

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062819\
 Data File : BE100248.D
 Acq On : 28 Jun 2019 23:14
 Operator : JU/SJ
 Sample : K3445-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-007-SW048-061819

Quant Time: Jun 29 00:03:04 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	661	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	2415	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	1969	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	6093	0.40	ng	0.00
27) Chrysene-d12	21.25	240	8607	0.40	ng	0.00
34) Perylene-d12	23.67	264	10282	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.21	112	586	0.35	ng	0.00
5) Phenol-d6	6.82	99	768	0.35	ng	-0.01
8) Nitrobenzene-d5	8.81	82	840	0.35	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	1794	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	512	0.37	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	2643	0.34	ng	-0.01
25) Fluoranthene-d10	19.10	212	32423	0.37	ng	0.00
29) Terphenyl-d14	19.70	244	6506	0.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.06	88	37	0.036	ng	# 1
6) bis(2-Chloroethyl)ether	7.06	93	23	0.013	ng	# 1
9) Naphthalene	10.49	128	4621	0.173	ng	# 99
10) Hexachlorobutadiene	10.77	225	2	0.001	ng	# 1
12) 2-Methylnaphthalene	12.12	142	475	0.102	ng	91
16) Acenaphthylene	14.04	152	5463	0.578	ng	99
17) Acenaphthene	14.38	154	1245	0.233	ng	99
18) Fluorene	15.35	166	2654	0.335	ng	# 93
20) 4-Bromophenyl-phenylether	16.29	248	5	0.001	ng	# 53
21) Hexachlorobenzene	16.36	284	10	0.002	ng	# 1
22) Pentachlorophenol	16.72	266	30	0.025	ng	84
23) Phenanthrene	17.09	178	94145	6.375	ng	100
24) Anthracene	17.19	178	19584	1.473	ng	# 93
26) Fluoranthene	19.13	202	324125	13.780	ng	99
28) Pyrene	19.49	202	315728	13.855	ng	# 95
30) Benzo(a)anthracene	21.23	228	239032	8.446	ng	96
31) Chrysene	21.28	228	187830	6.610	ng	98
32) Bis(2-ethylhexyl)phthalate	21.15	149	9261	0.174	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.22	276	138124	3.675	ng	# 97
35) Benzo(b)fluoranthene	22.93	252	256101	9.187	ng	# 95
36) Benzo(k)fluoranthene	22.93	252	256101	8.230	ng	# 98
37) Benzo(a)pyrene	23.56	252	201344	7.206	ng	# 93
38) Dibenzo(a,h)anthracene	26.24	278	34060	1.167	ng	94
39) Benzo(g,h,i)perylene	27.02	276	135498	4.520	ng	97

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

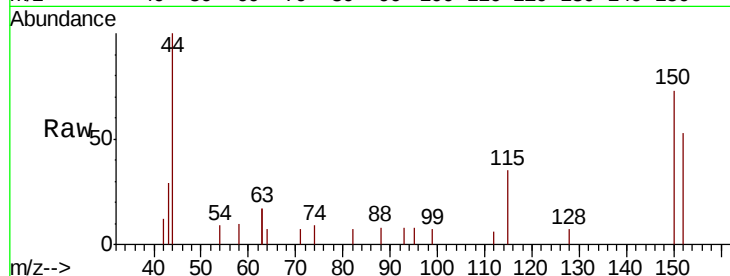


#1

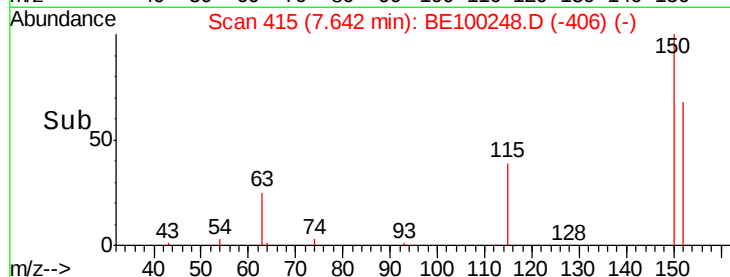
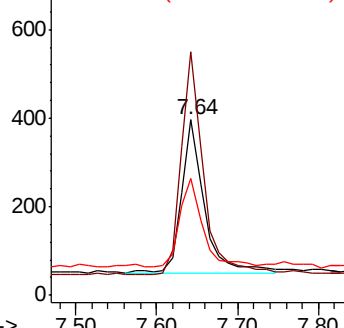
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100248.D
Acq: 28 Jun 2019 23:14

Instrument :
BNA_E
ClientSampleId :
PST-007-SW048-061819

Tgt Ion: 152 Resp: 661
Ion Ratio Lower Upper
152 100
150 138.9 114.5 171.7
115 66.4 57.1 85.7



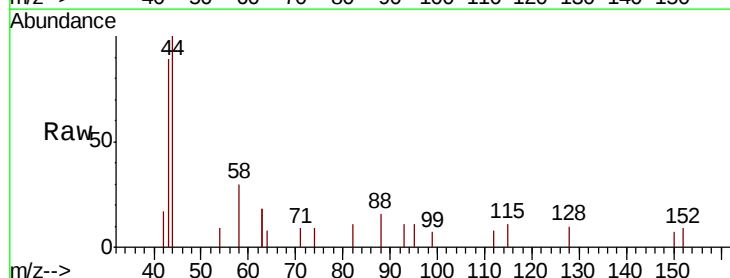
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



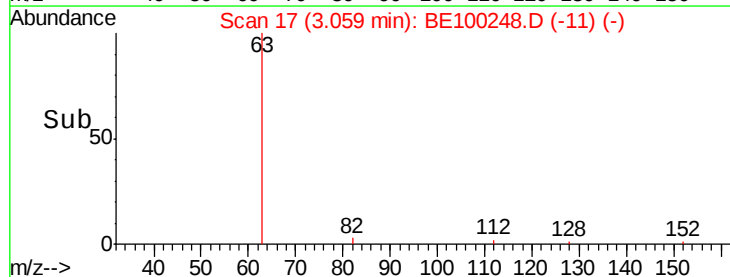
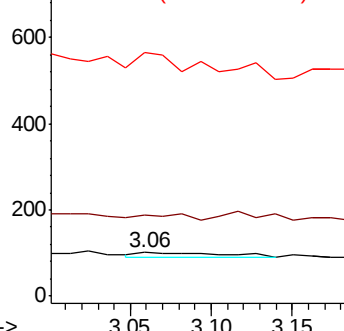
#2

1,4-Dioxane
Concen: 0.036 ng
RT: 3.06 min Scan# 17
Delta R.T. -0.04 min
Lab File: BE100248.D
Acq: 28 Jun 2019 23:14

Tgt Ion: 88 Resp: 37
Ion Ratio Lower Upper
88 100
58 0.0 43.6 65.4#
43 486.5 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





#4

2-Fluorophenol

Concen: 0.348 ng

RT: 5.21 min Scan# 204

Delta R.T. -0.00 min

Lab File: BE100248.D

Acq: 28 Jun 2019 23:14

Instrument :

BNA_E

ClientSampleId :

PST-007-SW048-061819

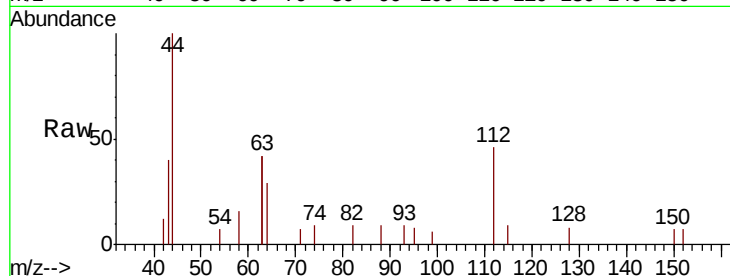
Tgt Ion: 112 Resp: 586

Ion Ratio Lower Upper

112 100

64 52.6 39.4 59.0

63 123.0 104.5 156.7



Abundance Ion 112.00 (111.70 to 112.70): BE1

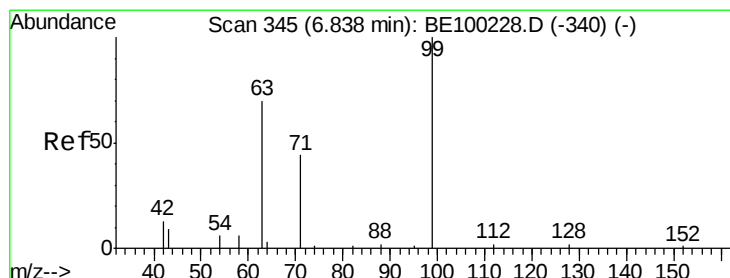
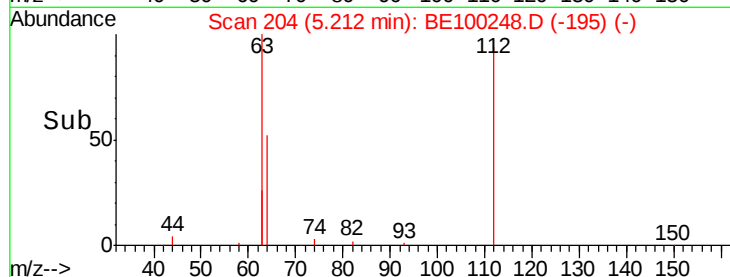
Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Time-->

5.10 5.20 5.30 5.40

5.21



#5

Phenol-d6

Concen: 0.346 ng

RT: 6.82 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100248.D

Acq: 28 Jun 2019 23:14

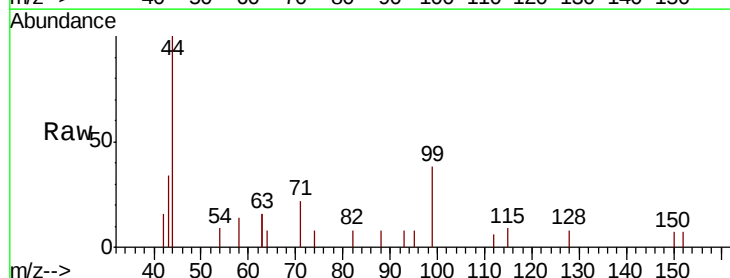
Tgt Ion: 99 Resp: 768

Ion Ratio Lower Upper

99 100

42 14.6 11.2 16.8

71 41.0 37.2 55.8



Abundance Ion 99.00 (98.70 to 99.70): BE1

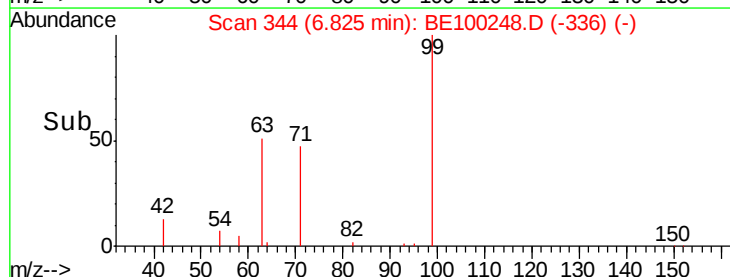
Ion 42.00 (41.70 to 42.70): BE1

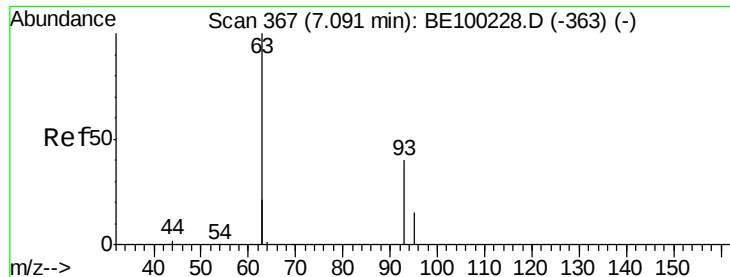
Ion 71.00 (70.70 to 71.70): BE1

Time-->

6.70 6.80 6.90 7.00

6.82





#6

bis(2-Chloroethyl)ether

Concen: 0.013 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.04 min

Lab File: BE100248.D

Acq: 28 Jun 2019 23:14

Instrument :

BNA_E

ClientSampleId :

PST-007-SW048-061819

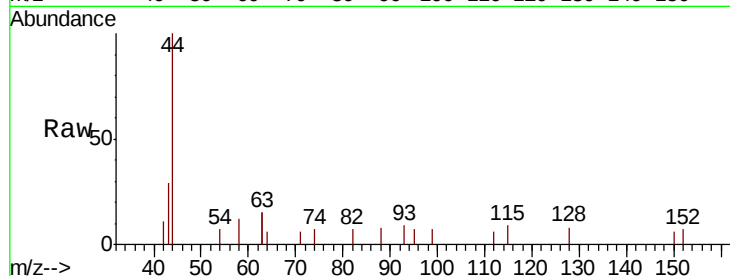
Tgt Ion: 93 Resp: 23

Ion Ratio Lower Upper

93 100

63 34.8 155.6 233.4#

95 0.0 23.0 34.4#

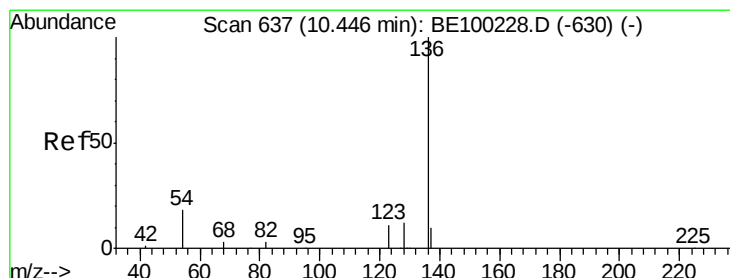
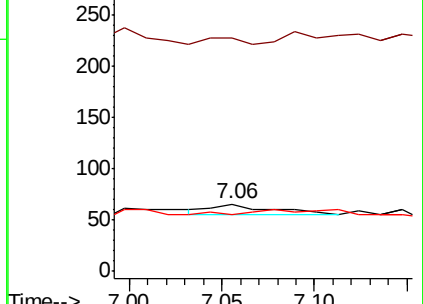
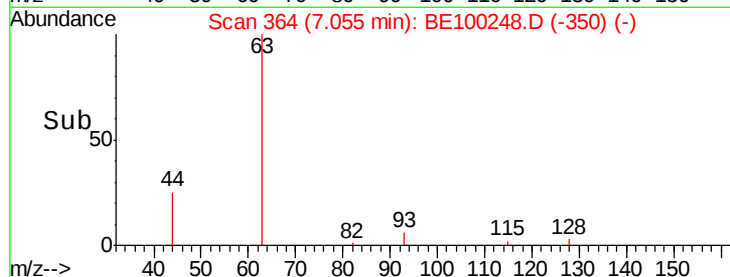


Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.43 min Scan# 637

Delta R.T. -0.01 min

Lab File: BE100248.D

Acq: 28 Jun 2019 23:14

Tgt Ion: 136 Resp: 2415

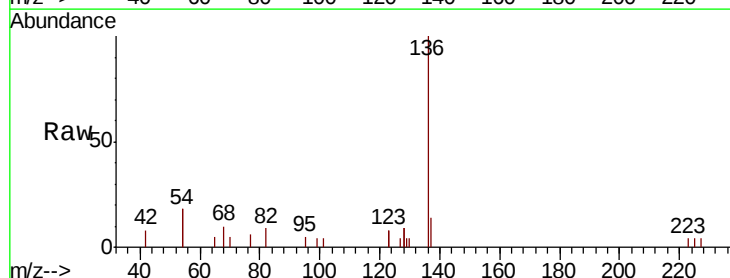
Ion Ratio Lower Upper

136 100

137 14.2 11.8 17.8

54 36.6 27.7 41.5

68 9.7 6.8 10.2



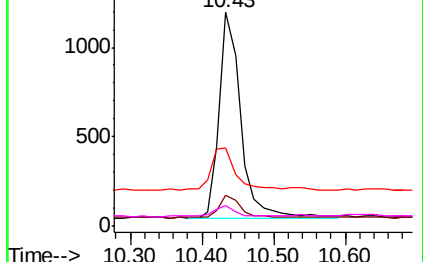
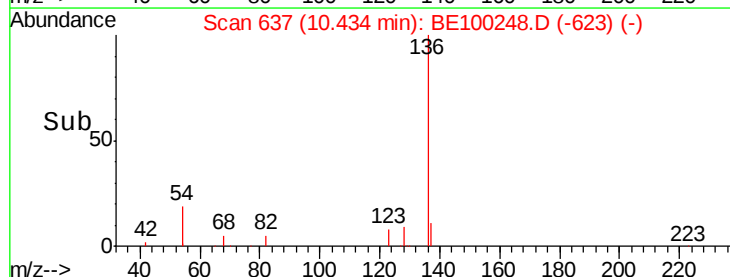
Abundance Ion 136.00 (135.70 to 136.70): E

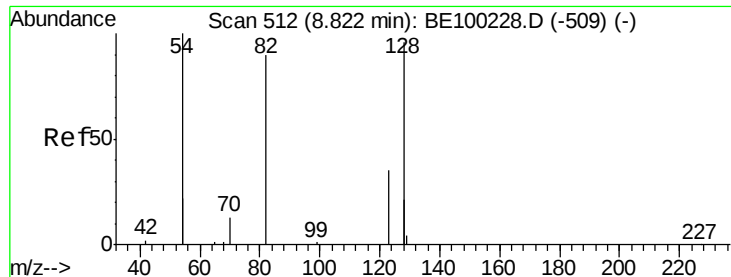
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1

Time-->





#8

Nitrobenzene-d5

Concen: 0.350 ng

RT: 8.81 min Scan# 512

Delta R.T. -0.01 min

Lab File: BE100248.D

Acq: 28 Jun 2019 23:14

Instrument :

BNA_E

ClientSampleId :

PST-007-SW048-061819

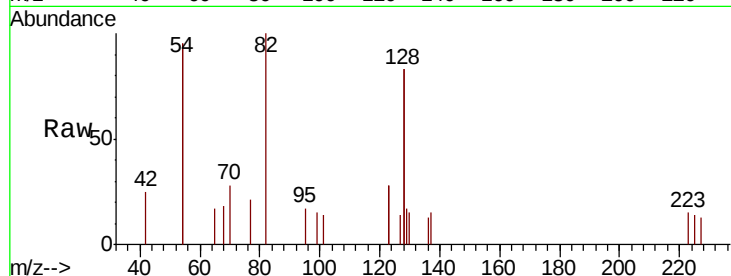
Tgt Ion: 82 Resp: 840

Ion Ratio Lower Upper

82 100

128 166.7 140.9 211.3

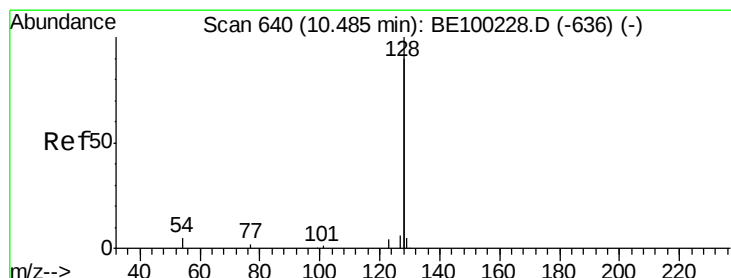
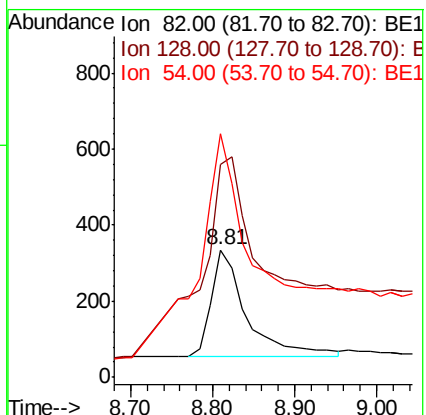
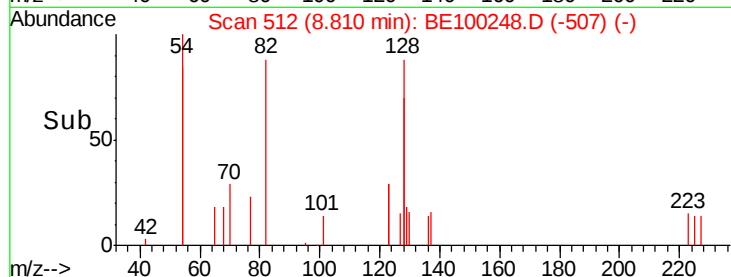
54 190.5 146.2 219.2



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#9

Naphthalene

Concen: 0.173 ng

RT: 10.49 min Scan# 641

Delta R.T. 0.00 min

Lab File: BE100248.D

Acq: 28 Jun 2019 23:14

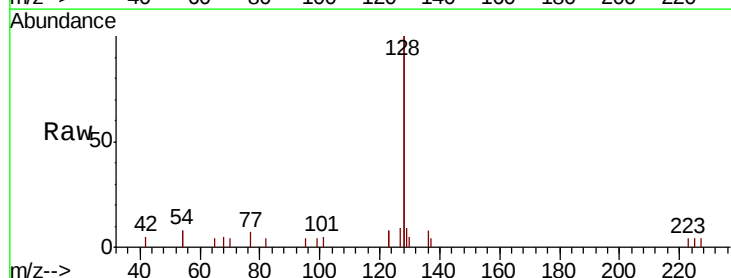
Tgt Ion: 128 Resp: 4621

Ion Ratio Lower Upper

128 100

129 4.6 3.0 4.6#

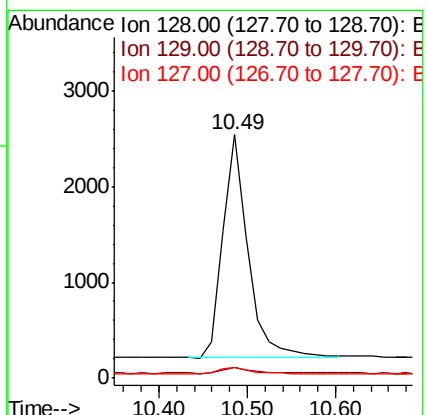
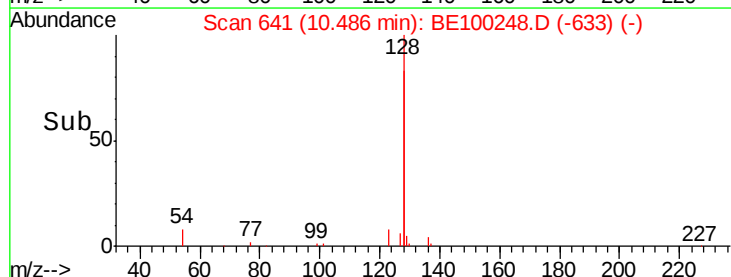
127 4.6 3.5 5.3

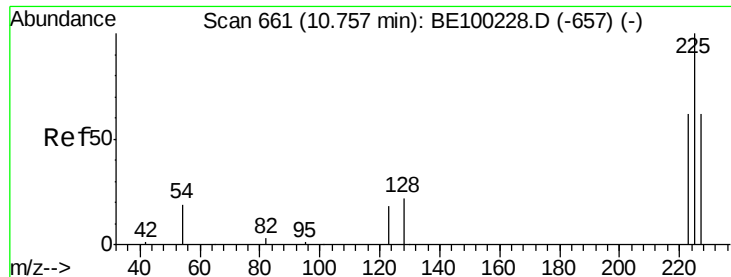


Abundance Ion 128.00 (127.70 to 128.70): BE1

Ion 129.00 (128.70 to 129.70): BE1

Ion 127.00 (126.70 to 127.70): BE1

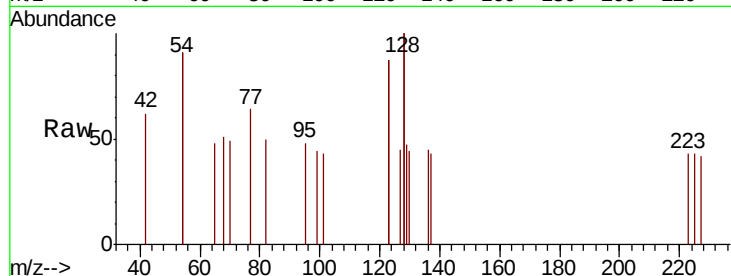




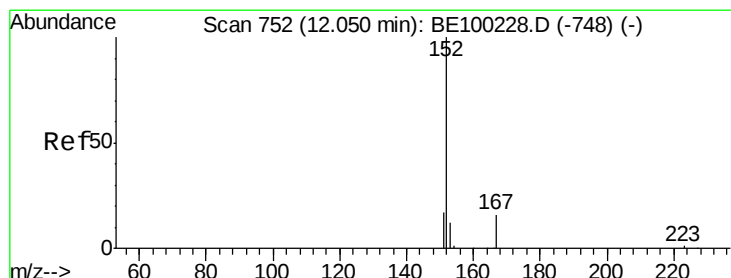
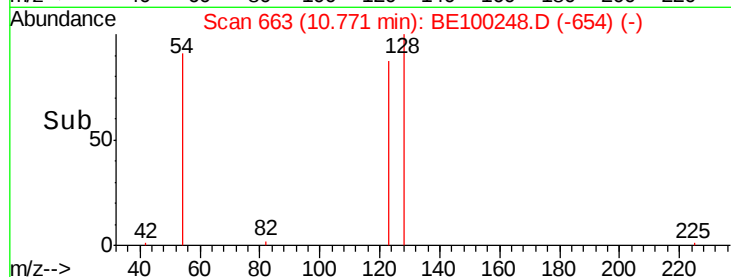
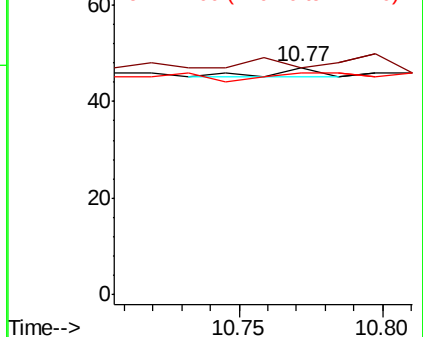
#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.77 min Scan# 663
Delta R.T. 0.01 min
Lab File: BE100248.D
Acq: 28 Jun 2019 23:14

Instrument :
BNA_E
ClientSampleId :
PST-007-SW048-061819

Tgt Ion: 225 Resp: 2
Ion Ratio Lower Upper
225 100
223 100.0 49.1 73.7#
227 250.0 49.3 73.9#

