

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062119\
 Data File : BE100143.D
 Acq On : 21 Jun 2019 19:18
 Operator : JU/SJ
 Sample : K3428-14
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-084-SW056-061319

Quant Time: Jun 22 02:04:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 15:07:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	538	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	2024	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	1980	0.40	ng	-0.01
19) Phenanthrene-d10	17.15	188	6653	0.40	ng	-0.01
27) Chrysene-d12	21.34	240	8380	0.40	ng	0.00
34) Perylene-d12	23.83	264	9880	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.30	112	452	0.40	ng	0.00
5) Phenol-d6	6.91	99	680	0.44	ng	-0.02
8) Nitrobenzene-d5	8.93	82	601	0.31	ng	0.01
11) 2-Methylnaphthalene-d10	12.15	152	98	0.03	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	366	0.33	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	2212	0.28	ng	-0.01
25) Fluoranthene-d10	19.19	212	1998	0.02	ng	0.00
29) Terphenyl-d14	19.79	244	5080	0.30	ng	-0.02

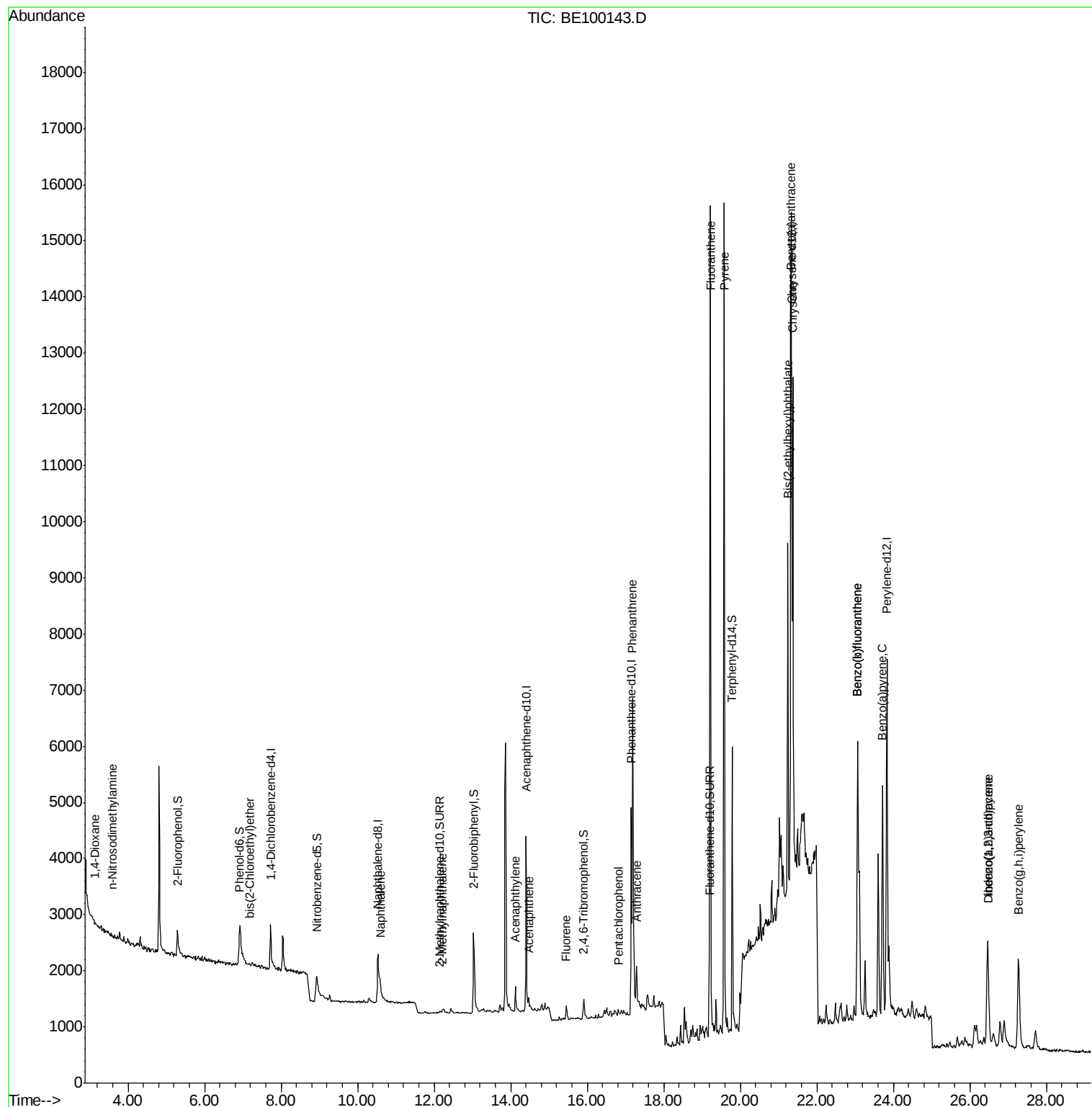
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.13	88	32	0.037	ng	# 27
3) n-Nitrosodimethylamine	3.58	42	38	0.408	ng	# 100
6) bis(2-Chloroethyl)ether	7.17	93	13	0.042	ng	# 1
9) Naphthalene	10.59	128	488	0.022	ng	# 70
12) 2-Methylnaphthalene	12.22	142	101	0.028	ng	# 81
16) Acenaphthylene	14.13	152	636	0.068	ng	99
17) Acenaphthene	14.47	154	117	0.022	ng	92
18) Fluorene	15.45	166	275	0.035	ng	# 91
22) Pentachlorophenol	16.81	266	55	0.281	ng	94
23) Phenanthrene	17.19	178	7599	0.477	ng	99
24) Anthracene	17.29	178	1193	0.089	ng	# 97
26) Fluoranthene	19.22	202	15109	0.590	ng	100
28) Pyrene	19.58	202	14661	0.681	ng	96
30) Benzo(a)anthracene	21.32	228	9655	0.387	ng	97
31) Chrysene	21.38	228	9626	0.332	ng	# 95
32) Bis(2-ethylhexyl)phthalate	21.25	149	7648	0.325	ng	100
33) Indeno(1,2,3-cd)pyrene	26.47	276	3997	0.123	ng	99
35) Benzo(b)fluoranthene	23.06	252	10065	0.347	ng	# 82
36) Benzo(k)fluoranthene	23.06	252	10065	0.305	ng	# 83
37) Benzo(a)pyrene	23.72	252	6838	0.244	ng	# 87
38) Dibenzo(a,h)anthracene	26.48	278	1184	0.041	ng	# 42
39) Benzo(g,h,i)perylene	27.27	276	4361	0.146	ng	# 92

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.73 min Scan# 422

Delta R.T. -0.01 min

Lab File: BE100143.D

Acq: 21 Jun 2019 19:18

Instrument :

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ClientSampleId :

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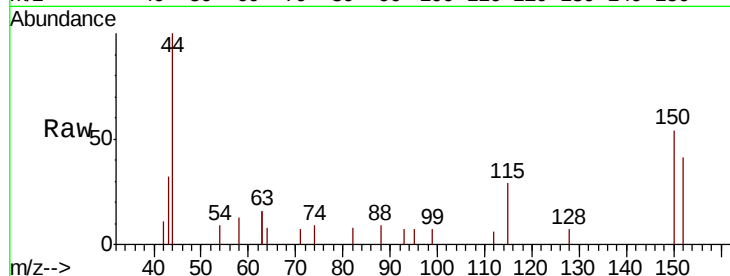
Tgt Ion: 152 Resp: 538

Ion Ratio Lower Upper

152 100

150 130.5 99.8 149.8

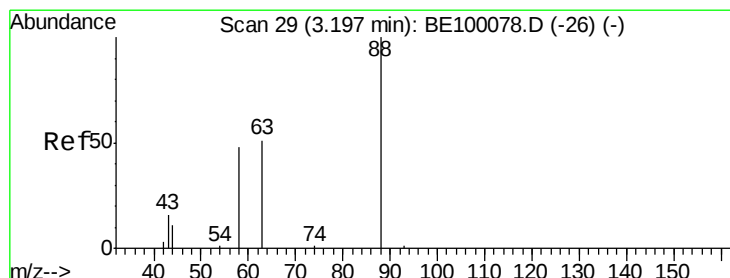
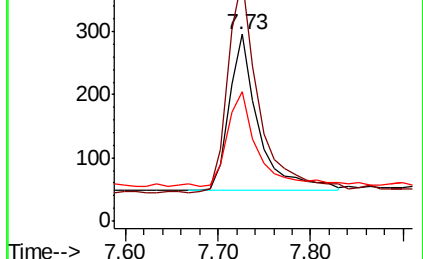
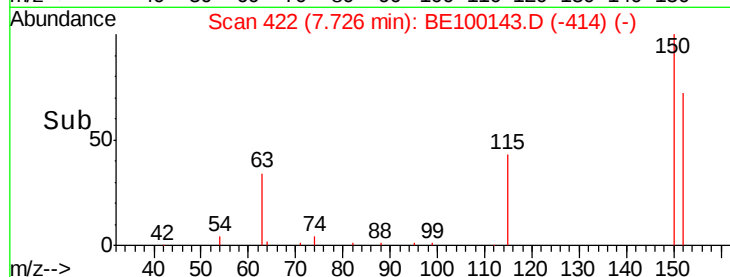
115 69.2 51.3 76.9



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: 0.037 ng

RT: 3.13 min Scan# 23

Delta R.T. -0.07 min

Lab File: BE100143.D

Acq: 21 Jun 2019 19:18

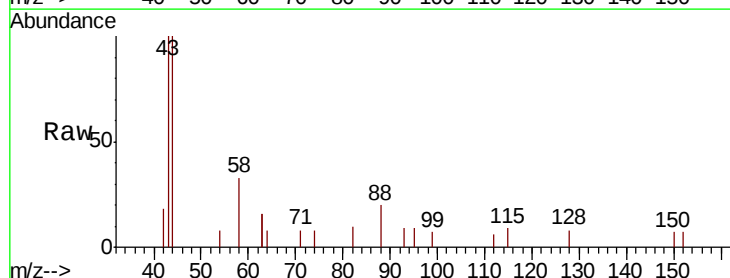
Tgt Ion: 88 Resp: 32

Ion Ratio Lower Upper

88 100

58 0.0 51.1 76.7#

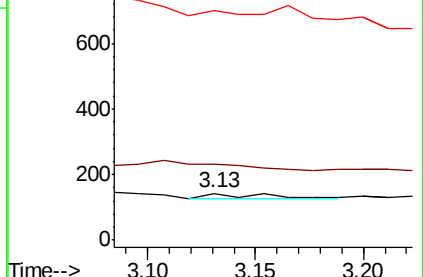
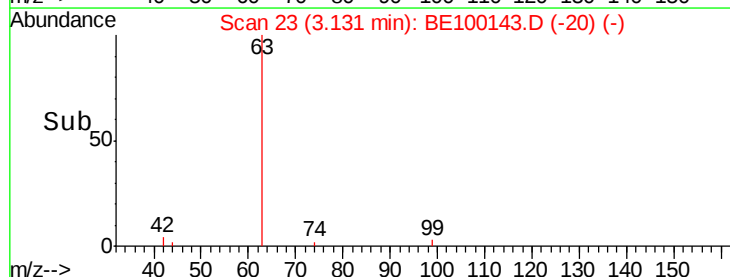
43 0.0 21.7 32.5#



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: 0.408 ng

RT: 3.58 min Scan# 62

Delta R.T. -0.02 min

Lab File: BE100143.D

Acq: 21 Jun 2019 19:18

Instrument :

BNA_E

ClientSampleId :

PST-084-SW056-061319

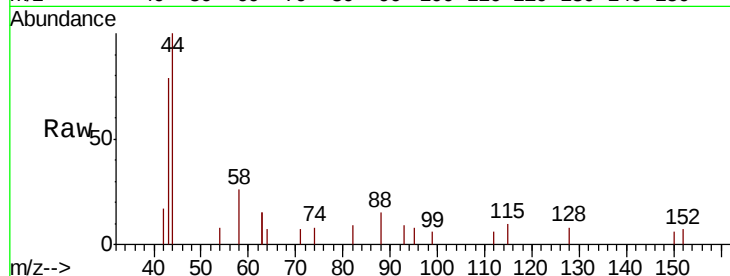
Tgt Ion: 42 Resp: 38

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

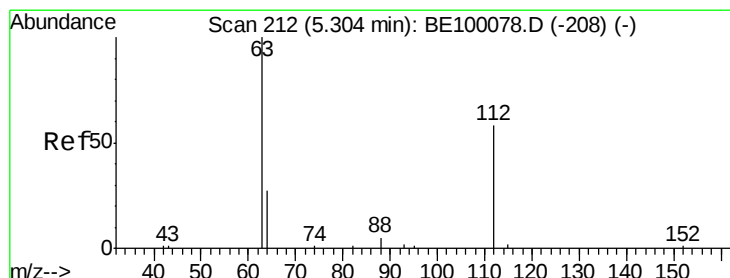
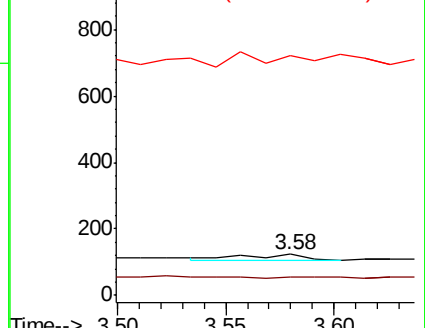
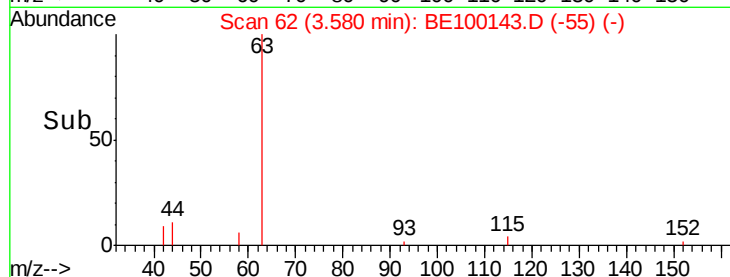
44 0.0 0.0 0.0



