

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062819\
 Data File : BE100245.D
 Acq On : 28 Jun 2019 21:27
 Operator : JU/SJ
 Sample : K3445-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-029-B217-061719

Quant Time: Jun 29 00:02:19 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	786	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	2782	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	2204	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	6377	0.40	ng	0.00
27) Chrysene-d12	21.24	240	8353	0.40	ng	0.00
34) Perylene-d12	23.67	264	10144	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	473	0.24	ng	0.00
5) Phenol-d6	6.83	99	654	0.25	ng	-0.01
8) Nitrobenzene-d5	8.81	82	677	0.24	ng	-0.01
11) 2-Methylnaphthalene-d10	12.05	152	1879	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	387	0.25	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	2015	0.23	ng	0.00
25) Fluoranthene-d10	19.10	212	31391	0.34	ng	0.00
29) Terphenyl-d14	19.70	244	3696	0.21	ng	0.00

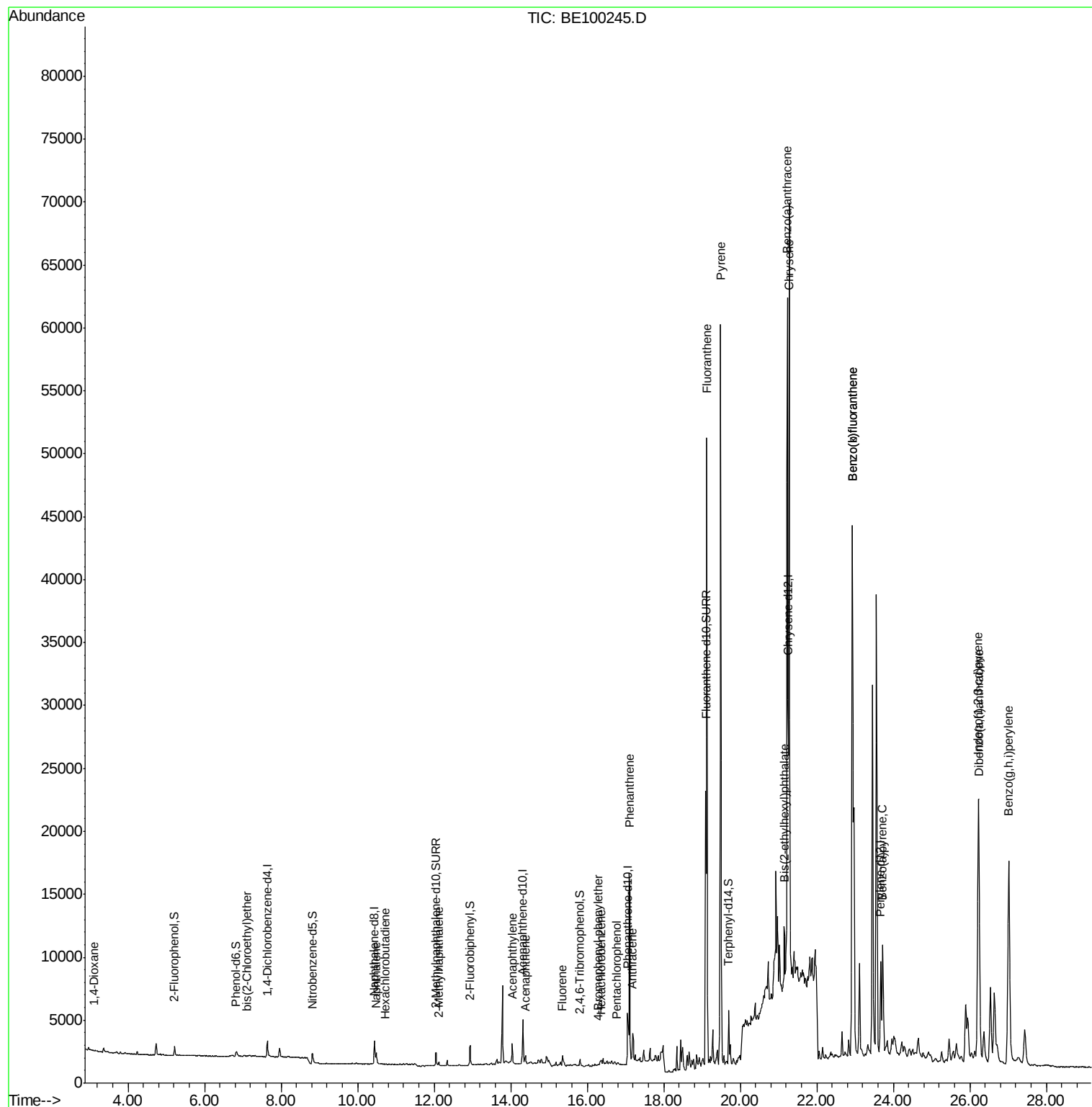
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	15	0.012	ng	# 32
6) bis(2-Chloroethyl)ether	7.11	93	5	0.002	ng	# 1
9) Naphthalene	10.48	128	1604	0.052	ng	# 91
10) Hexachlorobutadiene	10.73	225	9	0.003	ng	# 56
12) 2-Methylnaphthalene	12.12	142	230	0.043	ng	# 89
16) Acenaphthylene	14.04	152	2923	0.276	ng	# 92
17) Acenaphthene	14.38	154	396	0.066	ng	# 96
18) Fluorene	15.35	166	852	0.096	ng	# 77
20) 4-Bromophenyl-phenylether	16.28	248	4	0.001	ng	# 64
21) Hexachlorobenzene	16.36	284	10	0.002	ng	# 45
22) Pentachlorophenol	16.77	266	11	0.009	ng	# 77
23) Phenanthrene	17.09	178	18953	1.226	ng	99
24) Anthracene	17.19	178	3039	0.218	ng	97
26) Fluoranthene	19.13	202	45558	1.851	ng	99
28) Pyrene	19.49	202	54362	2.458	ng	96
30) Benzo(a)anthracene	21.23	228	49100	1.788	ng	95
31) Chrysene	21.28	228	50289	1.823	ng	98
32) Bis(2-ethylhexyl)phthalate	21.15	149	6342	0.106	ng	100
33) Indeno(1,2,3-cd)pyrene	26.22	276	41657	1.142	ng	# 98
35) Benzo(b)fluoranthene	22.93	252	74870	2.722	ng	# 96
36) Benzo(k)fluoranthene	22.93	252	74870	2.439	ng	98
37) Benzo(a)pyrene	23.72	252	11408	0.414	ng	93
38) Dibenzo(a,h)anthracene	26.24	278	13338	0.463	ng	# 90
39) Benzo(g,h,i)perylene	27.02	276	42959	1.453	ng	99

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

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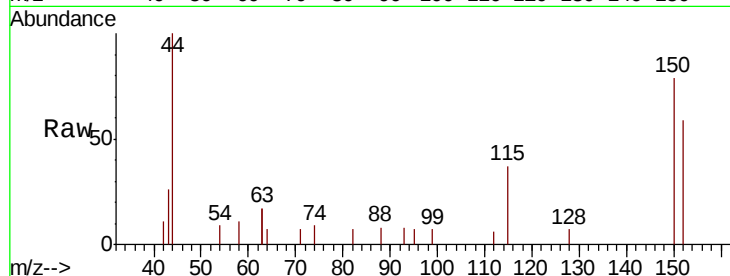


#1

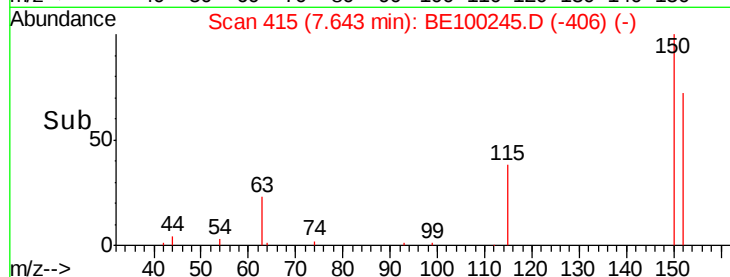
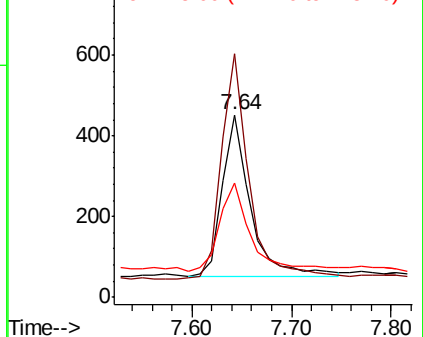
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100245.D
Acq: 28 Jun 2019 21:27

Instrument :
BNA_E
ClientSampleId :
PST-029-B217-061719

Tgt Ion: 152 Resp: 786
Ion Ratio Lower Upper
152 100
150 133.4 114.5 171.7
115 62.4 57.1 85.7



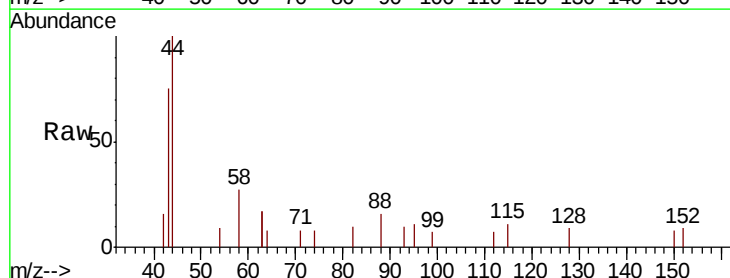
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



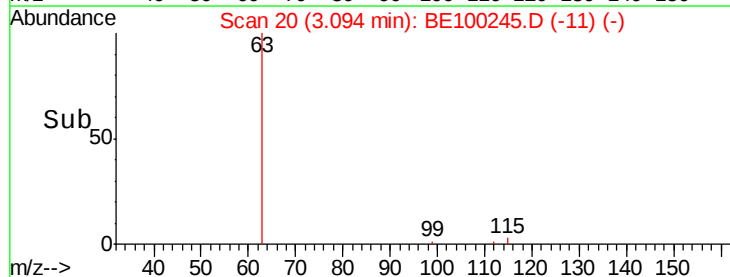
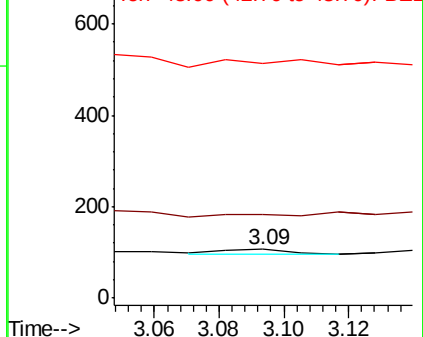
#2

1,4-Dioxane
Concen: 0.012 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE100245.D
Acq: 28 Jun 2019 21:27

Tgt Ion: 88 Resp: 15
Ion Ratio Lower Upper
88 100
58 0.0 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





#4

2-Fluorophenol

Concen: 0.236 ng

RT: 5.21 min Scan# 204

Delta R.T. -0.00 min

Lab File: BE100245.D

Acq: 28 Jun 2019 21:27

Instrument :

BNA_E

ClientSampleId :

PST-029-B217-061719

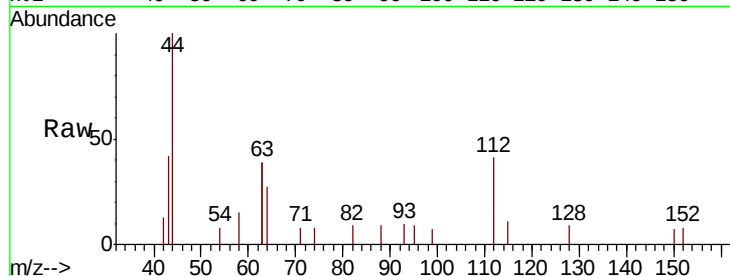
Tgt Ion: 112 Resp: 473

Ion Ratio Lower Upper

112 100

64 56.0 39.4 59.0

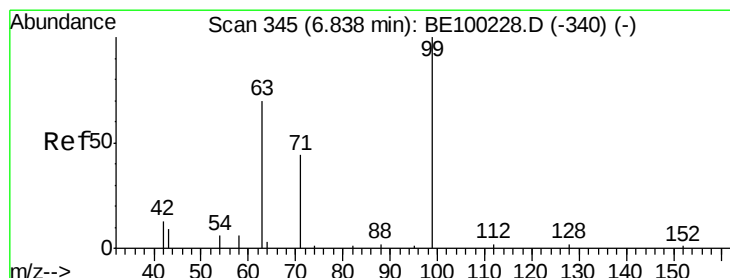
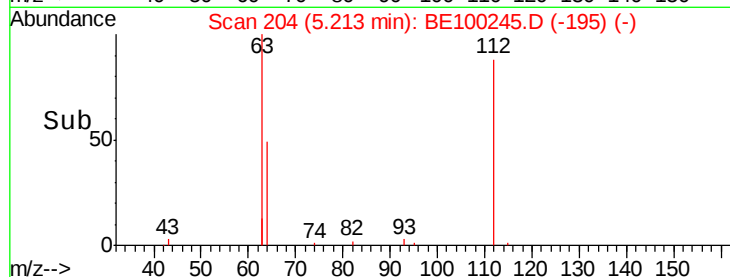
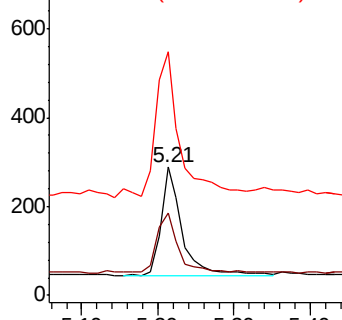
63 160.7 104.5 156.7#



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: 0.248 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100245.D

