

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101819\
 Data File : BE100660.D
 Acq On : 18 Oct 2019 19:06
 Operator : JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 23:46:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 10 14:01:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	6855	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	27531	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	15650	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	32270	0.40	ng	0.00
27) Chrysene-d12	21.37	240	33808	0.40	ng	0.00
34) Perylene-d12	23.85	264	38001	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	9262	0.44	ng	0.02
5) Phenol-d6	7.02	99	13430	0.45	ng	0.01
8) Nitrobenzene-d5	8.99	82	10494	0.61	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	16498	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	2531	0.61	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	25837	0.45	ng	-0.01
25) Fluoranthene-d10	19.22	212	148522	0.36	ng	0.00
29) Terphenyl-d14	19.82	244	36460	0.49	ng	0.00

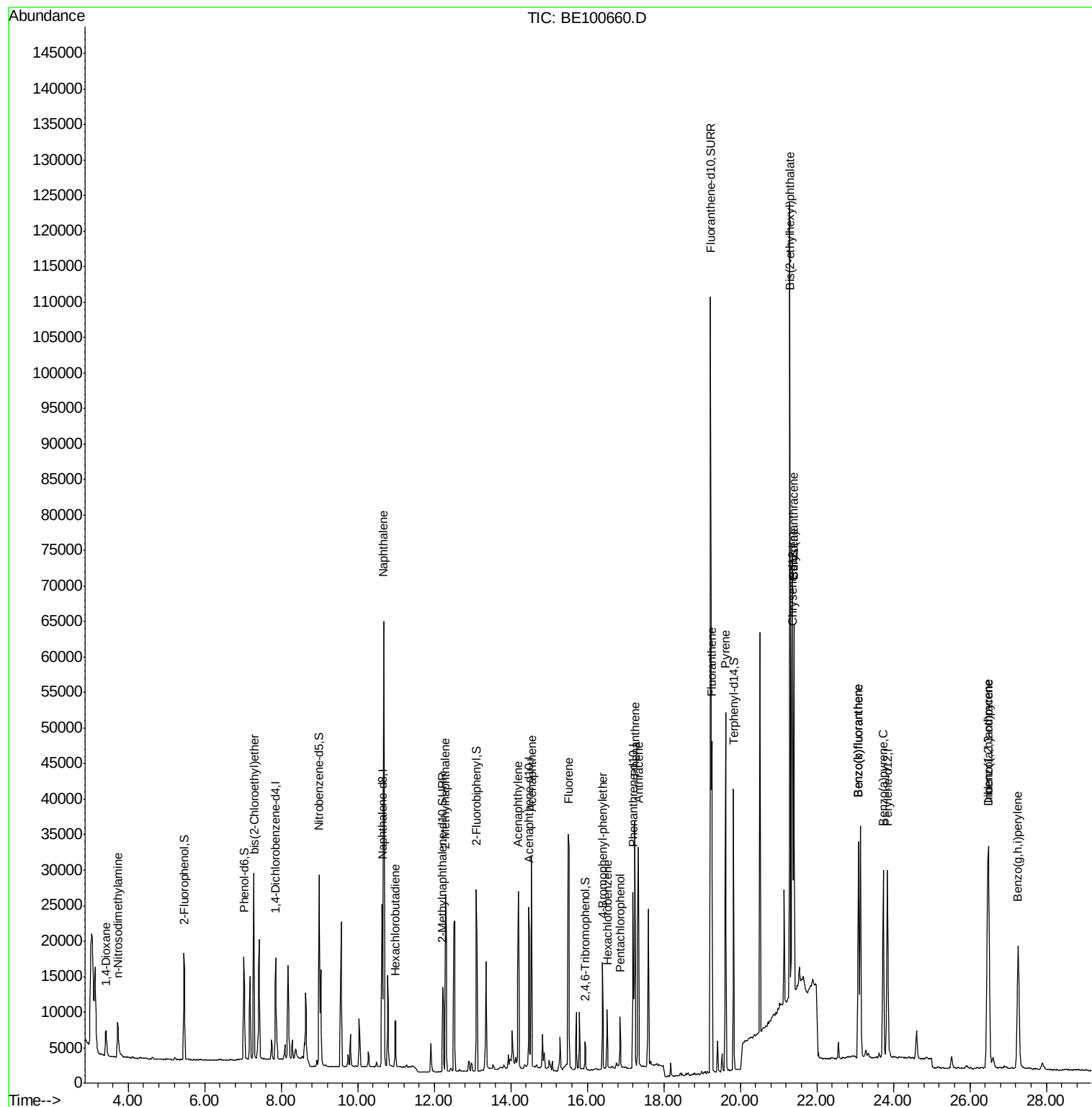
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.43	88	3886	0.318	ng	# 100
3) n-Nitrosodimethylamine	3.73	42	4759	0.368	ng	90
6) bis(2-Chloroethyl)ether	7.29	93	9668	0.395	ng	96
9) Naphthalene	10.68	128	113350	0.392	ng	99
10) Hexachlorobutadiene	10.99	225	5213	0.414	ng	99
12) 2-Methylnaphthalene	12.30	142	18868	0.382	ng	96
16) Acenaphthylene	14.20	152	30069	0.447	ng	99
17) Acenaphthene	14.54	154	16961	0.390	ng	100
18) Fluorene	15.51	166	24069	0.416	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	6800	0.414	ng	# 75
21) Hexachlorobenzene	16.52	284	6270	0.401	ng	99
22) Pentachlorophenol	16.85	266	3451	0.685	ng	98
23) Phenanthrene	17.24	178	35717	0.402	ng	99
24) Anthracene	17.33	178	33612	0.408	ng	99
26) Fluoranthene	19.25	202	43098	0.372	ng	100
28) Pyrene	19.61	202	45581	0.483	ng	98
30) Benzo(a)anthracene	21.40	228	44399	0.403	ng	94
31) Chrysene	21.40	228	44174	0.401	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	121206	0.525	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.47	276	51813	0.383	ng	99
35) Benzo(b)fluoranthene	23.09	252	44458	0.401	ng	96
36) Benzo(k)fluoranthene	23.09	252	44458	0.390	ng	96
37) Benzo(a)pyrene	23.73	252	42237	0.409	ng	# 97
38) Dibenzo(a,h)anthracene	26.49	278	42021	0.394	ng	96
39) Benzo(g,h,i)perylene	27.26	276	43263	0.403	ng	97

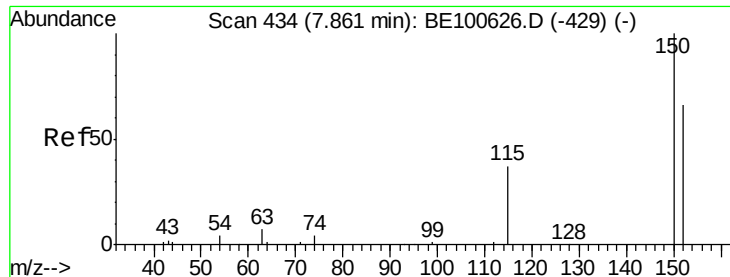
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101819\
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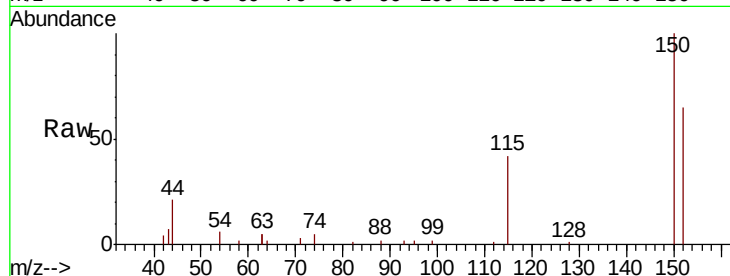


#1

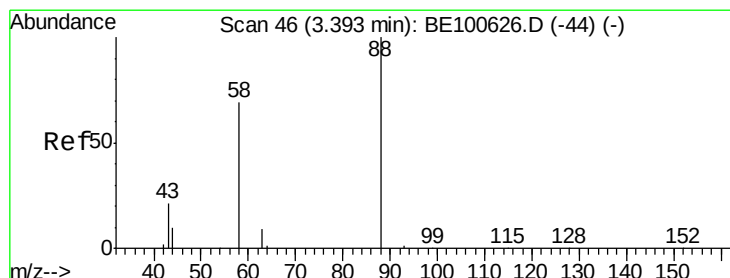
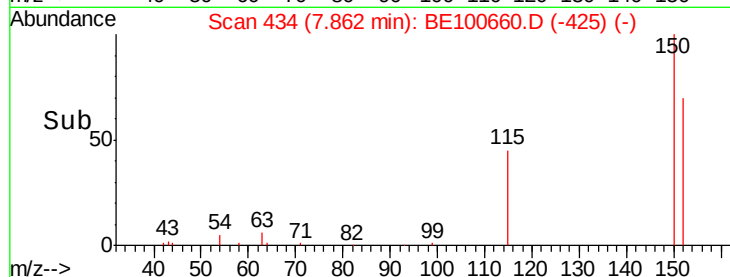
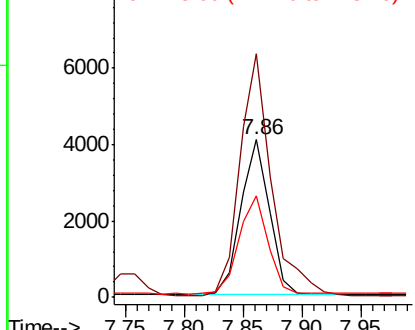
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100660.D
Acq: 18 Oct 2019 19:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 6855
Ion Ratio Lower Upper
152 100
150 154.8 120.7 181.1
115 64.9 48.0 72.0



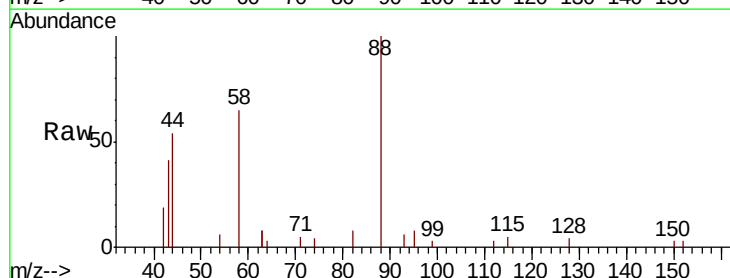
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



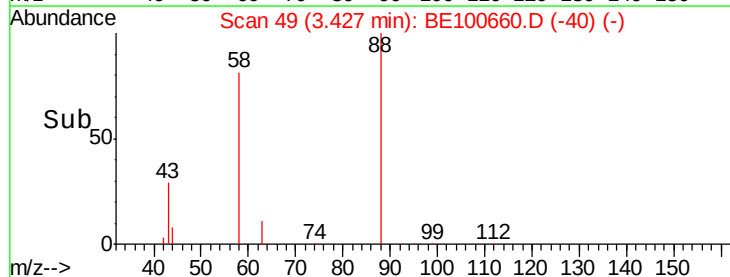
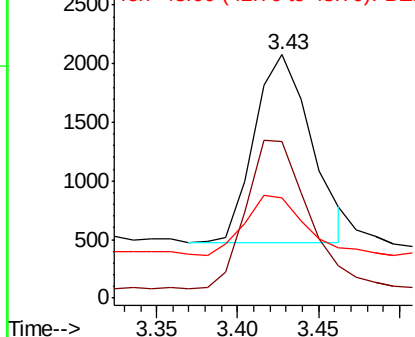
#2

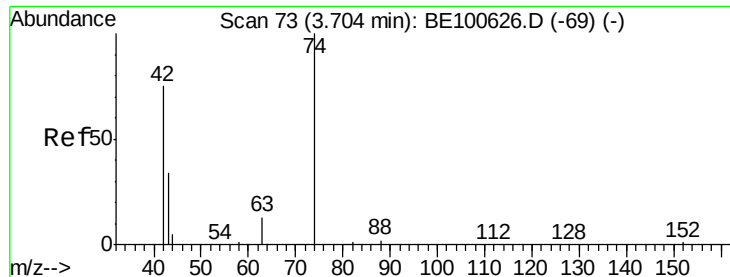
1,4-Dioxane
Concen: 0.318 ng
RT: 3.43 min Scan# 49
Delta R.T. 0.03 min
Lab File: BE100660.D
Acq: 18 Oct 2019 19:06

Tgt Ion: 88 Resp: 3886
Ion Ratio Lower Upper
88 100
58 85.4 0.0 0.0#
43 33.4 0.0 0.0#



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: 0.368 ng

RT: 3.73 min Scan# 75

Delta R.T. 0.02 min

Lab File: BE100660.D

Acq: 18 Oct 2019 19:06

Instrument :

BNA_F

ClientSampleId :

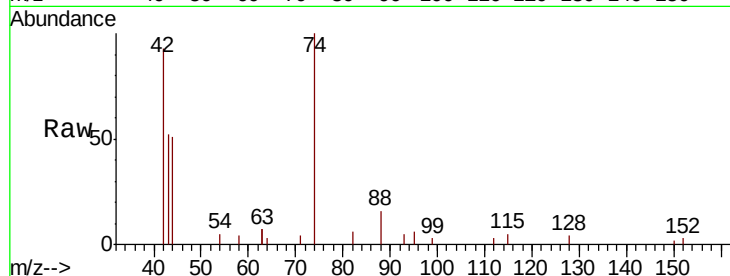
Tot Ion: 42 Resp: 4759

Ion Ratio Lower Upper

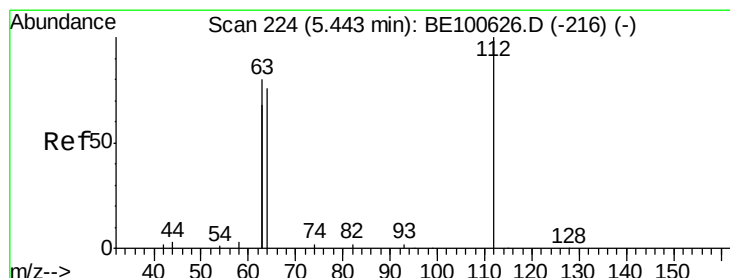
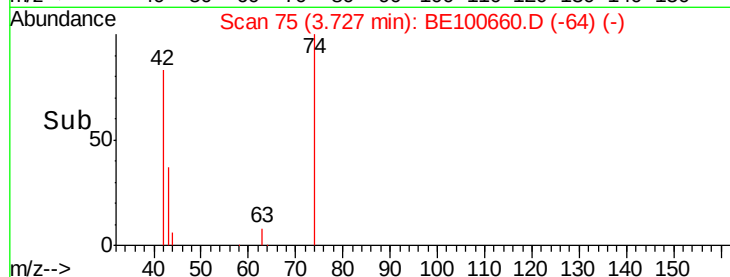
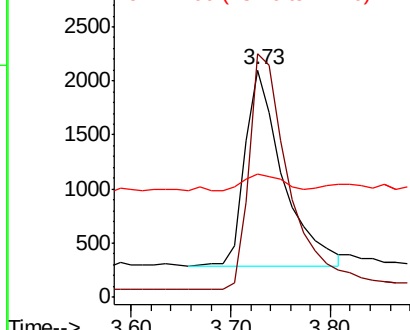
42 100

