

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
 Data File : BE100265.D
 Acq On : 1 Jul 2019 14:53
 Operator : JU/SJ
 Sample : K3445-15MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jul 02 02:20:00 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	715	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	2545	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	2123	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	6459	0.40	ng	0.01
27) Chrysene-d12	21.25	240	8230	0.40	ng	0.00
34) Perylene-d12	23.67	264	9430	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.21	112	373	0.20	ng	0.00
5) Phenol-d6	6.83	99	491	0.20	ng	-0.01
8) Nitrobenzene-d5	8.81	82	511	0.20	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	2368	0.49	ng	-0.01
14) 2,4,6-Tribromophenol	15.82	330	279	0.19	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	1549	0.19	ng	0.00
25) Fluoranthene-d10	19.10	212	40596	0.43	ng	0.00
29) Terphenyl-d14	19.70	244	4881	0.29	ng	0.00

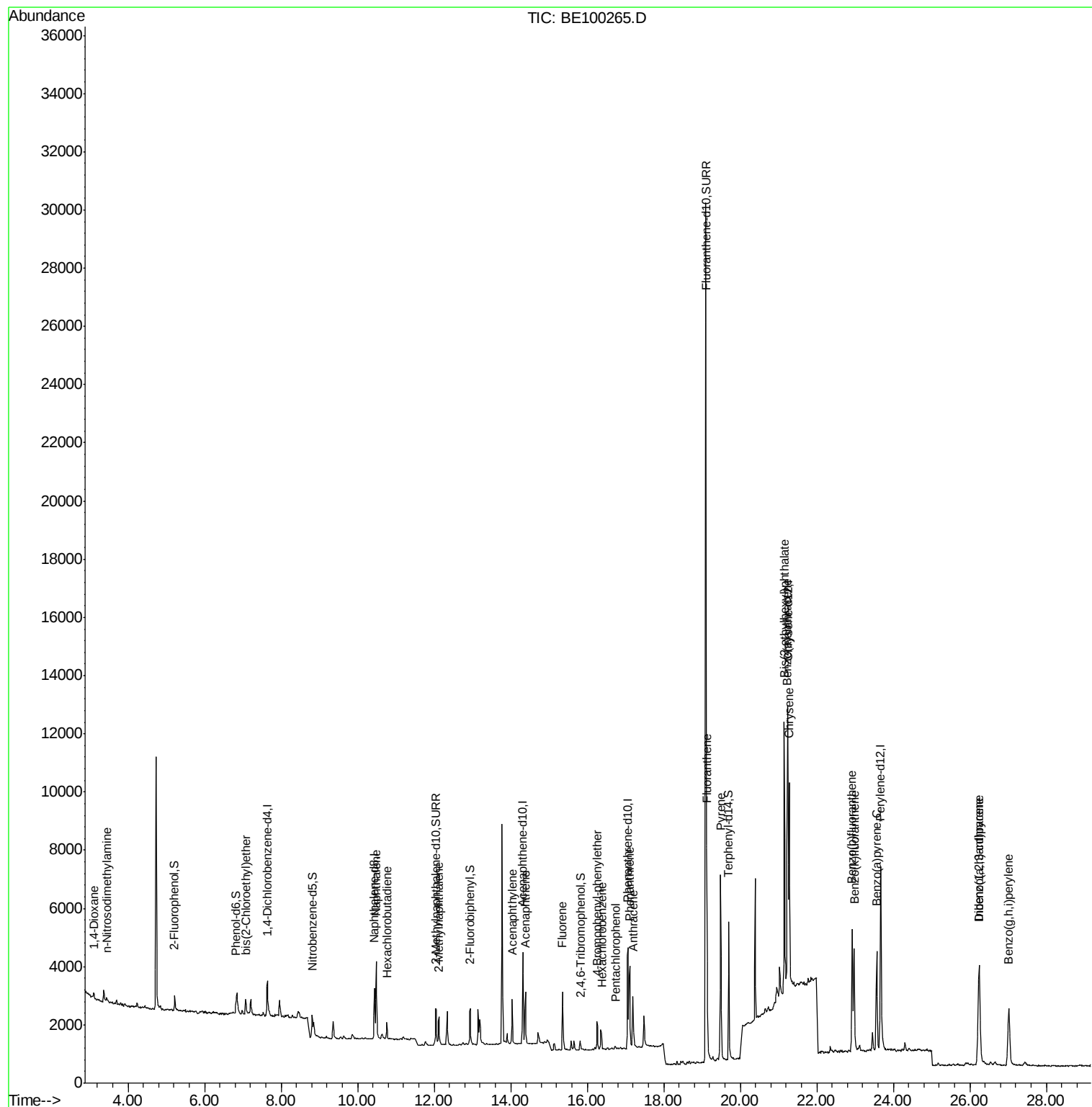
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.11	88	130	0.117	ng	# 53
3) n-Nitrosodimethylamine	3.44	42	115	0.222	ng	# 78
6) bis(2-Chloroethyl)ether	7.08	93	395	0.200	ng	99
9) Naphthalene	10.48	128	4710	0.168	ng	99
10) Hexachlorobutadiene	10.76	225	401	0.148	ng	97
12) 2-Methylnaphthalene	12.12	142	818	0.166	ng	96
16) Acenaphthylene	14.04	152	1751	0.172	ng	99
17) Acenaphthene	14.38	154	924	0.160	ng	98
18) Fluorene	15.35	166	1393	0.163	ng	99
20) 4-Bromophenyl-phenylether	16.25	248	688	0.167	ng	# 79
21) Hexachlorobenzene	16.37	284	687	0.160	ng	94
22) Pentachlorophenol	16.73	266	58	0.045	ng	93
23) Phenanthrene	17.11	178	3465	0.221	ng	99
24) Anthracene	17.20	178	2482	0.176	ng	99
26) Fluoranthene	19.13	202	6316	0.253	ng	99
28) Pyrene	19.49	202	6566	0.301	ng	98
30) Benzo(a)anthracene	21.23	228	6139	0.227	ng	97
31) Chrysene	21.28	228	6123	0.225	ng	96
32) Bis(2-ethylhexyl)phthalate	21.15	149	11058	0.232	ng	100
33) Indeno(1,2,3-cd)pyrene	26.23	276	6030	0.168	ng	99
35) Benzo(b)fluoranthene	22.93	252	5943	0.232	ng	# 89
36) Benzo(k)fluoranthene	22.98	252	5531	0.194	ng	# 88
37) Benzo(a)pyrene	23.56	252	5439	0.212	ng	# 89
38) Dibenzo(a,h)anthracene	26.25	278	4335	0.162	ng	# 89
39) Benzo(g,h,i)perylene	27.02	276	5482	0.199	ng	# 93

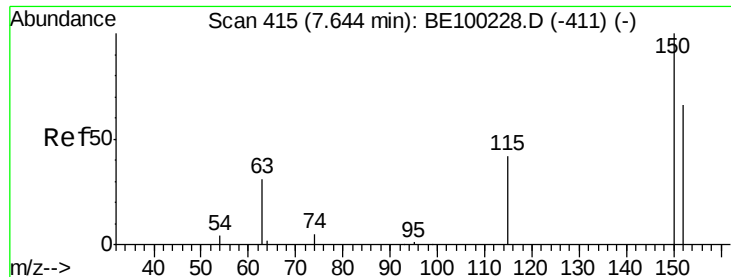
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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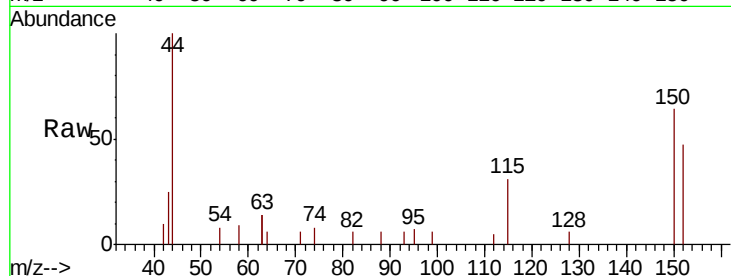


#1

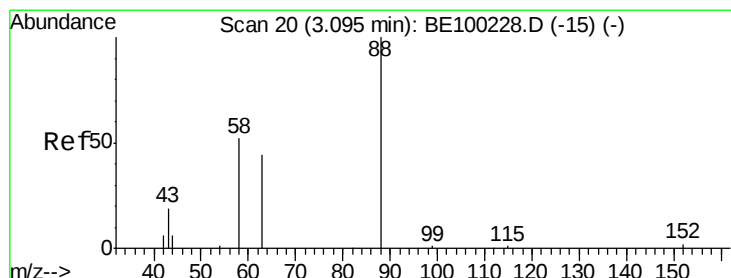
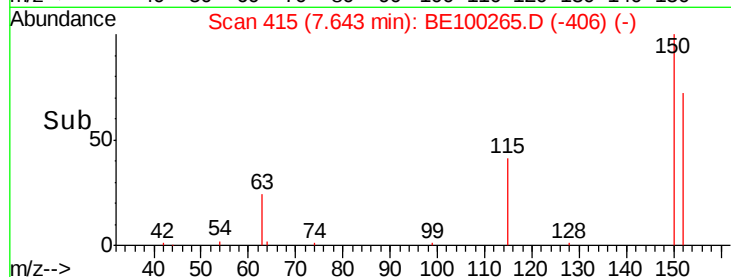
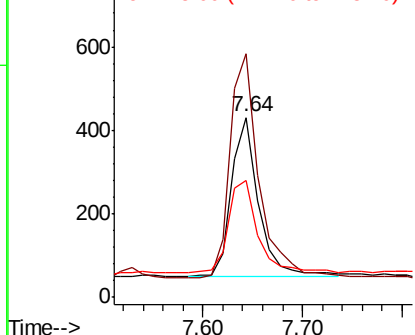
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100265.D
Acq: 1 Jul 2019 14:53

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

Tgt Ion: 152 Resp: 715
Ion Ratio Lower Upper
152 100
150 135.3 114.5 171.7
115 65.0 57.1 85.7



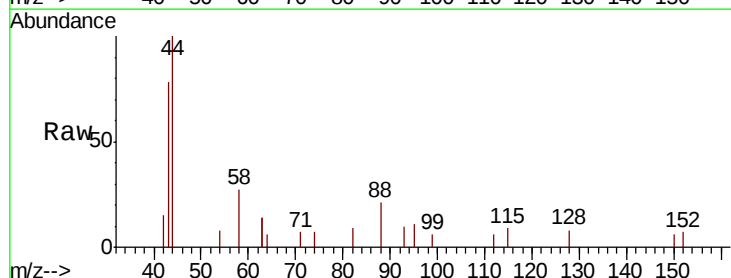
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



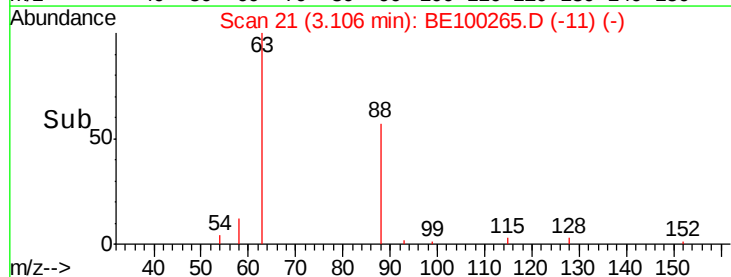
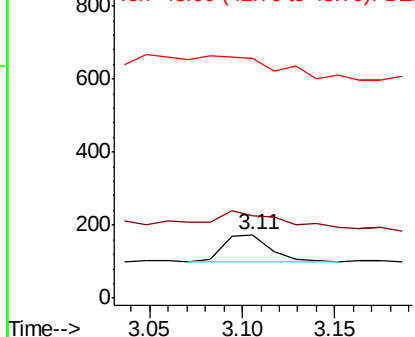
#2

1,4-Dioxane
Concen: 0.117 ng
RT: 3.11 min Scan# 21
Delta R.T. 0.01 min
Lab File: BE100265.D
Acq: 1 Jul 2019 14:53

Tgt Ion: 88 Resp: 130
Ion Ratio Lower Upper
88 100
58 86.2 43.6 65.4#
43 0.0 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: 0.222 ng

