

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062619\
 Data File : BE100190.D
 Acq On : 26 Jun 2019 12:07
 Operator : JU/SJ
 Sample : PB120704BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120704BSD

Quant Time: Jun 27 04:43:20 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	561	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	1958	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	1417	0.40	ng	0.00
19) Phenanthrene-d10	17.10	188	4557	0.40	ng	0.00
27) Chrysene-d12	21.28	240	7220	0.40	ng	0.00
34) Perylene-d12	23.72	264	7965	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	511	0.41	ng	0.00
5) Phenol-d6	6.86	99	697	0.41	ng	-0.01
8) Nitrobenzene-d5	8.85	82	754	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	1452	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	334	0.41	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	2467	0.43	ng	0.00
25) Fluoranthene-d10	19.13	212	24912	0.38	ng	0.00
29) Terphenyl-d14	19.74	244	4996	0.35	ng	0.00

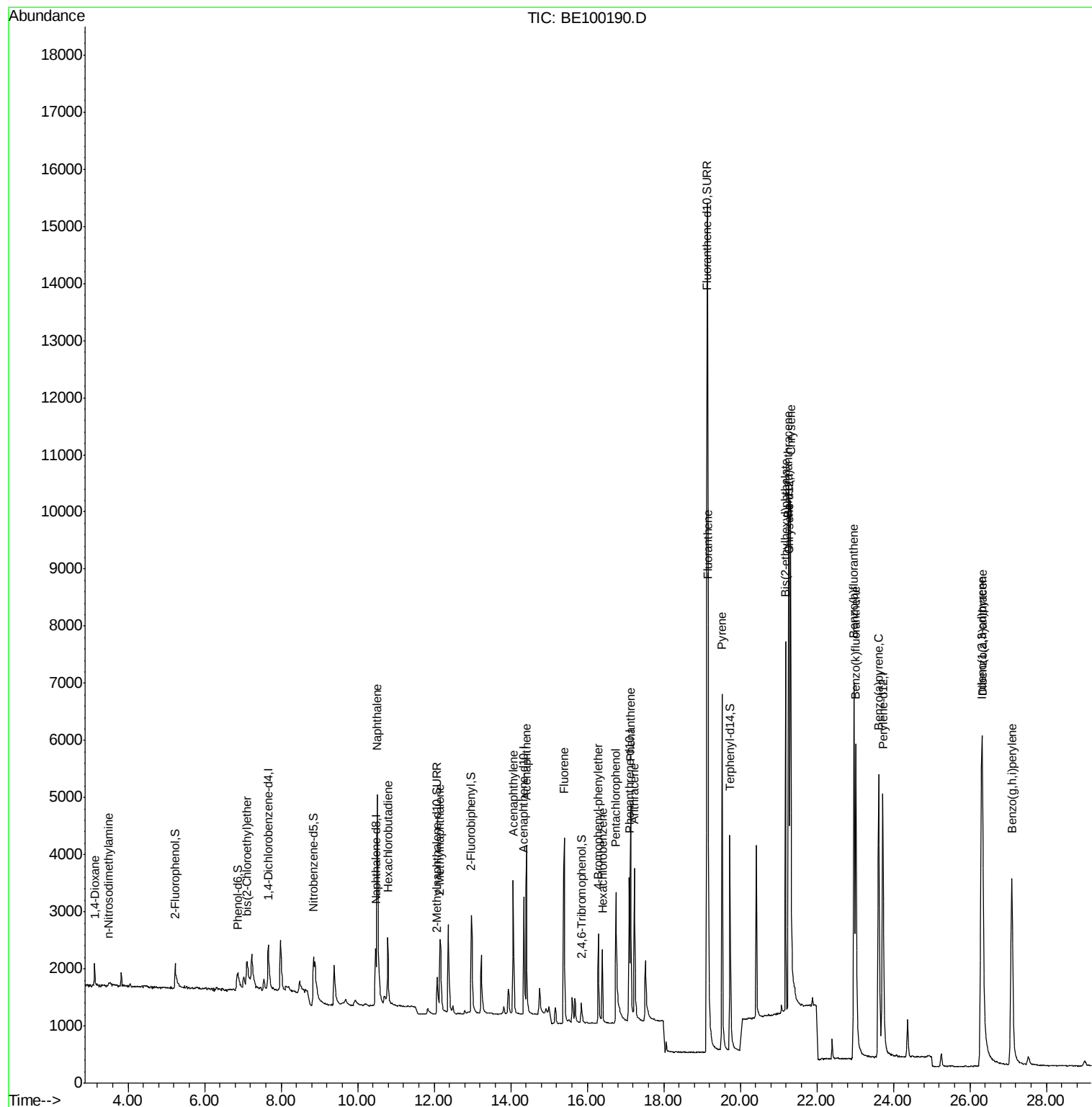
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	349	0.398	ng	97
3) n-Nitrosodimethylamine	3.50	42	79	0.243	ng	# 1
6) bis(2-Chloroethyl)ether	7.12	93	660	0.420	ng	# 92
9) Naphthalene	10.51	128	8819	0.413	ng	99
10) Hexachlorobutadiene	10.78	225	915	0.415	ng	98
12) 2-Methylnaphthalene	12.15	142	1423	0.414	ng	97
16) Acenaphthylene	14.07	152	3003	0.435	ng	98
17) Acenaphthene	14.41	154	1655	0.427	ng	96
18) Fluorene	15.39	166	2520	0.450	ng	99
20) 4-Bromophenyl-phenylether	16.29	248	1158	0.409	ng	94
21) Hexachlorobenzene	16.40	284	1294	0.417	ng	99
22) Pentachlorophenol	16.75	266	2324	2.495	ng	# 79
23) Phenanthrene	17.14	178	4652	0.431	ng	99
24) Anthracene	17.23	178	3728	0.409	ng	100
26) Fluoranthene	19.16	202	7244	0.413	ng	100
28) Pyrene	19.52	202	7239	0.392	ng	99
30) Benzo(a)anthracene	21.26	228	8190	0.385	ng	97
31) Chrysene	21.32	228	9079	0.364	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	6682	0.273	ng	100
33) Indeno(1,2,3-cd)pyrene	26.30	276	12026	0.338	ng	# 95
35) Benzo(b)fluoranthene	22.97	252	9375	0.438	ng	# 96
36) Benzo(k)fluoranthene	23.02	252	10313	0.402	ng	99
37) Benzo(a)pyrene	23.61	252	9517	0.429	ng	# 91
38) Dibenzo(a,h)anthracene	26.33	278	9463	0.399	ng	97
39) Benzo(g,h,i)perylene	27.09	276	9320	0.376	ng	99

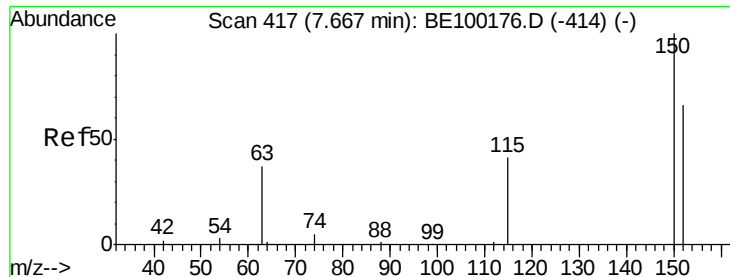
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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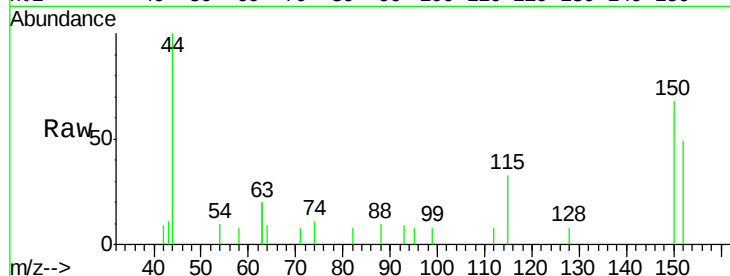


#1

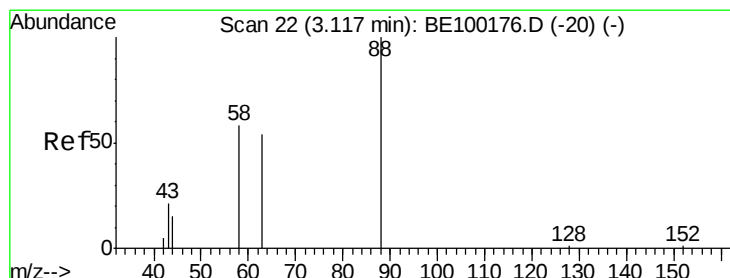
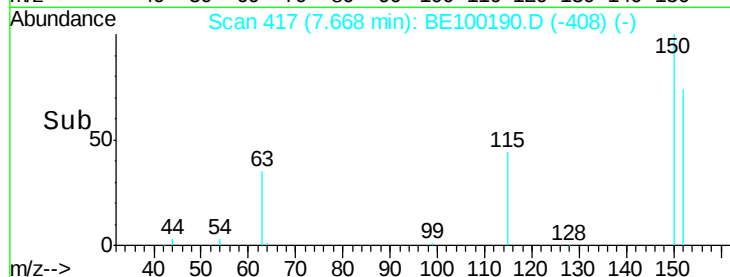
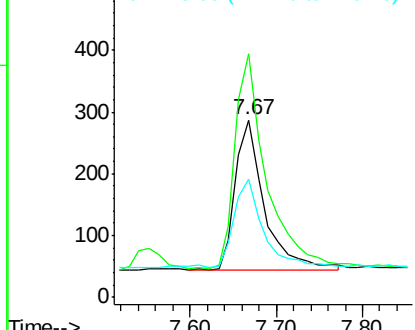
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.67 min Scan# 417
Delta R.T. 0.00 min
Lab File: BE100190.D
Acq: 26 Jun 2019 12:07

Instrument :
BNA_E
ClientSampleId :
PB120704BSD

Tgt Ion: 152 Resp: 561
Ion Ratio Lower Upper
152 100
150 137.3 113.4 170.2
115 66.9 55.8 83.6



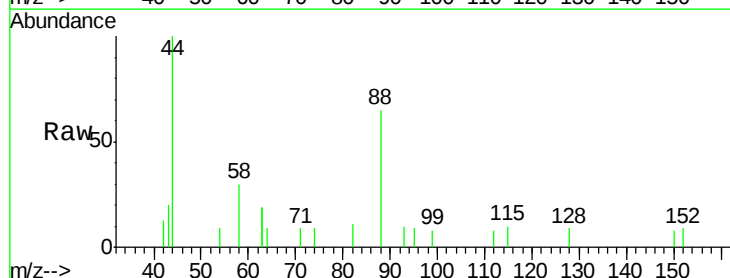
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



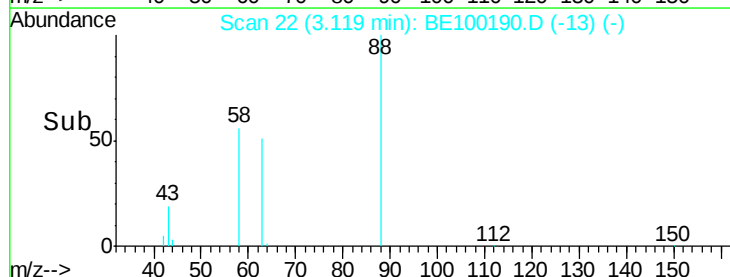
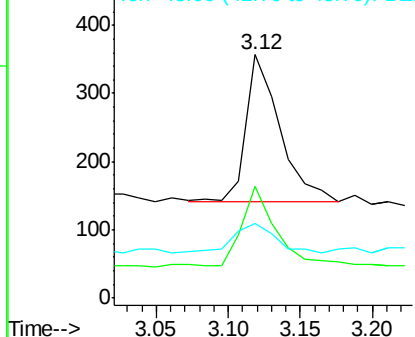
#2

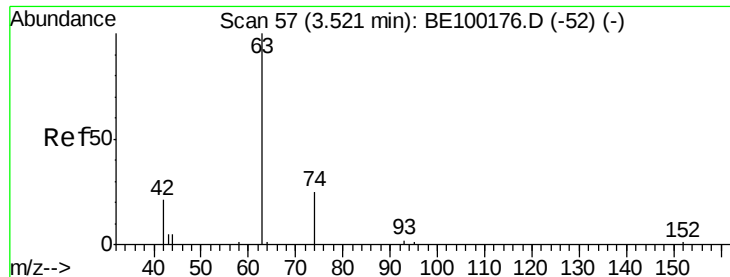
1,4-Dioxane
Concen: 0.398 ng
RT: 3.12 min Scan# 22
Delta R.T. 0.00 min
Lab File: BE100190.D
Acq: 26 Jun 2019 12:07

Tgt Ion: 88 Resp: 349
Ion Ratio Lower Upper
88 100
58 57.3 43.8 65.6
43 23.5 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: 0.243 ng

RT: 3.50 min Scan# 55

Delta R.T. -0.02 min

Lab File: BE100190.D

Acq: 26 Jun 2019 12:07

Instrument :

BNA_E

ClientSampleId :

PB120704BSD

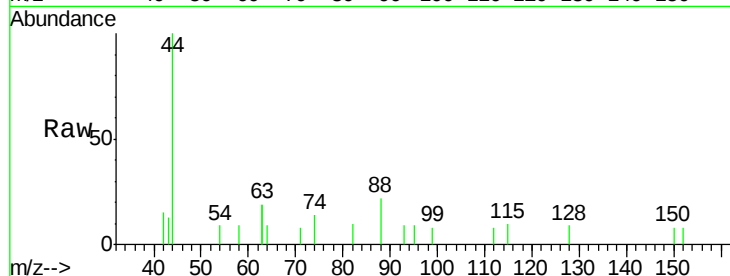
Tgt Ion: 42 Resp: 79

Ion Ratio Lower Upper

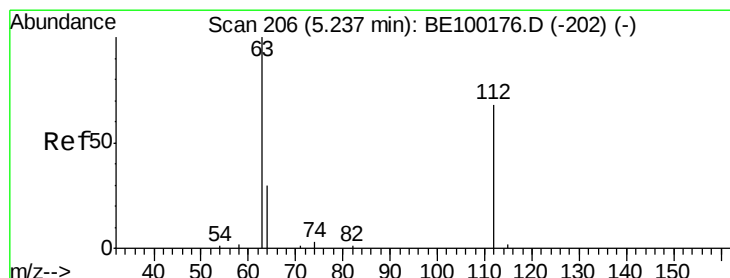
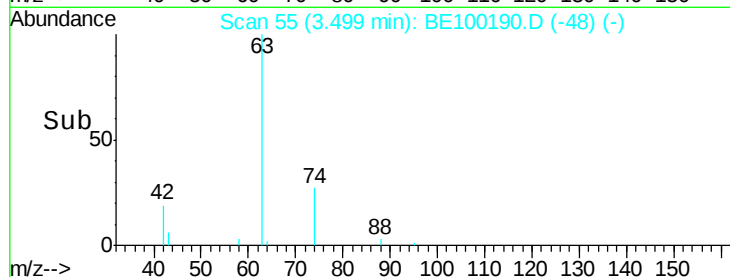
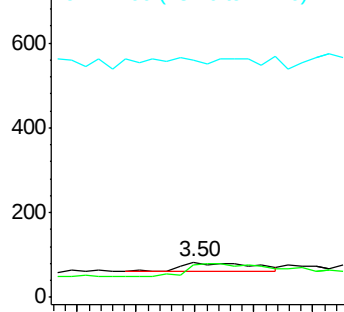
42 100

