

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062619\
 Data File : BE100192.D
 Acq On : 26 Jun 2019 13:18
 Operator : JU/SJ
 Sample : PB120737BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120737BSD

Quant Time: Jun 27 04:43:52 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	578	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	1979	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	1520	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	4599	0.40	ng	0.00
27) Chrysene-d12	21.28	240	7446	0.40	ng	0.00
34) Perylene-d12	23.72	264	8216	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.24	112	538	0.42	ng	0.00
5) Phenol-d6	6.86	99	717	0.41	ng	-0.01
8) Nitrobenzene-d5	8.85	82	765	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	1458	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	345	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	2581	0.42	ng	0.00
25) Fluoranthene-d10	19.13	212	25867	0.39	ng	0.00
29) Terphenyl-d14	19.73	244	5243	0.36	ng	0.00

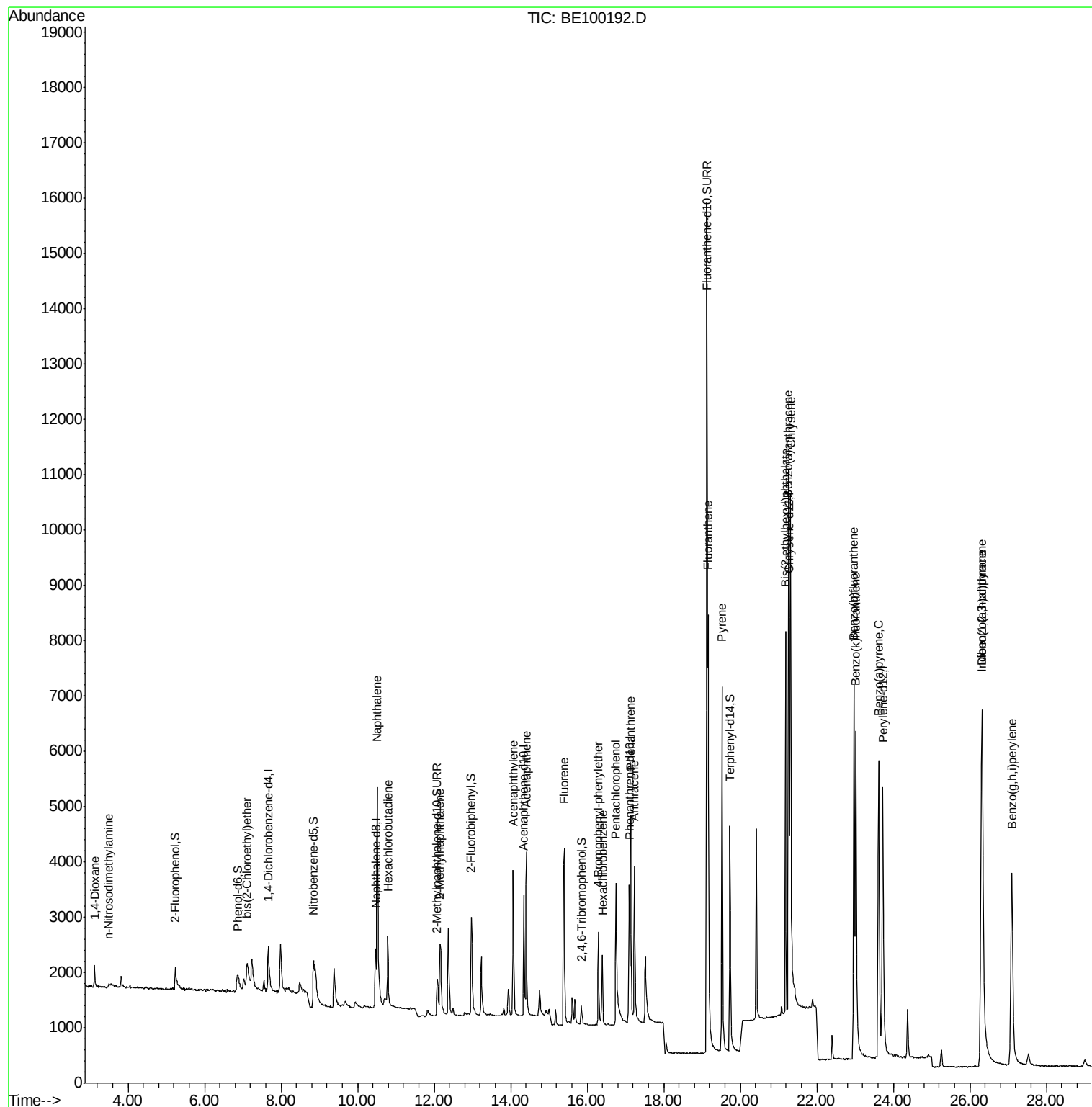
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.12	88	354	0.391	ng	99
3) n-Nitrosodimethylamine	3.50	42	98	0.293	ng	# 1
6) bis(2-Chloroethyl)ether	7.11	93	623	0.385	ng	# 90
9) Naphthalene	10.51	128	9242	0.428	ng	98
10) Hexachlorobutadiene	10.78	225	941	0.422	ng	99
12) 2-Methylnaphthalene	12.15	142	1437	0.413	ng	94
16) Acenaphthylene	14.07	152	3230	0.436	ng	98
17) Acenaphthene	14.41	154	1664	0.401	ng	94
18) Fluorene	15.39	166	2571	0.428	ng	100
20) 4-Bromophenyl-phenylether	16.29	248	1192	0.418	ng	# 92
21) Hexachlorobenzene	16.40	284	1324	0.423	ng	97
22) Pentachlorophenol	16.75	266	2524	2.664	ng	# 77
23) Phenanthrene	17.13	178	4715	0.433	ng	99
24) Anthracene	17.23	178	3901	0.424	ng	98
26) Fluoranthene	19.16	202	7498	0.423	ng	100
28) Pyrene	19.52	202	7555	0.396	ng	100
30) Benzo(a)anthracene	21.26	228	8607	0.392	ng	97
31) Chrysene	21.32	228	9523	0.370	ng	100
32) Bis(2-ethylhexyl)phthalate	21.18	149	7124	0.282	ng	99
33) Indeno(1,2,3-cd)pyrene	26.31	276	12046	0.329	ng	# 93
35) Benzo(b)fluoranthene	22.97	252	9658	0.437	ng	# 93
36) Benzo(k)fluoranthene	23.02	252	10725	0.406	ng	100
37) Benzo(a)pyrene	23.61	252	9844	0.430	ng	# 88
38) Dibenzo(a,h)anthracene	26.33	278	9142	0.373	ng	99
39) Benzo(g,h,i)perylene	27.10	276	9883	0.386	ng	98

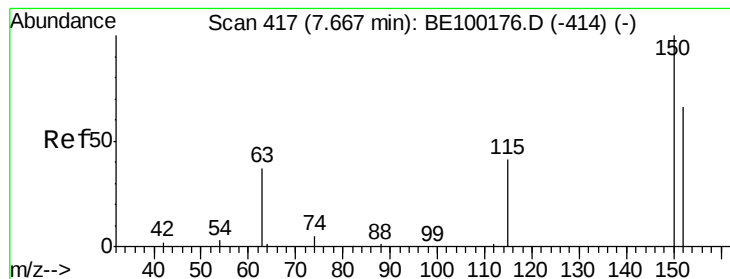
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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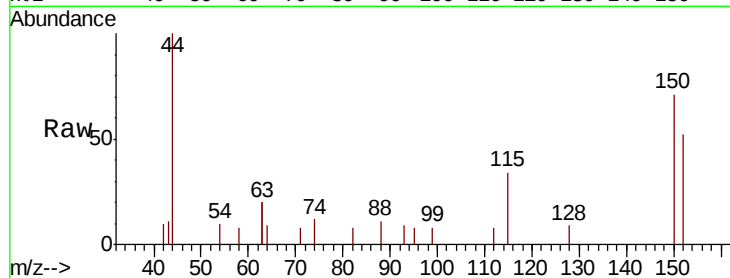


#1

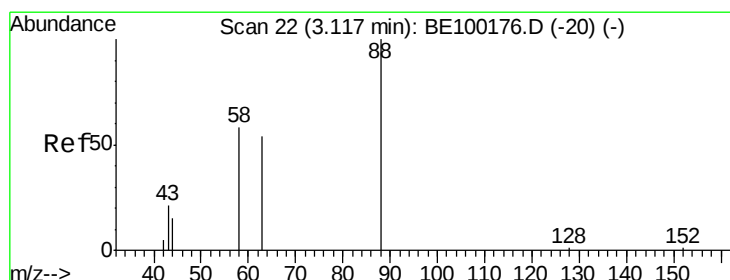
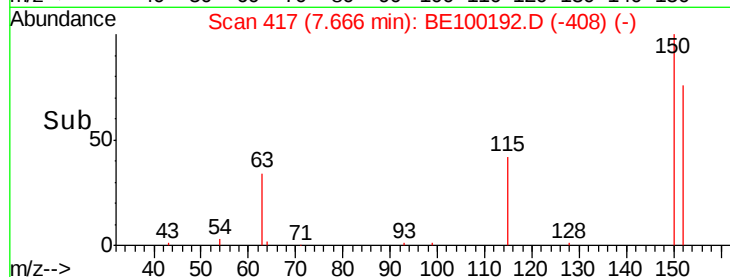
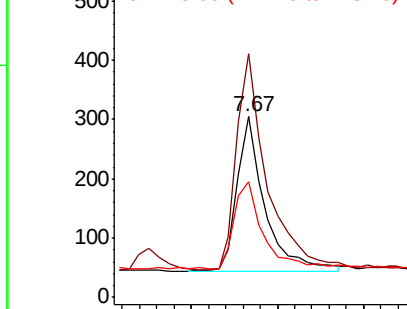
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.67 min Scan# 417
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
PB120737BSD

Tgt Ion: 152 Resp: 578
Ion Ratio Lower Upper
152 100
150 134.8 113.4 170.2
115 63.9 55.8 83.6



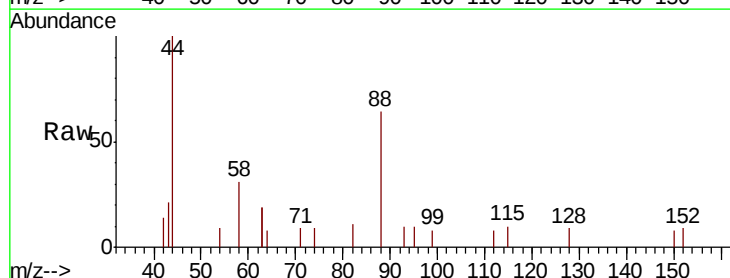
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



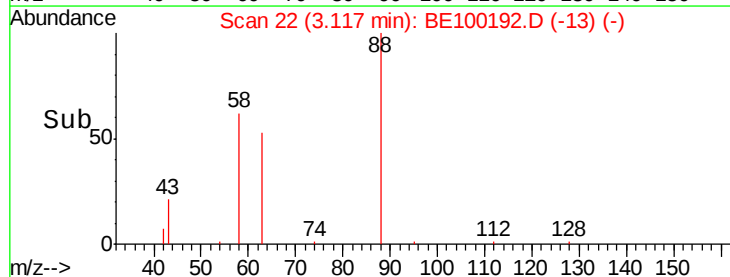
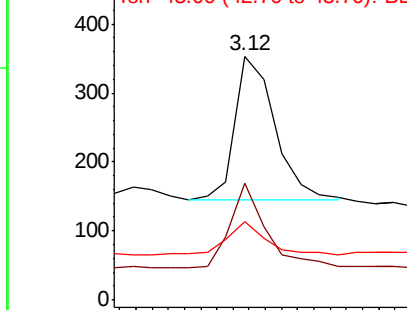
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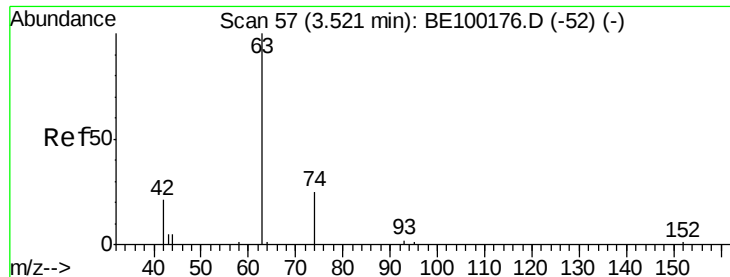
1,4-Dioxane
Concen: 0.391 ng
RT: 3.12 min Scan# 22
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Tgt Ion: 88 Resp: 354
Ion Ratio Lower Upper
88 100
58 54.2 43.8 65.6
43 22.9 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: 0.293 ng

RT: 3.50 min Scan# 55

Delta R.T. -0.02 min

Lab File: BE100192.D

Acq: 26 Jun 2019 13:18

Instrument :

BNA_E

ClientSampleId :

PB120737BSD

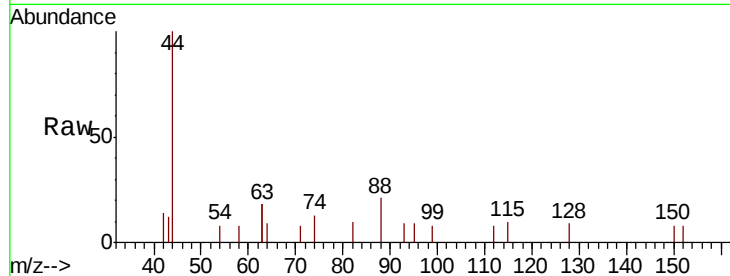
Tgt Ion: 42 Resp: 98

Ion Ratio Lower Upper

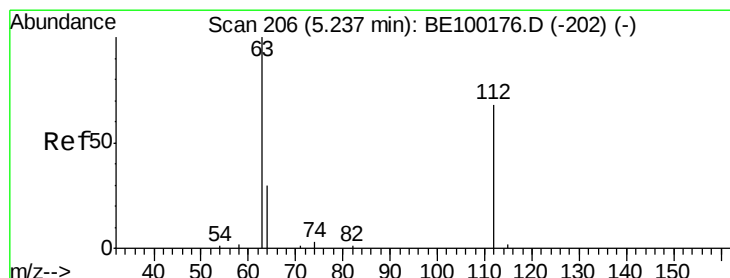
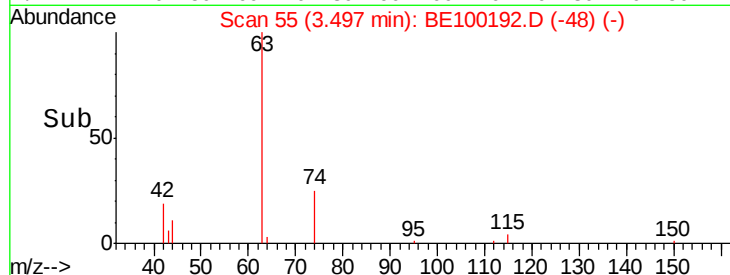
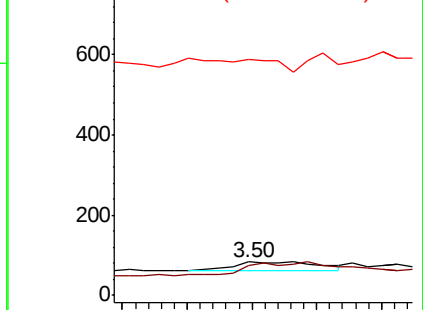
42 100