74 125.4 91.7 137.5

44 8.7 8.2 12.2



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: 0.438 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.02 min

Lab File: BE100660.D

Acq: 18 Oct 2019 19:06

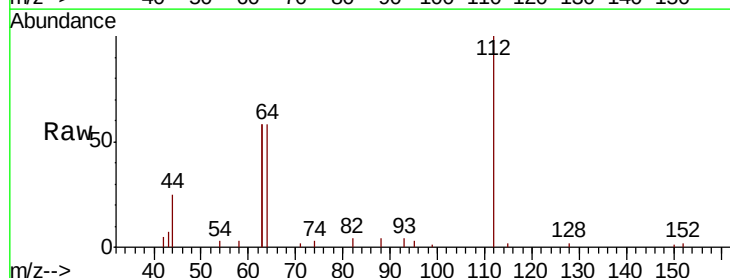
Tgt Ion: 112 Resp: 9262

Ion Ratio Lower Upper

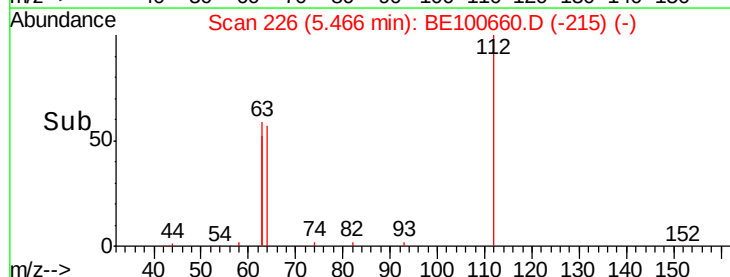
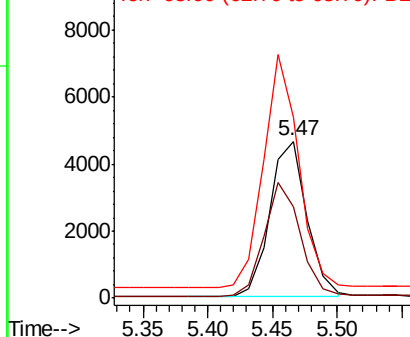
112 100

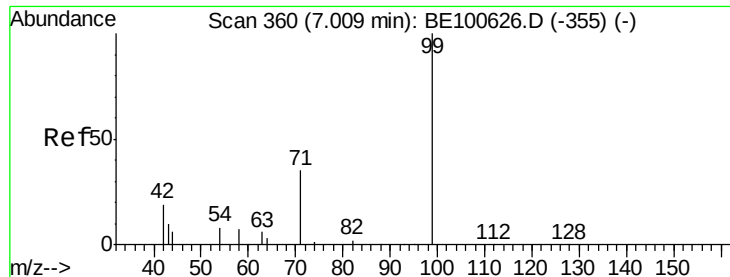
64 71.1 58.9 88.3

63 143.8 118.3 177.5



Abundance Ion 112.00 (111.70 to 112.70): BE1
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.450 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.01 min

Lab File: BE100660.D

Acq: 18 Oct 2019 19:06

Instrument :

BNA_F

ClientSampleId :

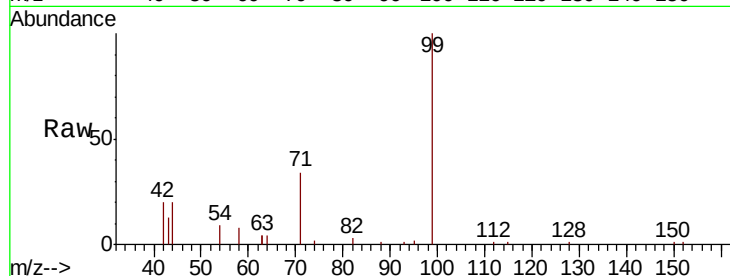
Tot Ion: 99 Resp: 13430

Ion Ratio Lower Upper

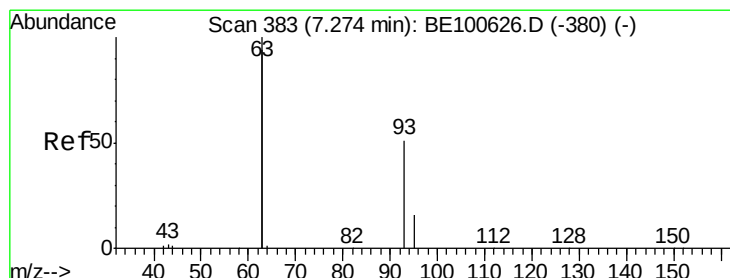
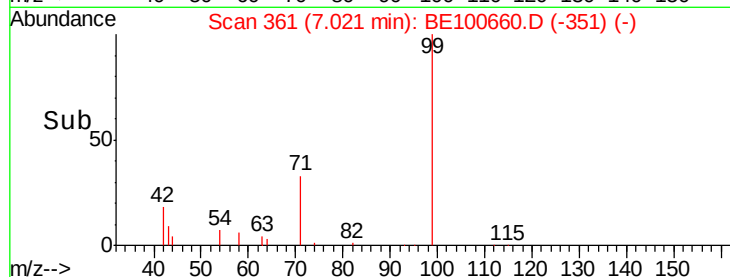
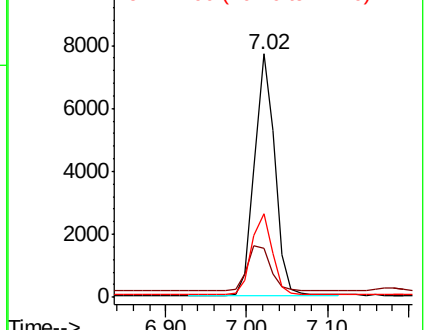
99 100

42 22.0 19.4 29.2

71 34.1 26.9 40.3



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: 0.395 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.01 min

Lab File: BE100660.D

Acq: 18 Oct 2019 19:06

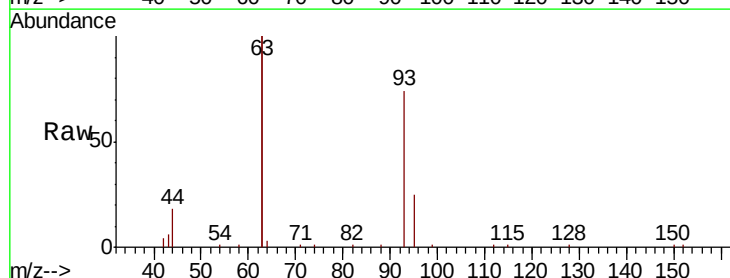
Tgt Ion: 93 Resp: 9668

Ion Ratio Lower Upper

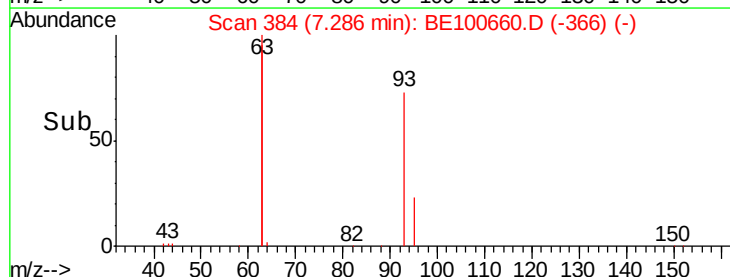
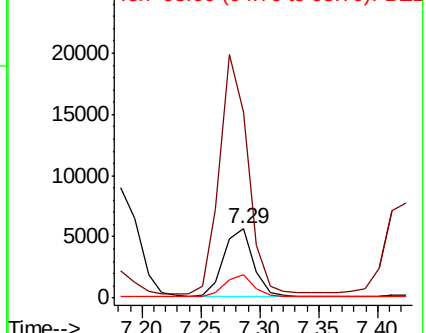
93 100

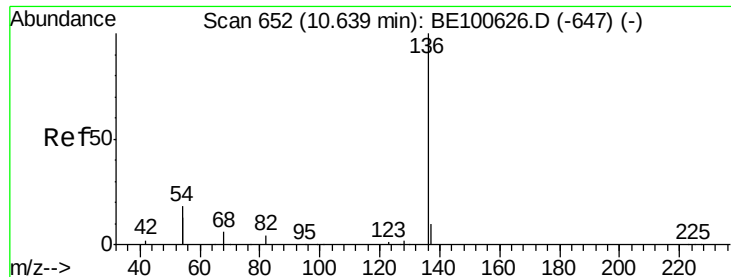
63 337.3 277.4 416.0

95 31.2 24.7 37.1



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: 10.64 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE100660.D

Acq: 18 Oct 2019 19:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 27531

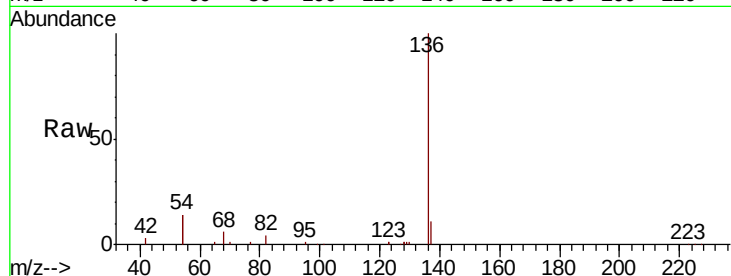
Ion Ratio Lower Upper

136 100

137 11.4 8.6 13.0

54 27.2 28.7 43.1#

68 6.1 5.9 8.9

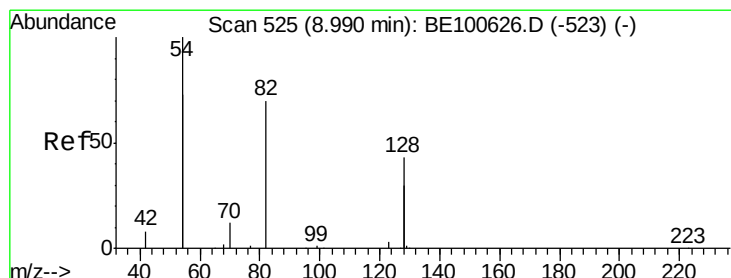
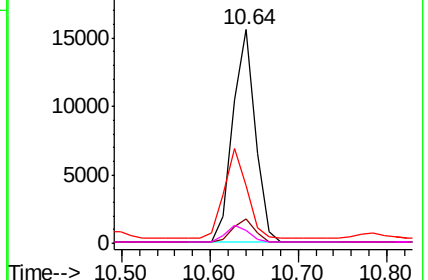
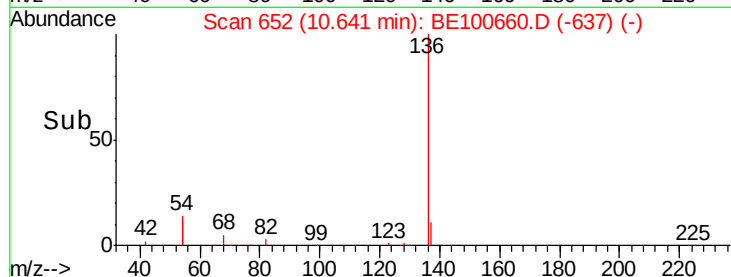


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.615 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE100660.D

Acq: 18 Oct 2019 19:06

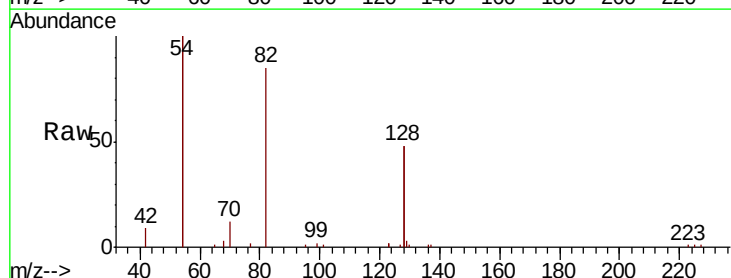
Tgt Ion: 82 Resp: 10494

Ion Ratio Lower Upper

82 100

128 112.7 90.7 136.1

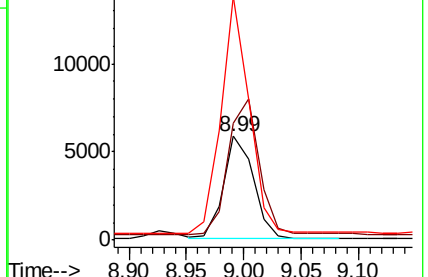
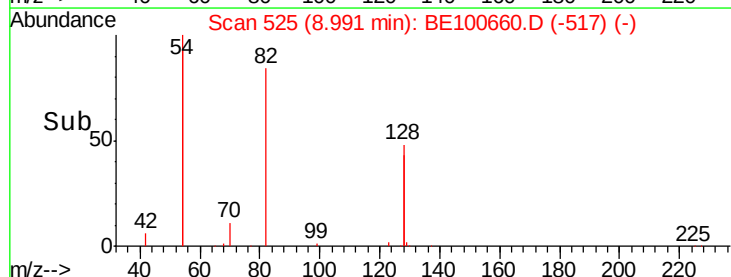
54 235.2 210.9 316.3