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: 0.405 ng

RT: 5.30 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE100143.D

Acq: 21 Jun 2019 19:18

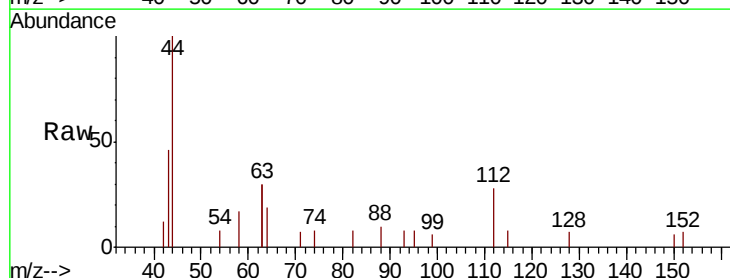
Tgt Ion: 112 Resp: 452

Ion Ratio Lower Upper

112 100

64 62.2 22.0 33.0#

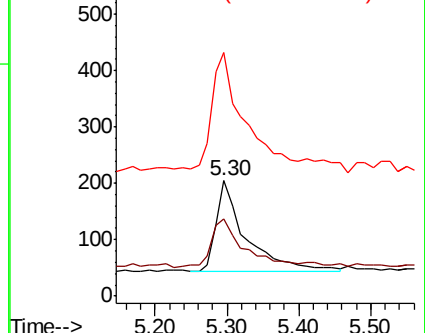
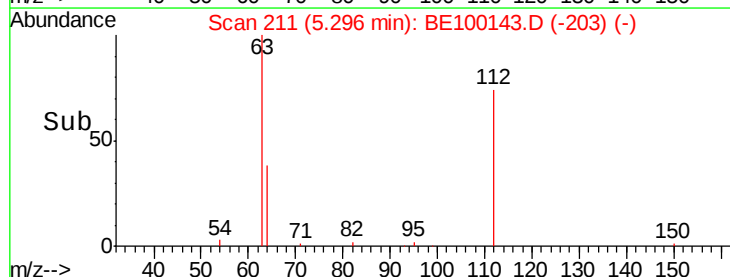
63 136.3 121.8 182.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.444 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.02 min

Lab File: BE100143.D

Acq: 21 Jun 2019 19:18

Instrument :

BNA_E

ClientSampleId :

PST-084-SW056-061319

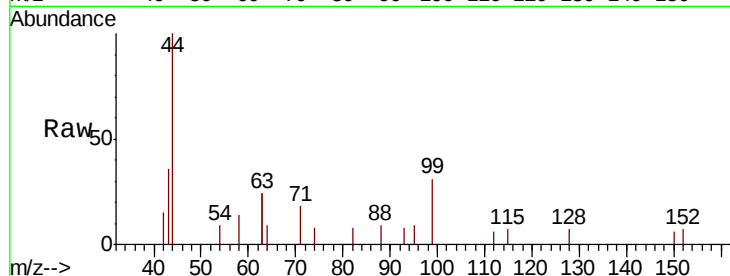
Tgt Ion: 99 Resp: 680

Ion Ratio Lower Upper

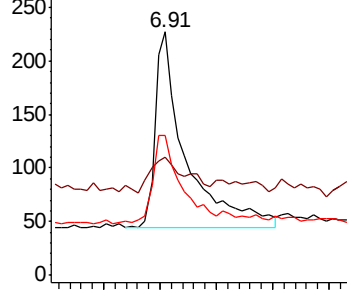
99 100

42 20.9 0.0 0.0#

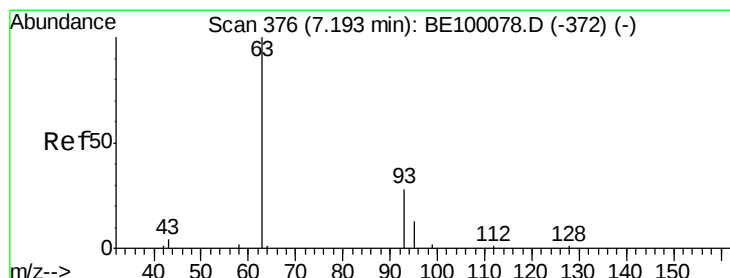
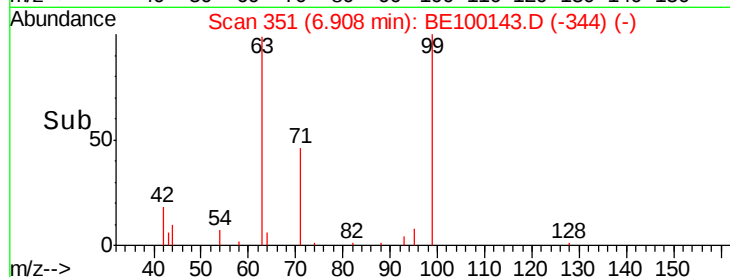
71 40.6 37.6 56.4



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

bis(2-Chloroethyl)ether

Concen: 0.042 ng

RT: 7.17 min Scan# 374

Delta R.T. -0.02 min

Lab File: BE100143.D

Acq: 21 Jun 2019 19:18

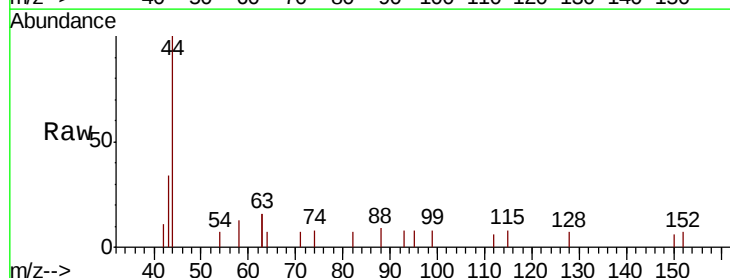
Tgt Ion: 93 Resp: 13

Ion Ratio Lower Upper

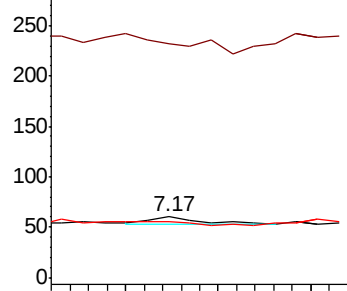
93 100

63 0.0 200.0 300.0#

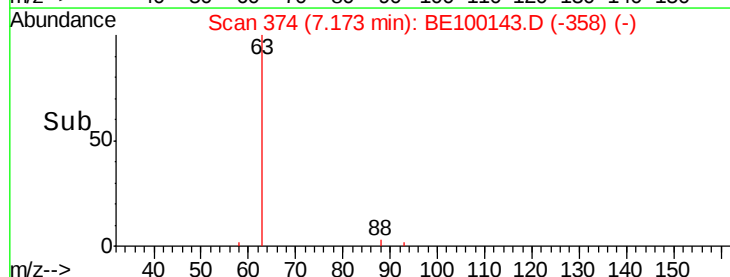
95 0.0 24.0 36.0#



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: 10.54 min Scan# 644

Delta R.T. 0.00 min

Lab File: BE100143.D

Acq: 21 Jun 2019 19:18

Instrument :

BNA_E

ClientSampleId :

PST-084-SW056-061319

Tgt Ion:136 Resp: 2024

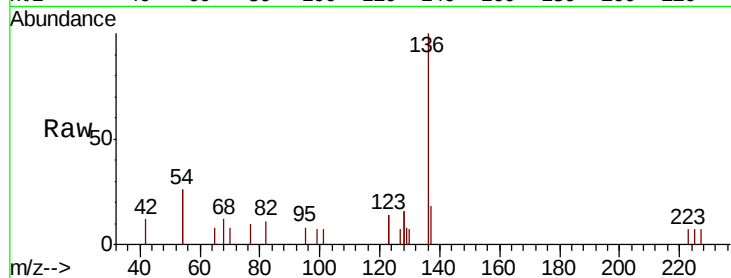
Ion Ratio Lower Upper

136 100

137 17.6 11.6 17.4#

54 51.5 33.9 50.9#

68 12.3 7.8 11.8#

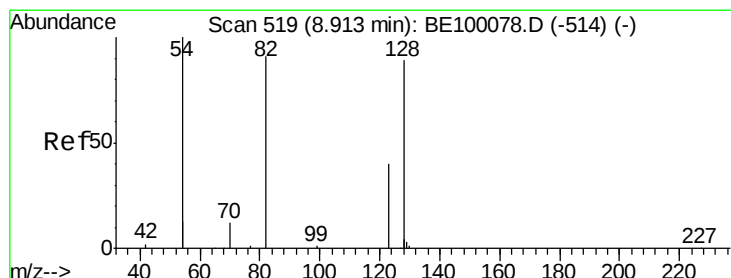
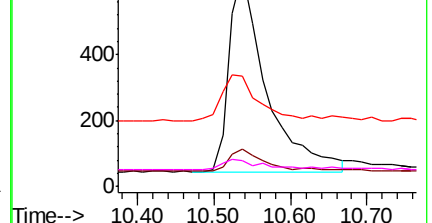
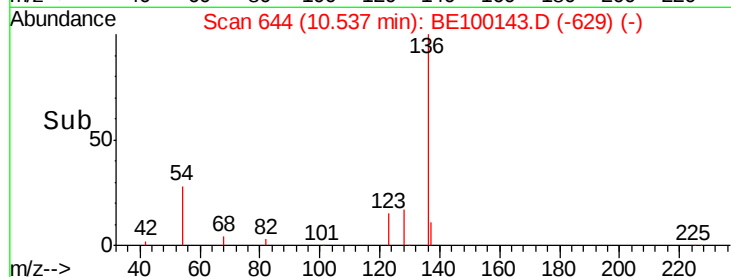


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.306 ng

RT: 8.93 min Scan# 520

Delta R.T. 0.01 min

Lab File: BE100143.D

Acq: 21 Jun 2019 19:18

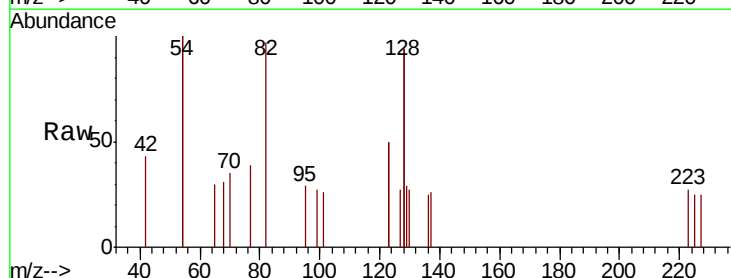
Tgt Ion: 82 Resp: 601

Ion Ratio Lower Upper

82 100

128 194.3 128.0 192.0#

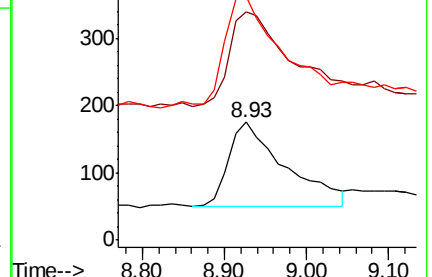
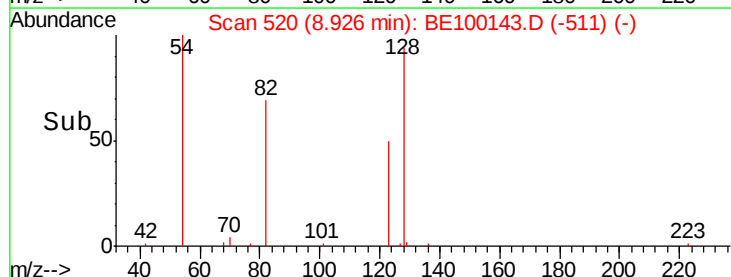
54 206.9 143.4 215.0