74 0.0 193.2 289.8#

44 43.0 114.5 171.7#



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: 0.410 ng

RT: 5.24 min Scan# 206

Delta R.T. 0.00 min

Lab File: BE100190.D

Acq: 26 Jun 2019 12:07

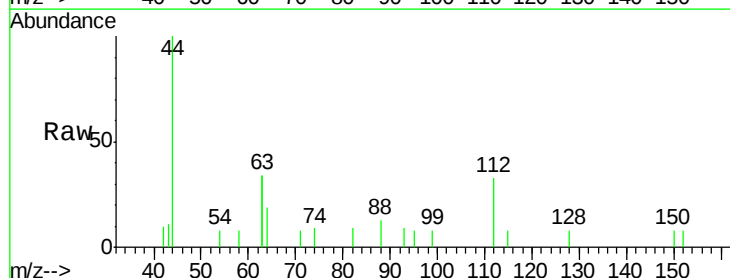
Tgt Ion: 112 Resp: 511

Ion Ratio Lower Upper

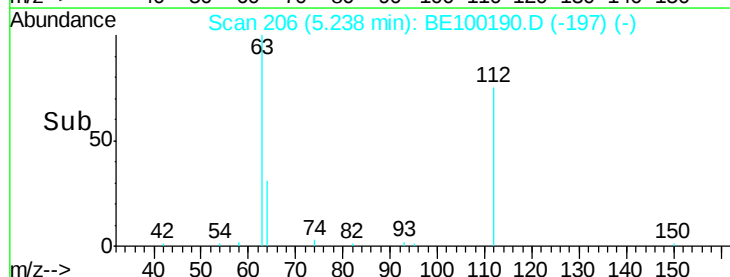
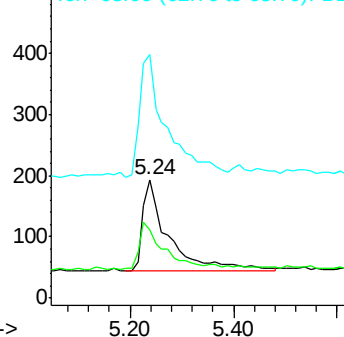
112 100

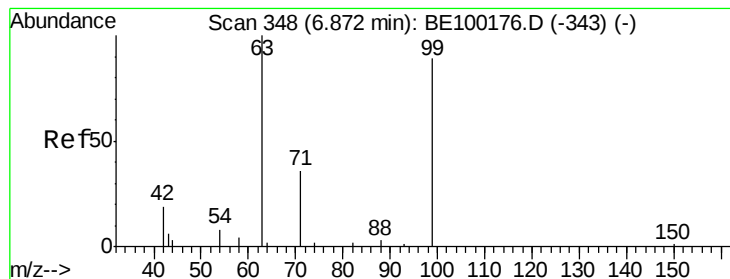
64 53.2 40.7 61.1

63 141.7 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: 0.406 ng

RT: 6.86 min Scan# 347

Delta R.T. -0.01 min

Lab File: BE100190.D

Acq: 26 Jun 2019 12:07

Instrument :

BNA_E

ClientSampleId :

PB120704BSD

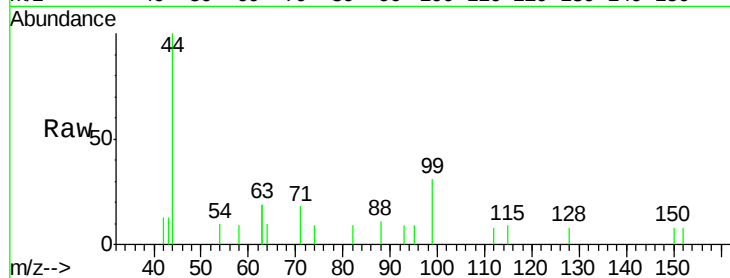
Tgt Ion: 99 Resp: 697

Ion Ratio Lower Upper

99 100

42 19.7 10.4 15.6#

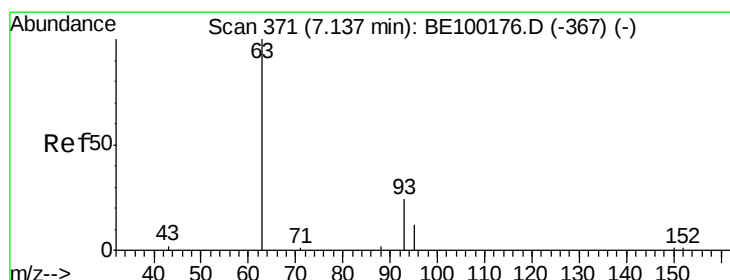
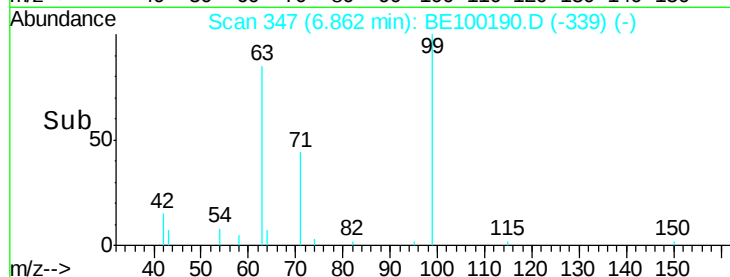
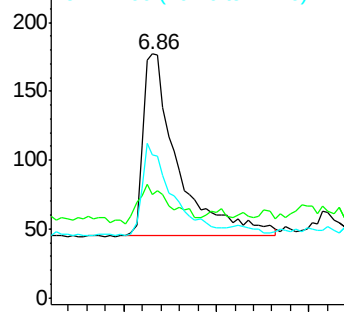
71 43.8 32.4 48.6



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: 0.420 ng

RT: 7.12 min Scan# 369

Delta R.T. -0.02 min

Lab File: BE100190.D

Acq: 26 Jun 2019 12:07

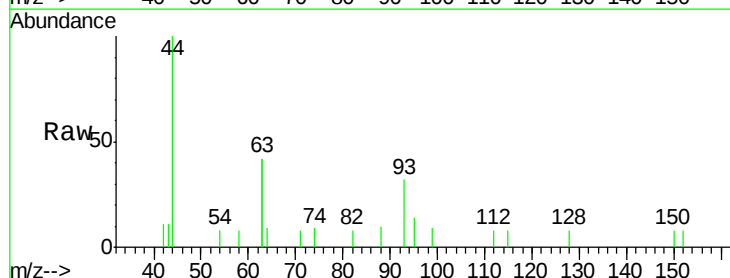
Tgt Ion: 93 Resp: 660

Ion Ratio Lower Upper

93 100

63 171.2 0.0 0.0#

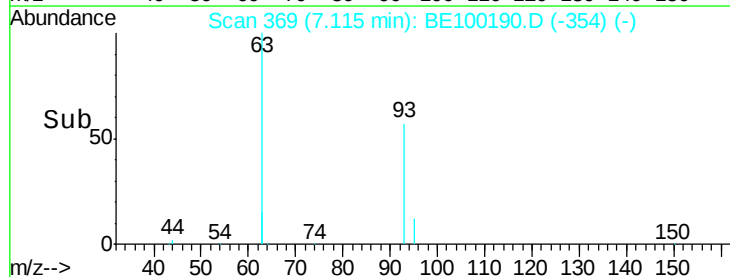
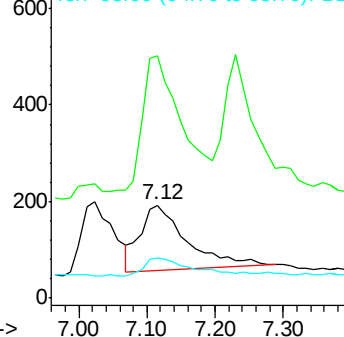
95 30.6 21.0 31.6

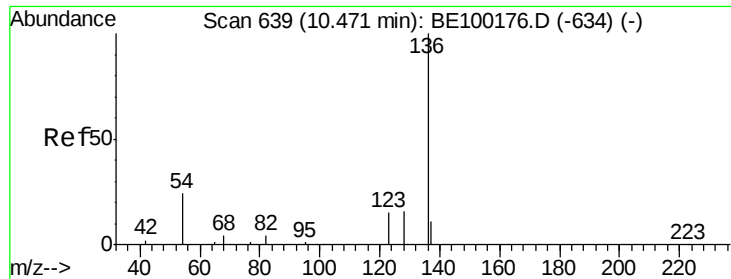


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: BE100190.D

Acq: 26 Jun 2019 12:07

Instrument :

BNA_E

ClientSampleId :

PB120704BSD

Tgt Ion: 136 Resp: 1958

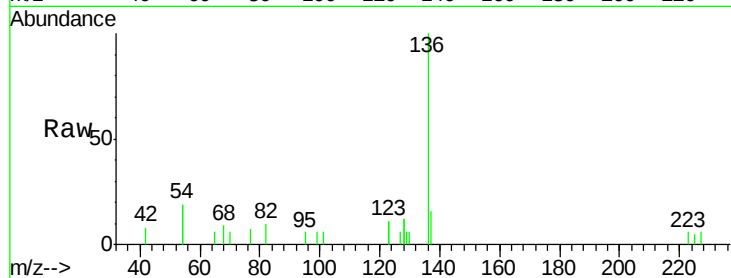
Ion Ratio Lower Upper

136 100

137 16.1 13.8 20.8

54 38.2 35.4 53.2

68 9.3 8.8 13.2

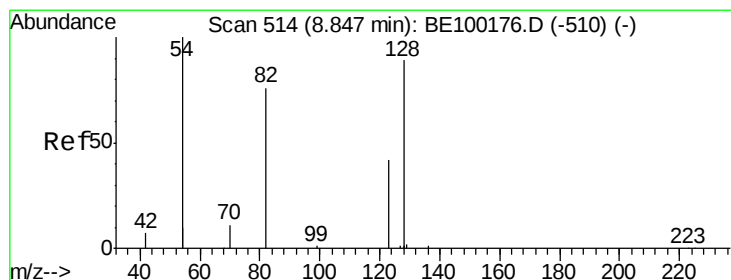
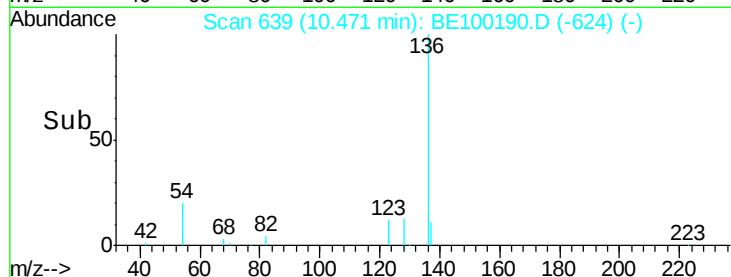
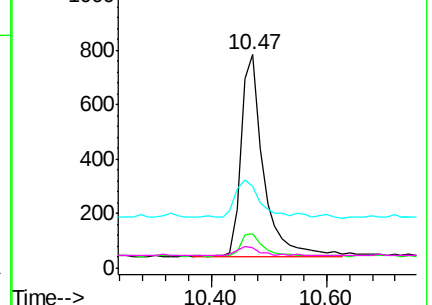


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.387 ng

RT: 8.85 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE100190.D

Acq: 26 Jun 2019 12:07

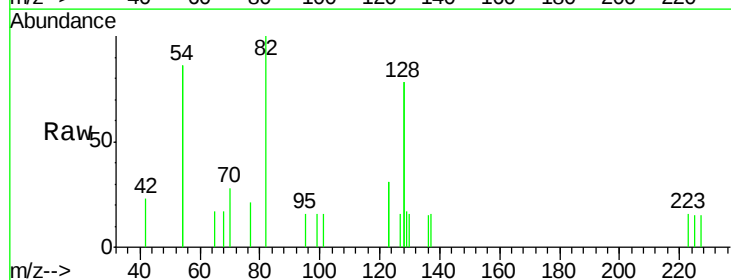
Tgt Ion: 82 Resp: 754

Ion Ratio Lower Upper

82 100

128 156.1 144.6 217.0

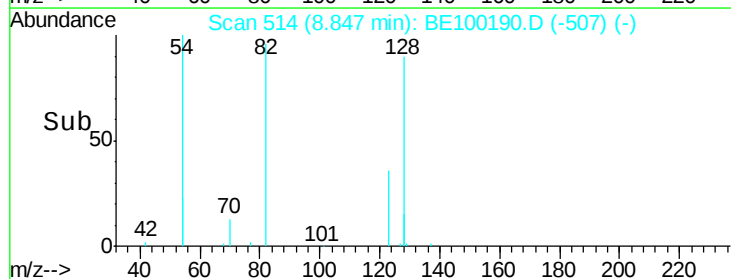
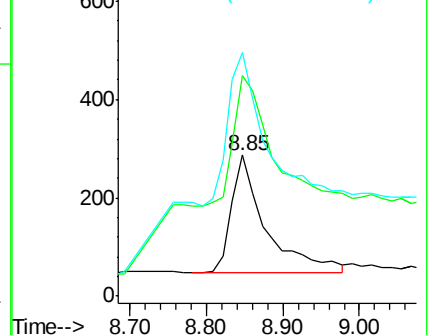
54 172.8 163.0 244.6