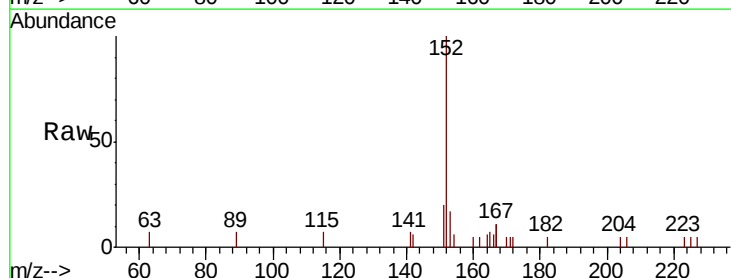


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

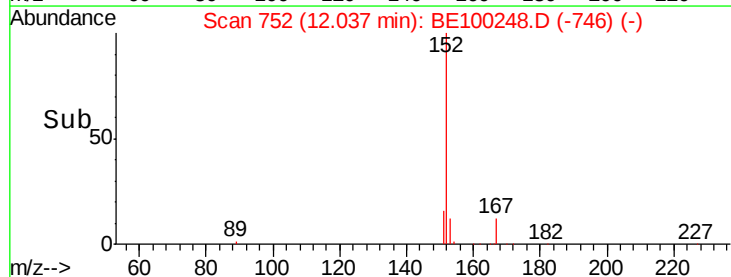
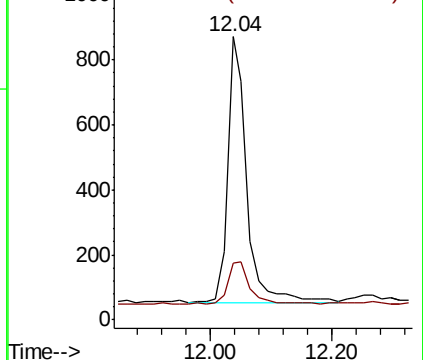


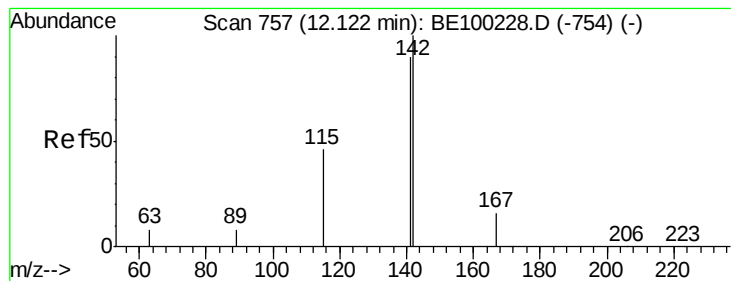
#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 12.04 min Scan# 752
Delta R.T. -0.01 min
Lab File: BE100248.D
Acq: 28 Jun 2019 23:14

Tgt Ion: 152 Resp: 1794
Ion Ratio Lower Upper
152 100
151 18.3 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

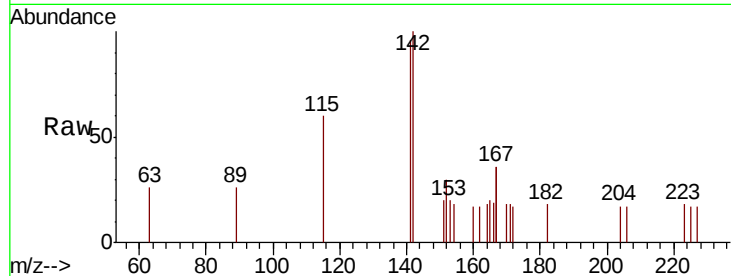




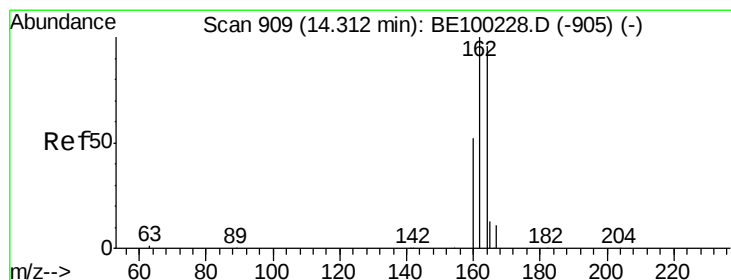
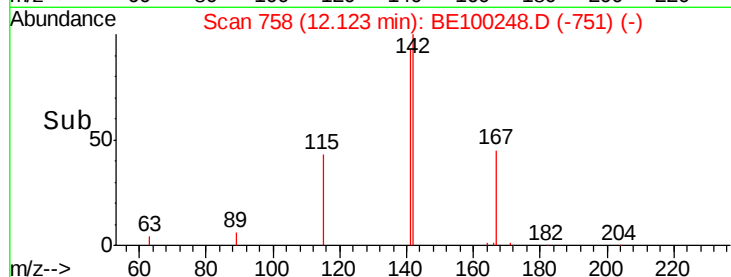
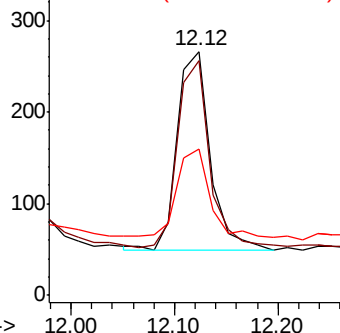
#12
2-Methylnaphthalene
Concen: 0.102 ng
RT: 12.12 min Scan# 758
Delta R.T. 0.00 min
Lab File: BE100248.D
Acq: 28 Jun 2019 23:14

Instrument :
BNA_E
ClientSampleId :
PST-007-SW048-061819

Tgt Ion:142 Resp: 475
Ion Ratio Lower Upper
142 100
141 96.2 72.4 108.6
115 59.8 40.4 60.6

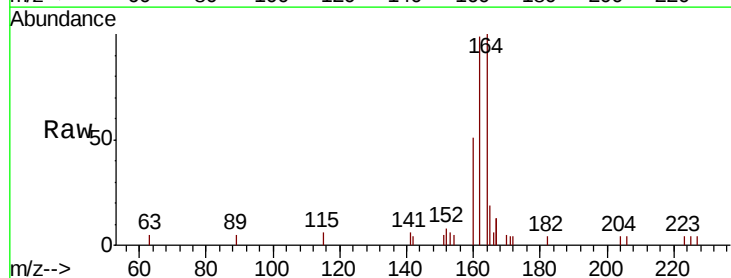


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

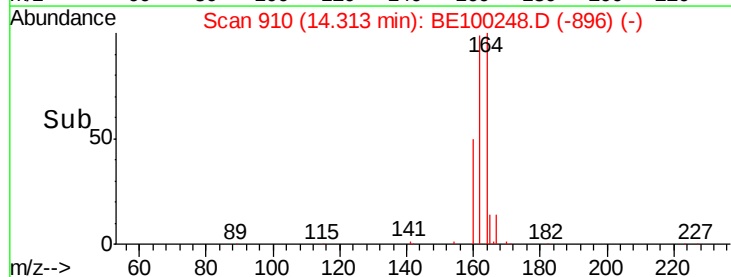
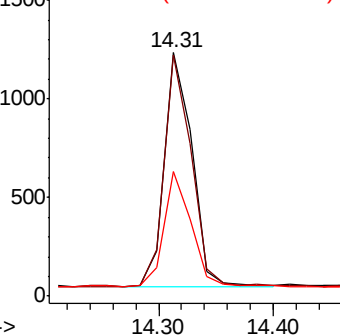


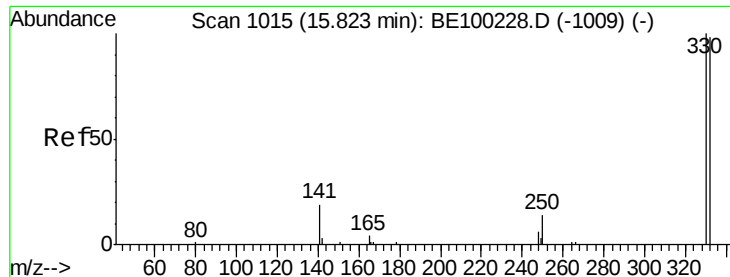
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 910
Delta R.T. 0.00 min
Lab File: BE100248.D
Acq: 28 Jun 2019 23:14

Tgt Ion:164 Resp: 1969
Ion Ratio Lower Upper
164 100
162 98.9 83.4 125.0
160 51.3 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

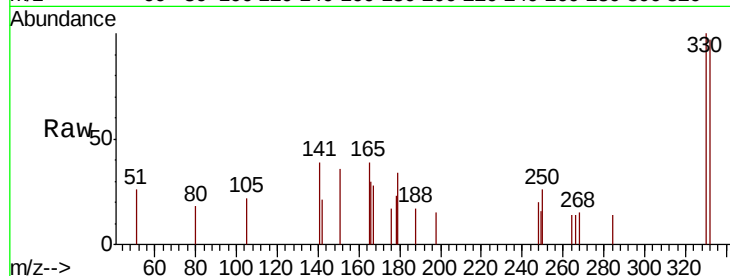




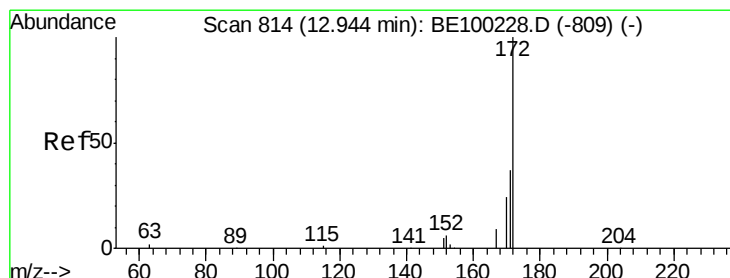
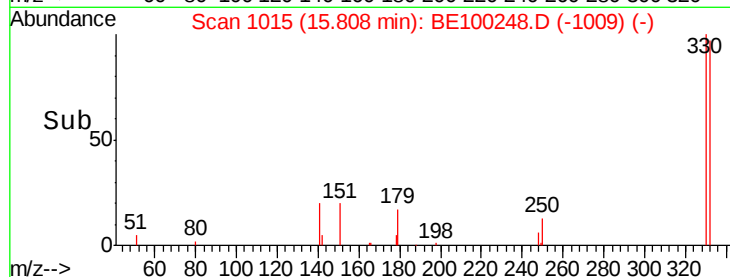
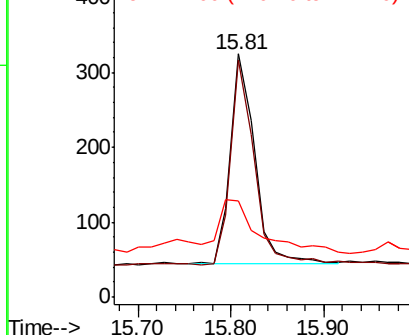
#14
 2,4,6-Tribromophenol
 Concen: 0.372 ng
 RT: 15.81 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BE100248.D
 Acq: 28 Jun 2019 23:14

Instrument :
 BNA_E
 ClientSampleId :
 PST-007-SW048-061819

Tgt Ion: 330 Resp: 512
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.4
 141 43.4 22.0 33.0#

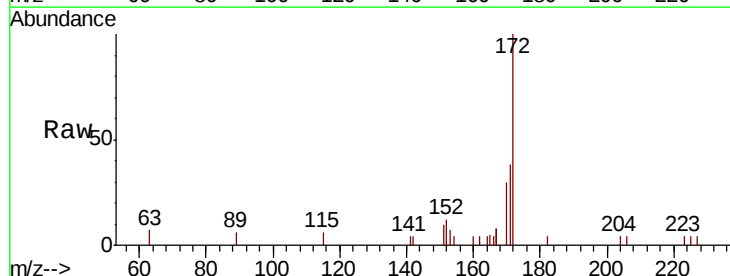


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

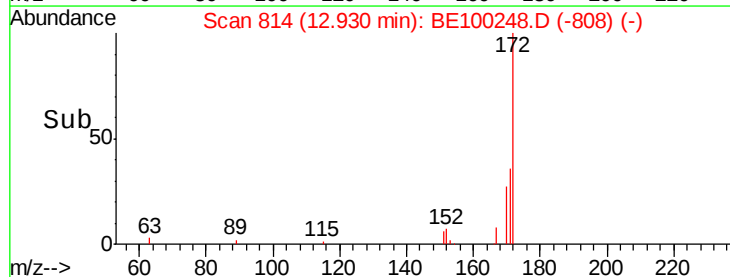
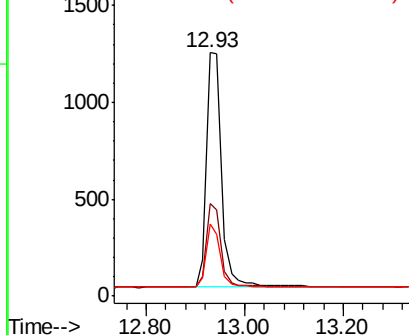


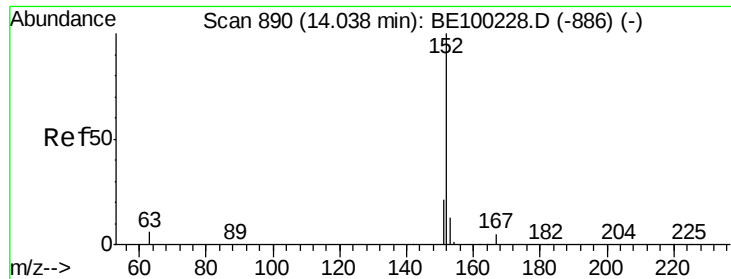
#15
 2-Fluorobiphenyl
 Concen: 0.344 ng
 RT: 12.93 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BE100248.D
 Acq: 28 Jun 2019 23:14