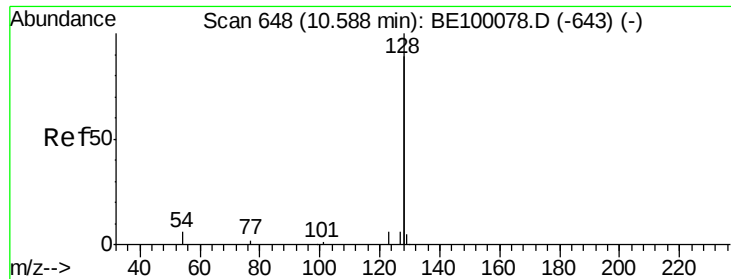


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

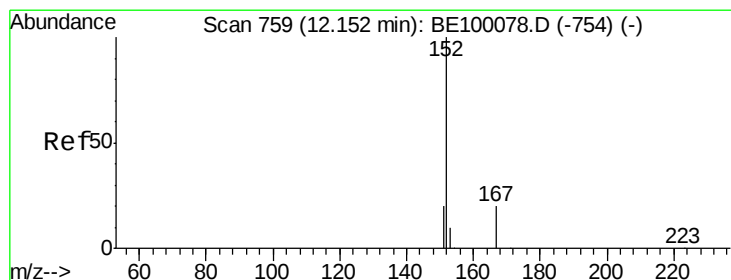
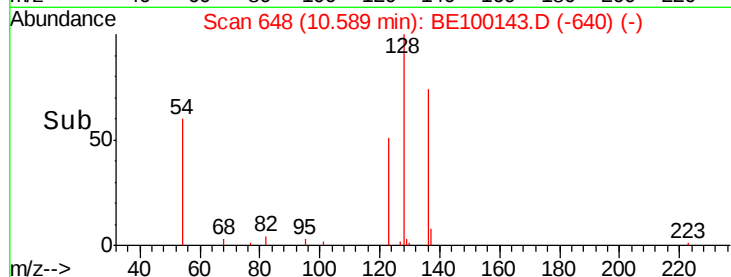
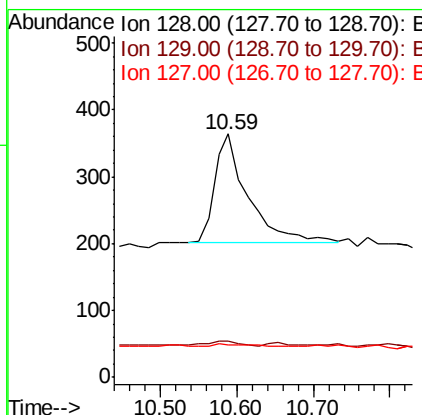
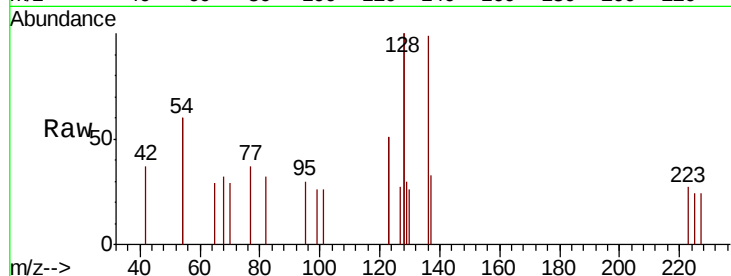




#9
Naphthalene
Concen: 0.022 ng
RT: 10.59 min Scan# 648
Delta R.T. 0.00 min
Lab File: BE100143.D
Acq: 21 Jun 2019 19:18

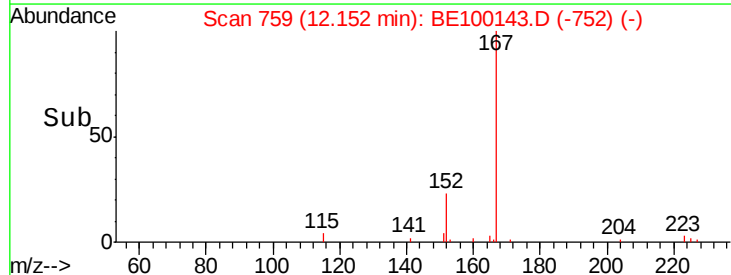
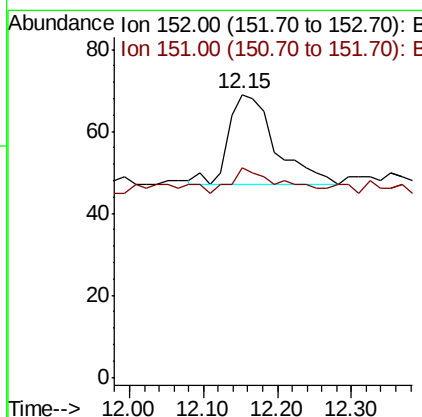
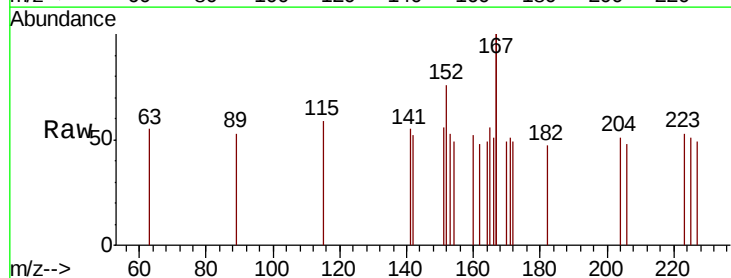
Instrument :
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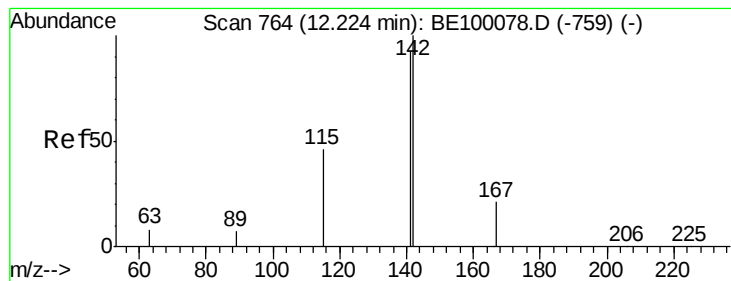
Tgt Ion:128 Resp: 488
Ion Ratio Lower Upper
128 100
129 14.8 3.1 4.7#
127 13.5 3.4 5.2#



#11
2-Methylnaphthalene-d10
Concen: 0.025 ng
RT: 12.15 min Scan# 759
Delta R.T. 0.00 min
Lab File: BE100143.D
Acq: 21 Jun 2019 19:18

Tgt Ion:152 Resp: 98
Ion Ratio Lower Upper
152 100
151 25.5 16.3 24.5#





#12

2-Methylnaphthalene

Concen: 0.028 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE100143.D

Acq: 21 Jun 2019 19:18

Instrument :

BNA_E

ClientSampleId :

PST-084-SW056-061319

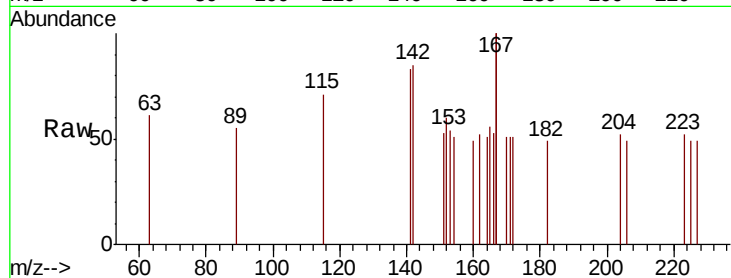
Tgt Ion:142 Resp: 101

Ion Ratio Lower Upper

142 100

141 97.4 74.1 111.1

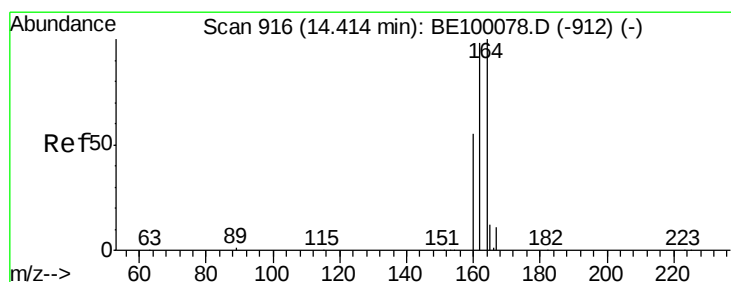
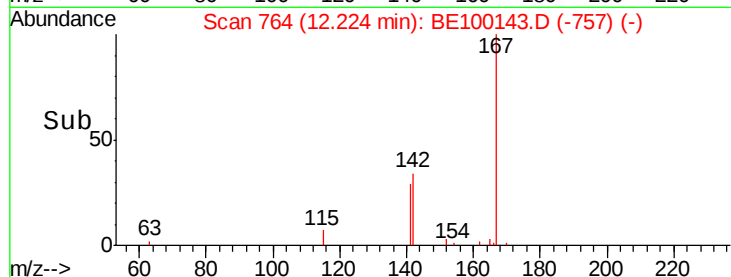
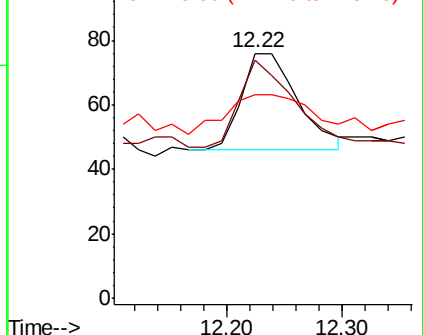
115 82.9 40.9 61.3#



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: 14.40 min Scan# 915

Delta R.T. -0.01 min

Lab File: BE100143.D

Acq: 21 Jun 2019 19:18

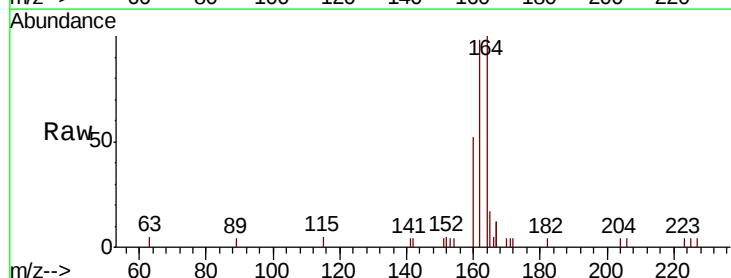
Tgt Ion:164 Resp: 1980

Ion Ratio Lower Upper

164 100

162 98.1 78.2 117.2

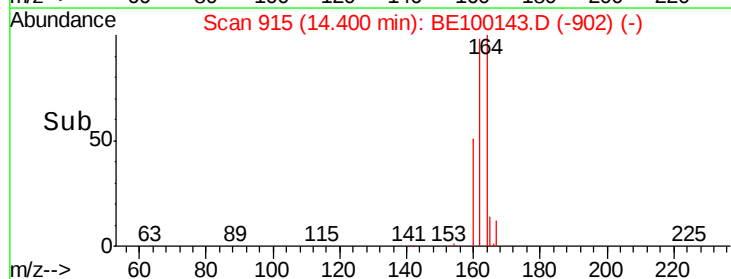
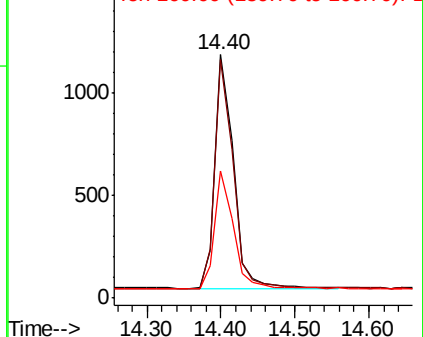
160 52.4 45.6 68.4

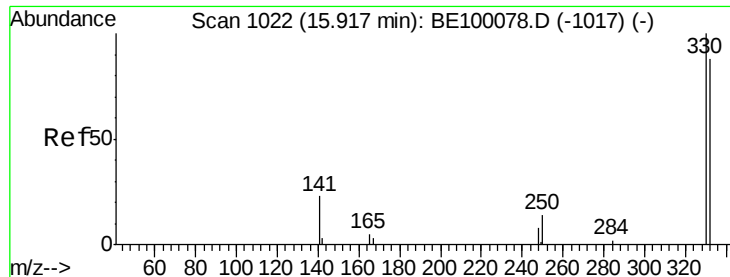


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

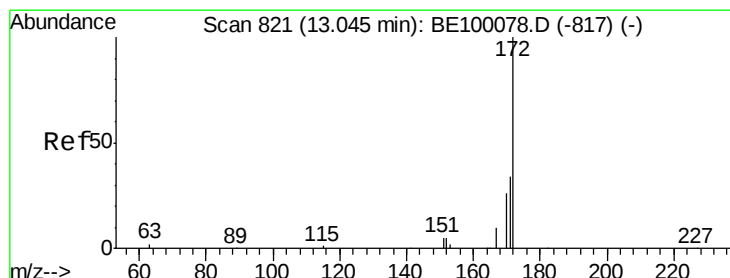
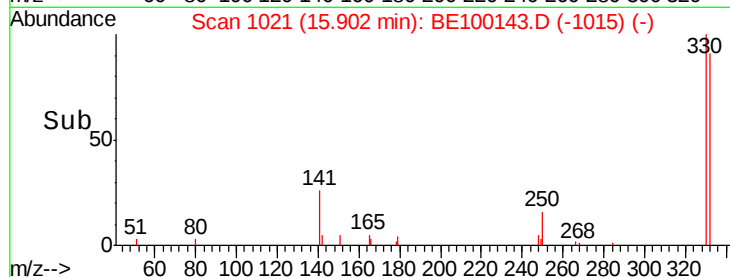
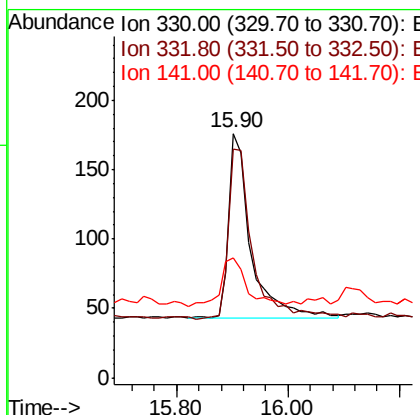
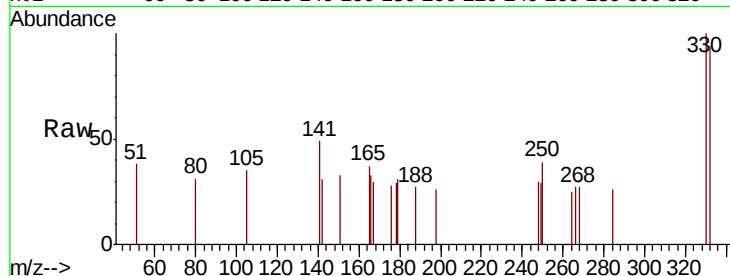