RT: 3.44 min Scan# 50

Delta R.T. -0.02 min

Lab File: BE100265.D

Acq: 1 Jul 2019 14:53

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719MS

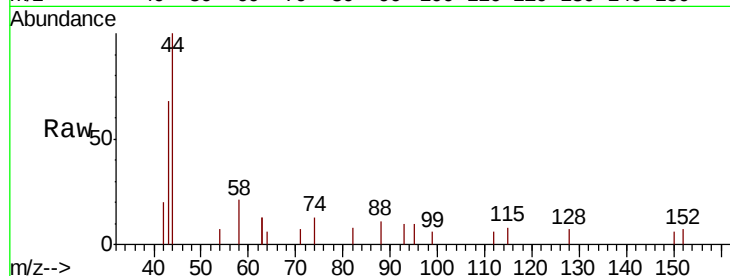
Tgt Ion: 42 Resp: 115

Ion Ratio Lower Upper

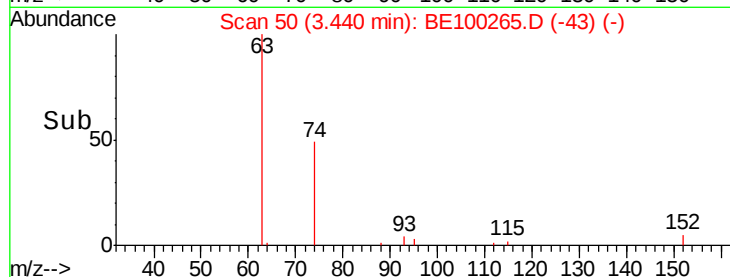
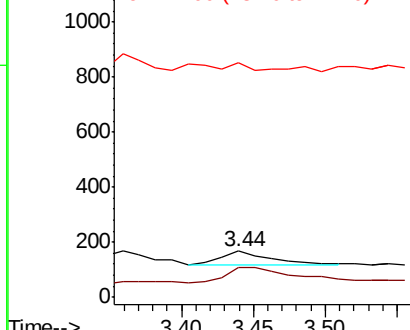
42 100

74 153.0 130.6 196.0

44 0.0 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: 0.205 ng

RT: 5.21 min Scan# 204

Delta R.T. -0.00 min

Lab File: BE100265.D

Acq: 1 Jul 2019 14:53

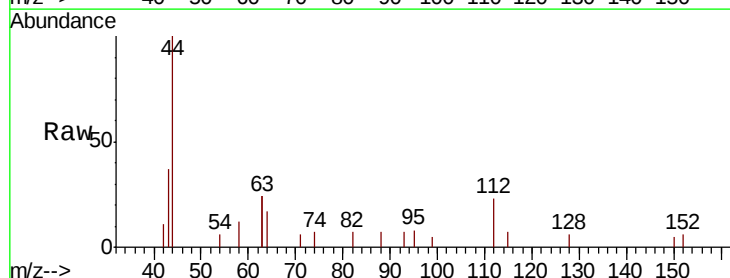
Tgt Ion: 112 Resp: 373

Ion Ratio Lower Upper

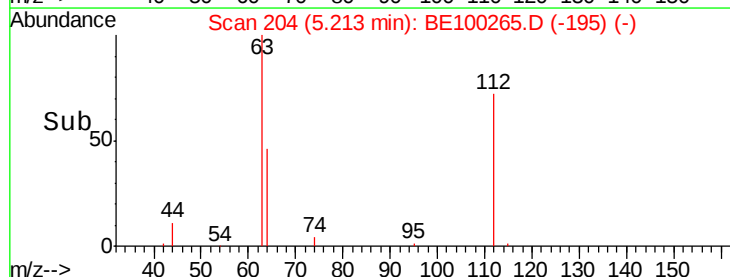
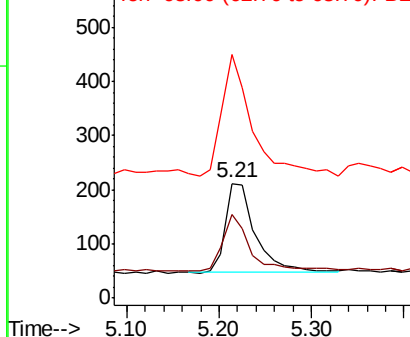
112 100

64 57.4 39.4 59.0

63 135.7 104.5 156.7



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: 0.205 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100265.D

Acq: 1 Jul 2019 14:53

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719MS

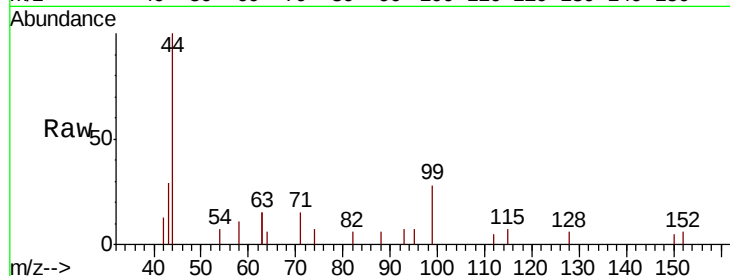
Tgt Ion: 99 Resp: 491

Ion Ratio Lower Upper

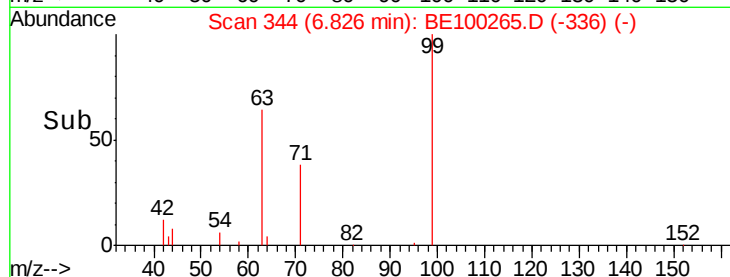
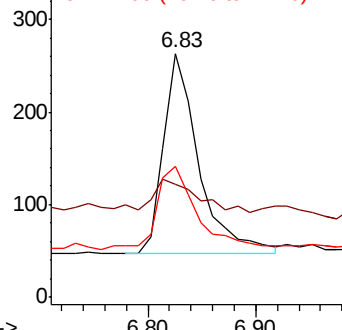
99 100

42 20.6 11.2 16.8#

71 47.0 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: 0.200 ng

RT: 7.08 min Scan# 366

Delta R.T. -0.01 min

Lab File: BE100265.D

Acq: 1 Jul 2019 14:53

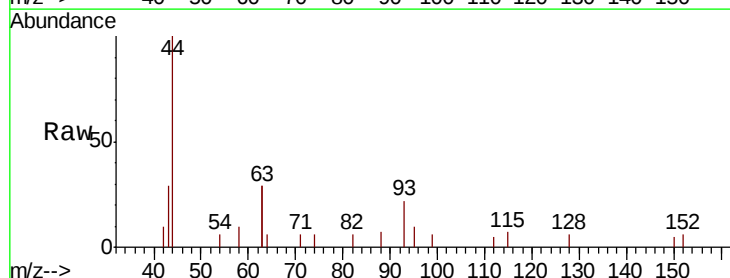
Tgt Ion: 93 Resp: 395

Ion Ratio Lower Upper

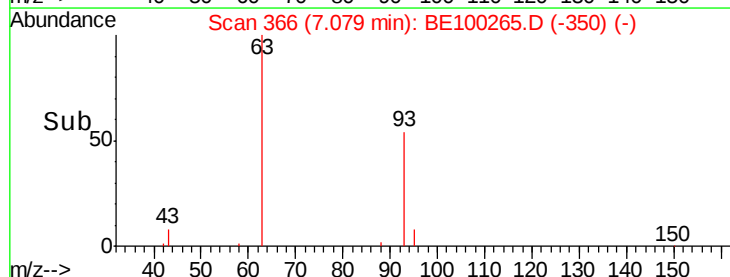
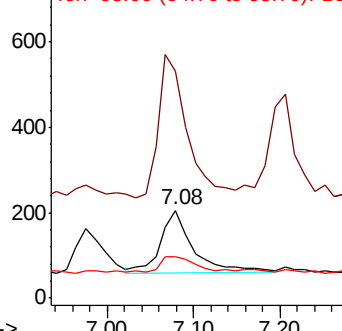
93 100

63 195.9 155.6 233.4

95 29.4 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: BE100265.D

Acq: 1 Jul 2019 14:53

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719MS

Tgt Ion: 136 Resp: 2545

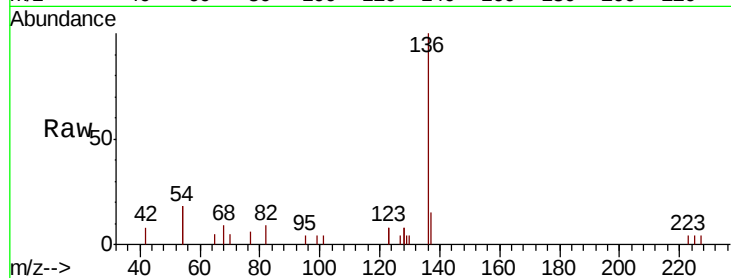
Ion Ratio Lower Upper

136 100

137 14.9 11.8 17.8

54 36.9 27.7 41.5

68 8.9 6.8 10.2

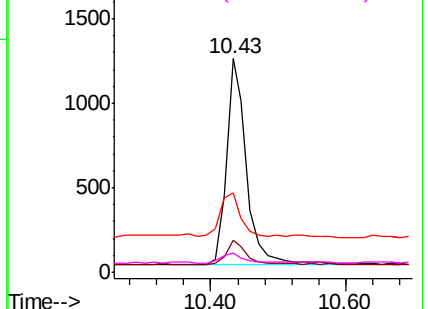
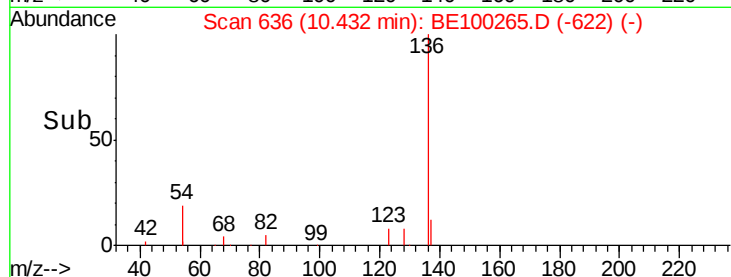


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.202 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100265.D

Acq: 1 Jul 2019 14:53

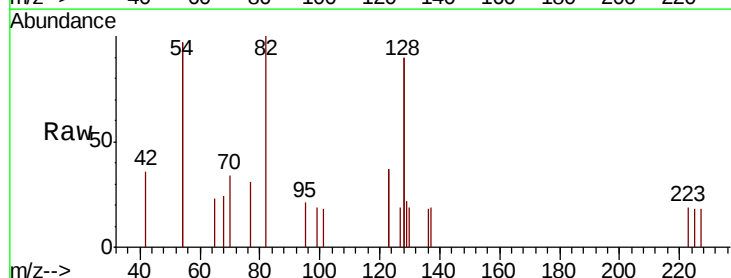
Tgt Ion: 82 Resp: 511

Ion Ratio Lower Upper

82 100

128 180.7 140.9 211.3

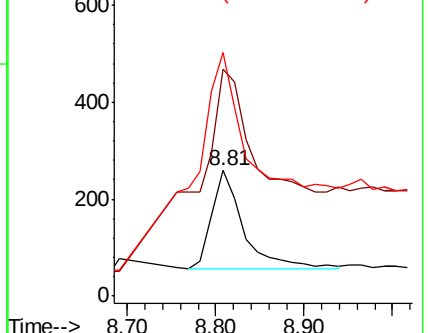
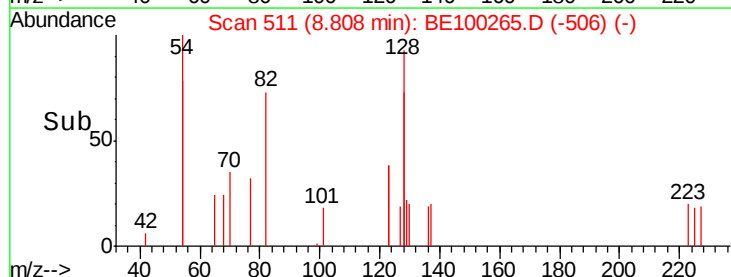
54 193.8 146.2 219.2



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: 0.168 ng

RT: 10.48 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE100265.D

Acq: 1 Jul 2019 14:53

Instrument :

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ClientSampleId :

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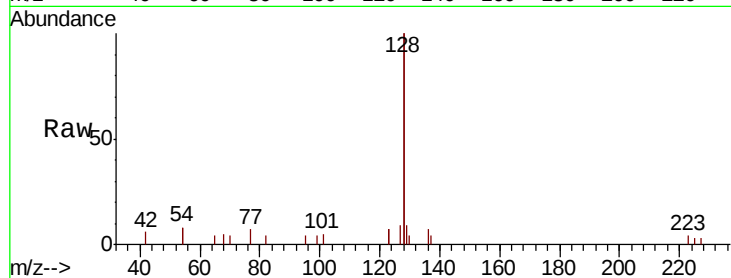
Tgt Ion:128 Resp: 4710

