

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
 Data File : BE100266.D
 Acq On : 1 Jul 2019 15:29
 Operator : JU/SJ
 Sample : K3445-15MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-001-B198-061719MSD

Quant Time: Jul 02 02:20:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 14:06:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	752	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	2620	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	2181	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	6446	0.40	ng	0.01
27) Chrysene-d12	21.25	240	8314	0.40	ng	0.00
34) Perylene-d12	23.67	264	9429	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.23	112	410	0.21	ng	0.01
5) Phenol-d6	6.83	99	505	0.20	ng	-0.01
8) Nitrobenzene-d5	8.81	82	507	0.19	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	2393	0.49	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	296	0.19	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	1566	0.18	ng	0.00
25) Fluoranthene-d10	19.10	212	40462	0.43	ng	0.00
29) Terphenyl-d14	19.70	244	4893	0.28	ng	0.00

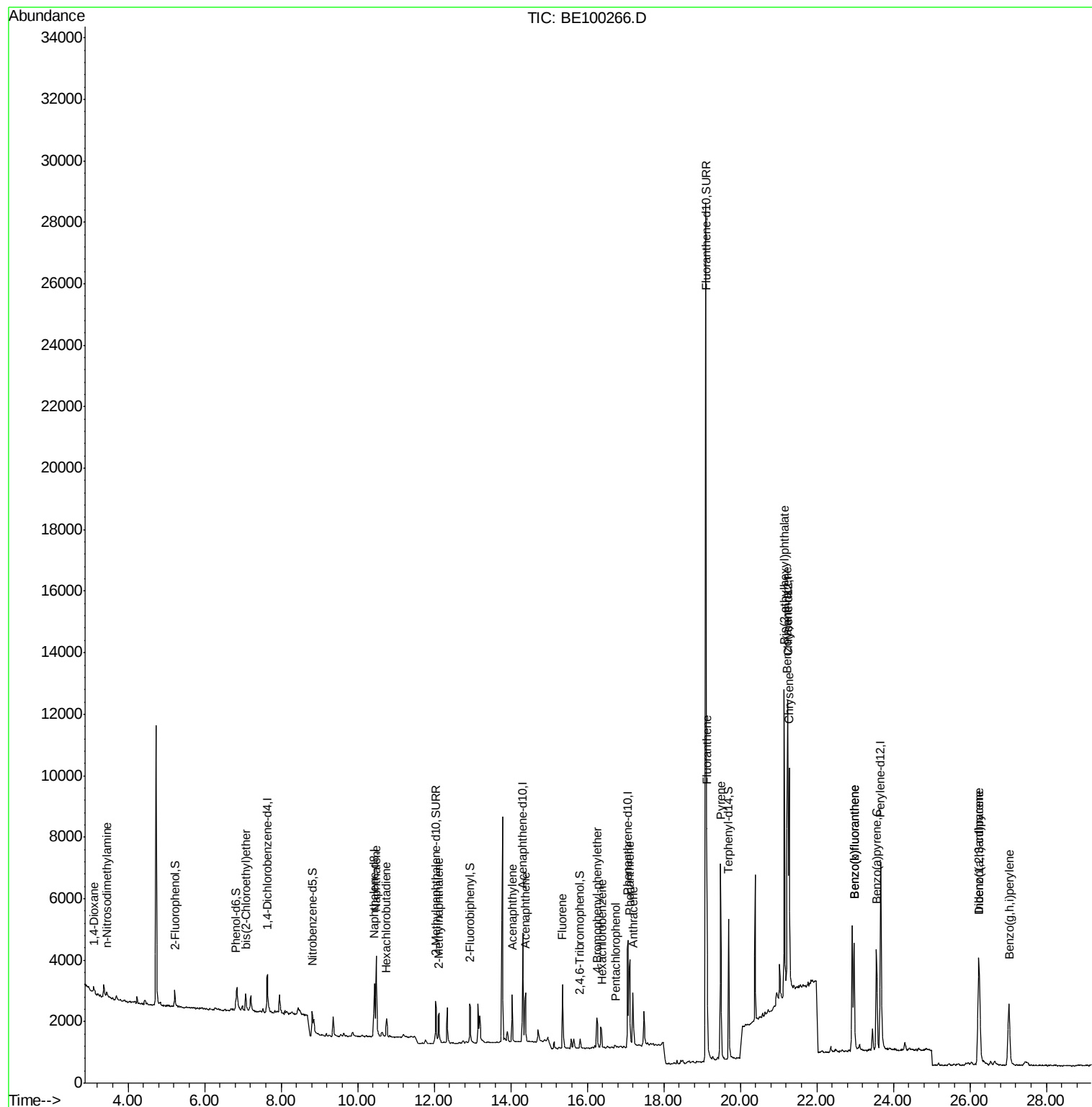
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.11	88	156	0.134	ng	# 38
3) n-Nitrosodimethylamine	3.44	42	142	0.261	ng	# 76
6) bis(2-Chloroethyl)ether	7.08	93	354	0.171	ng	# 65
9) Naphthalene	10.48	128	4686	0.162	ng	# 97
10) Hexachlorobutadiene	10.76	225	438	0.157	ng	98
12) 2-Methylnaphthalene	12.12	142	827	0.163	ng	99
16) Acenaphthylene	14.04	152	1784	0.170	ng	98
17) Acenaphthene	14.39	154	934	0.157	ng	99
18) Fluorene	15.35	166	1438	0.164	ng	97
20) 4-Bromophenyl-phenylether	16.25	248	676	0.164	ng	# 78
21) Hexachlorobenzene	16.37	284	696	0.163	ng	98
22) Pentachlorophenol	16.73	266	59	0.046	ng	# 83
23) Phenanthrene	17.11	178	3599	0.230	ng	98
24) Anthracene	17.20	178	2394	0.170	ng	98
26) Fluoranthene	19.13	202	6443	0.259	ng	99
28) Pyrene	19.49	202	6586	0.299	ng	99
30) Benzo(a)anthracene	21.23	228	6315	0.231	ng	96
31) Chrysene	21.28	228	6218	0.227	ng	98
32) Bis(2-ethylhexyl)phthalate	21.15	149	10587	0.216	ng	99
33) Indeno(1,2,3-cd)pyrene	26.23	276	5915	0.163	ng	99
35) Benzo(b)fluoranthene	22.97	252	5222	0.204	ng	95
36) Benzo(k)fluoranthene	22.97	252	5222	0.183	ng	# 90
37) Benzo(a)pyrene	23.56	252	5439	0.212	ng	# 87
38) Dibenzo(a,h)anthracene	26.25	278	4362	0.163	ng	# 89
39) Benzo(g,h,i)perylene	27.02	276	5375	0.196	ng	# 92

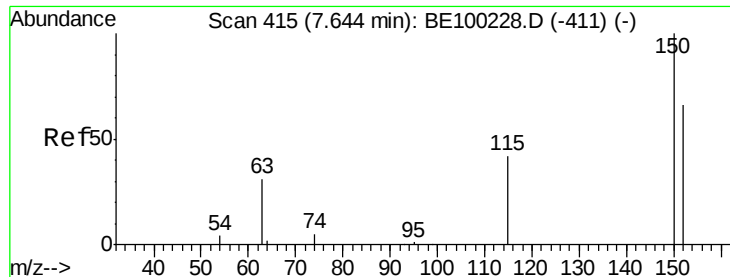
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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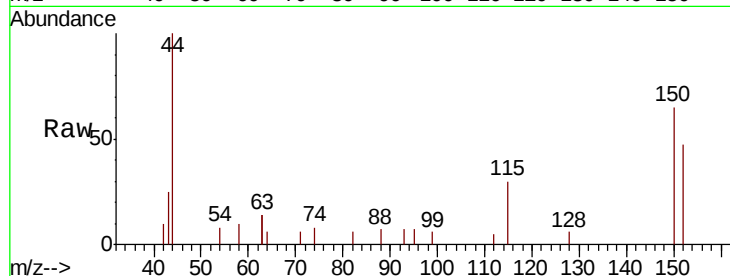


#1

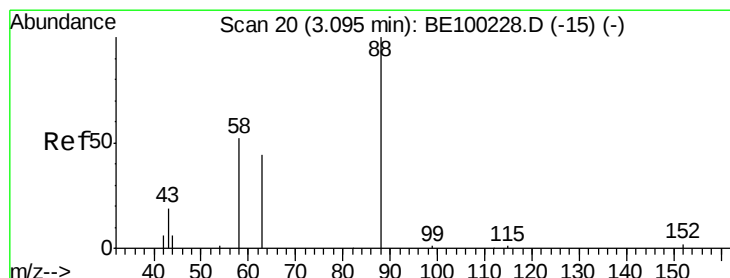
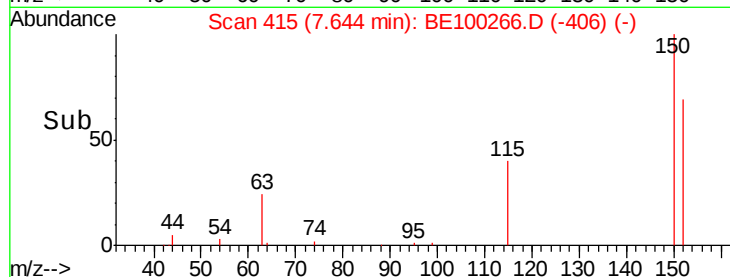
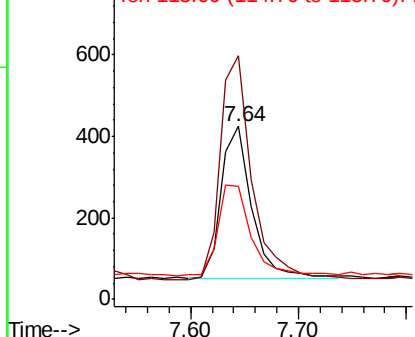
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. 0.00 min
Lab File: BE100266.D
Acq: 1 Jul 2019 15:29

Instrument :
BNA_M
ClientSampleId :
PST-001-B198-061719MSD

Tgt Ion: 152 Resp: 752
Ion Ratio Lower Upper
152 100
150 140.7 114.5 171.7
115 65.2 57.1 85.7



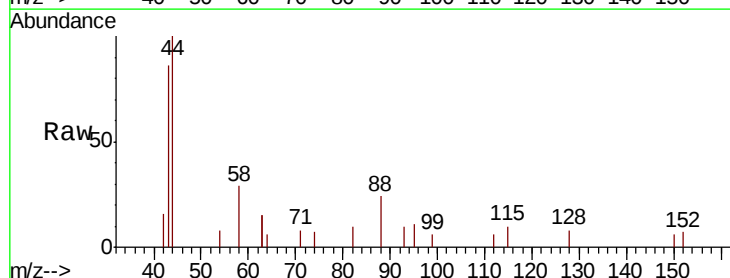
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



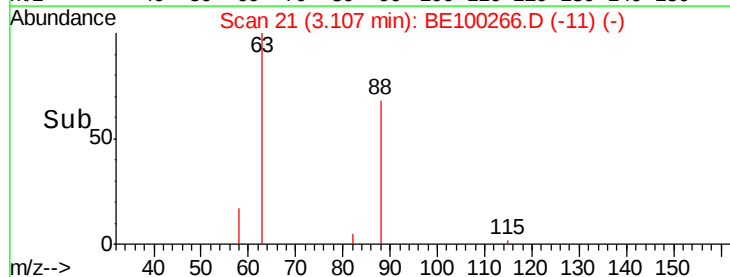
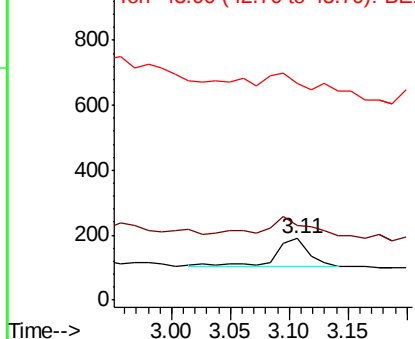
#2

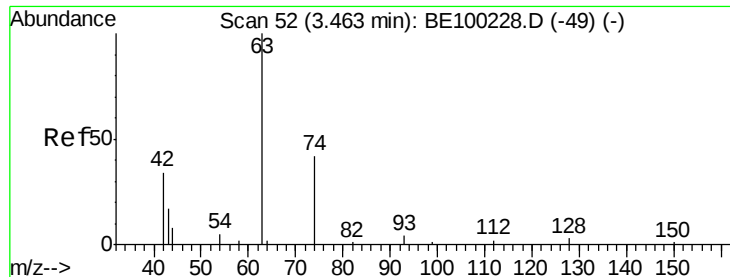
1,4-Dioxane
Concen: 0.134 ng
RT: 3.11 min Scan# 21
Delta R.T. 0.01 min
Lab File: BE100266.D
Acq: 1 Jul 2019 15:29

Tgt Ion: 88 Resp: 156
Ion Ratio Lower Upper
88 100
58 89.7 43.6 65.4#
43 71.8 21.4 32.0#