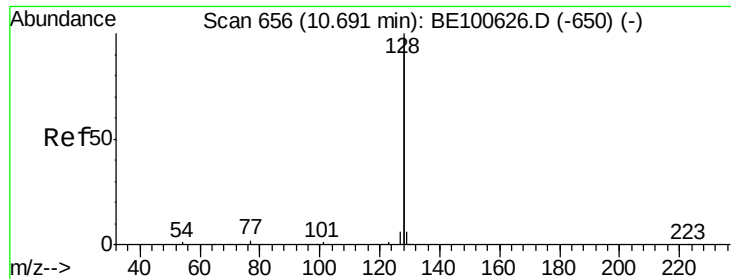


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.392 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE100660.D

Acq: 18 Oct 2019 19:06

Instrument :

BNA_F

ClientSampleId :

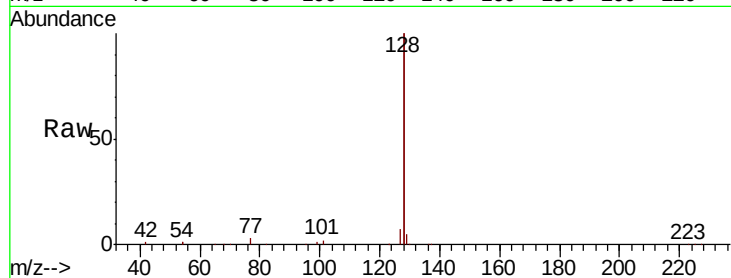
Tot Ion:128 Resp: 113350

Ion Ratio Lower Upper

128 100

129 2.7 2.4 3.6

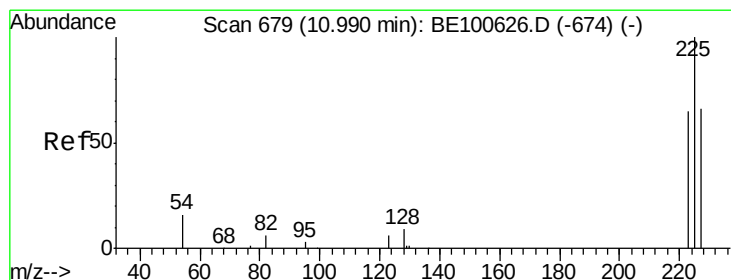
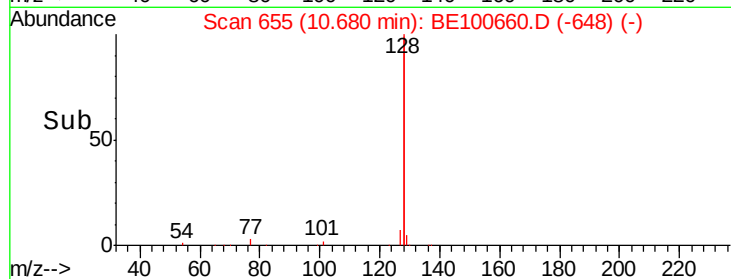
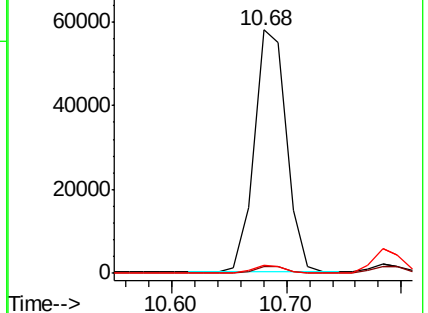
127 3.4 2.6 3.8



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: 0.414 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE100660.D

Acq: 18 Oct 2019 19:06

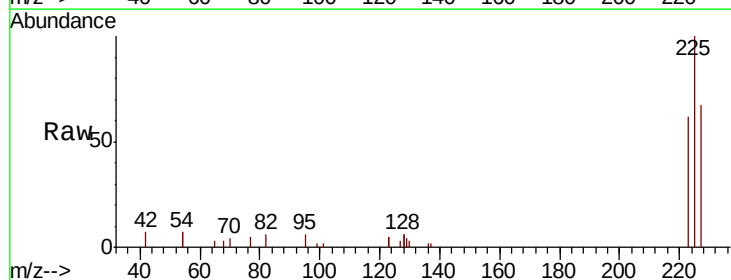
Tgt Ion:225 Resp: 5213

Ion Ratio Lower Upper

225 100

223 62.8 51.2 76.8

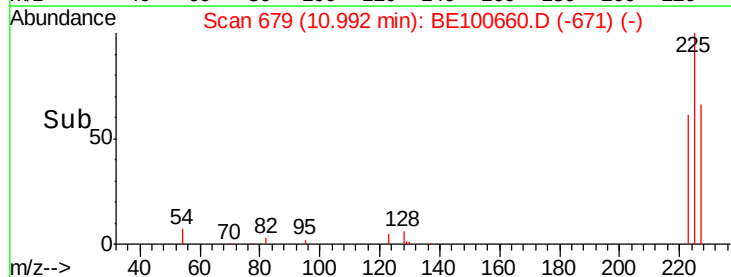
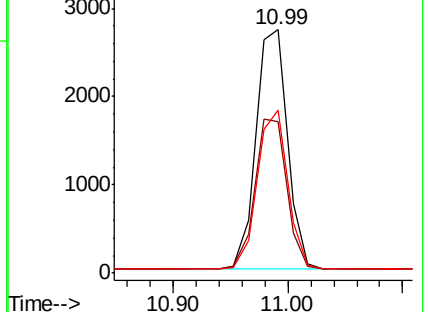
227 64.1 51.8 77.8

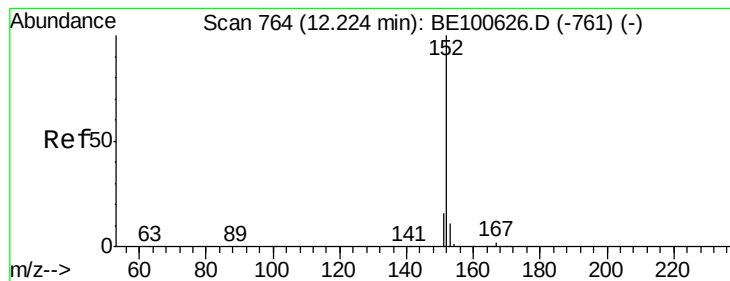


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.380 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE100660.D

Acq: 18 Oct 2019 19:06

Instrument :

BNA_F

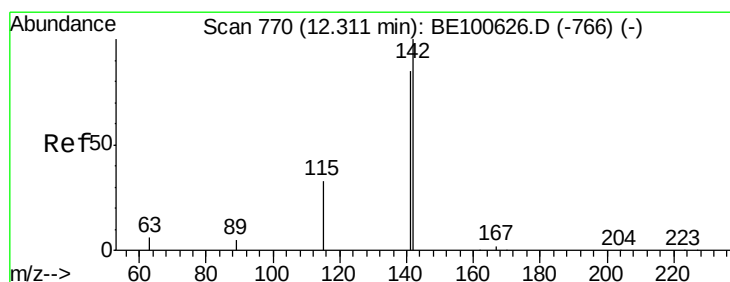
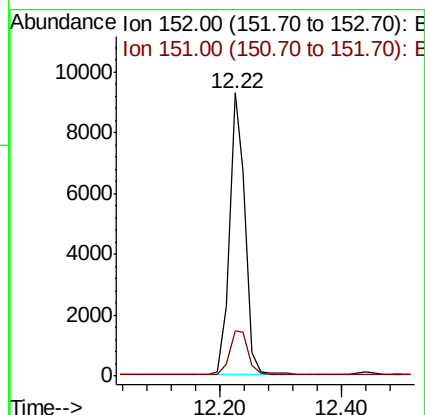
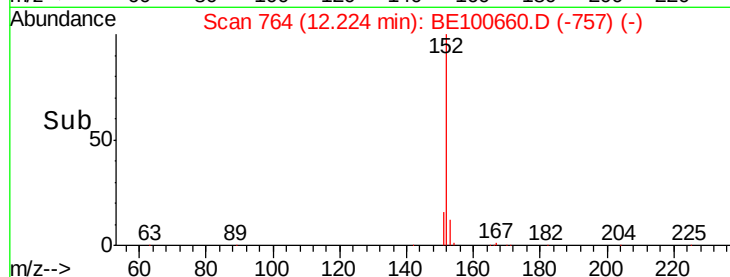
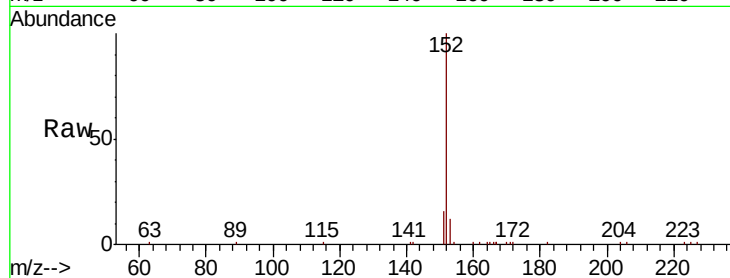
ClientSampled :

Tot Ion:152 Resp: 16498

Ion Ratio Lower Upper

152 100

151 18.4 15.2 22.8



#12

2-Methylnaphthalene

Concen: 0.382 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.01 min

Lab File: BE100660.D

Acq: 18 Oct 2019 19:06

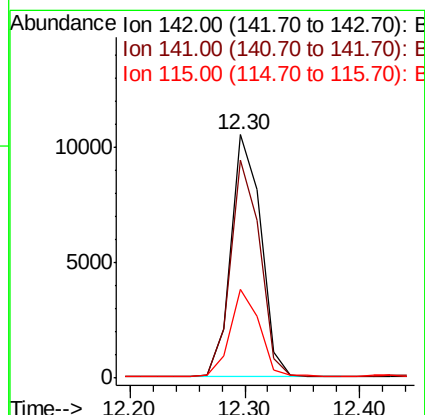
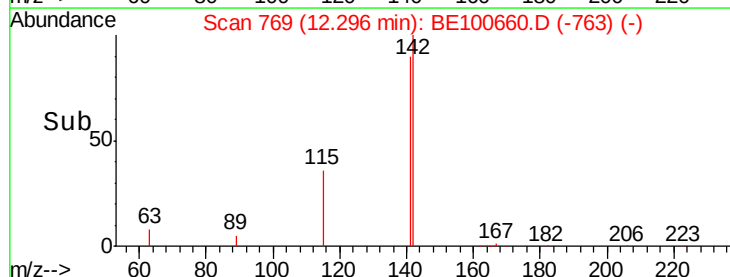
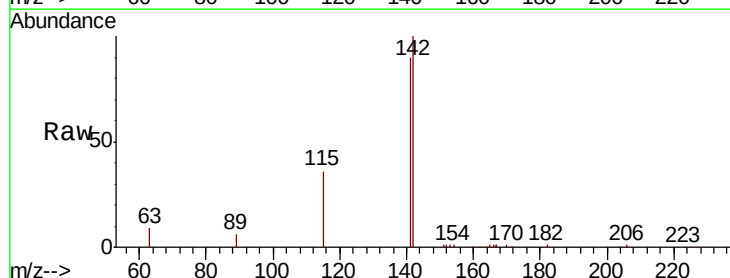
Tgt Ion:142 Resp: 18868

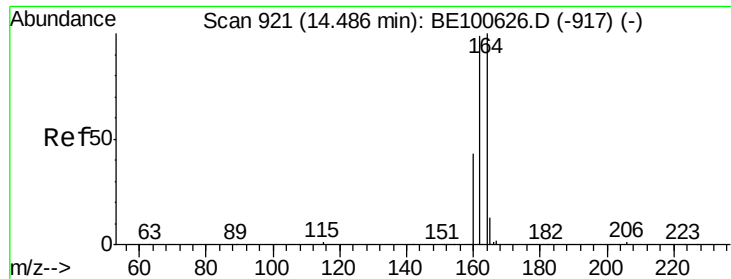
Ion Ratio Lower Upper

142 100

141 89.6 68.3 102.5

115 36.4 27.5 41.3

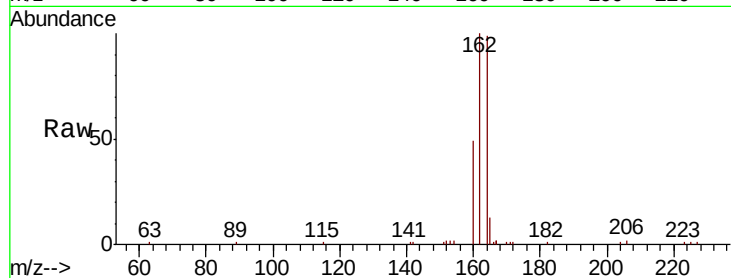




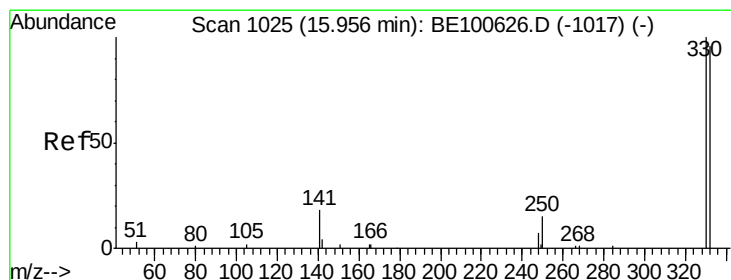
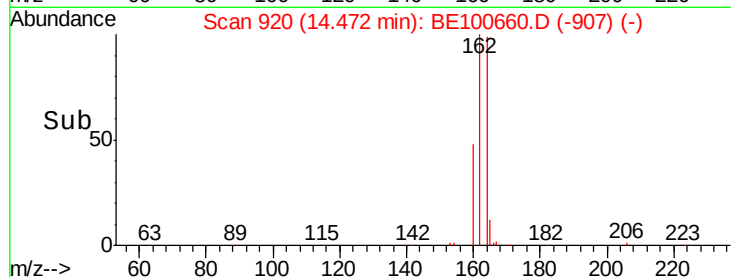
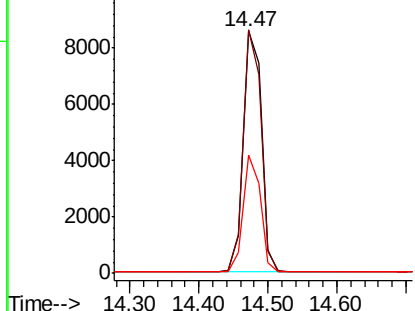
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BE100660.D
 Acq: 18 Oct 2019 19:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 15650
 Ion Ratio Lower Upper
 164 100
 162 100.6 79.1 118.7
 160 48.8 34.7 52.1