Ion Ratio Lower Upper

128 100

129 4.3 3.0 4.6

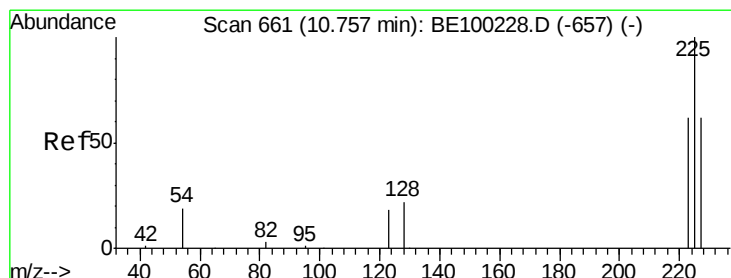
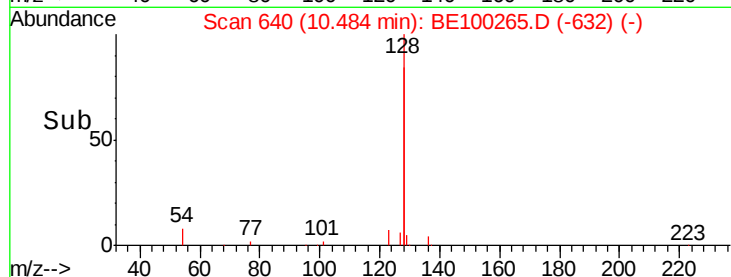
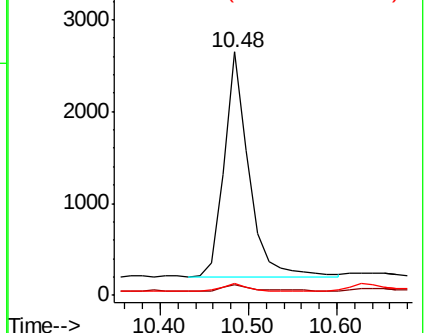
127 4.6 3.5 5.3



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: 0.148 ng

RT: 10.76 min Scan# 661

Delta R.T. -0.00 min

Lab File: BE100265.D

Acq: 1 Jul 2019 14:53

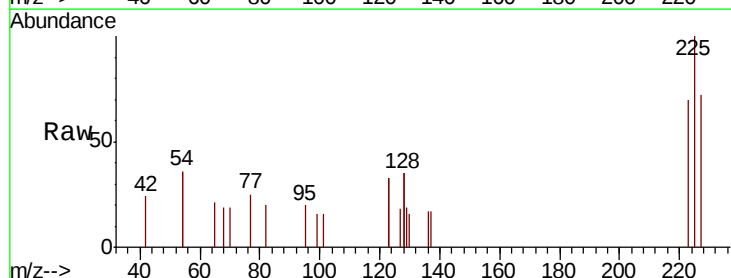
Tgt Ion:225 Resp: 401

Ion Ratio Lower Upper

225 100

223 63.8 49.1 73.7

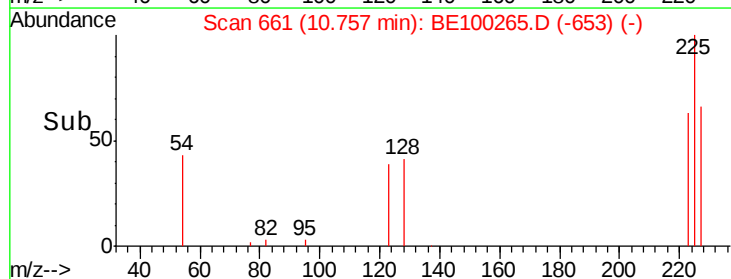
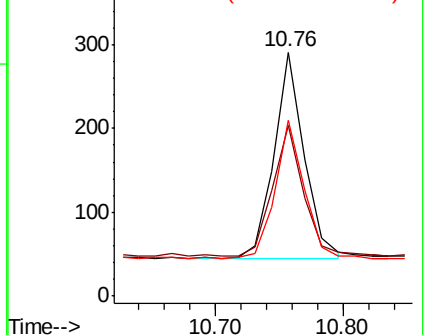
227 63.8 49.3 73.9

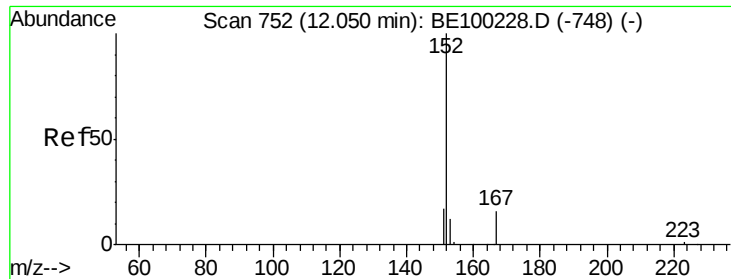


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

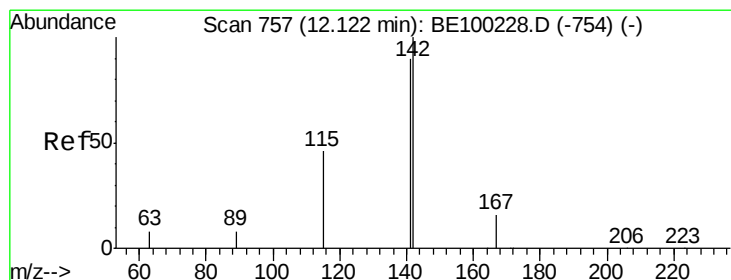
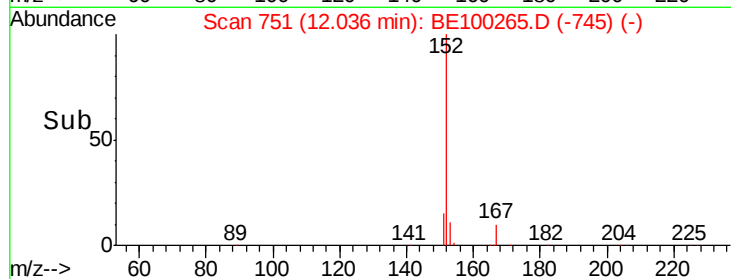
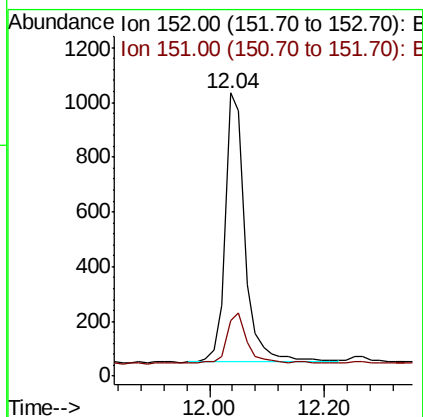
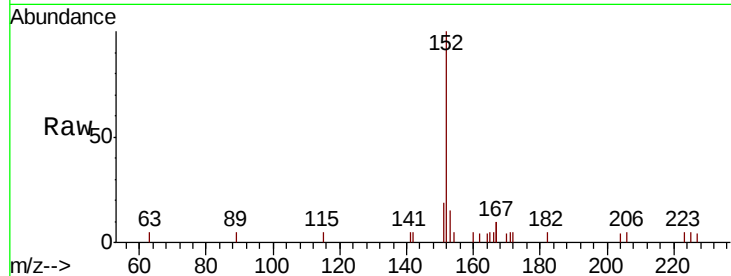




#11
2-Methylnaphthalene-d10
Concen: 0.495 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100265.D
Acq: 1 Jul 2019 14:53

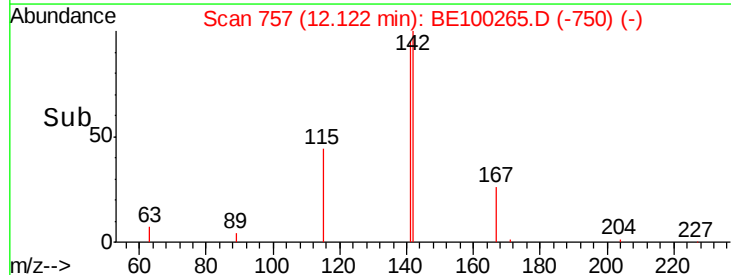
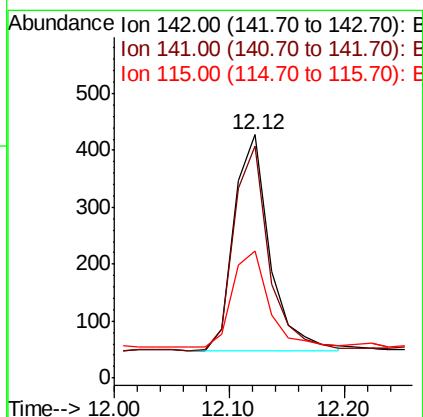
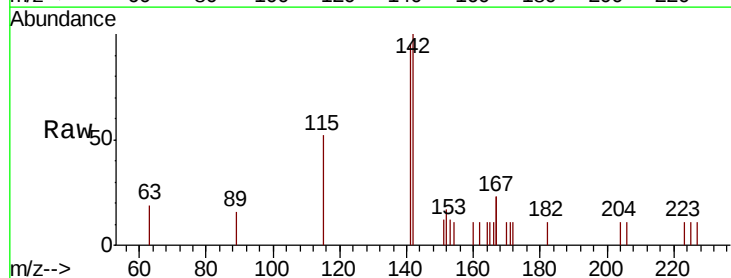
Instrument :
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ClientSampleId :
PST-001-B198-061719MS

Tgt Ion:152 Resp: 2368
Ion Ratio Lower Upper
152 100
151 18.6 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.166 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.00 min
Lab File: BE100265.D
Acq: 1 Jul 2019 14:53

Tgt Ion:142 Resp: 818
Ion Ratio Lower Upper
142 100
141 95.3 72.4 108.6
115 52.1 40.4 60.6

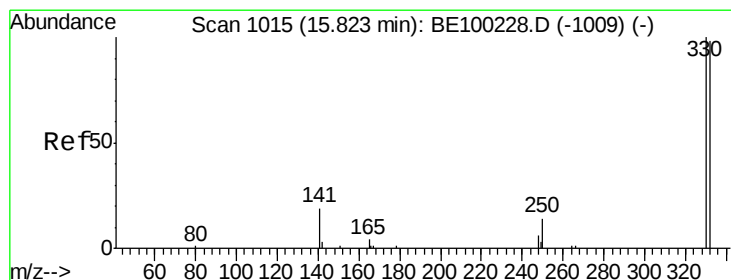
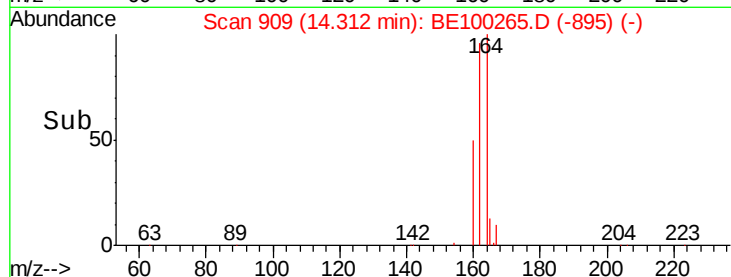
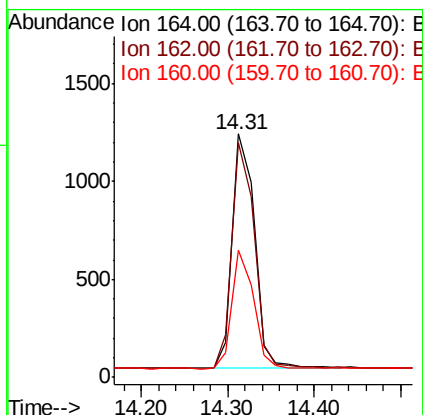
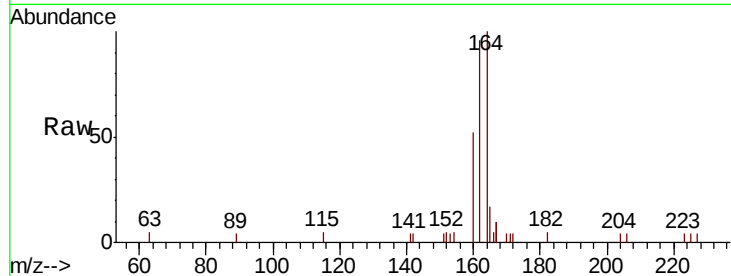




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100265.D
Acq: 1 Jul 2019 14:53