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: 0.261 ng

RT: 3.44 min Scan# 50

Delta R.T. -0.02 min

Lab File: BE100266.D

Acq: 1 Jul 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719MSD

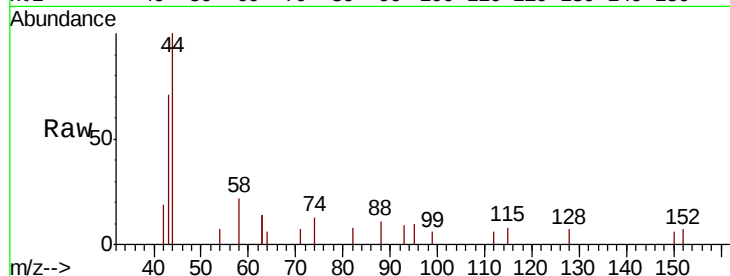
Tgt Ion: 42 Resp: 142

Ion Ratio Lower Upper

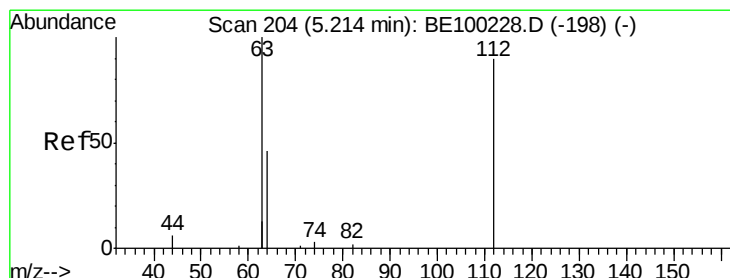
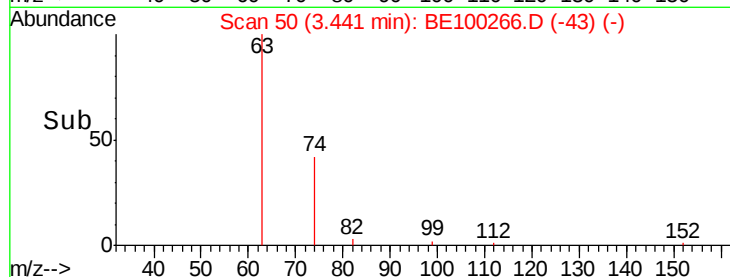
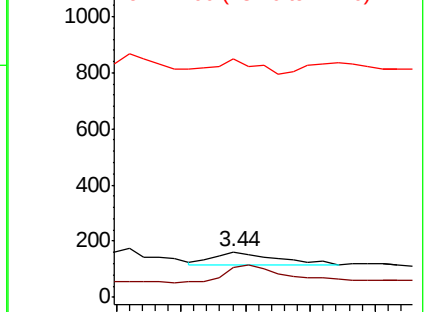
42 100

74 138.7 130.6 196.0

44 77.5 38.0 57.0#



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: 0.214 ng

RT: 5.23 min Scan# 205

Delta R.T. 0.01 min

Lab File: BE100266.D

Acq: 1 Jul 2019 15:29

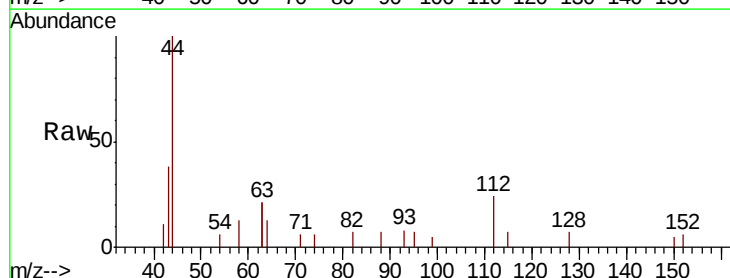
Tgt Ion: 112 Resp: 410

Ion Ratio Lower Upper

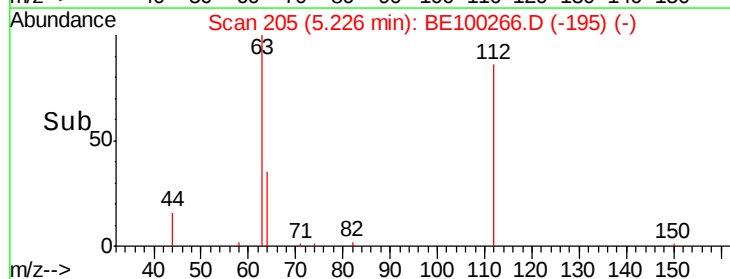
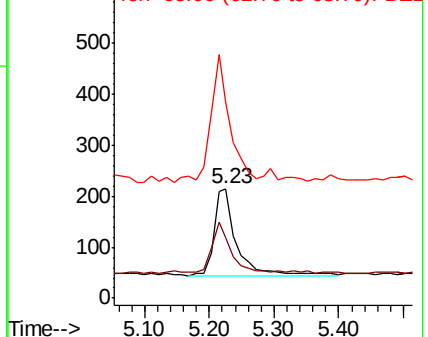
112 100

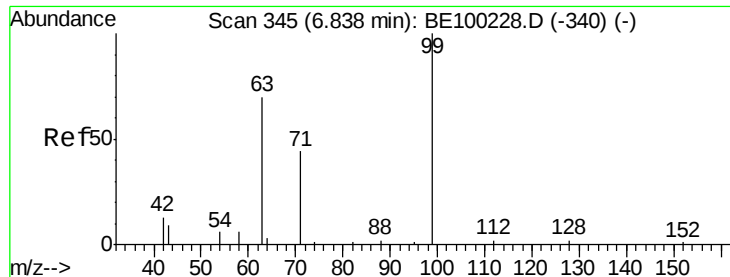
64 47.6 39.4 59.0

63 125.9 104.5 156.7



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: 0.200 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100266.D

Acq: 1 Jul 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719MSD

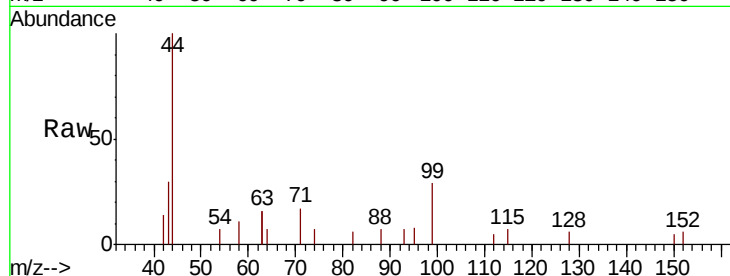
Tgt Ion: 99 Resp: 505

Ion Ratio Lower Upper

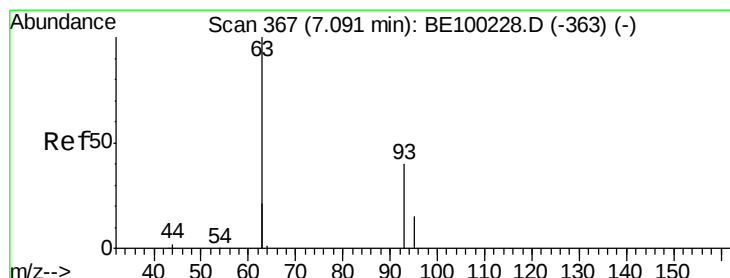
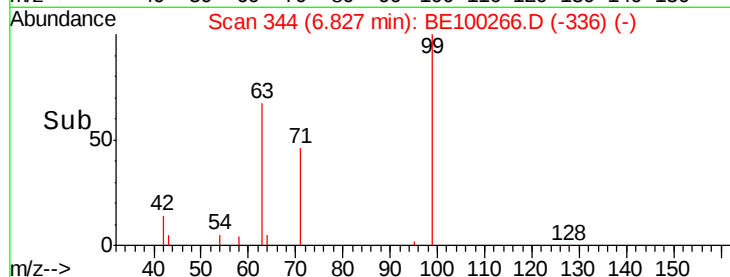
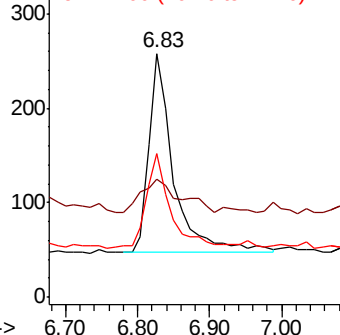
99 100

42 25.1 11.2 16.8#

71 45.9 37.2 55.8



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: 0.171 ng

RT: 7.08 min Scan# 366

Delta R.T. -0.01 min

Lab File: BE100266.D

Acq: 1 Jul 2019 15:29

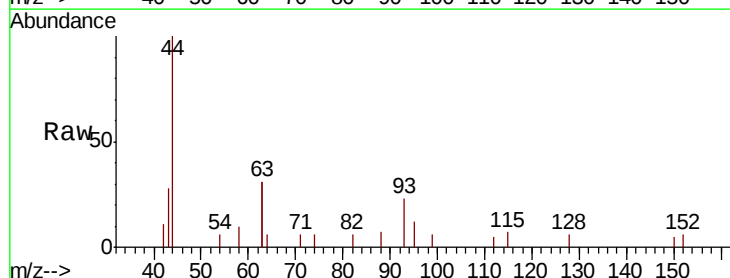
Tgt Ion: 93 Resp: 354

Ion Ratio Lower Upper

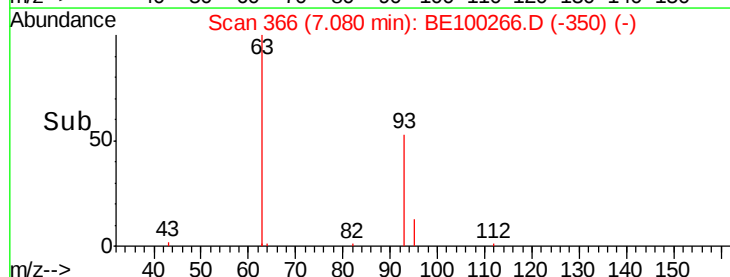
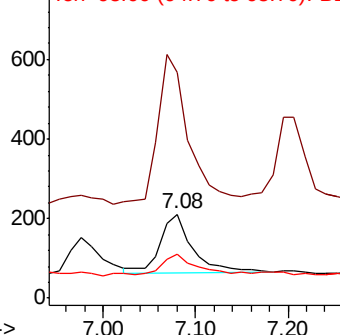
93 100

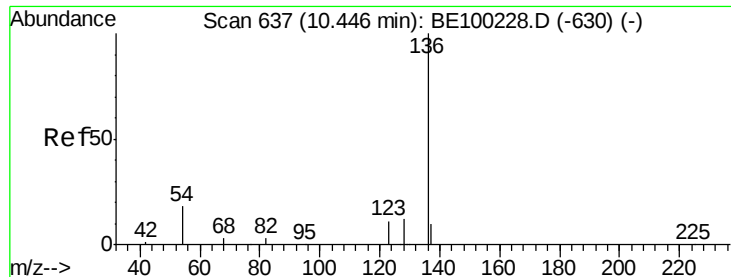
63 248.3 155.6 233.4#

95 43.5 23.0 34.4#



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: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100266.D

Acq: 1 Jul 2019 15:29

Instrument :

BNA_M

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PST-001-B198-061719MSD

Tgt Ion: 136 Resp: 2620

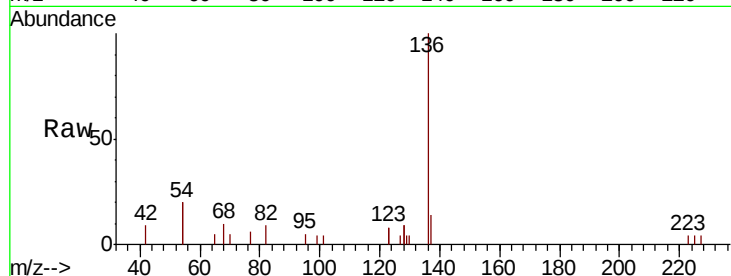
Ion Ratio Lower Upper

136 100

137 14.2 11.8 17.8

54 39.8 27.7 41.5

68 9.6 6.8 10.2

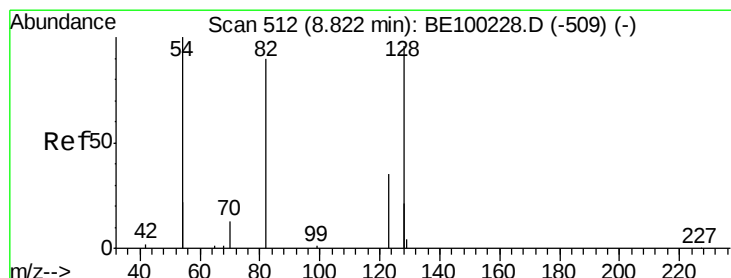
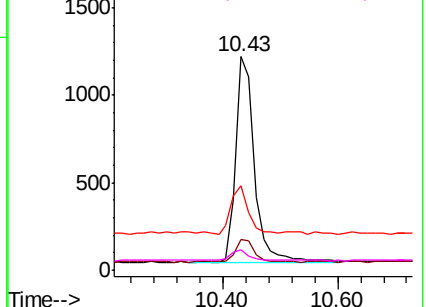
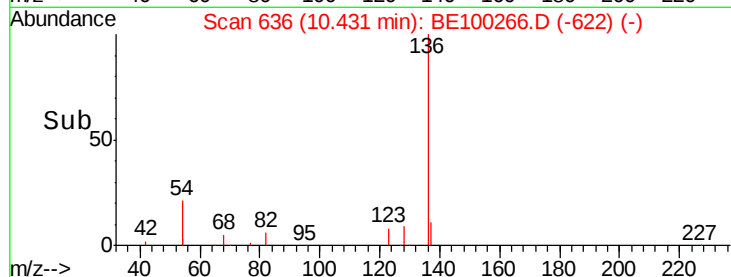


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.195 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100266.D

Acq: 1 Jul 2019 15:29

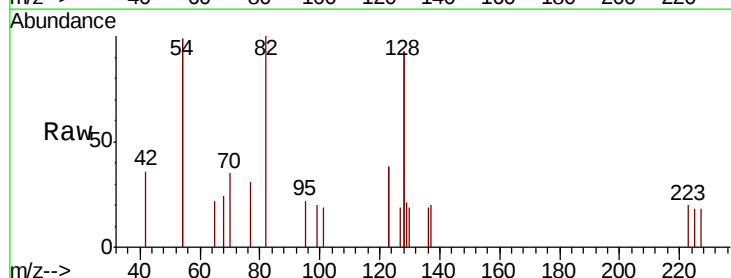
Tgt Ion: 82 Resp: 507

Ion Ratio Lower Upper

82 100

128 185.1 140.9 211.3

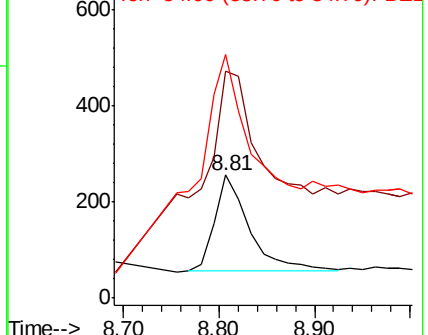
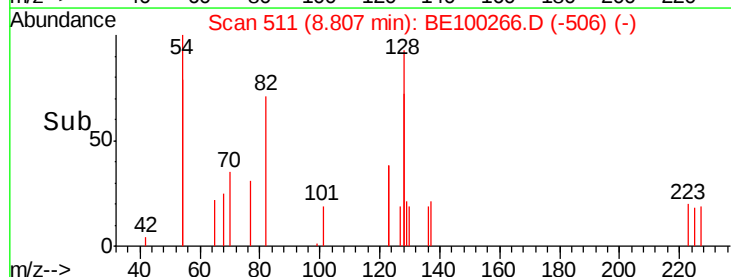
54 198.4 146.2 219.2