#14
 2,4,6-Tribromophenol
 Concen: 0.335 ng
 RT: 15.90 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BE100143.D
 Acq: 21 Jun 2019 19:18

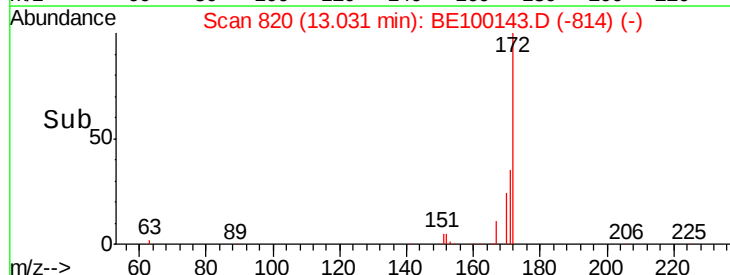
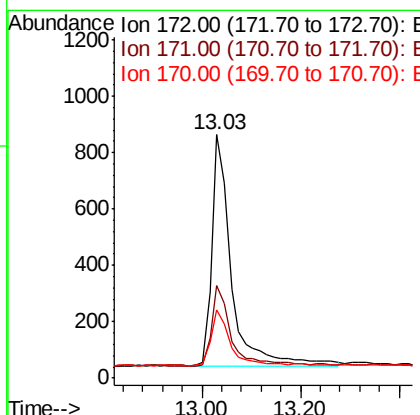
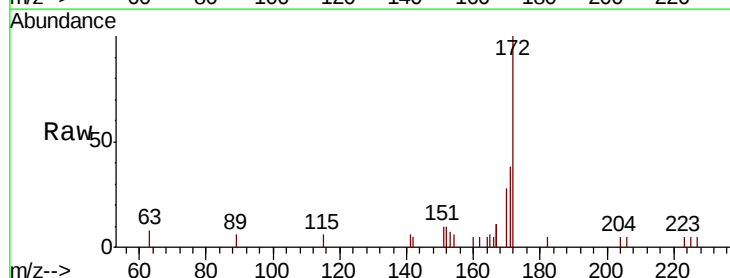
Instrument :
 BNA_E
 ClientSampleId :
 PST-084-SW056-061319

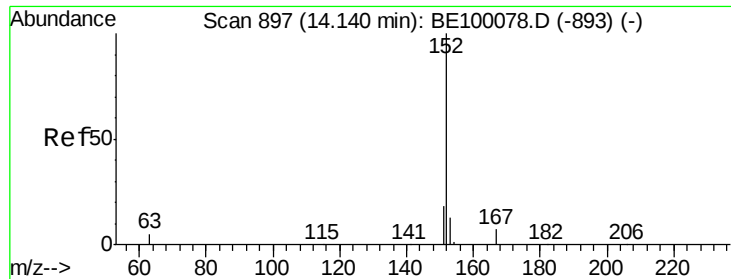
Tgt Ion: 330 Resp: 366
 Ion Ratio Lower Upper
 330 100
 332 103.3 73.3 109.9
 141 32.8 22.2 33.2



#15
 2-Fluorobiphenyl
 Concen: 0.284 ng
 RT: 13.03 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BE100143.D
 Acq: 21 Jun 2019 19:18

Tgt Ion: 172 Resp: 2212
 Ion Ratio Lower Upper
 172 100
 171 38.2 29.8 44.8
 170 28.2 23.2 34.8

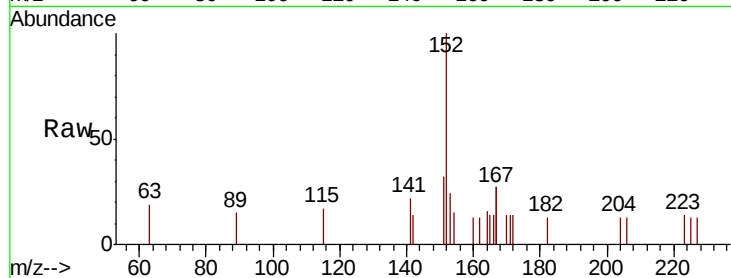




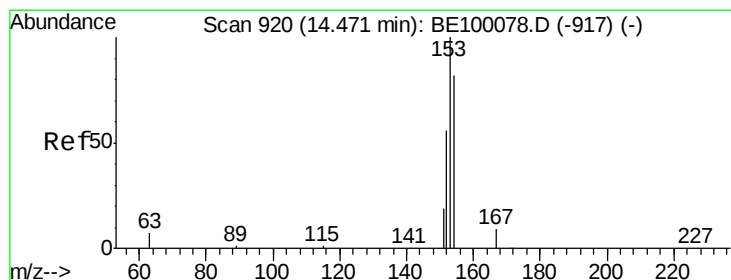
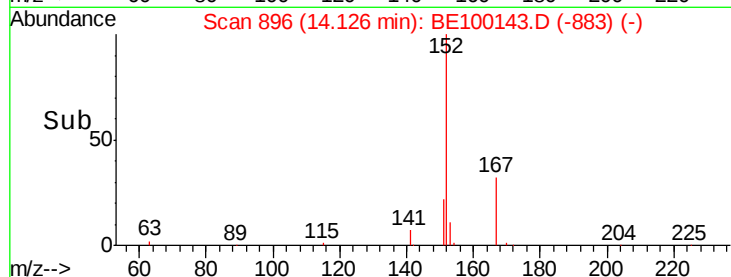
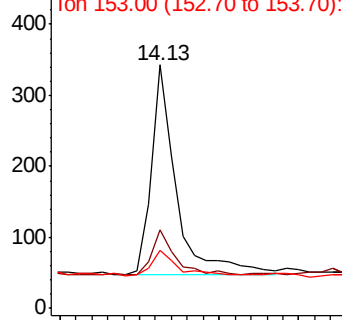
#16
Acenaphthylene
Concen: 0.068 ng
RT: 14.13 min Scan# 896
Delta R.T. -0.01 min
Lab File: BE100143.D
Acq: 21 Jun 2019 19:18

Instrument :
BNA_E
ClientSampleId :
PST-084-SW056-061319

Tgt Ion:152 Resp: 636
Ion Ratio Lower Upper
152 100
151 19.3 15.9 23.9
153 12.9 10.1 15.1

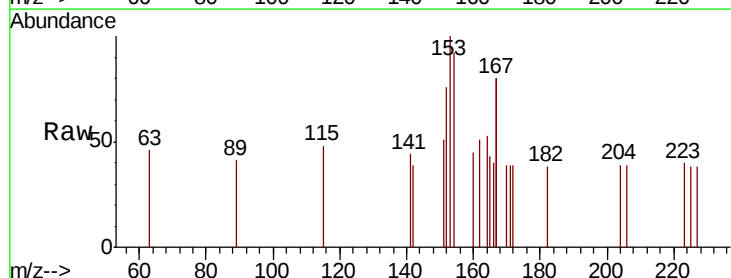


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

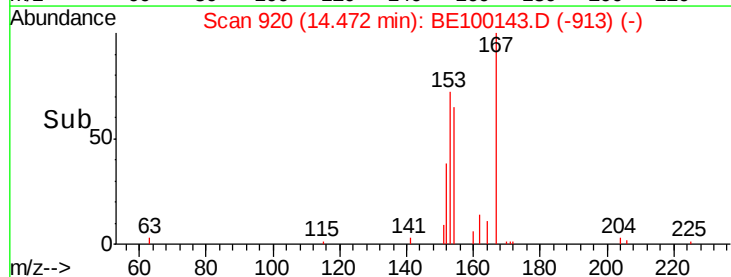
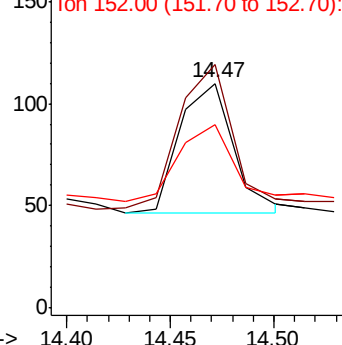


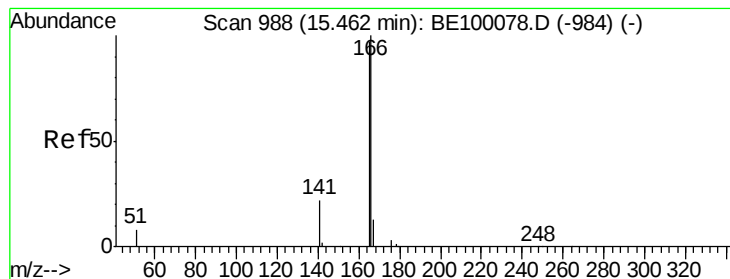
#17
Acenaphthene
Concen: 0.022 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100143.D
Acq: 21 Jun 2019 19:18

Tgt Ion:154 Resp: 117
Ion Ratio Lower Upper
154 100
153 112.0 95.5 143.3
152 59.8 54.9 82.3



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: 0.035 ng

RT: 15.45 min Scan# 987

Delta R.T. -0.01 min

Lab File: BE100143.D

Acq: 21 Jun 2019 19:18

Instrument :

BNA_E

ClientSampleId :

PST-084-SW056-061319

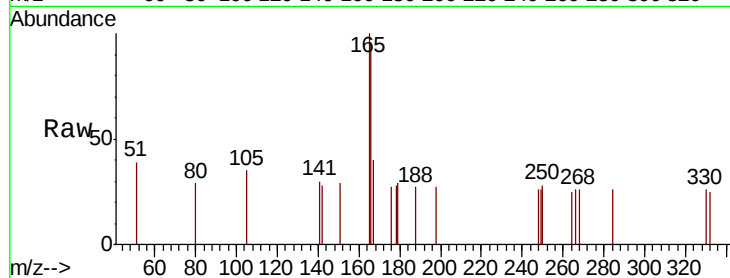
Tgt Ion:166 Resp: 275

Ion Ratio Lower Upper

166 100

165 106.2 79.8 119.8

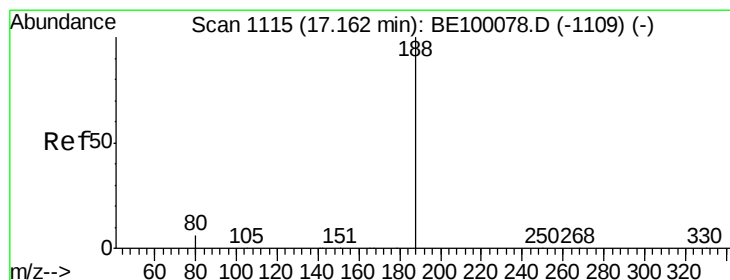
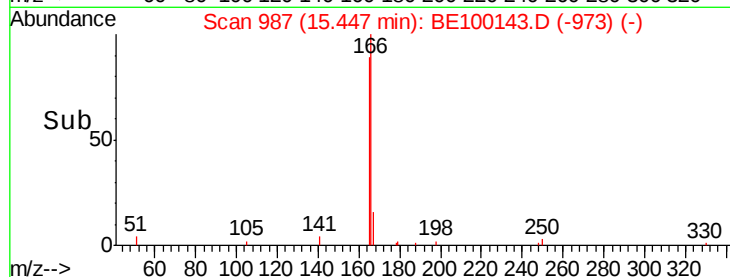
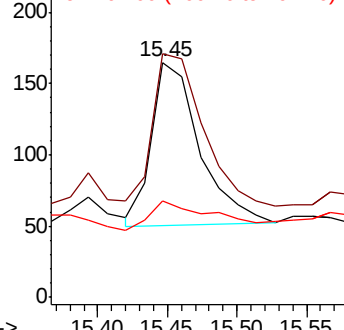
167 23.6 10.2 15.4#



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: 17.15 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE100143.D