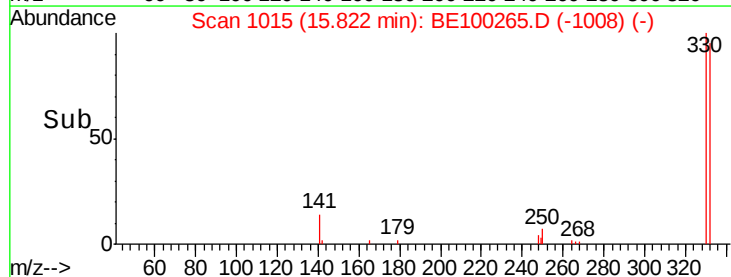
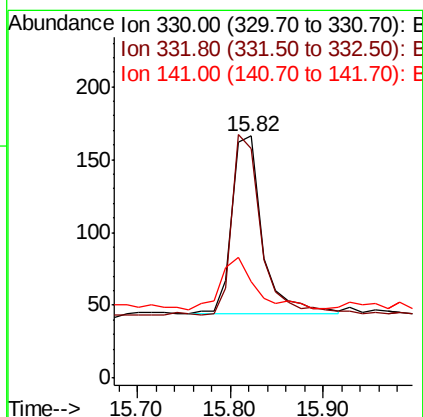
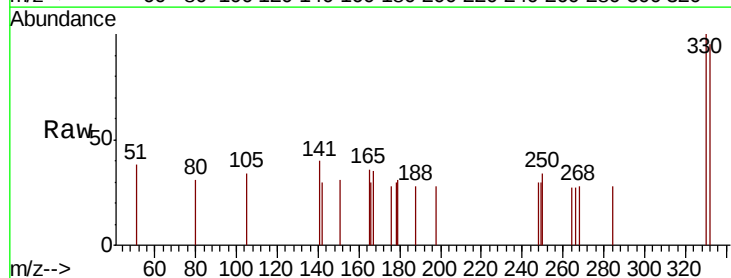
Instrument :
BNA_M
ClientSampleId :
PST-001-B198-061719MS

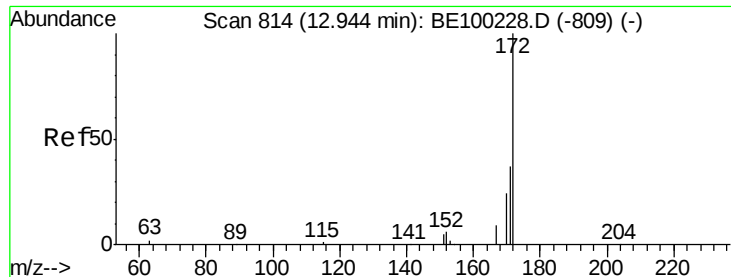
Tgt Ion:164 Resp: 2123
Ion Ratio Lower Upper
164 100
162 96.5 83.4 125.0
160 52.1 45.0 67.6



#14
2,4,6-Tribromophenol
Concen: 0.188 ng
RT: 15.82 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE100265.D
Acq: 1 Jul 2019 14:53

Tgt Ion:330 Resp: 279
Ion Ratio Lower Upper
330 100
332 100.0 77.0 115.4
141 33.7 22.0 33.0#

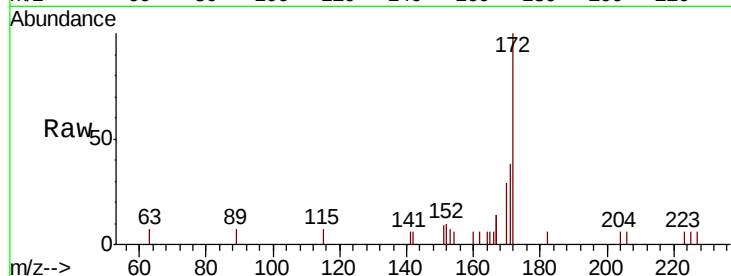




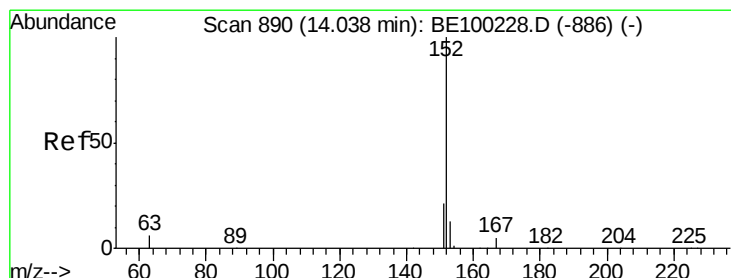
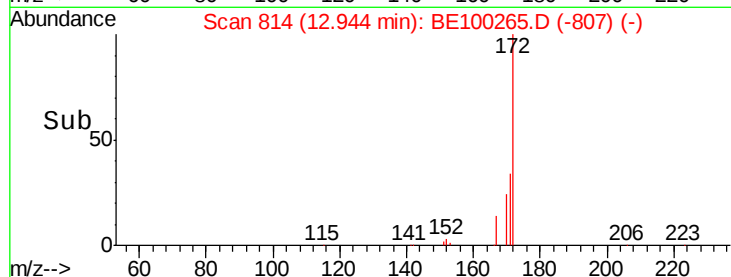
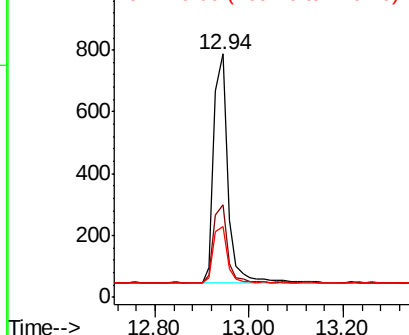
#15
2-Fluorobiphenyl
Concen: 0.187 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100265.D
Acq: 1 Jul 2019 14:53

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

Tgt Ion:172 Resp: 1549
Ion Ratio Lower Upper
172 100
171 38.1 31.9 47.9
170 28.8 22.2 33.2

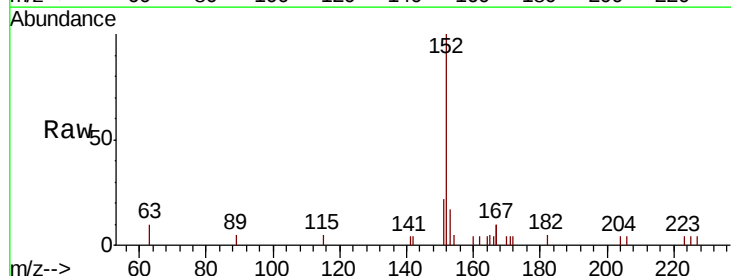


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

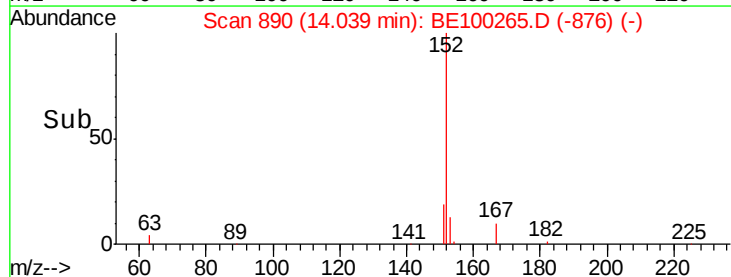
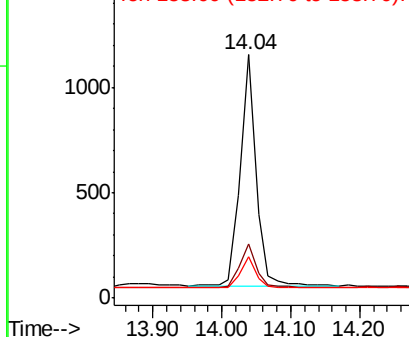


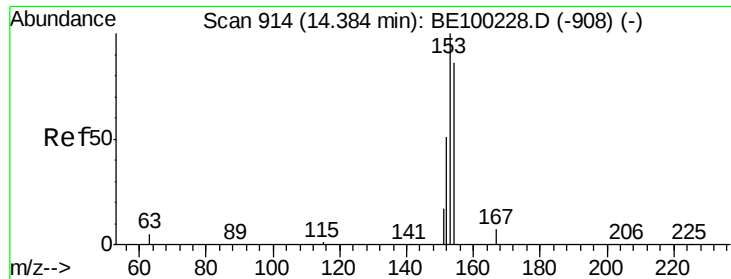
#16
Acenaphthylene
Concen: 0.172 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100265.D
Acq: 1 Jul 2019 14:53

Tgt Ion:152 Resp: 1751
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0
153 13.7 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

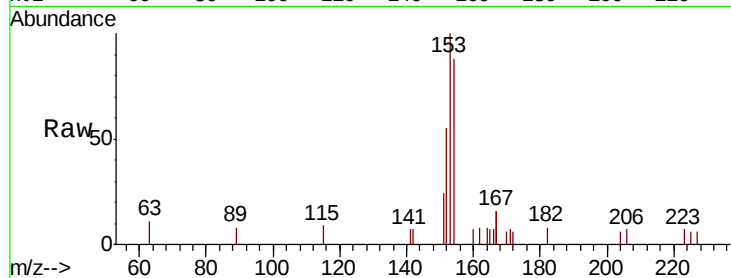




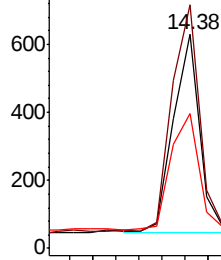
#17
Acenaphthene
Concen: 0.160 ng
RT: 14.38 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100265.D
Acq: 1 Jul 2019 14:53

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

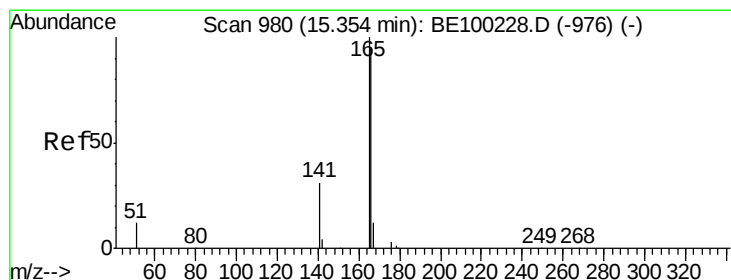
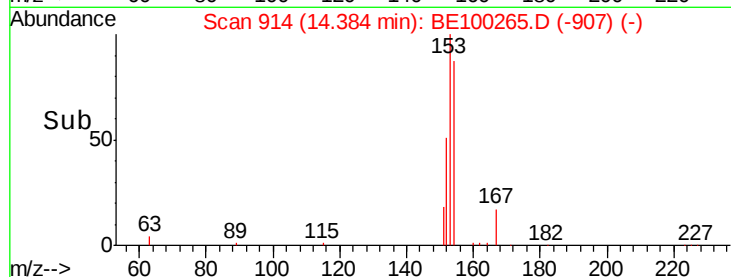
Tgt Ion:154 Resp: 924
Ion Ratio Lower Upper
154 100
153 119.7 93.4 140.2
152 62.4 49.4 74.2



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

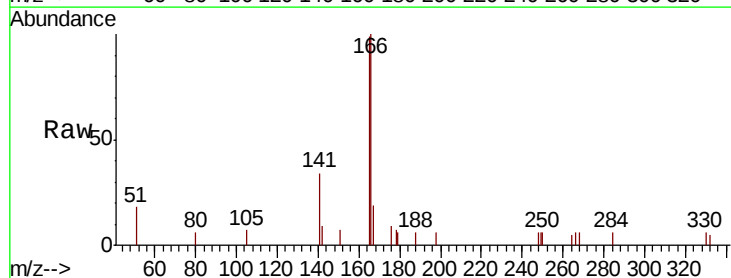


Time-->

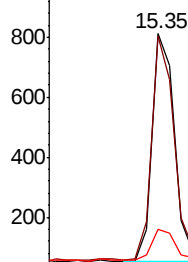


#18
Fluorene
Concen: 0.163 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100265.D
Acq: 1 Jul 2019 14:53

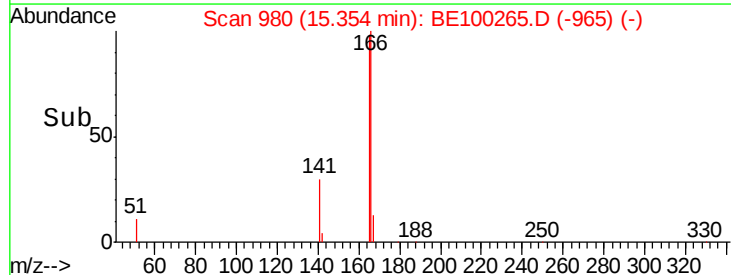
Tgt Ion:166 Resp: 1393
Ion Ratio Lower Upper
166 100
165 100.6 81.1 121.7
167 14.3 10.7 16.1