Acq: 28 Jun 2019 21:27

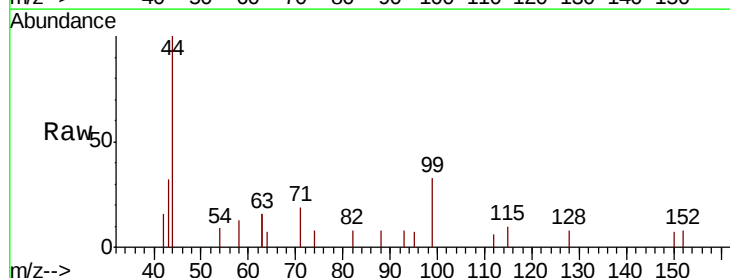
Tgt Ion: 99 Resp: 654

Ion Ratio Lower Upper

99 100

42 20.6 11.2 16.8#

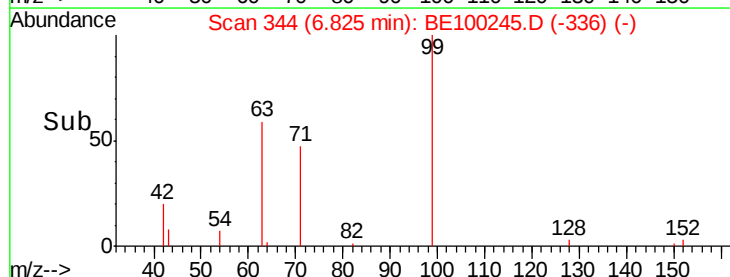
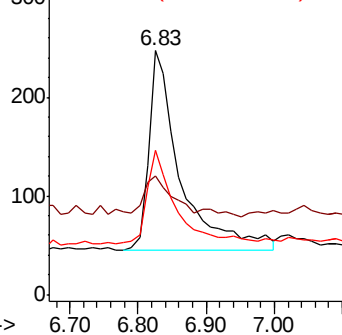
71 43.3 37.2 55.8

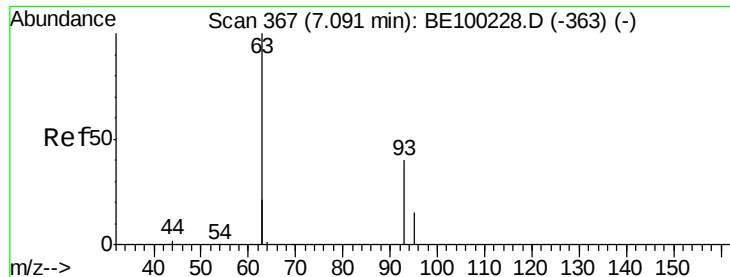


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.002 ng

RT: 7.11 min Scan# 369

Delta R.T. 0.02 min

Lab File: BE100245.D

Acq: 28 Jun 2019 21:27

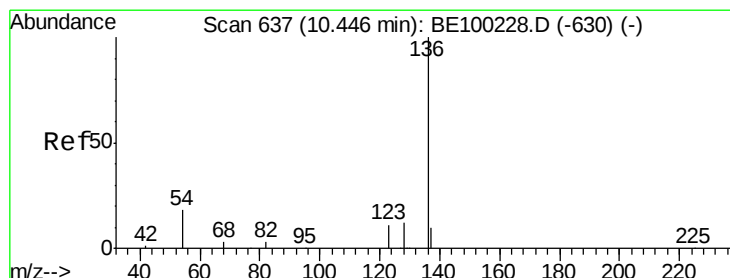
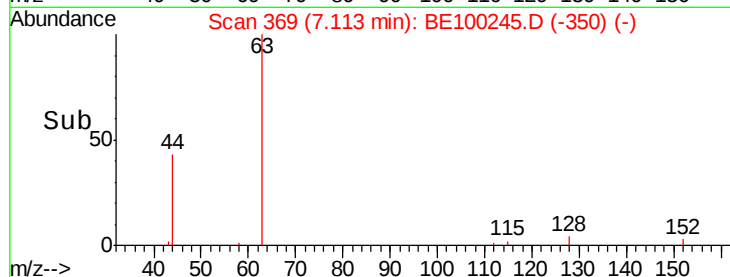
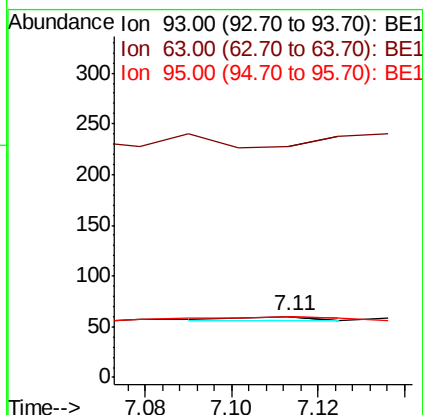
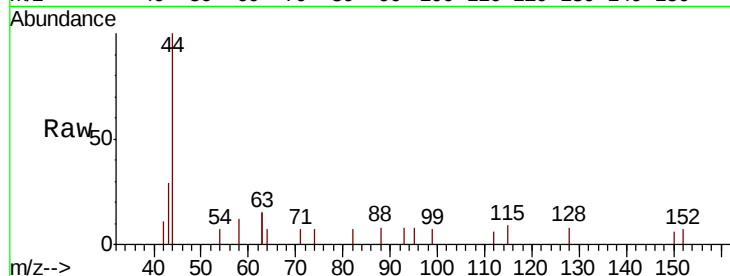
Instrument :

BNA_E

ClientSampleId :

PST-029-B217-061719

Tgt Ion:	93	Resp:	5
Ion	Ratio	Lower	Upper
93	100		
63	0.0	155.6	233.4#
95	160.0	23.0	34.4#



#7

Naphthalene-d8

Concen: 0.400 ng

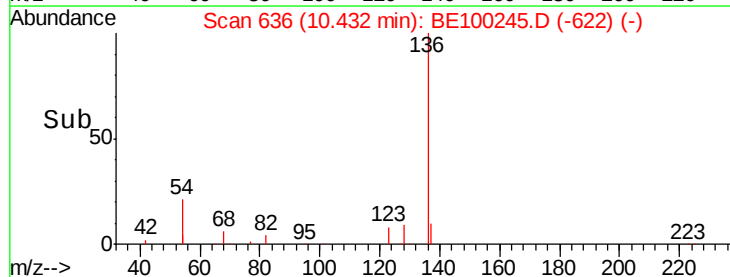
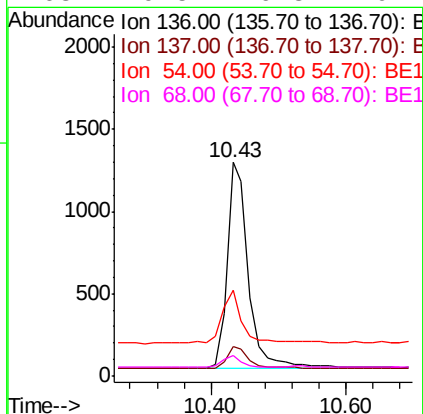
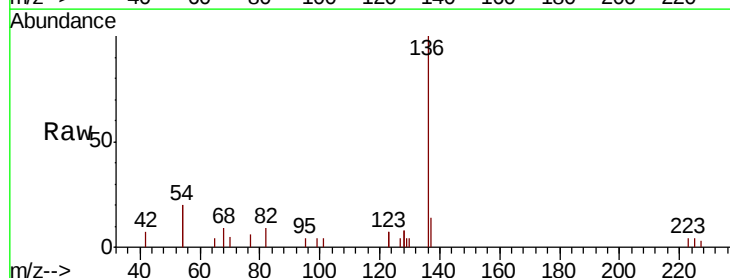
RT: 10.43 min Scan# 636

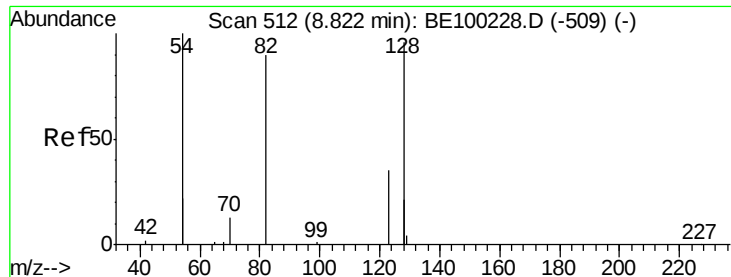
Delta R.T. -0.01 min

Lab File: BE100245.D

Acq: 28 Jun 2019 21:27

Tgt Ion:	136	Resp:	2782
Ion	Ratio	Lower	Upper
136	100		
137	13.6	11.8	17.8
54	39.9	27.7	41.5
68	9.5	6.8	10.2





#8

Nitrobenzene-d5

Concen: 0.245 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100245.D

Acq: 28 Jun 2019 21:27

Instrument :

BNA_E

ClientSampleId :

PST-029-B217-061719

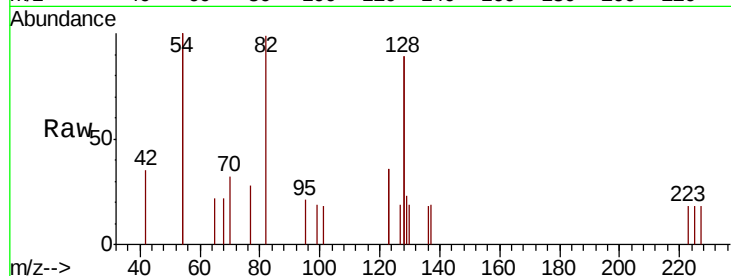
Tgt Ion: 82 Resp: 677

Ion Ratio Lower Upper

82 100

128 179.8 140.9 211.3

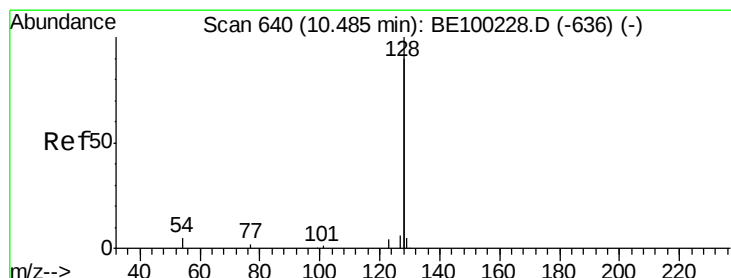
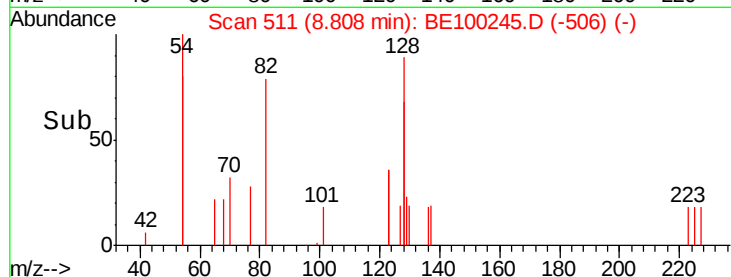
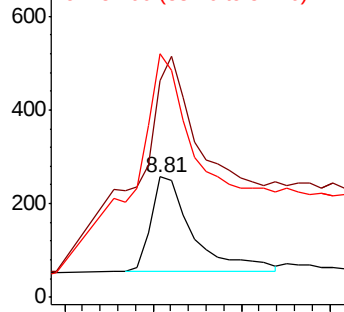
54 202.3 146.2 219.2



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: 0.052 ng

RT: 10.48 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE100245.D

Acq: 28 Jun 2019 21:27

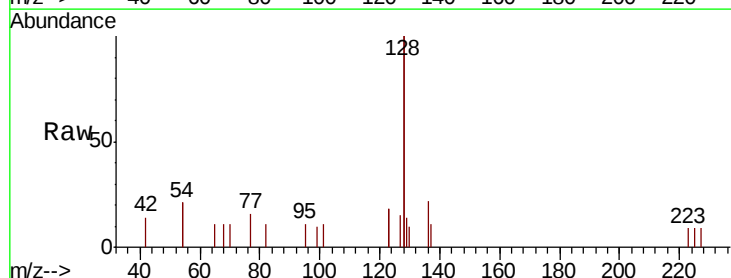
Tgt Ion: 128 Resp: 1604

Ion Ratio Lower Upper

128 100

129 6.8 3.0 4.6#

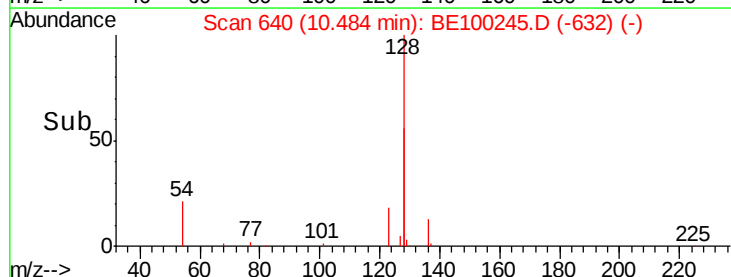
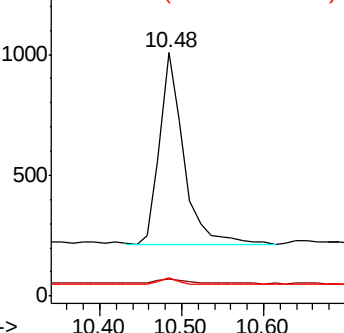
127 7.3 3.5 5.3#