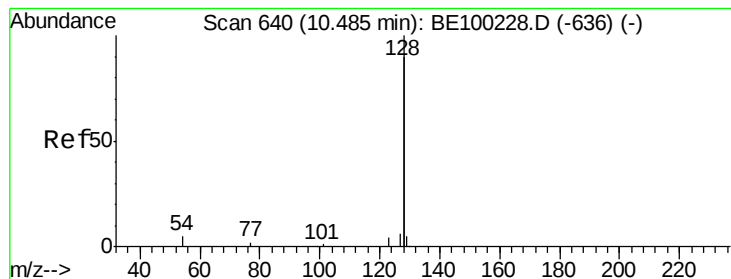


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.162 ng

RT: 10.48 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE100266.D

Acq: 1 Jul 2019 15:29

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BNA_M

ClientSampleId :

PST-001-B198-061719MSD

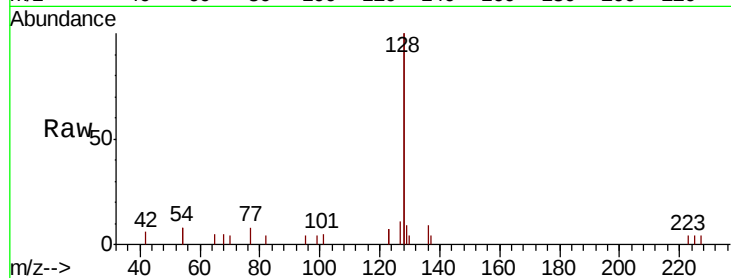
Tgt Ion:128 Resp: 4686

Ion Ratio Lower Upper

128 100

129 4.6 3.0 4.6#

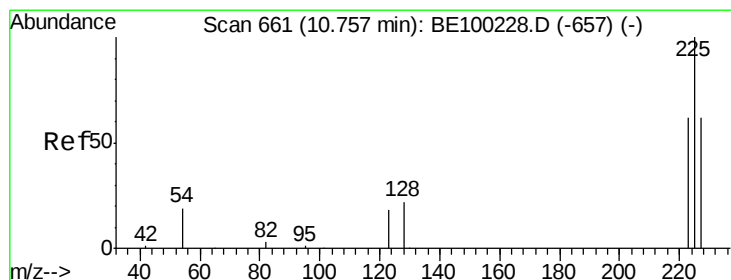
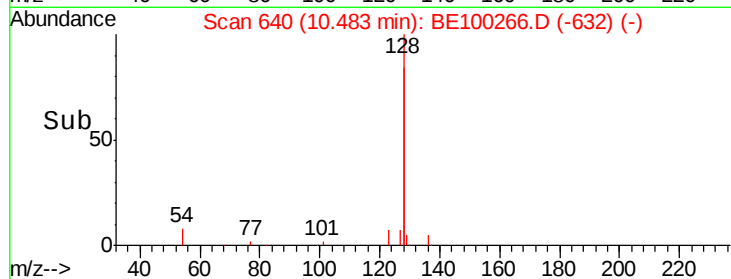
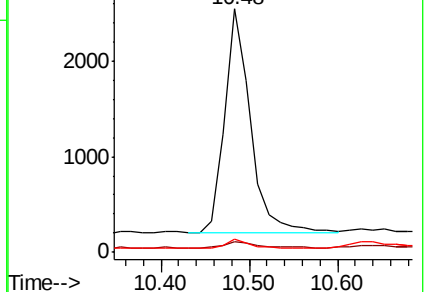
127 5.3 3.5 5.3



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: 0.157 ng

RT: 10.76 min Scan# 661

Delta R.T. -0.00 min

Lab File: BE100266.D

Acq: 1 Jul 2019 15:29

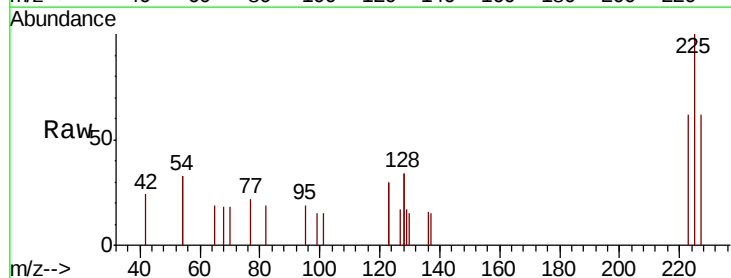
Tgt Ion:225 Resp: 438

Ion Ratio Lower Upper

225 100

223 60.7 49.1 73.7

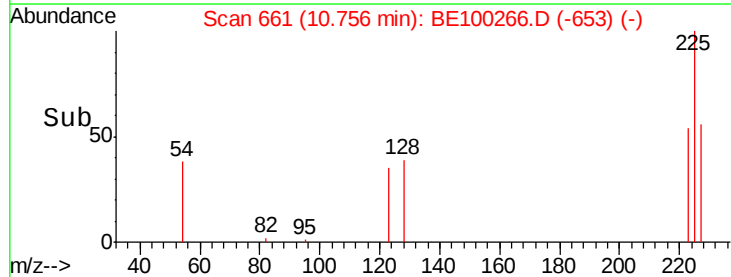
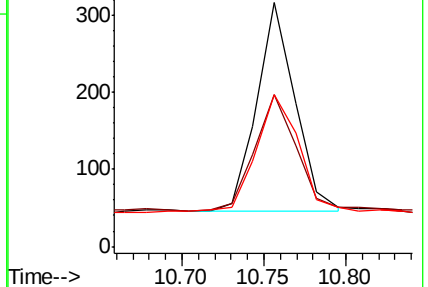
227 63.5 49.3 73.9

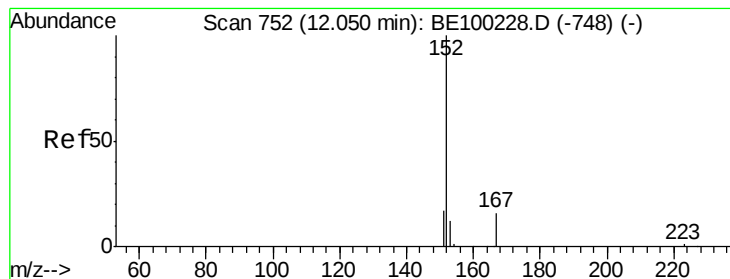


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.486 ng

RT: 12.04 min Scan# 751

Delta R.T. -0.01 min

Lab File: BE100266.D

Acq: 1 Jul 2019 15:29

Instrument :

BNA_M

ClientSampleId :

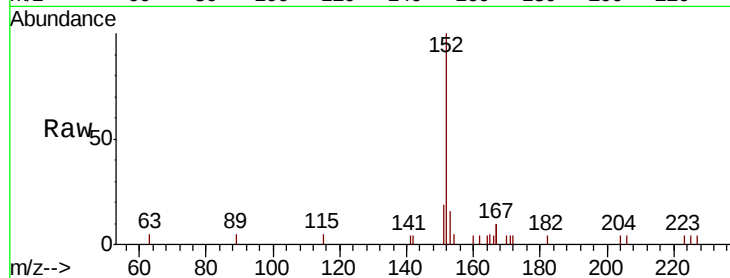
PST-001-B198-061719MSD

Tgt Ion:152 Resp: 2393

Ion Ratio Lower Upper

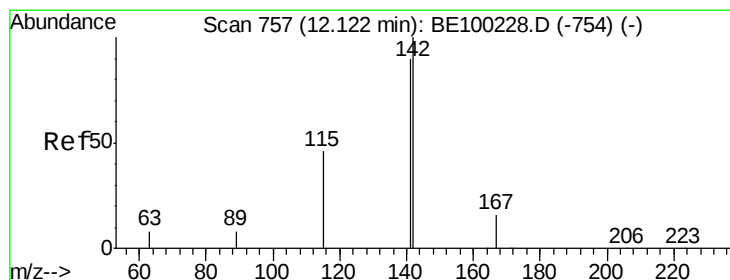
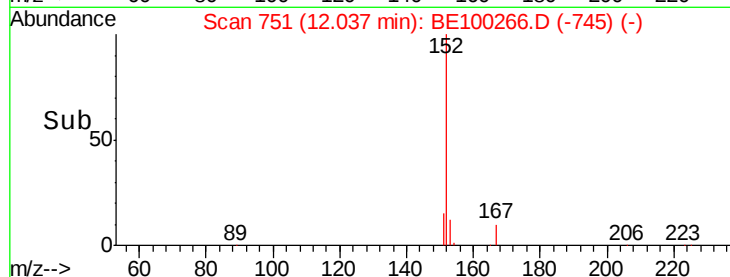
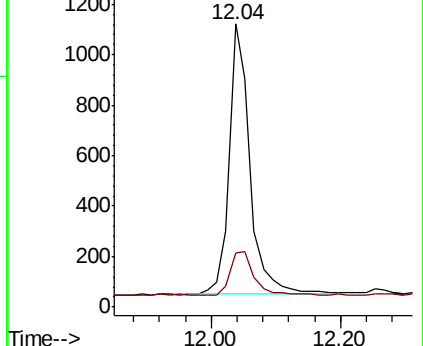
152 100

151 19.3 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.163 ng

RT: 12.12 min Scan# 757

Delta R.T. 0.00 min

Lab File: BE100266.D

Acq: 1 Jul 2019 15:29

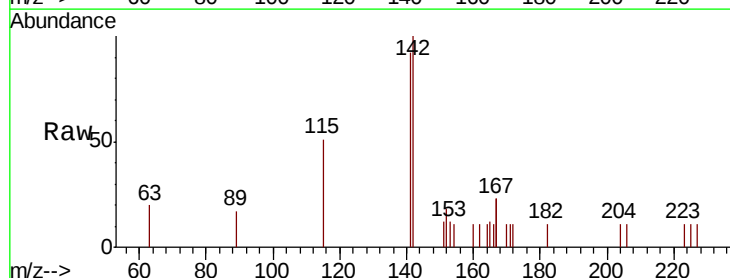
Tgt Ion:142 Resp: 827

Ion Ratio Lower Upper

142 100

141 91.8 72.4 108.6

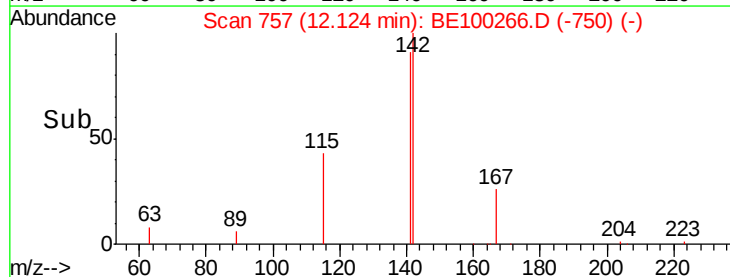
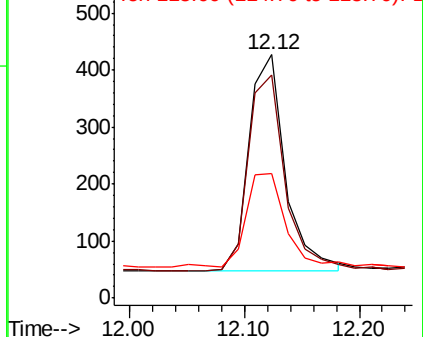
115 51.3 40.4 60.6

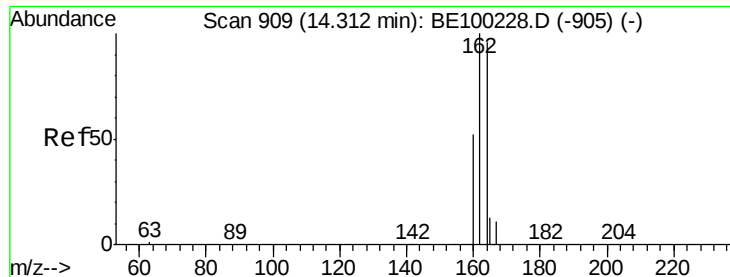


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

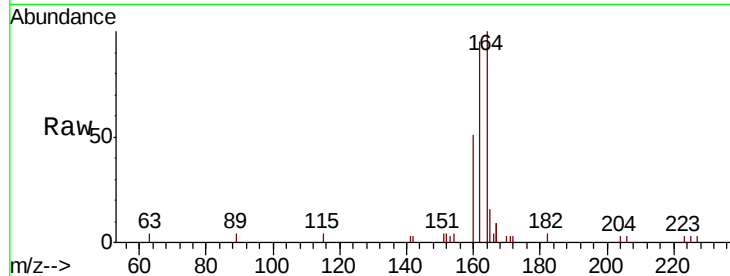




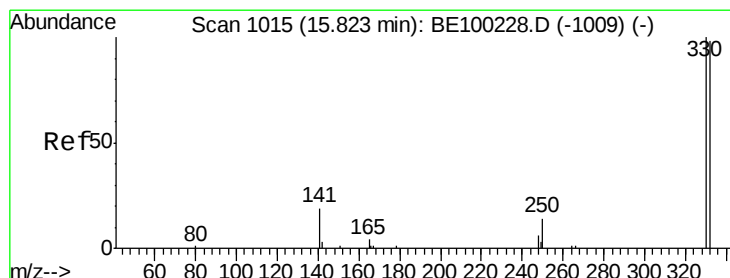
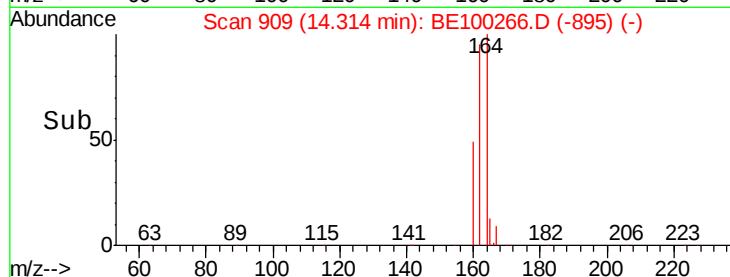
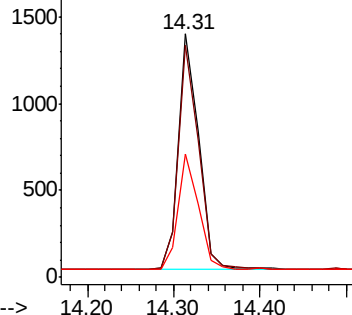
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100266.D
Acq: 1 Jul 2019 15:29