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



Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.07 min Scan# 1108

Delta R.T. 0.01 min

Lab File: BE100265.D

Acq: 1 Jul 2019 14:53

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719MS

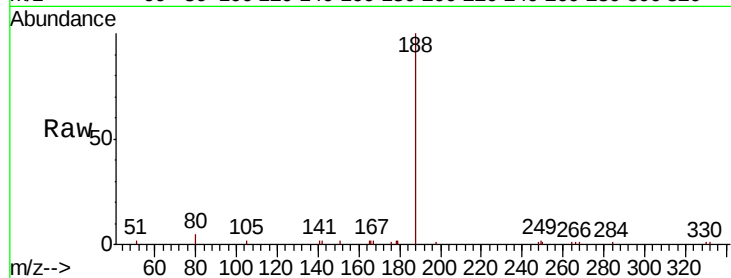
Tgt Ion:188 Resp: 6459

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

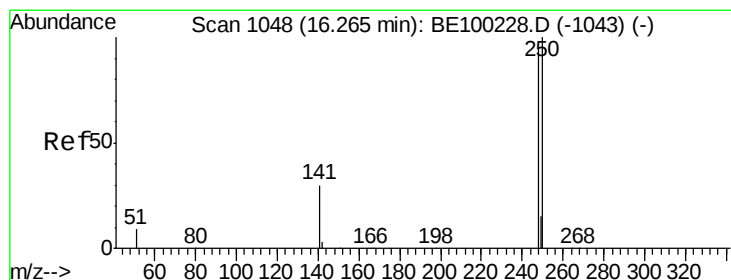
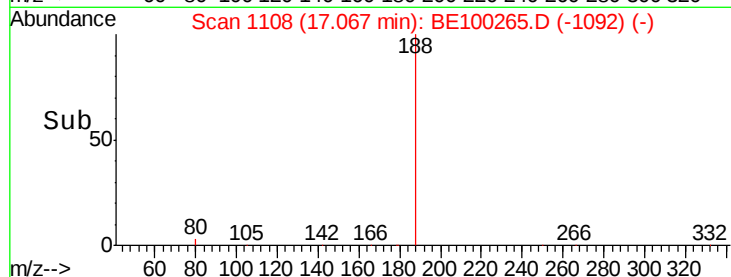
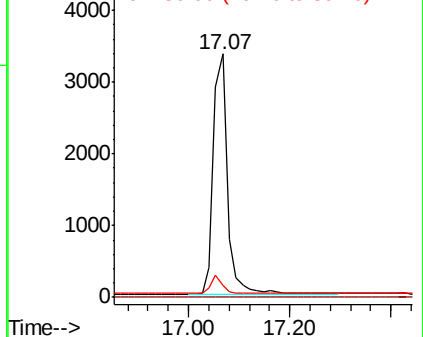
80 4.9 7.6 11.4#



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: 0.167 ng

RT: 16.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BE100265.D

Acq: 1 Jul 2019 14:53

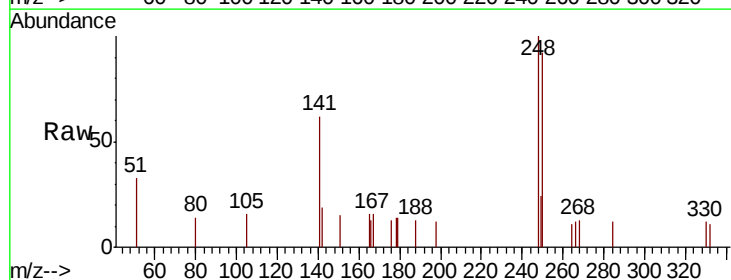
Tgt Ion:248 Resp: 688

Ion Ratio Lower Upper

248 100

250 91.7 84.2 126.4

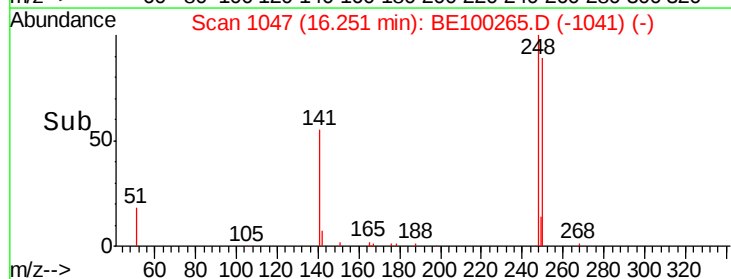
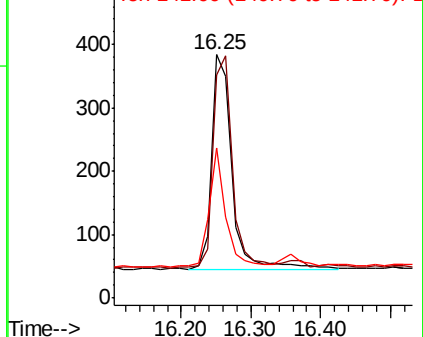
141 61.7 29.3 43.9#

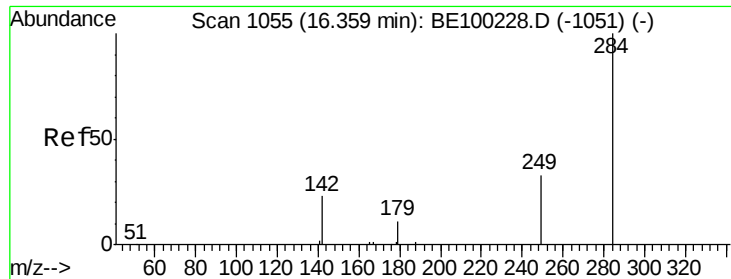


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.160 ng

RT: 16.37 min Scan# 1056

Delta R.T. 0.01 min

Lab File: BE100265.D

Acq: 1 Jul 2019 14:53

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719MS

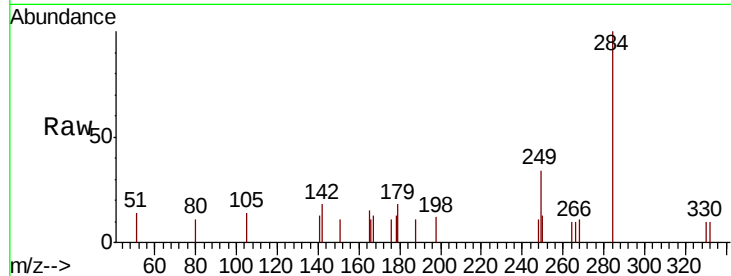
Tgt Ion:284 Resp: 687

Ion Ratio Lower Upper

284 100

142 21.1 18.8 28.2

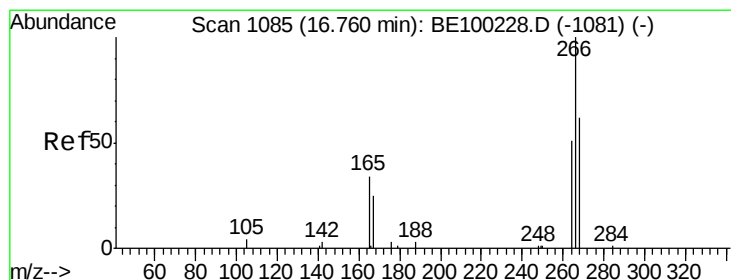
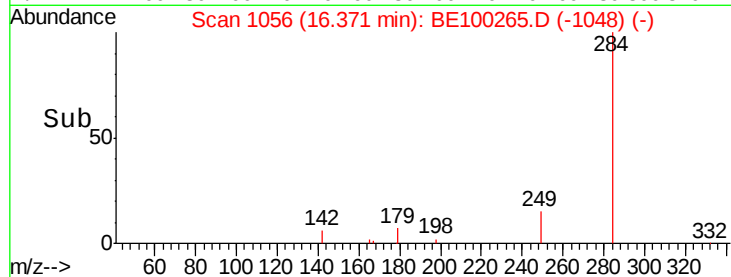
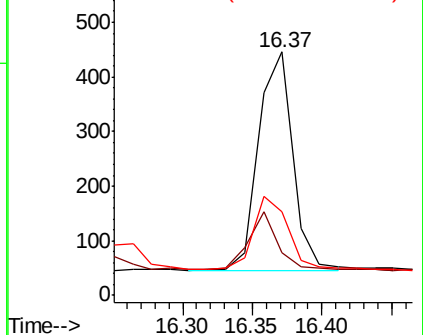
249 33.6 23.7 35.5



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: 0.045 ng

RT: 16.73 min Scan# 1083

Delta R.T. -0.03 min

Lab File: BE100265.D

Acq: 1 Jul 2019 14:53

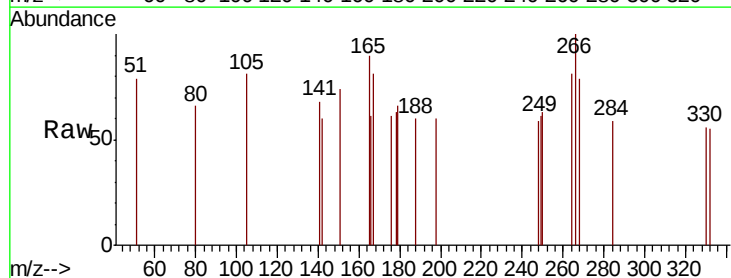
Tgt Ion:266 Resp: 58

Ion Ratio Lower Upper

266 100

264 81.3 56.2 84.2

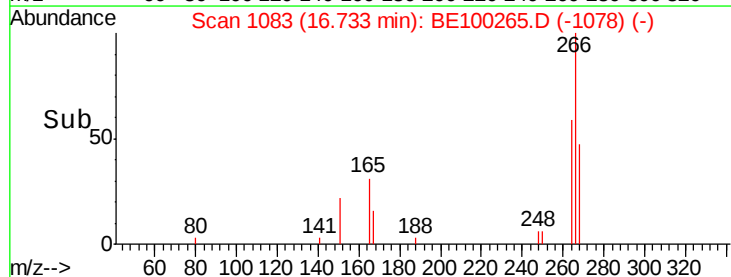
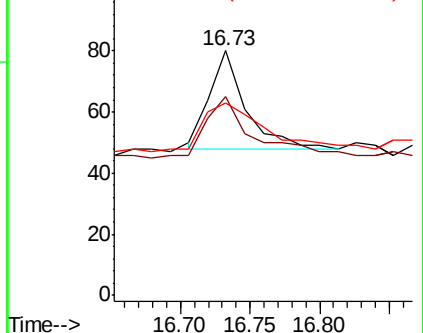
268 78.8 61.8 92.6



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: 0.221 ng

RT: 17.11 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE100265.D

Acq: 1 Jul 2019 14:53

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719MS

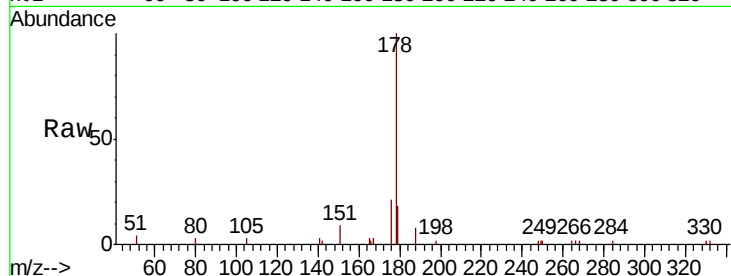
Tgt Ion:178 Resp: 3465

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

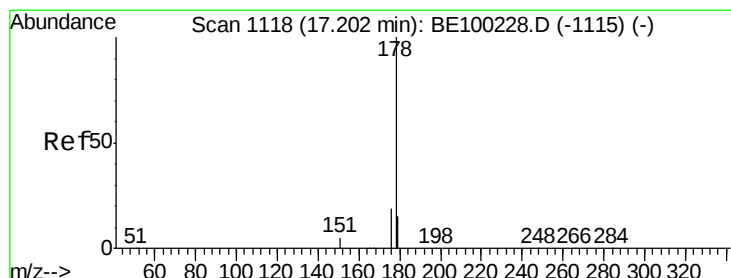
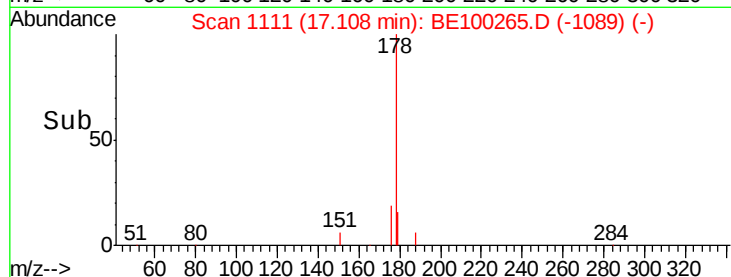
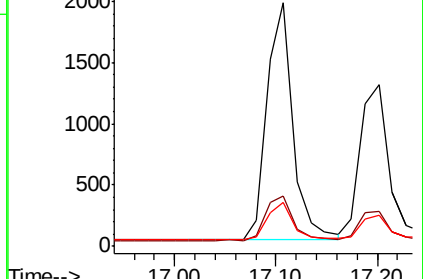
179 16.1 12.2 18.2



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: 0.176 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100265.D