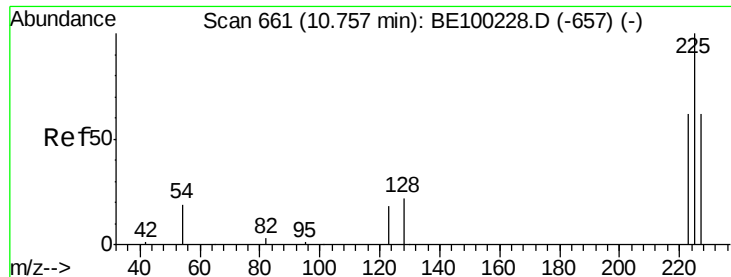


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

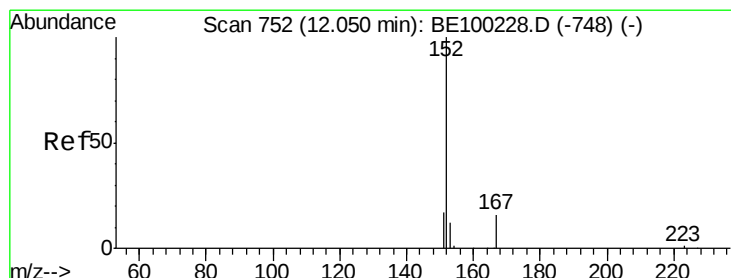
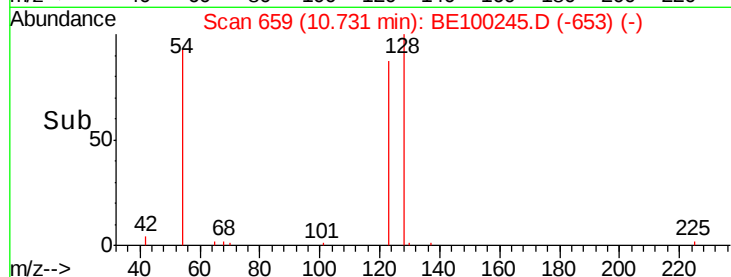
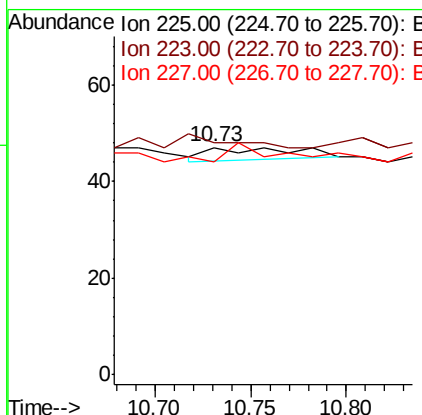
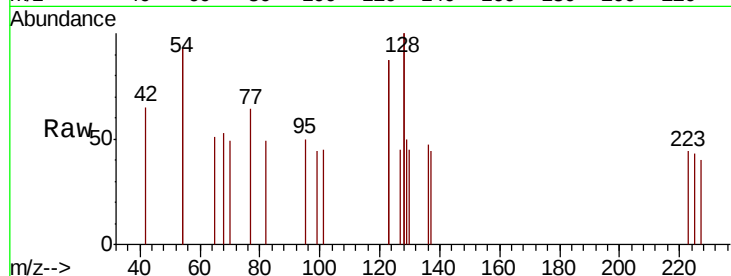




#10
Hexachlorobutadiene
Concen: 0.003 ng
RT: 10.73 min Scan# 659
Delta R.T. -0.03 min
Lab File: BE100245.D
Acq: 28 Jun 2019 21:27

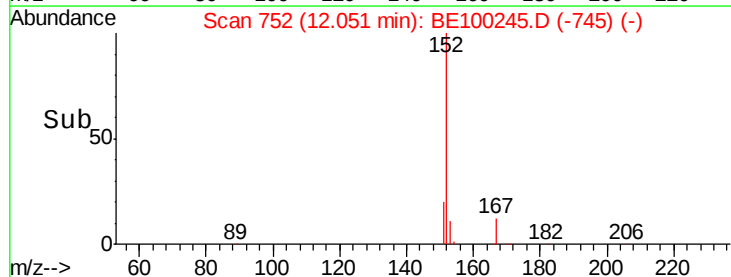
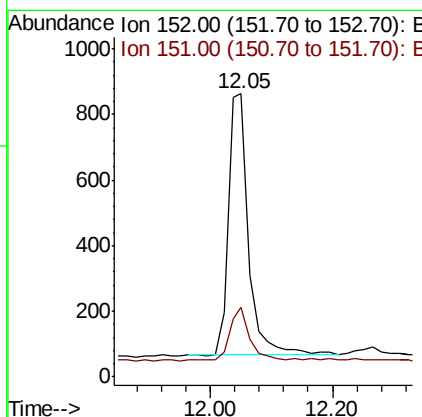
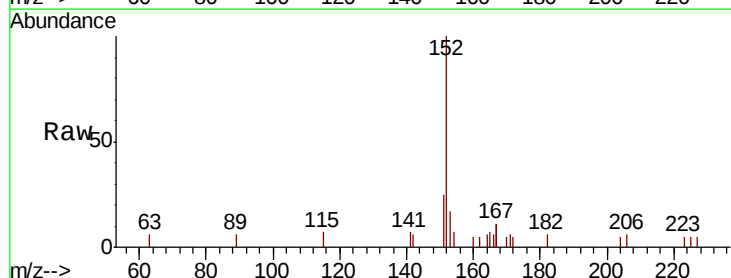
Instrument :
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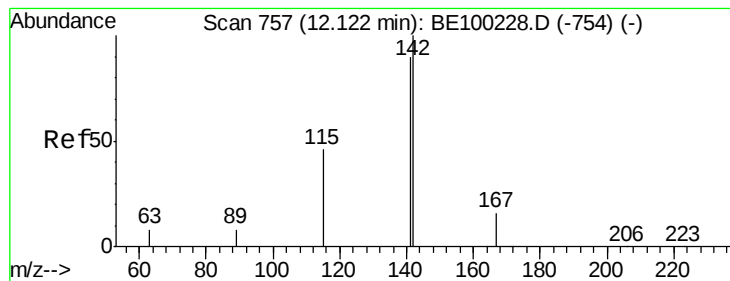
Tgt Ion: 225 Resp: 9
Ion Ratio Lower Upper
225 100
223 66.7 49.1 73.7
227 0.0 49.3 73.9#



#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 12.05 min Scan# 752
Delta R.T. 0.00 min
Lab File: BE100245.D
Acq: 28 Jun 2019 21:27

Tgt Ion: 152 Resp: 1879
Ion Ratio Lower Upper
152 100
151 19.5 15.1 22.7





#12

2-Methylnaphthalene

Concen: 0.043 ng

RT: 12.12 min Scan# 757

Delta R.T. 0.00 min

Lab File: BE100245.D

Acq: 28 Jun 2019 21:27

Instrument :

BNA_E

ClientSampleId :

PST-029-B217-061719

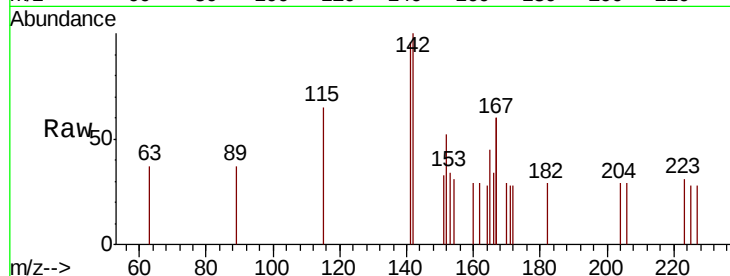
Tgt Ion:142 Resp: 230

Ion Ratio Lower Upper

142 100

141 95.7 72.4 108.6

115 65.0 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

12.12

150

100

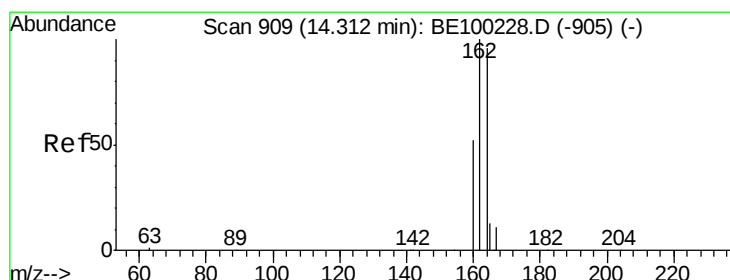
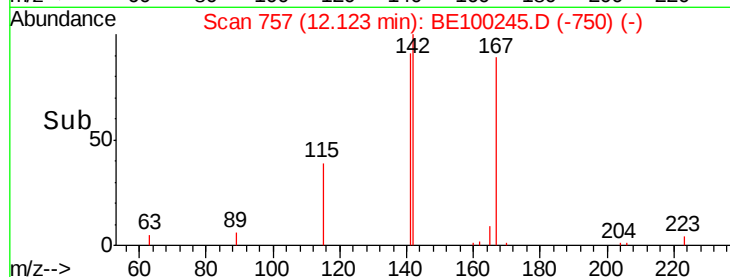
50

0

12.10

12.20

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 909

Delta R.T. 0.00 min

Lab File: BE100245.D

Acq: 28 Jun 2019 21:27

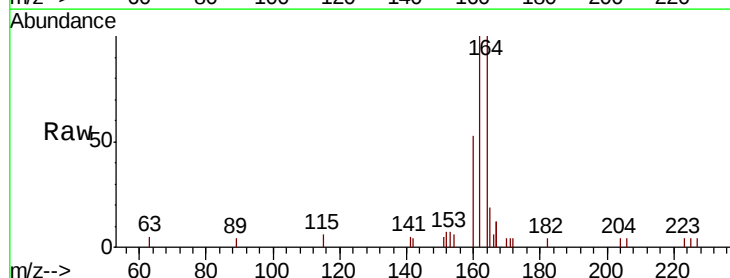
Tgt Ion:164 Resp: 2204

Ion Ratio Lower Upper

164 100

162 100.4 83.4 125.0

160 52.8 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

14.31

1500

1000

500

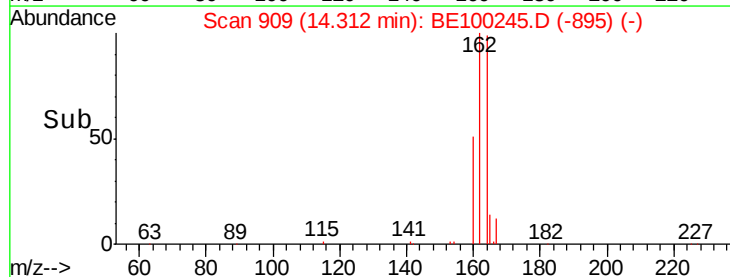
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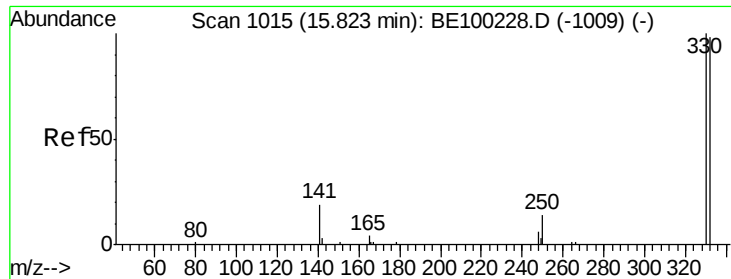
14.20

14.30

14.40

Time-->

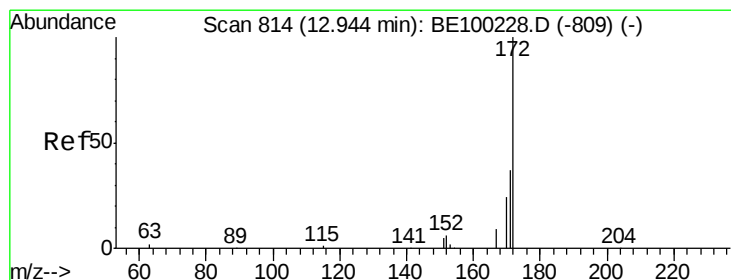
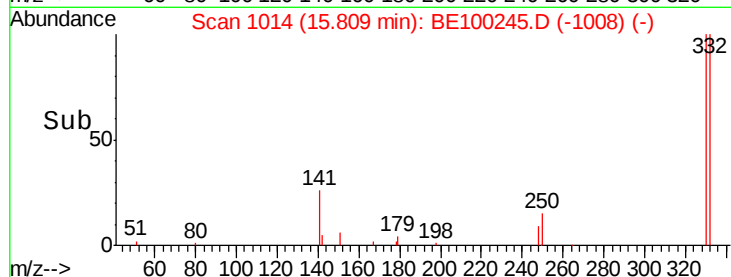
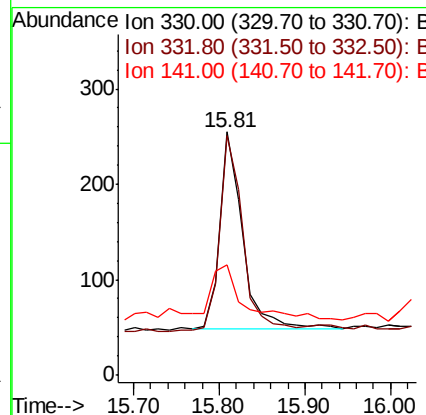
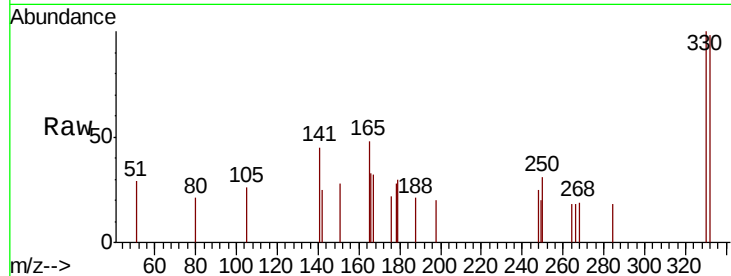




#14
 2,4,6-Tribromophenol
 Concen: 0.251 ng
 RT: 15.81 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BE100245.D
 Acq: 28 Jun 2019 21:27

