 100

226 30.0 23.7 35.5

229 21.7 16.5 24.7

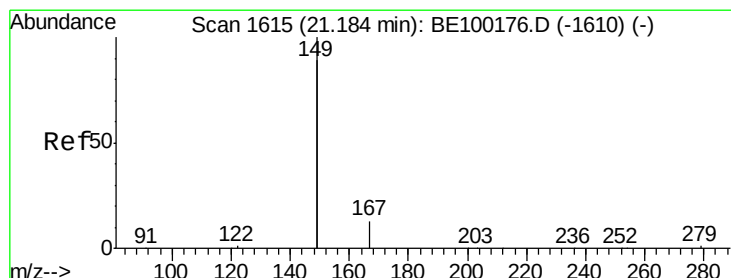
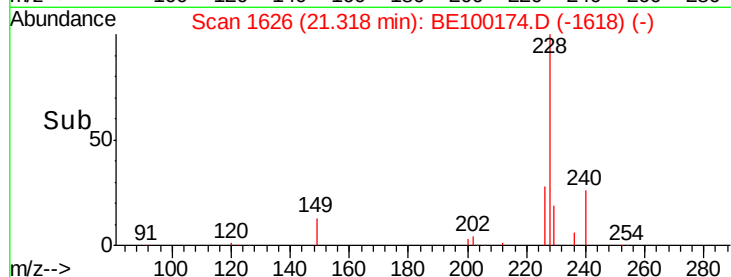
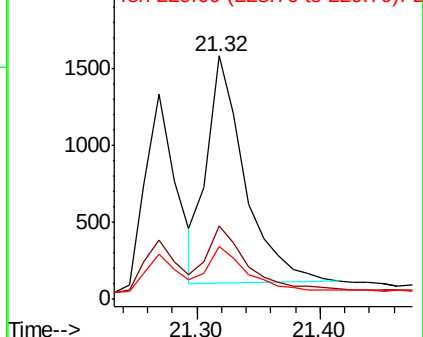


Abundance

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: 0.130 ng

RT: 21.18 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BE100174.D

Acq: 25 Jun 2019 10:02

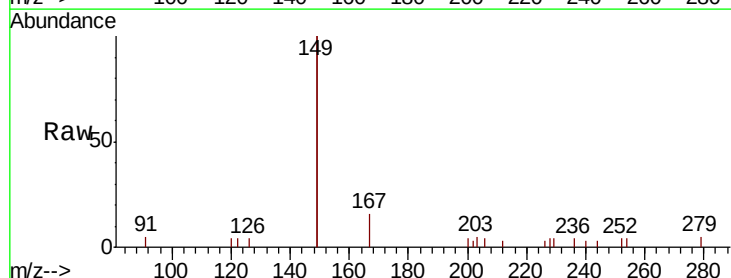
Tgt Ion:149 Resp: 2970

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.9	8.9
279	2.1	1.0	1.6#

149 100

167 7.5 5.9 8.9

279 2.1 1.0 1.6#

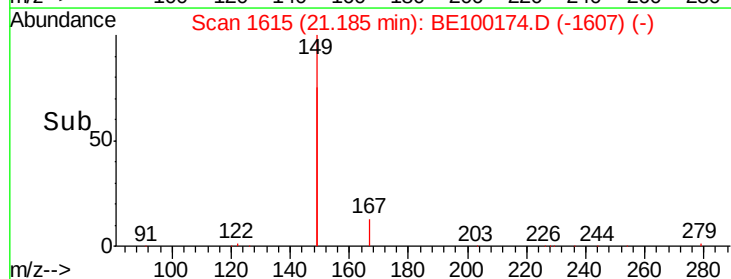
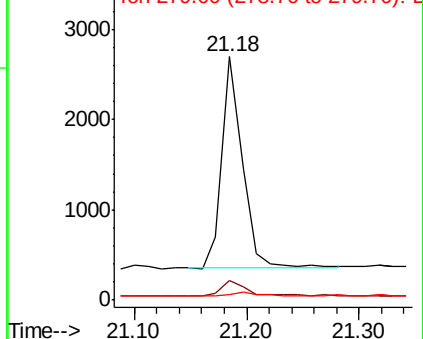