Acq: 1 Jul 2019 14:53

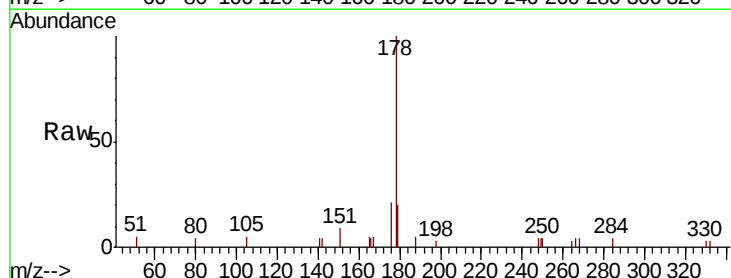
Tgt Ion:178 Resp: 2482

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

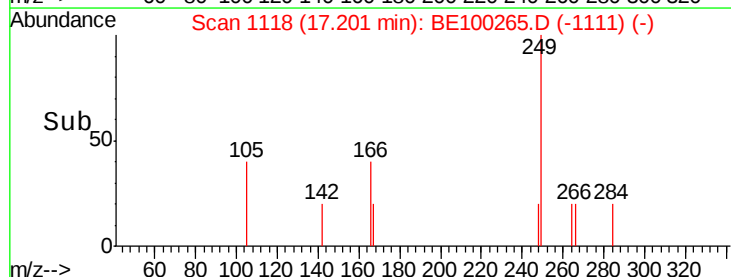
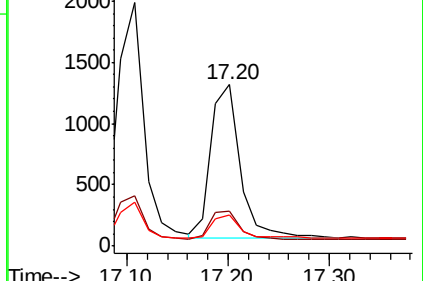
179 15.8 12.2 18.2

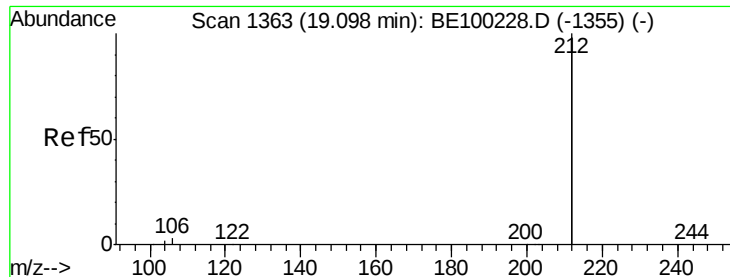


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

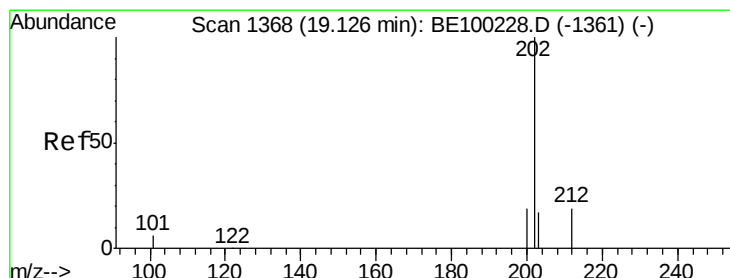
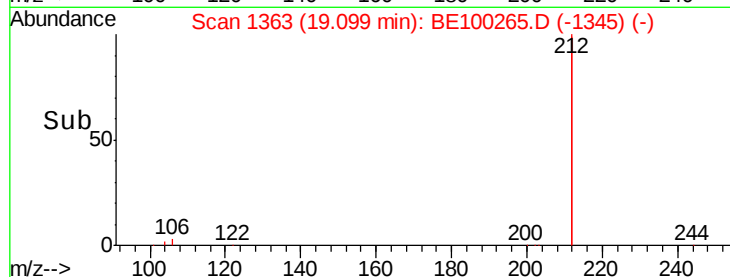
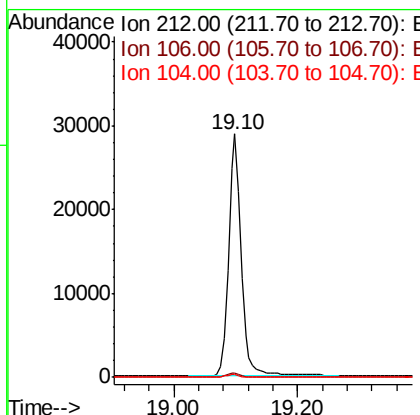
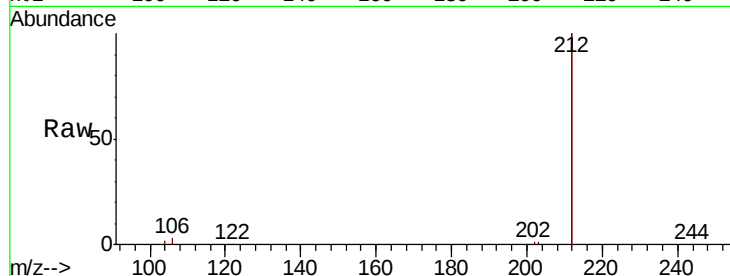




#25
Fluoranthene-d10
Concen: 0.433 ng
RT: 19.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BE100265.D
Acq: 1 Jul 2019 14:53

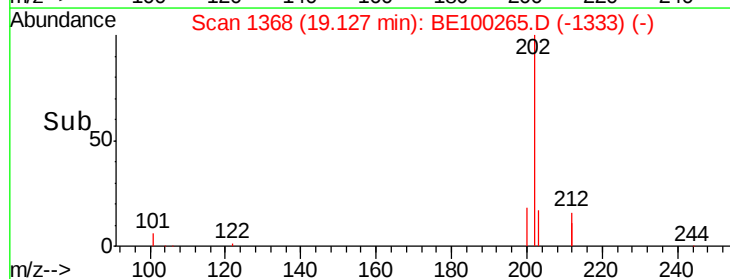
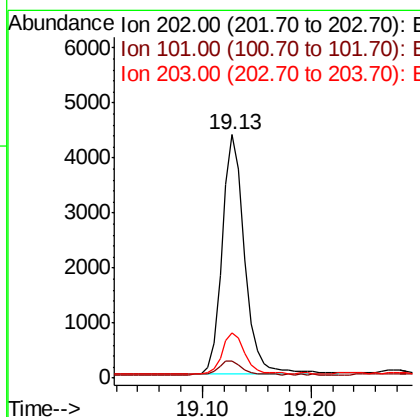
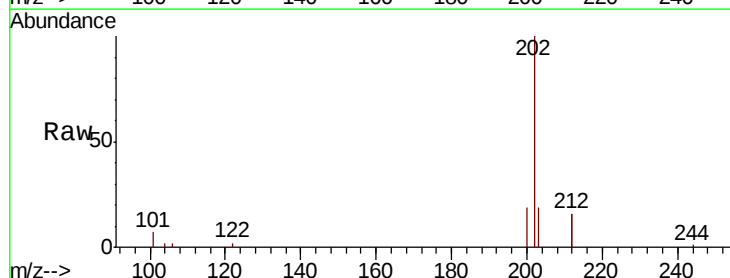
Instrument :
BNA_M
ClientSampleId :
PST-001-B198-061719MS

Tgt Ion: 212 Resp: 40596
Ion Ratio Lower Upper
212 100
106 1.6 1.3 1.9
104 0.9 0.8 1.2



#26
Fluoranthene
Concen: 0.253 ng
RT: 19.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE100265.D
Acq: 1 Jul 2019 14:53

Tgt Ion: 202 Resp: 6316
Ion Ratio Lower Upper
202 100
101 6.2 4.6 7.0
203 17.4 13.7 20.5

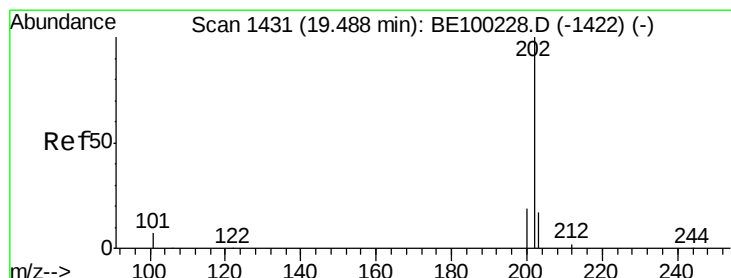
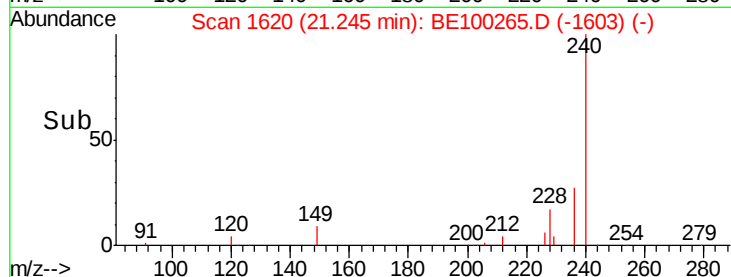
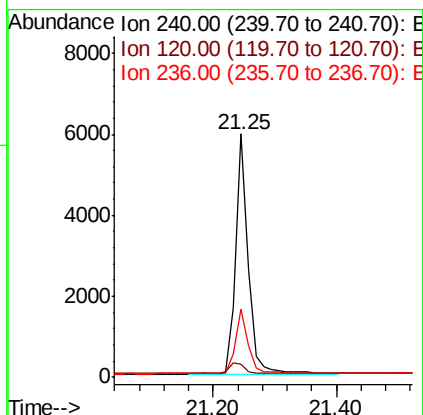
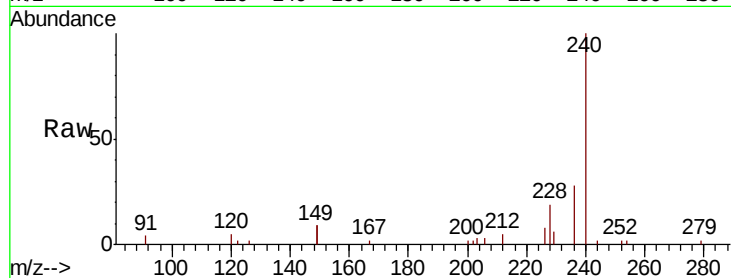




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100265.D
Acq: 1 Jul 2019 14:53

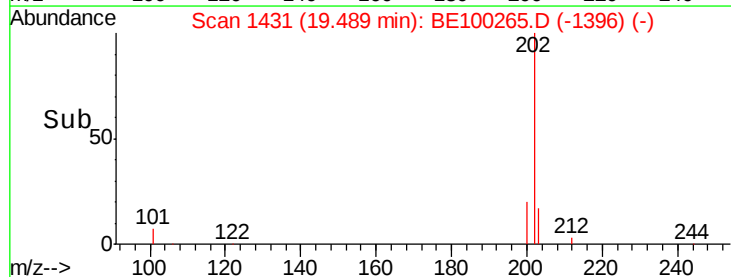
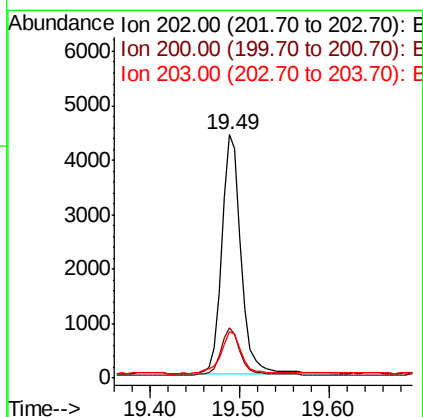
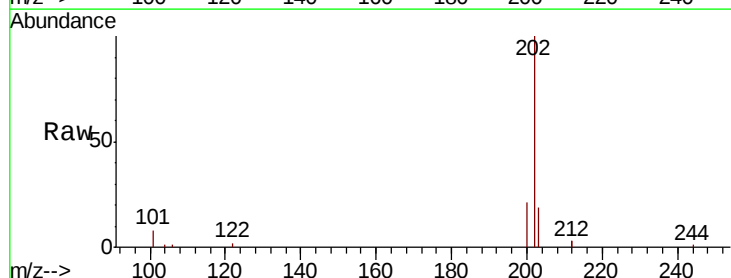
Instrument :
BNA_M
ClientSampleId :
PST-001-B198-061719MS

Tgt Ion:240 Resp: 8230
Ion Ratio Lower Upper
240 100
120 5.2 3.3 4.9#
236 28.0 22.6 34.0



#28
Pyrene
Concen: 0.301 ng
RT: 19.49 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE100265.D
Acq: 1 Jul 2019 14:53

Tgt Ion:202 Resp: 6566
Ion Ratio Lower Upper
202 100
200 19.7 15.6 23.4
203 19.1 14.0 21.0