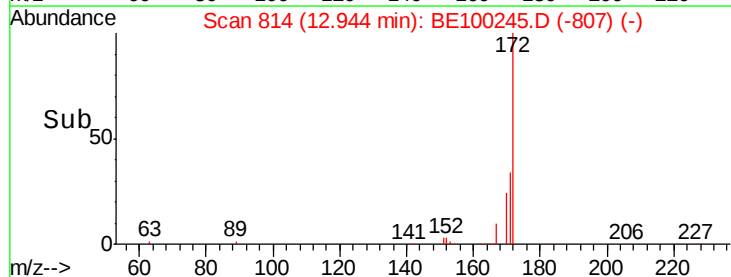
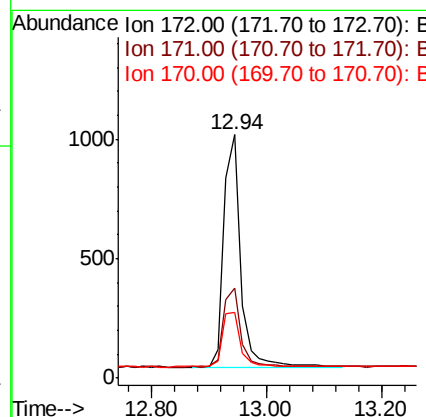
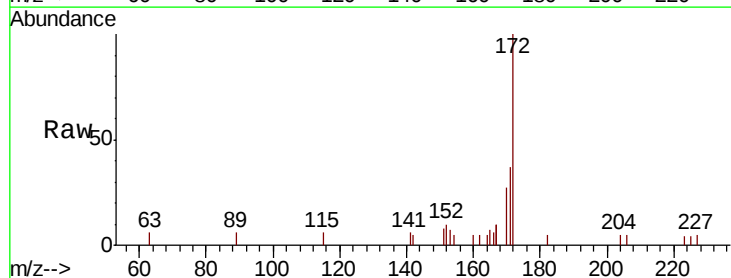
Instrument :
 BNA_E
 ClientSampleId :
 PST-029-B217-061719

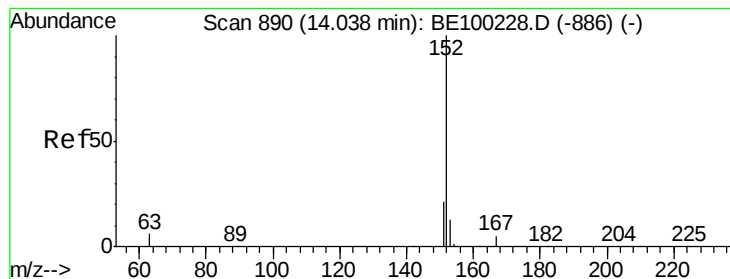
Tgt Ion: 330 Resp: 387
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.4
 141 37.2 22.0 33.0#



#15
 2-Fluorobiphenyl
 Concen: 0.235 ng
 RT: 12.94 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BE100245.D
 Acq: 28 Jun 2019 21:27

Tgt Ion: 172 Resp: 2015
 Ion Ratio Lower Upper
 172 100
 171 36.8 31.9 47.9
 170 27.1 22.2 33.2





#16

Acenaphthylene

Concen: 0.276 ng

RT: 14.04 min Scan# 890

Delta R.T. 0.00 min

Lab File: BE100245.D

Acq: 28 Jun 2019 21:27

Instrument :

BNA_E

ClientSampleId :

PST-029-B217-061719

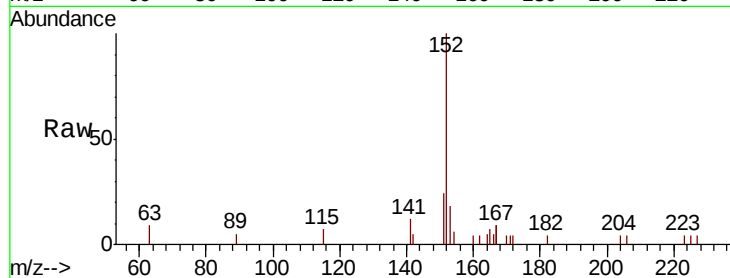
Tgt Ion:152 Resp: 2923

Ion Ratio Lower Upper

152 100

151 16.5 16.6 25.0#

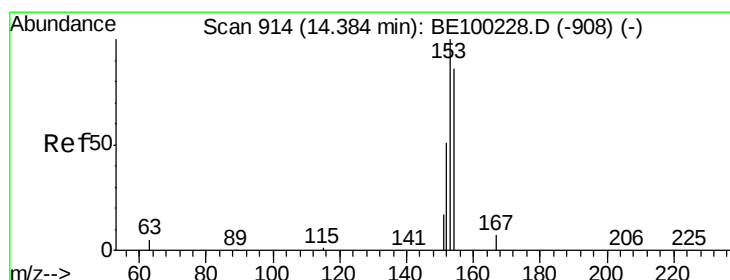
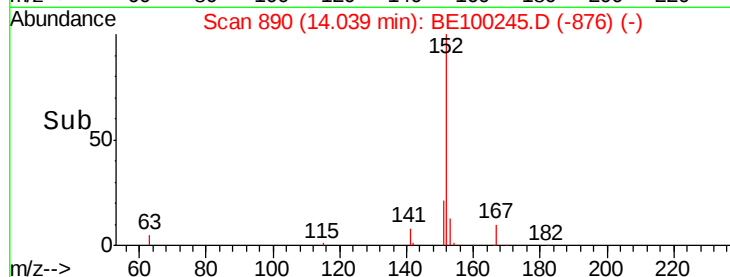
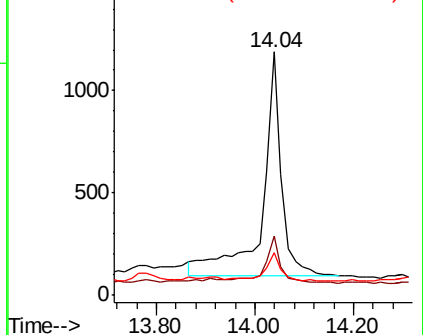
153 10.5 10.5 15.7#



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: 0.066 ng

RT: 14.38 min Scan# 914

Delta R.T. 0.00 min

Lab File: BE100245.D

Acq: 28 Jun 2019 21:27

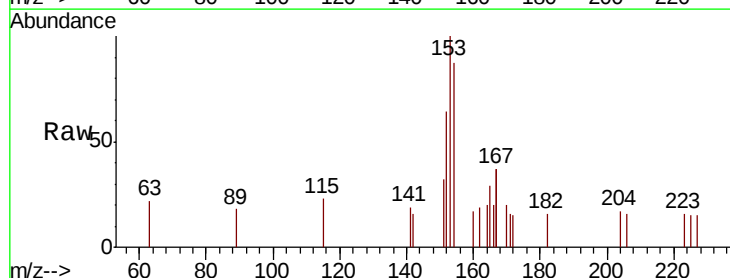
Tgt Ion:154 Resp: 396

Ion Ratio Lower Upper

154 100

153 113.6 93.4 140.2

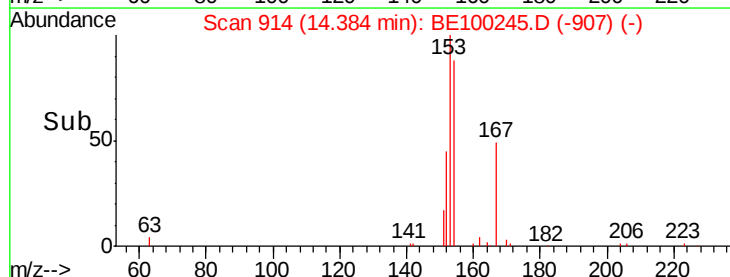
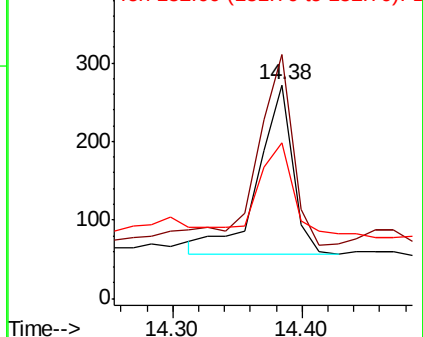
152 57.1 49.4 74.2

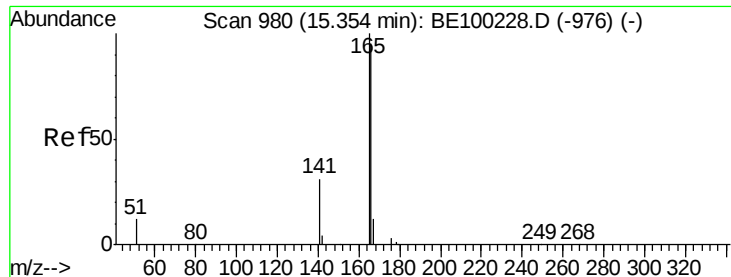


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

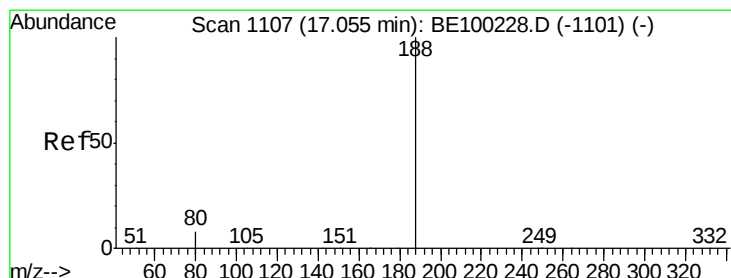
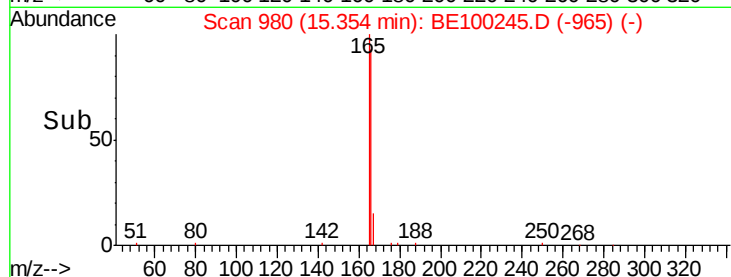
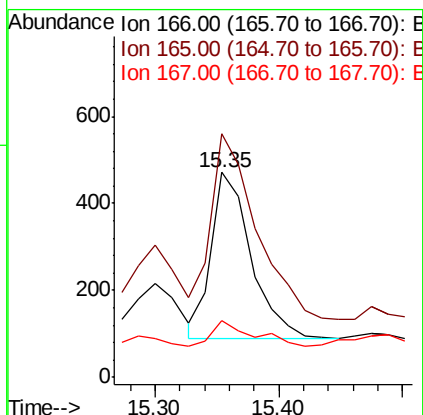
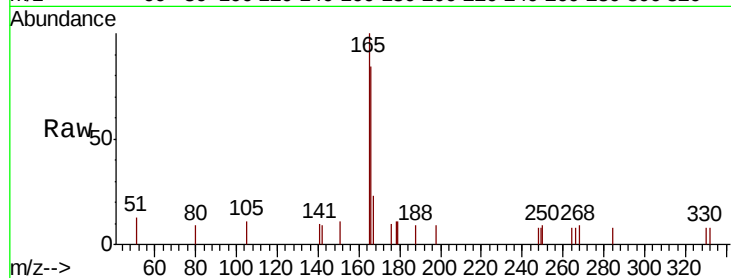




#18
Fluorene
 Concen: 0.096 ng
 RT: 15.35 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BE100245.D
 Acq: 28 Jun 2019 21:27

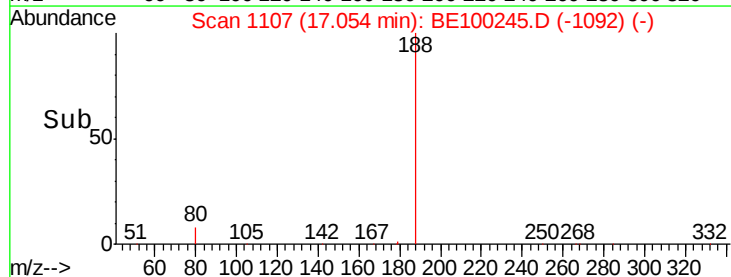
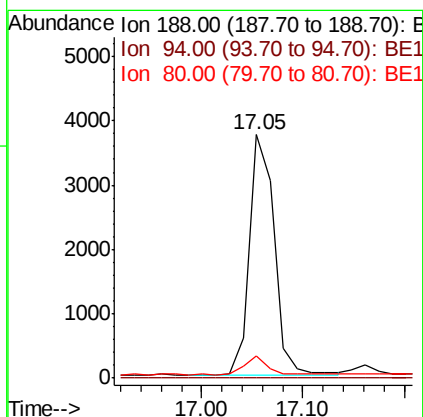
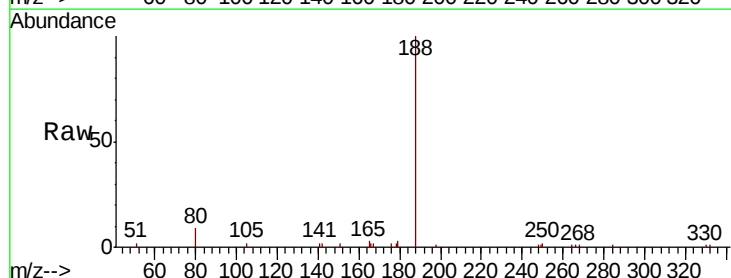
Instrument :
 BNA_E
 ClientSampleId :
 PST-029-B217-061719

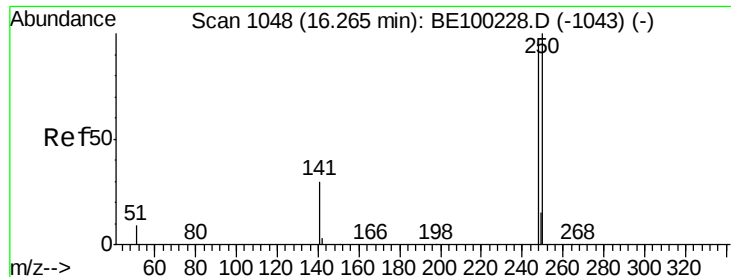
Tgt Ion:166 Resp: 852
 Ion Ratio Lower Upper
 166 100
 165 126.6 81.1 121.7#
 167 16.8 10.7 16.1#