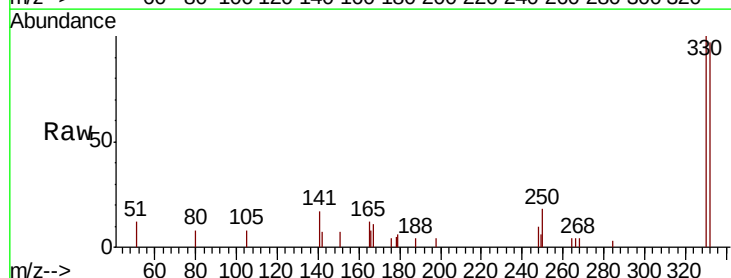


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

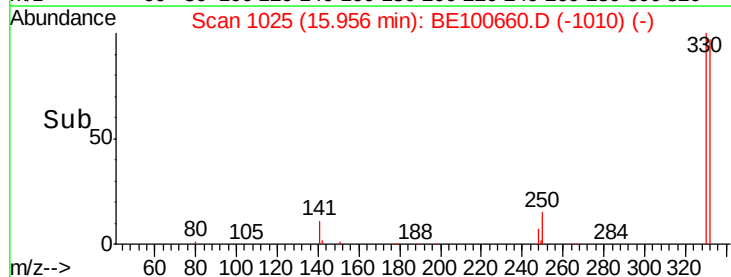
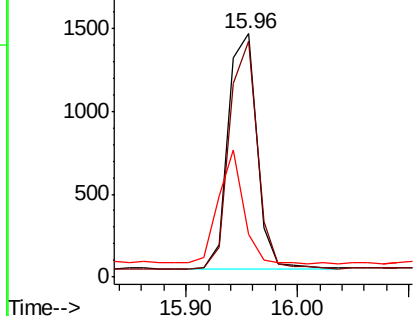


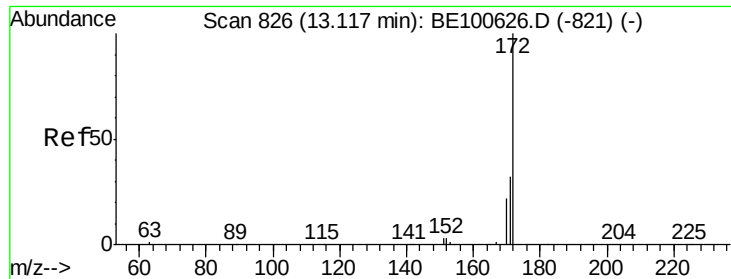
#14
 2,4,6-Tribromophenol
 Concen: 0.612 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BE100660.D
 Acq: 18 Oct 2019 19:06

Tgt Ion:330 Resp: 2531
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.2 112.8
 141 42.2 37.5 56.3



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

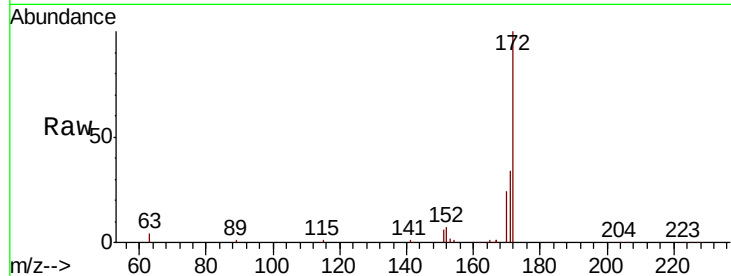




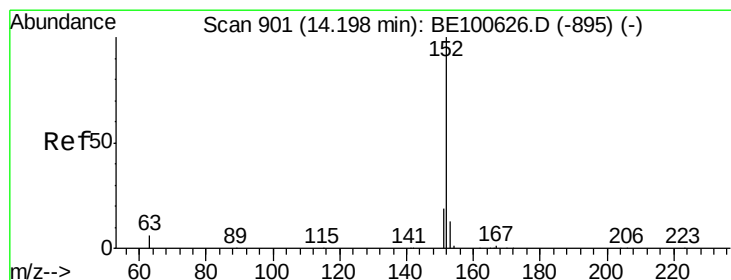
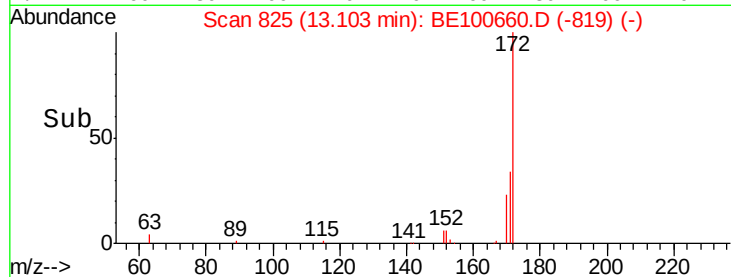
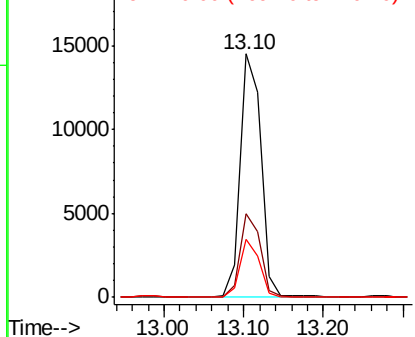
#15
2-Fluorobiphenyl
Concen: 0.453 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.01 min
Lab File: BE100660.D
Acq: 18 Oct 2019 19:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 25837
Ion Ratio Lower Upper
172 100
171 34.3 26.2 39.4
170 23.7 17.5 26.3

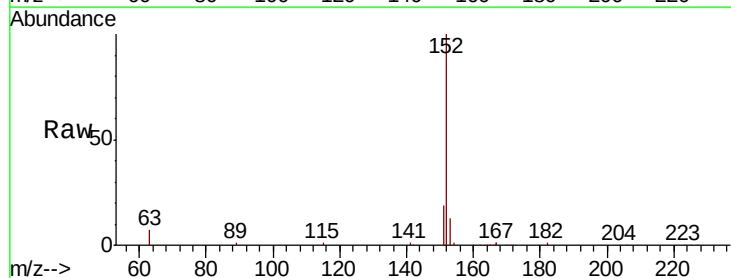


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

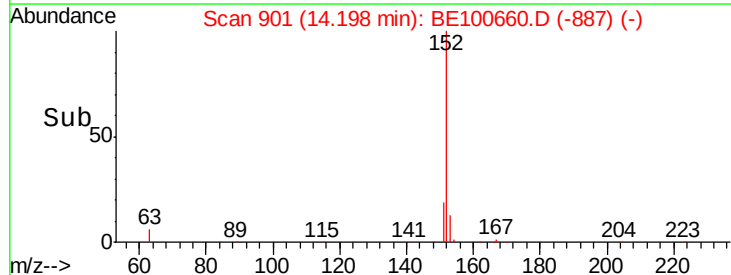
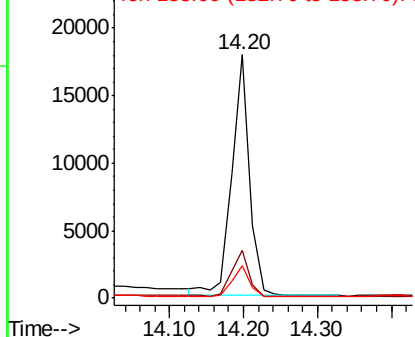


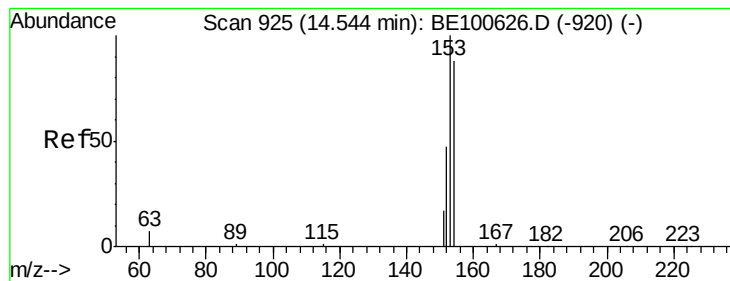
#16
Acenaphthylene
Concen: 0.447 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE100660.D
Acq: 18 Oct 2019 19:06

Tgt Ion:152 Resp: 30069
Ion Ratio Lower Upper
152 100
151 19.2 15.6 23.4
153 12.6 10.5 15.7



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: 0.390 ng

RT: 14.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE100660.D

Acq: 18 Oct 2019 19:06

Instrument :

BNA_F

ClientSampleId :

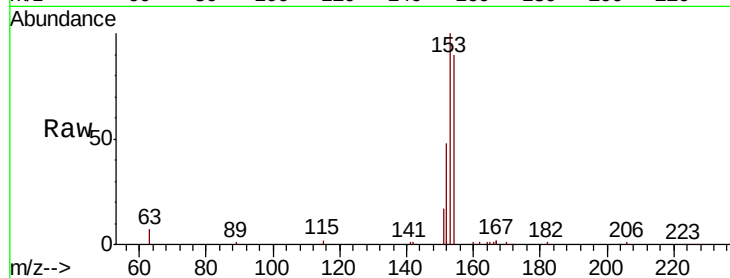
Tot Ion:154 Resp: 16961

Ion Ratio Lower Upper

154 100

153 114.1 91.4 137.2

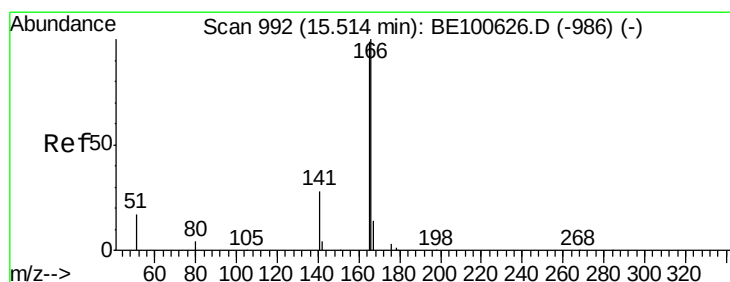
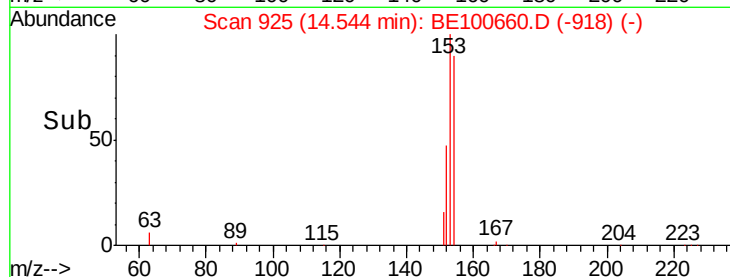
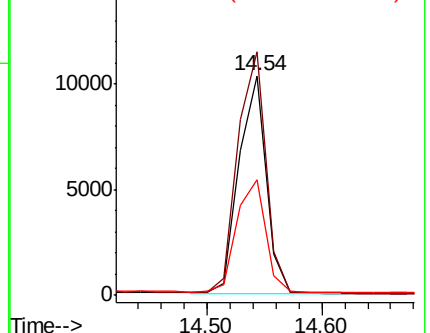
152 55.1 44.0 66.0



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: 0.416 ng

RT: 15.51 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE100660.D

Acq: 18 Oct 2019 19:06

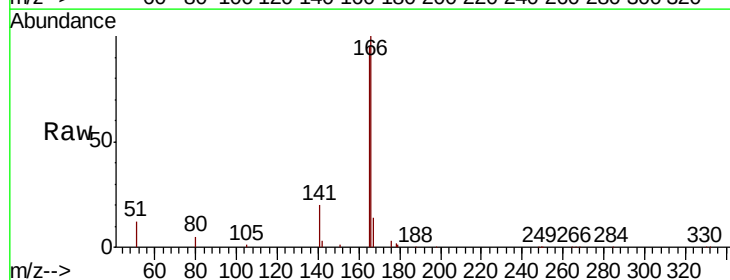
Tgt Ion:166 Resp: 24069

Ion Ratio Lower Upper

166 100

165 98.0 78.9 118.3

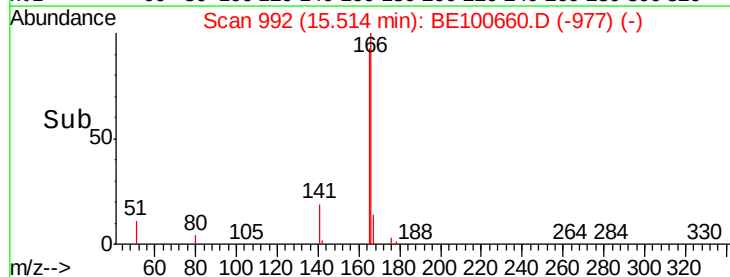
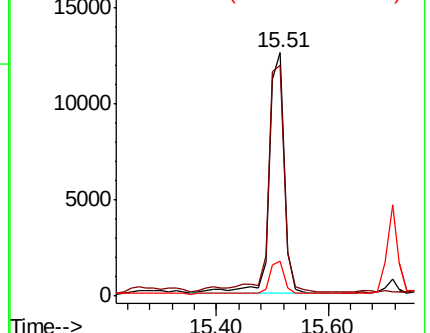
167 12.4 10.9 16.3