#29

Terphenyl-d14

Concen: 0.286 ng

RT: 19.70 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BE100265.D

Acq: 1 Jul 2019 14:53

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719MS

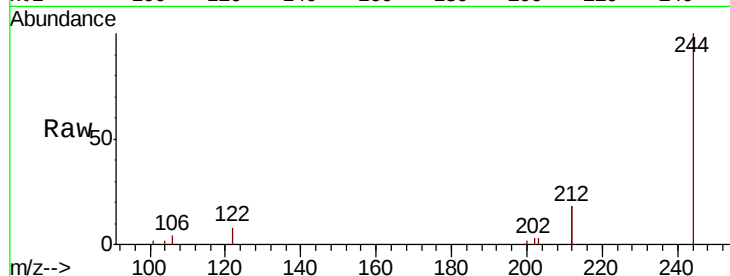
Tgt Ion:244 Resp: 4881

Ion Ratio Lower Upper

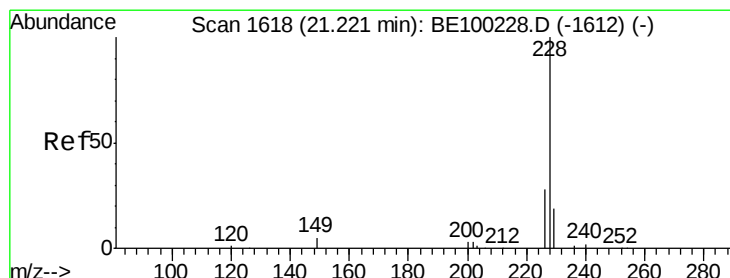
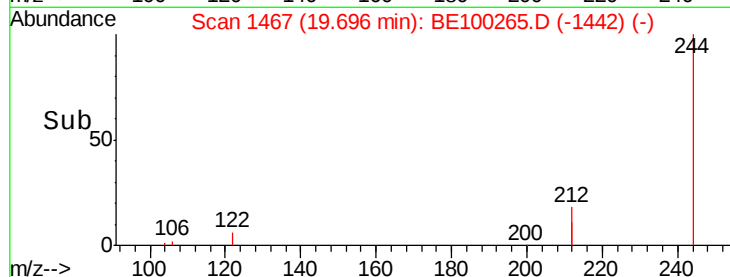
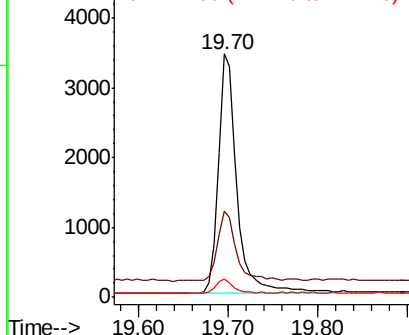
244 100

212 35.4 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: 0.227 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100265.D

Acq: 1 Jul 2019 14:53

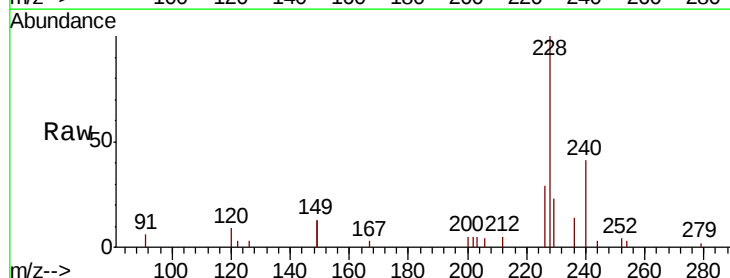
Tgt Ion:228 Resp: 6139

Ion Ratio Lower Upper

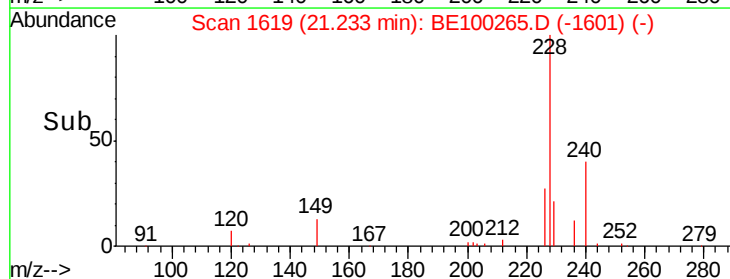
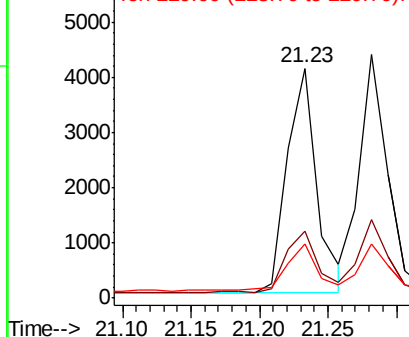
228 100

226 29.1 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: 0.225 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100265.D

Acq: 1 Jul 2019 14:53

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719MS

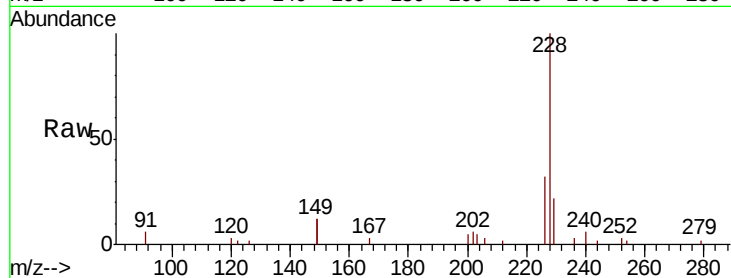
Tgt Ion: 228 Resp: 6123

Ion Ratio Lower Upper

228 100

226 32.0 23.9 35.9

229 22.1 16.5 24.7

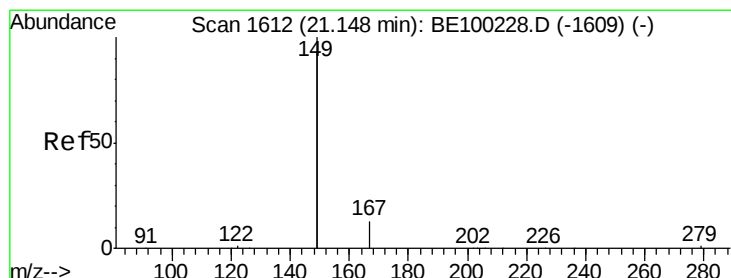
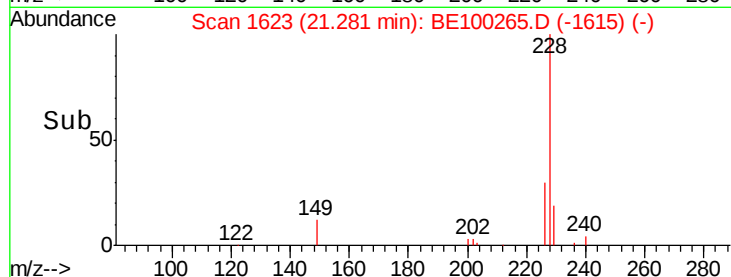
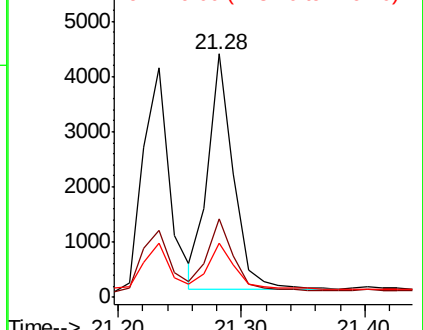


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.232 ng

RT: 21.15 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE100265.D

Acq: 1 Jul 2019 14:53

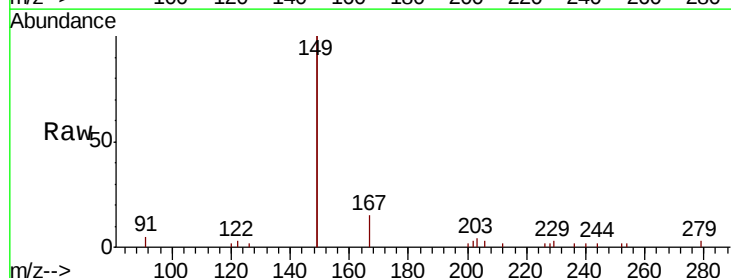
Tgt Ion: 149 Resp: 11058

Ion Ratio Lower Upper

149 100

167 7.2 5.8 8.8

279 1.4 1.1 1.7

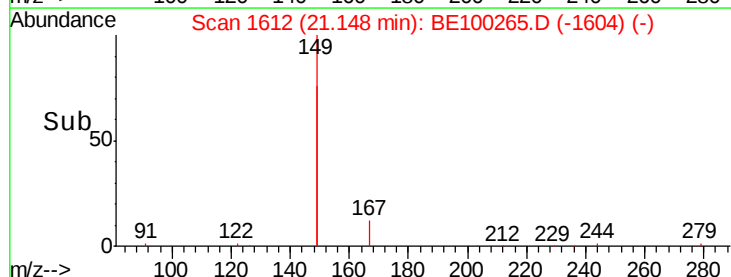
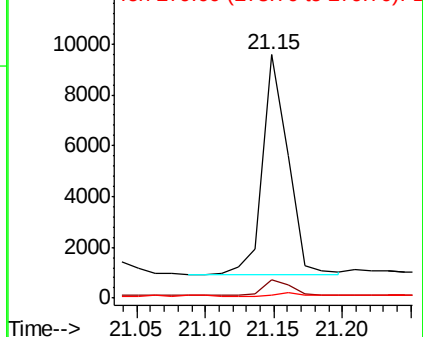


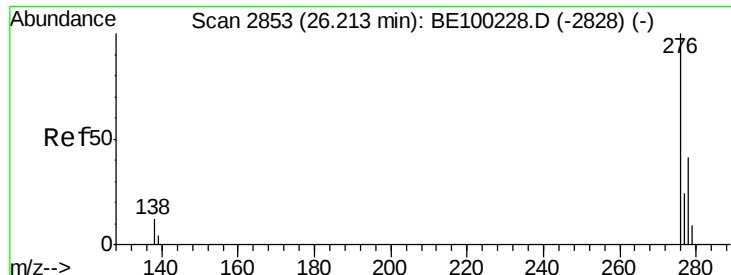
Abundance

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: 0.168 ng

RT: 26.23 min Scan# 2859

Delta R.T. 0.02 min

Lab File: BE100265.D

Acq: 1 Jul 2019 14:53

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719MS

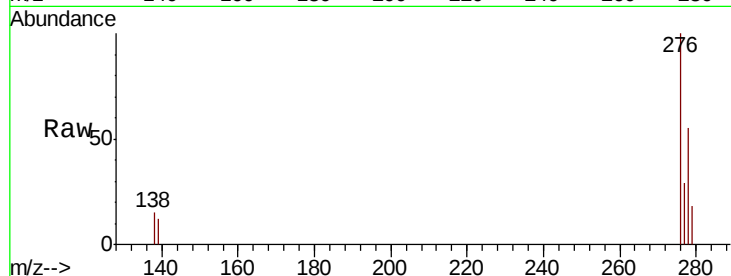
Tgt Ion:276 Resp: 6030

Ion Ratio Lower Upper

276 100

138 11.2 9.4 14.0

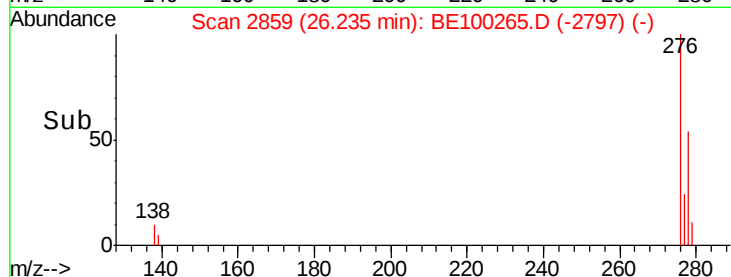
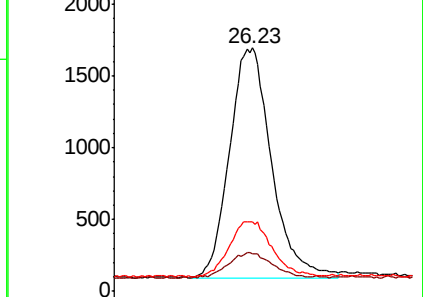
277 24.5 19.2 28.8