#19
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.05 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BE100245.D
 Acq: 28 Jun 2019 21:27

Tgt Ion:188 Resp: 6377
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 9.1 7.6 11.4

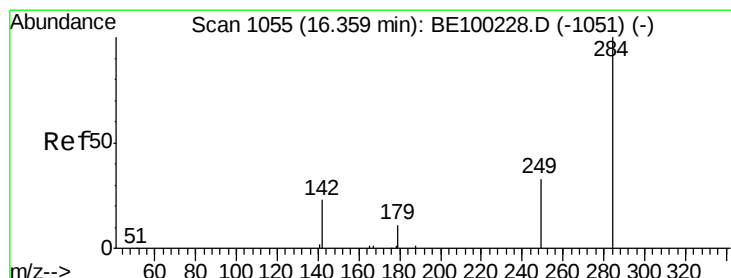
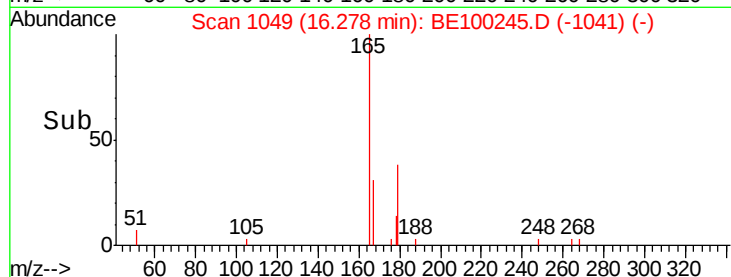
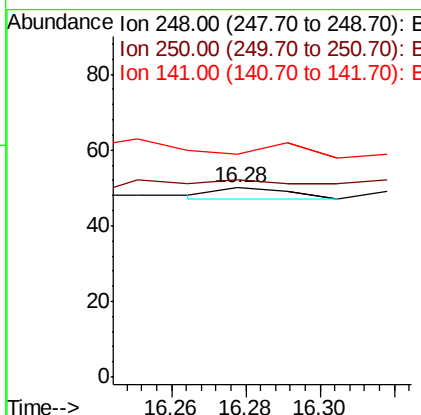
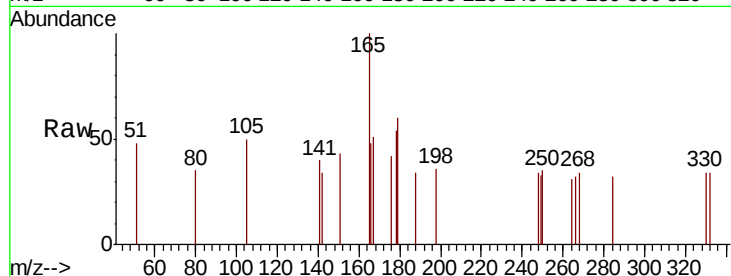




#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.28 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BE100245.D
Acq: 28 Jun 2019 21:27

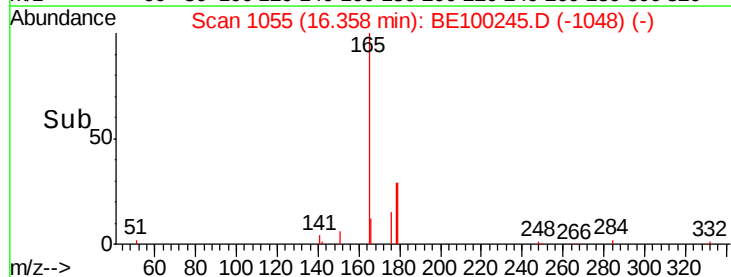
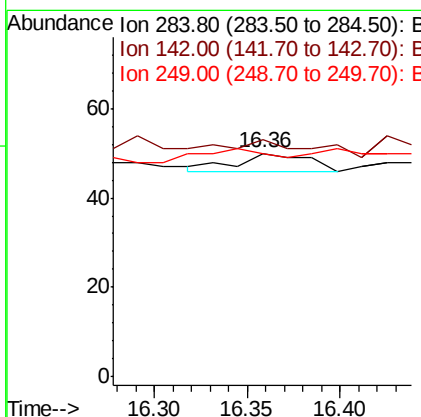
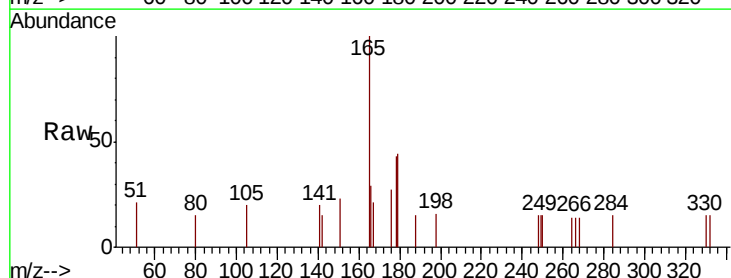
Instrument :
BNA_E
ClientSampleId :
PST-029-B217-061719

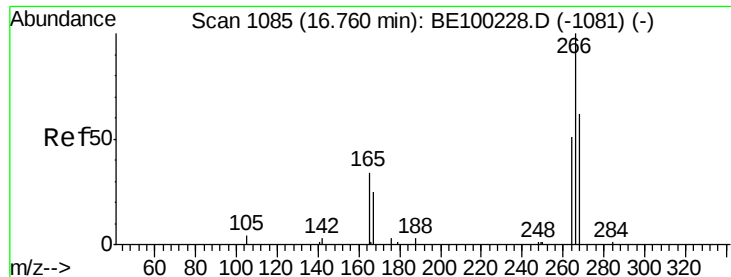
Tgt Ion:248 Resp: 4
Ion Ratio Lower Upper
248 100
250 104.0 84.2 126.4
141 118.0 29.3 43.9#



#21
Hexachlorobenzene
Concen: 0.002 ng
RT: 16.36 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BE100245.D
Acq: 28 Jun 2019 21:27

Tgt Ion:284 Resp: 10
Ion Ratio Lower Upper
284 100
142 20.0 18.8 28.2
249 80.0 23.7 35.5#





#22

Pentachlorophenol

Concen: 0.009 ng

RT: 16.77 min Scan# 1086

Delta R.T. 0.01 min

Lab File: BE100245.D

Acq: 28 Jun 2019 21:27

Instrument :

BNA_E

ClientSampleId :

PST-029-B217-061719

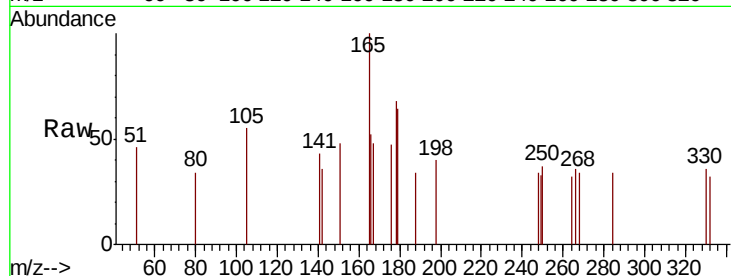
Tgt Ion: 266 Resp: 11

Ion Ratio Lower Upper

266 100

264 90.7 56.2 84.2#

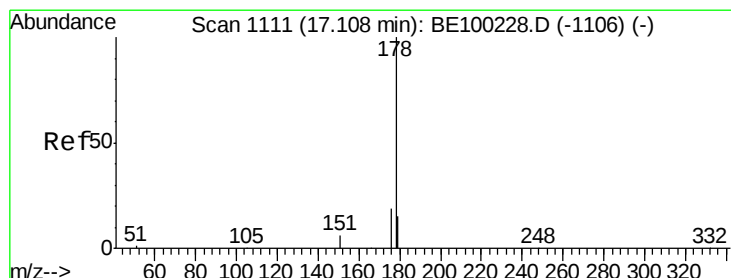
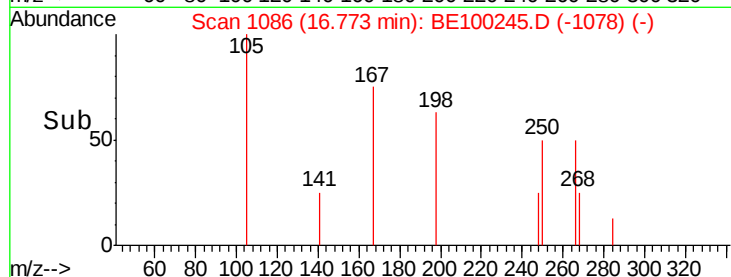
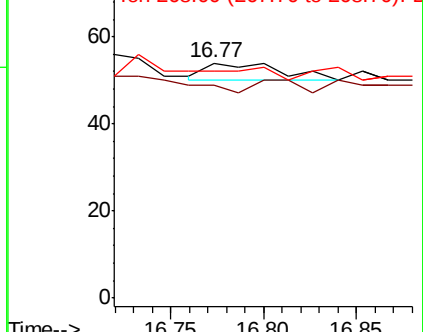
268 96.3 61.8 92.6#



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: 1.226 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100245.D

Acq: 28 Jun 2019 21:27

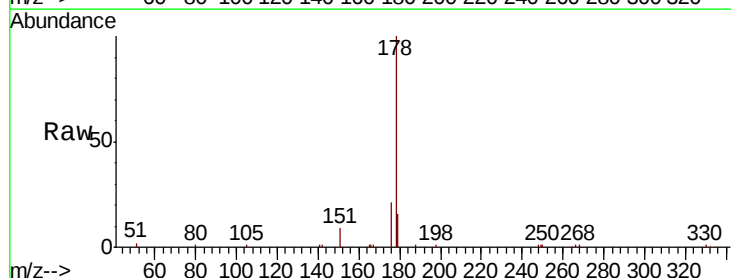
Tgt Ion: 178 Resp: 18953

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

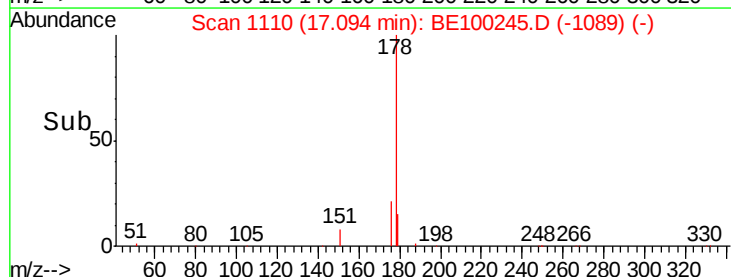
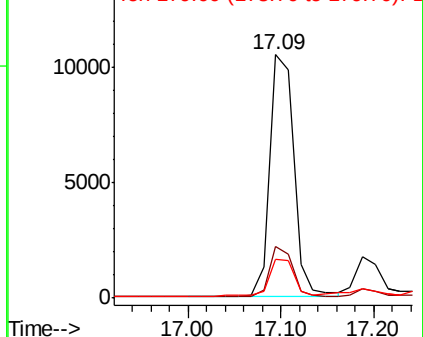
179 16.1 12.2 18.2

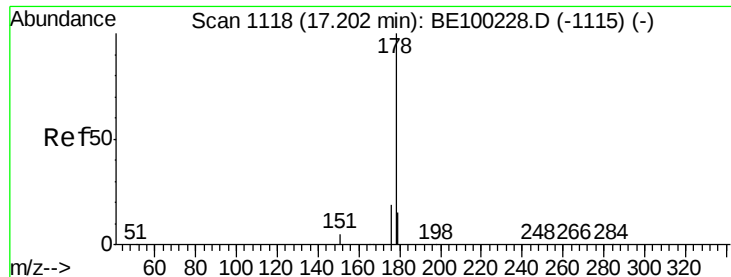


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.218 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100245.D

Acq: 28 Jun 2019 21:27

Instrument :

BNA_E

ClientSampleId :

PST-029-B217-061719

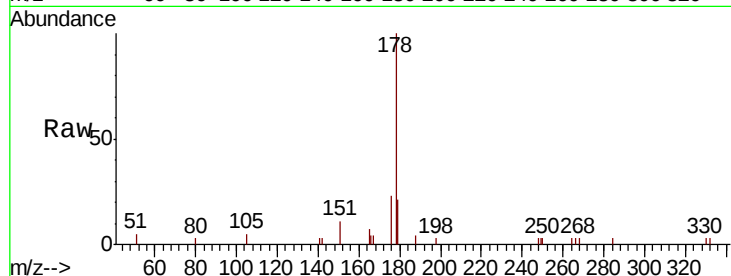
Tgt Ion:178 Resp: 3039

Ion Ratio Lower Upper

178 100

176 20.4 15.3 22.9

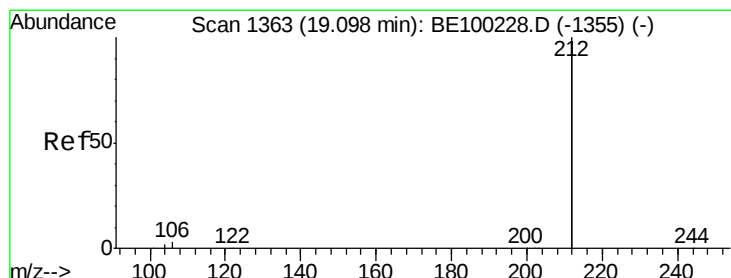
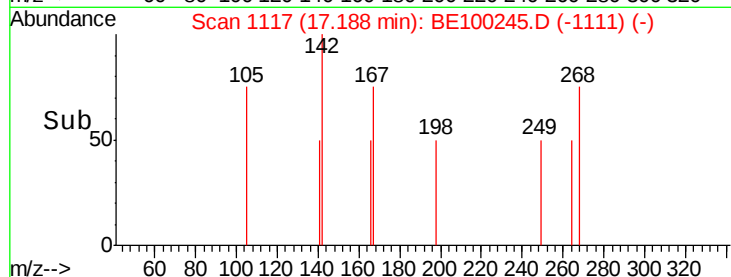
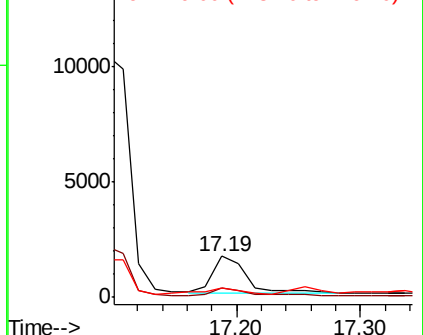
179 14.0 12.2 18.2