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: 0.419 ng

RT: 5.24 min Scan# 206

Delta R.T. -0.00 min

Lab File: BE100192.D

Acq: 26 Jun 2019 13:18

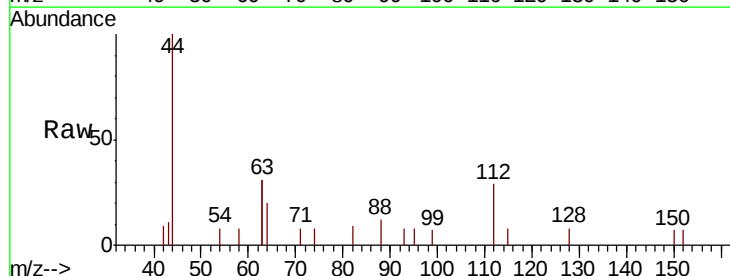
Tgt Ion: 112 Resp: 538

Ion Ratio Lower Upper

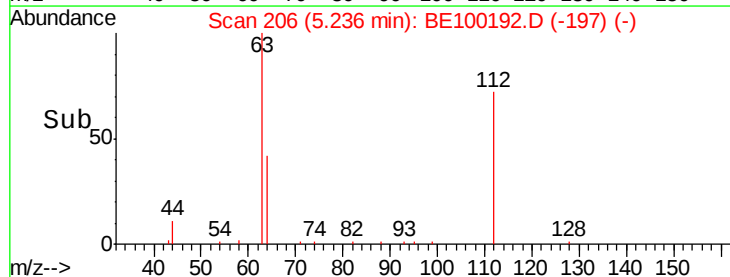
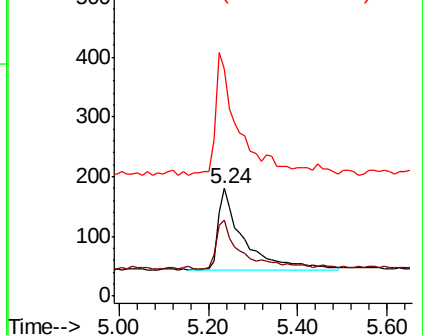
112 100

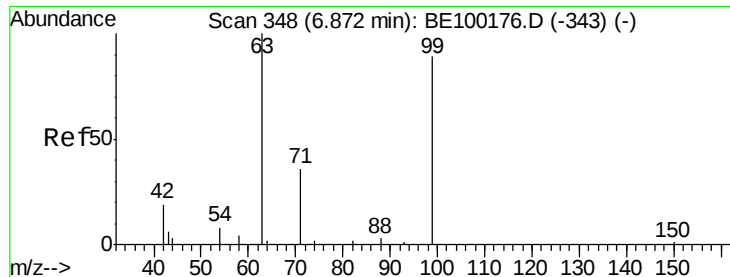
64 54.3 40.7 61.1

63 132.3 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: 0.406 ng

RT: 6.86 min Scan# 347

Delta R.T. -0.01 min

Lab File: BE100192.D

Acq: 26 Jun 2019 13:18

Instrument :

BNA_E

ClientSampleId :

PB120737BSD

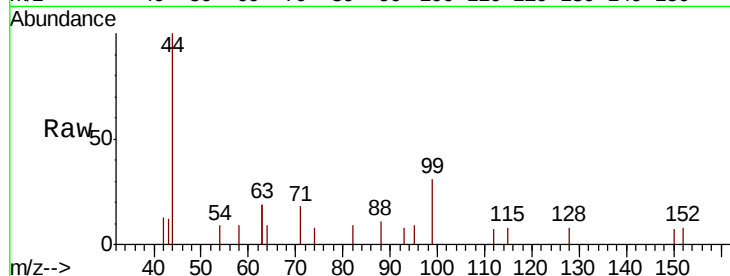
Tgt Ion: 99 Resp: 717

Ion Ratio Lower Upper

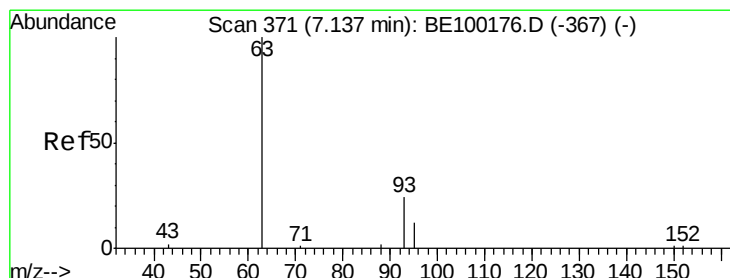
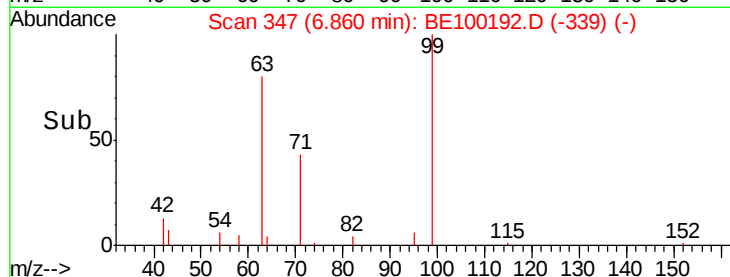
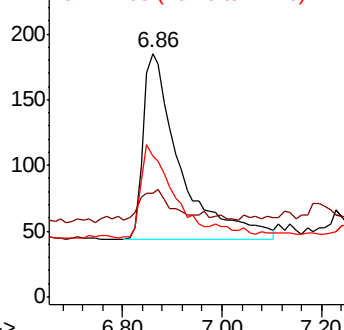
99 100

42 0.0 10.4 15.6#

71 42.8 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: 0.385 ng

RT: 7.11 min Scan# 369

Delta R.T. -0.02 min

Lab File: BE100192.D

Acq: 26 Jun 2019 13:18

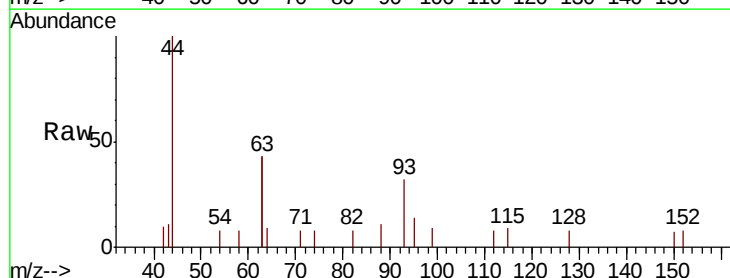
Tgt Ion: 93 Resp: 623

Ion Ratio Lower Upper

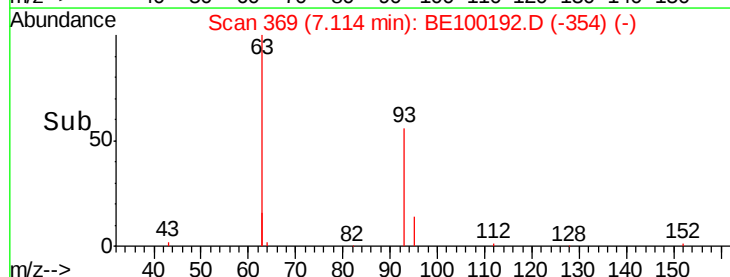
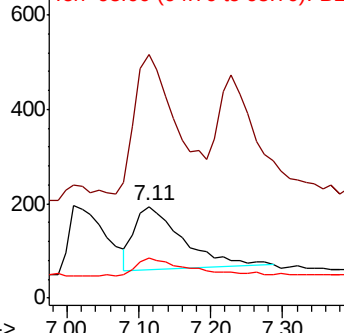
93 100

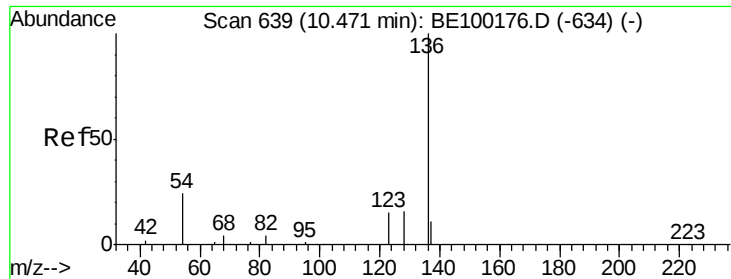
63 192.3 0.0 0.0#

95 31.6 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: BE100192.D

Acq: 26 Jun 2019 13:18

Instrument :

BNA_E

ClientSampleId :

PB120737BSD

Tgt Ion: 136 Resp: 1979

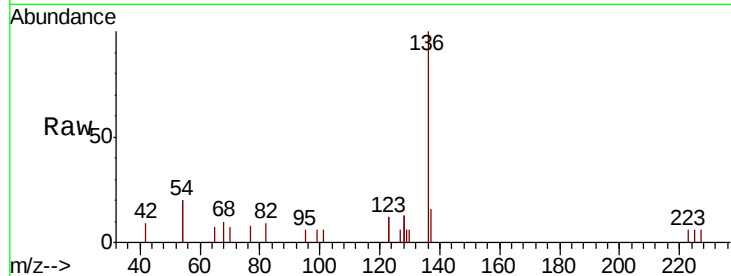
Ion Ratio Lower Upper

136 100

137 15.9 13.8 20.8

54 39.5 35.4 53.2

68 10.0 8.8 13.2

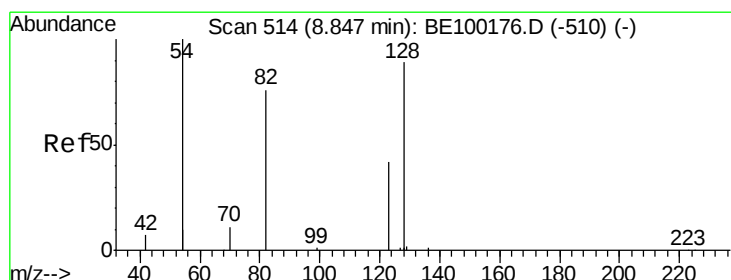
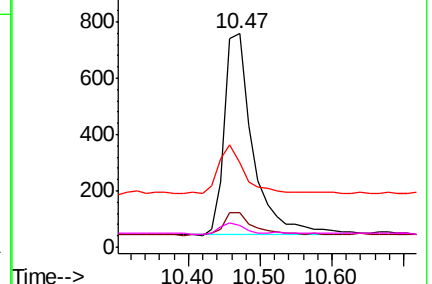
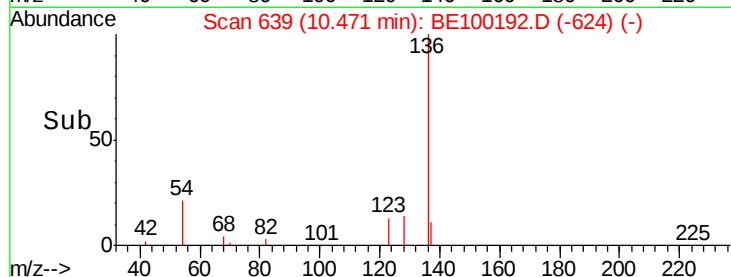


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.388 ng

RT: 8.85 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE100192.D

Acq: 26 Jun 2019 13:18

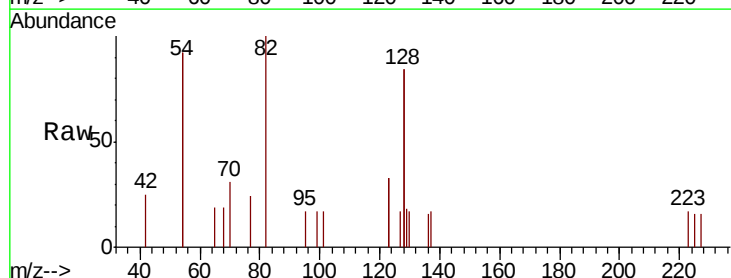
Tgt Ion: 82 Resp: 765

Ion Ratio Lower Upper

82 100

128 168.3 144.6 217.0

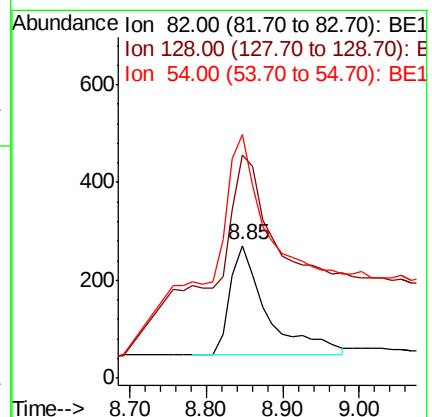
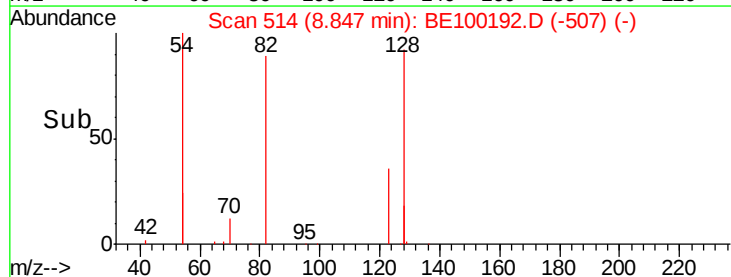
54 183.8 163.0 244.6