Instrument :
BNA_M
ClientSampleId :
PST-001-B198-061719MSD

Tgt Ion:164 Resp: 2181
Ion Ratio Lower Upper
164 100
162 95.1 83.4 125.0
160 50.6 45.0 67.6

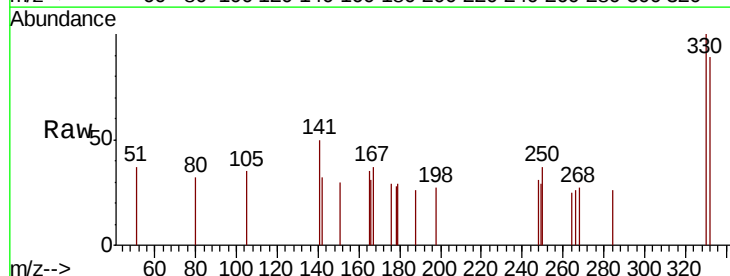


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

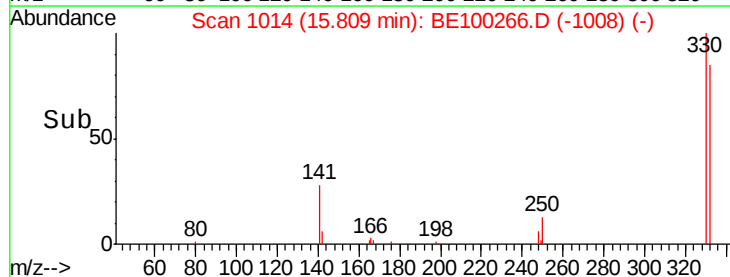
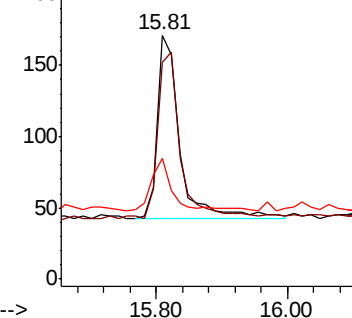


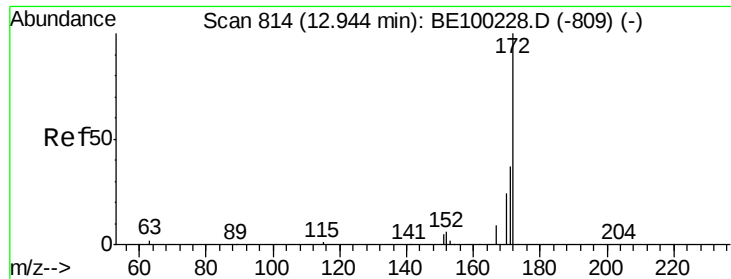
#14
2,4,6-Tribromophenol
Concen: 0.194 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100266.D
Acq: 1 Jul 2019 15:29

Tgt Ion:330 Resp: 296
Ion Ratio Lower Upper
330 100
332 87.5 77.0 115.4
141 28.4 22.0 33.0



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

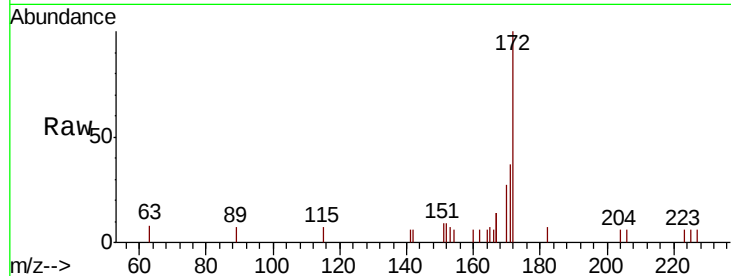




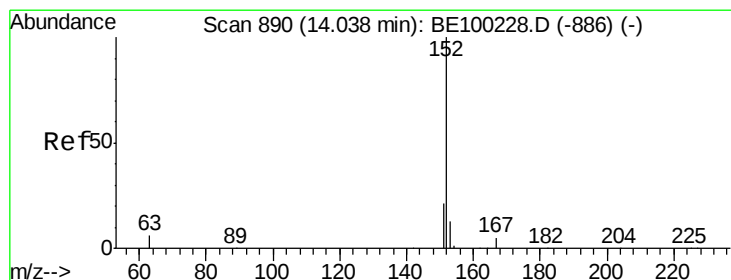
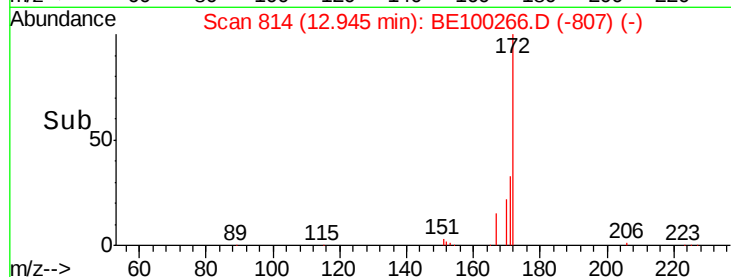
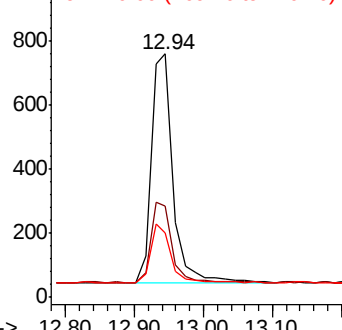
#15
2-Fluorobiphenyl
Concen: 0.184 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100266.D
Acq: 1 Jul 2019 15:29

Instrument :
BNA_M
ClientSampleId :
PST-001-B198-061719MSD

Tgt Ion:172 Resp: 1566
Ion Ratio Lower Upper
172 100
171 37.4 31.9 47.9
170 26.6 22.2 33.2

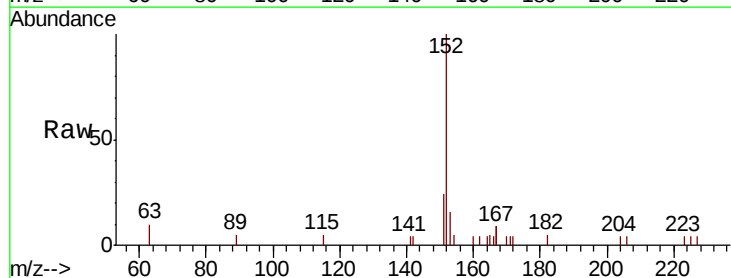


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

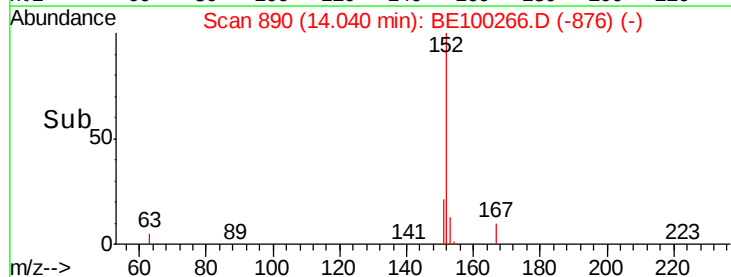
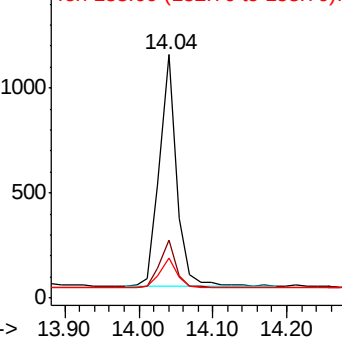


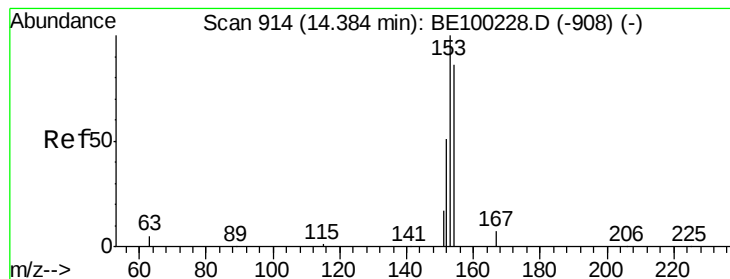
#16
Acenaphthylene
Concen: 0.170 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100266.D
Acq: 1 Jul 2019 15:29

Tgt Ion:152 Resp: 1784
Ion Ratio Lower Upper
152 100
151 20.3 16.6 25.0
153 14.0 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: 0.157 ng

RT: 14.39 min Scan# 914

Delta R.T. 0.00 min

Lab File: BE100266.D

Acq: 1 Jul 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719MSD

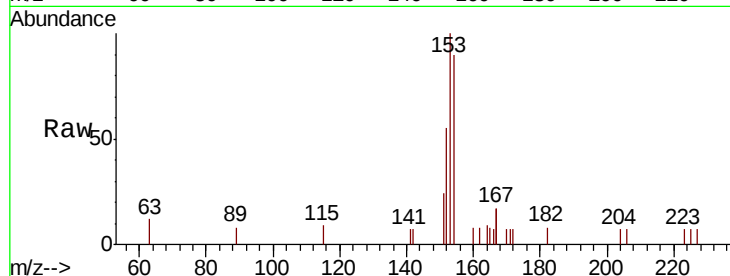
Tgt Ion:154 Resp: 934

Ion Ratio Lower Upper

154 100

153 118.1 93.4 140.2

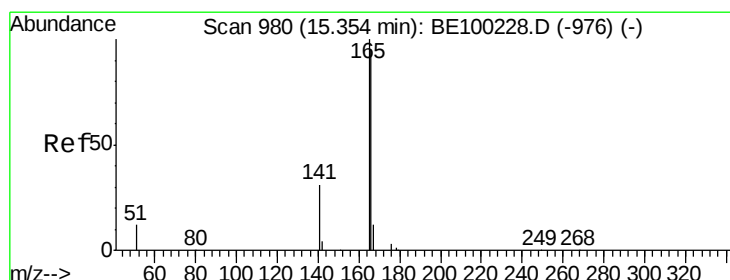
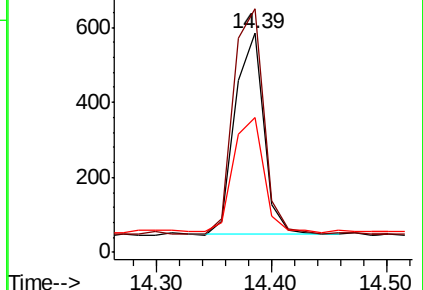
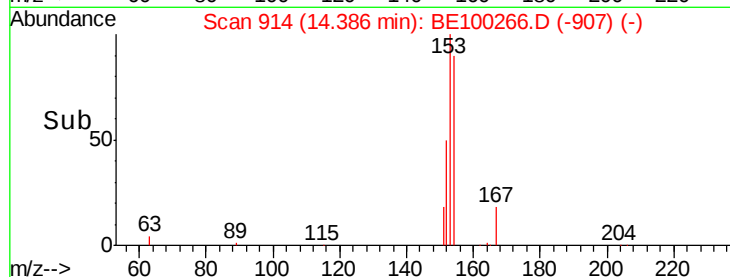
152 60.3 49.4 74.2



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: 0.164 ng

RT: 15.35 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE100266.D

Acq: 1 Jul 2019 15:29

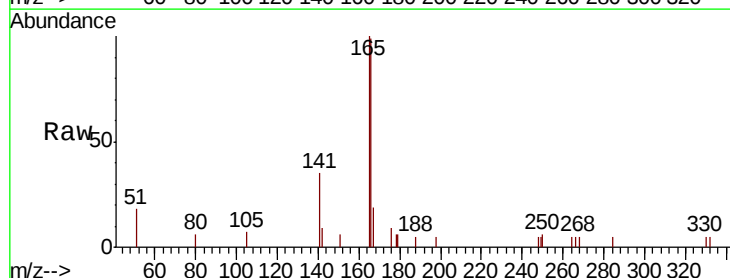
Tgt Ion:166 Resp: 1438

Ion Ratio Lower Upper

166 100

165 98.6 81.1 121.7

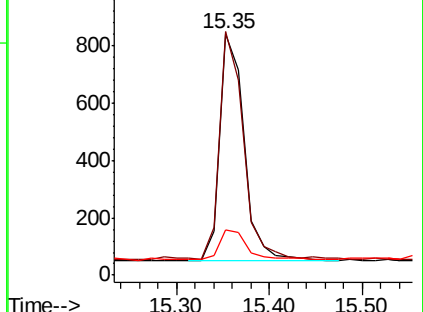
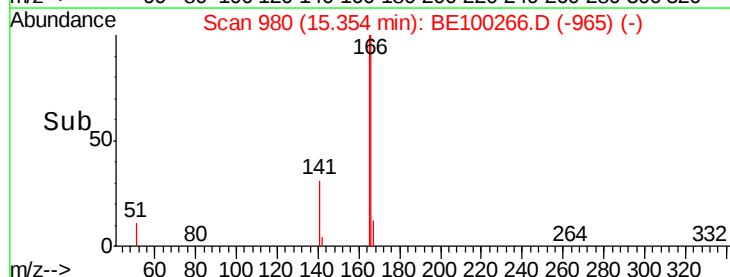
167 14.5 10.7 16.1