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



#25

Fluoranthene-d10

Concen: 0.339 ng

RT: 19.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BE100245.D

Acq: 28 Jun 2019 21:27

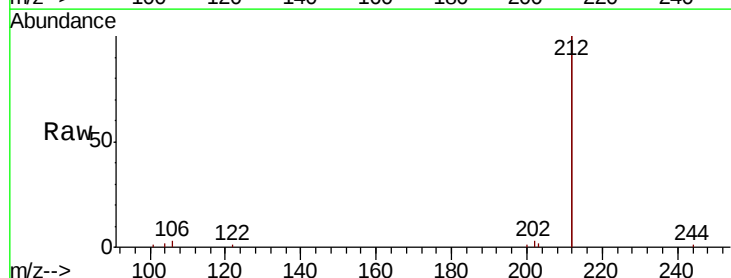
Tgt Ion:212 Resp: 31391

Ion Ratio Lower Upper

212 100

106 1.6 1.3 1.9

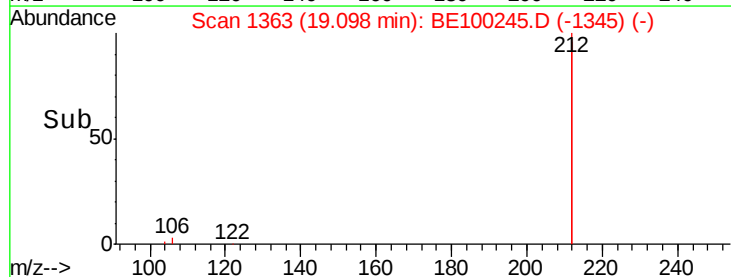
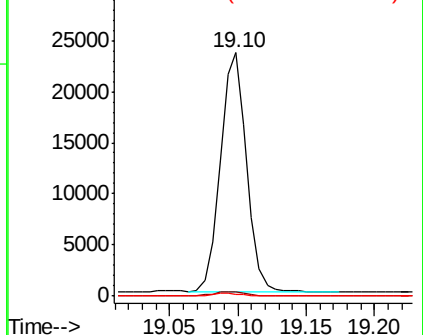
104 0.9 0.8 1.2

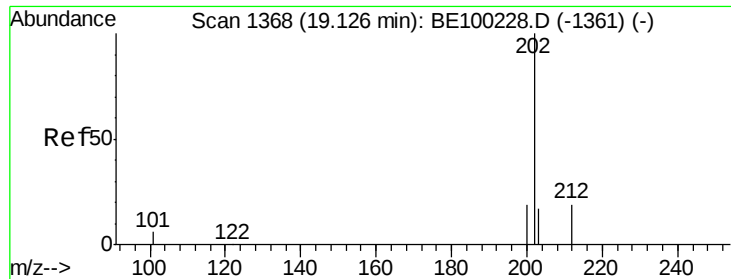


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

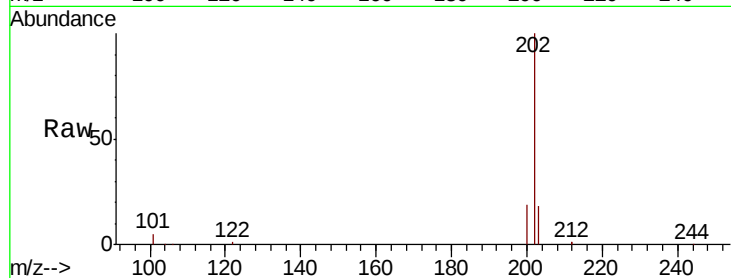




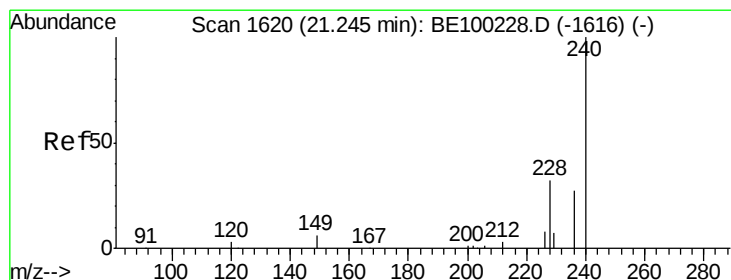
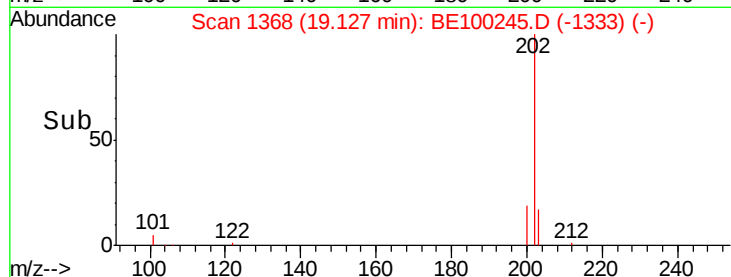
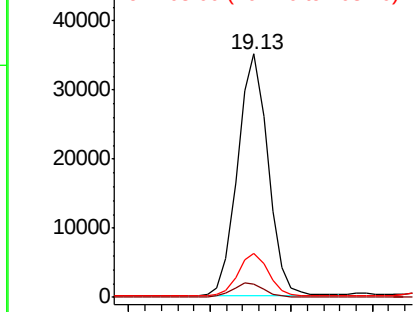
#26
Fluoranthene
Concen: 1.851 ng
RT: 19.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE100245.D
Acq: 28 Jun 2019 21:27

Instrument :
BNA_E
ClientSampleId :
PST-029-B217-061719

Tgt Ion:202 Resp: 45558
Ion Ratio Lower Upper
202 100
101 5.8 4.6 7.0
203 17.7 13.7 20.5

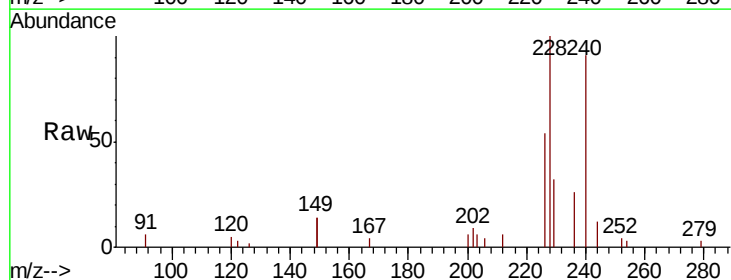


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

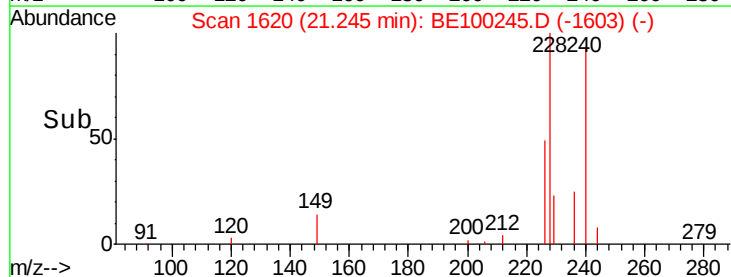
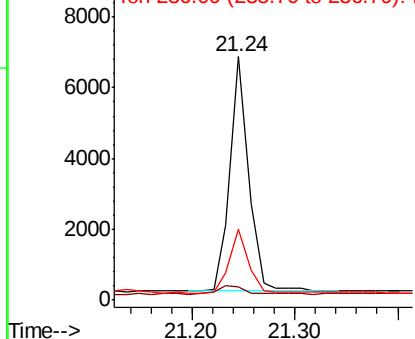


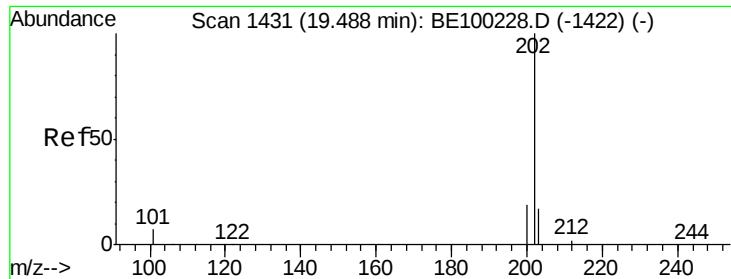
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100245.D
Acq: 28 Jun 2019 21:27

Tgt Ion:240 Resp: 8353
Ion Ratio Lower Upper
240 100
120 5.4 3.3 4.9#
236 29.0 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

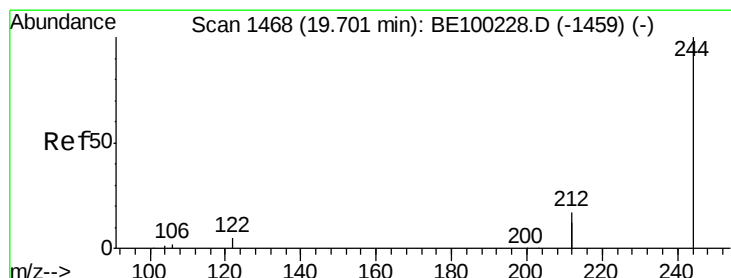
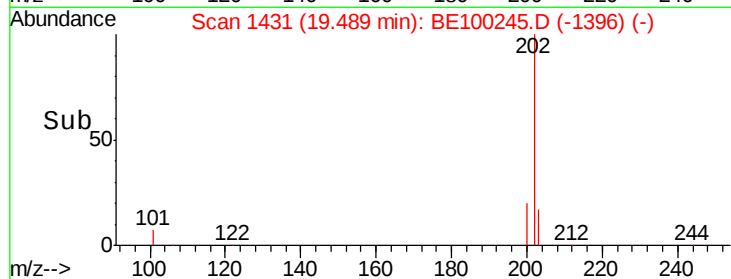
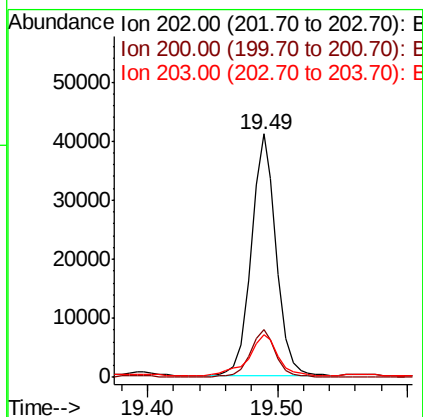
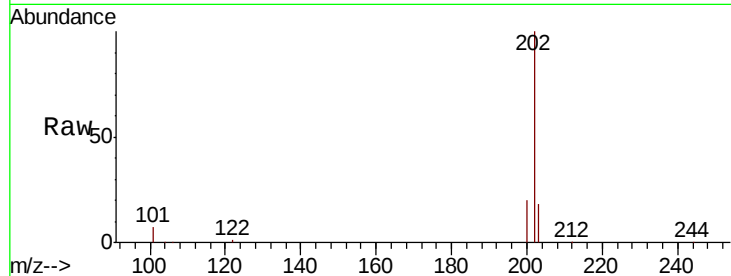




#28
Pyrene
Concen: 2.458 ng
RT: 19.49 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE100245.D
Acq: 28 Jun 2019 21:27

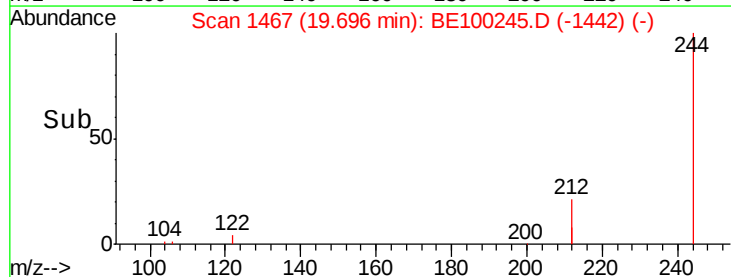
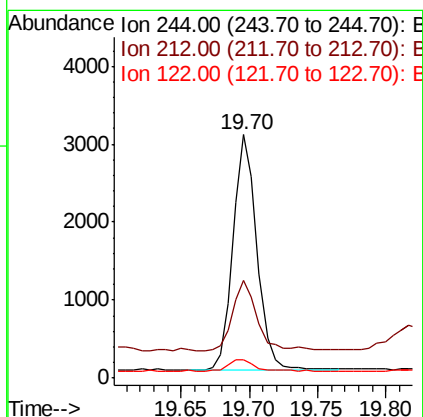
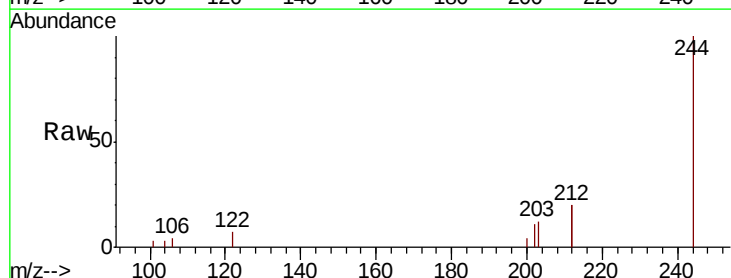
Instrument :
BNA_E
ClientSampleId :
PST-029-B217-061719