Acq: 21 Jun 2019 19:18

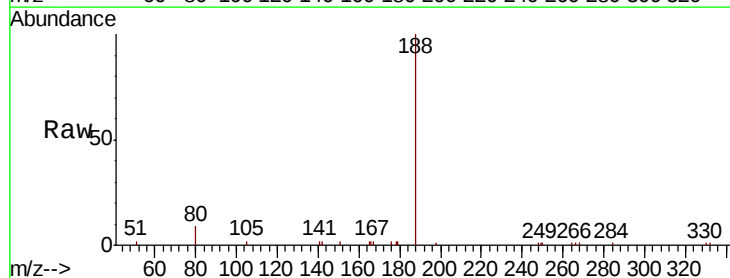
Tgt Ion:188 Resp: 6653

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

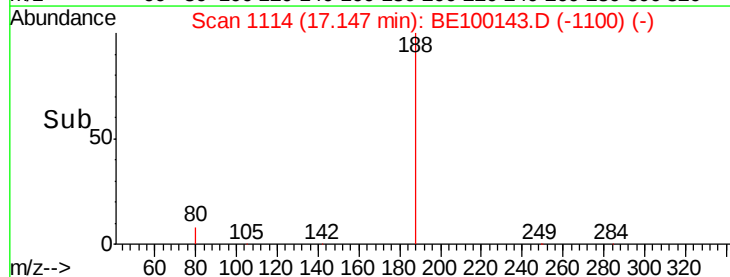
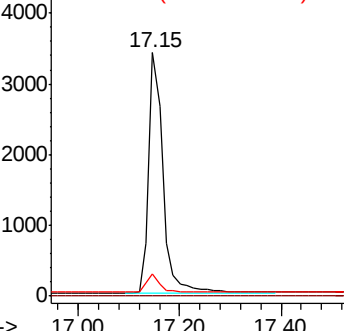
80 9.2 6.3 9.5

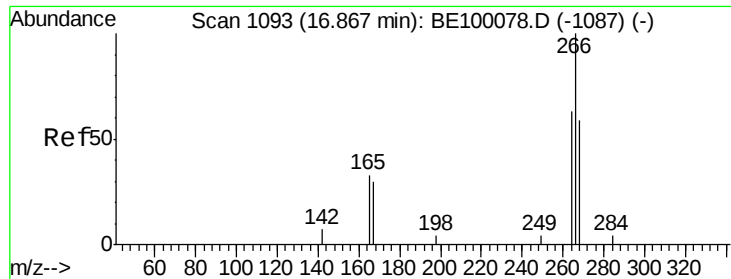


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





#22

Pentachlorophenol

Concen: 0.281 ng

RT: 16.81 min Scan# 1089

Delta R.T. -0.05 min

Lab File: BE100143.D

Acq: 21 Jun 2019 19:18

Instrument :

BNA_E

ClientSampleId :

PST-084-SW056-061319

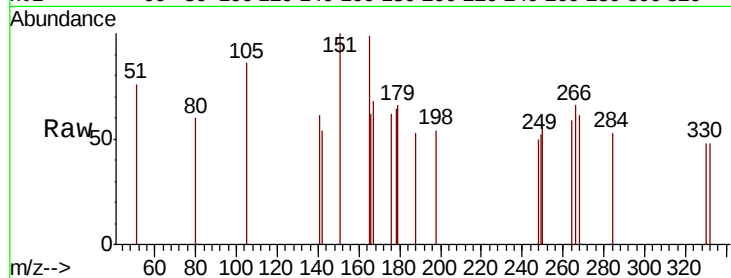
Tgt Ion: 266 Resp: 55

Ion Ratio Lower Upper

266 100

264 89.8 67.8 101.6

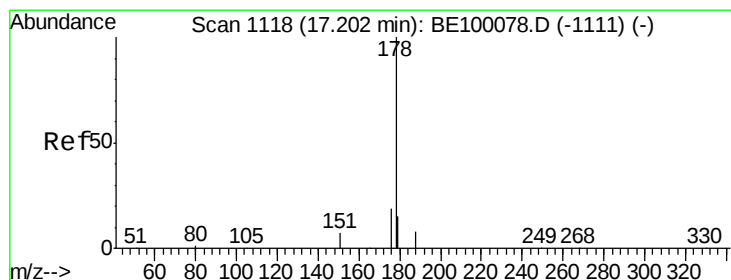
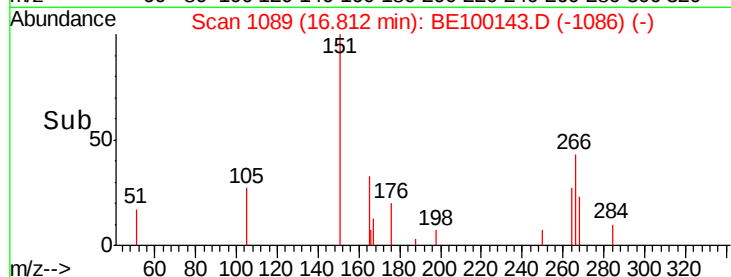
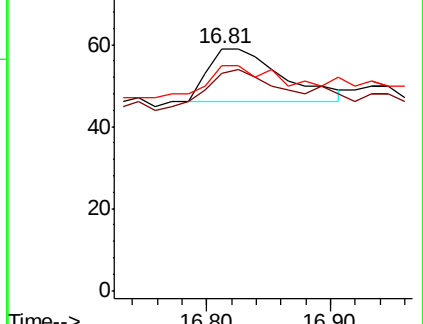
268 93.2 70.0 105.0



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: 0.477 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100143.D

Acq: 21 Jun 2019 19:18

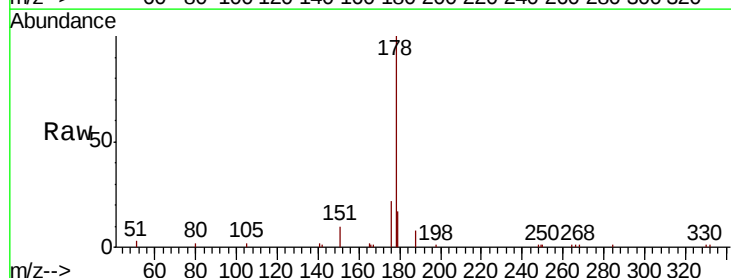
Tgt Ion: 178 Resp: 7599

Ion Ratio Lower Upper

178 100

176 20.5 15.9 23.9

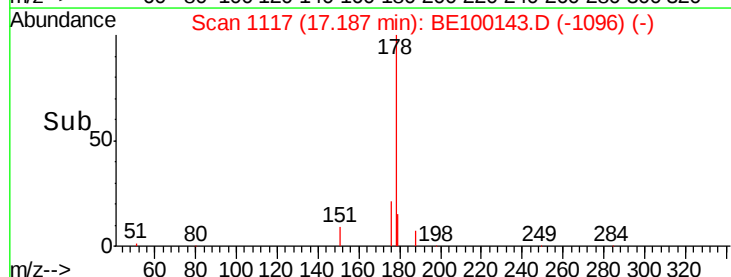
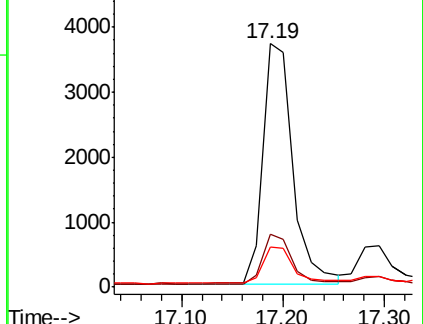
179 15.9 13.1 19.7

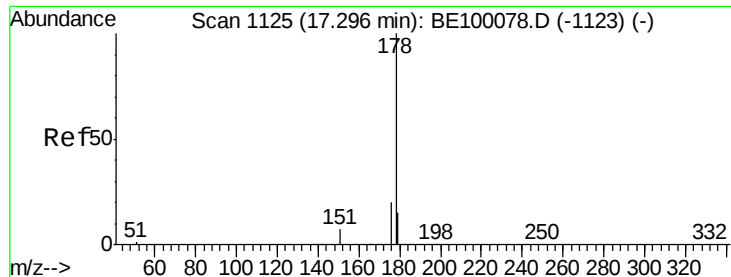


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.089 ng

RT: 17.29 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BE100143.D

Acq: 21 Jun 2019 19:18

Instrument :

BNA_E

ClientSampleId :

PST-084-SW056-061319

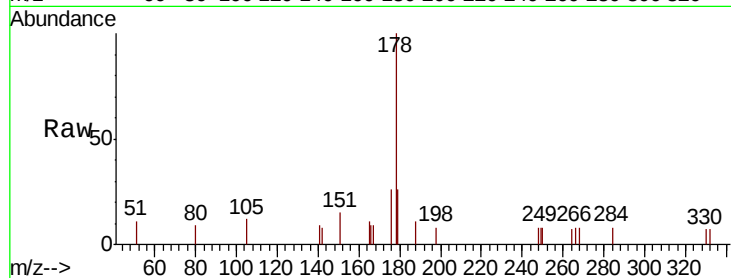
Tgt Ion:178 Resp: 1193

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

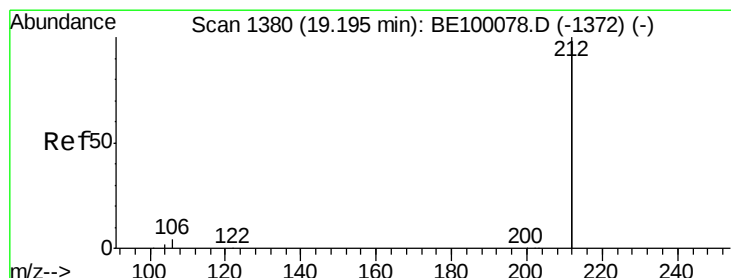
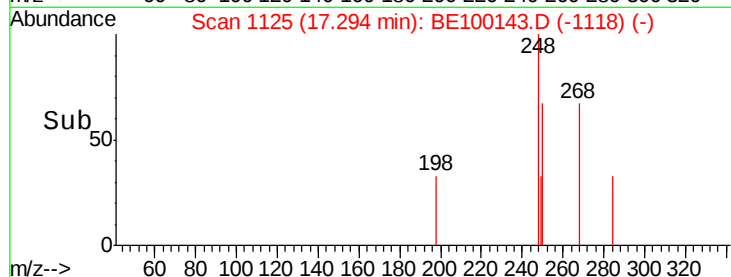
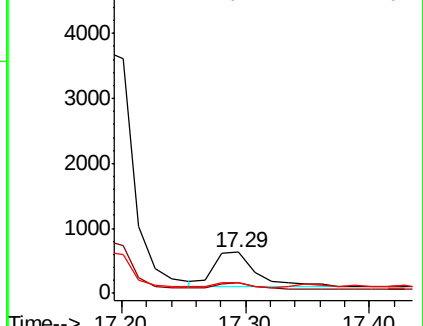
179 11.9 12.0 18.0#



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: 0.021 ng

RT: 19.19 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BE100143.D

Acq: 21 Jun 2019 19:18

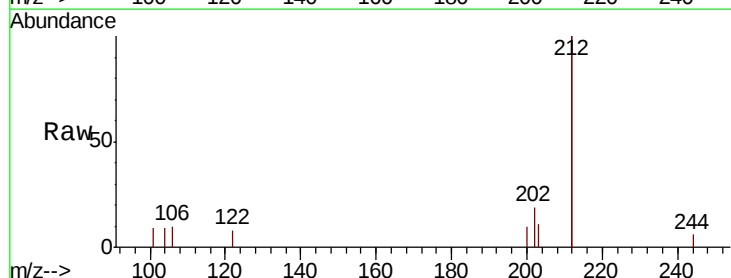
Tgt Ion:212 Resp: 1998

Ion Ratio Lower Upper

212 100

106 2.7 1.4 2.0#

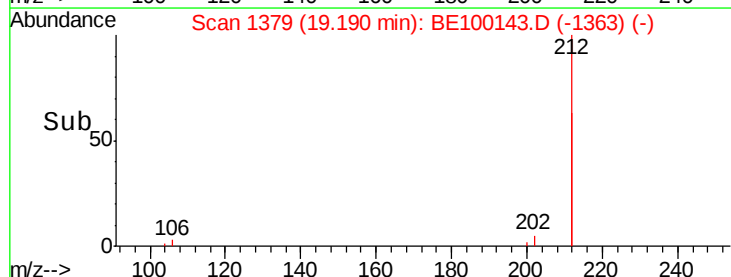
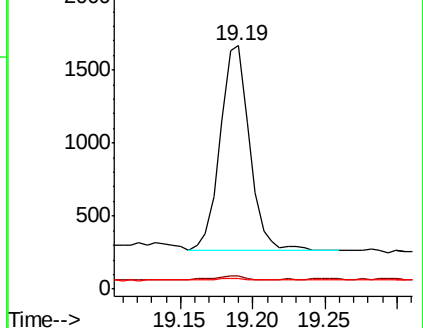
104 1.7 0.8 1.2#