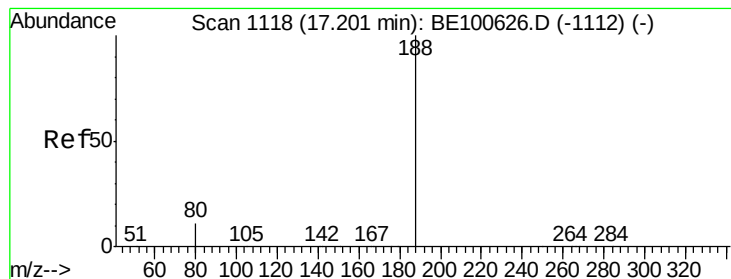


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.20 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BE100660.D

Acq: 18 Oct 2019 19:06

Instrument :

BNA_F

ClientSampleId :

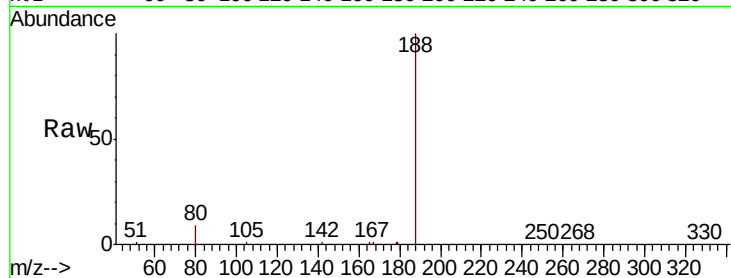
Tot Ion:188 Resp: 32270

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

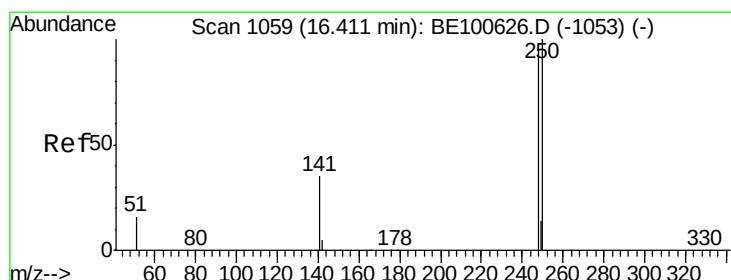
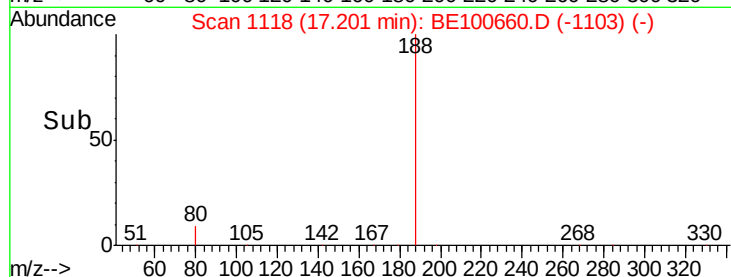
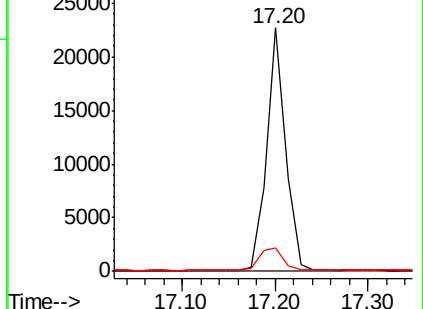
80 9.5 9.4 14.2



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: 0.414 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE100660.D

Acq: 18 Oct 2019 19:06

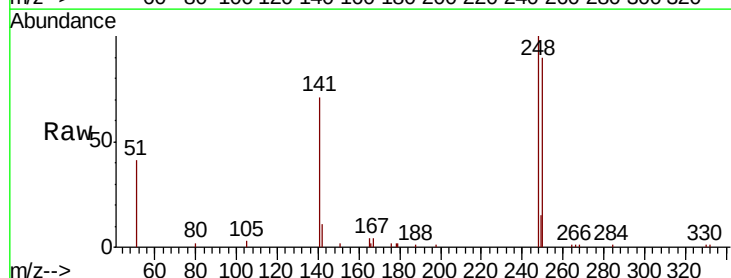
Tgt Ion:248 Resp: 6800

Ion Ratio Lower Upper

248 100

250 90.0 83.4 125.2

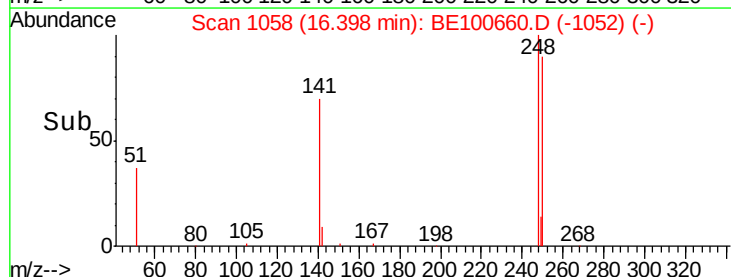
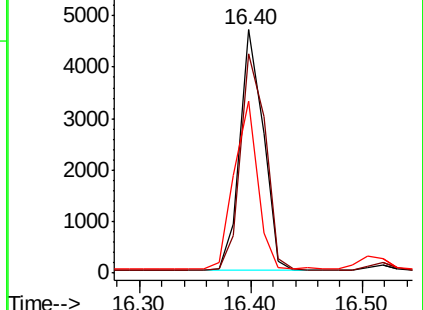
141 70.8 30.8 46.2#

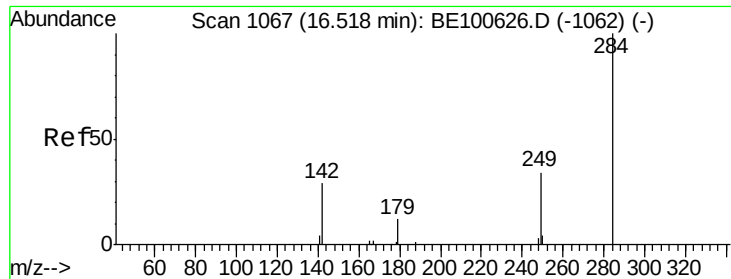


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

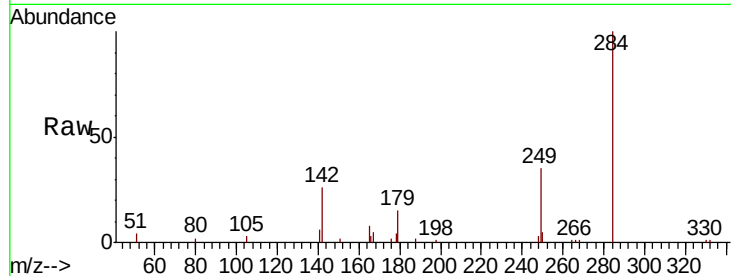




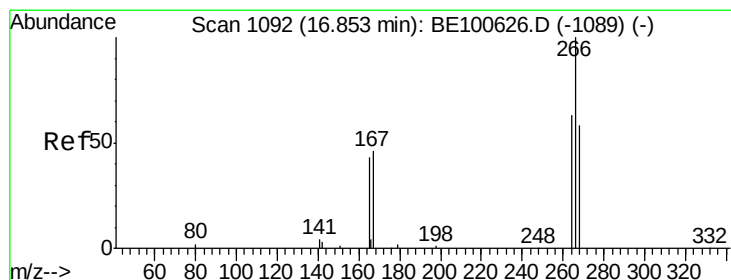
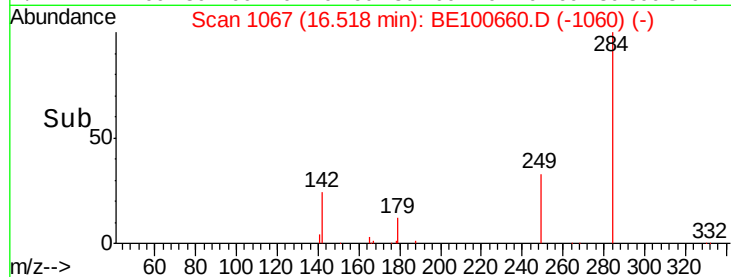
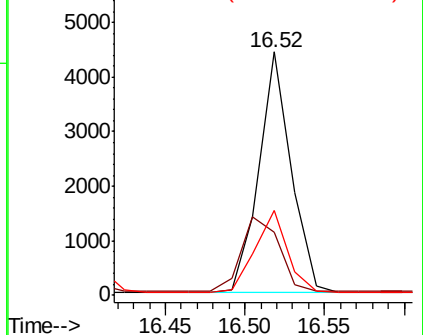
#21
Hexachlorobenzene
Concen: 0.401 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE100660.D
Acq: 18 Oct 2019 19:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 6270
Ion Ratio Lower Upper
284 100
142 36.5 29.8 44.8
249 34.0 27.3 40.9

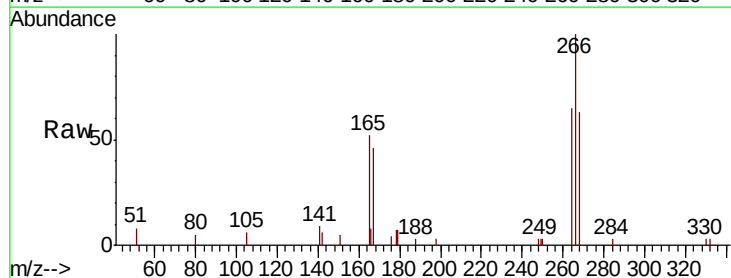


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

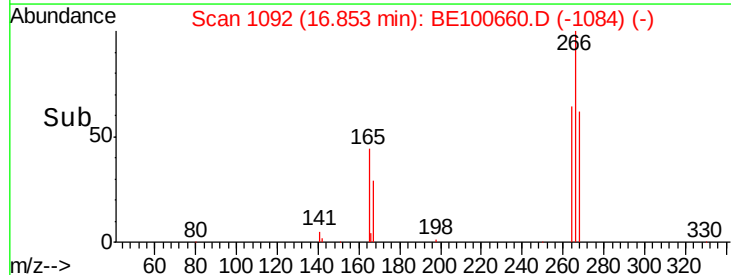
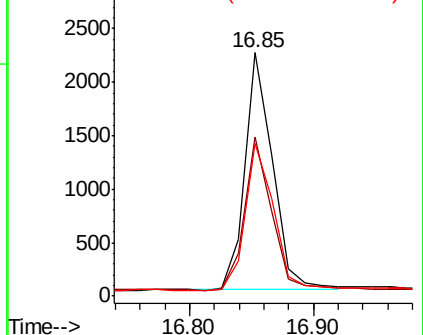


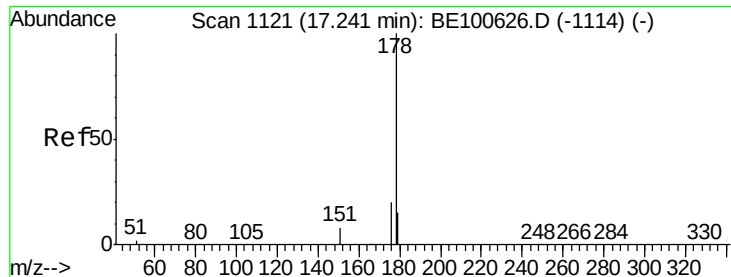
#22
Pentachlorophenol
Concen: 0.685 ng
RT: 16.85 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE100660.D
Acq: 18 Oct 2019 19:06

Tgt Ion:266 Resp: 3451
Ion Ratio Lower Upper
266 100
264 65.2 50.7 76.1
268 62.5 48.5 72.7



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

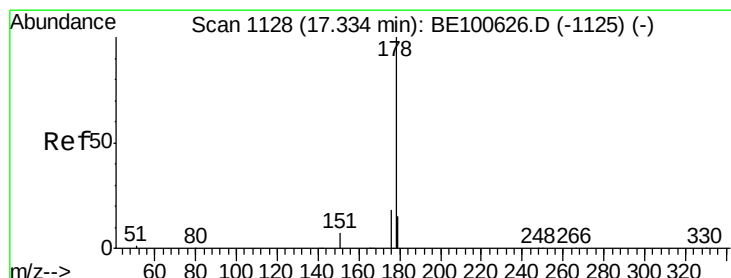
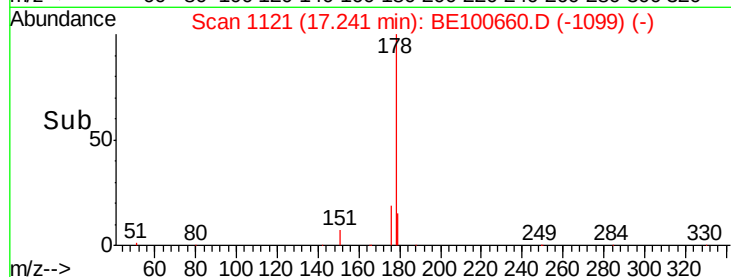
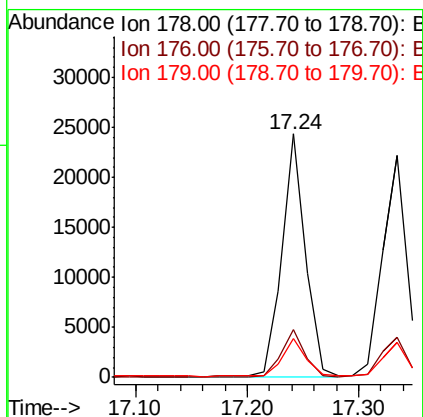
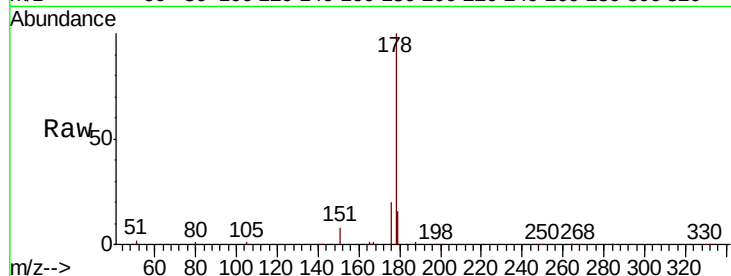




#23
Phenanthrene
Concen: 0.402 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE100660.D
Acq: 18 Oct 2019 19:06