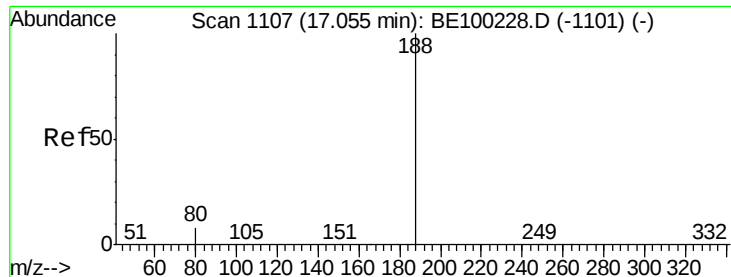


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.07 min Scan# 1108

Delta R.T. 0.01 min

Lab File: BE100266.D

Acq: 1 Jul 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719MSD

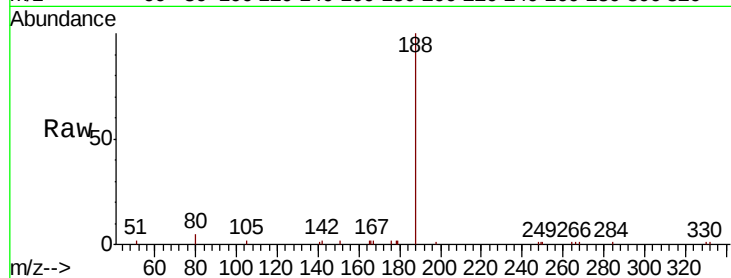
Tgt Ion:188 Resp: 6446

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

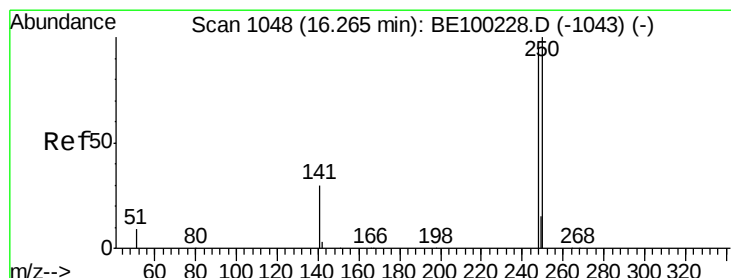
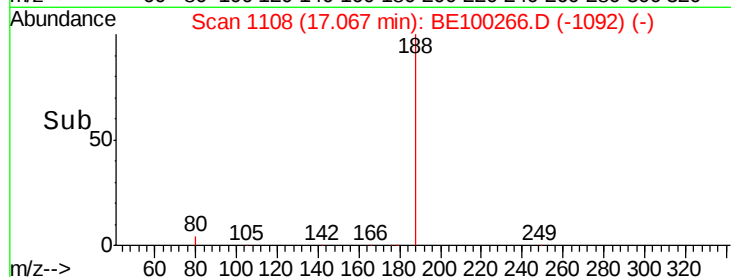
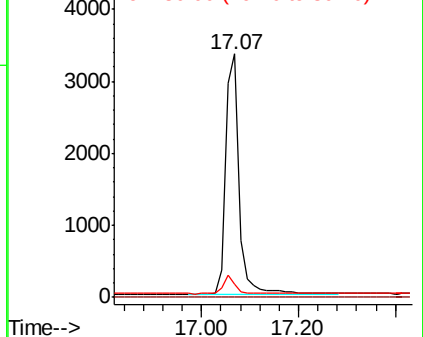
80 5.3 7.6 11.4#



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: 0.164 ng

RT: 16.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BE100266.D

Acq: 1 Jul 2019 15:29

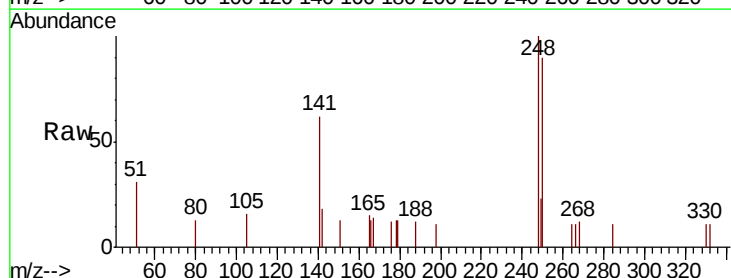
Tgt Ion:248 Resp: 676

Ion Ratio Lower Upper

248 100

250 89.6 84.2 126.4

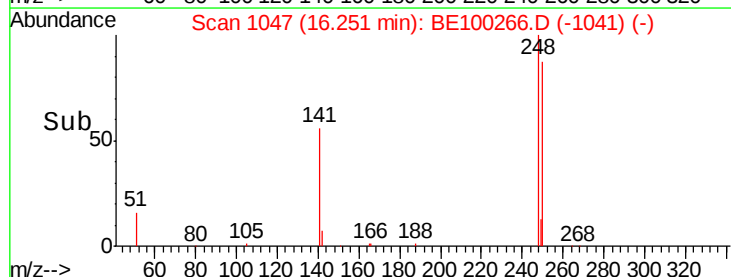
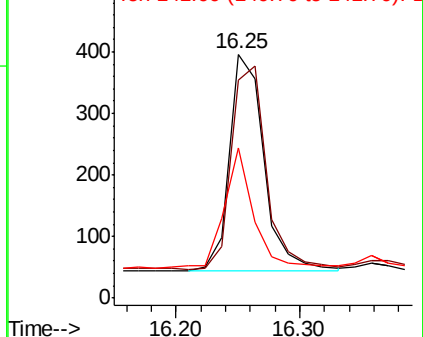
141 61.9 29.3 43.9#

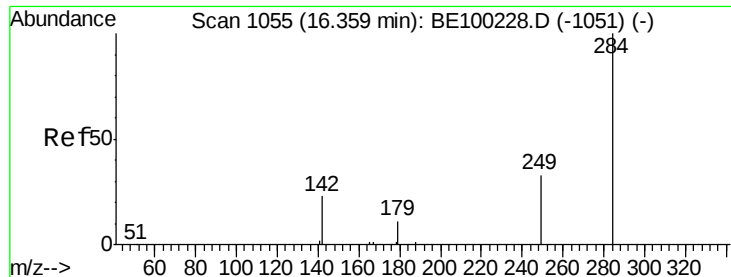


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.163 ng

RT: 16.37 min Scan# 1056

Delta R.T. 0.01 min

Lab File: BE100266.D

Acq: 1 Jul 2019 15:29

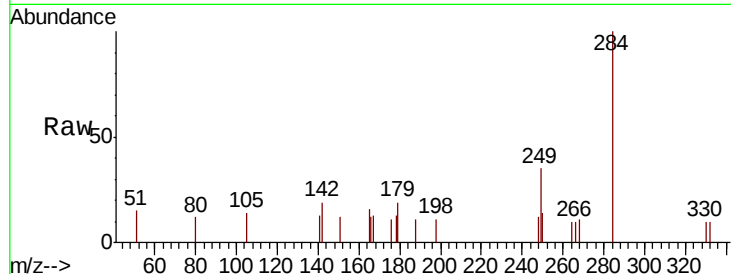
Instrument :

BNA_M

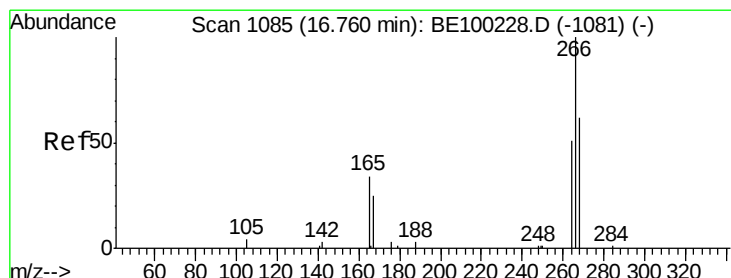
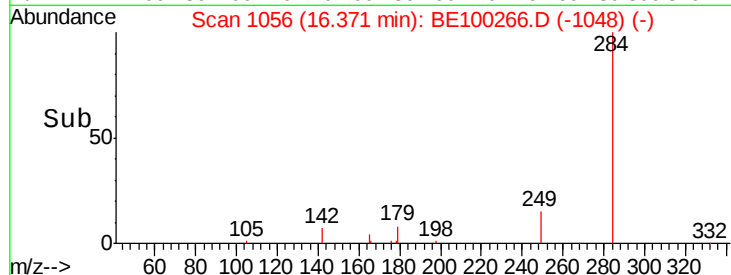
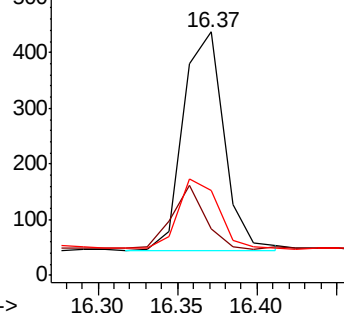
ClientSampleId :

PST-001-B198-061719MSD

Tgt Ion:	284	Resp:	696
Ion	Ratio	Lower	Upper
284	100		
142	24.9	18.8	28.2
249	30.6	23.7	35.5



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: 0.046 ng

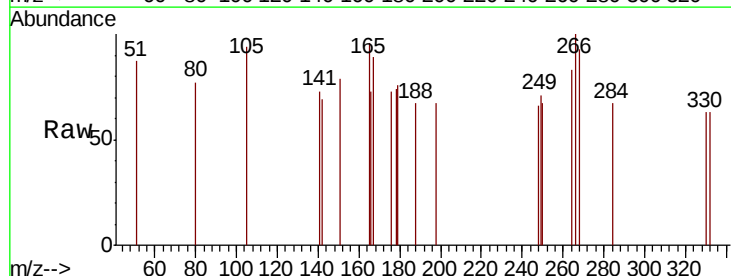
RT: 16.73 min Scan# 1083

Delta R.T. -0.03 min

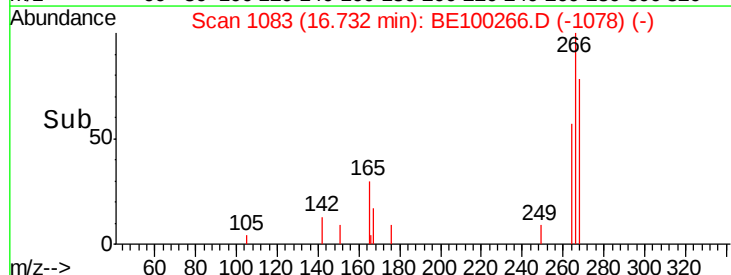
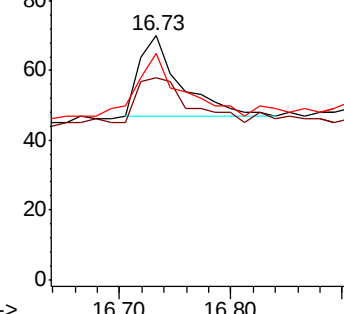
Lab File: BE100266.D

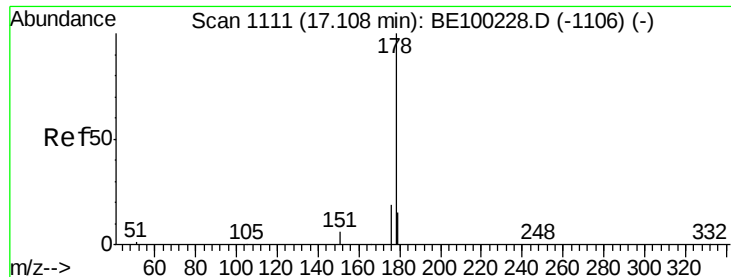
Acq: 1 Jul 2019 15:29

Tgt Ion:	266	Resp:	59
Ion	Ratio	Lower	Upper
266	100		
264	82.9	56.2	84.2
268	92.9	61.8	92.6



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: 0.230 ng

RT: 17.11 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE100266.D

Acq: 1 Jul 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719MSD

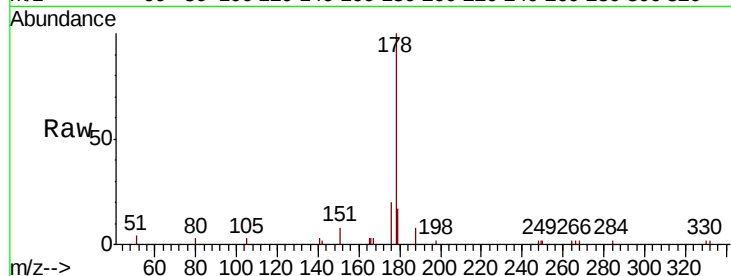
Tgt Ion:178 Resp: 3599

Ion Ratio Lower Upper

178 100

176 19.1 15.9 23.9

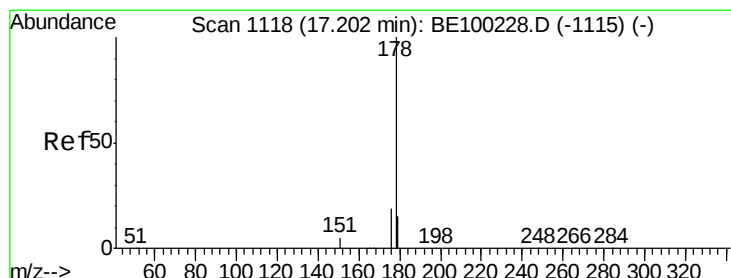
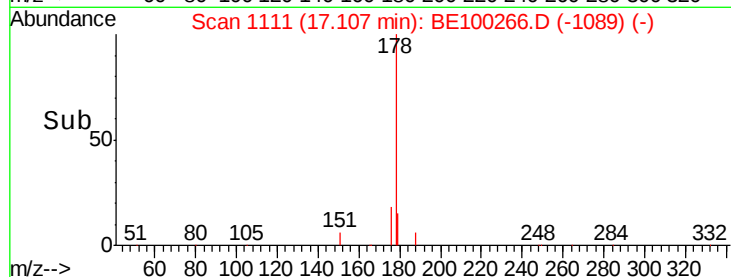
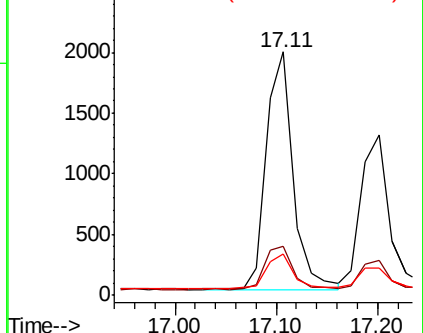
179 16.0 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.170 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100266.D