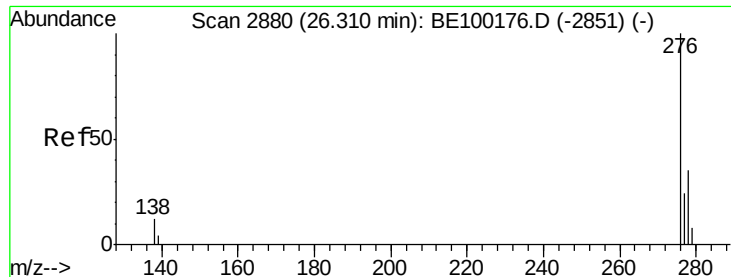
Abundance

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

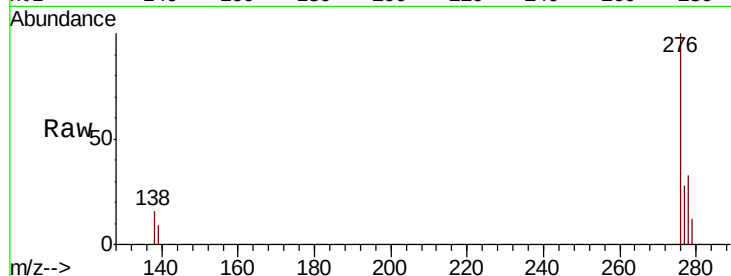




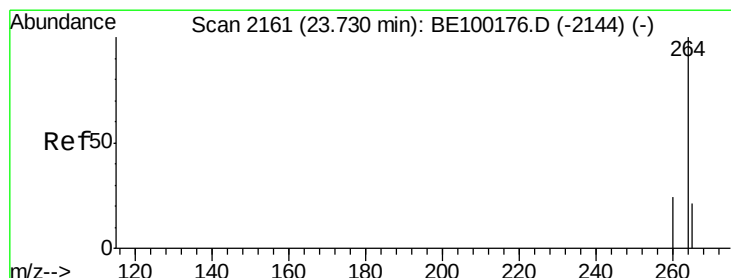
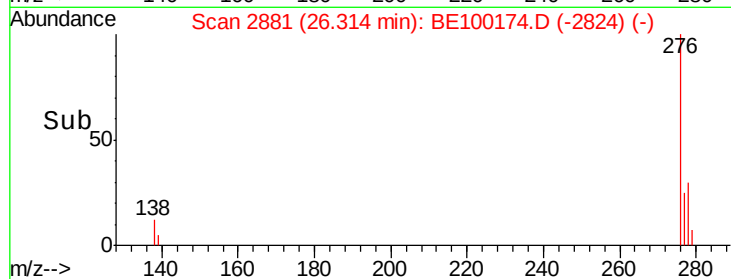
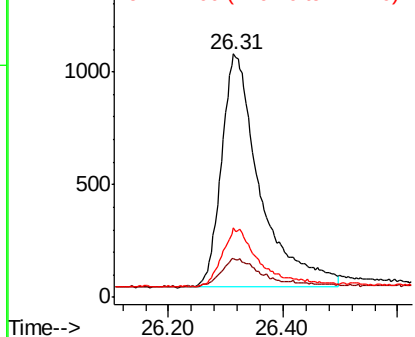
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.275 ng
RT: 26.31 min Scan# 2881
Delta R.T. 0.00 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 4833
Ion Ratio Lower Upper
276 100
138 11.5 3.7 5.5#
277 21.9 18.7 28.1

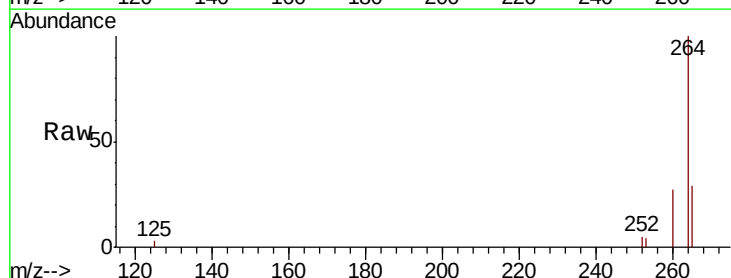


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

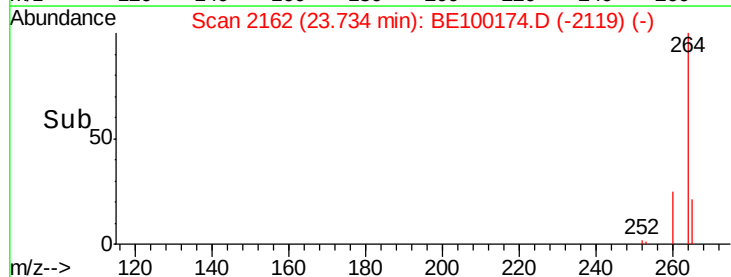
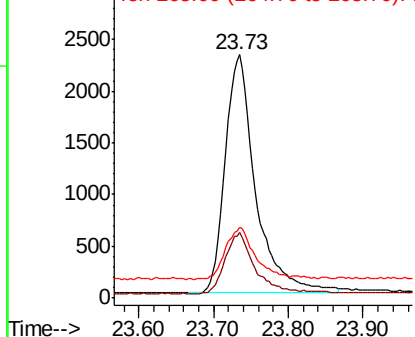