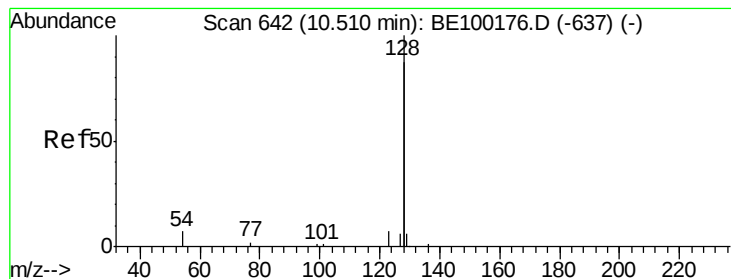


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.428 ng

RT: 10.51 min Scan# 642

Delta R.T. -0.00 min

Lab File: BE100192.D

Acq: 26 Jun 2019 13:18

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BNA_E

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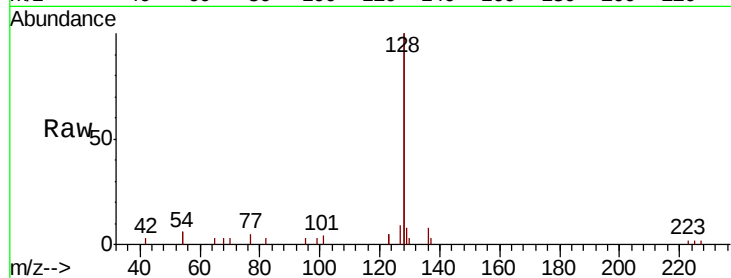
Tgt Ion:128 Resp: 9242

Ion Ratio Lower Upper

128 100

129 3.9 3.6 5.4

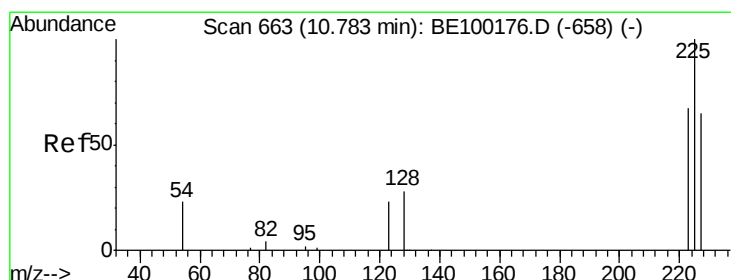
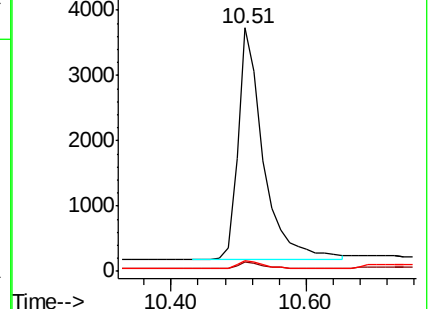
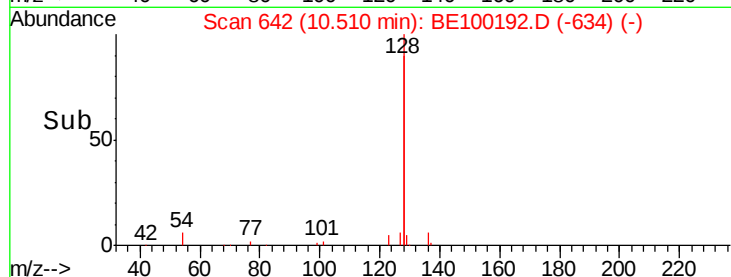
127 4.3 3.8 5.8



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: 0.422 ng

RT: 10.78 min Scan# 663

Delta R.T. -0.00 min

Lab File: BE100192.D

Acq: 26 Jun 2019 13:18

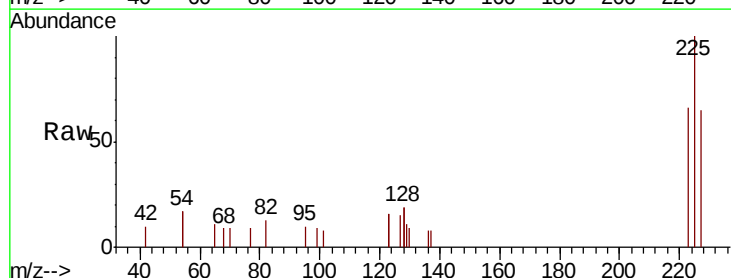
Tgt Ion:225 Resp: 941

Ion Ratio Lower Upper

225 100

223 62.8 50.1 75.1

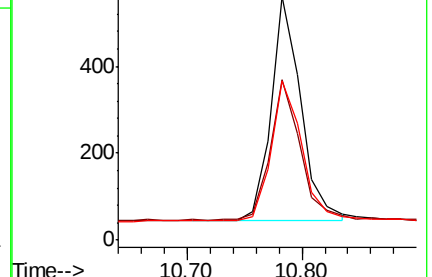
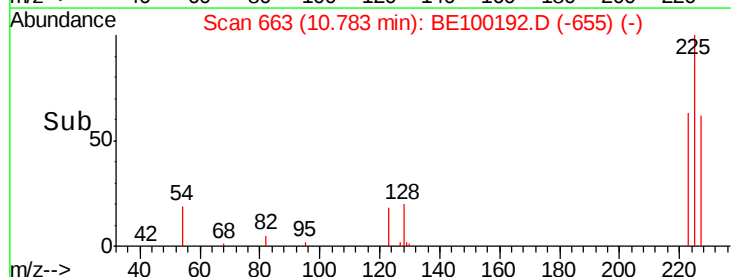
227 64.2 50.9 76.3

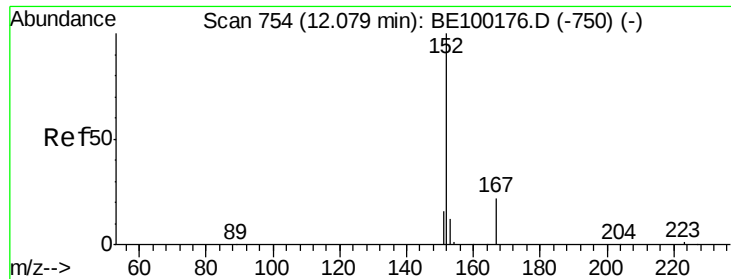


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

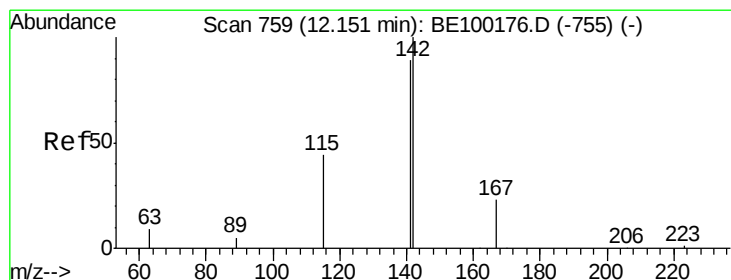
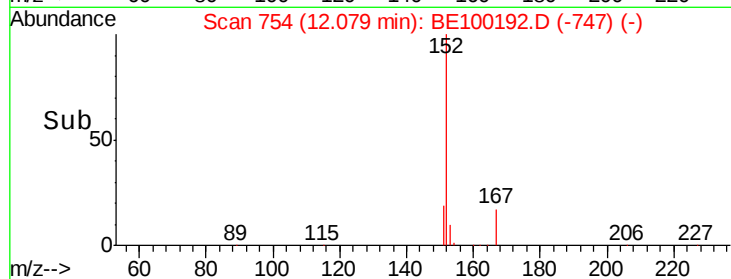
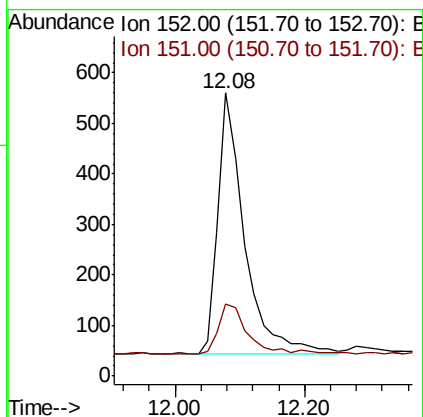
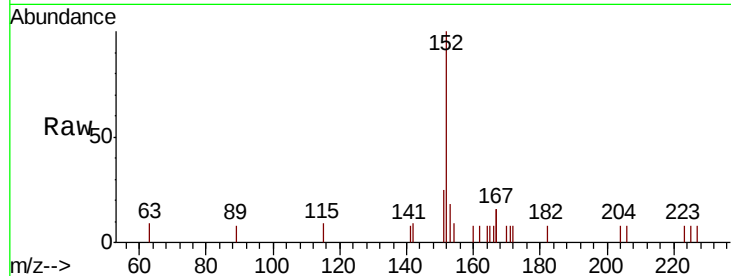




#11
2-Methylnaphthalene-d10
Concen: 0.393 ng
RT: 12.08 min Scan# 754
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

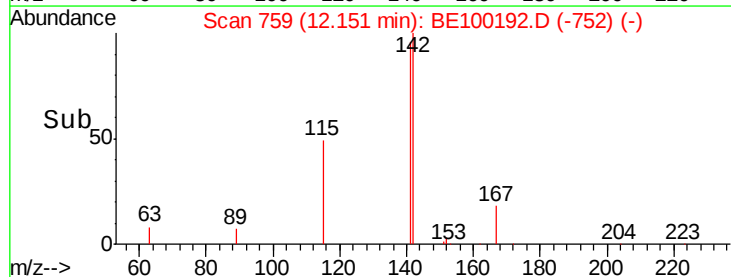
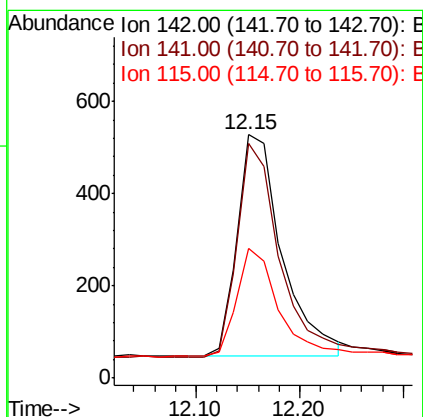
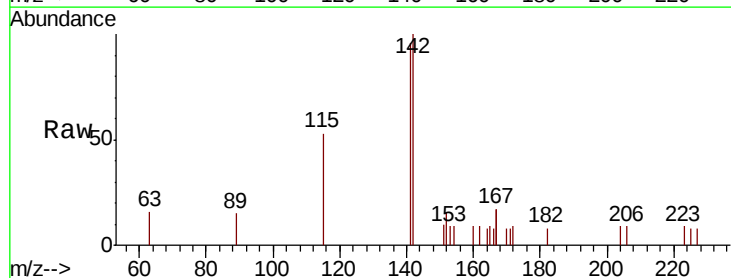
Instrument :
BNA_E
ClientSampleId :
PB120737BSD

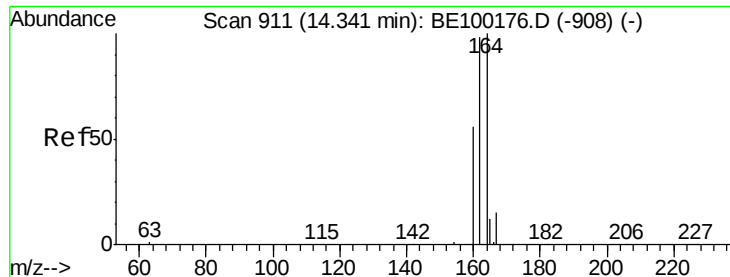
Tgt Ion:152 Resp: 1458
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5



#12
2-Methylnaphthalene
Concen: 0.413 ng
RT: 12.15 min Scan# 759
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Tgt Ion:142 Resp: 1437
Ion Ratio Lower Upper
142 100
141 96.4 71.8 107.8
115 53.0 40.4 60.6

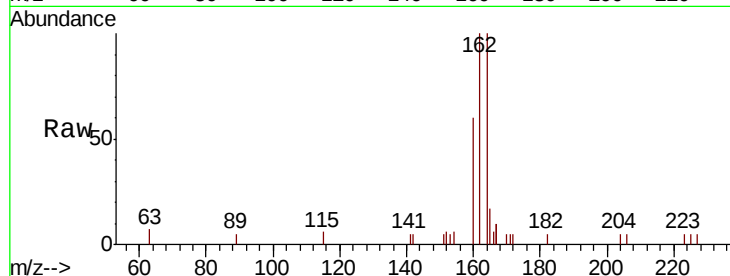




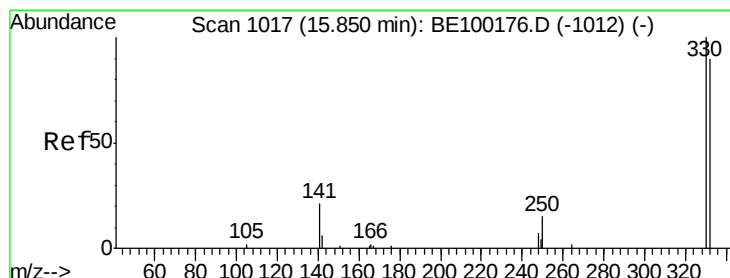
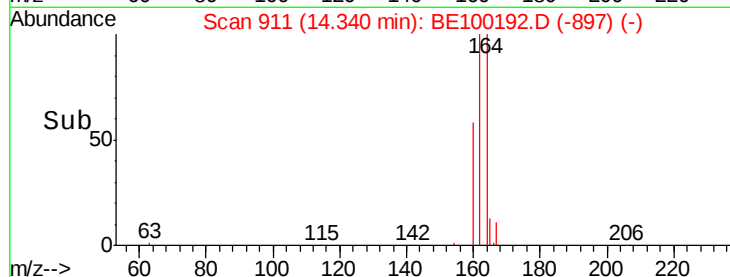
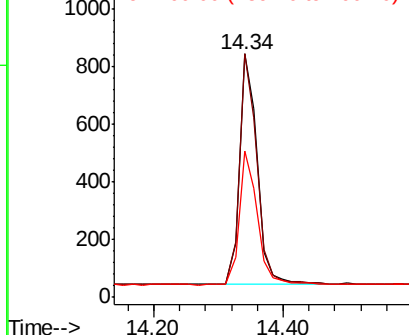
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 911
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
PB120737BSD