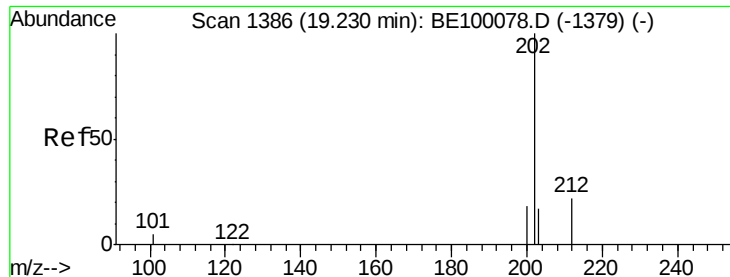


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

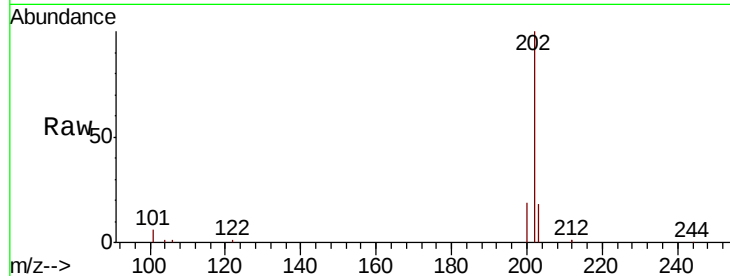




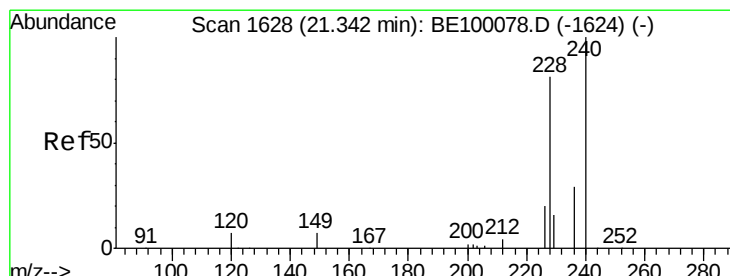
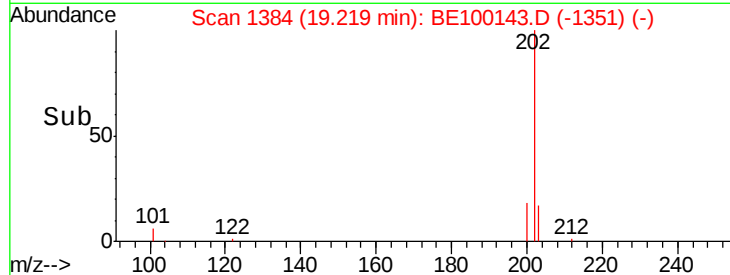
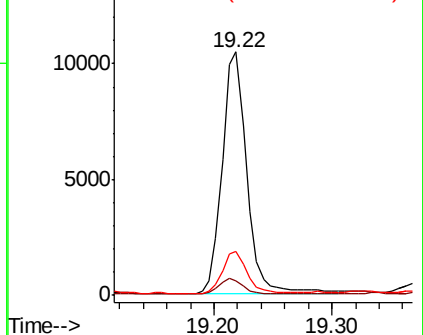
#26
Fluoranthene
Concen: 0.590 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BE100143.D
Acq: 21 Jun 2019 19:18

Instrument :
BNA_E
ClientSampleId :
PST-084-SW056-061319

Tgt Ion: 202 Resp: 15109
Ion Ratio Lower Upper
202 100
101 6.2 5.0 7.4
203 16.9 13.7 20.5

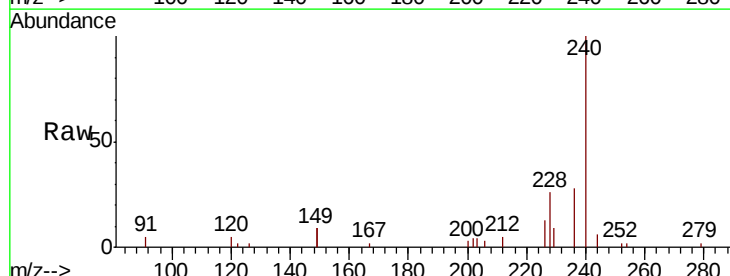


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

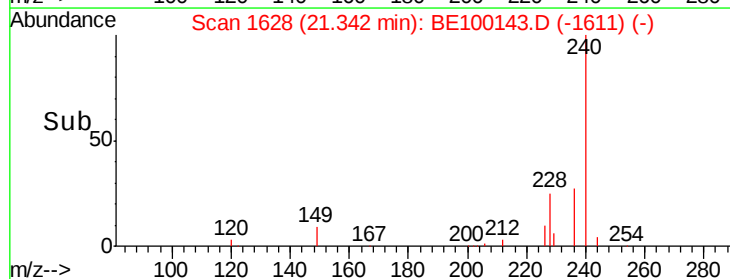
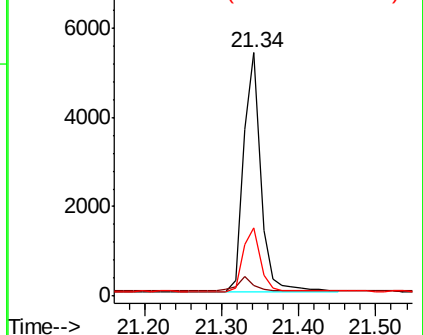


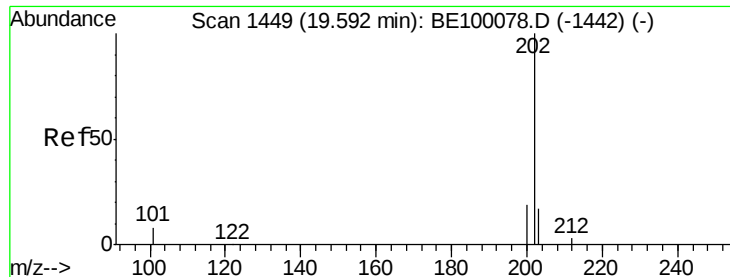
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100143.D
Acq: 21 Jun 2019 19:18

Tgt Ion: 240 Resp: 8380
Ion Ratio Lower Upper
240 100
120 4.6 6.6 10.0#
236 28.1 23.8 35.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

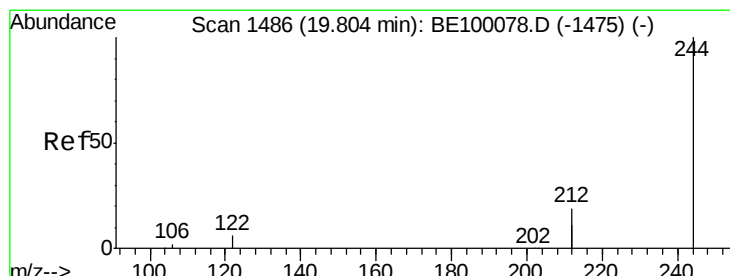
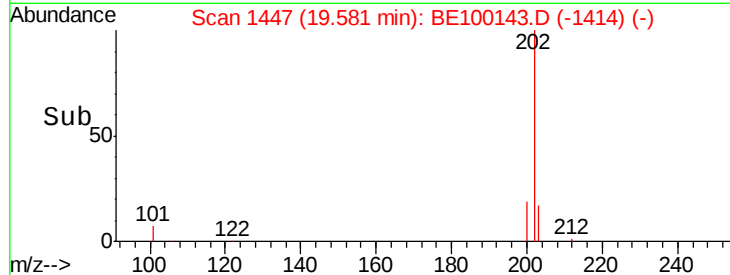
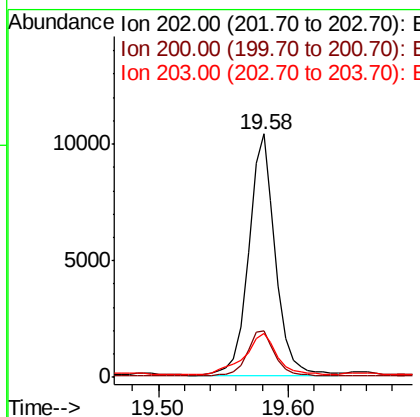
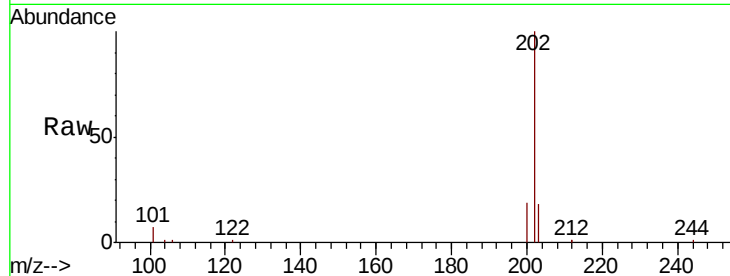




#28
 Pyrene
 Concen: 0.681 ng
 RT: 19.58 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BE100143.D
 Acq: 21 Jun 2019 19:18

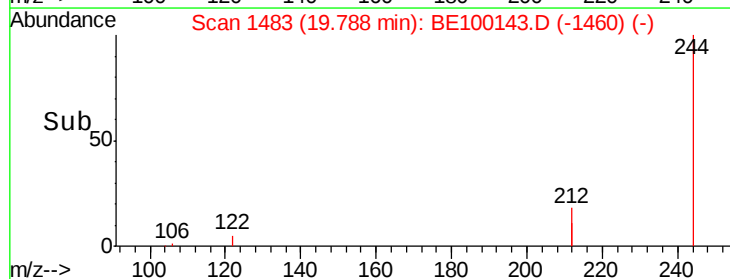
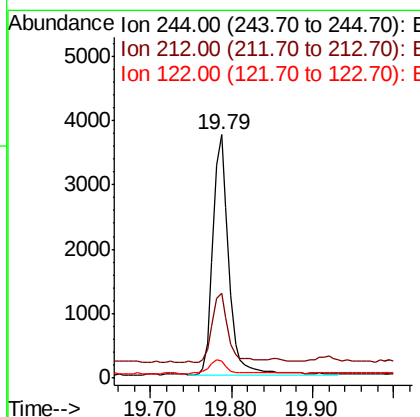
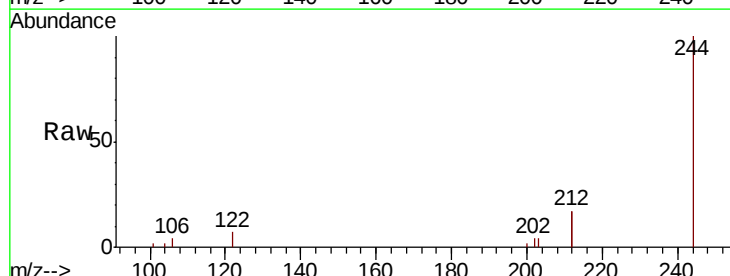
Instrument :
 BNA_E
 ClientSampleId :
 PST-084-SW056-061319

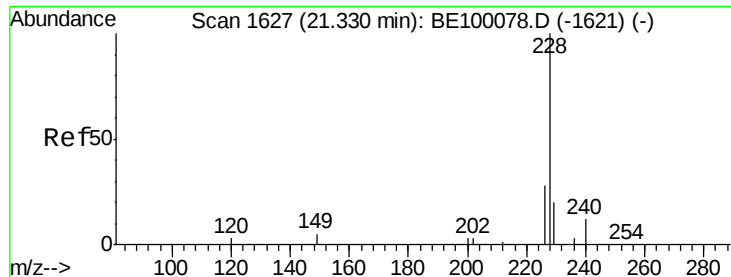
Tgt Ion:	202	Resp:	14661
Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.6	23.4
203	20.6	13.9	20.9



#29
 Terphenyl-d14
 Concen: 0.303 ng
 RT: 19.79 min Scan# 1483
 Delta R.T. -0.02 min
 Lab File: BE100143.D
 Acq: 21 Jun 2019 19:18

Tgt Ion:	244	Resp:	5080
Ion	Ratio	Lower	Upper
244	100		
212	34.7	29.8	44.8
122	7.1	6.1	9.1





#30

Benzo(a)anthracene

Concen: 0.387 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BE100143.D

Acq: 21 Jun 2019 19:18

Instrument :

BNA_E

ClientSampleId :