Tgt Ion: 172 Resp: 2643
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.9 47.9
 170 29.5 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

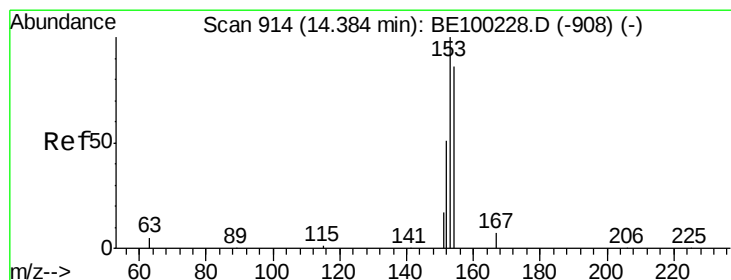
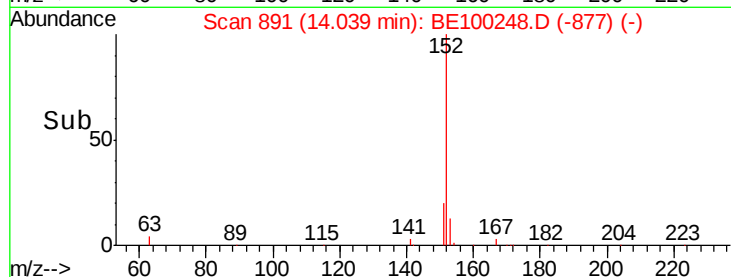
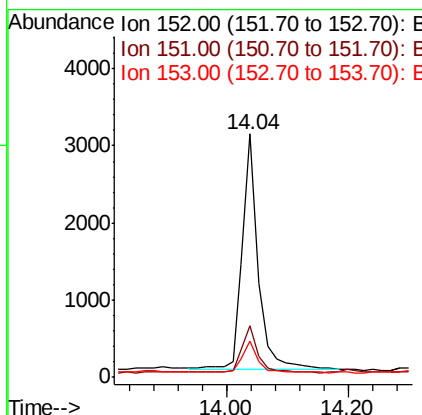
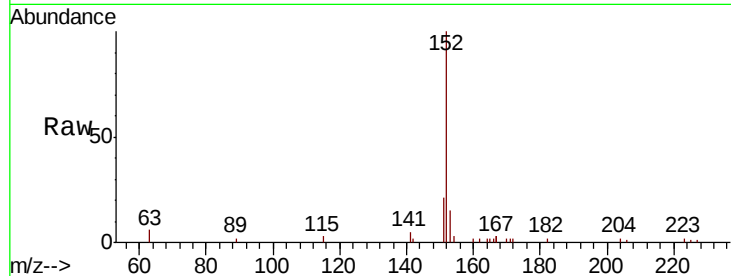




#16
Acenaphthylene
Concen: 0.578 ng
RT: 14.04 min Scan# 891
Delta R.T. 0.00 min
Lab File: BE100248.D
Acq: 28 Jun 2019 23:14

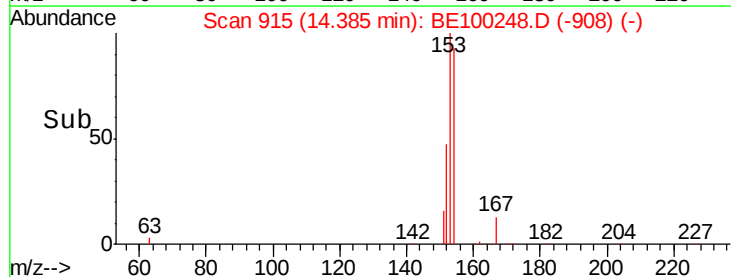
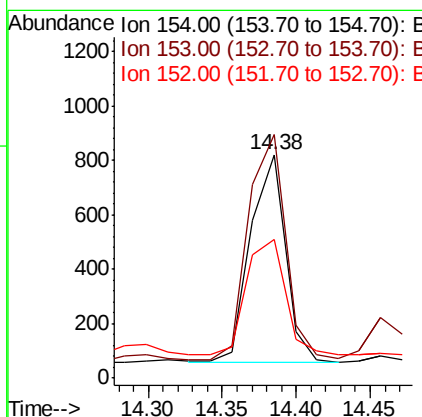
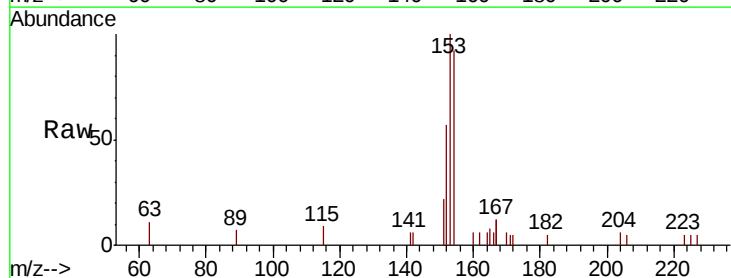
Instrument :
BNA_E
ClientSampleId :
PST-007-SW048-061819

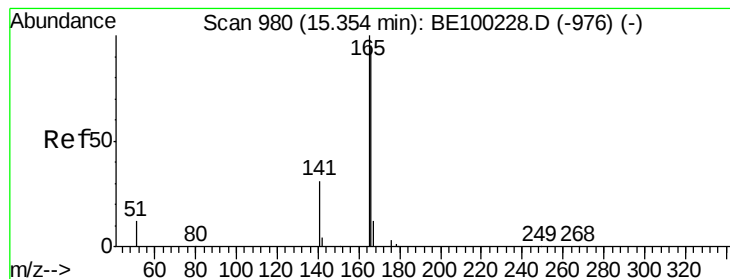
Tgt Ion:152 Resp: 5463
Ion Ratio Lower Upper
152 100
151 20.5 16.6 25.0
153 13.5 10.5 15.7



#17
Acenaphthene
Concen: 0.233 ng
RT: 14.38 min Scan# 915
Delta R.T. 0.00 min
Lab File: BE100248.D
Acq: 28 Jun 2019 23:14

Tgt Ion:154 Resp: 1245
Ion Ratio Lower Upper
154 100
153 116.3 93.4 140.2
152 62.5 49.4 74.2





#18

Fluorene

Concen: 0.335 ng

RT: 15.35 min Scan# 981

Delta R.T. -0.00 min

Lab File: BE100248.D

Acq: 28 Jun 2019 23:14

Instrument :

BNA_E

ClientSampleId :

PST-007-SW048-061819

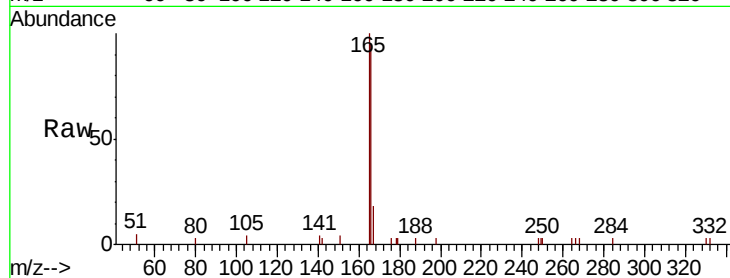
Tgt Ion:166 Resp: 2654

Ion Ratio Lower Upper

166 100

165 108.6 81.1 121.7

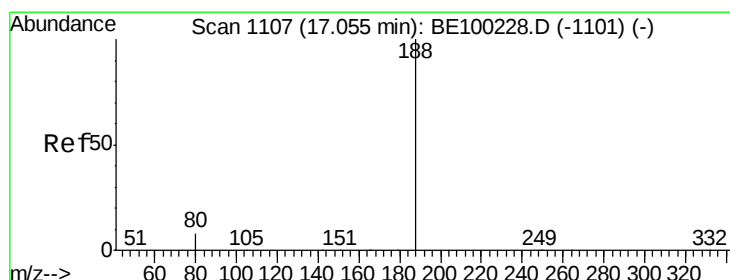
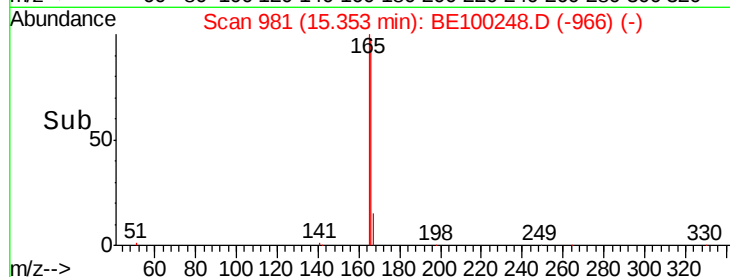
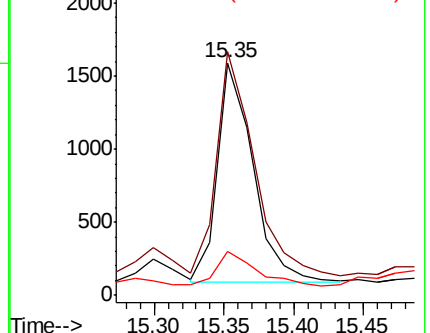
167 17.5 10.7 16.1#



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: 17.05 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BE100248.D

Acq: 28 Jun 2019 23:14

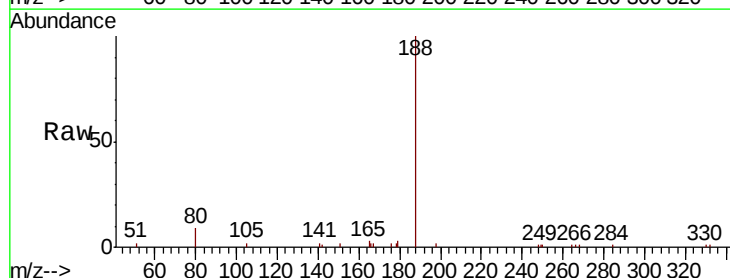
Tgt Ion:188 Resp: 6093

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

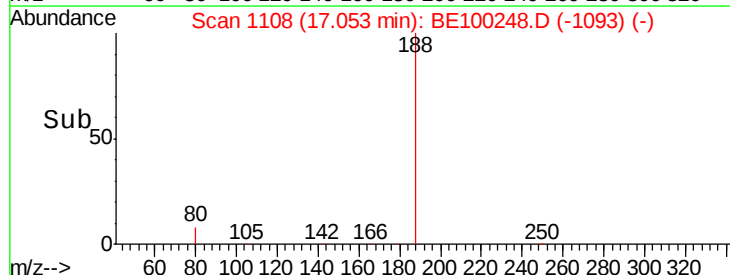
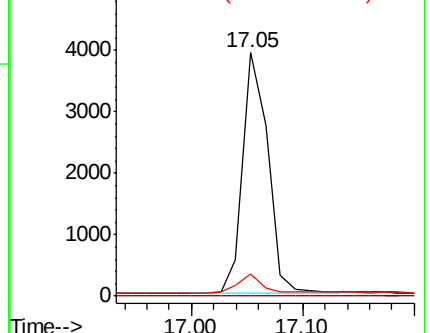
80 9.0 7.6 11.4

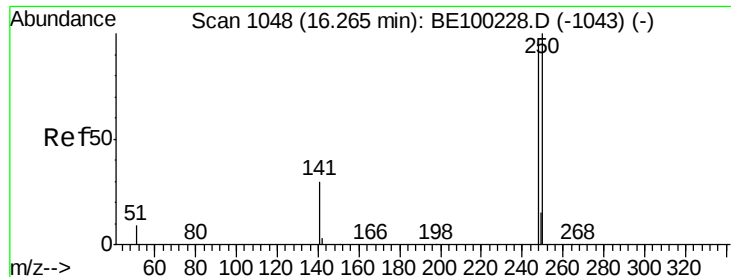


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1

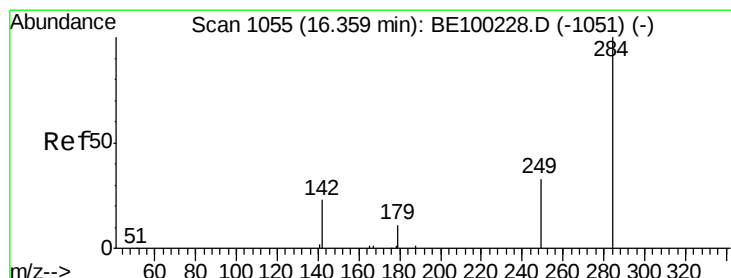
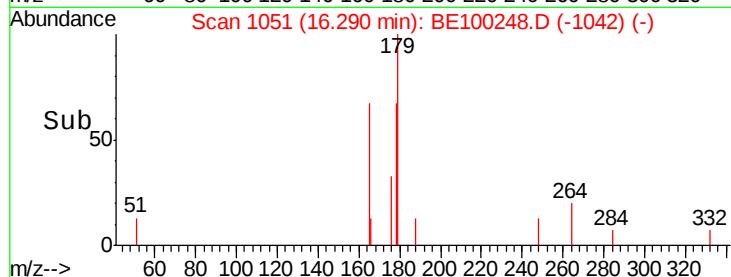
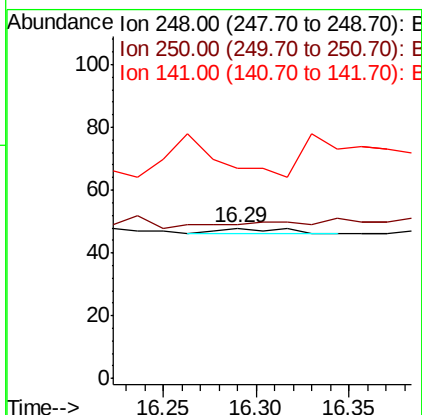
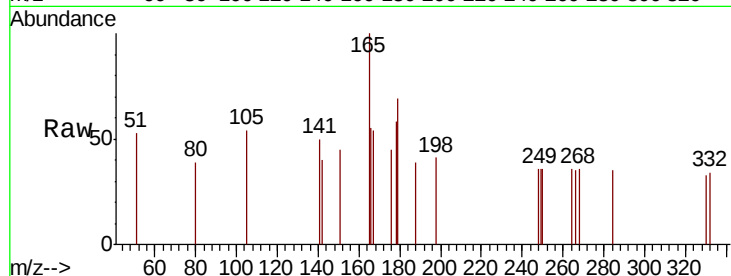