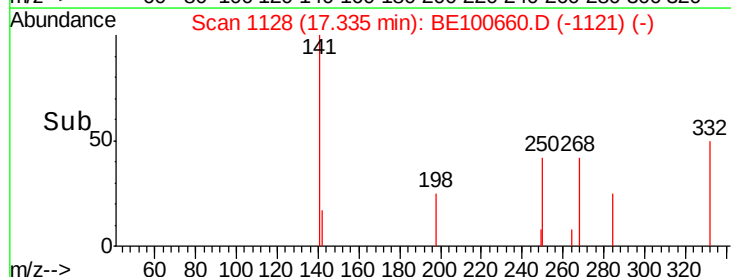
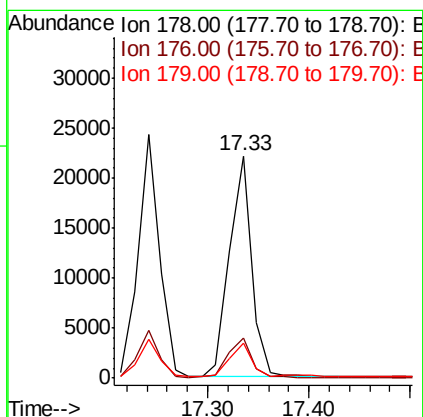
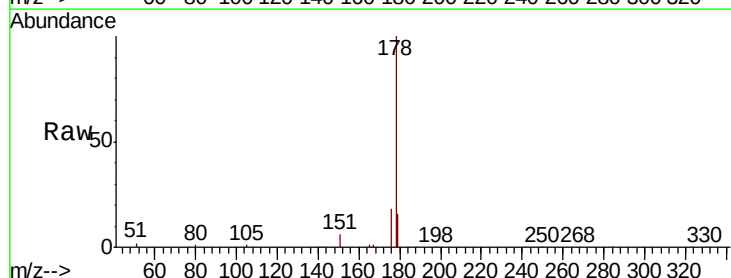
Instrument :
BNA_F
ClientSampleId :

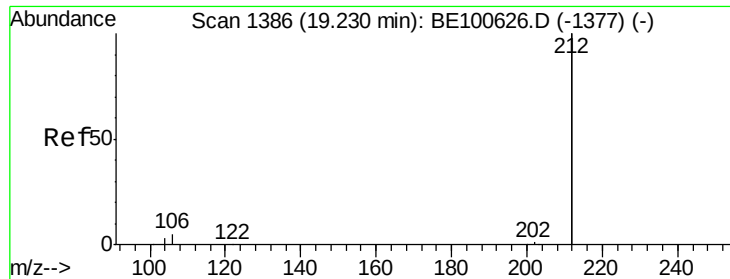
Tot Ion:178 Resp: 35717
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.8 12.4 18.6



#24
Anthracene
Concen: 0.408 ng
RT: 17.33 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE100660.D
Acq: 18 Oct 2019 19:06

Tgt Ion:178 Resp: 33612
Ion Ratio Lower Upper
178 100
176 18.5 14.5 21.7
179 15.3 12.4 18.6

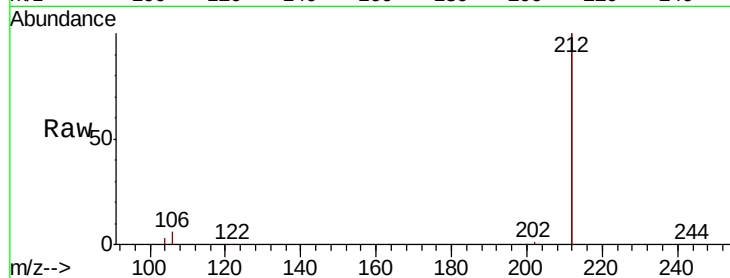




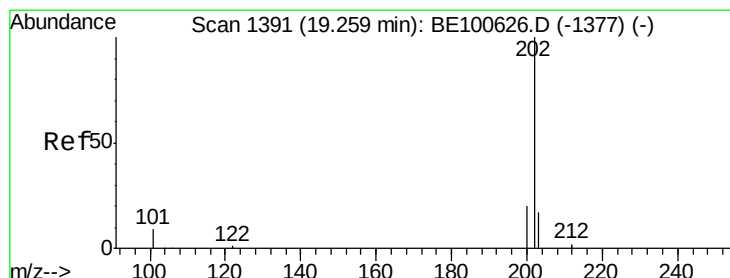
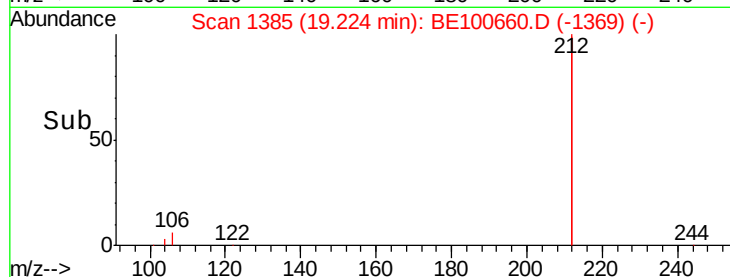
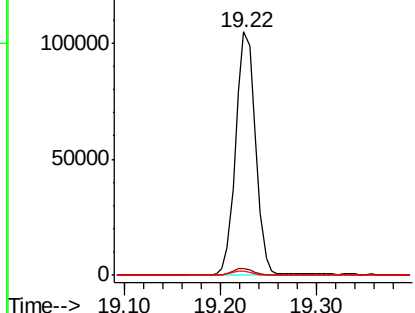
#25
 Fluoranthene-d10
 Concen: 0.357 ng
 RT: 19.22 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BE100660.D
 Acq: 18 Oct 2019 19:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:212 Resp: 148522
 Ion Ratio Lower Upper
 212 100
 106 2.9 2.2 3.4
 104 1.6 1.3 1.9

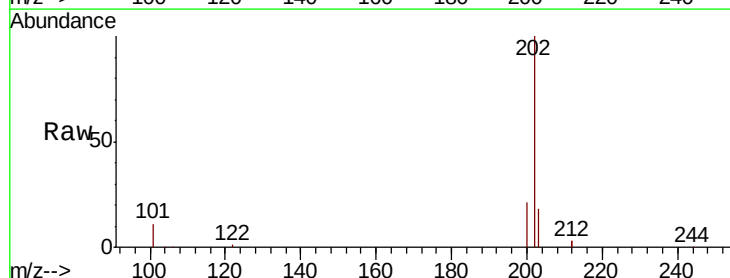


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

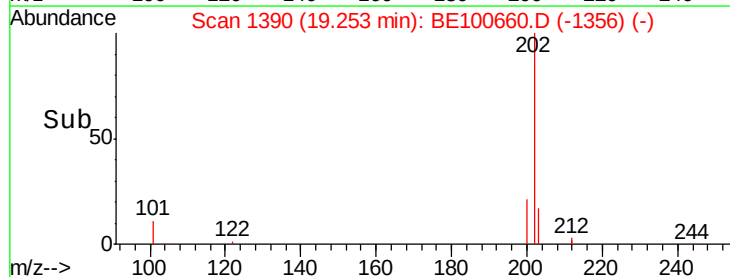
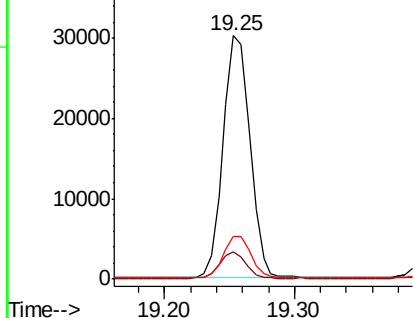


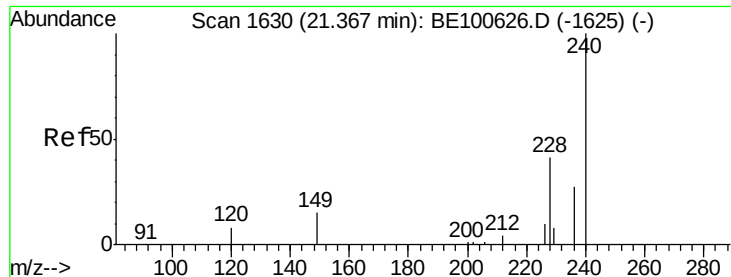
#26
 Fluoranthene
 Concen: 0.372 ng
 RT: 19.25 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BE100660.D
 Acq: 18 Oct 2019 19:06

Tgt Ion:202 Resp: 43098
 Ion Ratio Lower Upper
 202 100
 101 10.5 8.4 12.6
 203 17.1 13.8 20.6



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: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE100660.D

Acq: 18 Oct 2019 19:06

Instrument :

BNA_F

ClientSampleId :

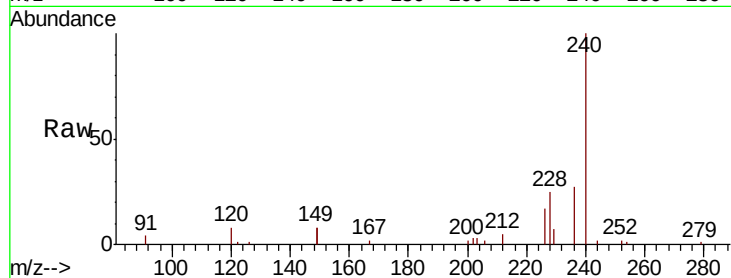
Tot Ion:240 Resp: 33808

Ion Ratio Lower Upper

240 100

120 7.6 7.4 11.0

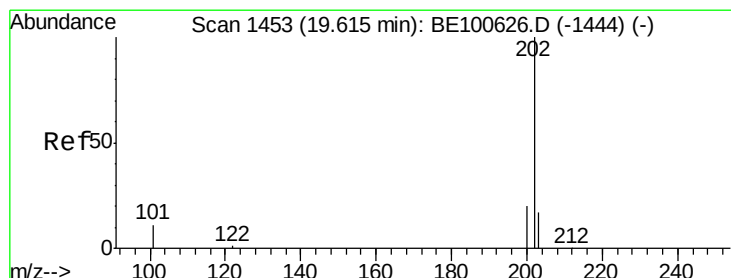
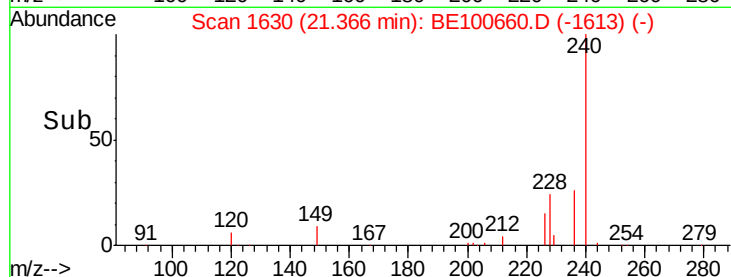
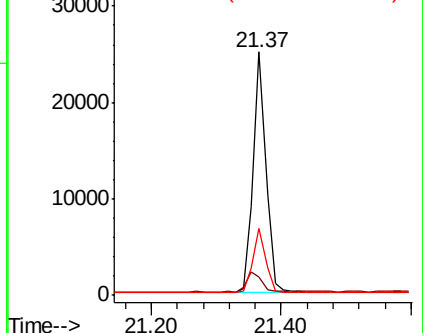
236 27.3 21.7 32.5



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: 0.483 ng

RT: 19.61 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BE100660.D

Acq: 18 Oct 2019 19:06

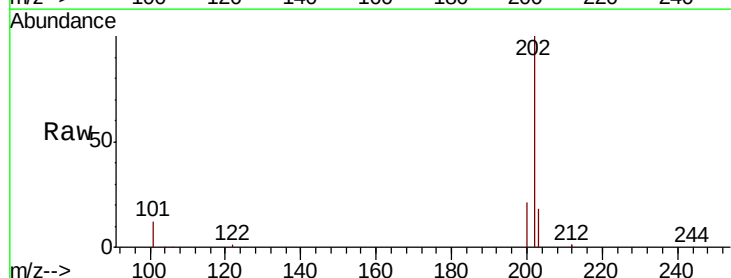
Tgt Ion:202 Resp: 45581

Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

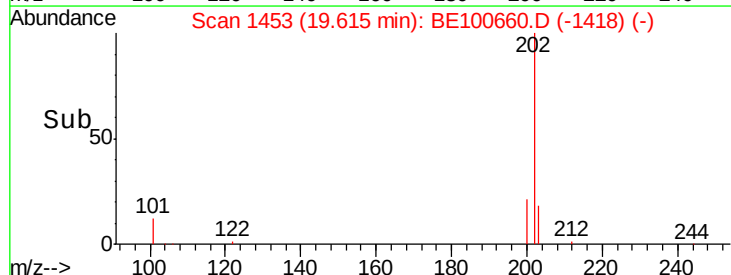
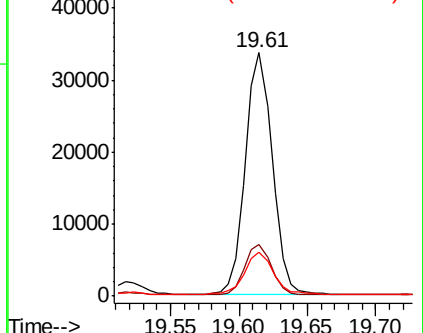
203 18.9 13.9 20.9

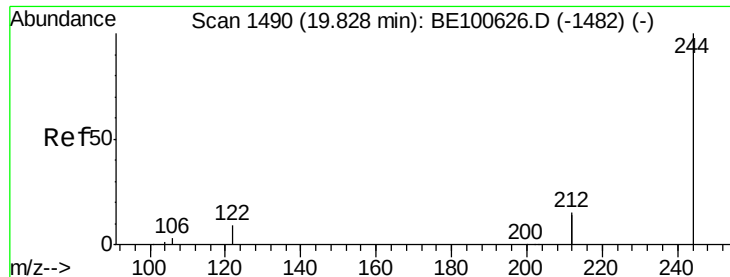


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.493 ng

RT: 19.82 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BE100660.D

Acq: 18 Oct 2019 19:06

Instrument :

BNA_F

ClientSampleId :