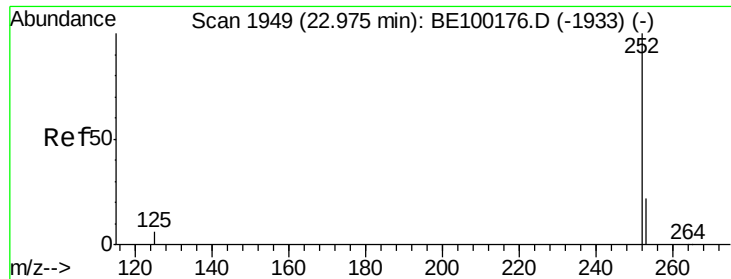
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2162
Delta R.T. 0.00 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Tgt Ion:264 Resp: 6508
Ion Ratio Lower Upper
264 100
260 26.9 20.4 30.6
265 29.1 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: 0.225 ng

RT: 23.03 min Scan# 1964

Delta R.T. 0.05 min

Lab File: BE100174.D

Acq: 25 Jun 2019 10:02

Instrument :

BNA_E

ClientSampleId :

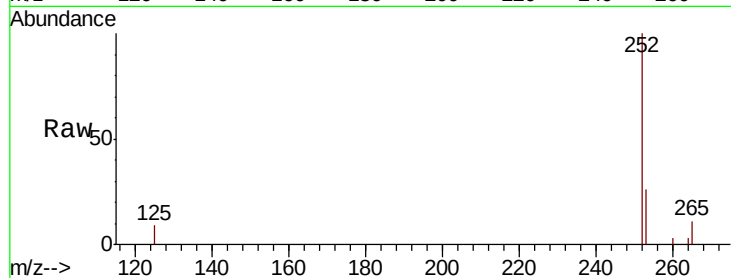
Tot Ion:252 Resp: 3748

Ion Ratio Lower Upper

252 100

253 26.2 19.0 28.4

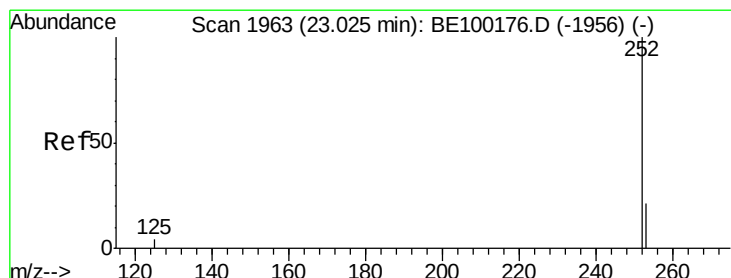
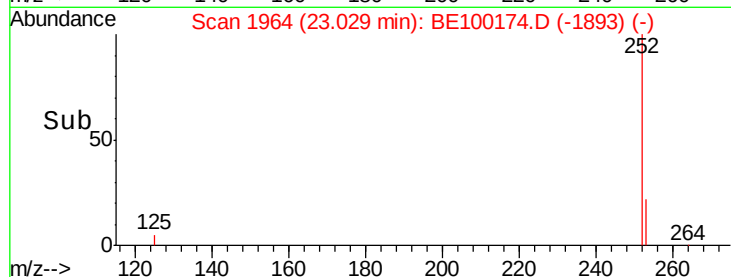
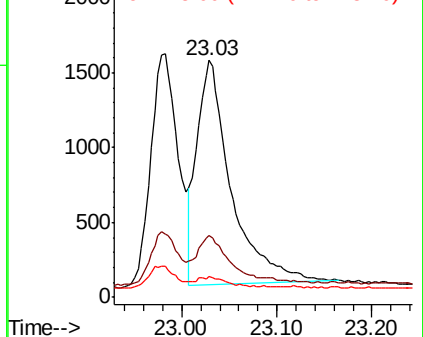
125 8.7 6.3 9.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.190 ng