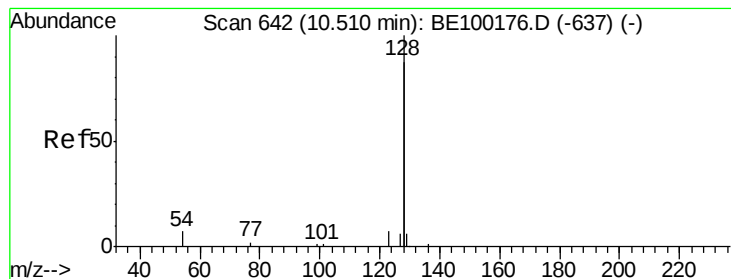


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.413 ng

RT: 10.51 min Scan# 642

Delta R.T. -0.00 min

Lab File: BE100190.D

Acq: 26 Jun 2019 12:07

Instrument :

BNA_E

ClientSampleId :

PB120704BSD

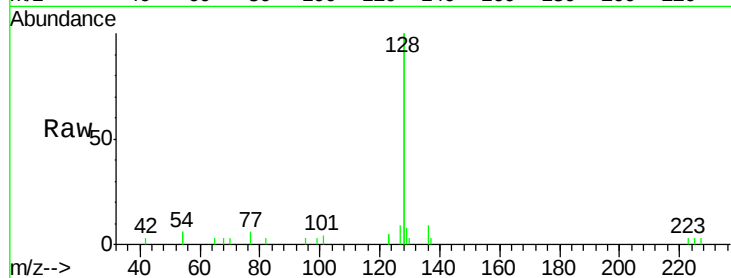
Tgt Ion:128 Resp: 8819

Ion Ratio Lower Upper

128 100

129 4.0 3.6 5.4

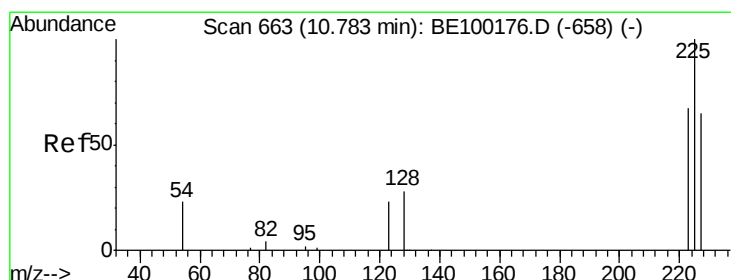
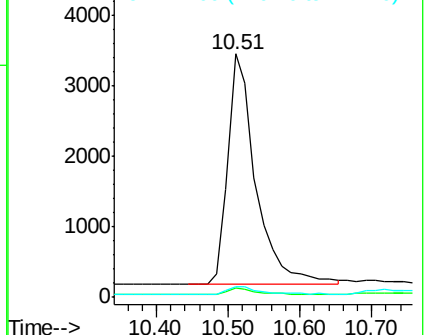
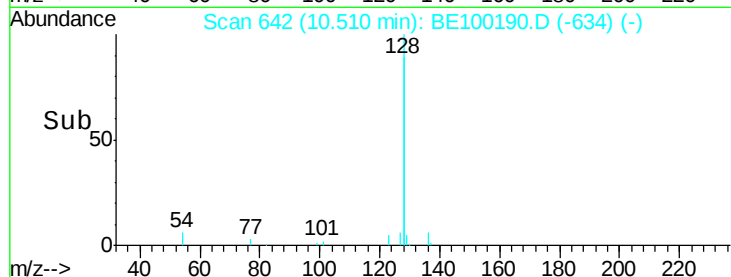
127 4.5 3.8 5.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.415 ng

RT: 10.78 min Scan# 663

Delta R.T. -0.00 min

Lab File: BE100190.D

Acq: 26 Jun 2019 12:07

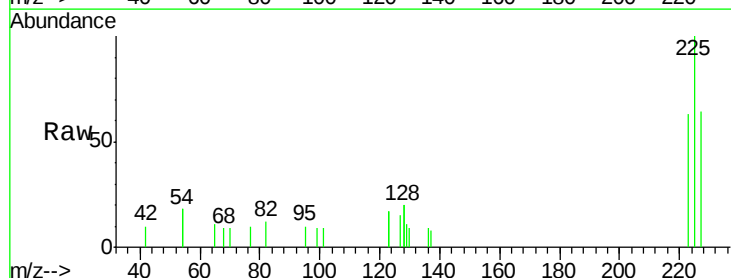
Tgt Ion:225 Resp: 915

Ion Ratio Lower Upper

225 100

223 60.5 50.1 75.1

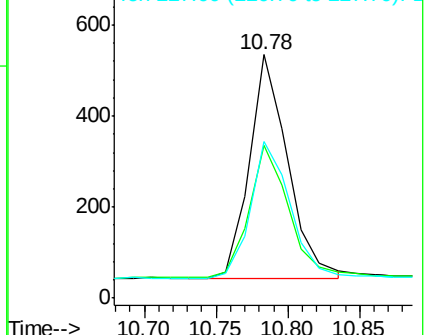
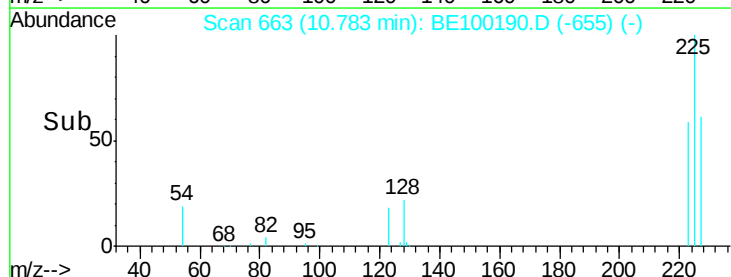
227 62.8 50.9 76.3

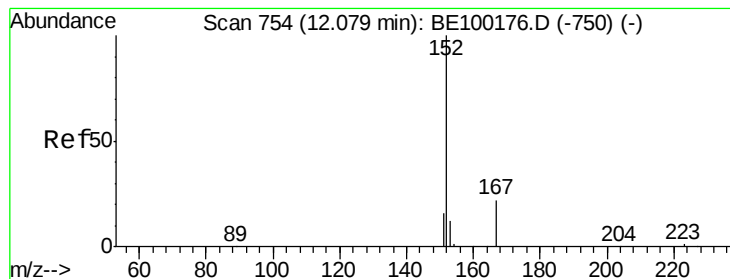


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.396 ng

RT: 12.08 min Scan# 754

Delta R.T. -0.00 min

Lab File: BE100190.D

Acq: 26 Jun 2019 12:07

Instrument :

BNA_E

ClientSampleId :

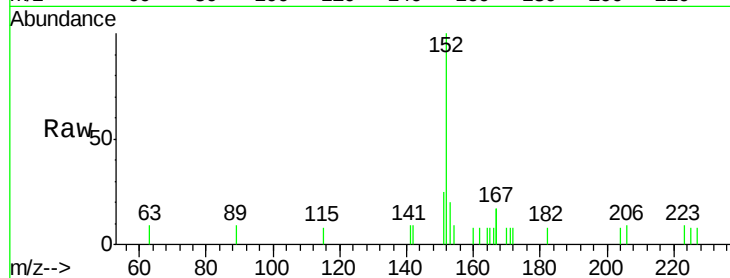
PB120704BSD

Tgt Ion:152 Resp: 1452

Ion Ratio Lower Upper

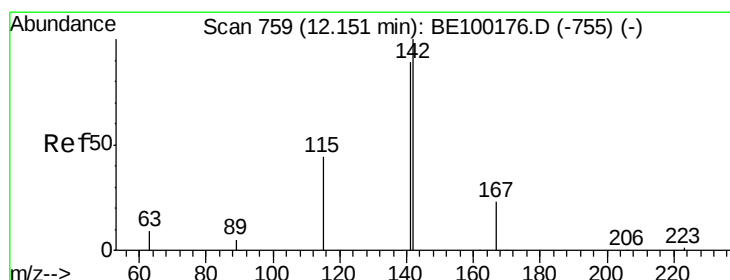
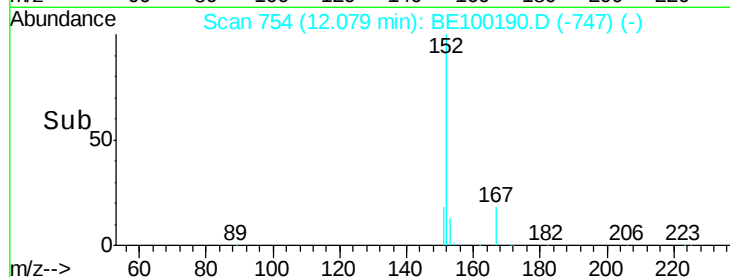
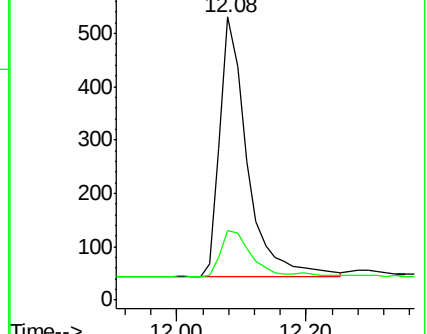
152 100

151 19.2 16.3 24.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.414 ng

RT: 12.15 min Scan# 759

Delta R.T. -0.00 min

Lab File: BE100190.D

Acq: 26 Jun 2019 12:07

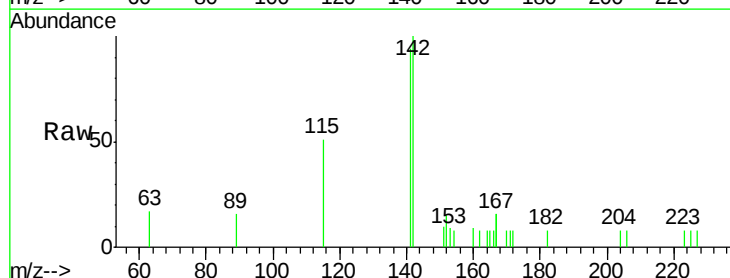
Tgt Ion:142 Resp: 1423

Ion Ratio Lower Upper

142 100

141 93.9 71.8 107.8

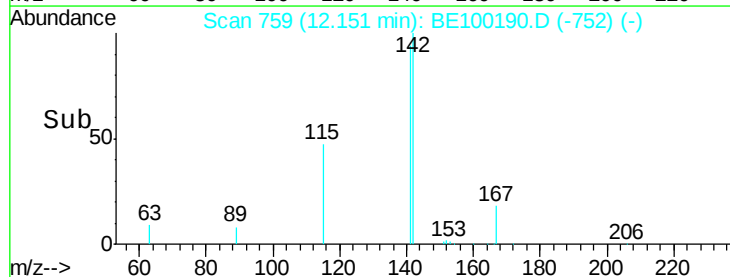
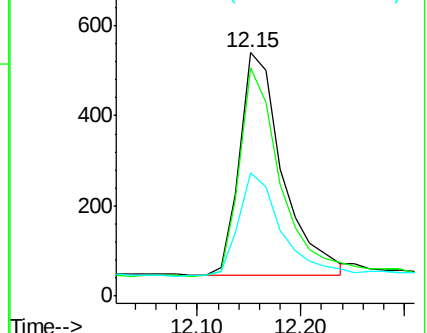
115 50.9 40.4 60.6

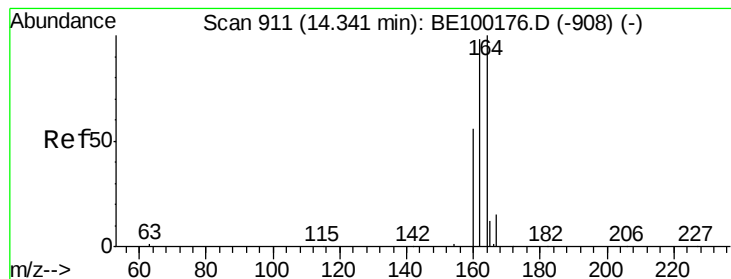


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 911

Delta R.T. -0.00 min

Lab File: BE100190.D

Acq: 26 Jun 2019 12:07

Instrument :

BNA_E

ClientSampleId :

PB120704BSD

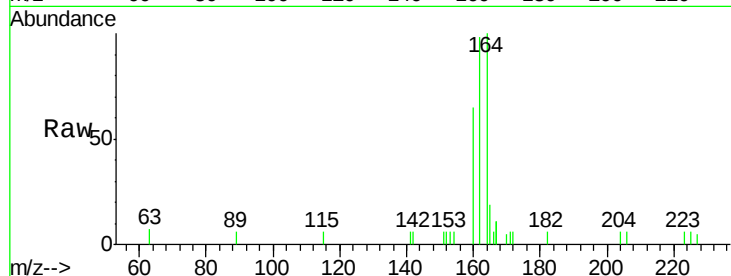
Tgt Ion:164 Resp: 1417

Ion Ratio Lower Upper

164 100

162 97.6 78.6 118.0

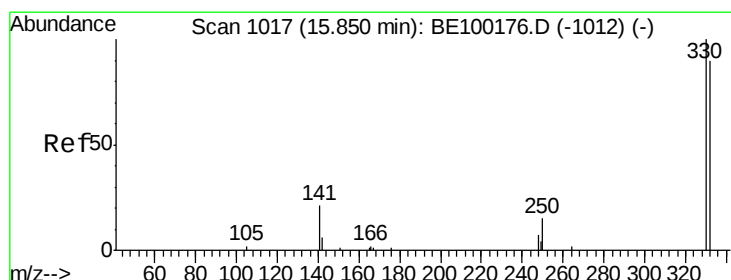
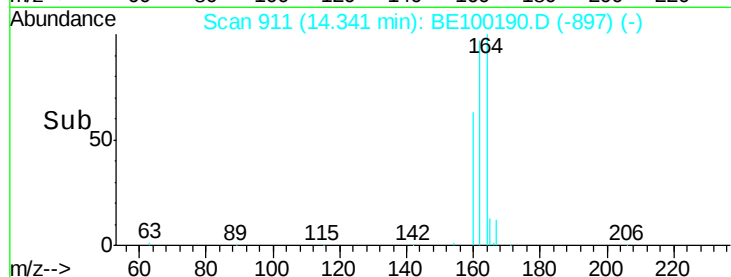
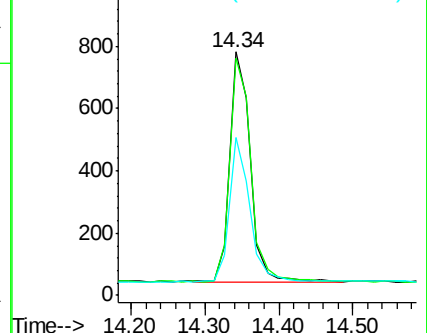
160 65.0 46.9 70.3