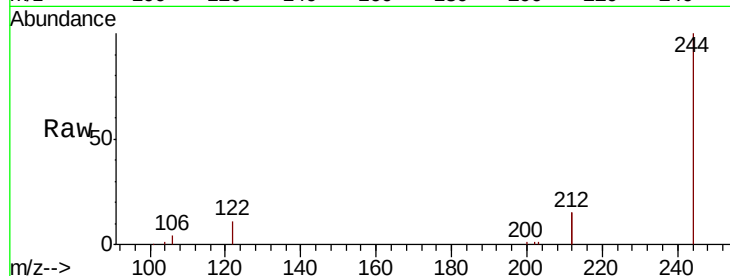
Tot Ion:244 Resp: 36460

Ion Ratio Lower Upper

244 100

212 30.7 23.9 35.9

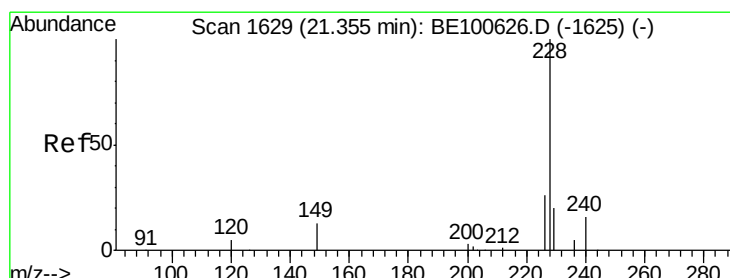
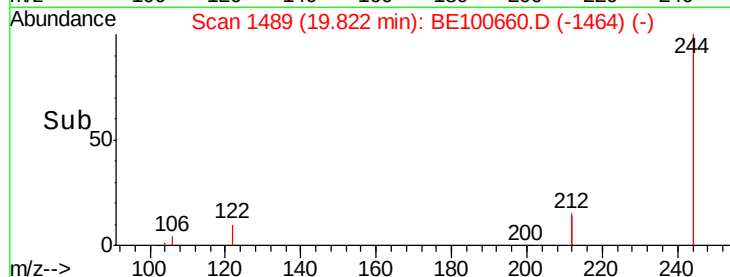
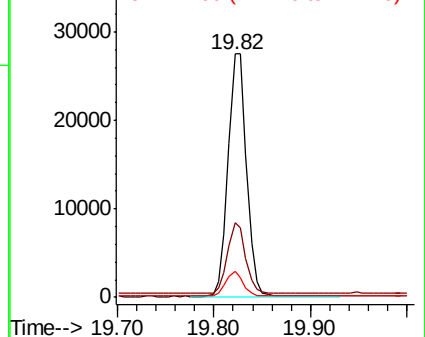
122 10.8 7.7 11.5



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: 0.403 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.05 min

Lab File: BE100660.D

Acq: 18 Oct 2019 19:06

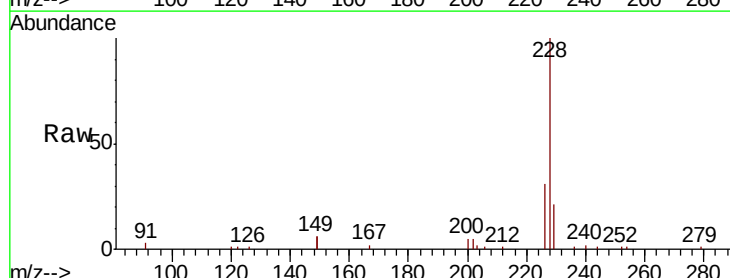
Tgt Ion:228 Resp: 44399

Ion Ratio Lower Upper

228 100

226 30.7 21.0 31.6

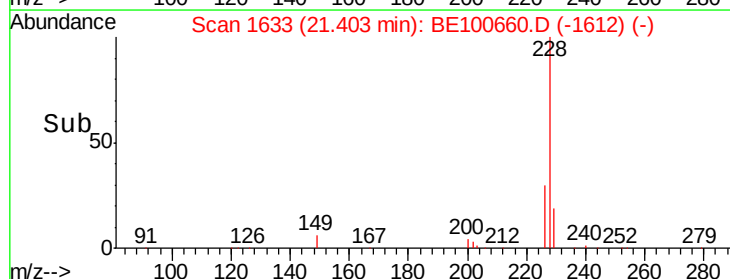
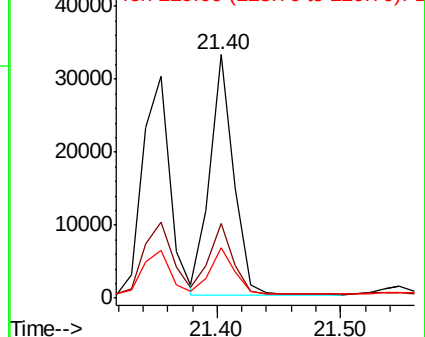
229 20.6 15.8 23.8

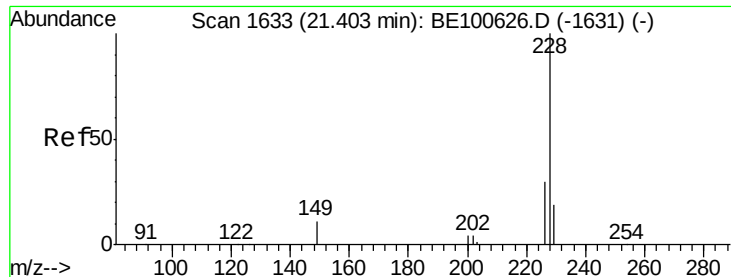


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.401 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE100660.D

Acq: 18 Oct 2019 19:06

Instrument :

BNA_F

ClientSampled :

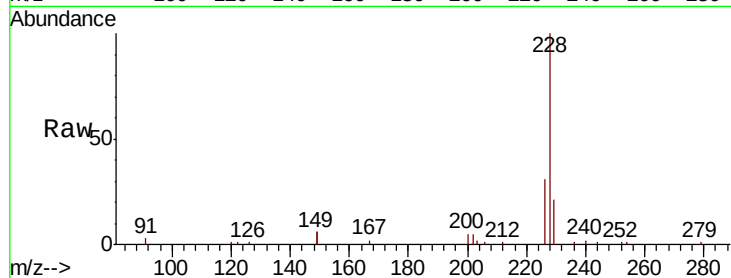
Tot Ion:228 Resp: 44174

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

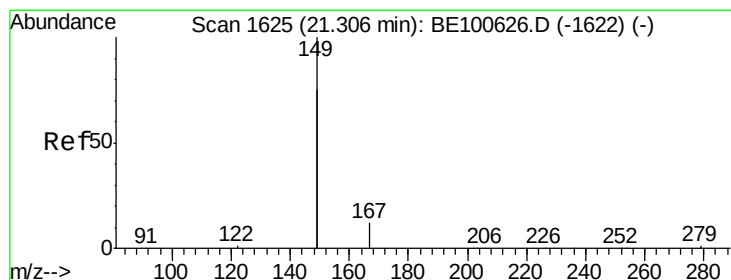
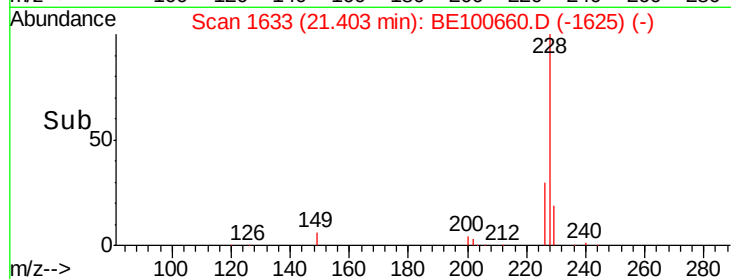
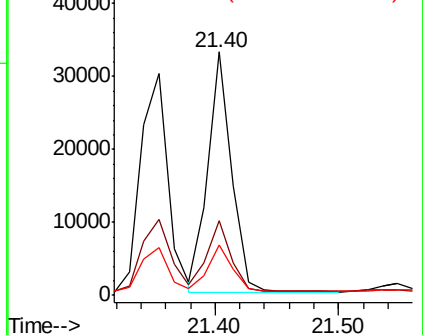
229 20.6 15.6 23.4



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: 0.525 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE100660.D

Acq: 18 Oct 2019 19:06

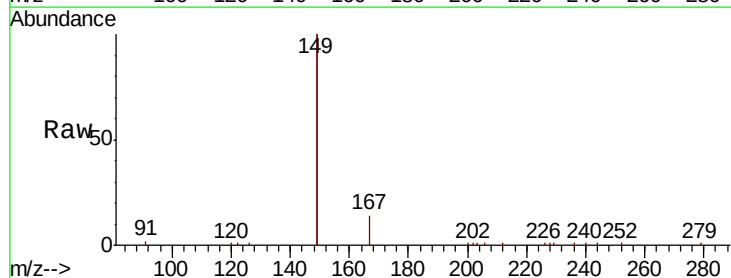
Tgt Ion:149 Resp: 121206

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.2

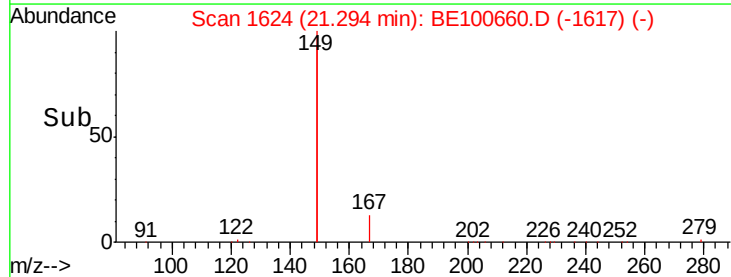
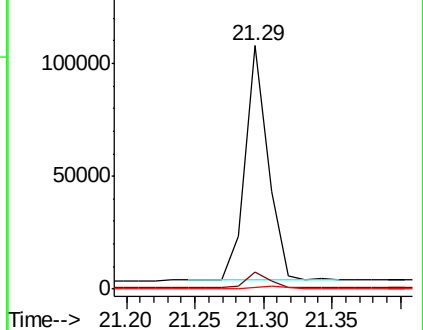
279 1.2 1.5 2.3#

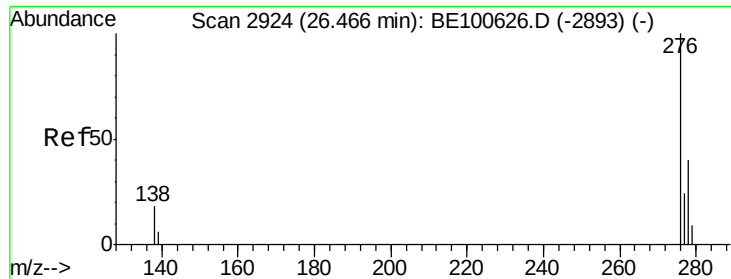


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

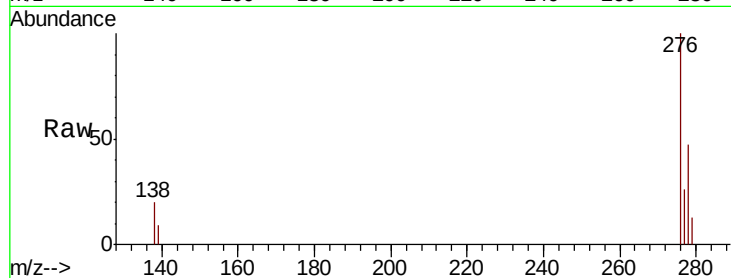




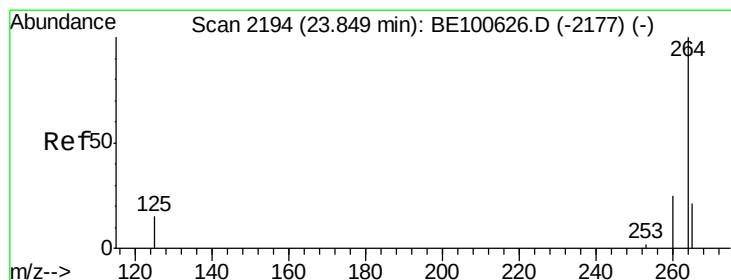
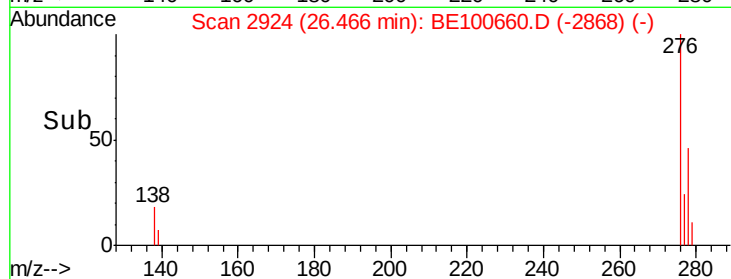
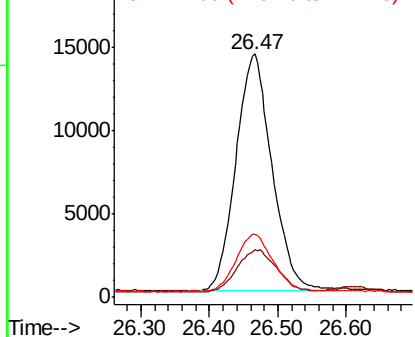
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.383 ng
 RT: 26.47 min Scan# 2924
 Delta R.T. 0.00 min
 Lab File: BE100660.D
 Acq: 18 Oct 2019 19:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 51813
 Ion Ratio Lower Upper
 276 100
 138 19.3 16.0 24.0
 277 24.4 19.7 29.5