Tgt Ion:164 Resp: 1520
Ion Ratio Lower Upper
164 100
162 100.0 78.6 118.0
160 60.0 46.9 70.3

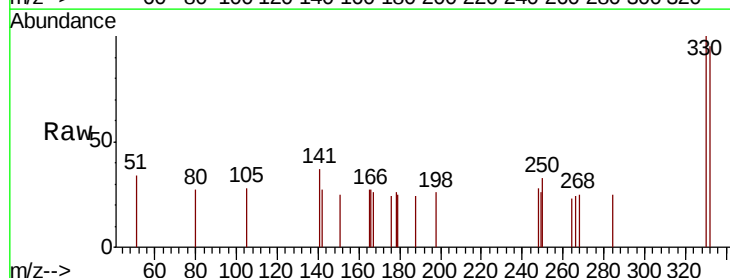


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

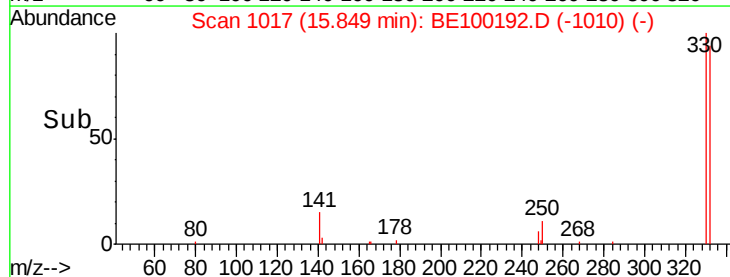
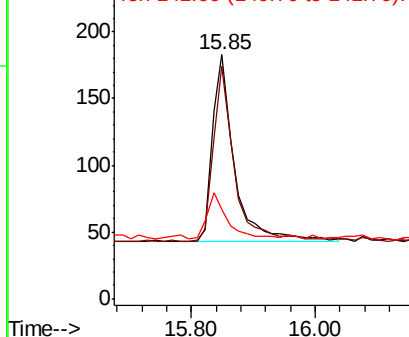


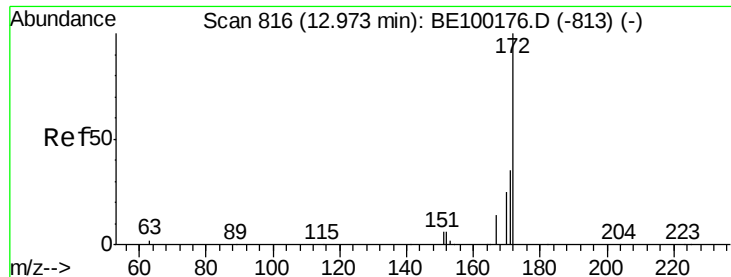
#14
2,4,6-Tribromophenol
Concen: 0.392 ng
RT: 15.85 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Tgt Ion:330 Resp: 345
Ion Ratio Lower Upper
330 100
332 89.3 77.7 116.5
141 22.6 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

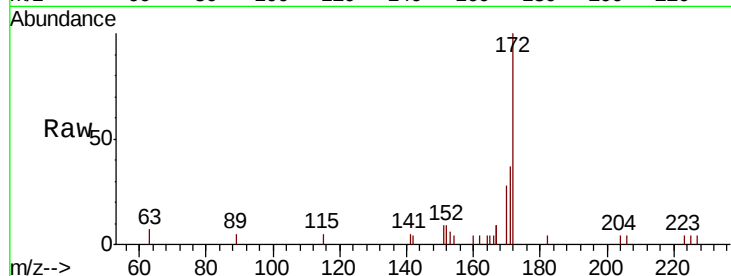




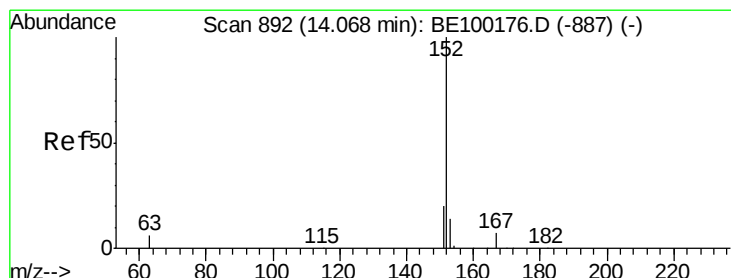
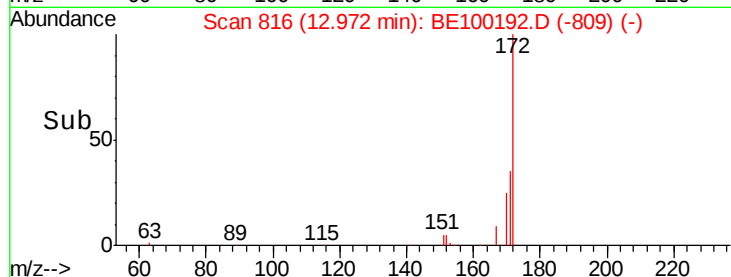
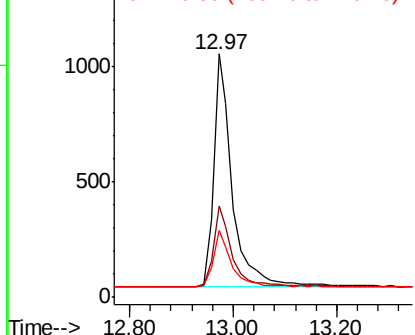
#15
2-Fluorobiphenyl
Concen: 0.423 ng
RT: 12.97 min Scan# 816
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
PB120737BSD

Tgt Ion:172 Resp: 2581
Ion Ratio Lower Upper
172 100
171 37.3 31.0 46.4
170 27.7 23.9 35.9

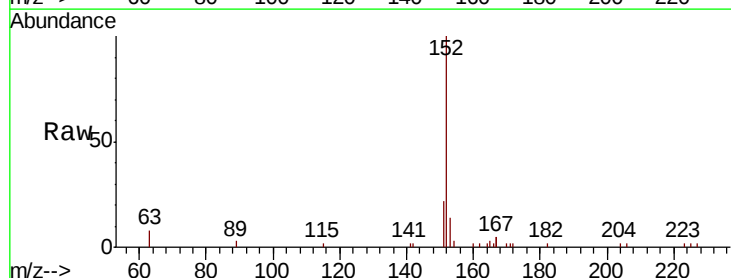


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

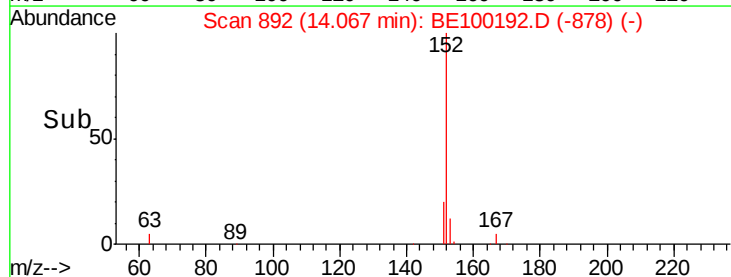
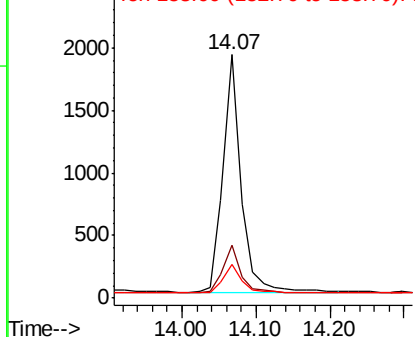


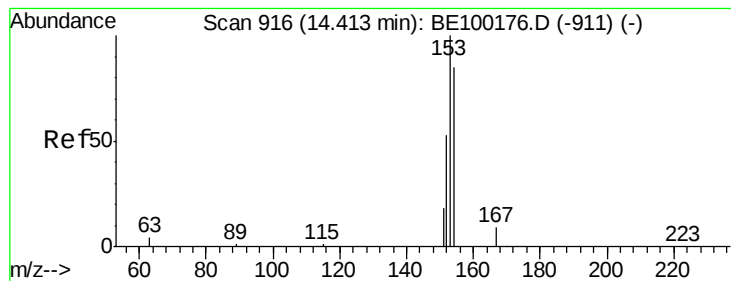
#16
Acenaphthylene
Concen: 0.436 ng
RT: 14.07 min Scan# 892
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Tgt Ion:152 Resp: 3230
Ion Ratio Lower Upper
152 100
151 19.8 15.4 23.0
153 12.5 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: 0.401 ng

RT: 14.41 min Scan# 916

Delta R.T. -0.00 min

Lab File: BE100192.D

Acq: 26 Jun 2019 13:18

Instrument :

BNA_E

ClientSampleId :

PB120737BSD

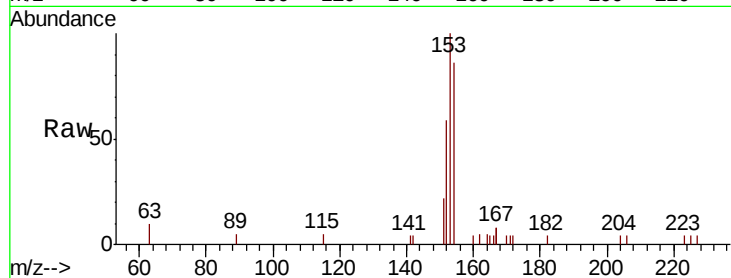
Tgt Ion:154 Resp: 1664

Ion Ratio Lower Upper

154 100

153 123.6 95.3 142.9

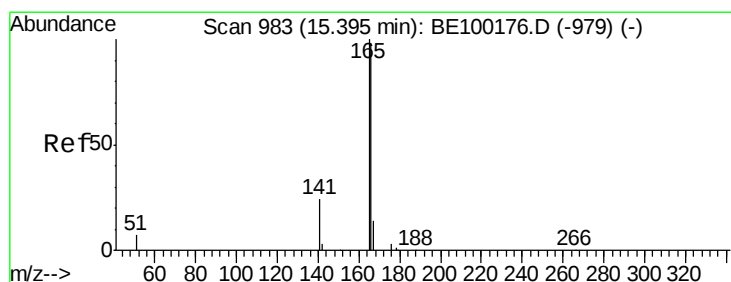
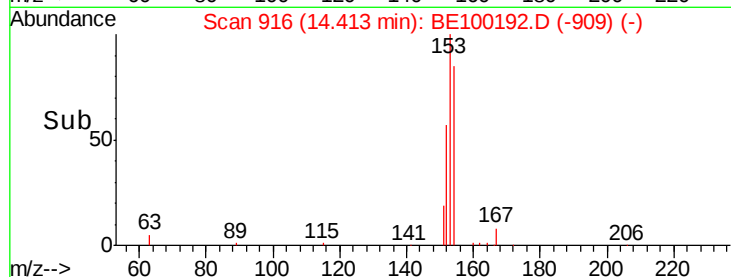
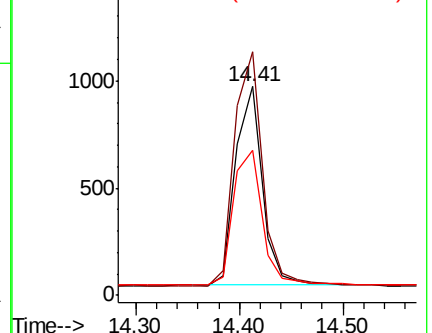
152 73.5 52.9 79.3



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: 0.428 ng

RT: 15.39 min Scan# 983

Delta R.T. -0.00 min

Lab File: BE100192.D

Acq: 26 Jun 2019 13:18

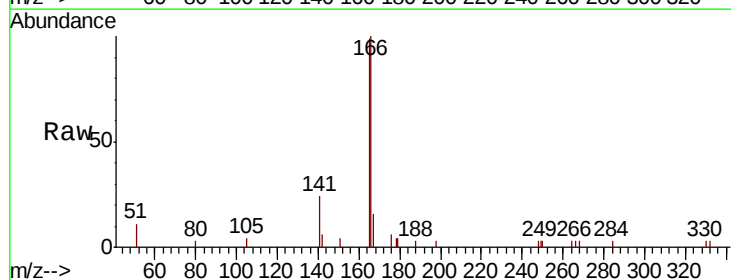
Tgt Ion:166 Resp: 2571

Ion Ratio Lower Upper

166 100

165 101.6 81.0 121.4

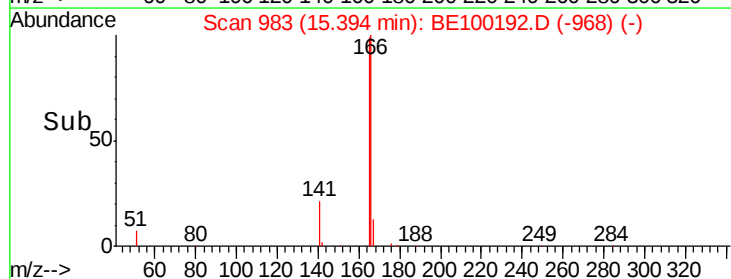
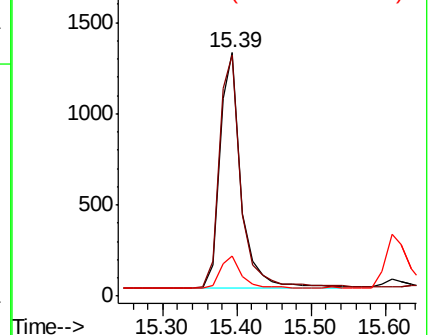
167 13.7 11.4 17.0

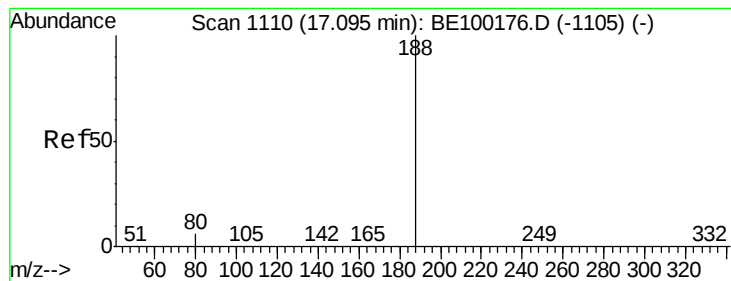


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE100192.D

Acq: 26 Jun 2019 13:18

Instrument :