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: 0.407 ng

RT: 15.85 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BE100190.D

Acq: 26 Jun 2019 12:07

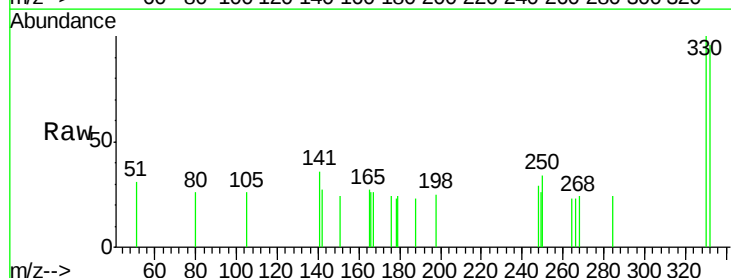
Tgt Ion:330 Resp: 334

Ion Ratio Lower Upper

330 100

332 97.0 77.7 116.5

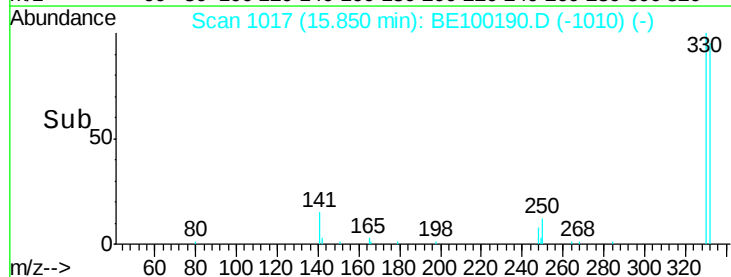
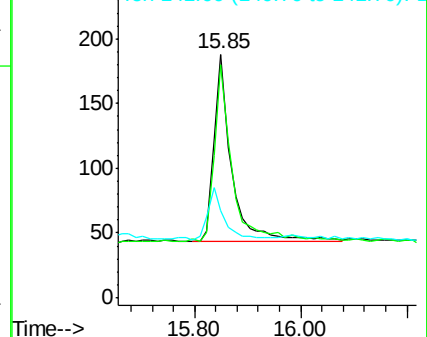
141 26.6 18.9 28.3

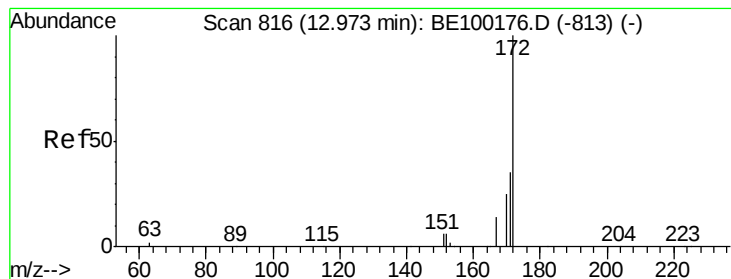


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.434 ng

RT: 12.97 min Scan# 816

Delta R.T. -0.00 min

Lab File: BE100190.D

Acq: 26 Jun 2019 12:07

Instrument :

BNA_E

ClientSampleId :

PB120704BSD

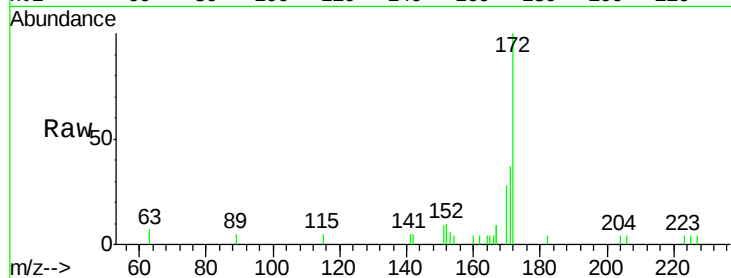
Tgt Ion:172 Resp: 2467

Ion Ratio Lower Upper

172 100

171 37.0 31.0 46.4

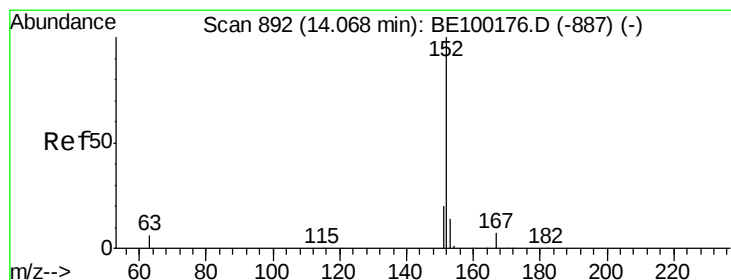
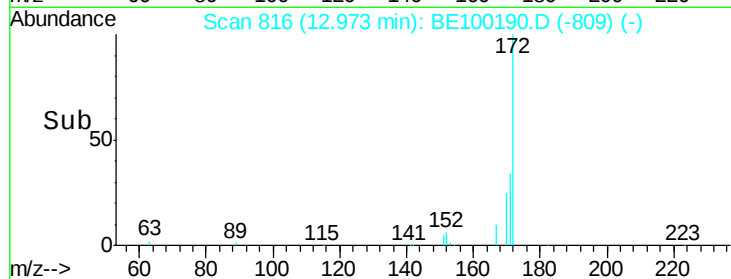
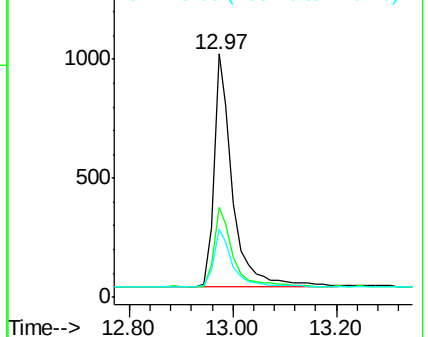
170 28.3 23.9 35.9



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: 0.435 ng

RT: 14.07 min Scan# 892

Delta R.T. -0.00 min

Lab File: BE100190.D

Acq: 26 Jun 2019 12:07

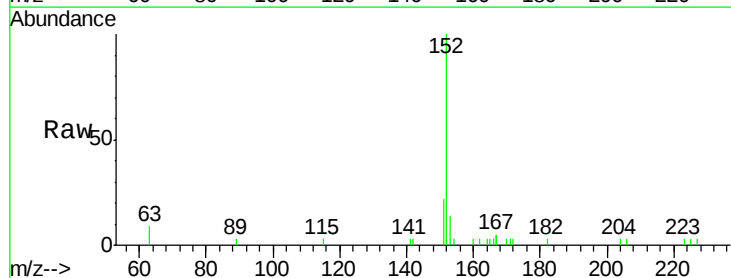
Tgt Ion:152 Resp: 3003

Ion Ratio Lower Upper

152 100

151 19.8 15.4 23.0

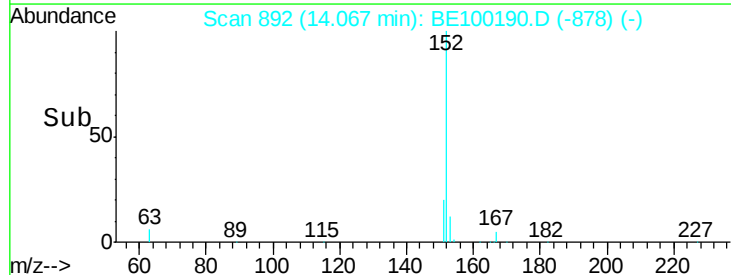
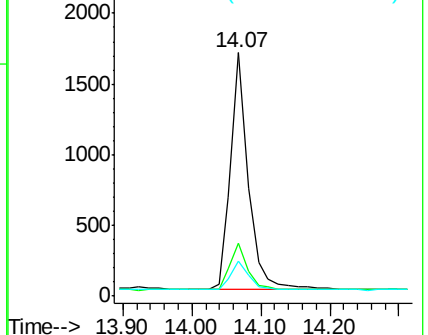
153 12.9 10.8 16.2

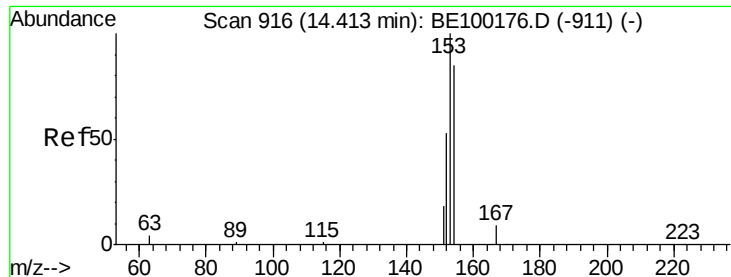


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

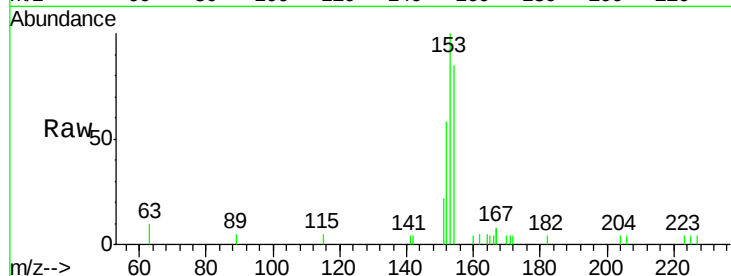




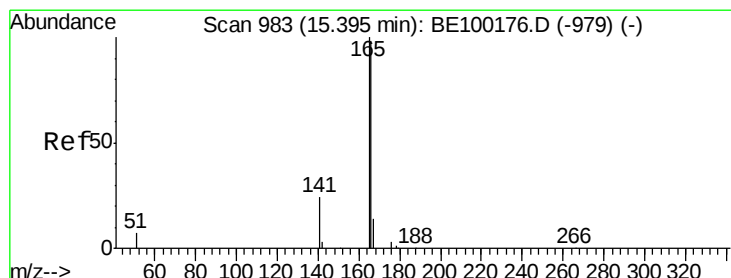
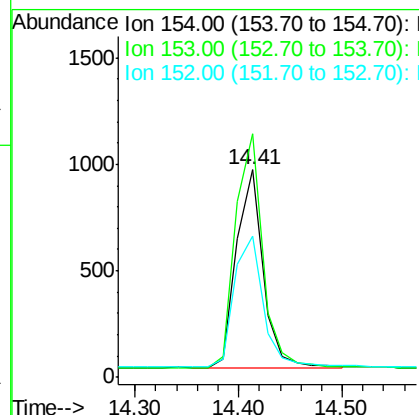
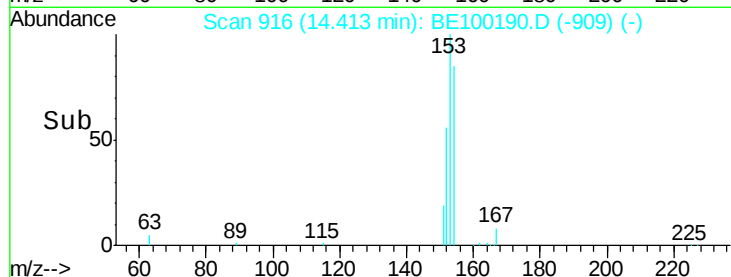
#17
Acenaphthene
Concen: 0.427 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.00 min
Lab File: BE100190.D
Acq: 26 Jun 2019 12:07

Instrument :
BNA_E
ClientSampleId :
PB120704BSD

Tgt Ion:154 Resp: 1655
Ion Ratio Lower Upper
154 100
153 120.8 95.3 142.9
152 71.7 52.9 79.3

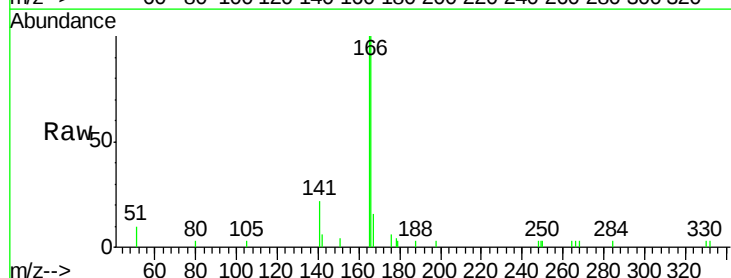


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

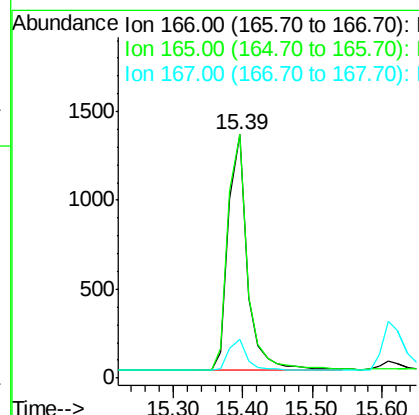
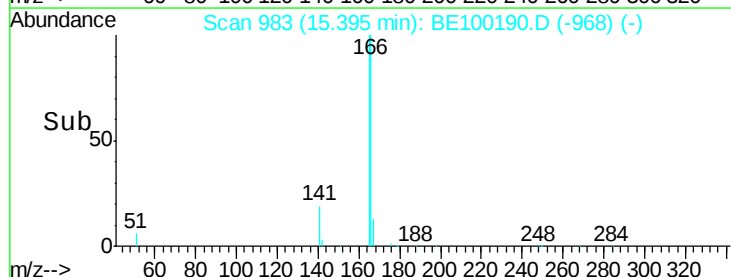


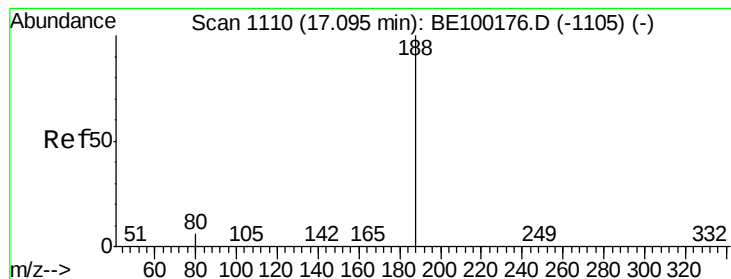
#18
Fluorene
Concen: 0.450 ng
RT: 15.39 min Scan# 983
Delta R.T. 0.00 min
Lab File: BE100190.D
Acq: 26 Jun 2019 12:07