RT: 23.03 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BE100174.D

Acq: 25 Jun 2019 10:02

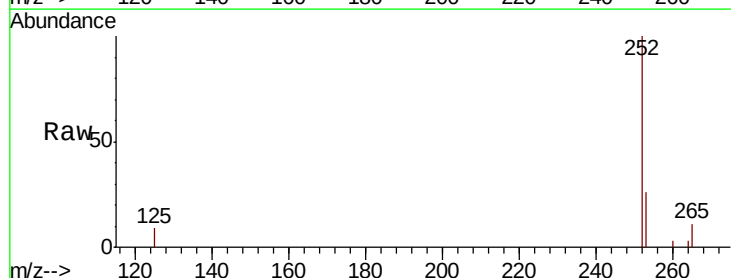
Tgt Ion:252 Resp: 3836

Ion Ratio Lower Upper

252 100

253 26.2 18.4 27.6

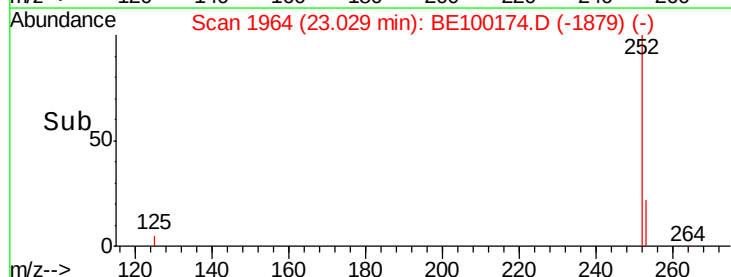
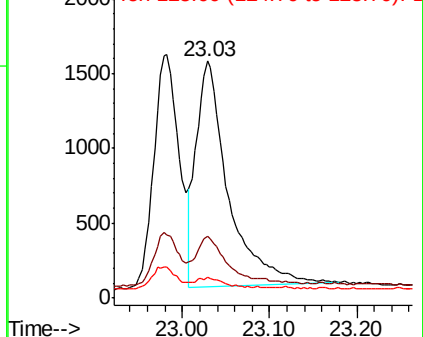
125 8.7 5.0 7.4#

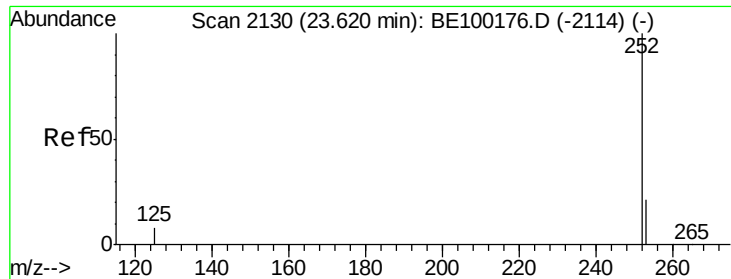


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.197 ng

RT: 23.62 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BE100174.D

Acq: 25 Jun 2019 10:02

Instrument :

BNA_E

ClientSampleId :

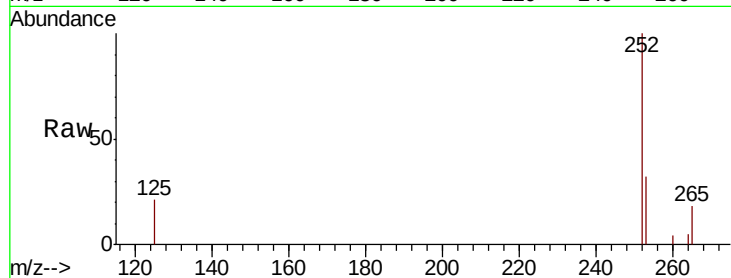
Tot Ion:252 Resp: 3399

Ion Ratio Lower Upper

252 100

253 31.8 19.2 28.8#

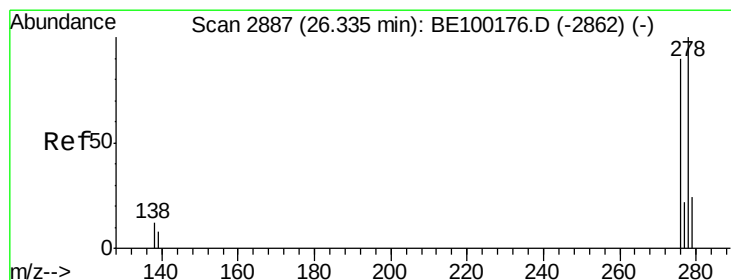
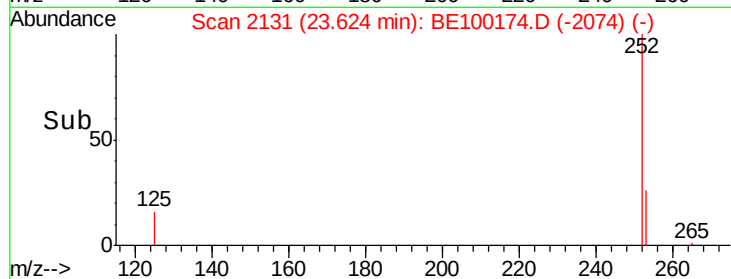
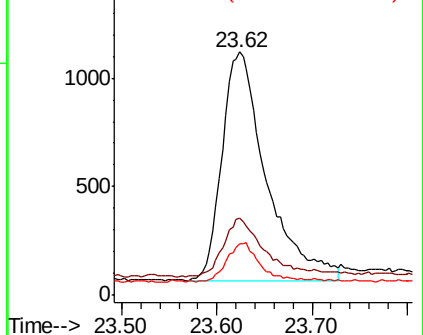
125 21.1 8.2 12.2#