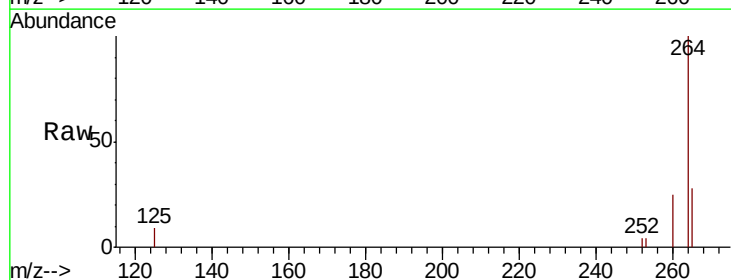


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

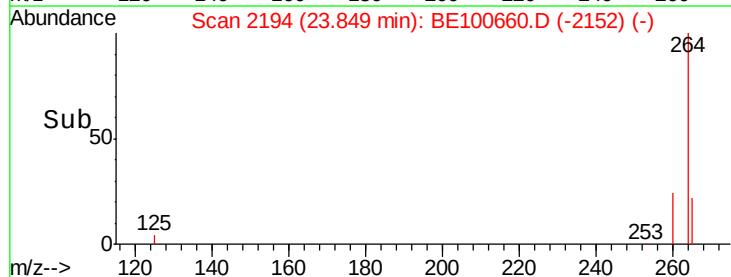
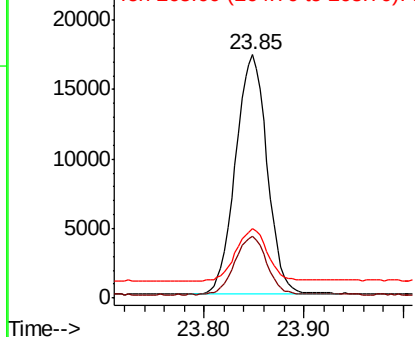


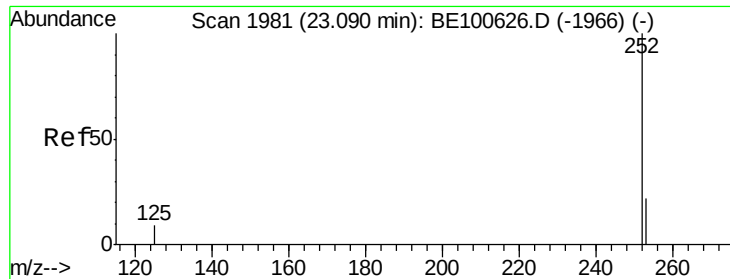
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.85 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BE100660.D
 Acq: 18 Oct 2019 19:06

Tgt Ion:264 Resp: 38001
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.9 29.9
 265 28.5 20.0 30.0



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

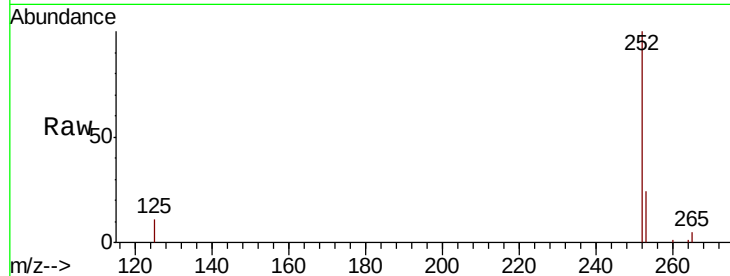




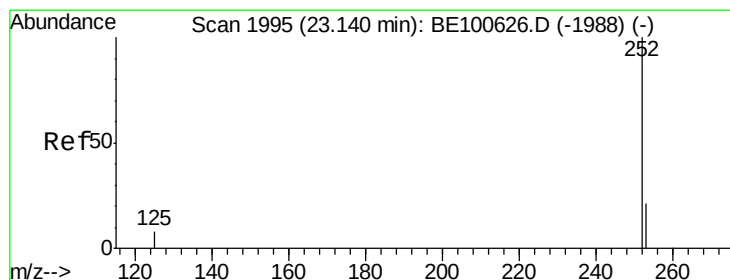
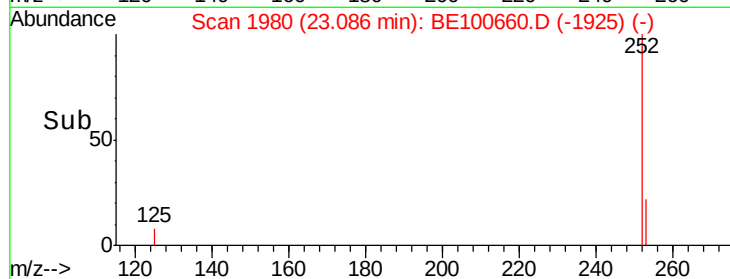
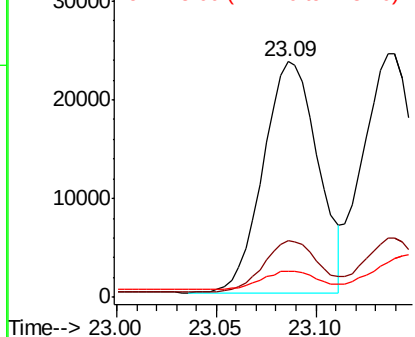
#35
Benzo(b)fluoranthene
Concen: 0.401 ng
RT: 23.09 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BE100660.D
Acq: 18 Oct 2019 19:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 44458
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.8
125 11.2 7.6 11.4

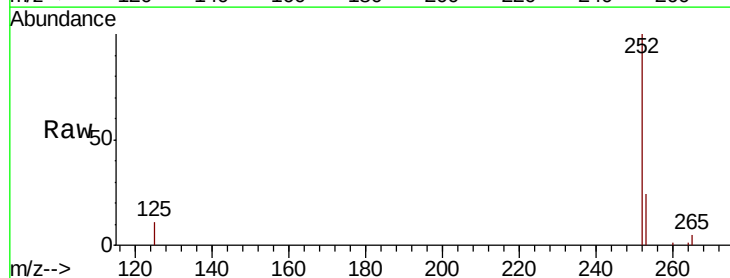


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

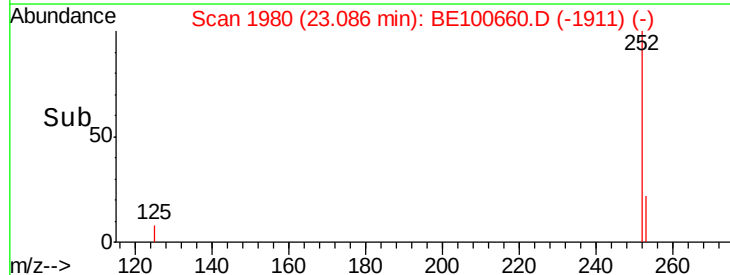
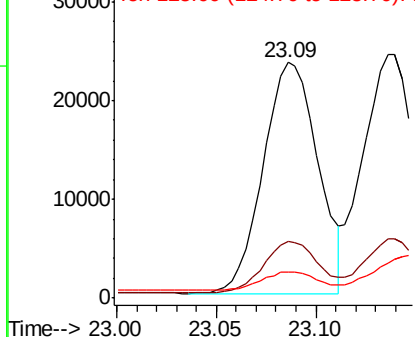


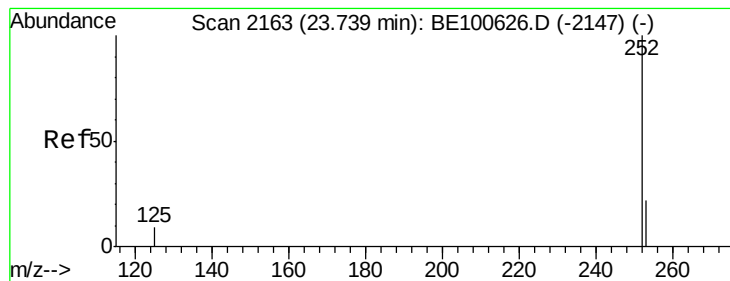
#36
Benzo(k)fluoranthene
Concen: 0.390 ng
RT: 23.09 min Scan# 1980
Delta R.T. -0.05 min
Lab File: BE100660.D
Acq: 18 Oct 2019 19:06

Tgt Ion:252 Resp: 44458
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.6
125 11.2 7.6 11.4



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: 0.409 ng

RT: 23.73 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BE100660.D

Acq: 18 Oct 2019 19:06

Instrument :

BNA_F

ClientSampled :

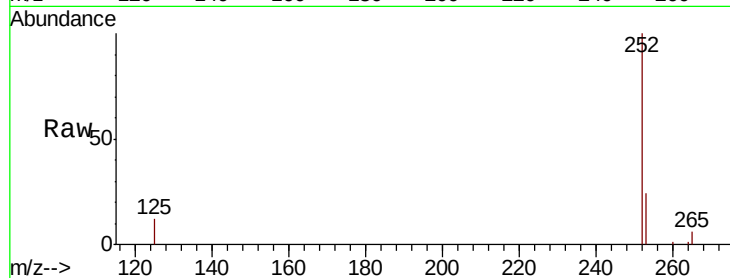
Tot Ion:252 Resp: 42237

Ion Ratio Lower Upper

252 100

253 23.6 18.2 27.2

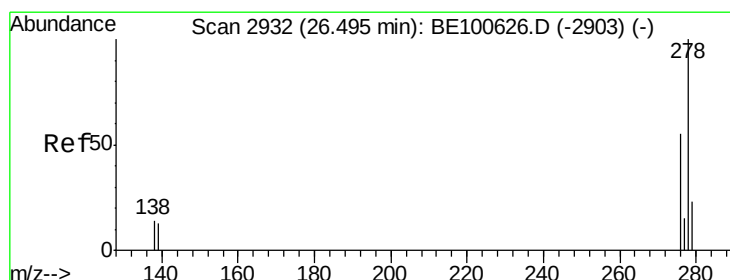
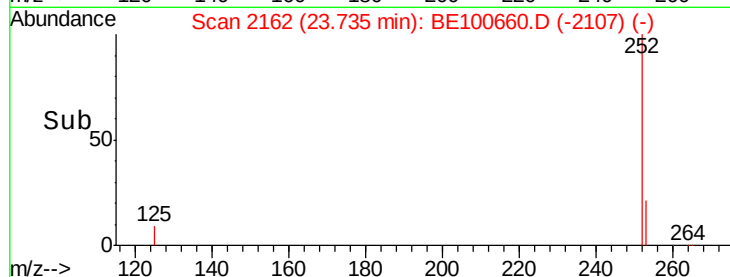
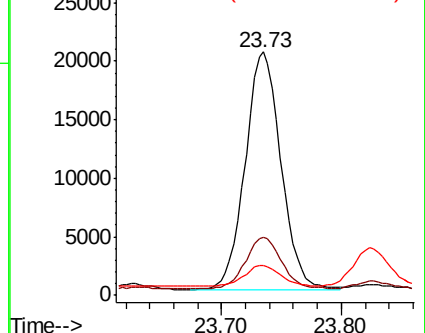
125 12.1 8.1 12.1#



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: 0.394 ng

RT: 26.49 min Scan# 2931

Delta R.T. -0.00 min

Lab File: BE100660.D

Acq: 18 Oct 2019 19:06

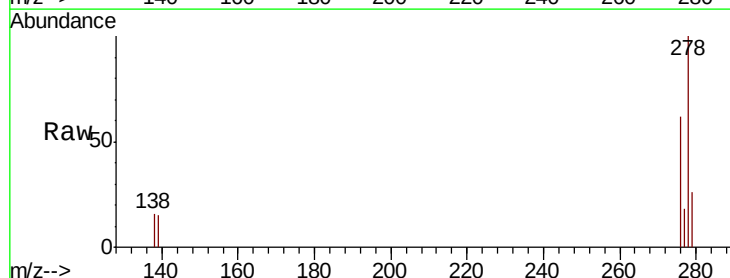
Tgt Ion:278 Resp: 42021

Ion Ratio Lower Upper

278 100

139 15.2 11.2 16.8

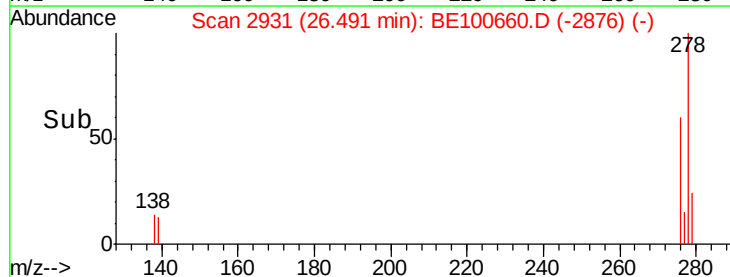
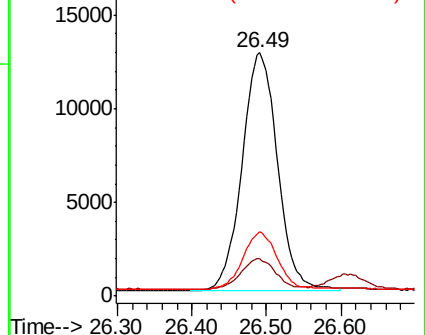
279 26.2 19.0 28.6

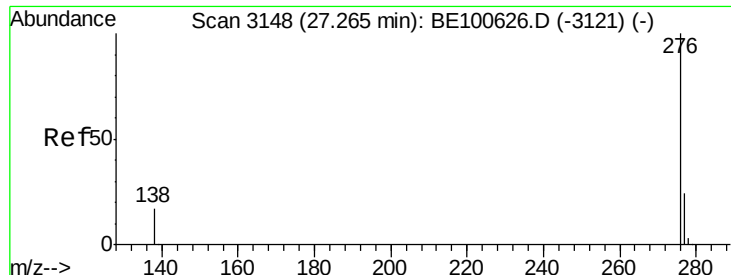


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.403 ng

RT: 27.26 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BE100660.D

Acq: 18 Oct 2019 19:06

Instrument :

BNA_F

ClientSampleId :

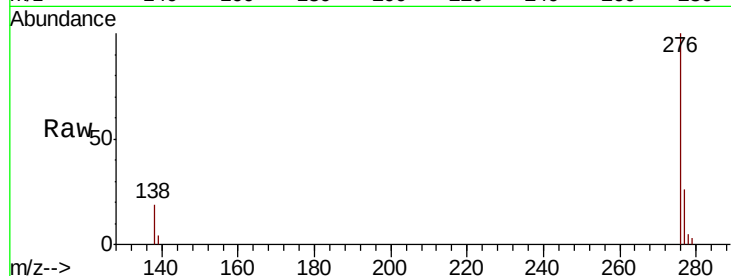
Tot Ion: 276 Resp: 43263

Ion Ratio Lower Upper

276 100

277 25.9 19.3 28.9

138 18.7 14.5 21.7



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