Tgt Ion:166 Resp: 2520
Ion Ratio Lower Upper
166 100
165 102.3 81.0 121.4
167 13.3 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: 17.10 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BE100190.D

Acq: 26 Jun 2019 12:07

Instrument :

BNA_E

ClientSampleId :

PB120704BSD

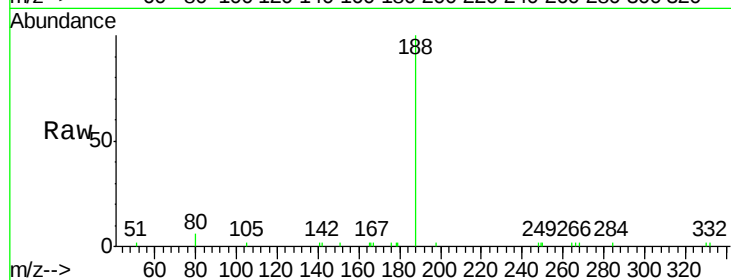
Tgt Ion:188 Resp: 4557

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

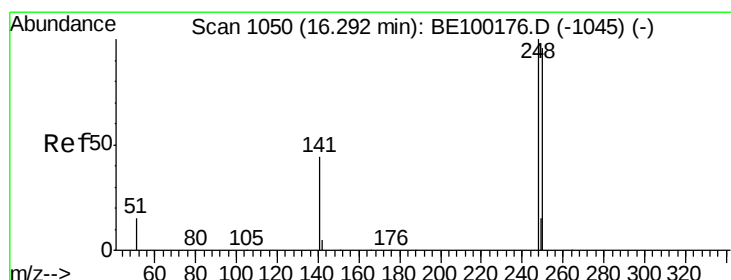
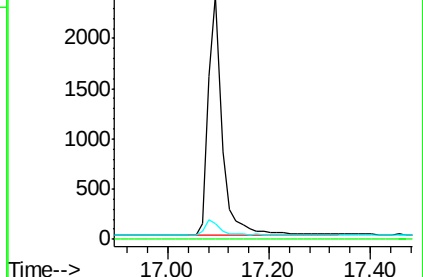
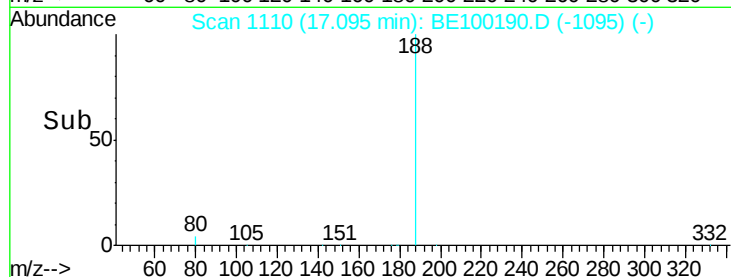
80 6.3 6.4 9.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.409 ng

RT: 16.29 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BE100190.D

Acq: 26 Jun 2019 12:07

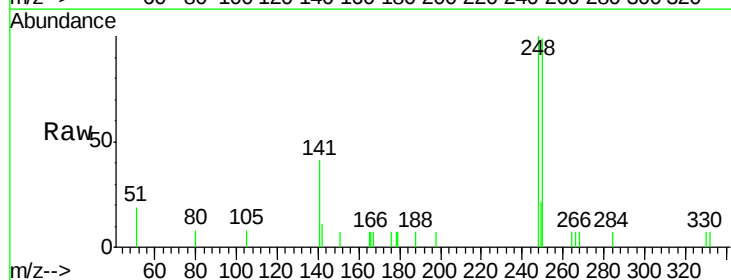
Tgt Ion:248 Resp: 1158

Ion Ratio Lower Upper

248 100

250 99.4 77.1 115.7

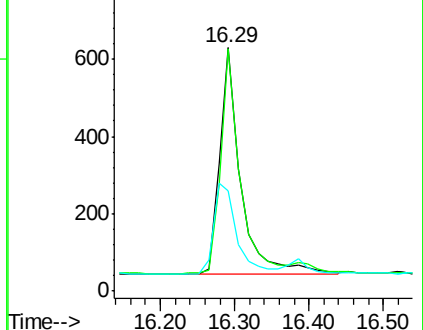
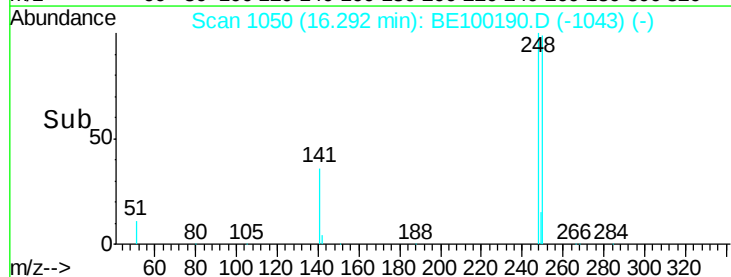
141 41.1 39.5 59.3

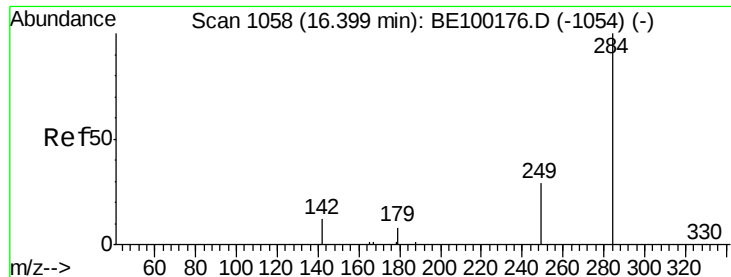


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.417 ng

RT: 16.40 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BE100190.D

Acq: 26 Jun 2019 12:07

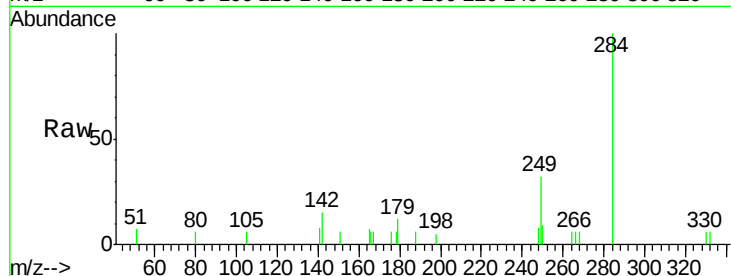
Instrument :

BNA_E

ClientSampleId :

PB120704BSD

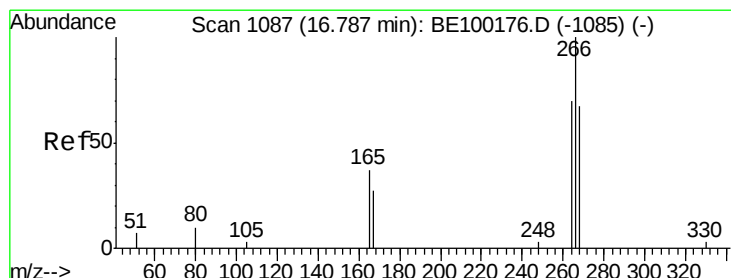
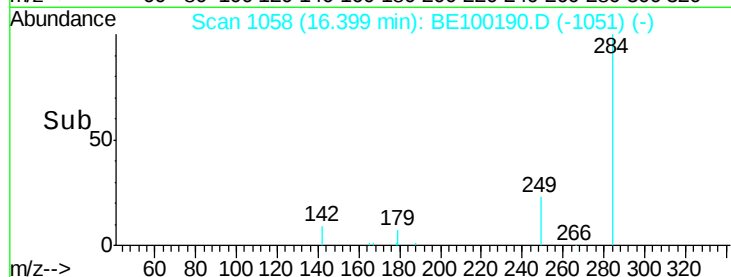
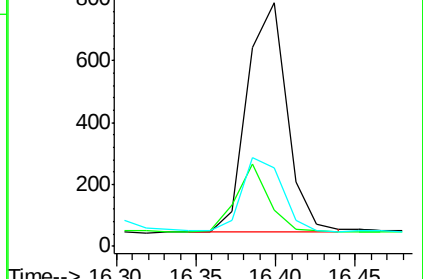
Tgt Ion:	284	Resp:	1294
Ion	Ratio	Lower	Upper
284	100		
142	25.3	20.1	30.1
249	32.5	26.2	39.4



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: 2.495 ng

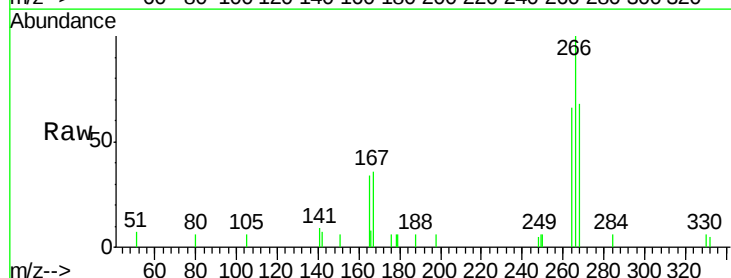
RT: 16.75 min Scan# 1084

Delta R.T. -0.04 min

Lab File: BE100190.D

Acq: 26 Jun 2019 12:07

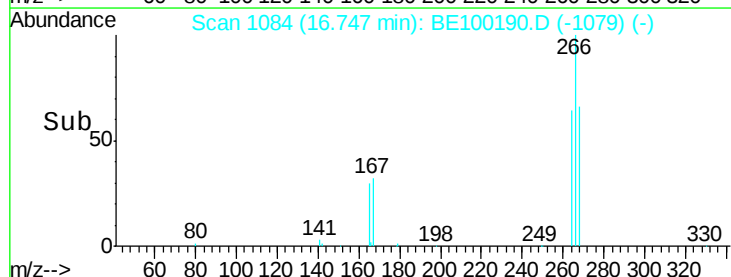
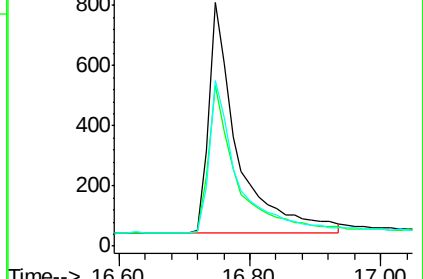
Tgt Ion:	266	Resp:	2324
Ion	Ratio	Lower	Upper
266	100		
264	66.0	67.7	101.5#
268	67.8	69.8	104.6#

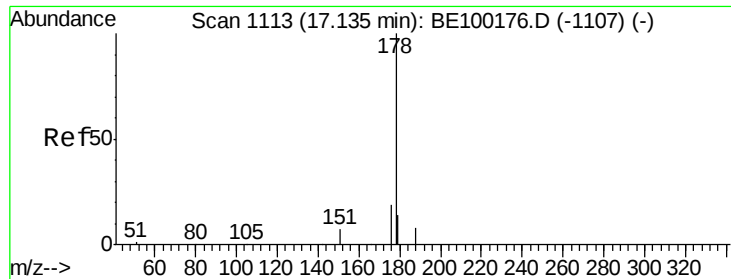


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

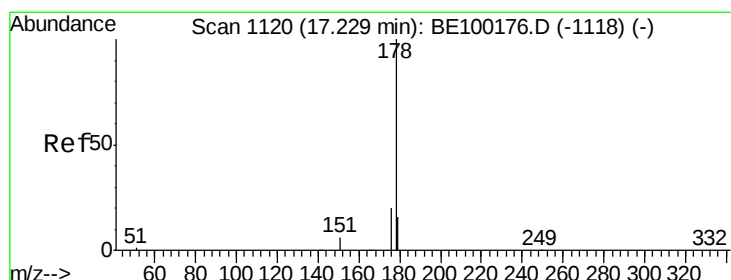
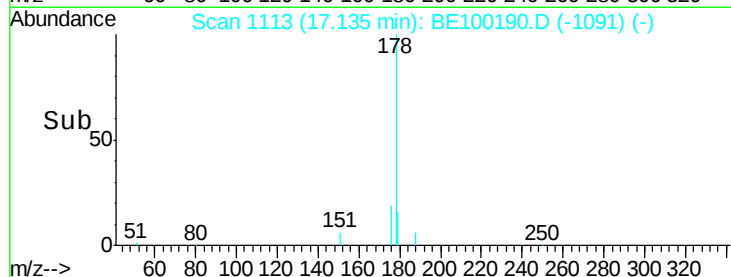
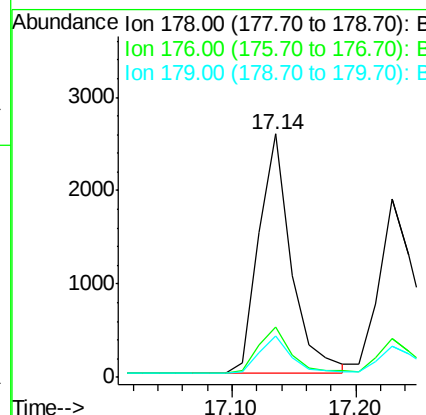
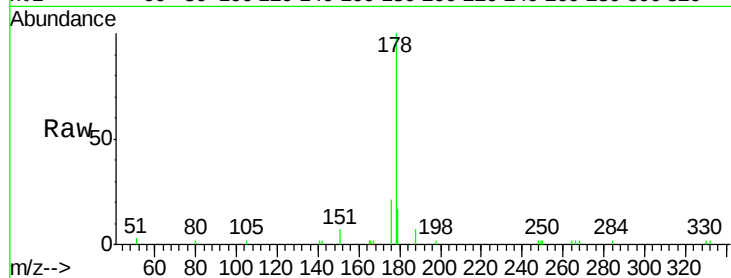




#23
Phenanthrene
Concen: 0.431 ng
RT: 17.14 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE100190.D
Acq: 26 Jun 2019 12:07