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: 0.214 ng

RT: 26.35 min Scan# 2890

Delta R.T. 0.01 min

Lab File: BE100174.D

Acq: 25 Jun 2019 10:02

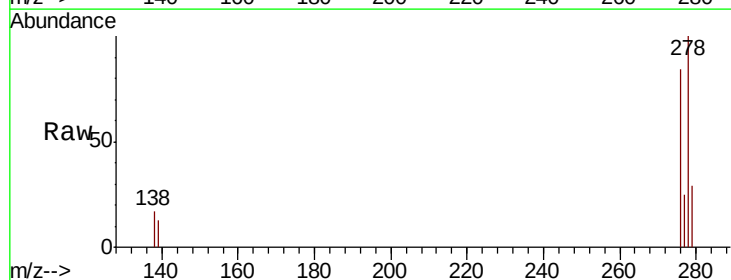
Tgt Ion:278 Resp: 3723

Ion Ratio Lower Upper

278 100

139 13.2 9.0 13.4

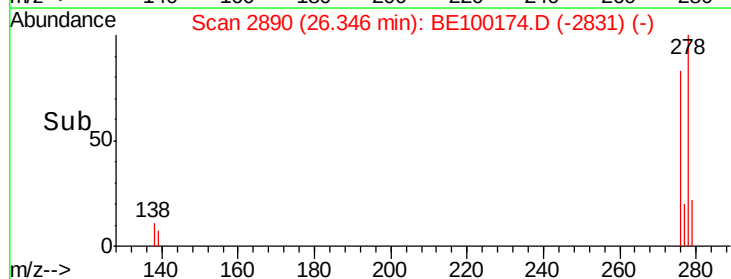
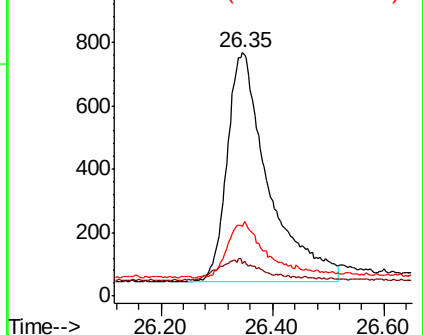
279 28.7 21.1 31.7

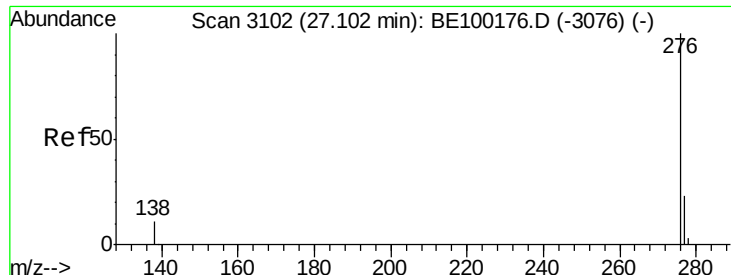


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.218 ng

RT: 27.11 min Scan# 3105

Delta R.T. 0.01 min

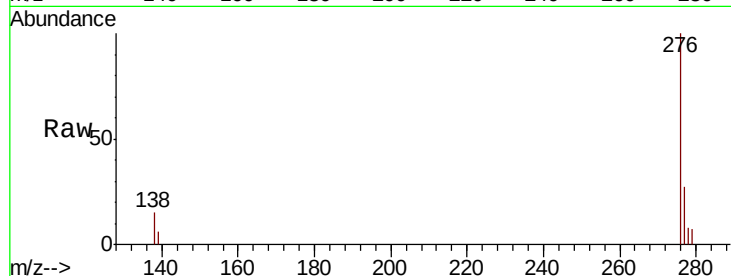
Lab File: BE100174.D

Acq: 25 Jun 2019 10:02

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 3965

Ion Ratio Lower Upper

276 100

277 26.6 19.8 29.6

138 14.9 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