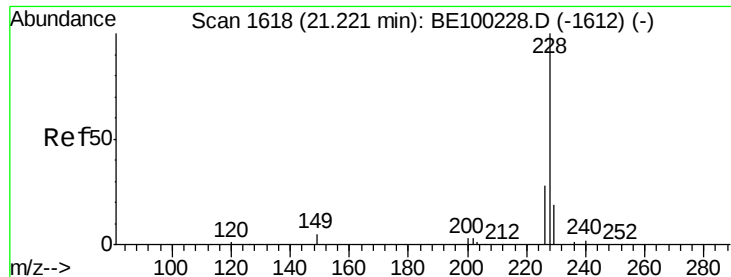
Tgt Ion:202 Resp: 54362
Ion Ratio Lower Upper
202 100
200 19.7 15.6 23.4
203 20.6 14.0 21.0



#29
Terphenyl-d14
Concen: 0.213 ng
RT: 19.70 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BE100245.D
Acq: 28 Jun 2019 21:27

Tgt Ion:244 Resp: 3696
Ion Ratio Lower Upper
244 100
212 40.1 27.3 40.9
122 7.4 4.7 7.1#





#30

Benzo(a)anthracene

Concen: 1.788 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100245.D

Acq: 28 Jun 2019 21:27

Instrument :

BNA_E

ClientSampleId :

PST-029-B217-061719

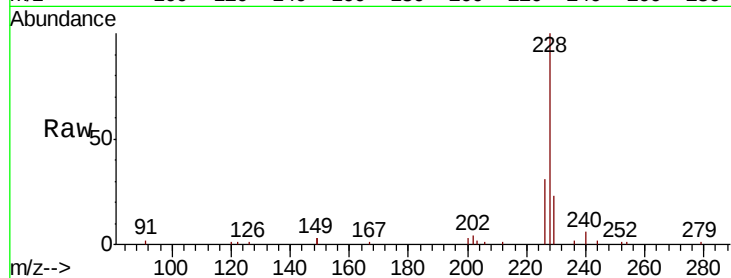
Tgt Ion:228 Resp: 49100

Ion Ratio Lower Upper

228 100

226 31.2 23.2 34.8

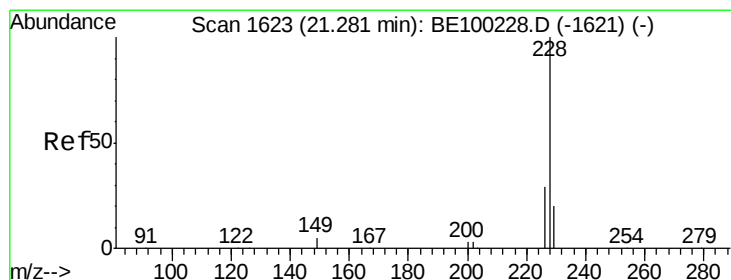
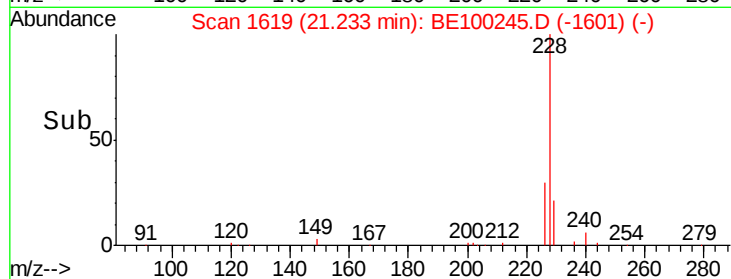
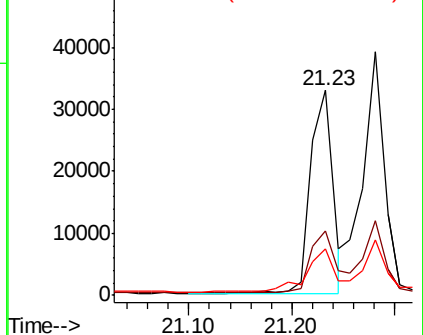
229 22.6 15.7 23.5



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: 1.823 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100245.D

Acq: 28 Jun 2019 21:27

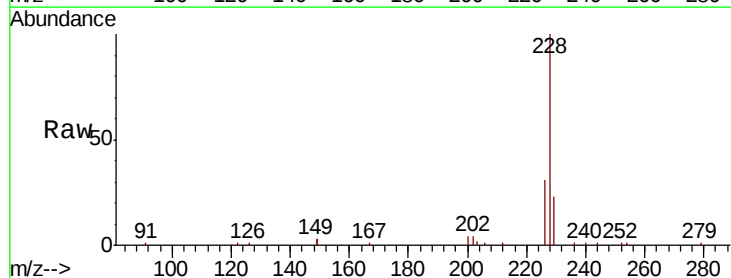
Tgt Ion:228 Resp: 50289

Ion Ratio Lower Upper

228 100

226 30.6 23.9 35.9

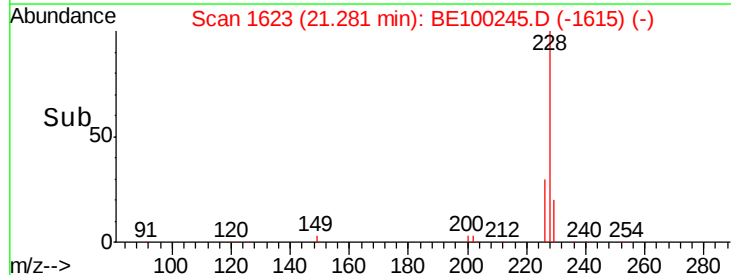
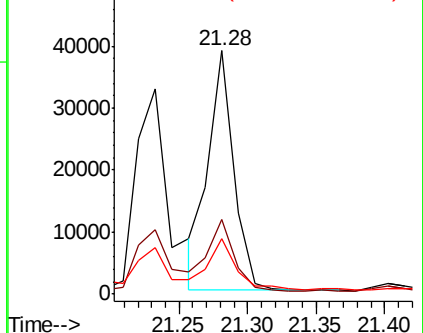
229 22.6 16.5 24.7

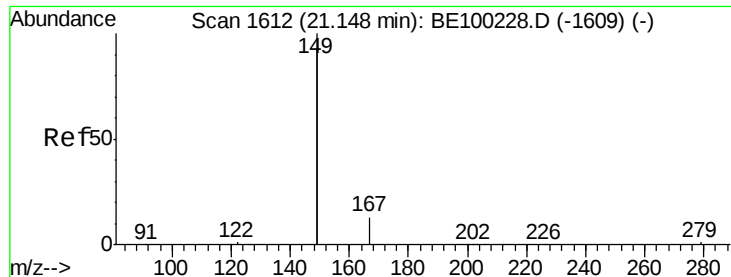


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

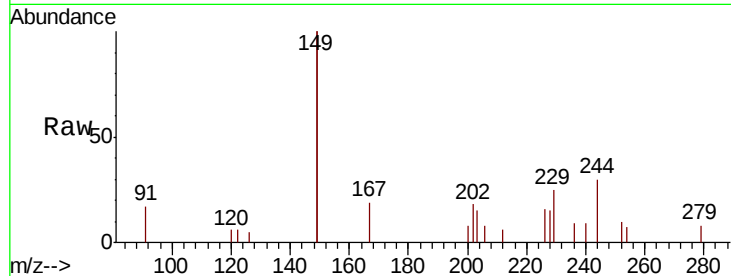




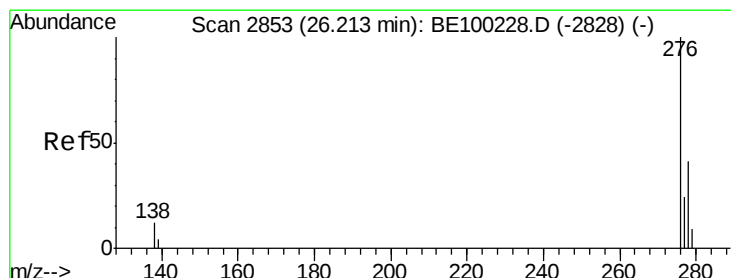
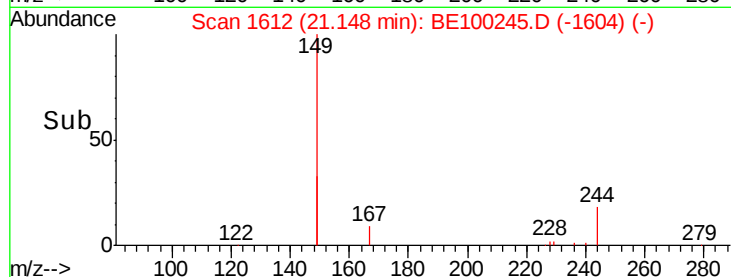
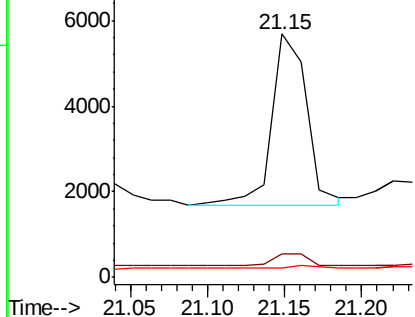
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.106 ng
 RT: 21.15 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BE100245.D
 Acq: 28 Jun 2019 21:27

Instrument :
 BNA_E
 ClientSampleId :
 PST-029-B217-061719

Tgt Ion:149 Resp: 6342
 Ion Ratio Lower Upper
 149 100
 167 7.4 5.8 8.8
 279 1.6 1.1 1.7

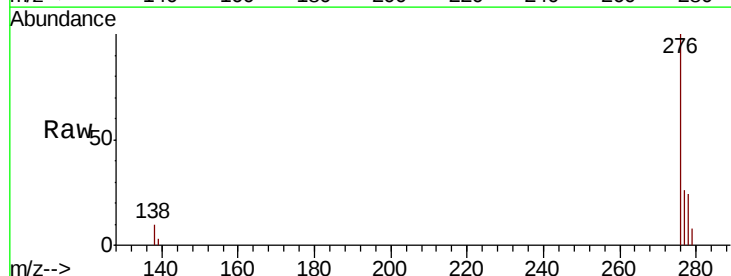


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

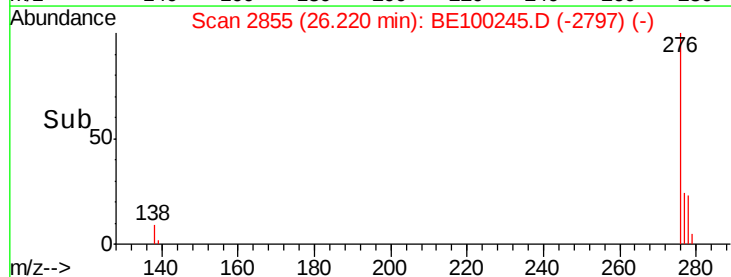
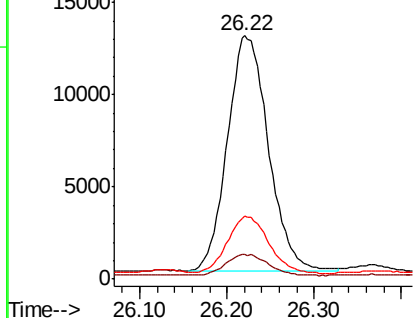


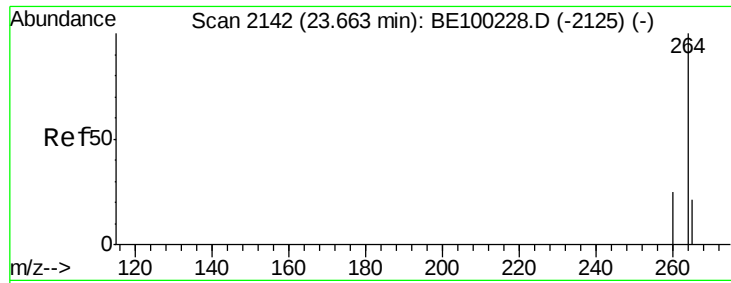
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 1.142 ng
 RT: 26.22 min Scan# 2855
 Delta R.T. 0.01 min
 Lab File: BE100245.D
 Acq: 28 Jun 2019 21:27

Tgt Ion:276 Resp: 41657
 Ion Ratio Lower Upper
 276 100
 138 9.3 9.4 14.0#
 277 24.2 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

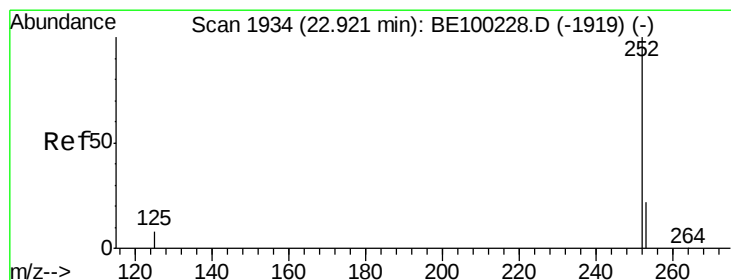
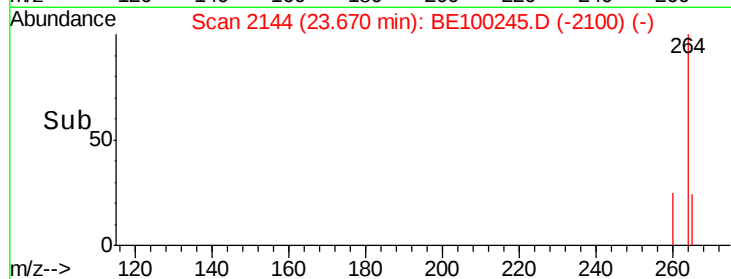
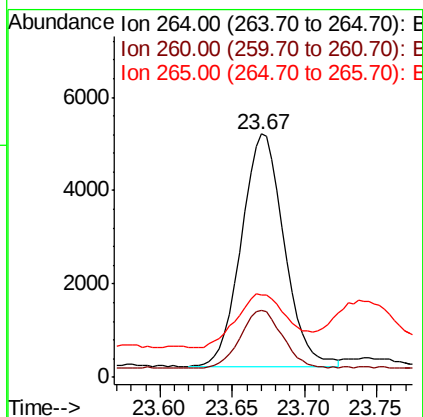
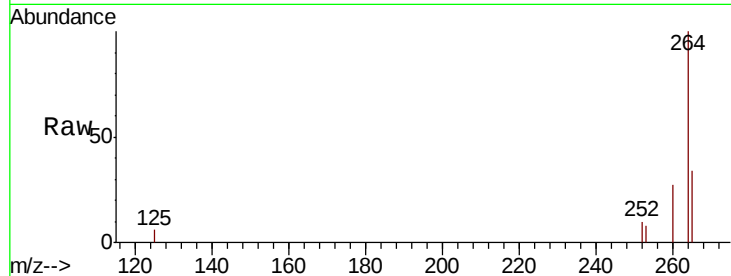