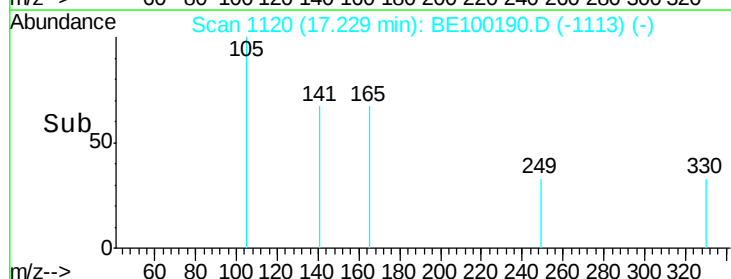
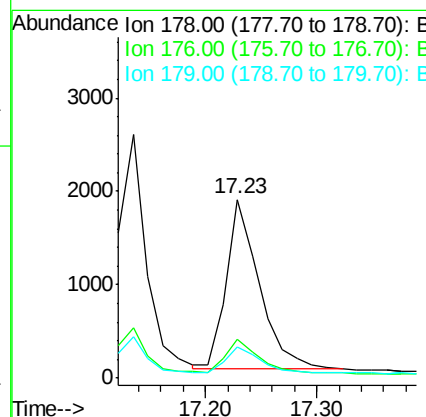
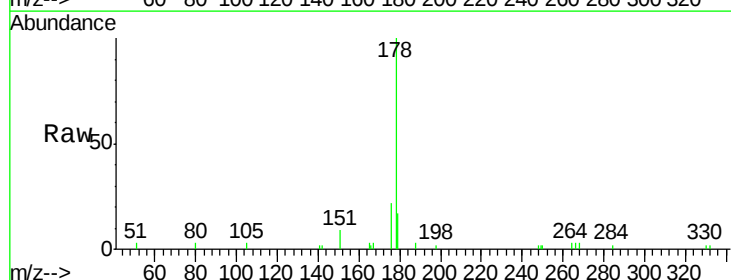
Instrument :
BNA_E
ClientSampleId :
PB120704BSD

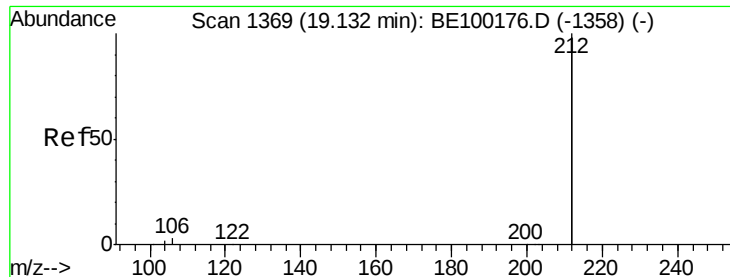
Tgt Ion:178 Resp: 4652
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.7 12.2 18.2



#24
Anthracene
Concen: 0.409 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE100190.D
Acq: 26 Jun 2019 12:07

Tgt Ion:178 Resp: 3728
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.9 12.9 19.3





#25

Fluoranthene-d10

Concen: 0.379 ng

RT: 19.13 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE100190.D

Acq: 26 Jun 2019 12:07

Instrument :

BNA_E

ClientSampleId :

PB120704BSD

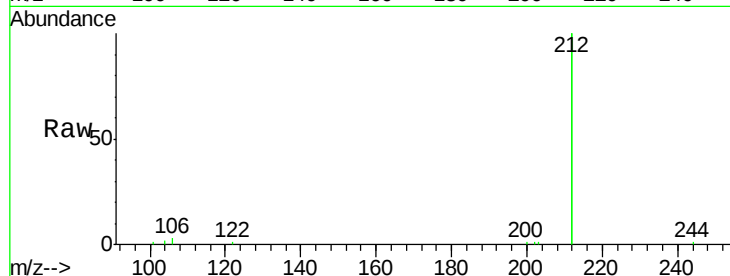
Tgt Ion:212 Resp: 24912

Ion Ratio Lower Upper

212 100

106 1.5 1.3 1.9

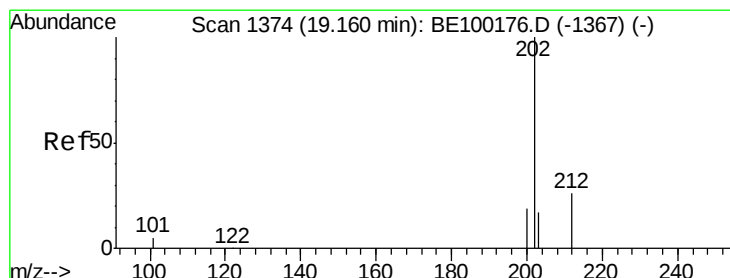
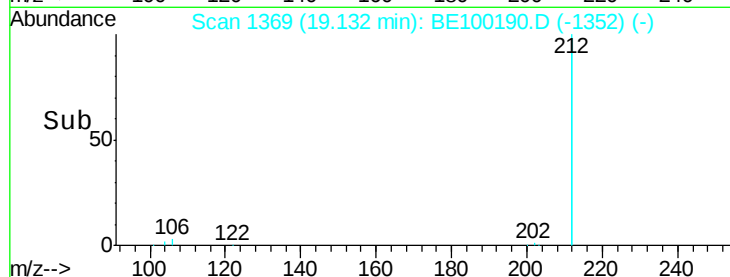
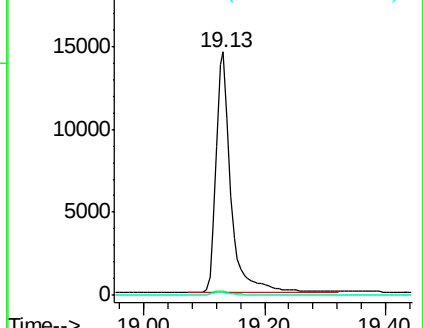
104 0.9 0.7 1.1



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.413 ng

RT: 19.16 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE100190.D

Acq: 26 Jun 2019 12:07

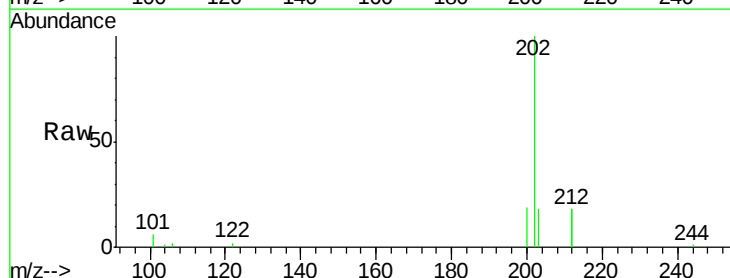
Tgt Ion:202 Resp: 7244

Ion Ratio Lower Upper

202 100

101 5.4 4.5 6.7

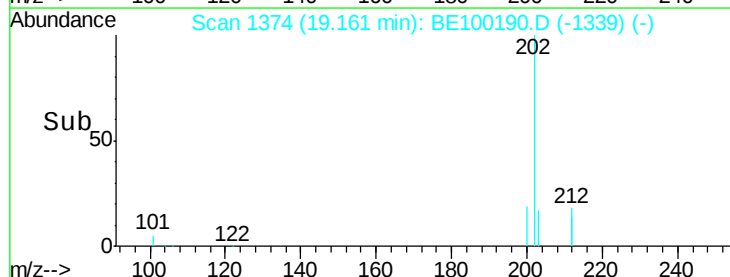
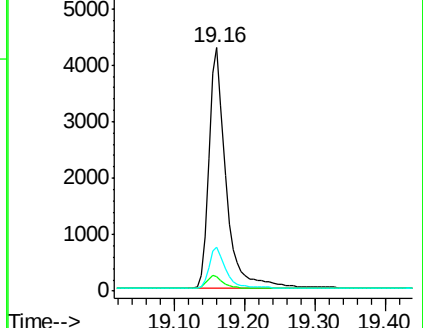
203 17.0 13.7 20.5

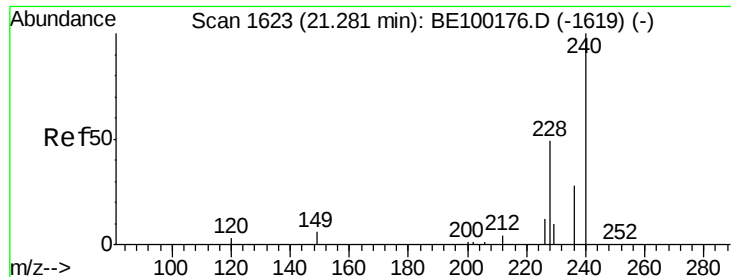


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

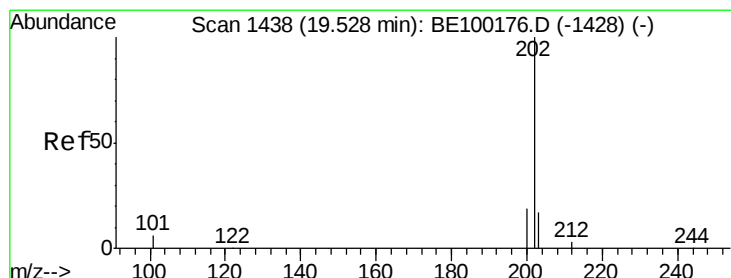
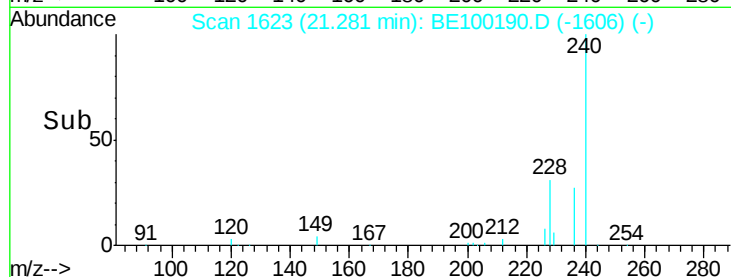
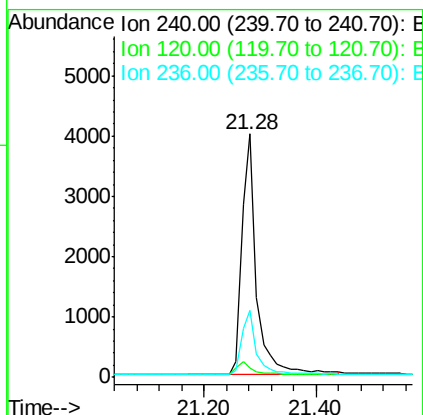
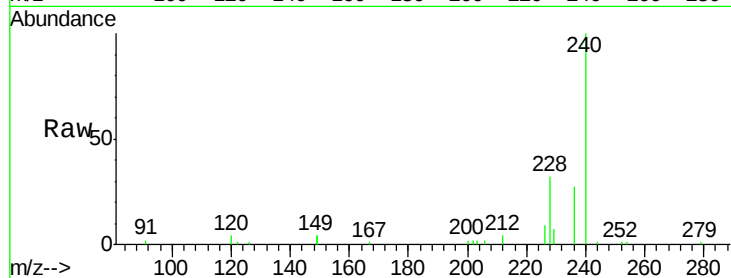




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.28 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BE100190.D
 Acq: 26 Jun 2019 12:07

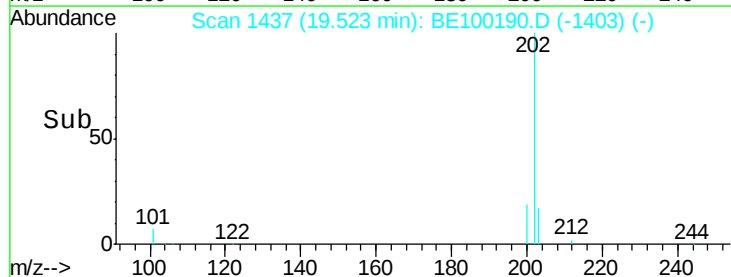
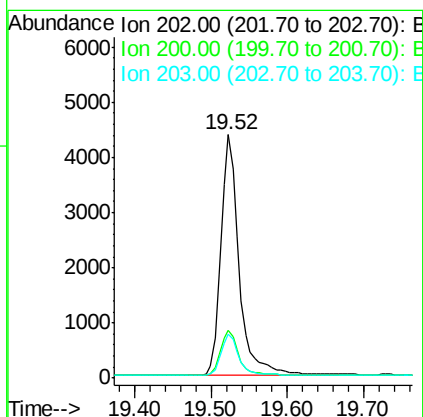
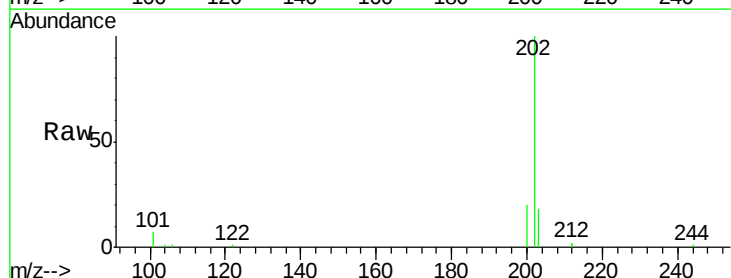
Instrument :
 BNA_E
 ClientSampleId :
 PB120704BSD

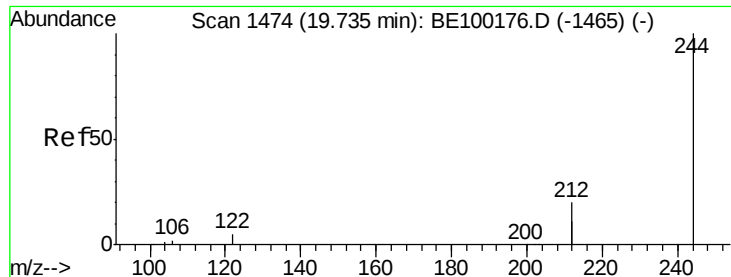
Tgt Ion:240 Resp: 7220
 Ion Ratio Lower Upper
 240 100
 120 3.8 4.1 6.1#
 236 27.4 23.0 34.6



#28
 Pyrene
 Concen: 0.392 ng
 RT: 19.52 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BE100190.D
 Acq: 26 Jun 2019 12:07

Tgt Ion:202 Resp: 7239
 Ion Ratio Lower Upper
 202 100
 200 19.1 15.5 23.3
 203 17.1 13.9 20.9





#29

Terphenyl-d14

Concen: 0.352 ng

RT: 19.74 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BE100190.D

Acq: 26 Jun 2019 12:07

Instrument :

BNA_E

ClientSampleId :