BNA_E

ClientSampleId :

PB120737BSD

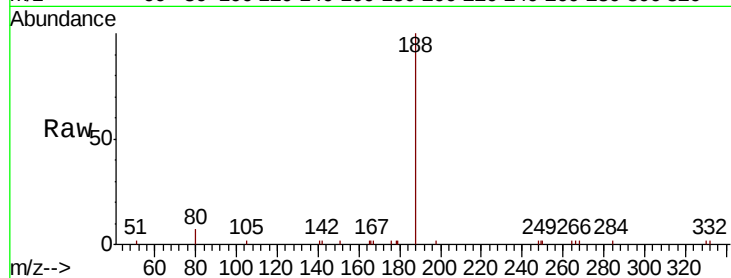
Tgt Ion:188 Resp: 4599

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

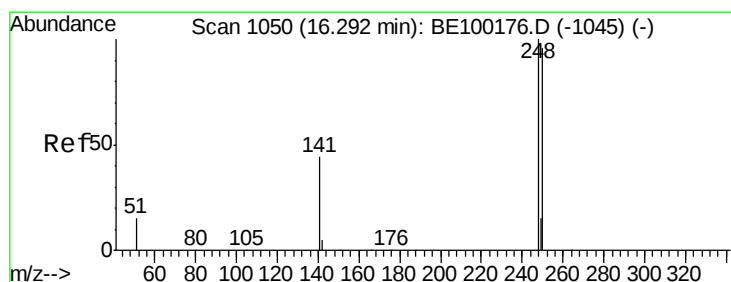
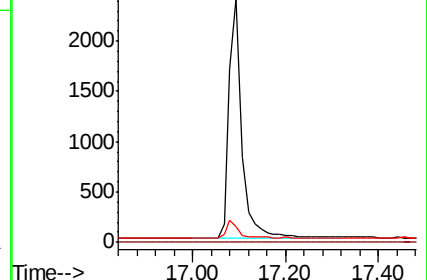
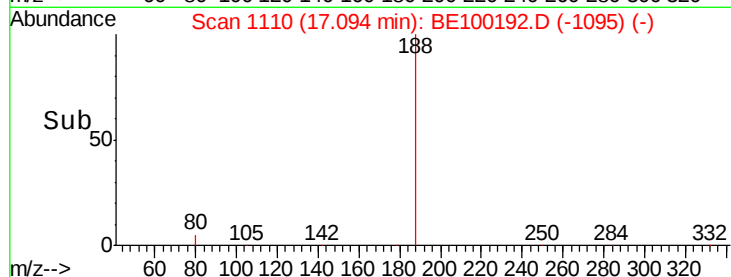
80 6.6 6.4 9.6



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: 0.418 ng

RT: 16.29 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BE100192.D

Acq: 26 Jun 2019 13:18

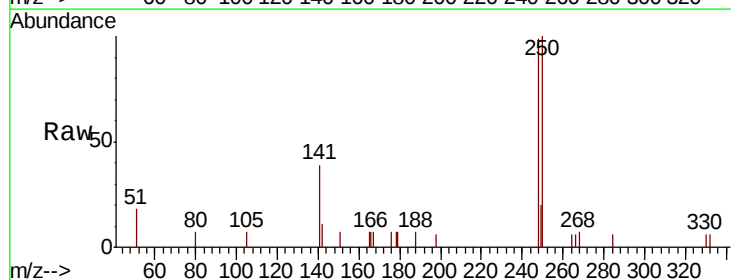
Tgt Ion:248 Resp: 1192

Ion Ratio Lower Upper

248 100

250 100.7 77.1 115.7

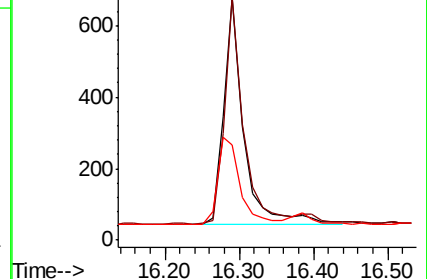
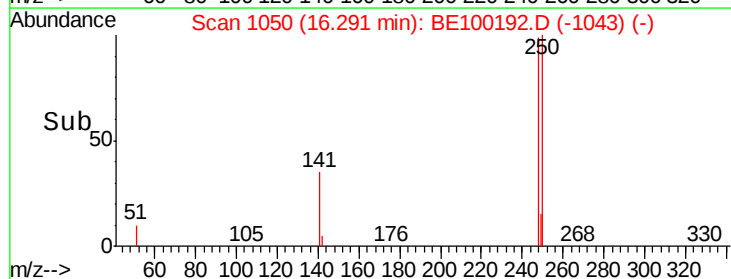
141 39.3 39.5 59.3#

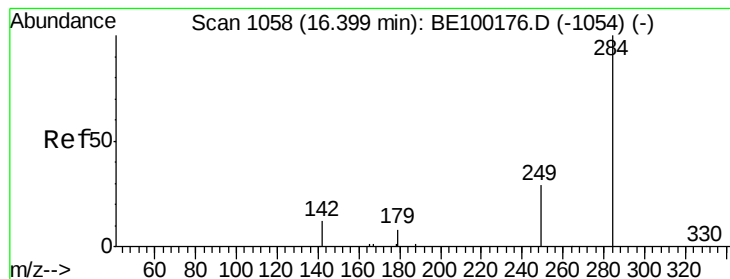


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.423 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE100192.D

Acq: 26 Jun 2019 13:18

Instrument :

BNA_E

ClientSampleId :

PB120737BSD

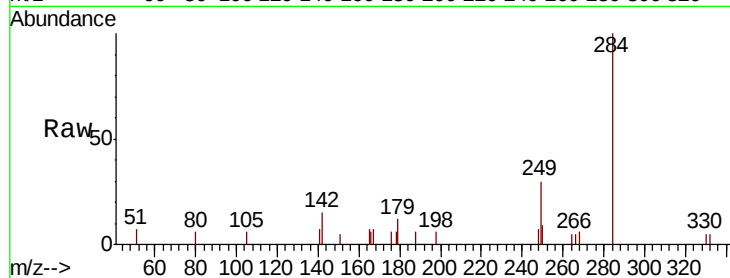
Tgt Ion:284 Resp: 1324

Ion Ratio Lower Upper

284 100

142 23.9 20.1 30.1

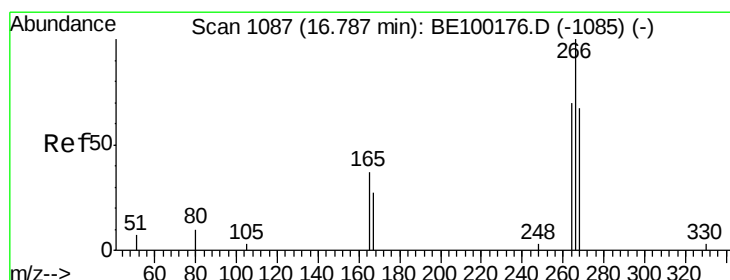
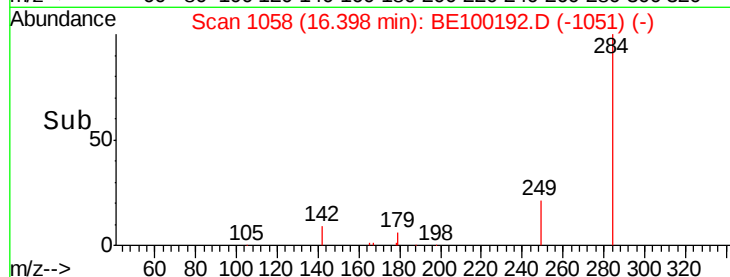
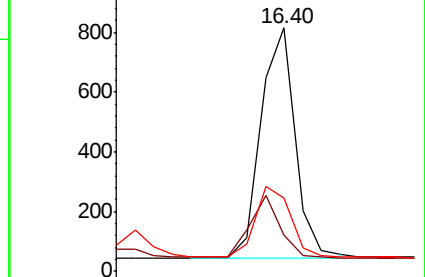
249 30.7 26.2 39.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 2.664 ng

RT: 16.75 min Scan# 1084

Delta R.T. -0.04 min

Lab File: BE100192.D

Acq: 26 Jun 2019 13:18

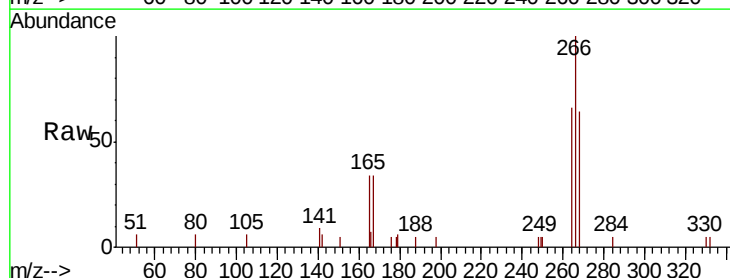
Tgt Ion:266 Resp: 2524

Ion Ratio Lower Upper

266 100

264 65.7 67.7 101.5#

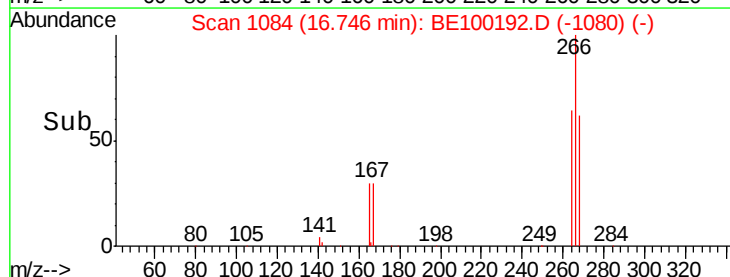
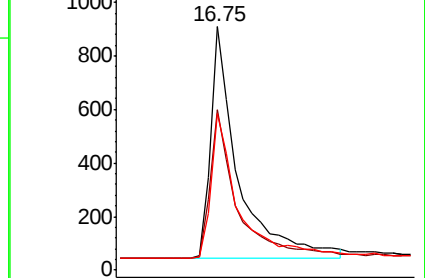
268 64.1 69.8 104.6#

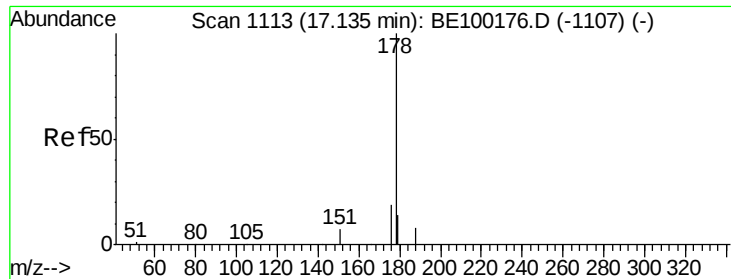


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

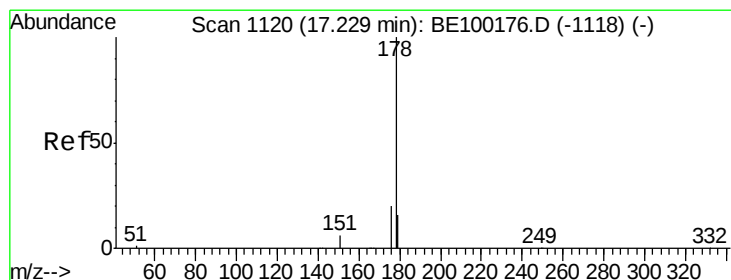
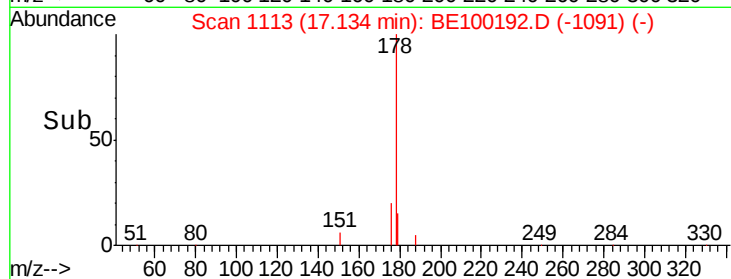
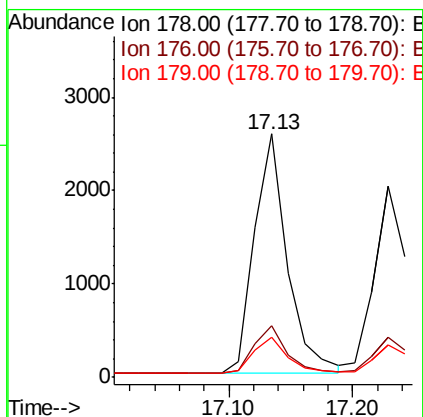
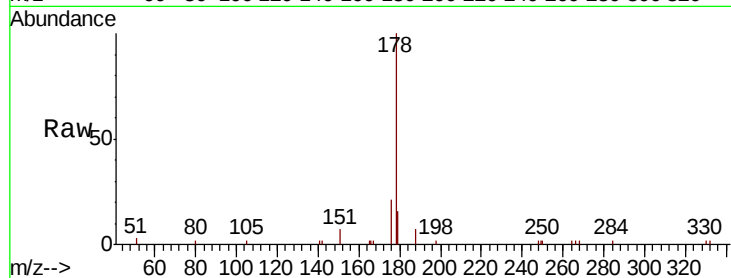




#23
Phenanthrene
Concen: 0.433 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