Acq: 1 Jul 2019 15:29

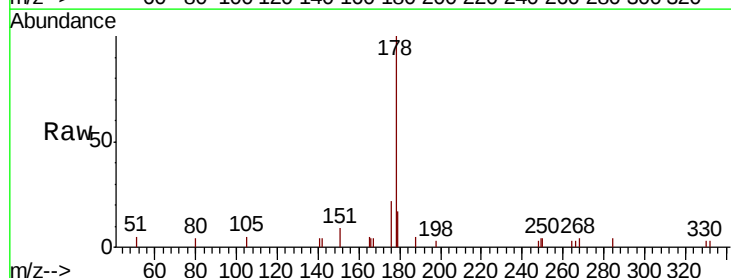
Tgt Ion:178 Resp: 2394

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

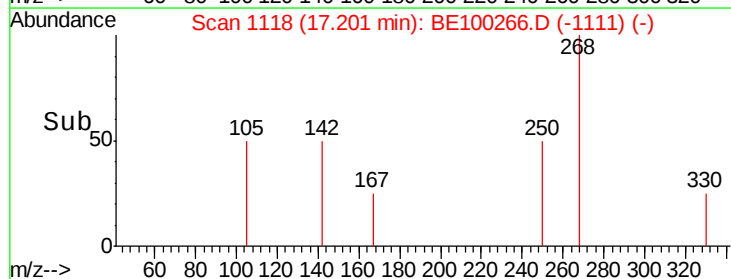
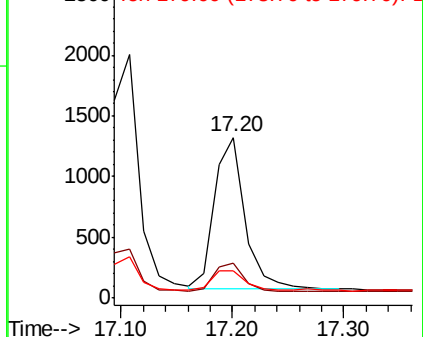
179 16.4 12.2 18.2

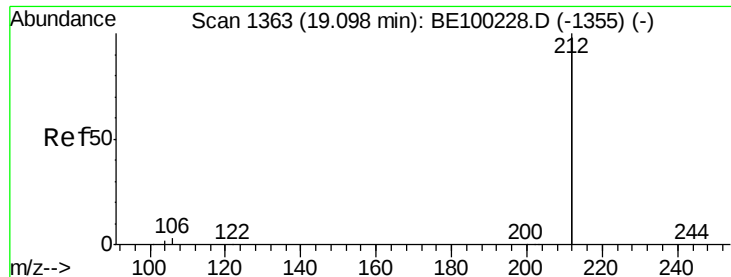


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.433 ng

RT: 19.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BE100266.D

Acq: 1 Jul 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719MSD

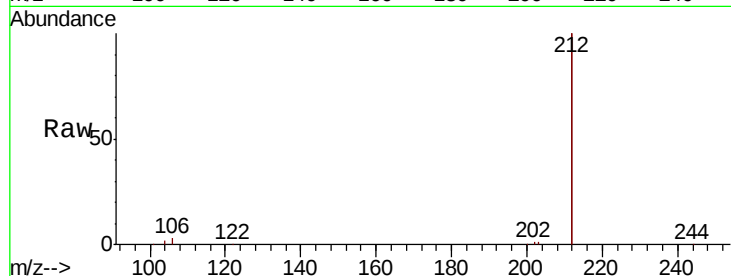
Tgt Ion:212 Resp: 40462

Ion Ratio Lower Upper

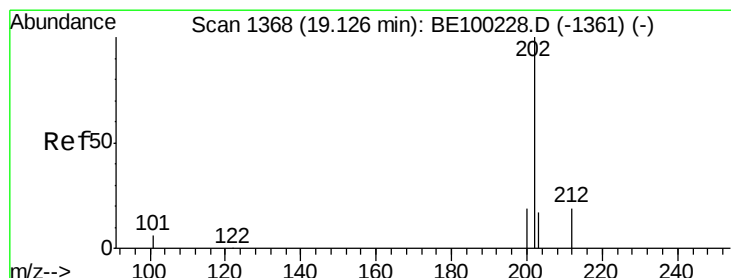
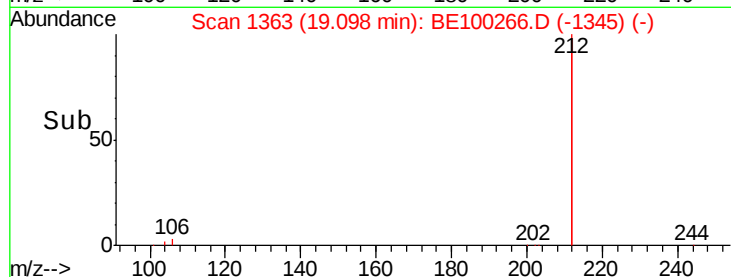
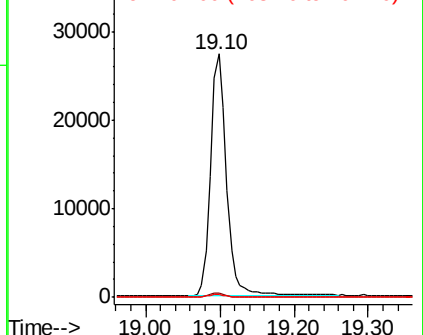
212 100

106 1.6 1.3 1.9

104 1.0 0.8 1.2



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: 0.259 ng

RT: 19.13 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE100266.D

Acq: 1 Jul 2019 15:29

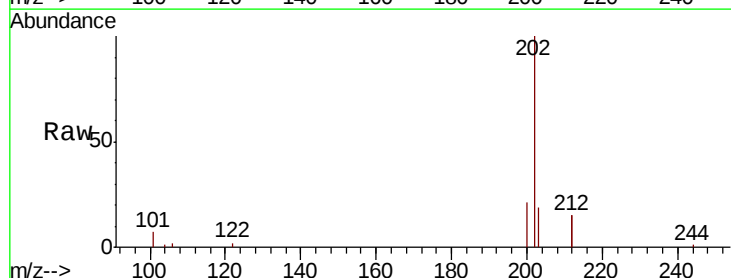
Tgt Ion:202 Resp: 6443

Ion Ratio Lower Upper

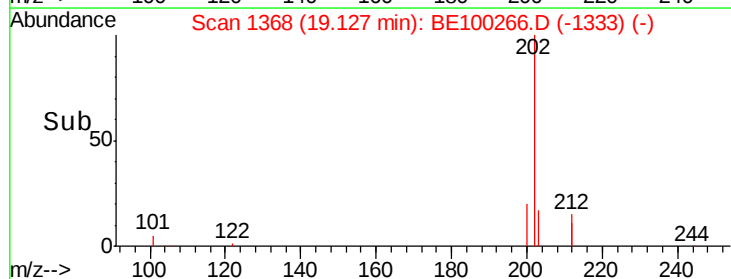
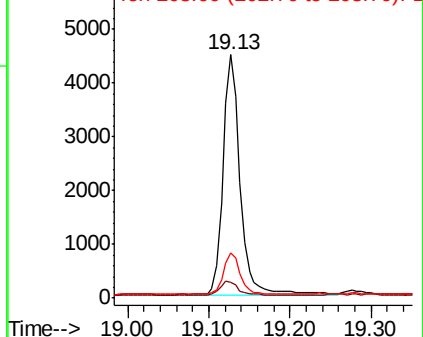
202 100

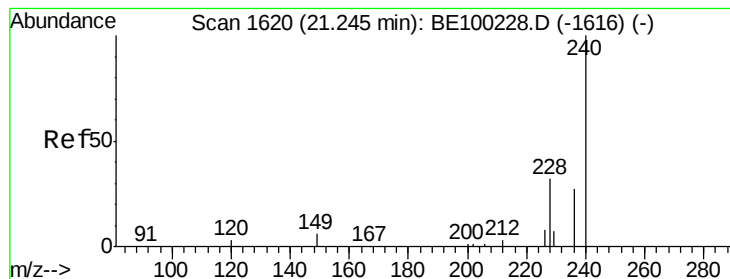
101 6.5 4.6 7.0

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: 21.25 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100266.D

Acq: 1 Jul 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719MSD

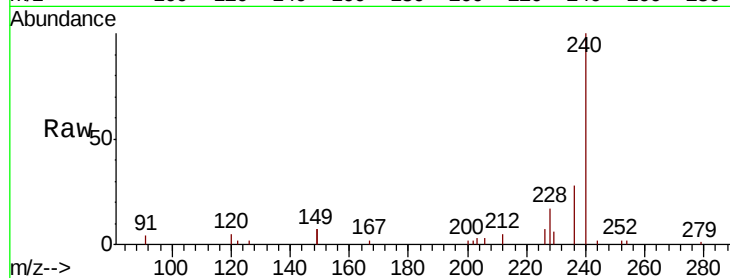
Tgt Ion:240 Resp: 8314

Ion Ratio Lower Upper

240 100

120 4.8 3.3 4.9

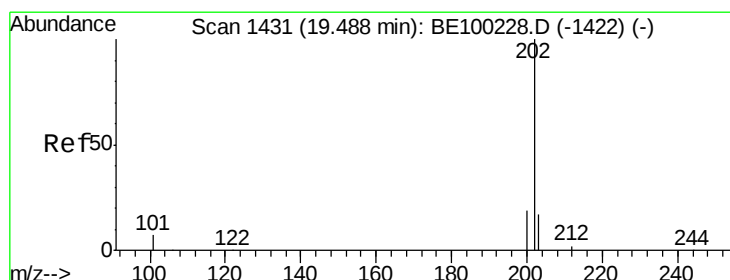
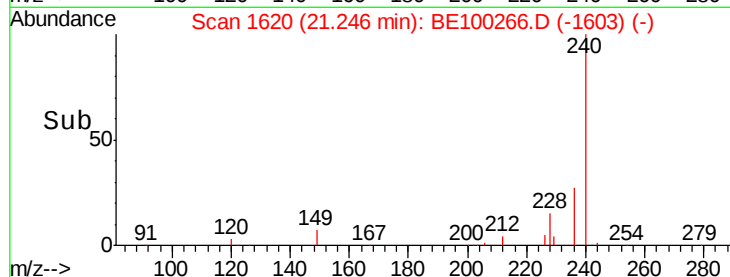
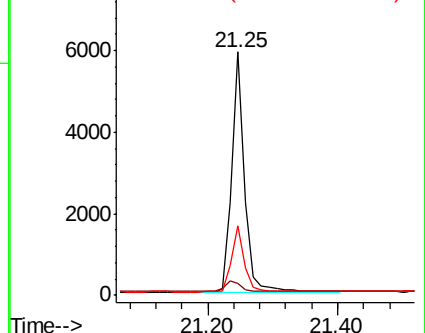
236 28.5 22.6 34.0



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: 0.299 ng

RT: 19.49 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BE100266.D

Acq: 1 Jul 2019 15:29

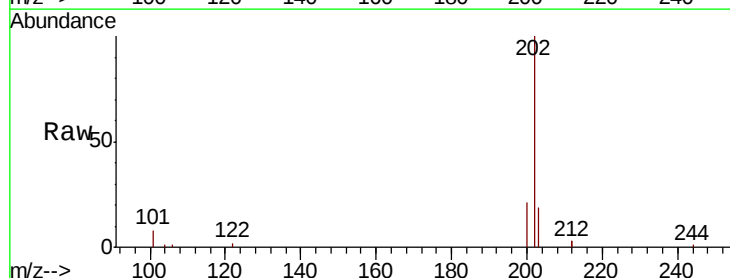
Tgt Ion:202 Resp: 6586

Ion Ratio Lower Upper

202 100

200 19.2 15.6 23.4

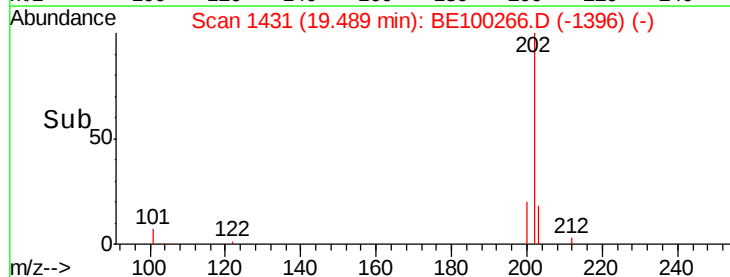
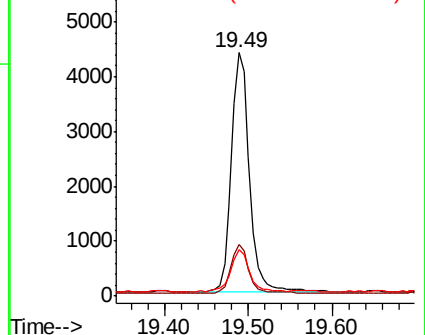
203 18.0 14.0 21.0