PB120704BSD

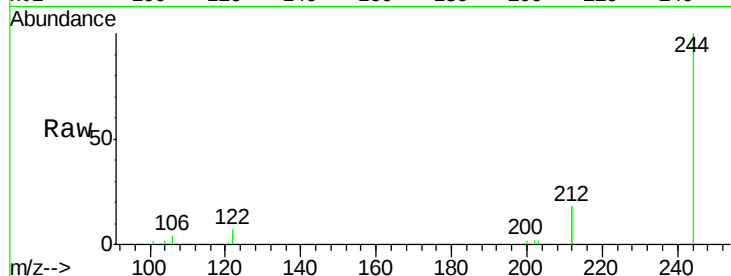
Tgt Ion:244 Resp: 4996

Ion Ratio Lower Upper

244 100

212 36.5 30.7 46.1

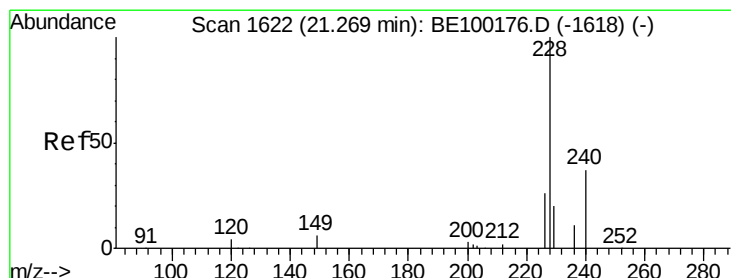
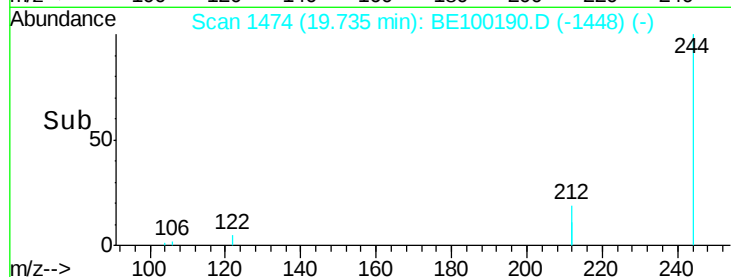
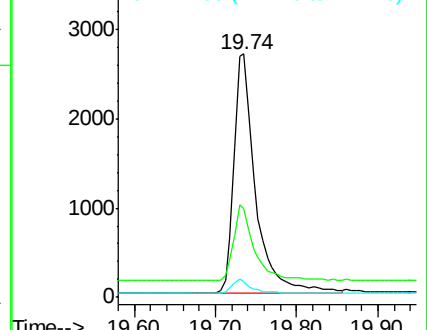
122 6.6 5.8 8.6



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: 0.385 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BE100190.D

Acq: 26 Jun 2019 12:07

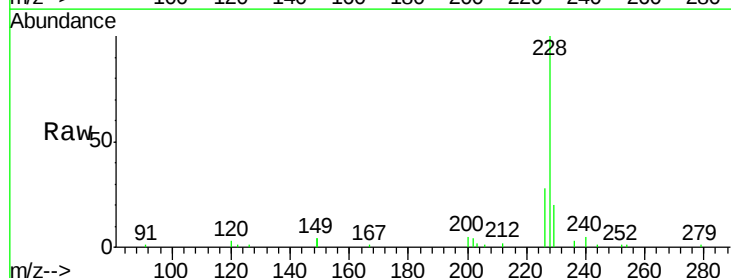
Tgt Ion:228 Resp: 8190

Ion Ratio Lower Upper

228 100

226 28.4 21.5 32.3

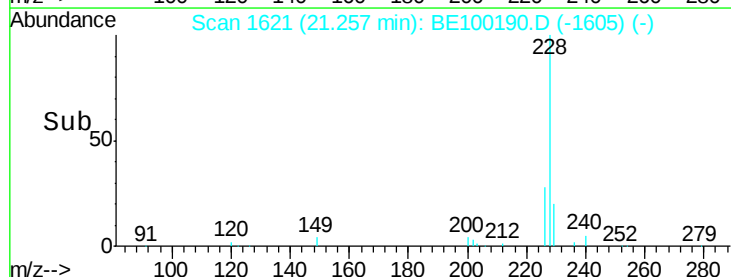
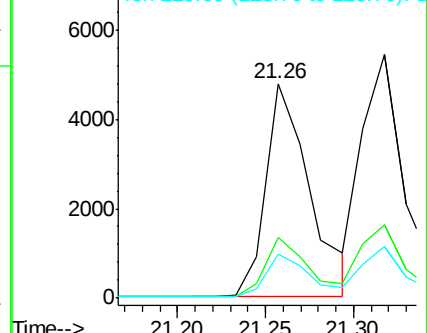
229 20.4 17.2 25.8

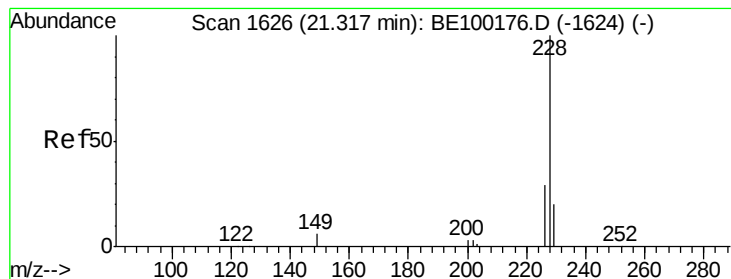


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.364 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE100190.D

Acq: 26 Jun 2019 12:07

Instrument :

BNA_E

ClientSampleId :

PB120704BSD

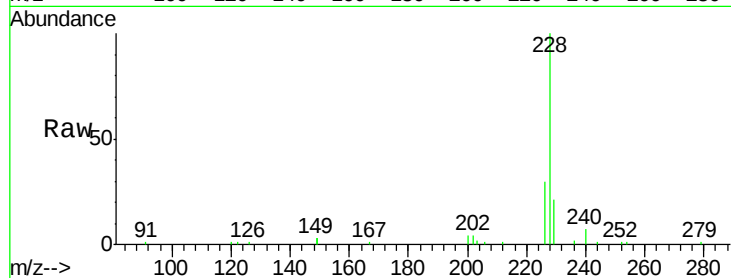
Tgt Ion:228 Resp: 9079

Ion Ratio Lower Upper

228 100

226 30.1 23.7 35.5

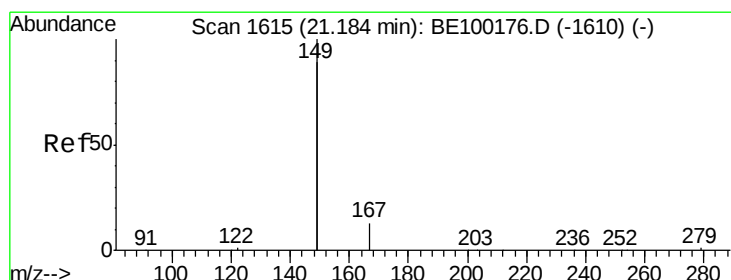
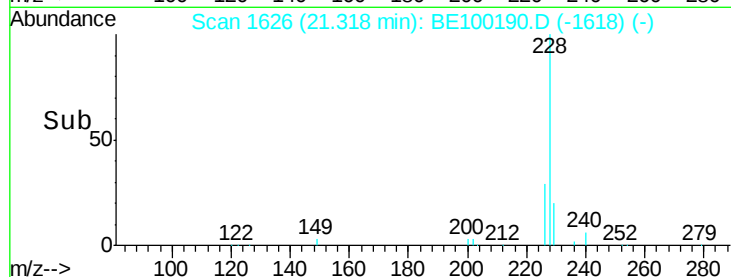
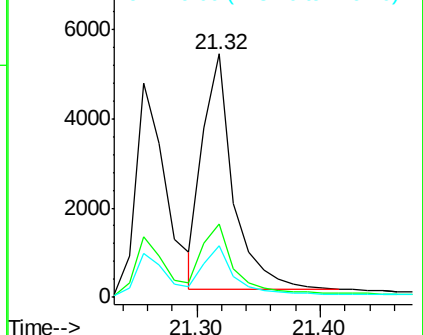
229 21.1 16.5 24.7



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: 0.273 ng

RT: 21.18 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BE100190.D

Acq: 26 Jun 2019 12:07

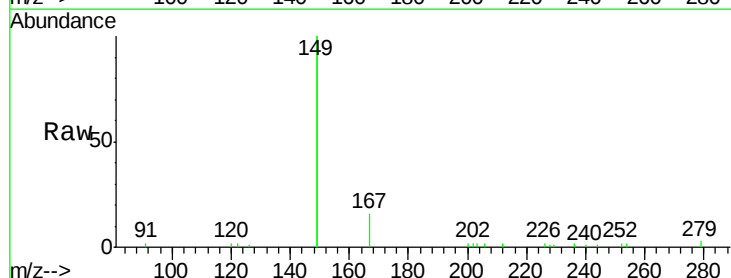
Tgt Ion:149 Resp: 6682

Ion Ratio Lower Upper

149 100

167 7.3 5.9 8.9

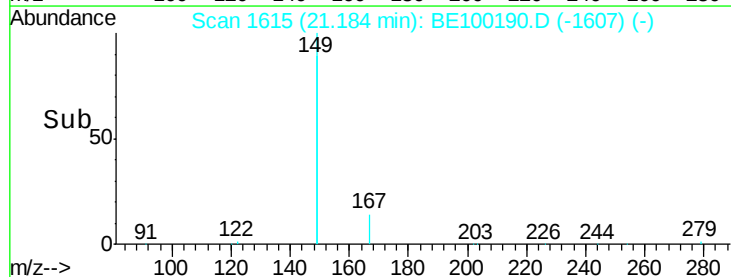
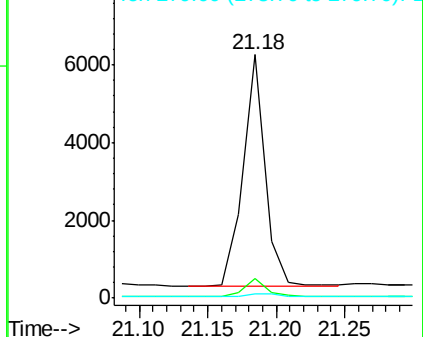
279 1.4 1.0 1.6

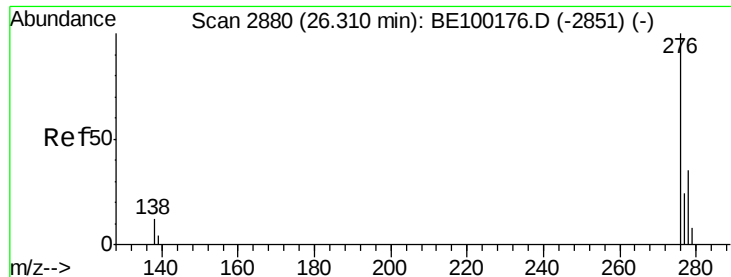


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.338 ng

RT: 26.30 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BE100190.D

Acq: 26 Jun 2019 12:07

Instrument :

BNA_E

ClientSampleId :

PB120704BSD

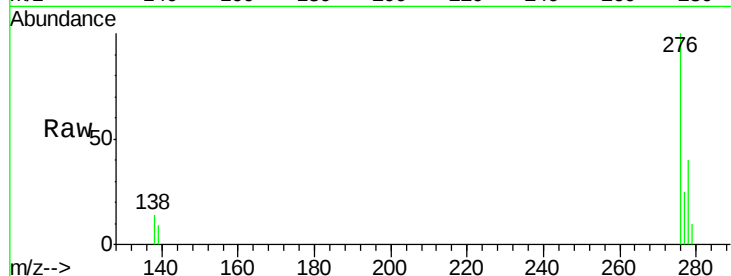
Tgt Ion:276 Resp: 12026

Ion Ratio Lower Upper

276 100

138 13.1 3.7 5.5#

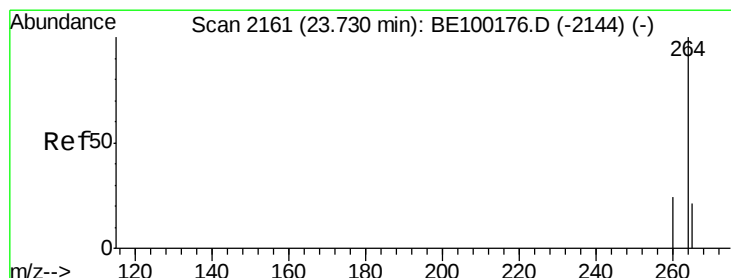
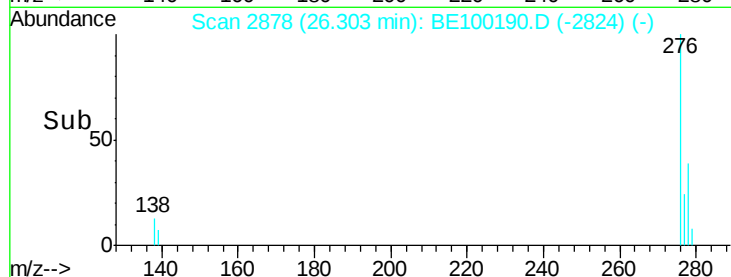
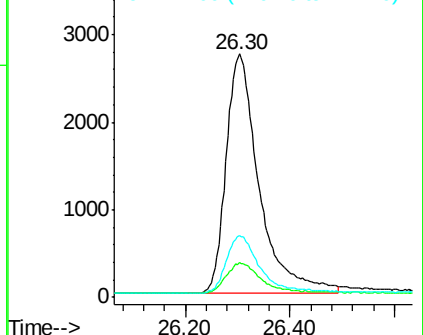
277 23.7 18.7 28.1



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: 23.72 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BE100190.D

Acq: 26 Jun 2019 12:07

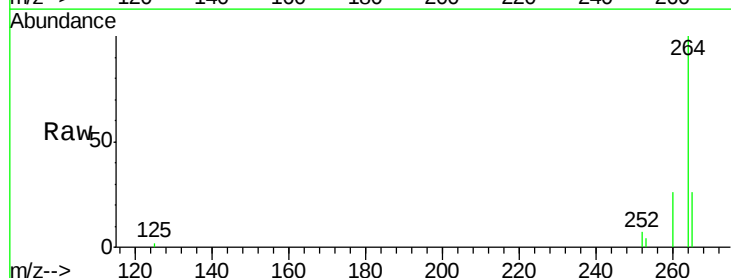
Tgt Ion:264 Resp: 7965

Ion Ratio Lower Upper

264 100

260 25.7 20.4 30.6

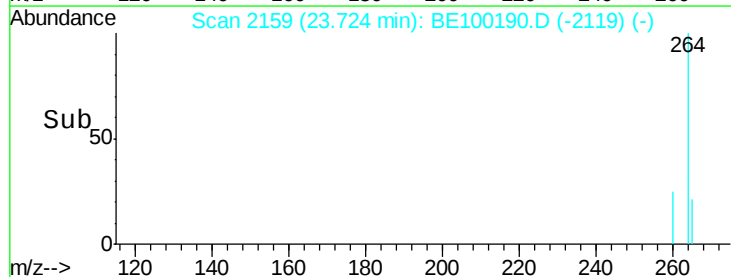
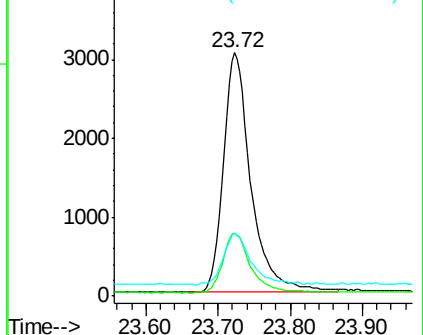
265 25.8 22.5 33.7