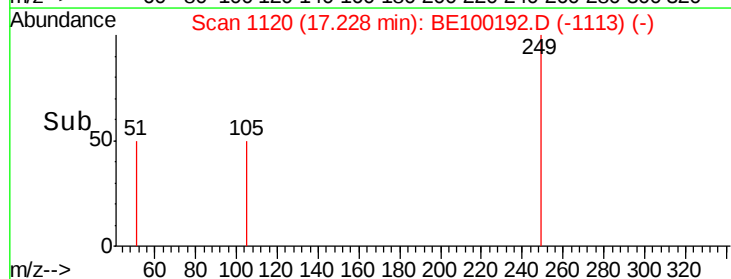
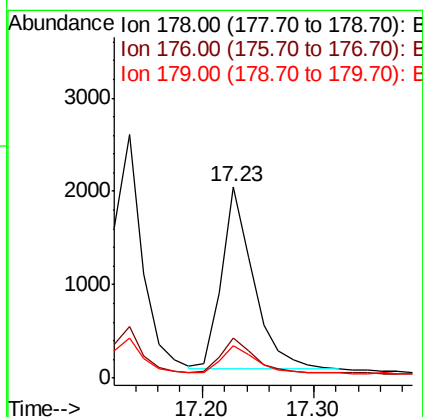
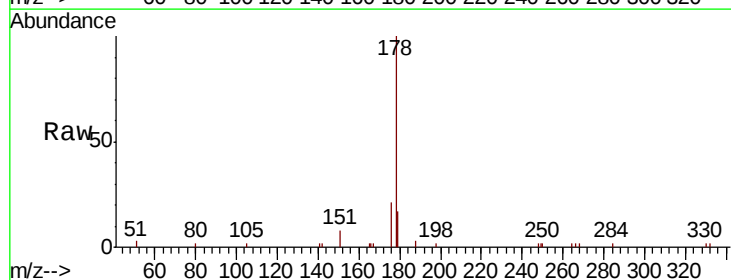
Instrument :
BNA_E
ClientSampleId :
PB120737BSD

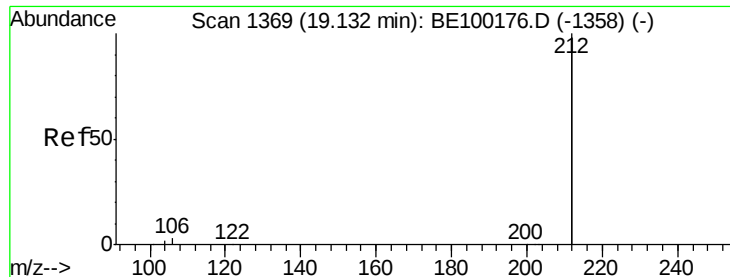
Tgt Ion:178 Resp: 4715
Ion Ratio Lower Upper
178 100
176 20.2 15.5 23.3
179 15.5 12.2 18.2



#24
Anthracene
Concen: 0.424 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Tgt Ion:178 Resp: 3901
Ion Ratio Lower Upper
178 100
176 18.7 15.7 23.5
179 15.6 12.9 19.3





#25

Fluoranthene-d10

Concen: 0.390 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BE100192.D

Acq: 26 Jun 2019 13:18

Instrument :

BNA_E

ClientSampleId :

PB120737BSD

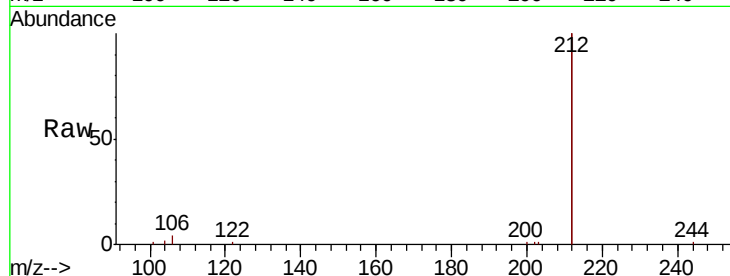
Tgt Ion:212 Resp: 25867

Ion Ratio Lower Upper

212 100

106 1.6 1.3 1.9

104 0.9 0.7 1.1

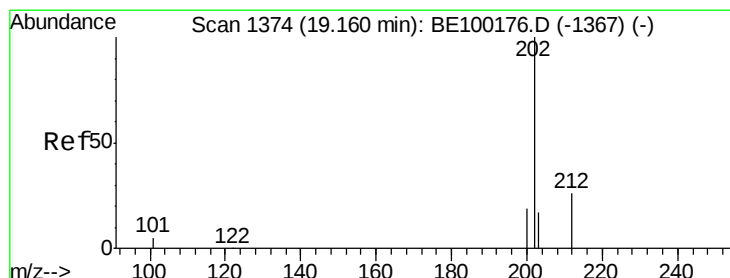
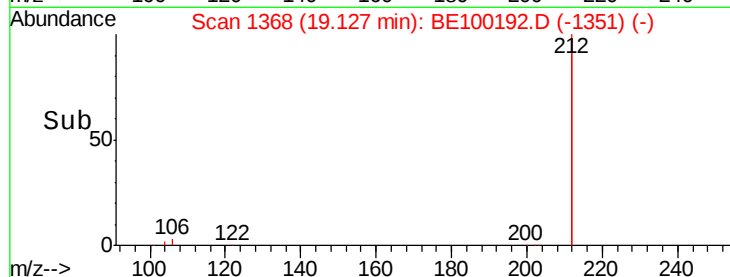
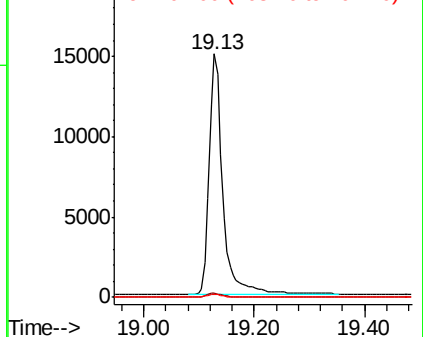


Abundance

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: 0.423 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE100192.D

Acq: 26 Jun 2019 13:18

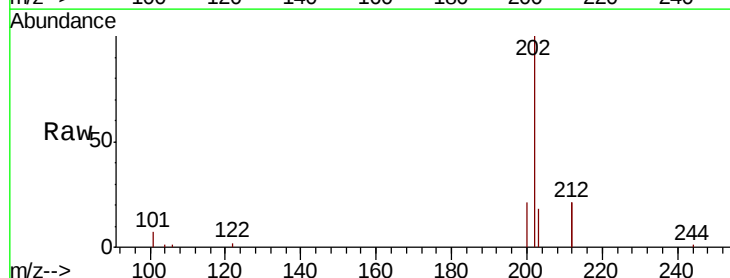
Tgt Ion:202 Resp: 7498

Ion Ratio Lower Upper

202 100

101 5.5 4.5 6.7

203 17.1 13.7 20.5

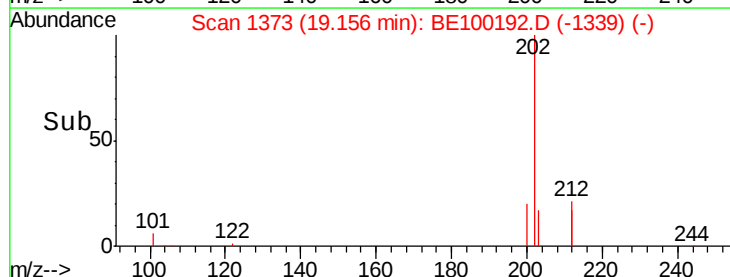
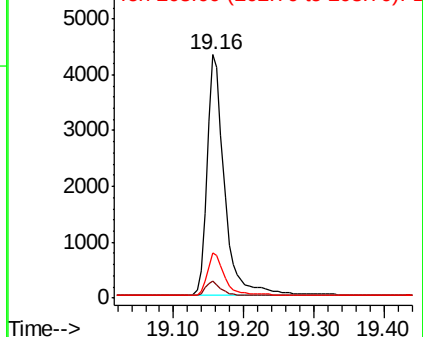


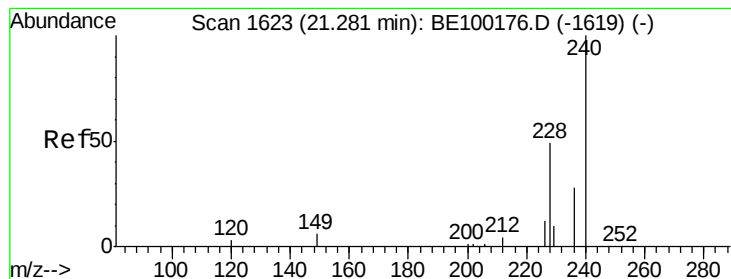
Abundance

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# 1622

Delta R.T. -0.00 min

Lab File: BE100192.D

Acq: 26 Jun 2019 13:18

Instrument :

BNA_E

ClientSampleId :

PB120737BSD

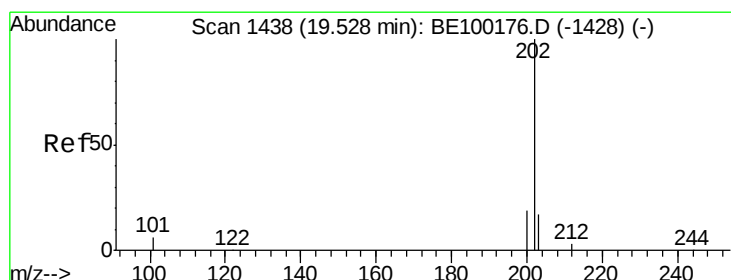
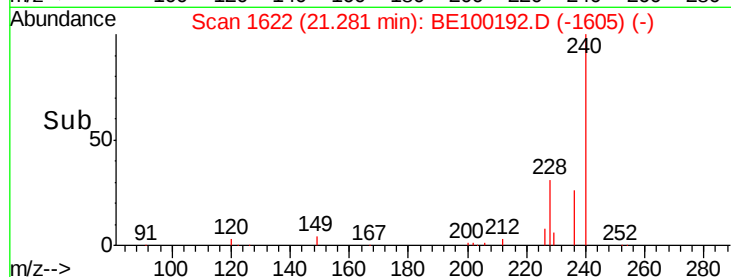
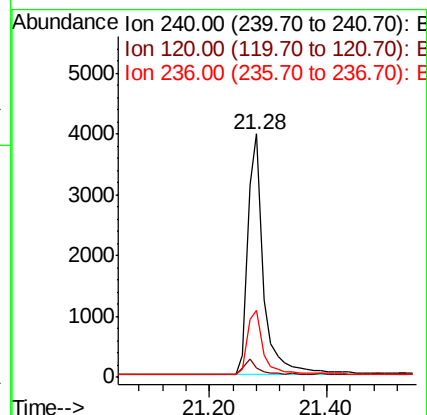
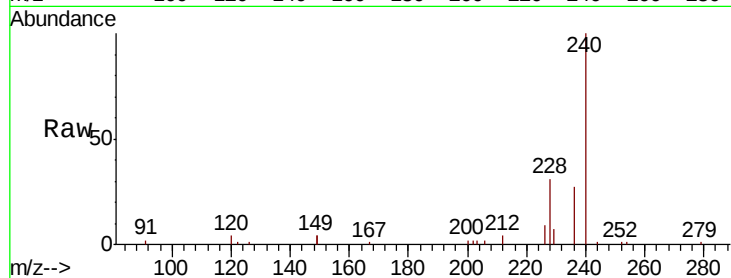
Tgt Ion:240 Resp: 7446

Ion Ratio Lower Upper

240 100

120 3.9 4.1 6.1#

236 27.3 23.0 34.6



#28

Pyrene

Concen: 0.396 ng

RT: 19.52 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BE100192.D

Acq: 26 Jun 2019 13:18

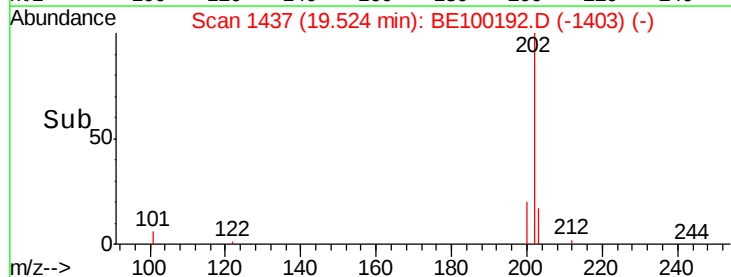
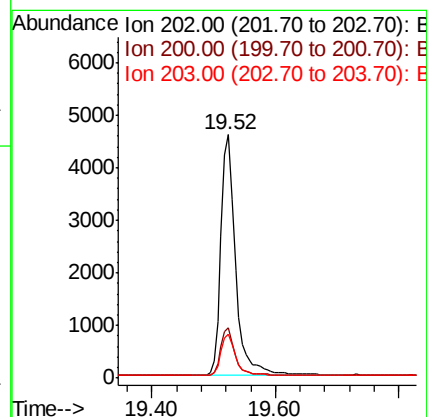
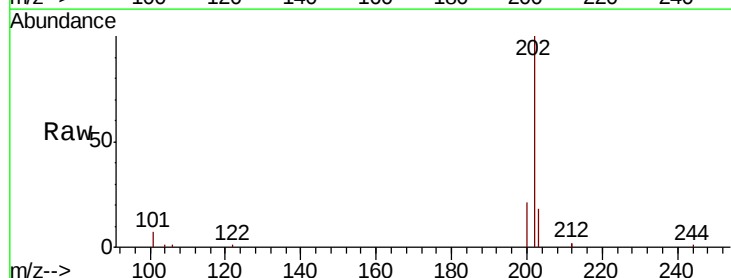
Tgt Ion:202 Resp: 7555

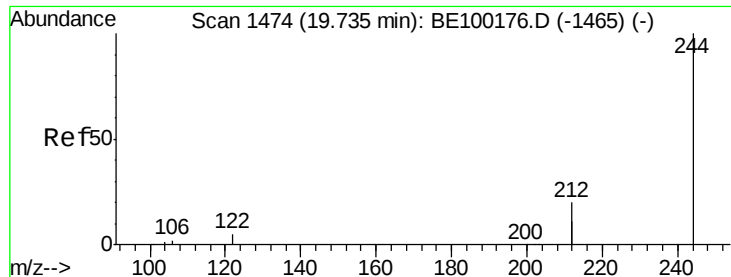
Ion Ratio Lower Upper

202 100

200 19.4 15.5 23.3

203 17.5 13.9 20.9





#29

Terphenyl-d14

Concen: 0.359 ng

RT: 19.73 min Scan# 1473

Delta R.T. -0.00 min

Lab File: BE100192.D

Acq: 26 Jun 2019 13:18

Instrument :

BNA_E

ClientSampleId :