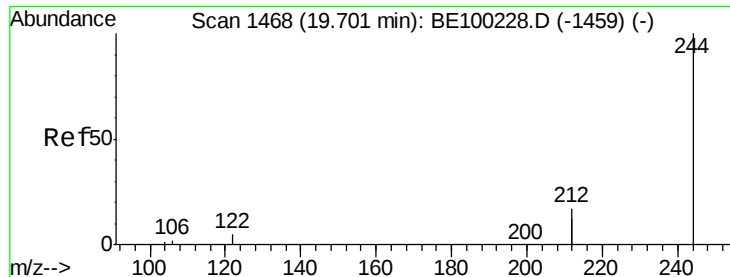


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.284 ng

RT: 19.70 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BE100266.D

Acq: 1 Jul 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719MSD

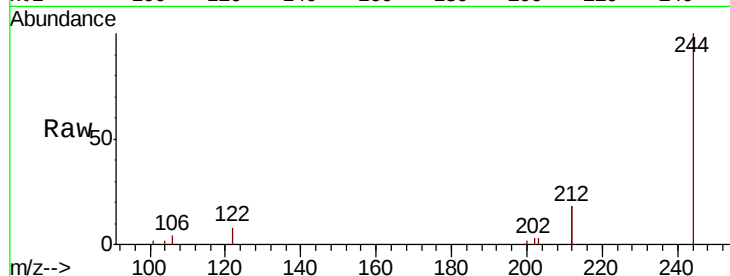
Tgt Ion:244 Resp: 4893

Ion Ratio Lower Upper

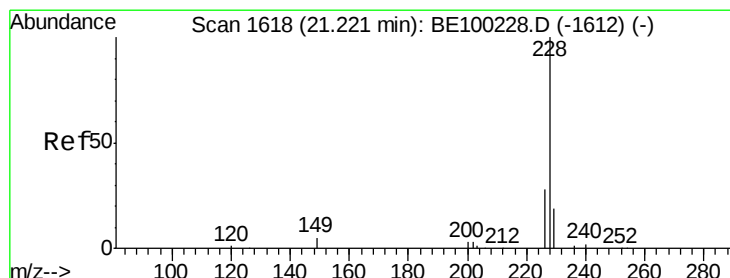
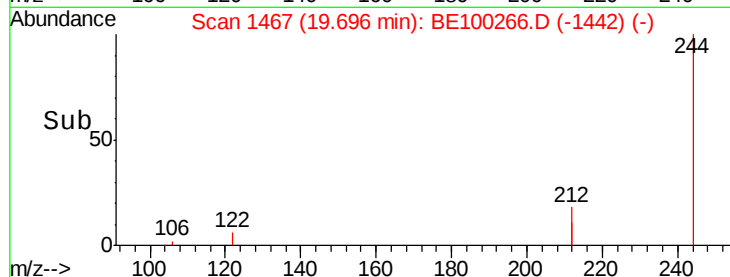
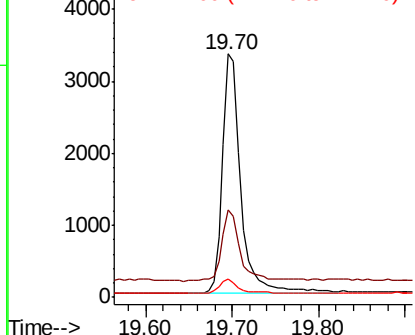
244 100

212 35.7 27.3 40.9

122 7.5 4.7 7.1#



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: 0.231 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100266.D

Acq: 1 Jul 2019 15:29

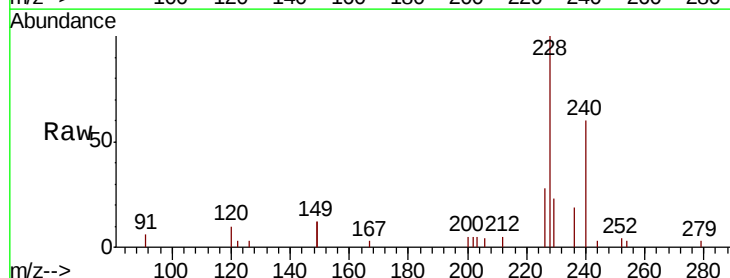
Tgt Ion:228 Resp: 6315

Ion Ratio Lower Upper

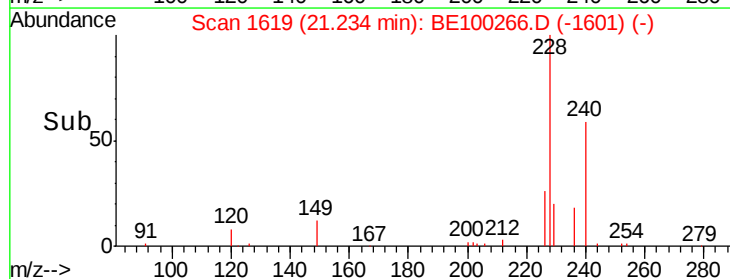
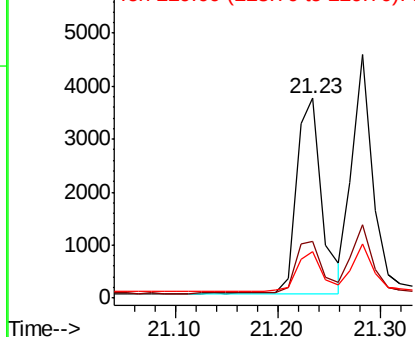
228 100

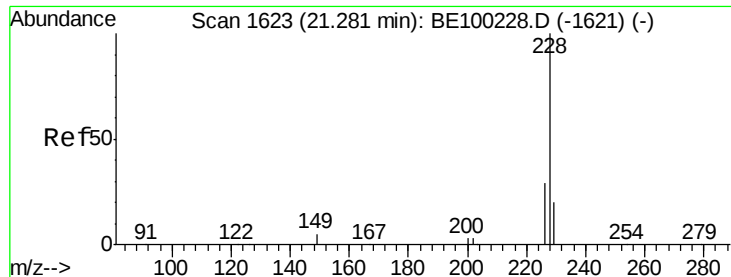
226 28.3 23.2 34.8

229 23.4 15.7 23.5



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: 0.227 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100266.D

Acq: 1 Jul 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719MSD

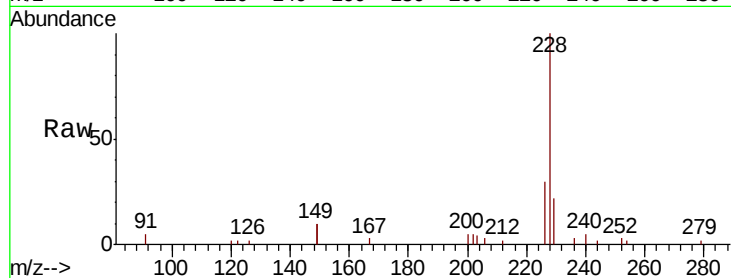
Tgt Ion: 228 Resp: 6218

Ion Ratio Lower Upper

228 100

226 30.3 23.9 35.9

229 22.2 16.5 24.7

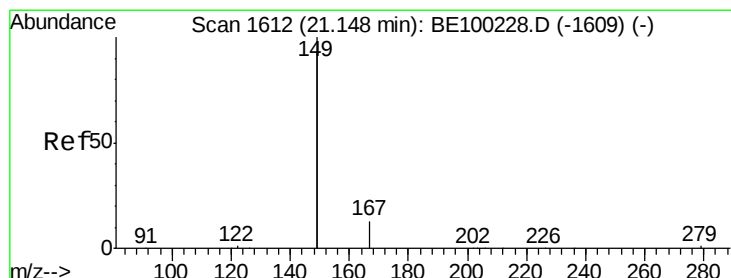
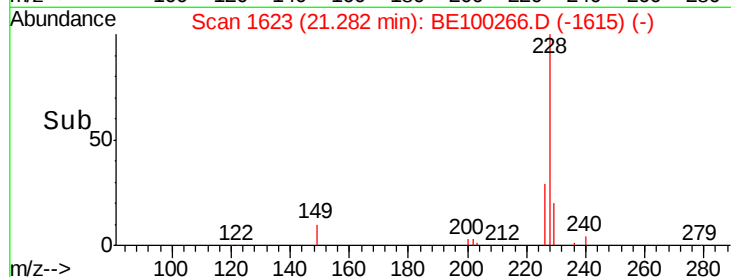
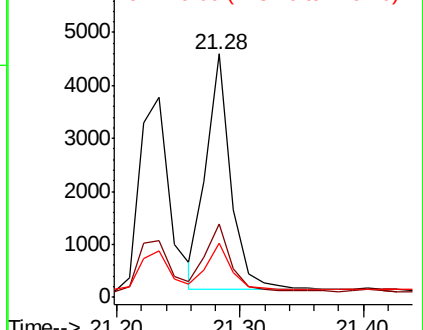


Abundance

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: 0.216 ng

RT: 21.15 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE100266.D

Acq: 1 Jul 2019 15:29

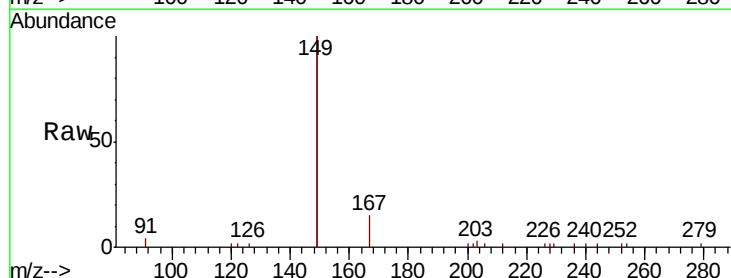
Tgt Ion: 149 Resp: 10587

Ion Ratio Lower Upper

149 100

167 7.6 5.8 8.8

279 1.6 1.1 1.7

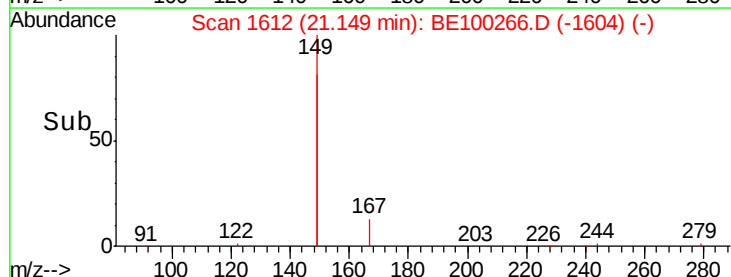
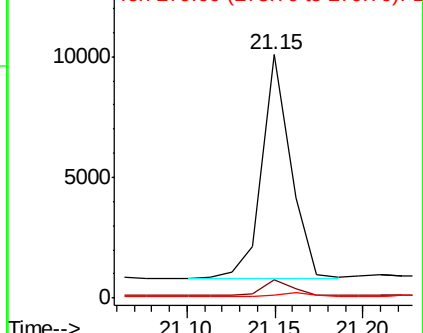


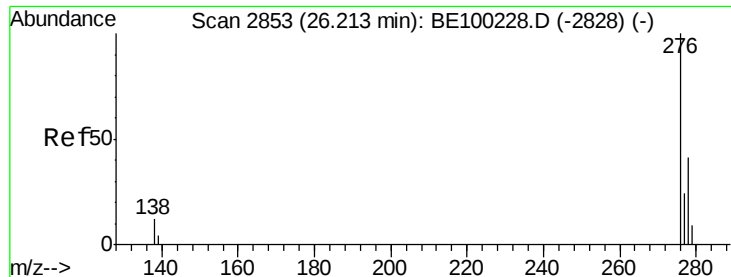
Abundance

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: 0.163 ng

RT: 26.23 min Scan# 2858

Delta R.T. 0.02 min

Lab File: BE100266.D

Acq: 1 Jul 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719MSD

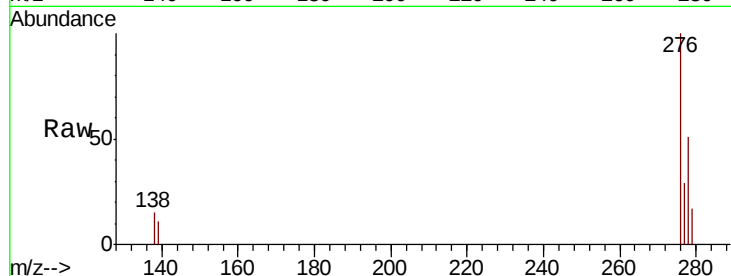
Tgt Ion:276 Resp: 5915

Ion Ratio Lower Upper

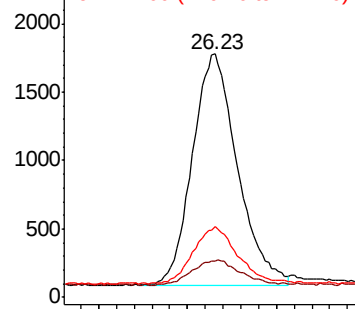
276 100

138 11.4 9.4 14.0

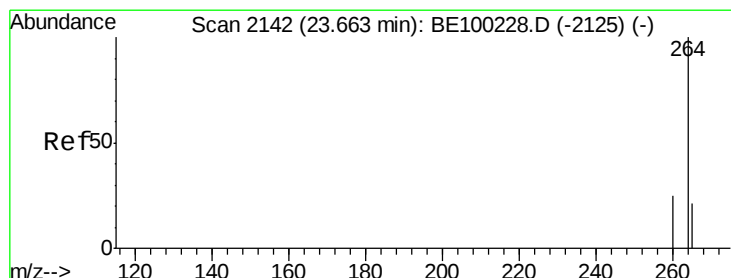
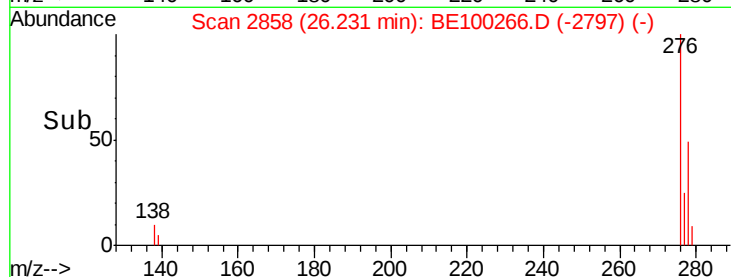
277 23.8 19.2 28.8