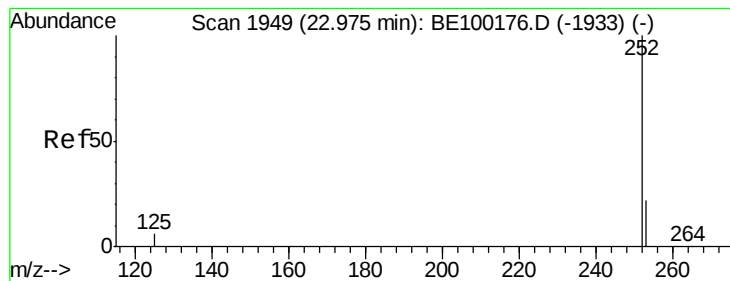


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.438 ng

RT: 22.97 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BE100190.D

Acq: 26 Jun 2019 12:07

Instrument :

BNA_E

ClientSampleId :

PB120704BSD

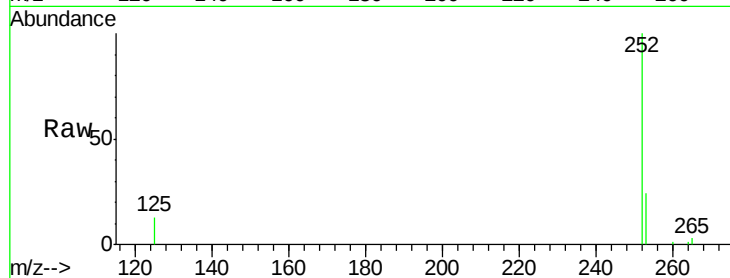
Tgt Ion:252 Resp: 9375

Ion Ratio Lower Upper

252 100

253 23.8 19.0 28.4

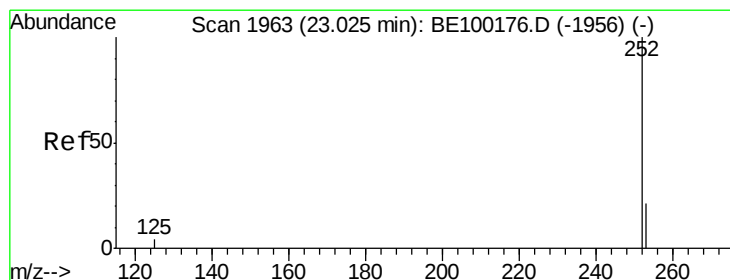
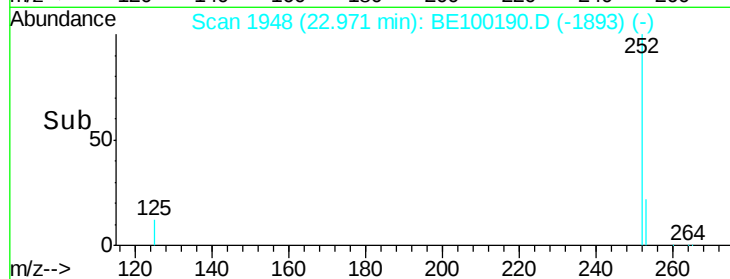
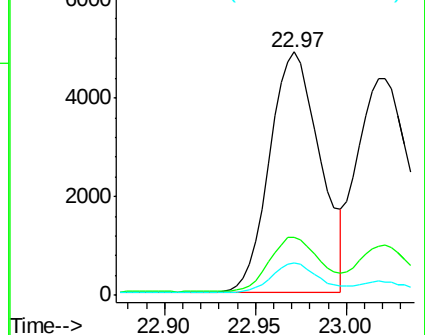
125 13.4 6.3 9.5#



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: 0.402 ng

RT: 23.02 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BE100190.D

Acq: 26 Jun 2019 12:07

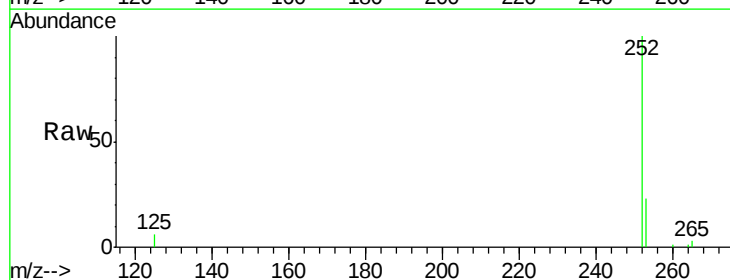
Tgt Ion:252 Resp: 10313

Ion Ratio Lower Upper

252 100

253 23.4 18.4 27.6

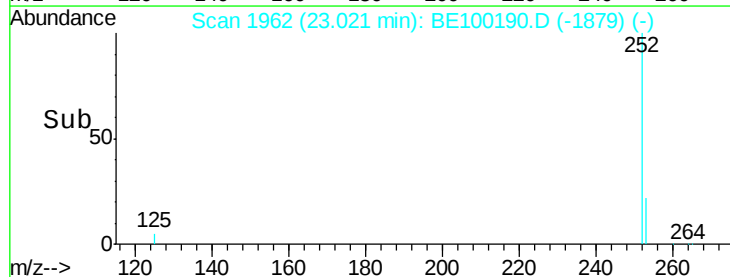
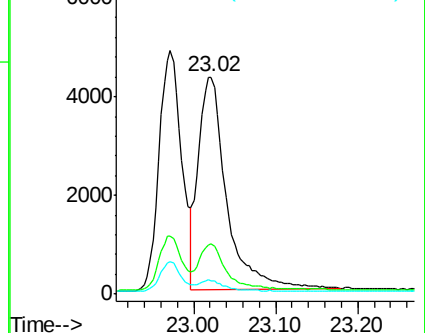
125 6.2 5.0 7.4

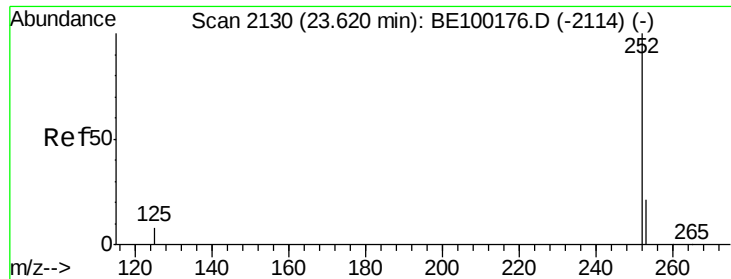


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.429 ng

RT: 23.61 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BE100190.D

Acq: 26 Jun 2019 12:07

Instrument :

BNA_E

ClientSampleId :

PB120704BSD

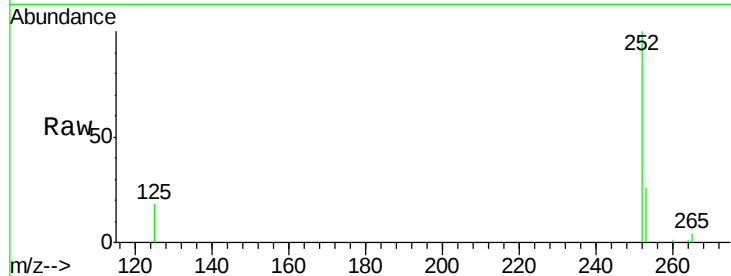
Tgt Ion:252 Resp: 9517

Ion Ratio Lower Upper

252 100

253 25.8 19.2 28.8

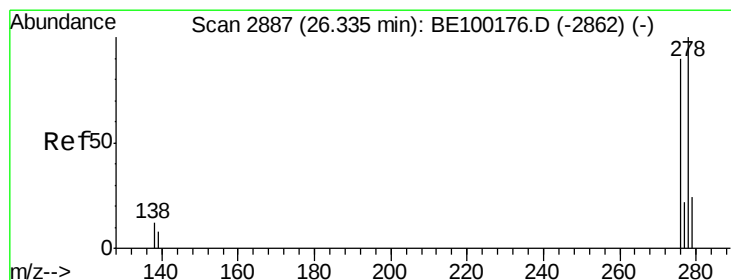
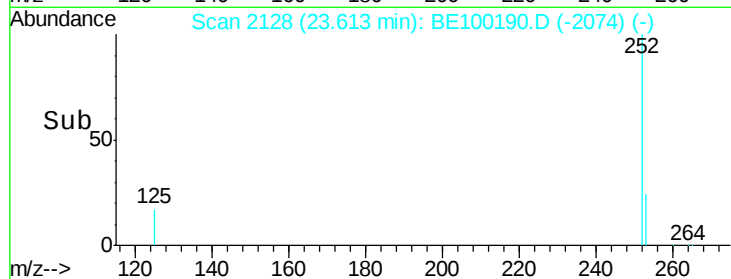
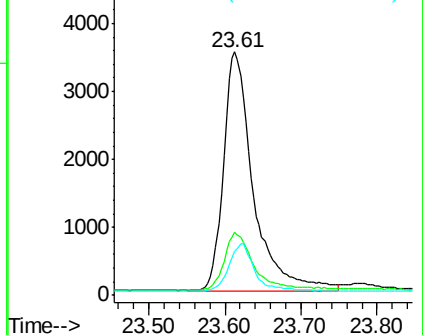
125 18.2 8.2 12.2#



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: 0.399 ng

RT: 26.33 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BE100190.D

Acq: 26 Jun 2019 12:07

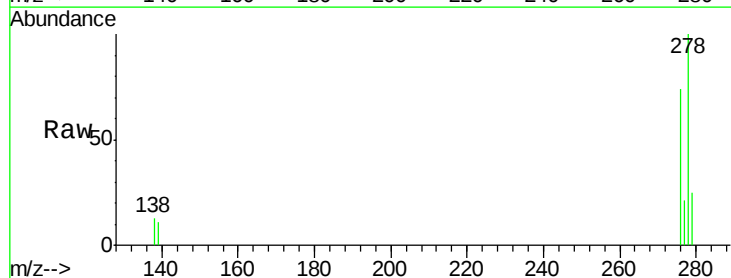
Tgt Ion:278 Resp: 9463

Ion Ratio Lower Upper

278 100

139 10.9 9.0 13.4

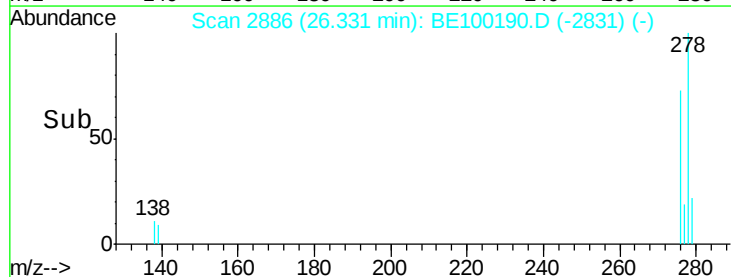
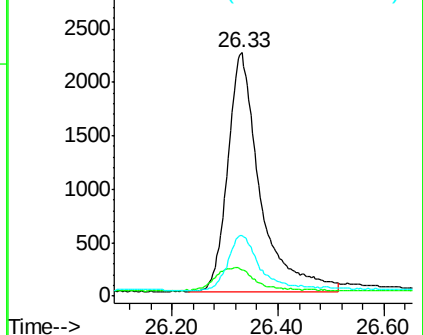
279 24.6 21.1 31.7

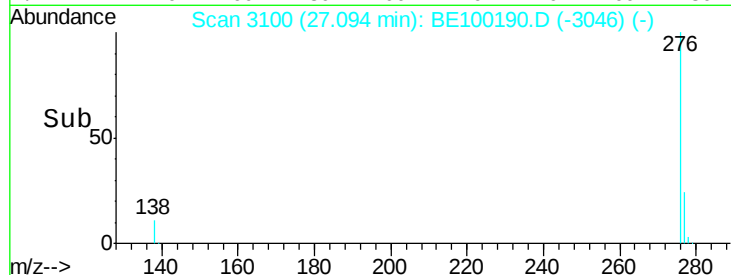
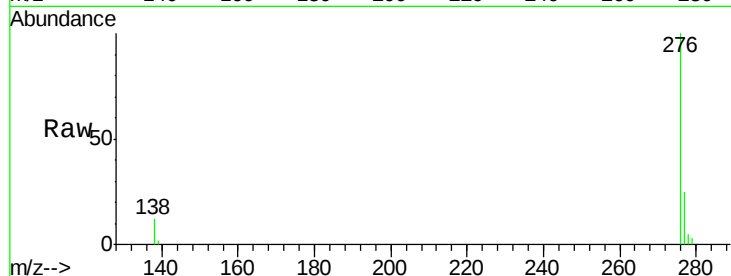
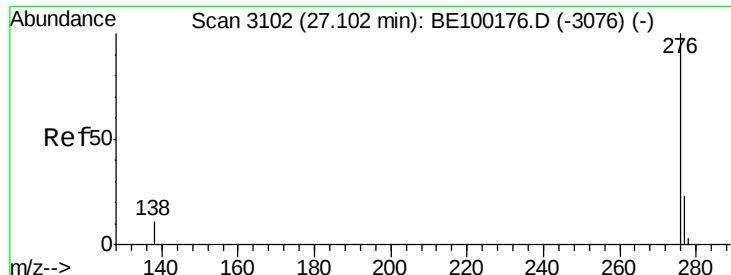


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.376 ng

RT: 27.09 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BE100190.D

Acq: 26 Jun 2019 12:07

Instrument :

BNA_E

ClientSampleId :

PB120704BSD

Tgt Ion: 276 Resp: 9320

Ion Ratio Lower Upper

276 100

277 25.4 19.8 29.6

138 12.4 10.2 15.4