#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.29 min Scan# 1051
Delta R.T. 0.03 min
Lab File: BE100248.D
Acq: 28 Jun 2019 23:14

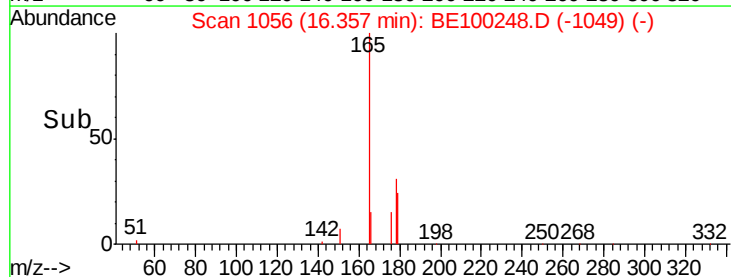
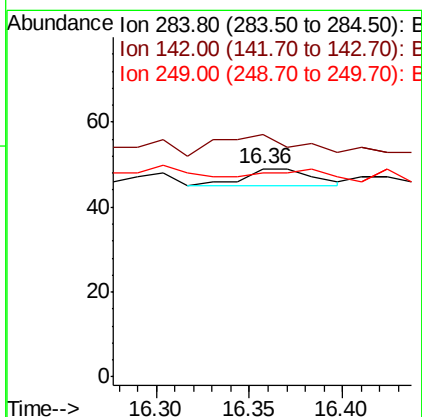
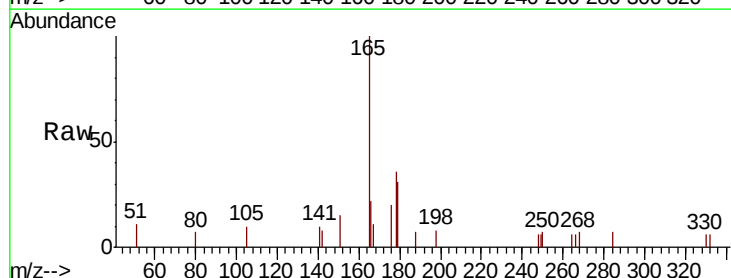
Instrument :
BNA_E
ClientSampleId :
PST-007-SW048-061819

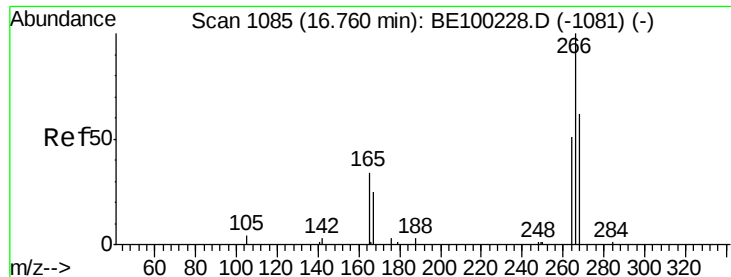
Tgt Ion:248 Resp: 5
Ion Ratio Lower Upper
248 100
250 102.1 84.2 126.4
141 139.6 29.3 43.9#



#21
Hexachlorobenzene
Concen: 0.002 ng
RT: 16.36 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BE100248.D
Acq: 28 Jun 2019 23:14

Tgt Ion:284 Resp: 10
Ion Ratio Lower Upper
284 100
142 150.0 18.8 28.2#
249 0.0 23.7 35.5#

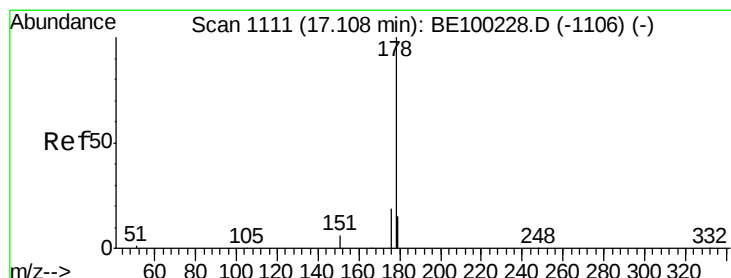
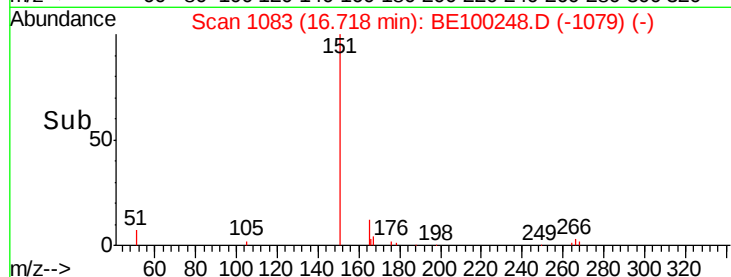
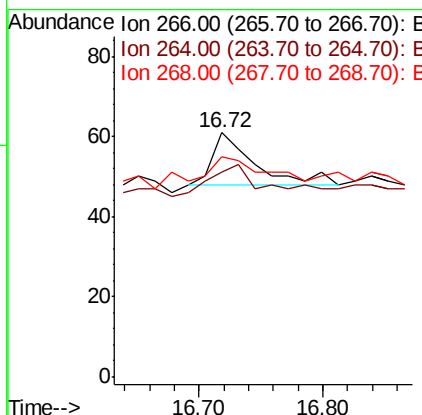
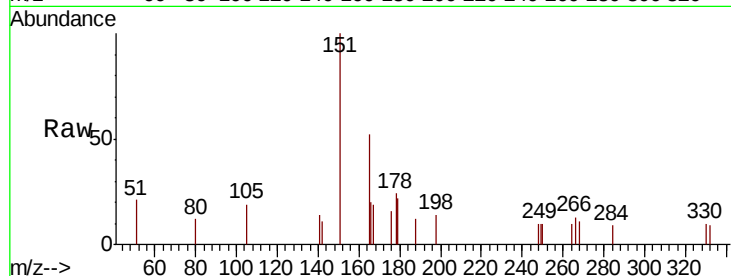




#22
 Pentachlorophenol
 Concen: 0.025 ng
 RT: 16.72 min Scan# 1083
 Delta R.T. -0.04 min
 Lab File: BE100248.D
 Acq: 28 Jun 2019 23:14

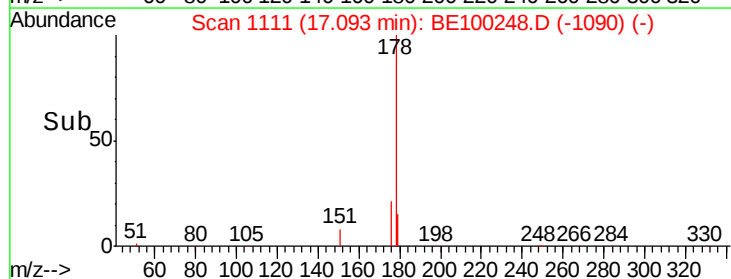
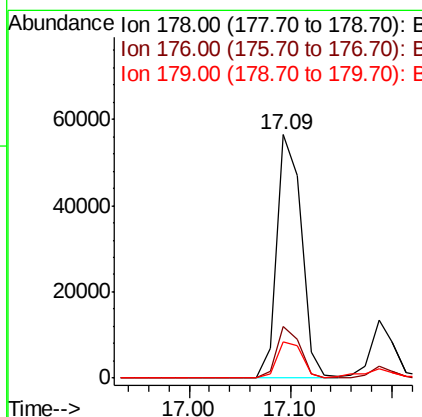
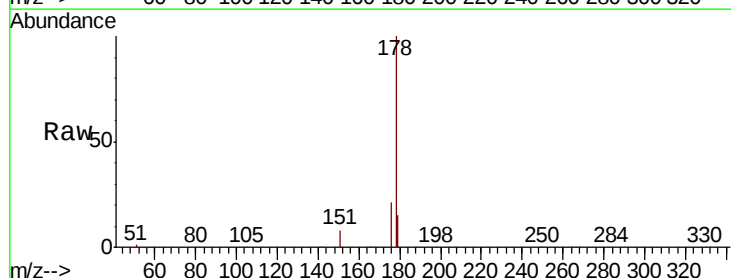
Instrument :
 BNA_E
 ClientSampleId :
 PST-007-SW048-061819

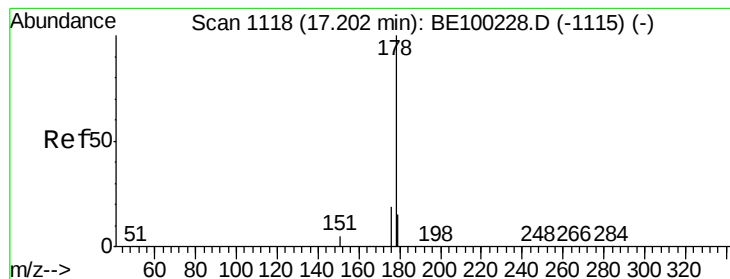
Tgt Ion: 266 Resp: 30
 Ion Ratio Lower Upper
 266 100
 264 83.6 56.2 84.2
 268 90.2 61.8 92.6



#23
 Phenanthrene
 Concen: 6.375 ng
 RT: 17.09 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BE100248.D
 Acq: 28 Jun 2019 23:14

Tgt Ion: 178 Resp: 94145
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.9 23.9
 179 15.3 12.2 18.2





#24

Anthracene

Concen: 1.473 ng

RT: 17.19 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE100248.D

Acq: 28 Jun 2019 23:14

Instrument :

BNA_E

ClientSampleId :

PST-007-SW048-061819

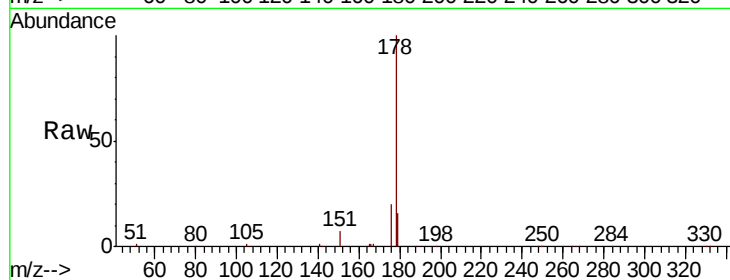
Tgt Ion:178 Resp: 19584

Ion Ratio Lower Upper

178 100

176 20.2 15.3 22.9

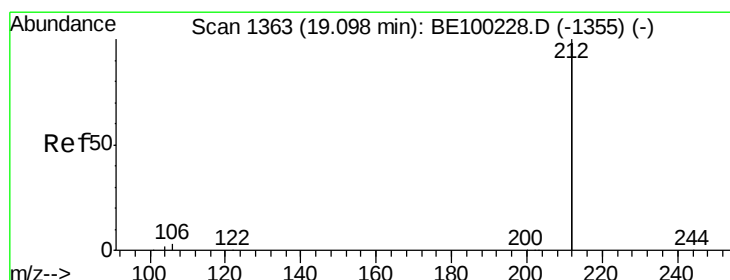
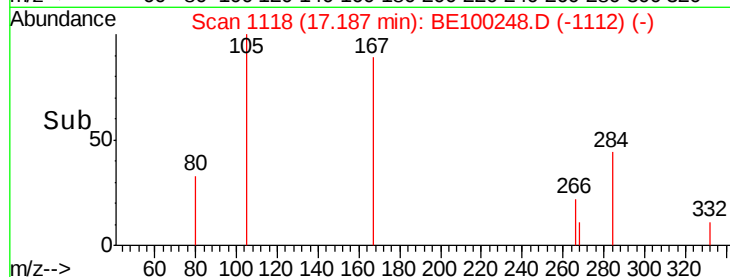
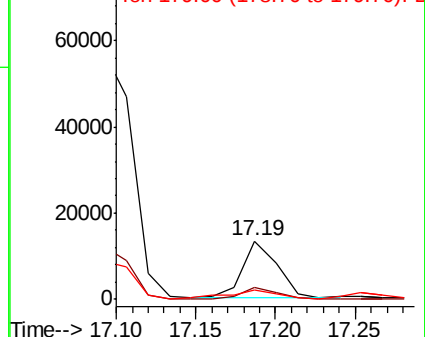
179 20.1 12.2 18.2#