PST-084-SW056-061319

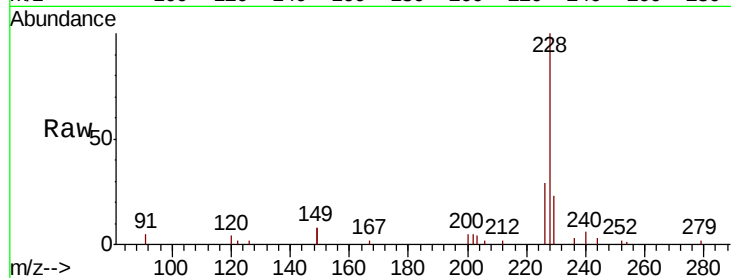
Tgt Ion:228 Resp: 9655

Ion Ratio Lower Upper

228 100

226 29.5 23.0 34.4

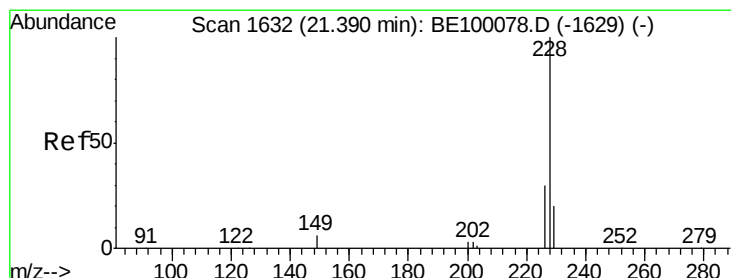
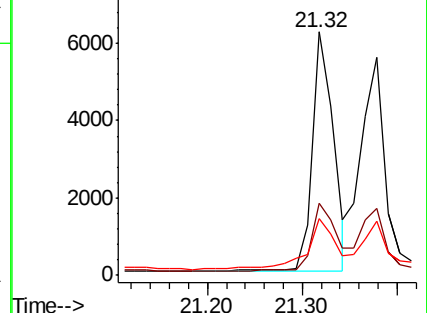
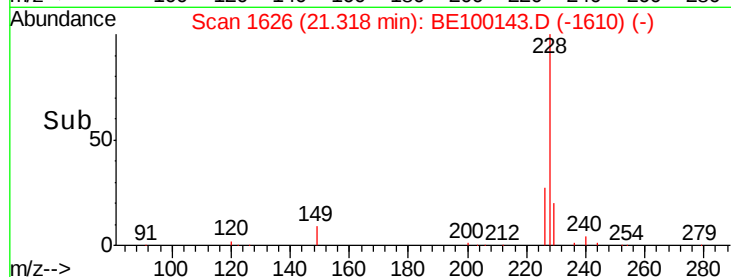
229 23.3 16.4 24.6



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: 0.332 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE100143.D

Acq: 21 Jun 2019 19:18

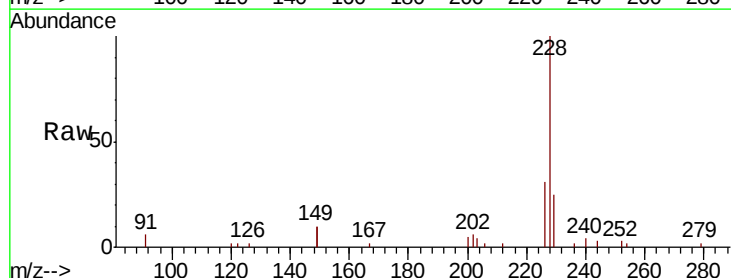
Tgt Ion:228 Resp: 9626

Ion Ratio Lower Upper

228 100

226 30.7 23.8 35.8

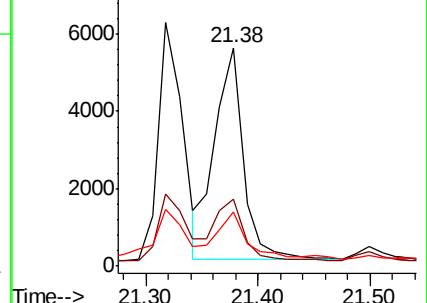
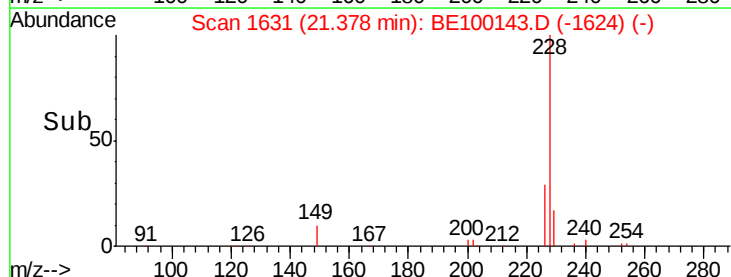
229 24.6 16.3 24.5#

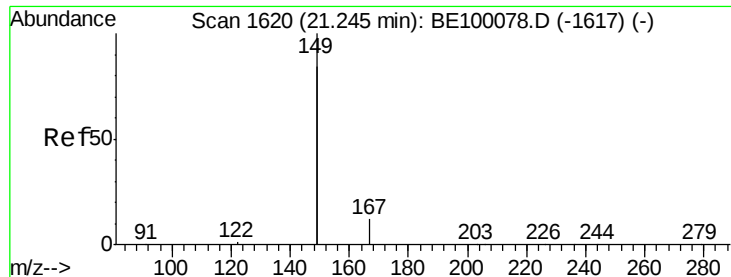


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

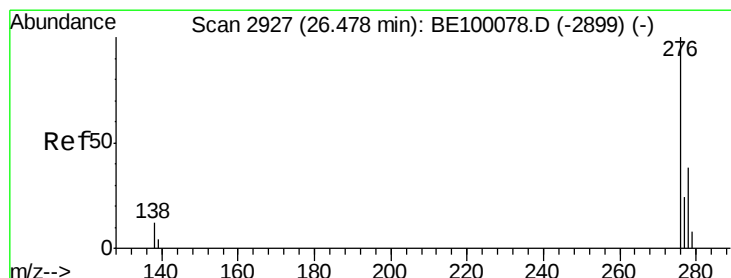
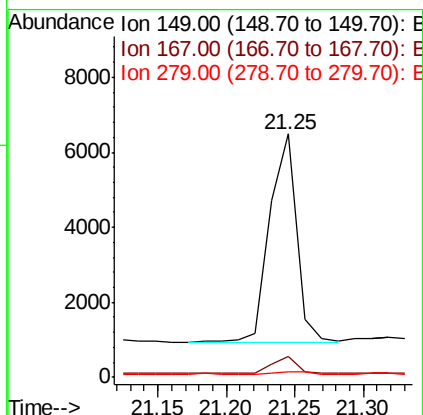
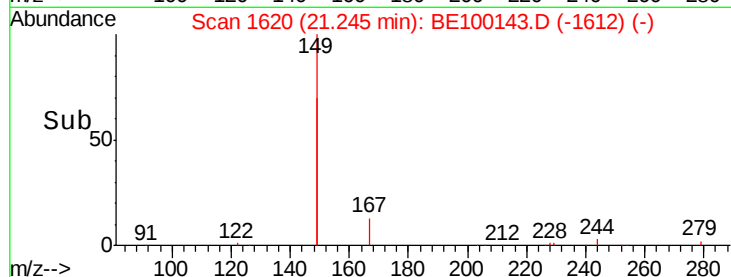
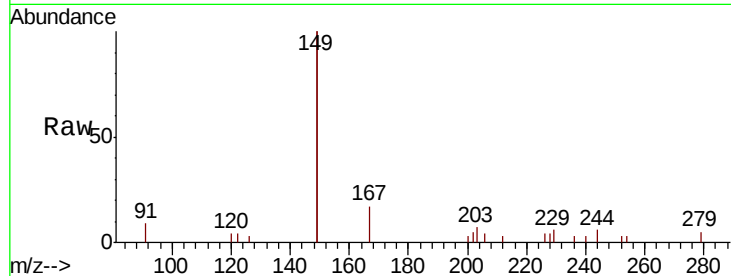




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.325 ng
 RT: 21.25 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BE100143.D
 Acq: 21 Jun 2019 19:18

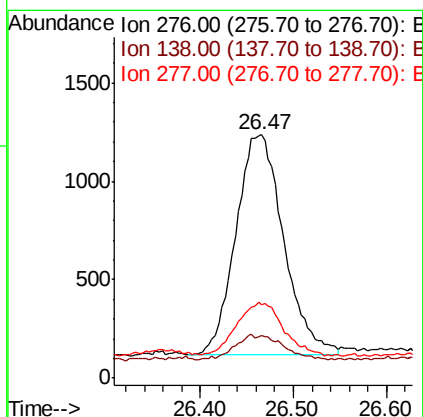
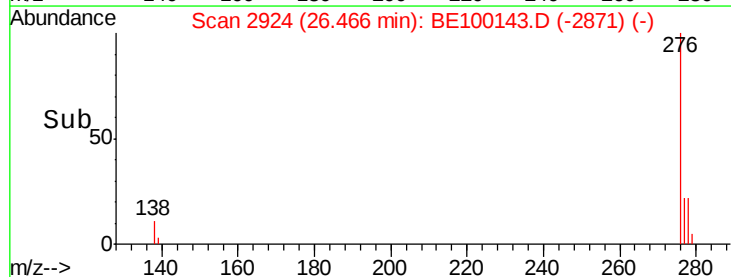
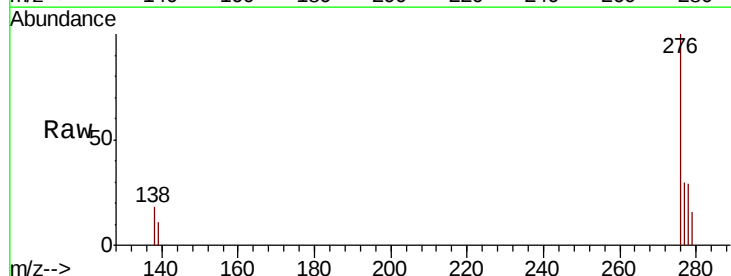
Instrument :
 BNA_E
 ClientSampleId :
 PST-084-SW056-061319

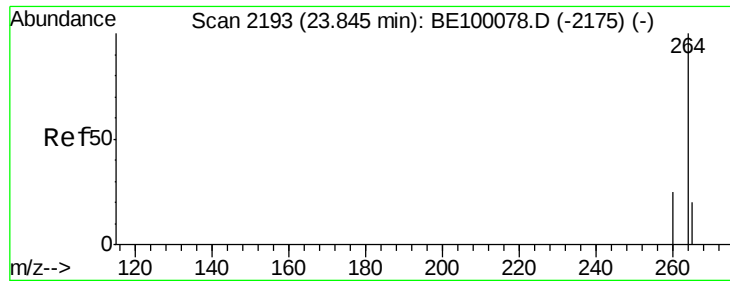
Tgt Ion:149 Resp: 7648
 Ion Ratio Lower Upper
 149 100
 167 7.3 5.8 8.6
 279 1.5 1.1 1.7



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.123 ng
 RT: 26.47 min Scan# 2924
 Delta R.T. -0.01 min
 Lab File: BE100143.D
 Acq: 21 Jun 2019 19:18

Tgt Ion:276 Resp: 3997
 Ion Ratio Lower Upper
 276 100
 138 5.3 4.3 6.5
 277 23.7 19.4 29.0

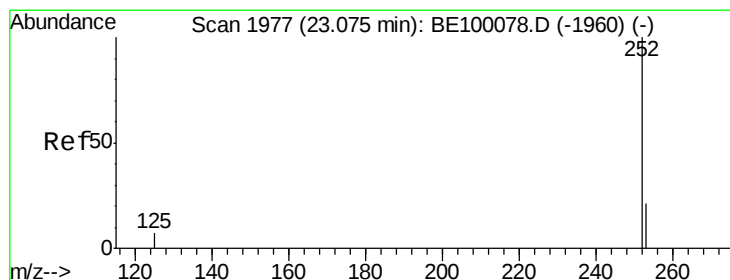
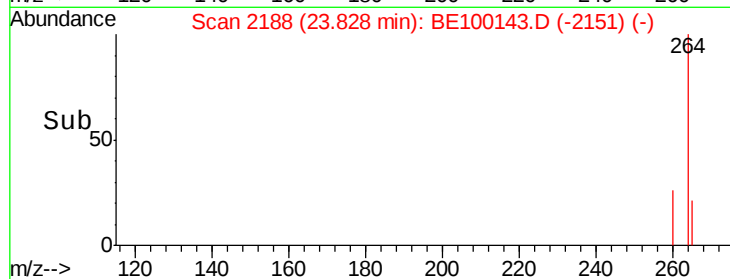
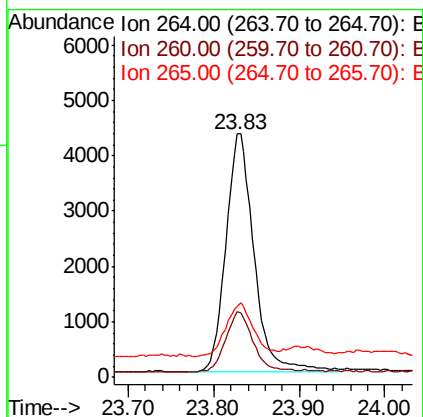
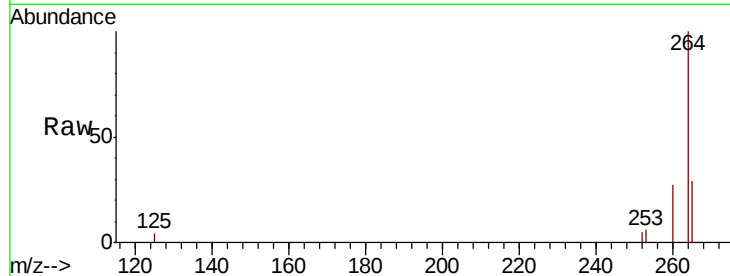




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.83 min Scan# 2188
 Delta R.T. -0.02 min
 Lab File: BE100143.D
 Acq: 21 Jun 2019 19:18