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.67 min Scan# 2144

Delta R.T. 0.01 min

Lab File: BE100265.D

Acq: 1 Jul 2019 14:53

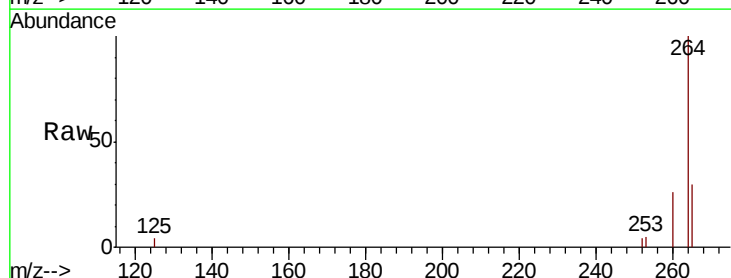
Tgt Ion:264 Resp: 9430

Ion Ratio Lower Upper

264 100

260 26.5 20.8 31.2

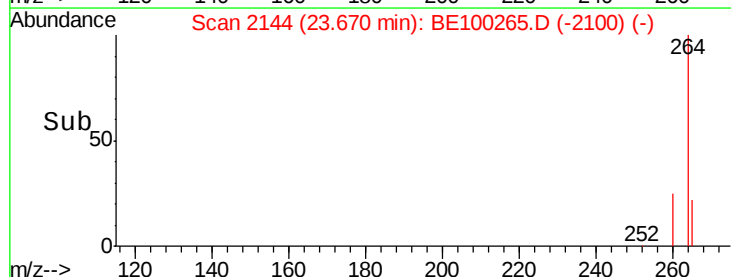
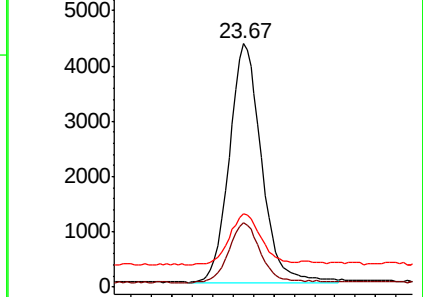
265 30.1 21.8 32.6



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





#35

Benzo(b)fluoranthene

Concen: 0.232 ng

RT: 22.93 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BE100265.D

Acq: 1 Jul 2019 14:53

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719MS

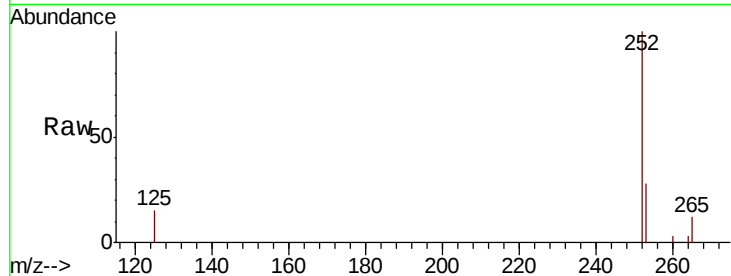
Tgt Ion:252 Resp: 5943

Ion Ratio Lower Upper

252 100

253 28.5 19.2 28.8

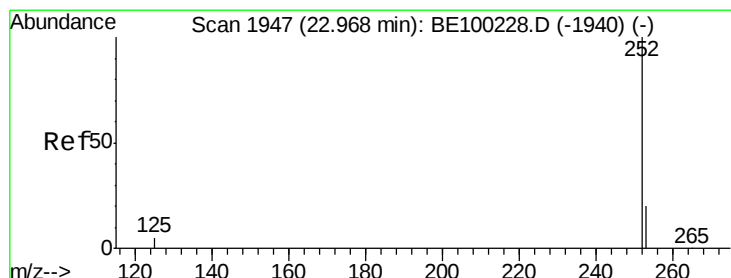
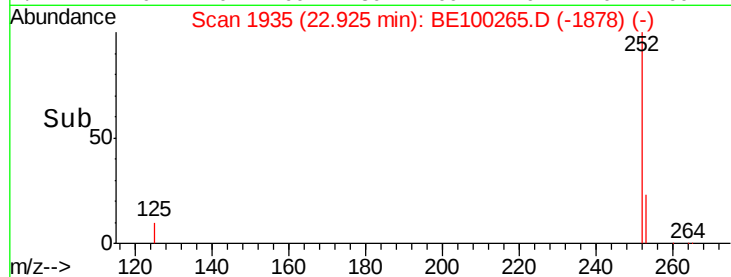
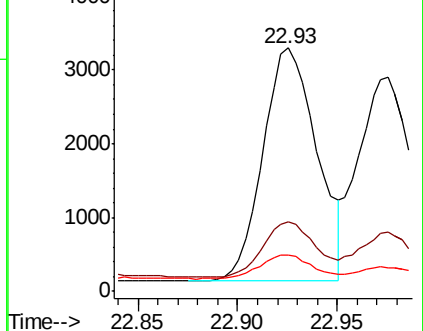
125 14.8 7.4 11.0#



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: 0.194 ng

RT: 22.98 min Scan# 1949

Delta R.T. 0.01 min

Lab File: BE100265.D

Acq: 1 Jul 2019 14:53

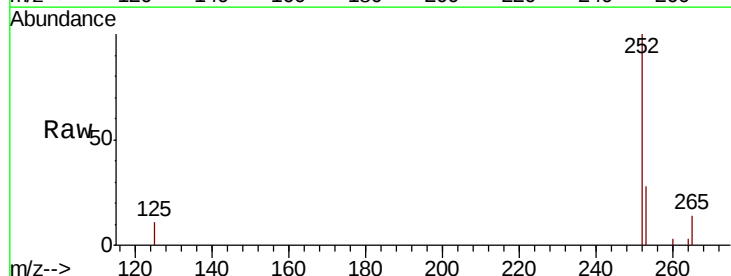
Tgt Ion:252 Resp: 5531

Ion Ratio Lower Upper

252 100

253 27.8 17.9 26.9#

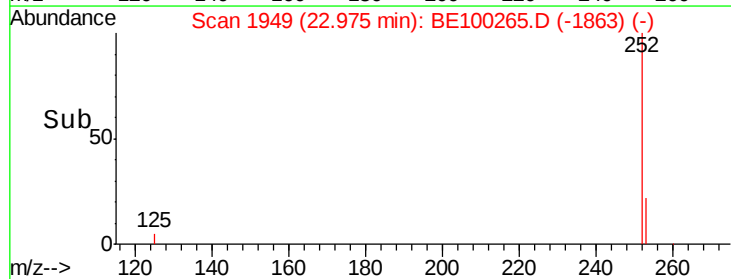
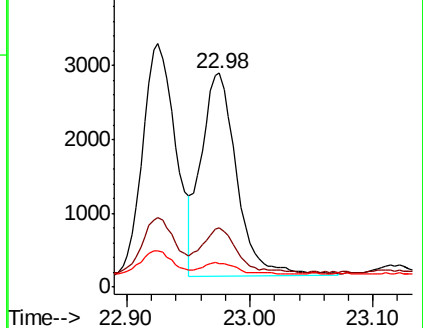
125 11.1 5.0 7.4#

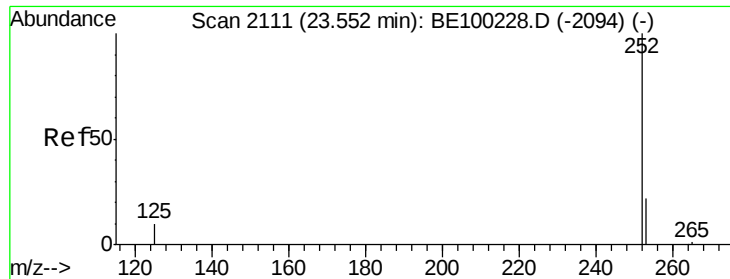


Abundance Ion 252.00 (251.70 to 252.70): E

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# 2114

Delta R.T. 0.01 min

Lab File: BE100265.D

Acq: 1 Jul 2019 14:53

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719MS

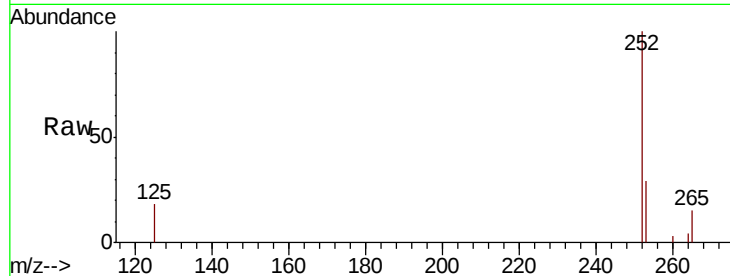
Tgt Ion:252 Resp: 5439

Ion Ratio Lower Upper

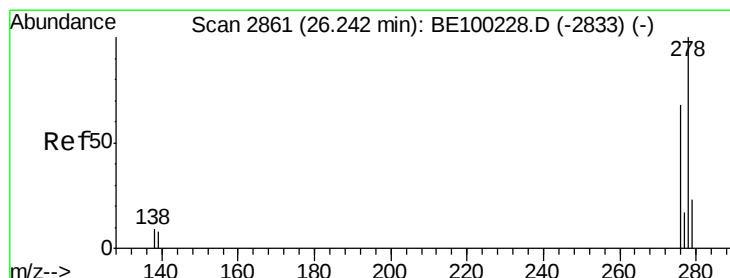
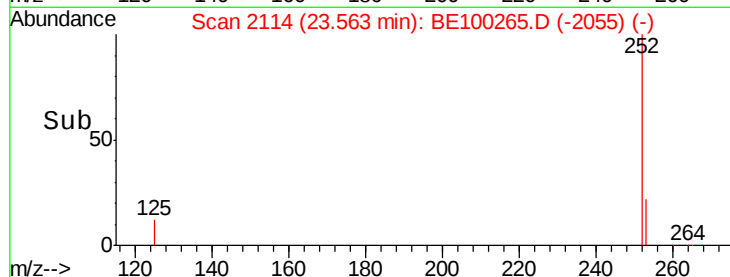
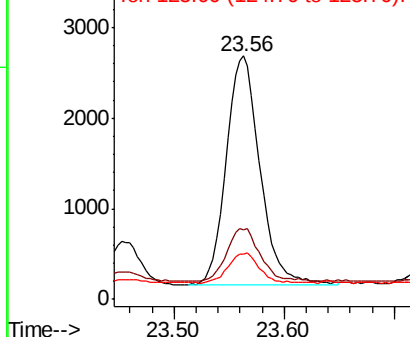
252 100

253 28.5 19.6 29.4

125 18.3 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: 0.162 ng

RT: 26.25 min Scan# 2864

Delta R.T. 0.01 min

Lab File: BE100265.D

Acq: 1 Jul 2019 14:53

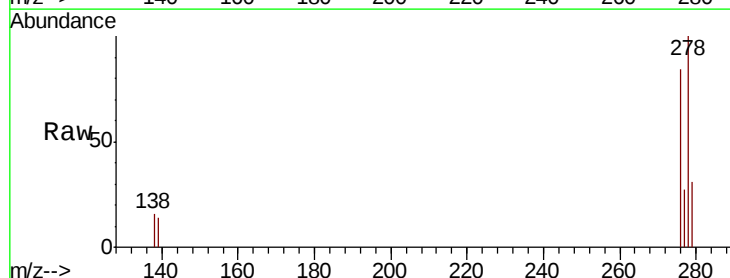
Tgt Ion:278 Resp: 4335

Ion Ratio Lower Upper

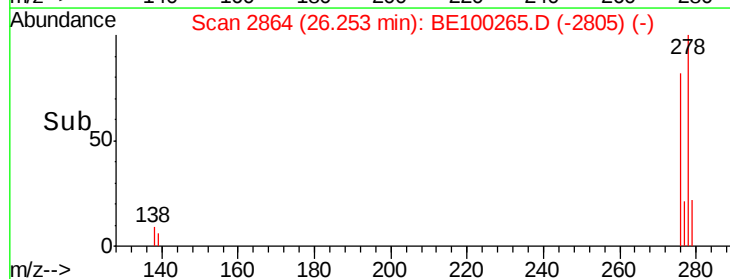
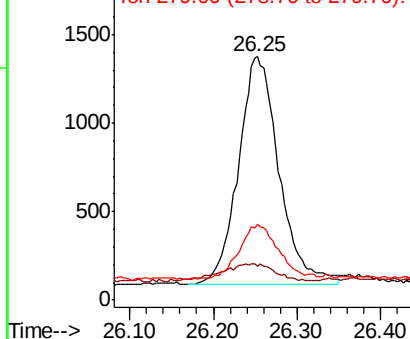
278 100

139 14.0 8.2 12.2#

279 31.0 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: 0.199 ng

RT: 27.02 min Scan# 3078

Delta R.T. 0.01 min

Lab File: BE100265.D

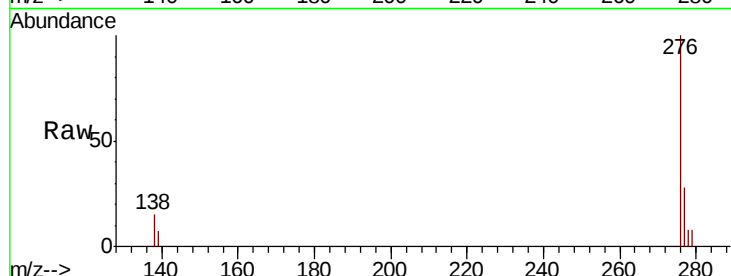
Acq: 1 Jul 2019 14:53

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719MS



Tgt Ion: 276 Resp: 5482

Ion Ratio Lower Upper

276 100

277 27.8 20.2 30.2

138 14.9 9.0 13.6