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



#25

Fluoranthene-d10

Concen: 0.367 ng

RT: 19.10 min Scan# 1364

Delta R.T. 0.00 min

Lab File: BE100248.D

Acq: 28 Jun 2019 23:14

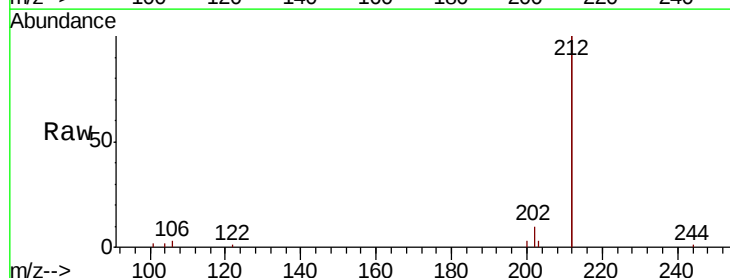
Tgt Ion:212 Resp: 32423

Ion Ratio Lower Upper

212 100

106 1.6 1.3 1.9

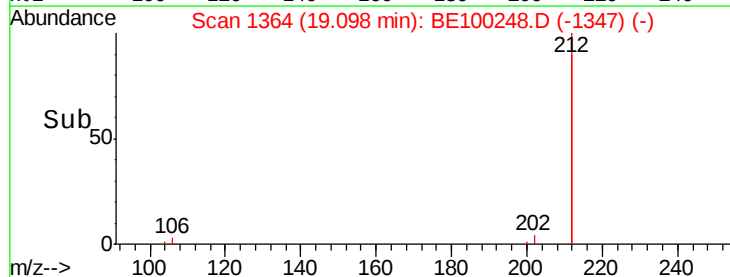
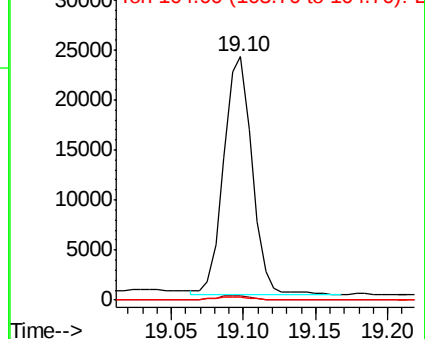
104 0.9 0.8 1.2

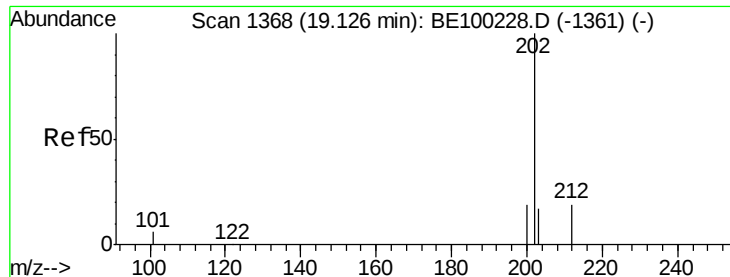


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 13.780 ng

RT: 19.13 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE100248.D

Acq: 28 Jun 2019 23:14

Instrument :

BNA_E

ClientSampleId :

PST-007-SW048-061819

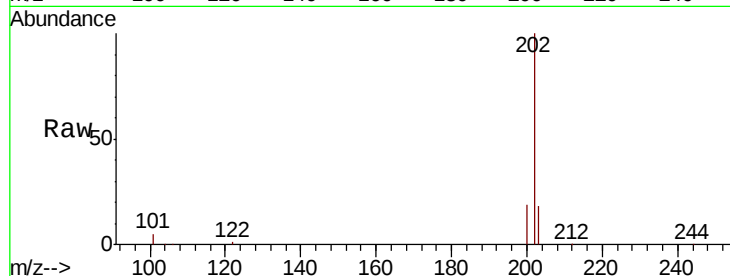
Tgt Ion:202 Resp: 324125

Ion Ratio Lower Upper

202 100

101 5.4 4.6 7.0

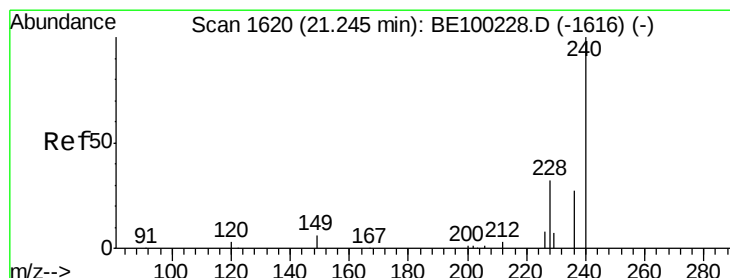
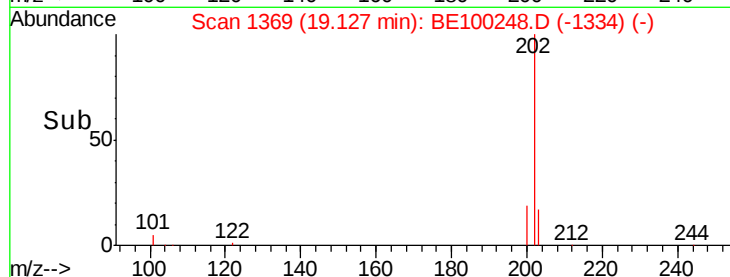
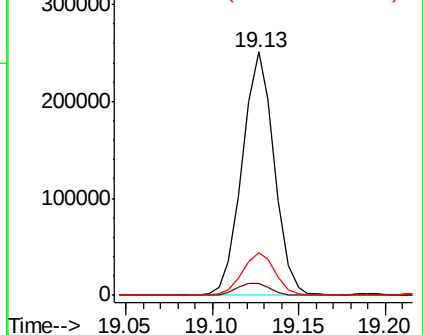
203 17.6 13.7 20.5



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# 1621

Delta R.T. 0.00 min

Lab File: BE100248.D

Acq: 28 Jun 2019 23:14

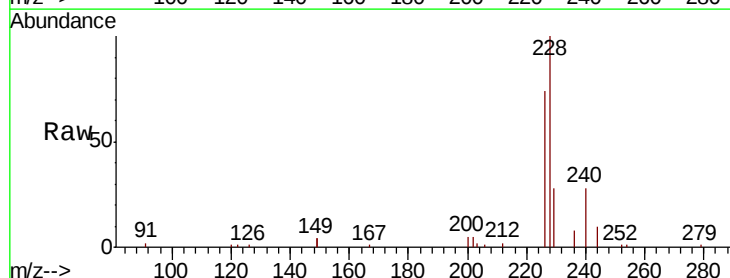
Tgt Ion:240 Resp: 8607

Ion Ratio Lower Upper

240 100

120 4.5 3.3 4.9

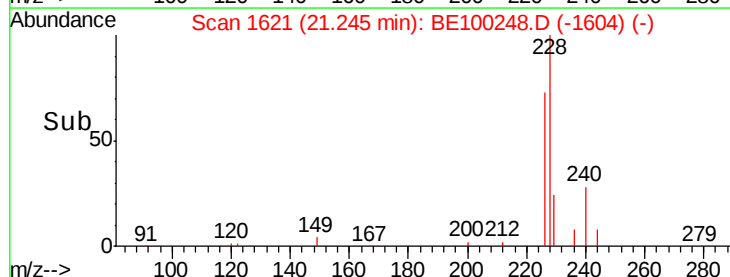
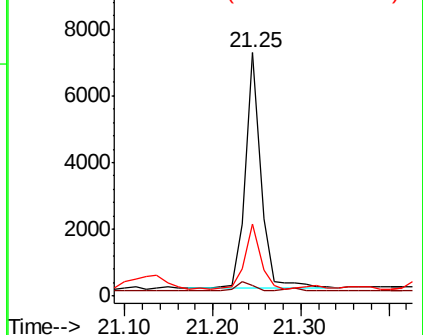
236 29.7 22.6 34.0

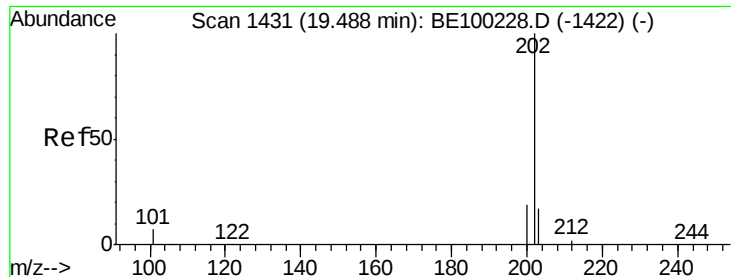


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pyrene

Concen: 13.855 ng

RT: 19.49 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE100248.D

Acq: 28 Jun 2019 23:14

Instrument :

BNA_E

ClientSampleId :

PST-007-SW048-061819

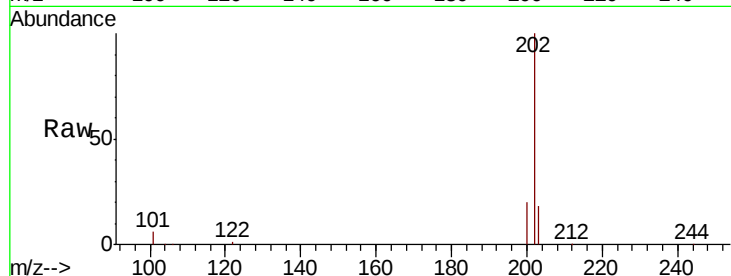
Tgt Ion:202 Resp: 315728

Ion Ratio Lower Upper

202 100

200 19.9 15.6 23.4

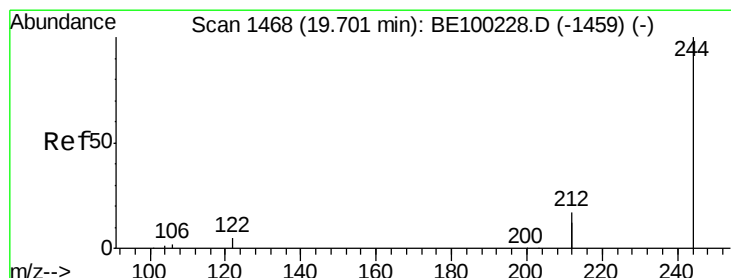
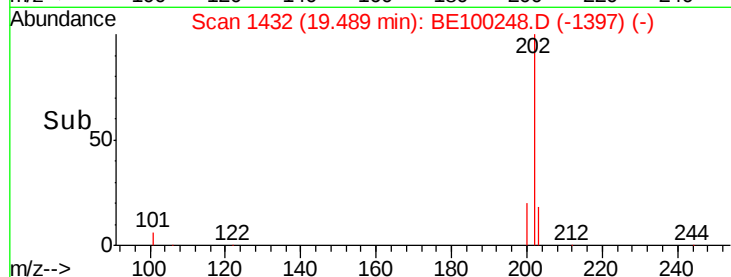
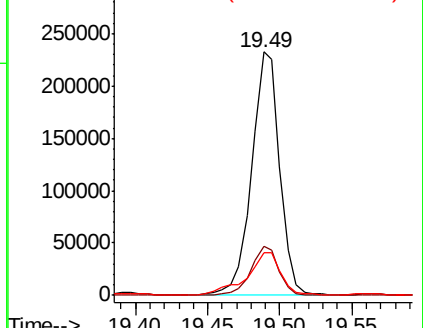
203 21.2 14.0 21.0#



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: 0.365 ng

RT: 19.70 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BE100248.D

Acq: 28 Jun 2019 23:14

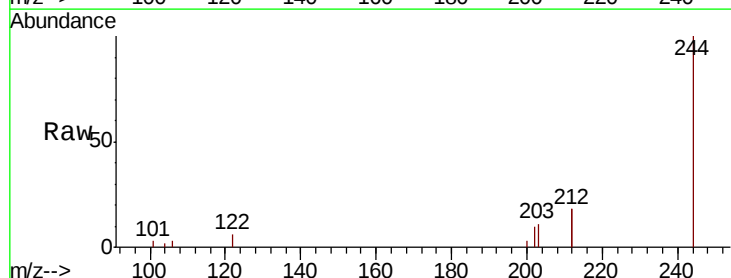
Tgt Ion:244 Resp: 6506

Ion Ratio Lower Upper

244 100

212 35.2 27.3 40.9

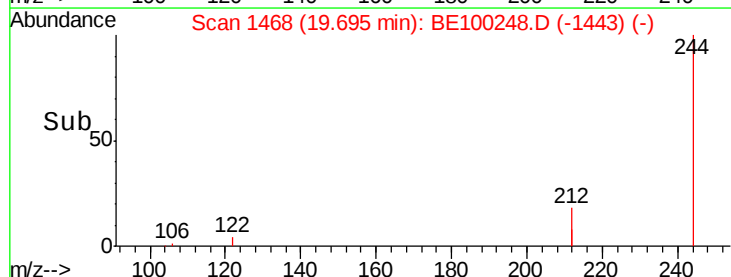
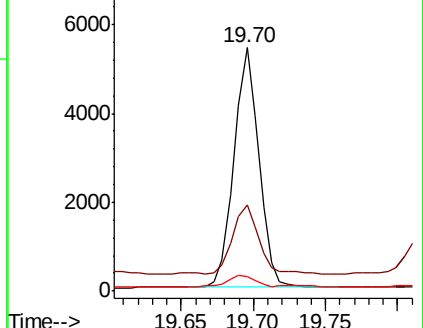
122 5.8 4.7 7.1

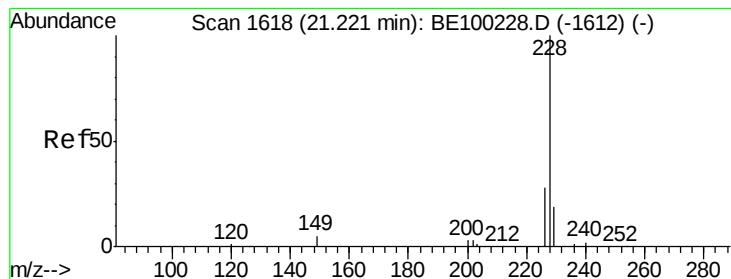


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 8.446 ng

RT: 21.23 min Scan# 1620

Delta R.T. 0.01 min

Lab File: BE100248.D

Acq: 28 Jun 2019 23:14

Instrument :