PB120737BSD

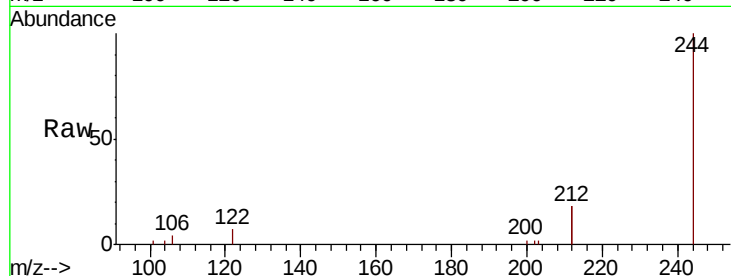
Tgt Ion:244 Resp: 5243

Ion Ratio Lower Upper

244 100

212 36.8 30.7 46.1

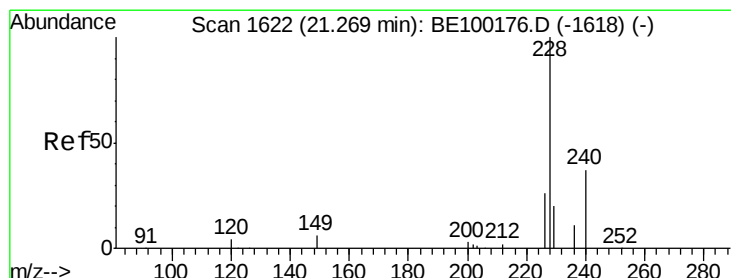
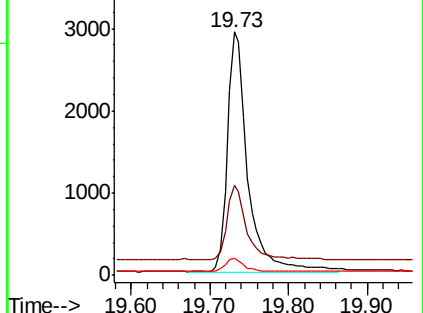
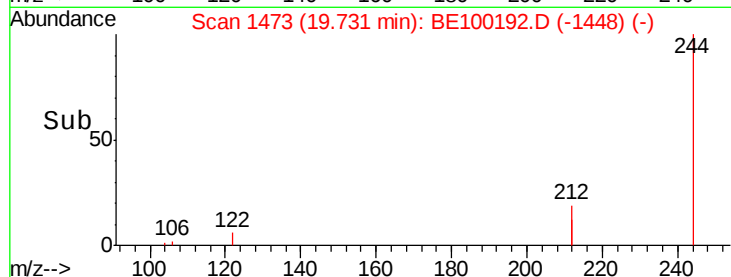
122 7.0 5.8 8.6



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: 0.392 ng

RT: 21.26 min Scan# 1620

Delta R.T. -0.01 min

Lab File: BE100192.D

Acq: 26 Jun 2019 13:18

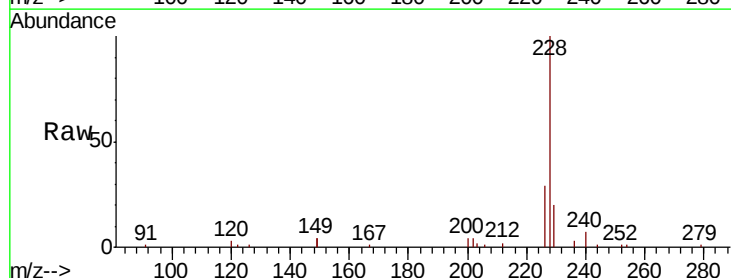
Tgt Ion:228 Resp: 8607

Ion Ratio Lower Upper

228 100

226 28.8 21.5 32.3

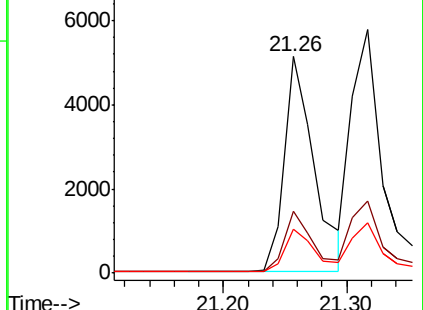
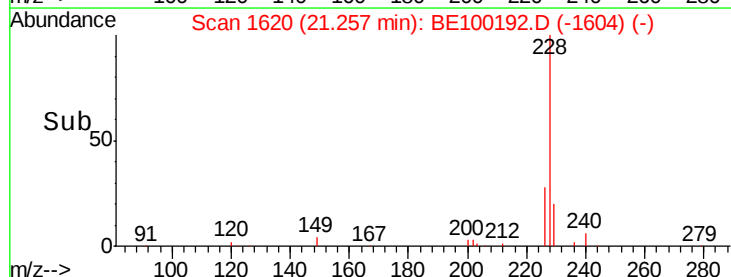
229 20.2 17.2 25.8

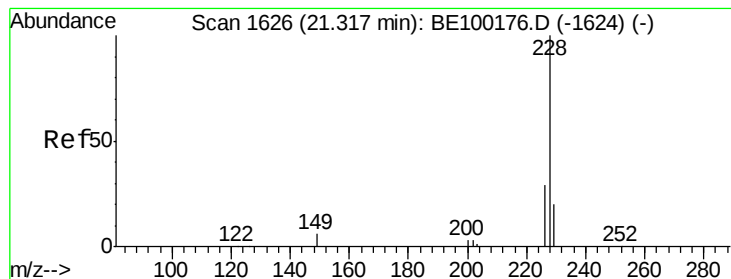


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.370 ng

RT: 21.32 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE100192.D

Acq: 26 Jun 2019 13:18

Instrument :

BNA_E

ClientSampleId :

PB120737BSD

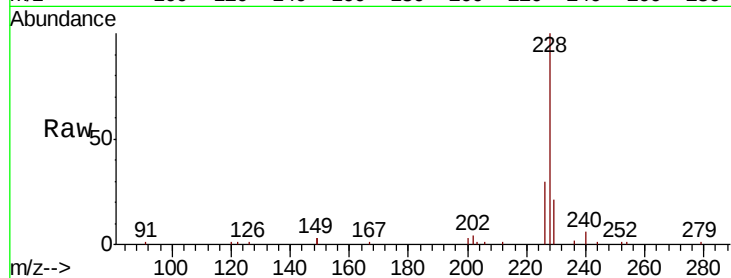
Tgt Ion:228 Resp: 9523

Ion Ratio Lower Upper

228 100

226 29.7 23.7 35.5

229 20.6 16.5 24.7

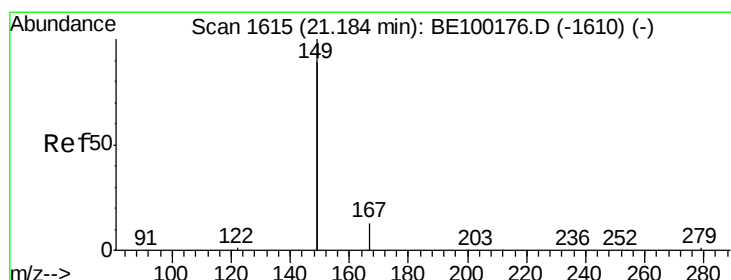
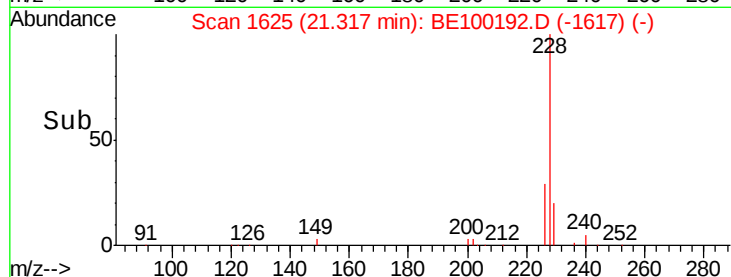
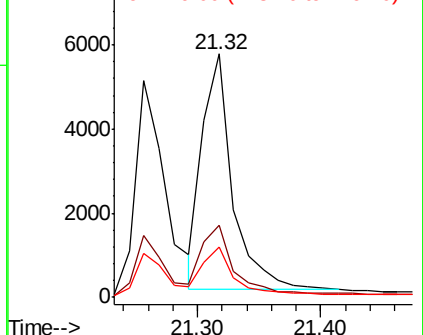


Abundance

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: 0.282 ng

RT: 21.18 min Scan# 1614

Delta R.T. -0.00 min

Lab File: BE100192.D

Acq: 26 Jun 2019 13:18

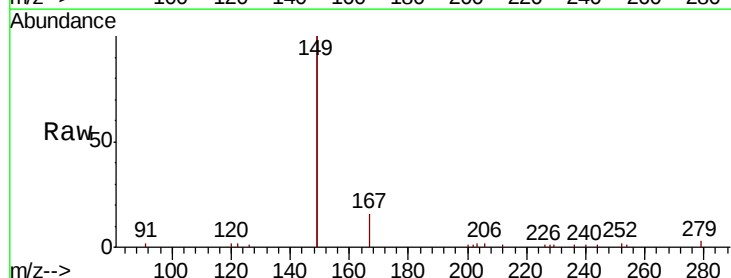
Tgt Ion:149 Resp: 7124

Ion Ratio Lower Upper

149 100

167 7.6 5.9 8.9

279 1.4 1.0 1.6

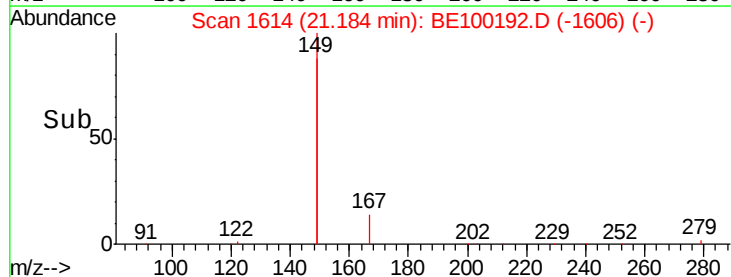
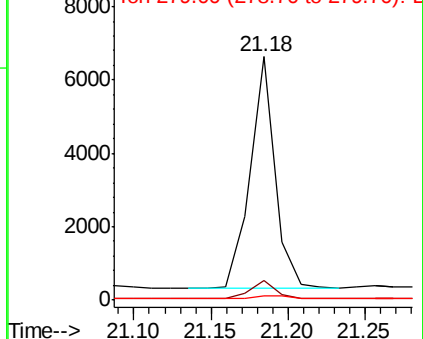


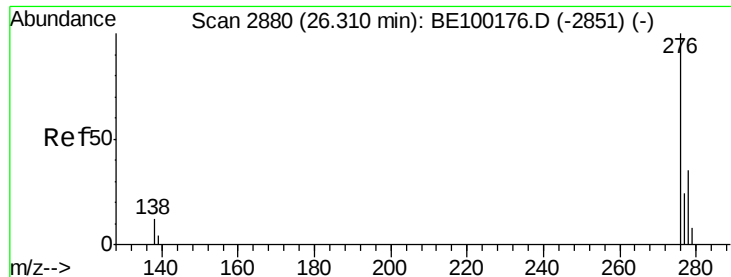
Abundance

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: 0.329 ng

RT: 26.31 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BE100192.D

Acq: 26 Jun 2019 13:18

Instrument :

BNA_E

ClientSampleId :

PB120737BSD

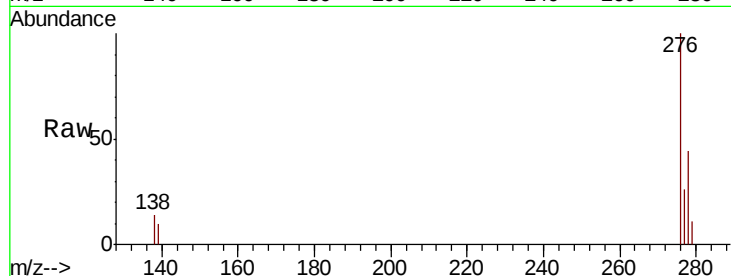
Tgt Ion:276 Resp: 12046

Ion Ratio Lower Upper

276 100

138 13.6 3.7 5.5#

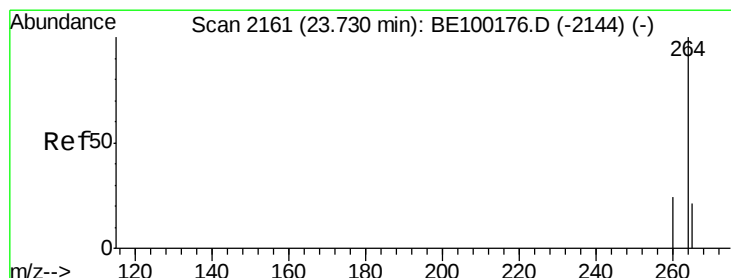
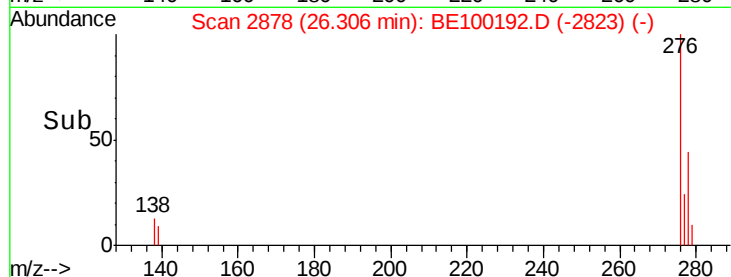
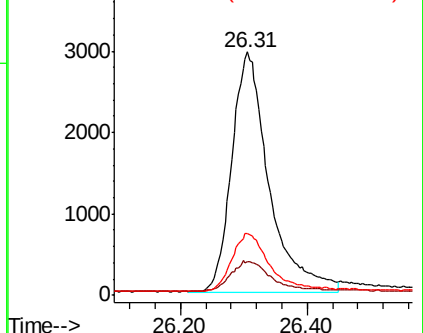
277 25.0 18.7 28.1



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: 23.72 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BE100192.D