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2144
Delta R.T. 0.01 min
Lab File: BE100245.D
Acq: 28 Jun 2019 21:27

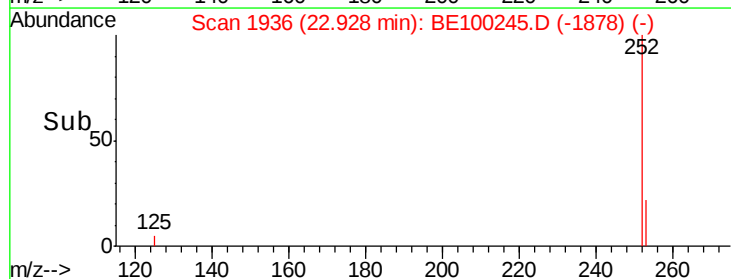
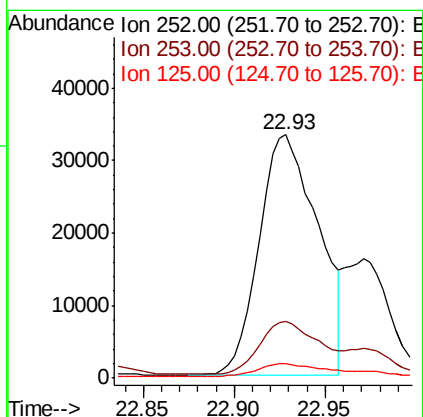
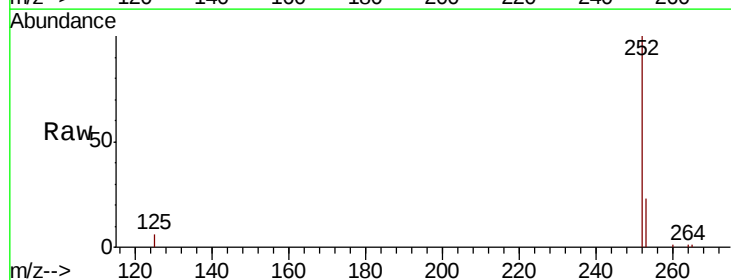
Instrument :
BNA_E
ClientSampleId :
PST-029-B217-061719

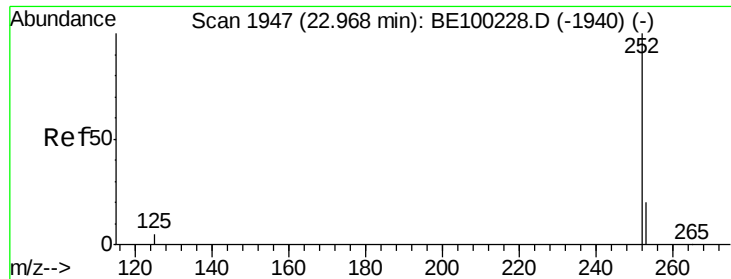
Tgt Ion: 264 Resp: 10144
Ion Ratio Lower Upper
264 100
260 27.4 20.8 31.2
265 33.9 21.8 32.6#



#35
Benzo(b)fluoranthene
Concen: 2.722 ng
RT: 22.93 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BE100245.D
Acq: 28 Jun 2019 21:27

Tgt Ion: 252 Resp: 74870
Ion Ratio Lower Upper
252 100
253 23.4 19.2 28.8
125 5.7 7.4 11.0#





#36

Benzo(k)fluoranthene

Concen: 2.439 ng

RT: 22.93 min Scan# 1936

Delta R.T. -0.04 min

Lab File: BE100245.D

Acq: 28 Jun 2019 21:27

Instrument :

BNA_E

ClientSampleId :

PST-029-B217-061719

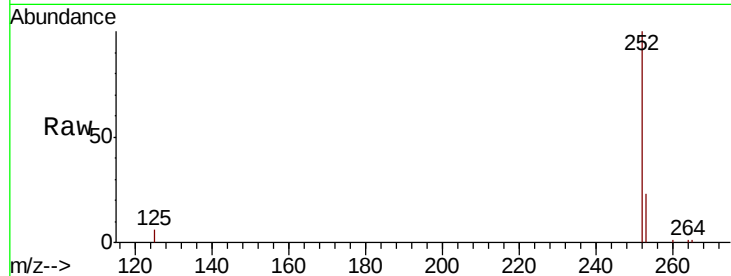
Tgt Ion:252 Resp: 74870

Ion Ratio Lower Upper

252 100

253 23.4 17.9 26.9

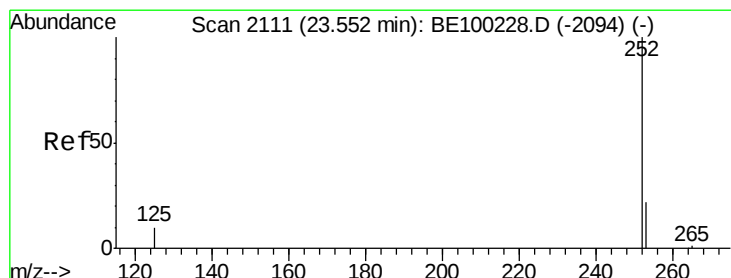
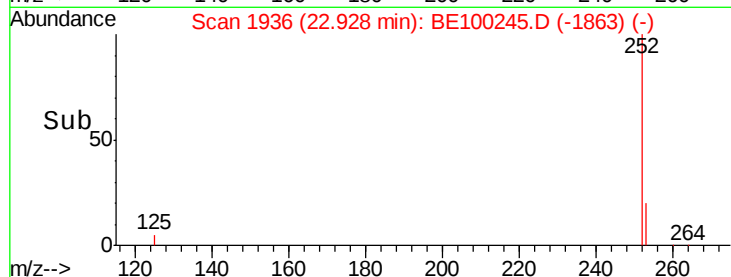
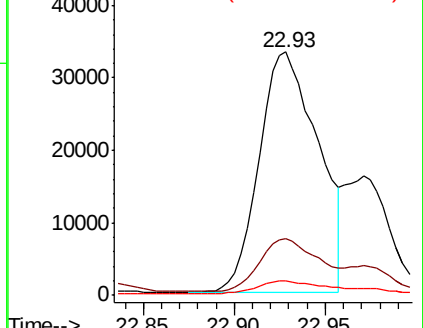
125 5.7 5.0 7.4



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: 0.414 ng

RT: 23.72 min Scan# 2158

Delta R.T. 0.17 min

Lab File: BE100245.D

Acq: 28 Jun 2019 21:27

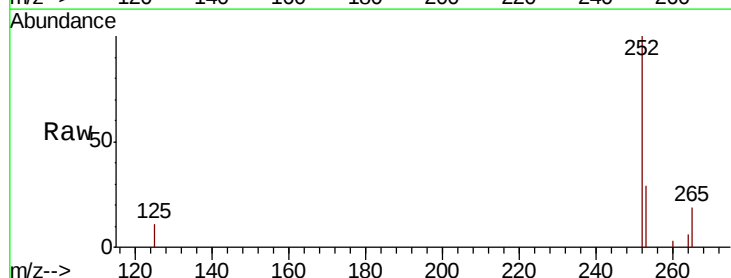
Tgt Ion:252 Resp: 11408

Ion Ratio Lower Upper

252 100

253 29.3 19.6 29.4

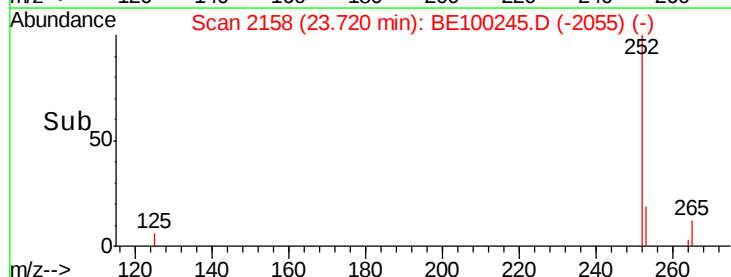
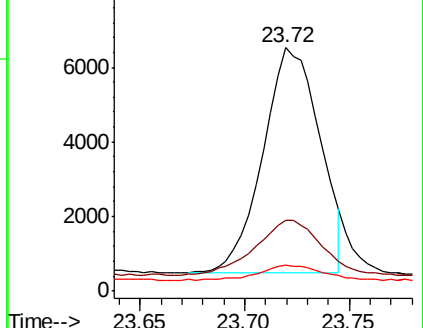
125 10.6 9.0 13.6

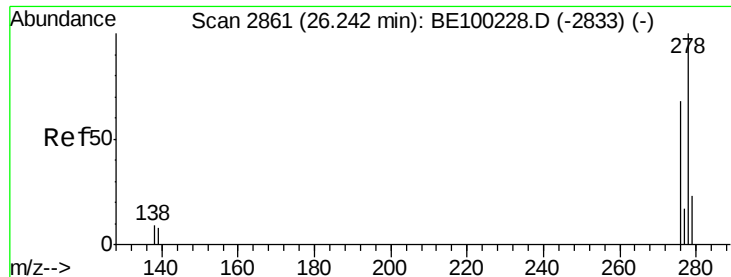


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.463 ng

RT: 26.24 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BE100245.D

Acq: 28 Jun 2019 21:27

Instrument :

BNA_E

ClientSampleId :

PST-029-B217-061719

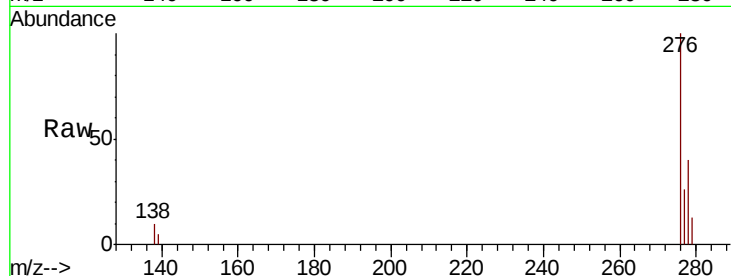
Tgt Ion:278 Resp: 13338

Ion Ratio Lower Upper

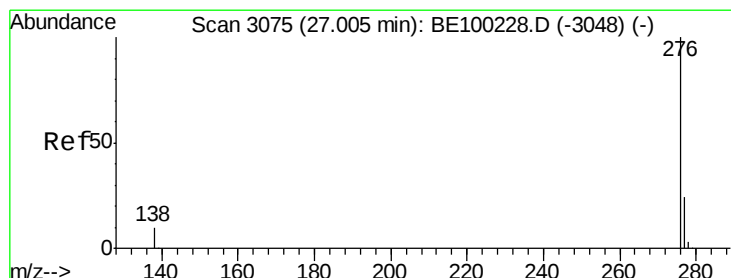
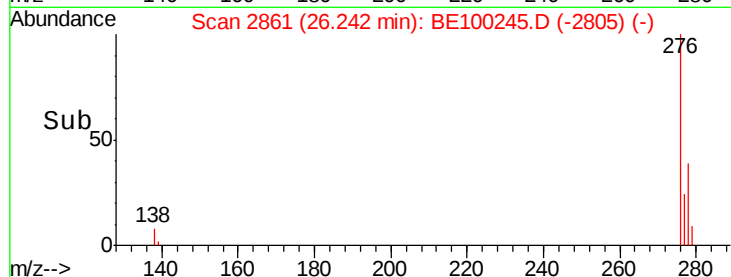
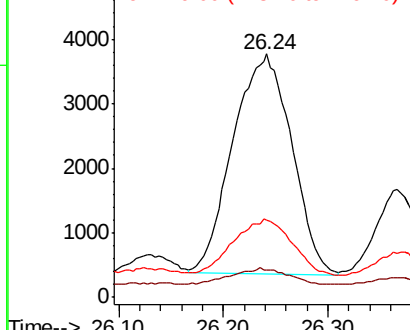
278 100

139 11.4 8.2 12.2

279 31.6 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: 1.453 ng

RT: 27.02 min Scan# 3079

Delta R.T. 0.01 min

Lab File: BE100245.D

Acq: 28 Jun 2019 21:27

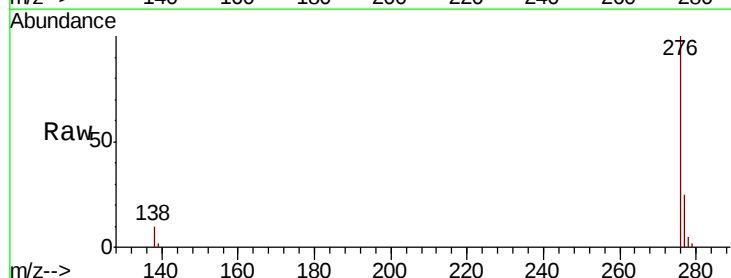
Tgt Ion:276 Resp: 42959

Ion Ratio Lower Upper

276 100

277 25.1 20.2 30.2

138 10.1 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