BNA_E

ClientSampleId :

PST-007-SW048-061819

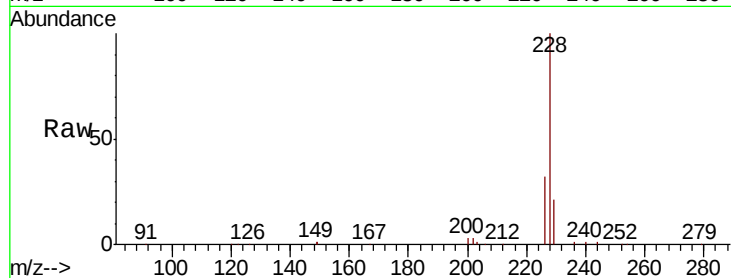
Tgt Ion:228 Resp: 239032

Ion Ratio Lower Upper

228 100

226 31.6 23.2 34.8

229 21.3 15.7 23.5

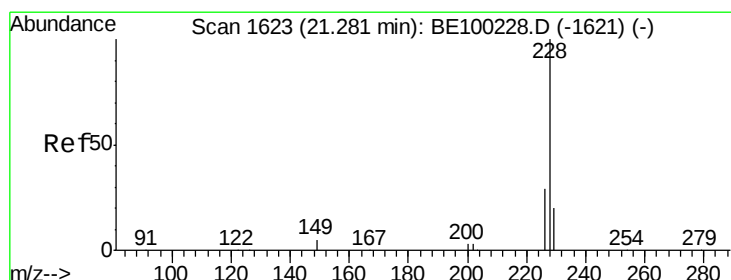
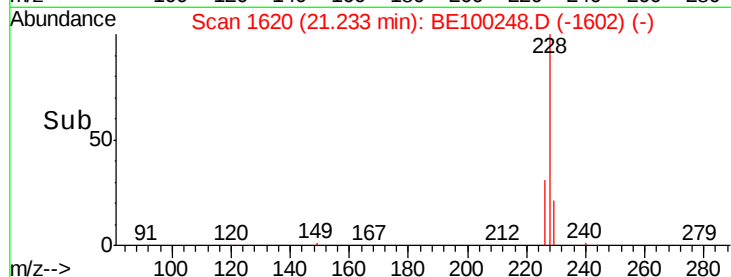
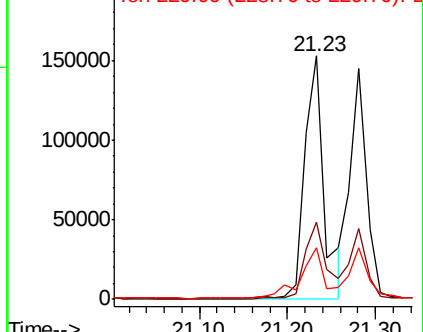


Abundance

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: 6.610 ng

RT: 21.28 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100248.D

Acq: 28 Jun 2019 23:14

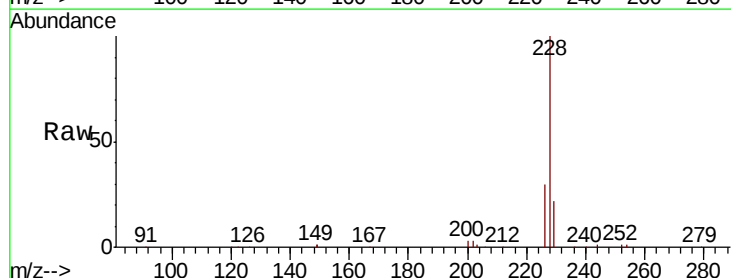
Tgt Ion:228 Resp: 187830

Ion Ratio Lower Upper

228 100

226 30.4 23.9 35.9

229 22.5 16.5 24.7

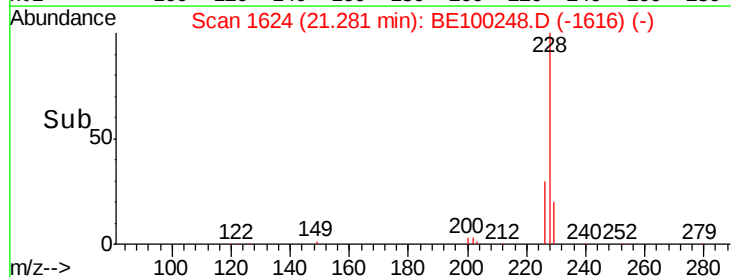
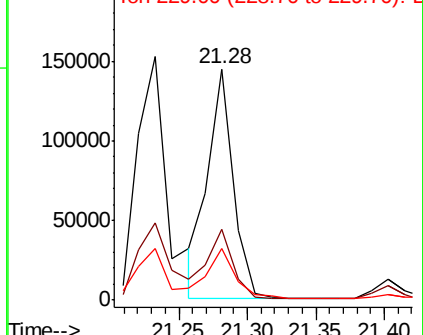


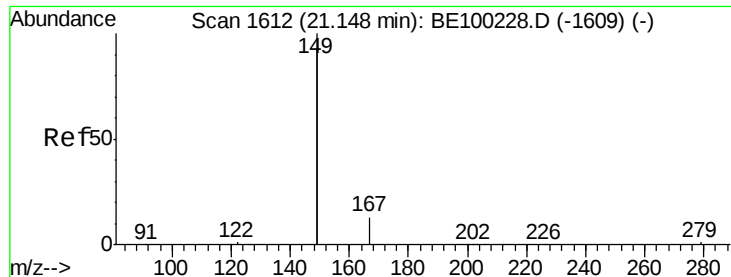
Abundance

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: 0.174 ng

RT: 21.15 min Scan# 1613

Delta R.T. 0.00 min

Lab File: BE100248.D

Acq: 28 Jun 2019 23:14

Instrument :

BNA_E

ClientSampleId :

PST-007-SW048-061819

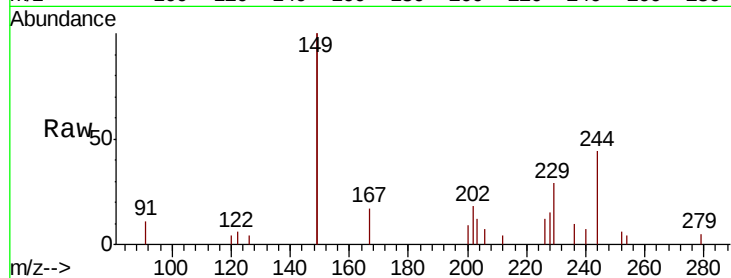
Tgt Ion:149 Resp: 9261

Ion Ratio Lower Upper

149 100

167 7.5 5.8 8.8

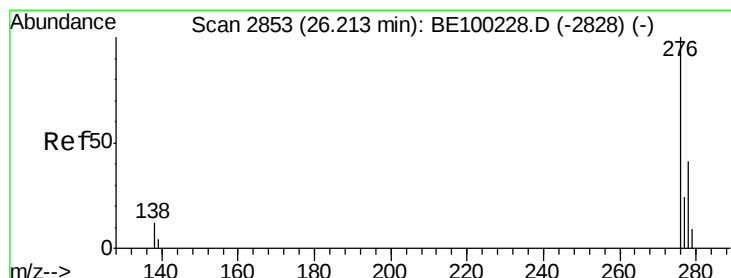
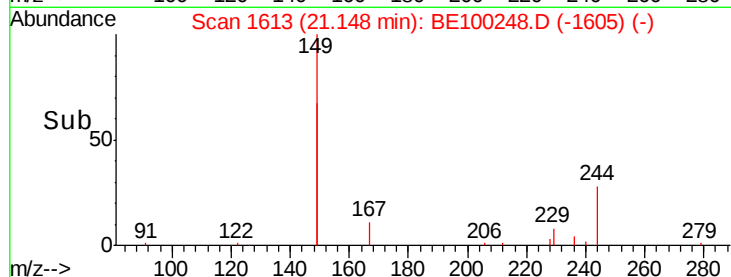
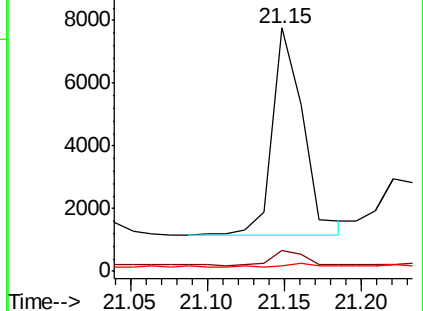
279 1.7 1.1 1.7#



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: 3.675 ng

RT: 26.22 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BE100248.D

Acq: 28 Jun 2019 23:14

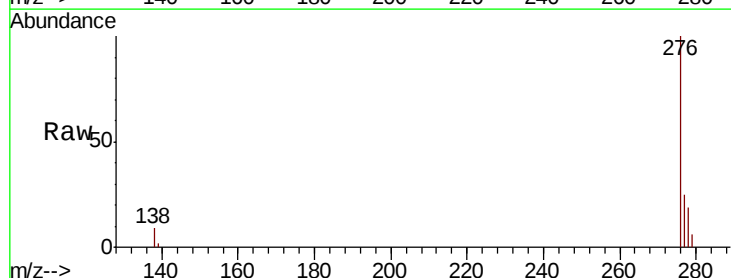
Tgt Ion:276 Resp: 138124

Ion Ratio Lower Upper

276 100

138 9.1 9.4 14.0#

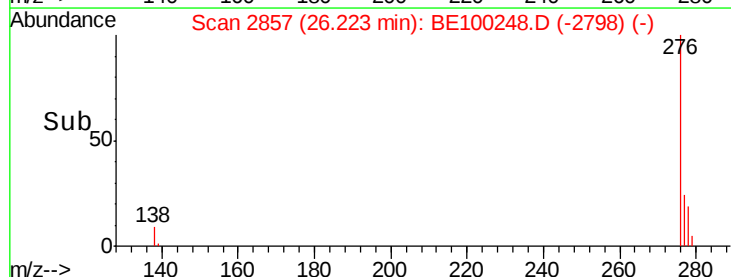
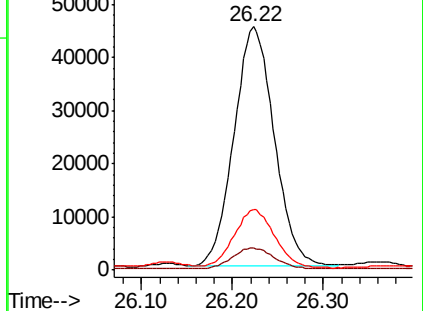
277 24.6 19.2 28.8

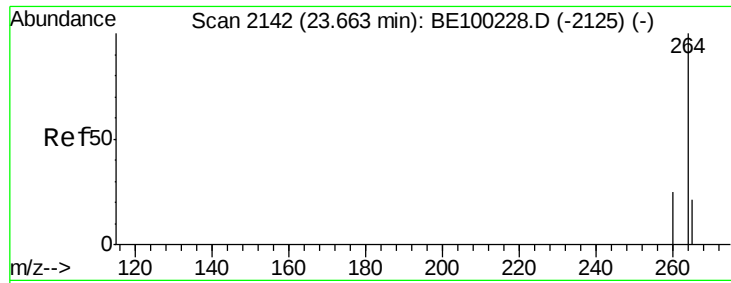


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

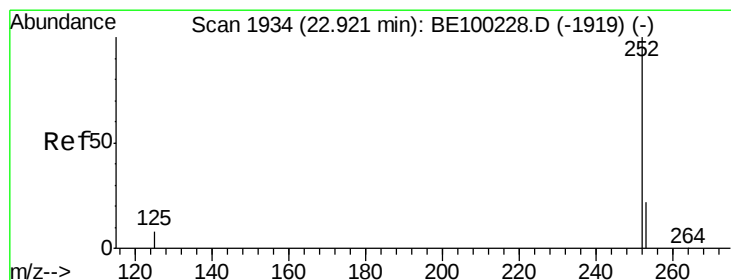
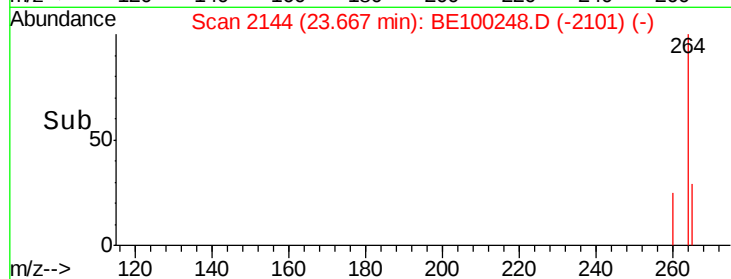
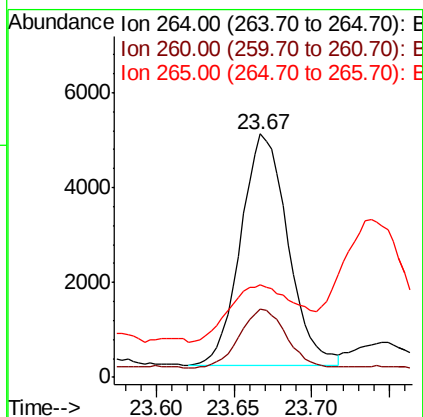
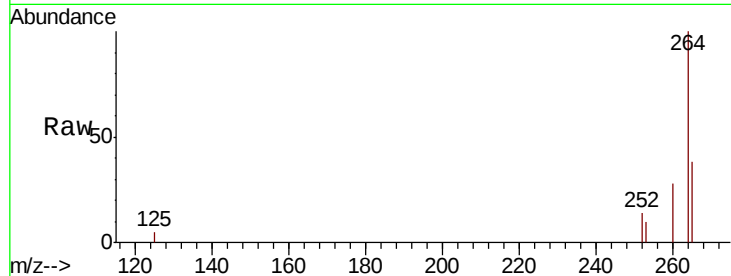