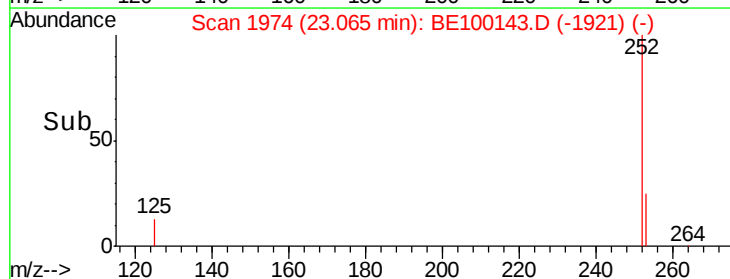
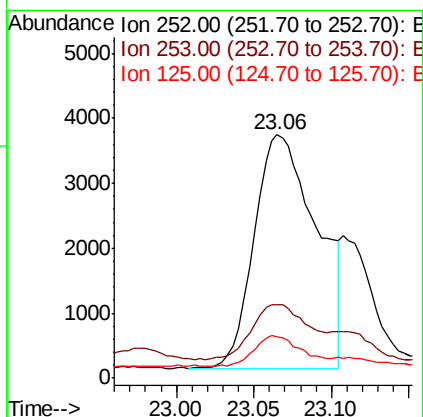
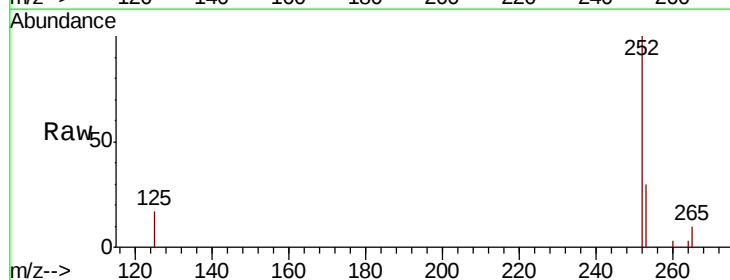
Instrument :
 BNA_E
 ClientSampleId :
 PST-084-SW056-061319

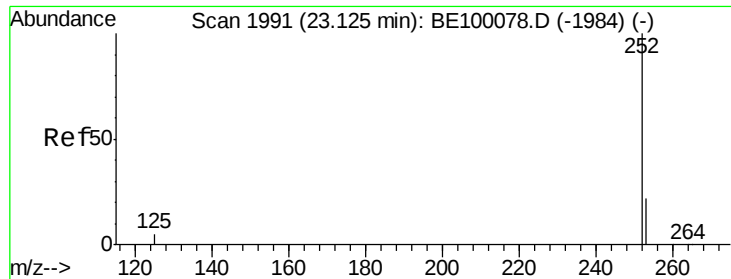
Tgt Ion: 264 Resp: 9880
 Ion Ratio Lower Upper
 264 100
 260 27.2 20.8 31.2
 265 29.1 23.2 34.8



#35
 Benzo(b)fluoranthene
 Concen: 0.347 ng
 RT: 23.06 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BE100143.D
 Acq: 21 Jun 2019 19:18

Tgt Ion: 252 Resp: 10065
 Ion Ratio Lower Upper
 252 100
 253 30.3 18.4 27.6#
 125 17.1 6.4 9.6#

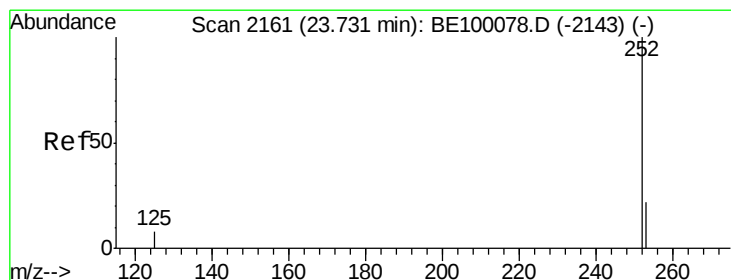
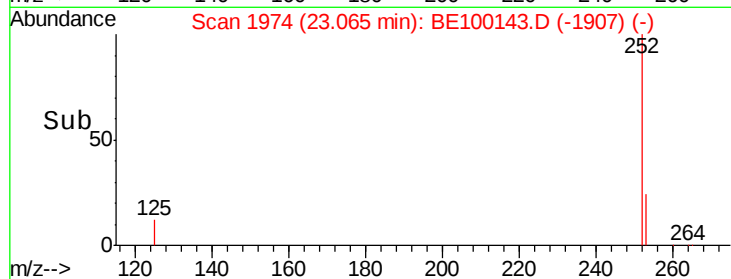
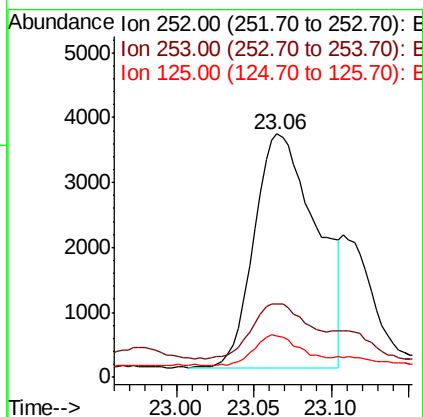
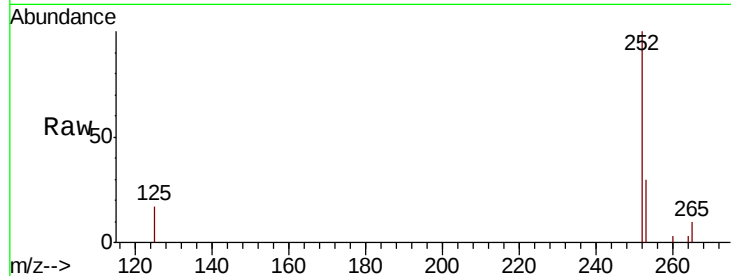




#36
Benzo(k)fluoranthene
Concen: 0.305 ng
RT: 23.06 min Scan# 1974
Delta R.T. -0.06 min
Lab File: BE100143.D
Acq: 21 Jun 2019 19:18

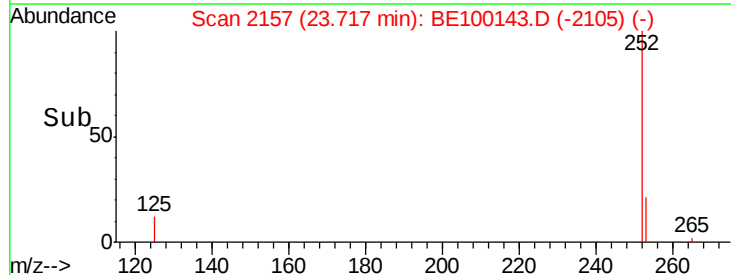
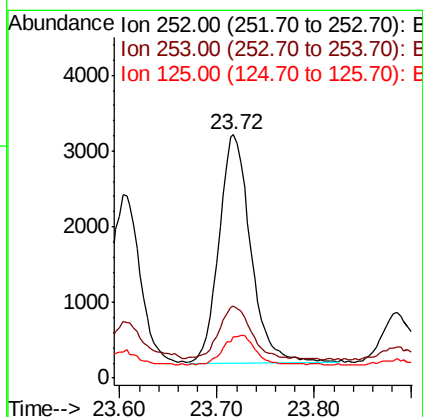
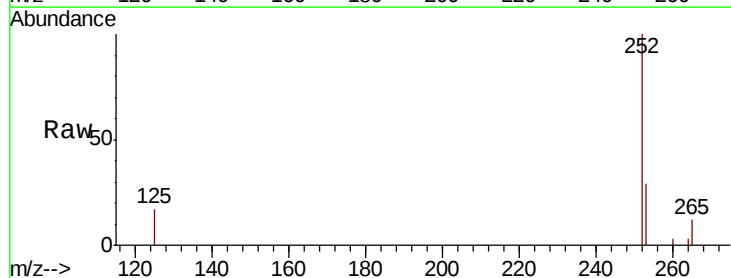
Instrument :
BNA_E
ClientSampleId :
PST-084-SW056-061319

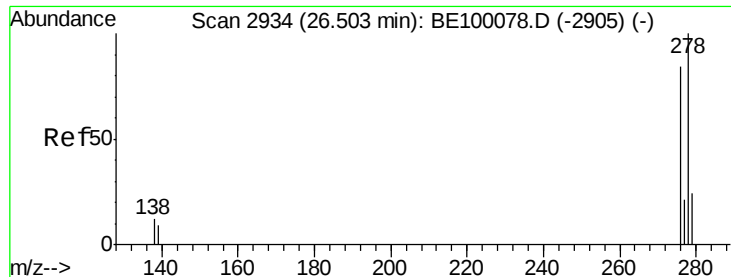
Tgt Ion: 252 Resp: 10065
Ion Ratio Lower Upper
252 100
253 30.3 18.9 28.3#
125 17.1 5.3 7.9#



#37
Benzo(a)pyrene
Concen: 0.244 ng
RT: 23.72 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BE100143.D
Acq: 21 Jun 2019 19:18

Tgt Ion: 252 Resp: 6838
Ion Ratio Lower Upper
252 100
253 29.5 19.4 29.2#
125 16.8 8.0 12.0#





#38

Dibenzo(a,h)anthracene

Concen: 0.041 ng

RT: 26.48 min Scan# 2928

Delta R.T. -0.02 min

Lab File: BE100143.D

Acq: 21 Jun 2019 19:18

Instrument :

BNA_E

ClientSampleId :

PST-084-SW056-061319

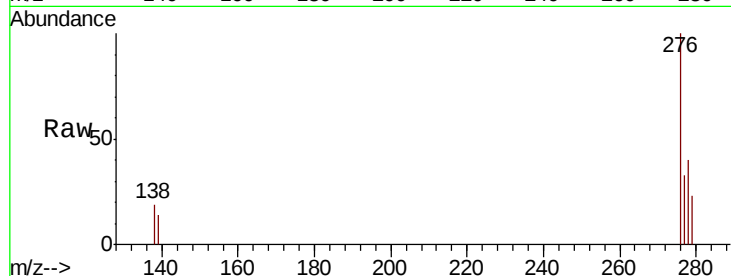
Tgt Ion: 278 Resp: 1184

Ion Ratio Lower Upper

278 100

139 33.7 9.0 13.6#

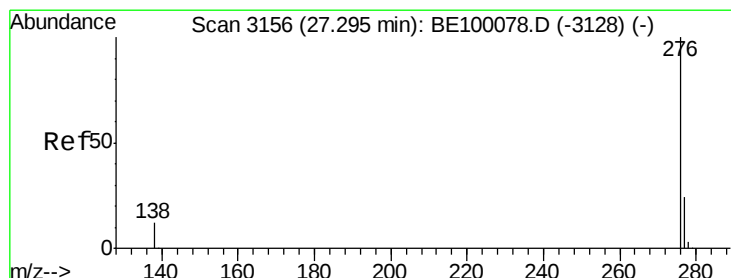
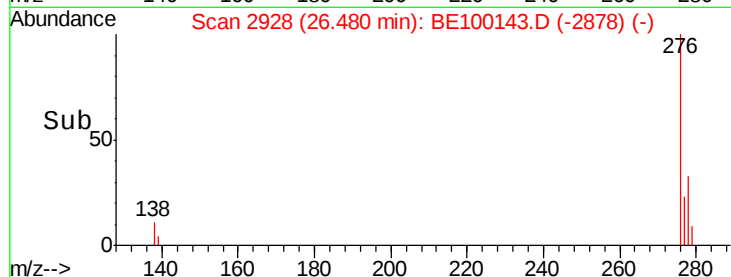
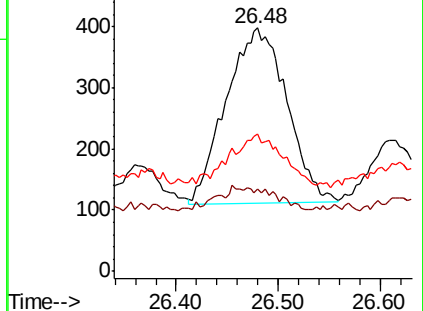
279 56.3 21.4 32.0#



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: 0.146 ng

RT: 27.27 min Scan# 3149

Delta R.T. -0.03 min

Lab File: BE100143.D

Acq: 21 Jun 2019 19:18

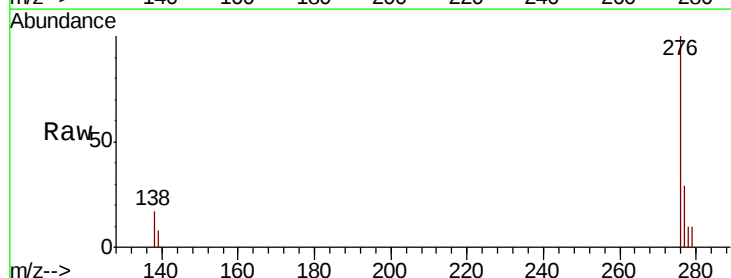
Tgt Ion: 276 Resp: 4361

Ion Ratio Lower Upper

276 100

277 29.2 20.3 30.5

138 17.2 11.3 16.9#



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