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



Time-->



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.67 min Scan# 2144

Delta R.T. 0.01 min

Lab File: BE100266.D

Acq: 1 Jul 2019 15:29

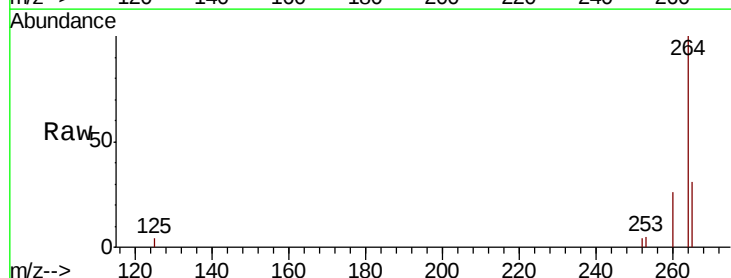
Tgt Ion:264 Resp: 9429

Ion Ratio Lower Upper

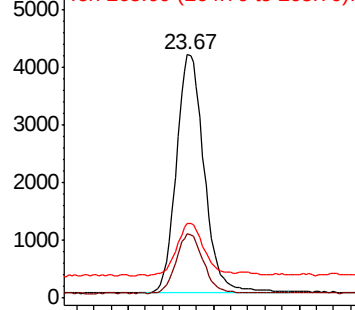
264 100

260 26.5 20.8 31.2

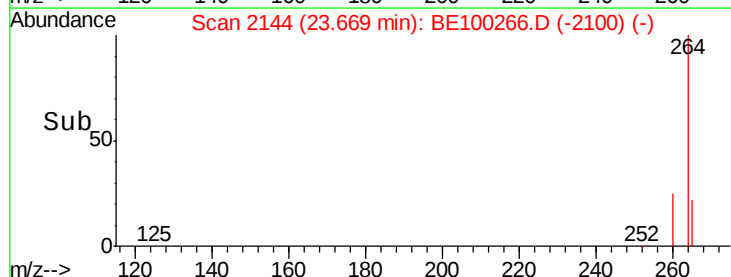
265 30.8 21.8 32.6

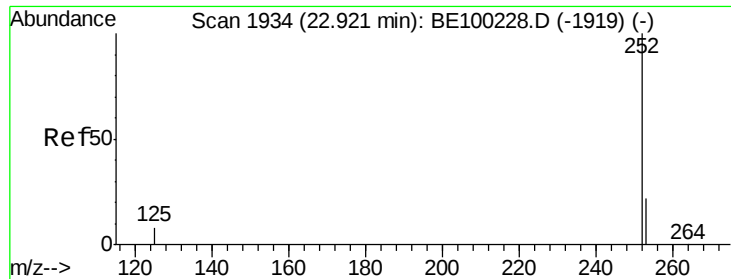


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->





#35

Benzo(b)fluoranthene

Concen: 0.204 ng

RT: 22.97 min Scan# 1949

Delta R.T. 0.05 min

Lab File: BE100266.D

Acq: 1 Jul 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719MSD

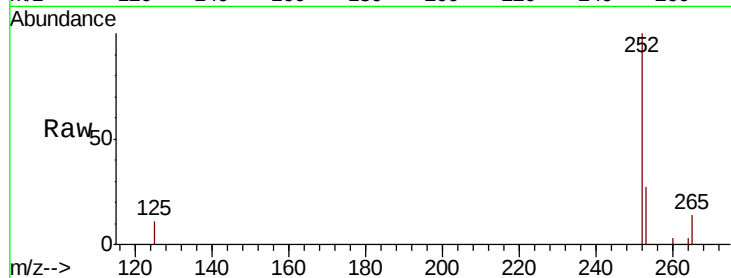
Tgt Ion:252 Resp: 5222

Ion Ratio Lower Upper

252 100

253 26.7 19.2 28.8

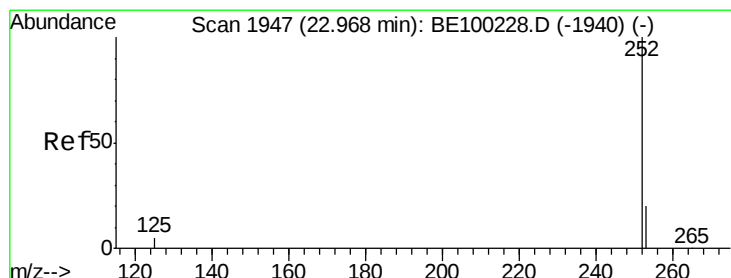
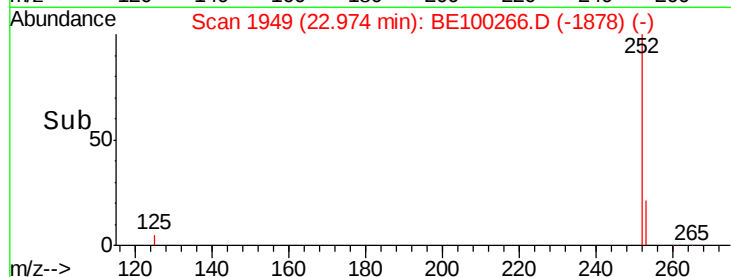
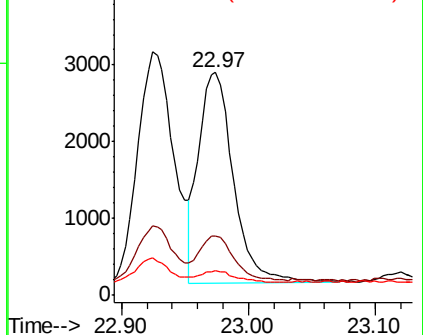
125 10.9 7.4 11.0



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: 0.183 ng

RT: 22.97 min Scan# 1949

Delta R.T. 0.01 min

Lab File: BE100266.D

Acq: 1 Jul 2019 15:29

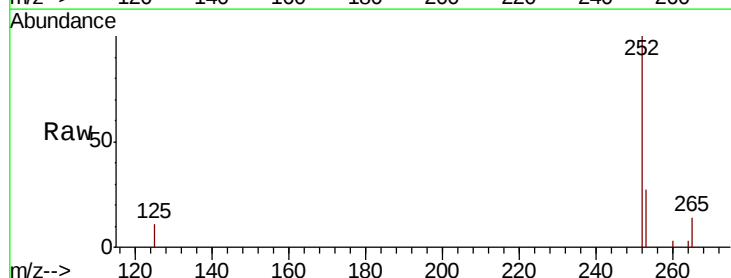
Tgt Ion:252 Resp: 5222

Ion Ratio Lower Upper

252 100

253 26.7 17.9 26.9

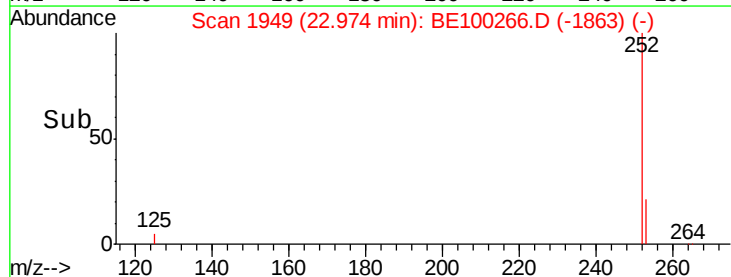
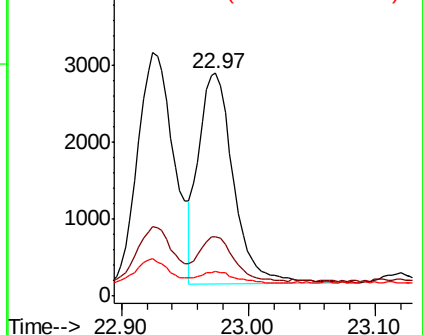
125 10.9 5.0 7.4#

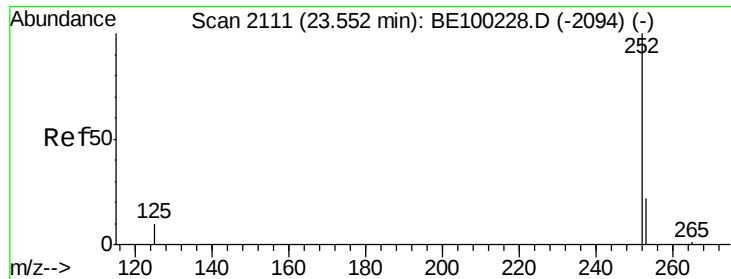


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.212 ng

RT: 23.56 min Scan# 2113

Delta R.T. 0.01 min

Lab File: BE100266.D

Acq: 1 Jul 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719MSD

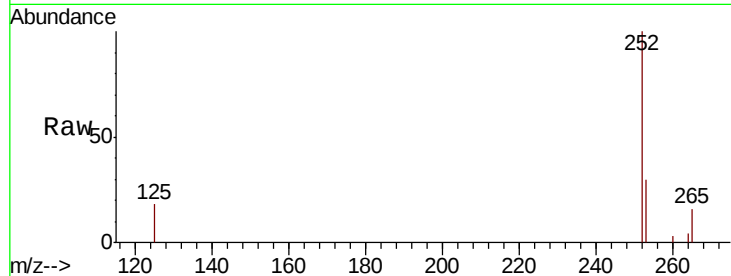
Tgt Ion:252 Resp: 5439

Ion Ratio Lower Upper

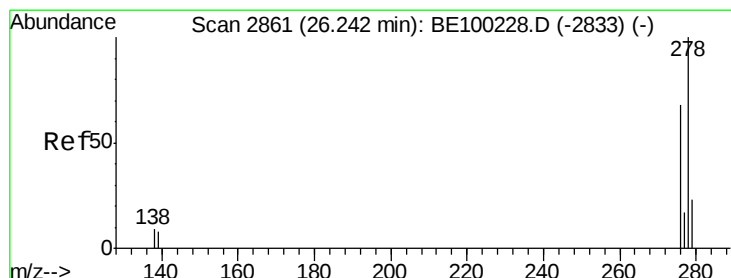
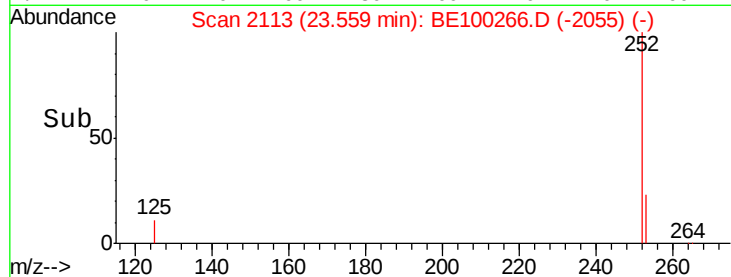
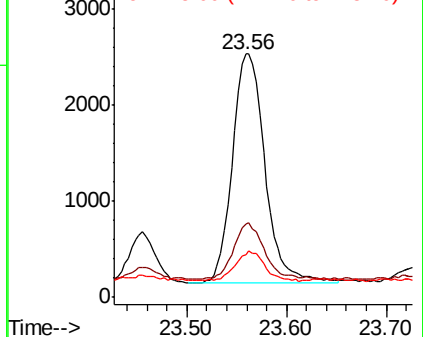
252 100

253 29.9 19.6 29.4#

125 17.6 9.0 13.6#



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: 0.163 ng

RT: 26.25 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BE100266.D

Acq: 1 Jul 2019 15:29

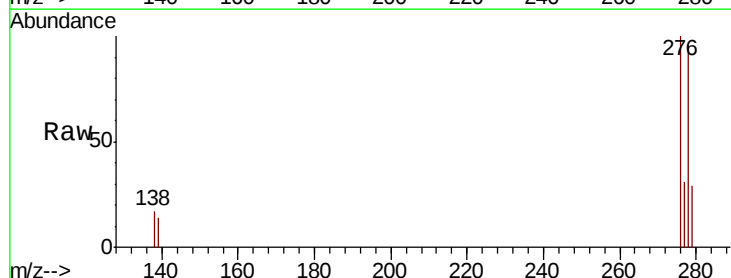
Tgt Ion:278 Resp: 4362

Ion Ratio Lower Upper

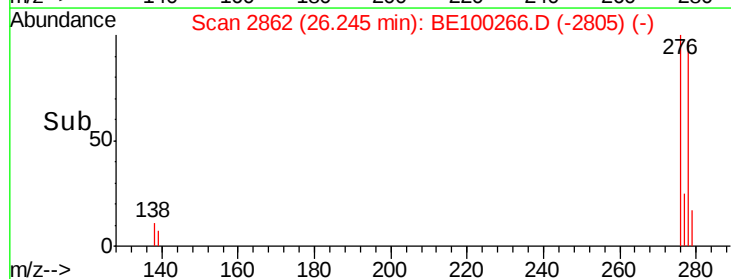
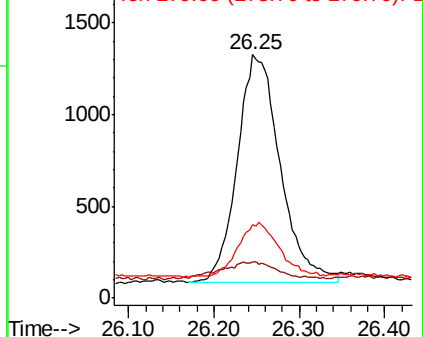
278 100

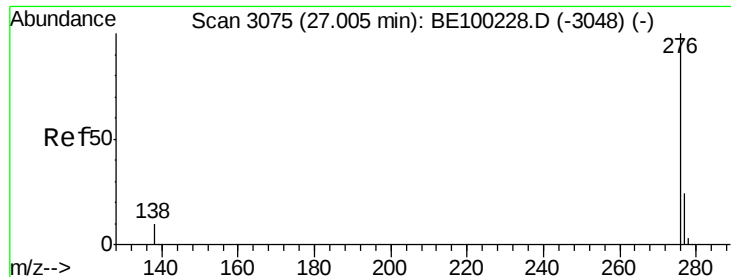
139 15.1 8.2 12.2#

279 30.4 20.3 30.5



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: 0.196 ng

RT: 27.02 min Scan# 3080

Delta R.T. 0.02 min

Lab File: BE100266.D

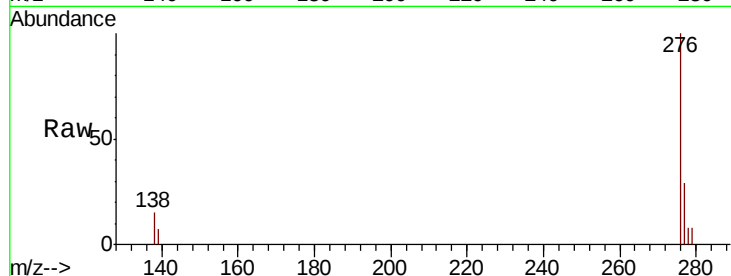
Acq: 1 Jul 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719MSD



Tgt Ion: 276 Resp: 5375

Ion Ratio Lower Upper

276 100

277 28.6 20.2 30.2

138 15.1 9.0 13.6