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.67 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BE100248.D
 Acq: 28 Jun 2019 23:14

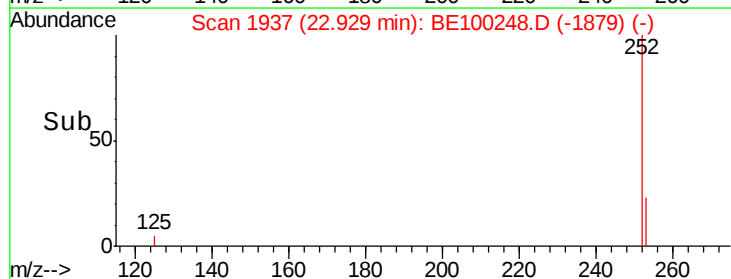
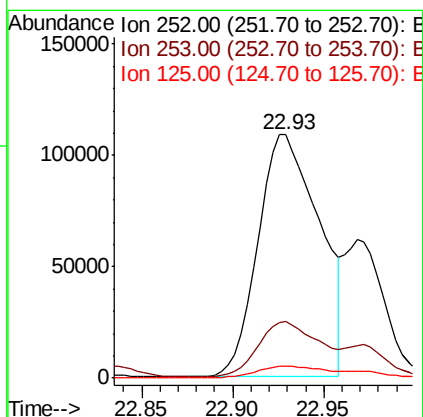
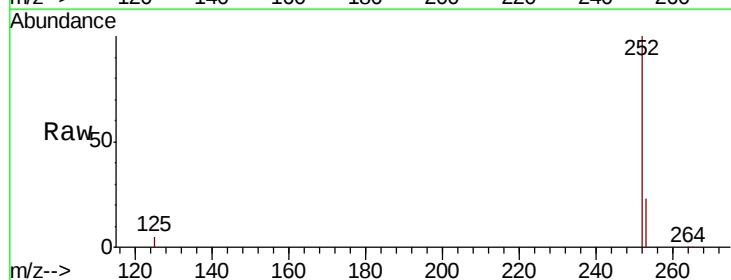
Instrument :
 BNA_E
 ClientSampleId :
 PST-007-SW048-061819

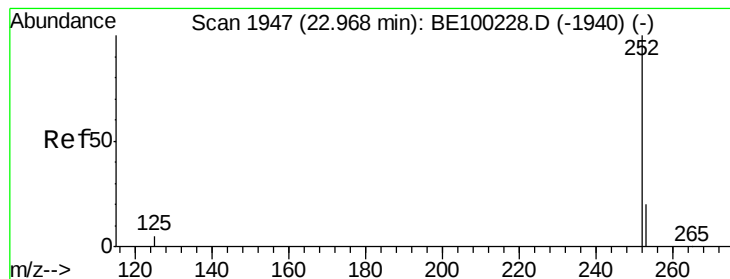
Tgt Ion: 264 Resp: 10282
 Ion Ratio Lower Upper
 264 100
 260 28.0 20.8 31.2
 265 37.9 21.8 32.6#



#35
 Benzo(b)fluoranthene
 Concen: 9.187 ng
 RT: 22.93 min Scan# 1937
 Delta R.T. 0.01 min
 Lab File: BE100248.D
 Acq: 28 Jun 2019 23:14

Tgt Ion: 252 Resp: 256101
 Ion Ratio Lower Upper
 252 100
 253 23.2 19.2 28.8
 125 4.9 7.4 11.0#





#36

Benzo(k)fluoranthene

Concen: 8.230 ng

RT: 22.93 min Scan# 1937

Delta R.T. -0.04 min

Lab File: BE100248.D

Acq: 28 Jun 2019 23:14

Instrument :

BNA_E

ClientSampleId :

PST-007-SW048-061819

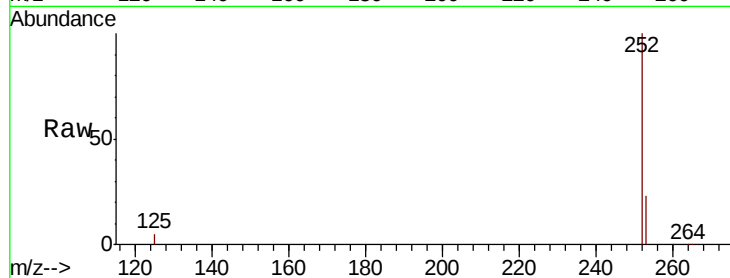
Tgt Ion:252 Resp: 256101

Ion Ratio Lower Upper

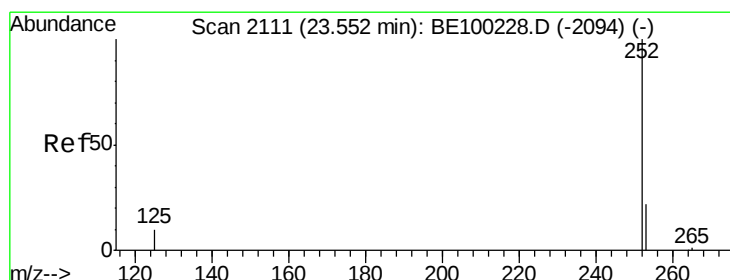
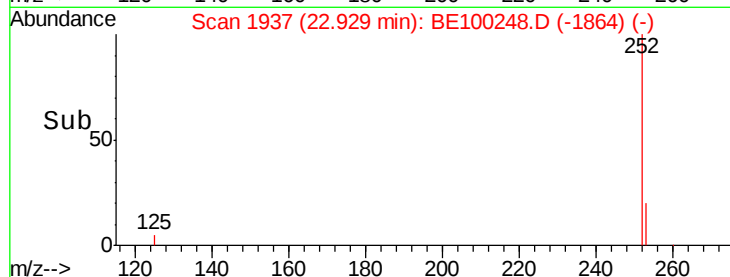
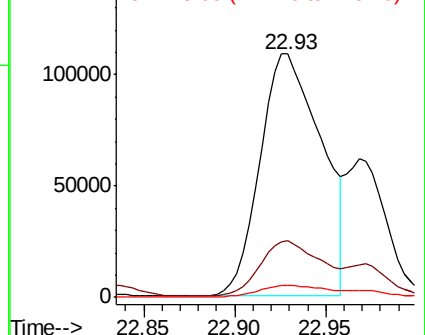
252 100

253 23.2 17.9 26.9

125 4.9 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: 7.206 ng

RT: 23.56 min Scan# 2114

Delta R.T. 0.01 min

Lab File: BE100248.D

Acq: 28 Jun 2019 23:14

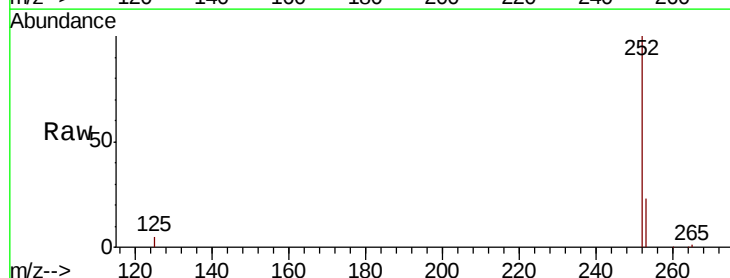
Tgt Ion:252 Resp: 201344

Ion Ratio Lower Upper

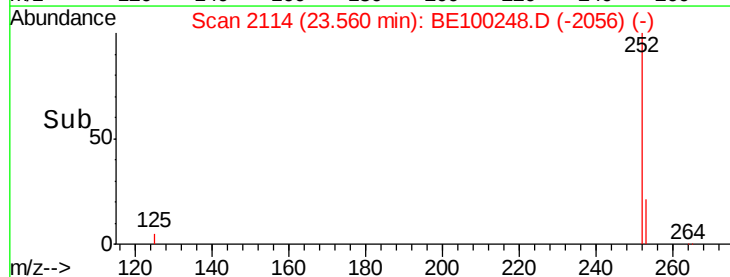
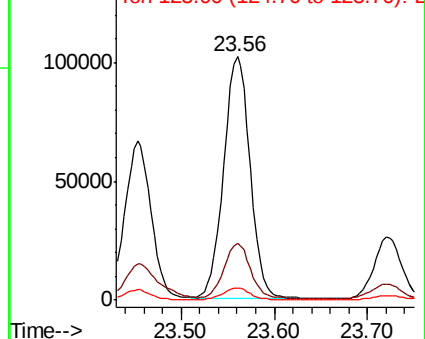
252 100

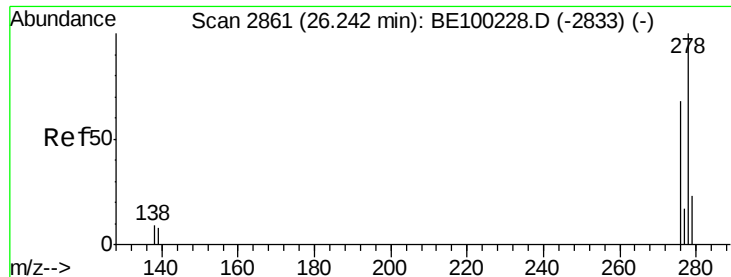
253 23.1 19.6 29.4

125 4.9 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: 1.167 ng

RT: 26.24 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BE100248.D

Acq: 28 Jun 2019 23:14

Instrument :

BNA_E

ClientSampleId :

PST-007-SW048-061819

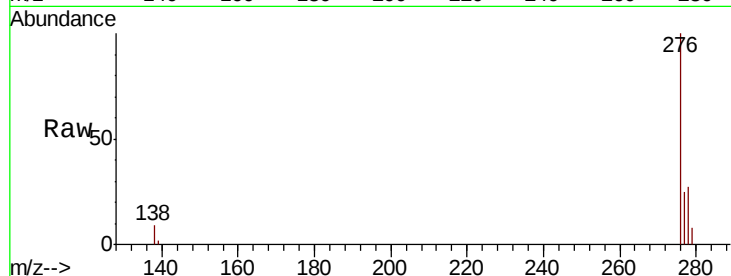
Tgt Ion: 278 Resp: 34060

Ion Ratio Lower Upper

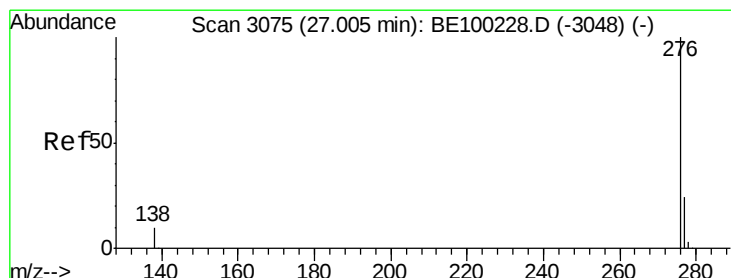
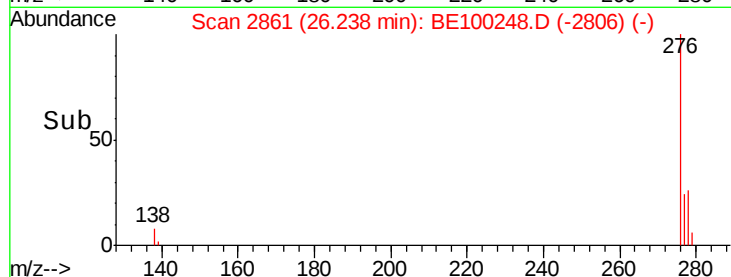
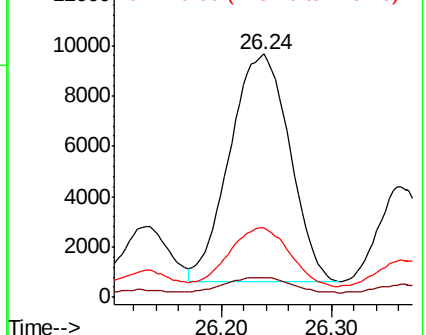
278 100

139 8.2 8.2 12.2

279 28.7 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: 4.520 ng

RT: 27.02 min Scan# 3079

Delta R.T. 0.01 min

Lab File: BE100248.D

Acq: 28 Jun 2019 23:14

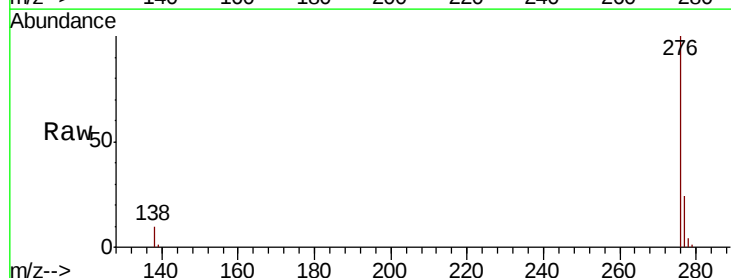
Tgt Ion: 276 Resp: 135498

Ion Ratio Lower Upper

276 100

277 24.3 20.2 30.2

138 9.7 9.0 13.6



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