Acq: 26 Jun 2019 13:18

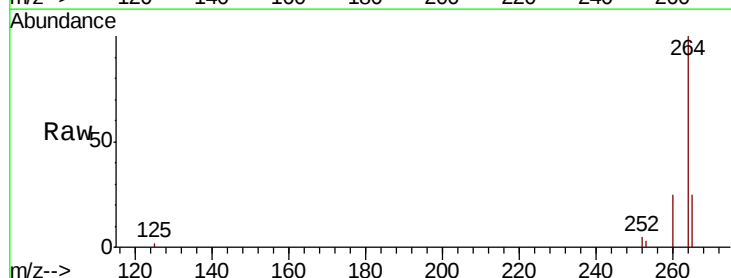
Tgt Ion:264 Resp: 8216

Ion Ratio Lower Upper

264 100

260 25.4 20.4 30.6

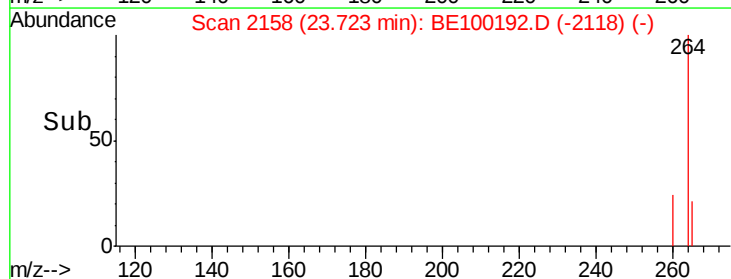
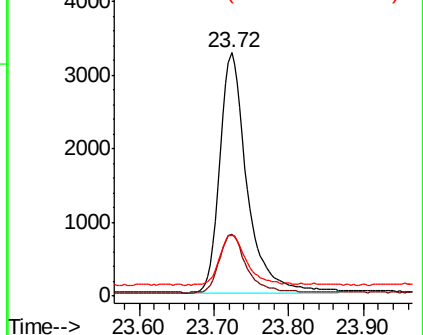
265 24.9 22.5 33.7

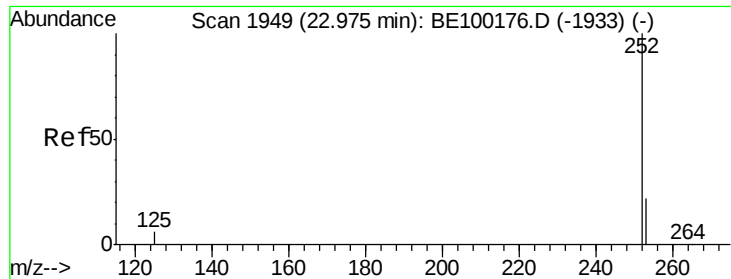


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.437 ng

RT: 22.97 min Scan# 1947

Delta R.T. -0.00 min

Lab File: BE100192.D

Acq: 26 Jun 2019 13:18

Instrument :

BNA_E

ClientSampleId :

PB120737BSD

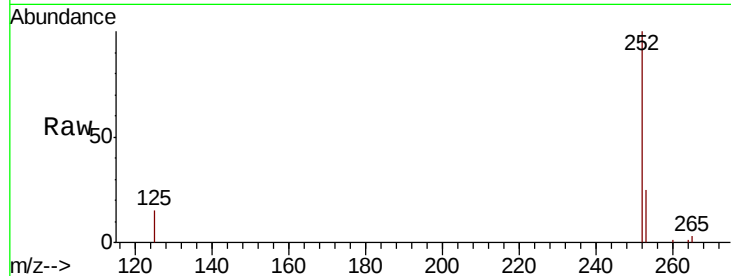
Tgt Ion:252 Resp: 9658

Ion Ratio Lower Upper

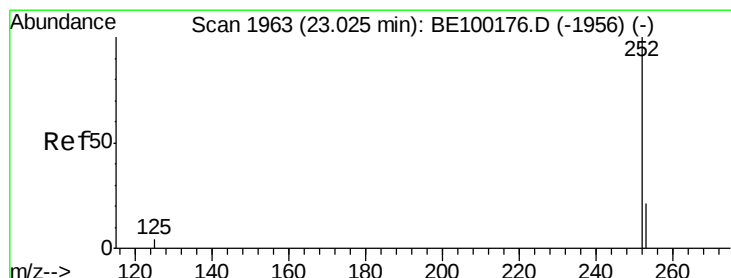
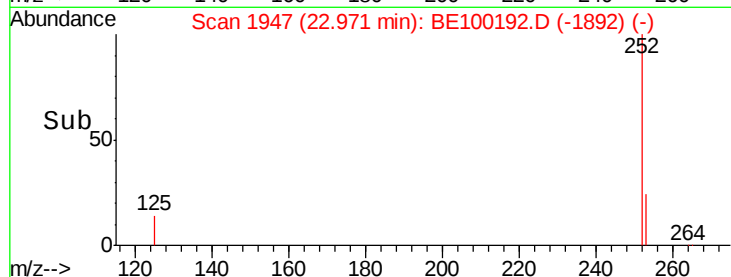
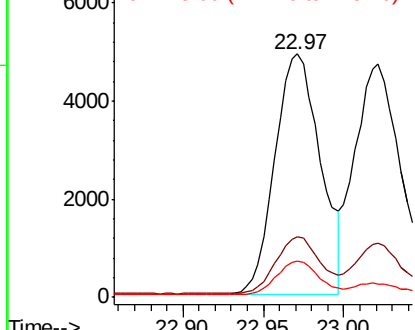
252 100

253 25.0 19.0 28.4

125 14.9 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: 0.406 ng

RT: 23.02 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BE100192.D

Acq: 26 Jun 2019 13:18

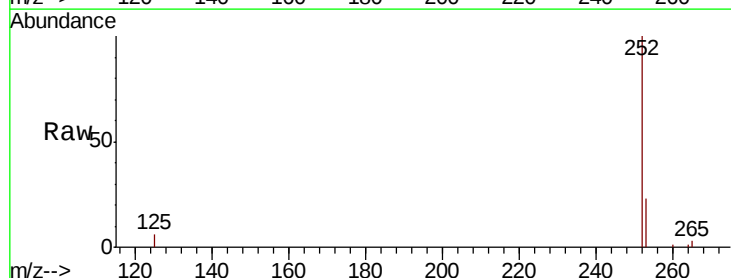
Tgt Ion:252 Resp: 10725

Ion Ratio Lower Upper

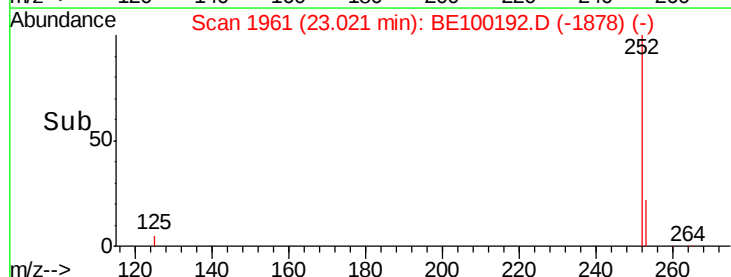
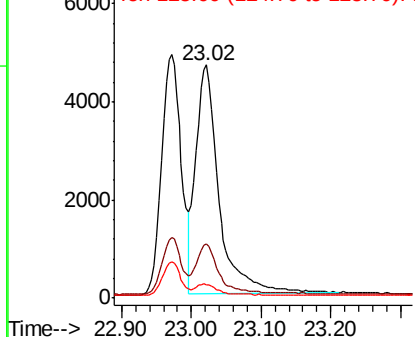
252 100

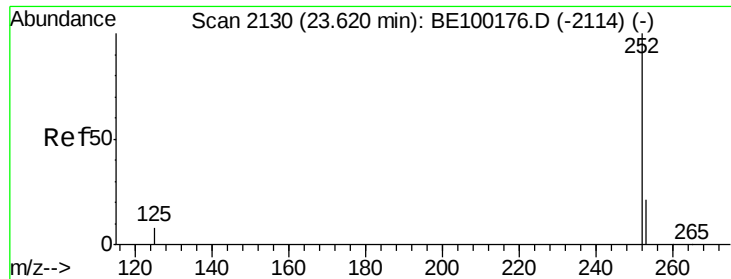
253 23.1 18.4 27.6

125 5.9 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: 0.430 ng

RT: 23.61 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BE100192.D

Acq: 26 Jun 2019 13:18

Instrument :

BNA_E

ClientSampleId :

PB120737BSD

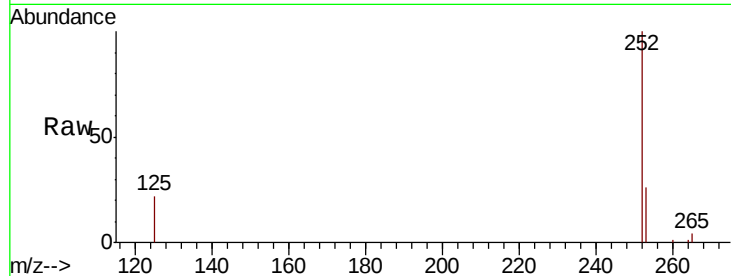
Tgt Ion:252 Resp: 9844

Ion Ratio Lower Upper

252 100

253 26.3 19.2 28.8

125 21.5 8.2 12.2#

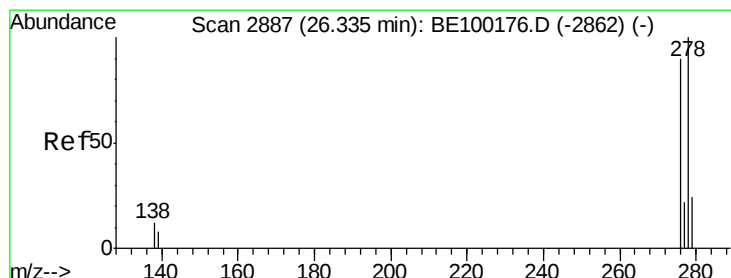
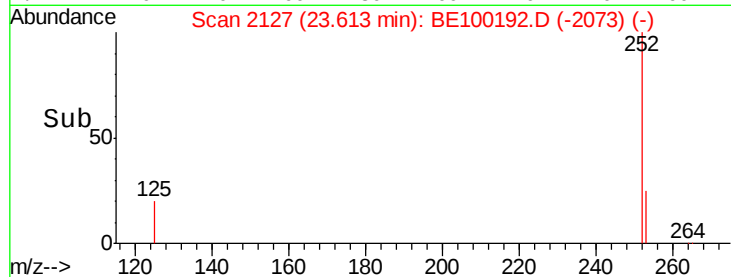
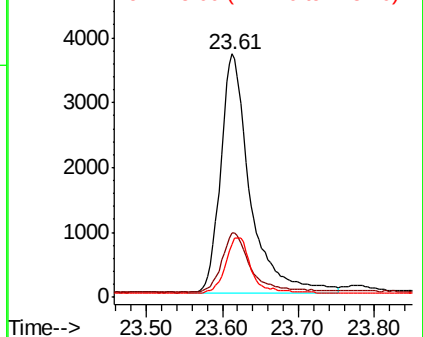


Abundance

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: 0.373 ng

RT: 26.33 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BE100192.D

Acq: 26 Jun 2019 13:18

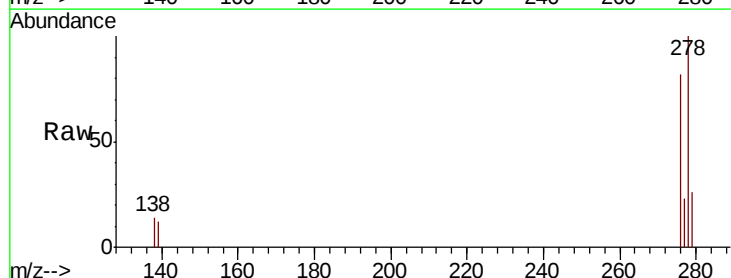
Tgt Ion:278 Resp: 9142

Ion Ratio Lower Upper

278 100

139 11.8 9.0 13.4

279 25.7 21.1 31.7

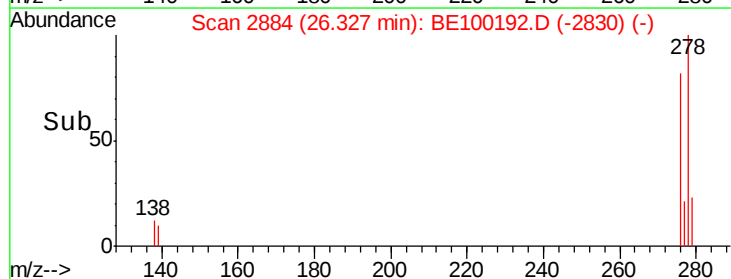
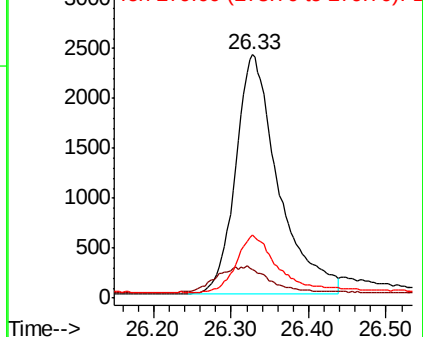


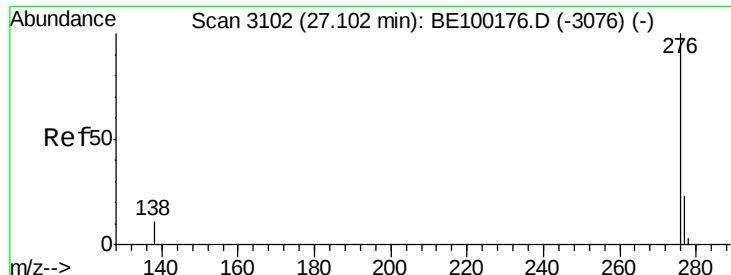
Abundance

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(g,h,i)perylene

Concen: 0.386 ng

RT: 27.10 min Scan# 3100

Delta R.T. -0.00 min

Lab File: BE100192.D

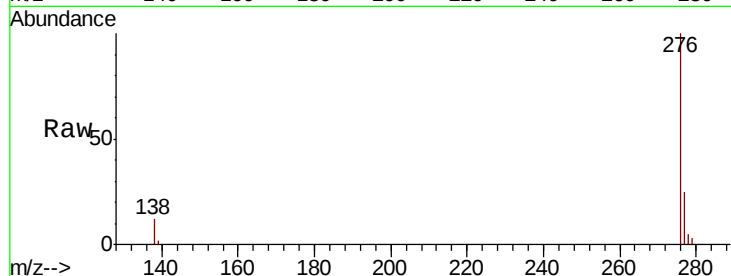
Acq: 26 Jun 2019 13:18

Instrument :

BNA_E

ClientSampleId :

PB120737BSD



Tgt Ion: 276 Resp: 9883

Ion Ratio Lower Upper

276 100

277 25.4 19.8 29.6

138 11.8 10.2 15.4

