

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062119\
 Data File : BE100137.D
 Acq On : 21 Jun 2019 15:40
 Operator : JU/SJ
 Sample : K3428-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-084-B040-061319

Quant Time: Jun 22 02:03:05 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	7.72	152	518	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	1927	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	1872	0.40	ng	-0.01
19) Phenanthrene-d10	17.15	188	6600	0.40	ng	-0.01
27) Chrysene-d12	21.34	240	9430	0.40	ng	0.00
34) Perylene-d12	23.83	264	10940	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.29	112	379	0.35	ng	-0.01
5) Phenol-d6	6.91	99	463	0.31	ng	-0.02
8) Nitrobenzene-d5	8.93	82	432	0.23	ng	0.01
11) 2-Methylnaphthalene-d10	12.15	152	80	0.02	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	307	0.30	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	1655	0.22	ng	-0.01
25) Fluoranthene-d10	19.18	212	1746	0.02	ng	-0.01
29) Terphenyl-d14	19.79	244	4455	0.24	ng	-0.02

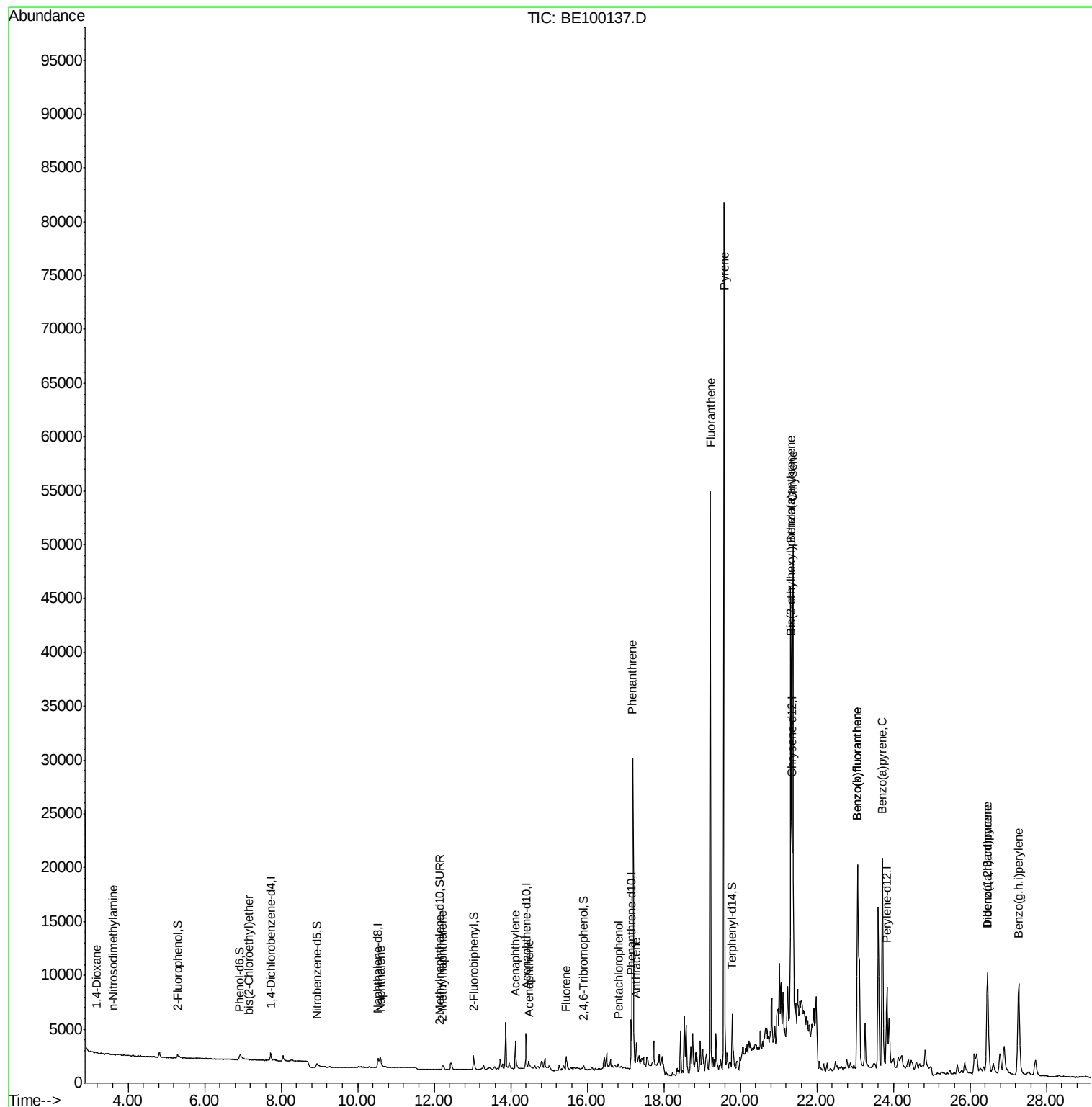
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.19	88	18	0.022	ng	# 27
3) n-Nitrosodimethylamine	3.60	42	23	0.383	ng	# 100
6) bis(2-Chloroethyl)ether	7.16	93	3	0.036	ng	# 1
9) Naphthalene	10.59	128	2413	0.115	ng	# 91
12) 2-Methylnaphthalene	12.22	142	456	0.132	ng	95
16) Acenaphthylene	14.13	152	3476	0.391	ng	98
17) Acenaphthene	14.47	154	370	0.074	ng	96
18) Fluorene	15.45	166	1271	0.172	ng	# 89
22) Pentachlorophenol	16.81	266	6	0.246	ng	89
23) Phenanthrene	17.19	178	32487	2.054	ng	99
24) Anthracene	17.28	178	3333	0.250	ng	# 92
26) Fluoranthene	19.22	202	50706	1.998	ng	98
28) Pyrene	19.58	202	76605	3.161	ng	96
30) Benzo(a)anthracene	21.32	228	37584	1.340	ng	97
31) Chrysene	21.38	228	46590	1.429	ng	98
32) Bis(2-ethylhexyl)phthalate	21.33	149	1558	0.059	ng	100
33) Indeno(1,2,3-cd)pyrene	26.46	276	18980	0.517	ng	# 97
35) Benzo(b)fluoranthene	23.06	252	38989	1.215	ng	97
36) Benzo(k)fluoranthene	23.06	252	38989	1.068	ng	# 97
37) Benzo(a)pyrene	23.71	252	30633	0.989	ng	98
38) Dibenzo(a,h)anthracene	26.47	278	5262	0.166	ng	# 85
39) Benzo(g,h,i)perylene	27.28	276	22644	0.686	ng	98

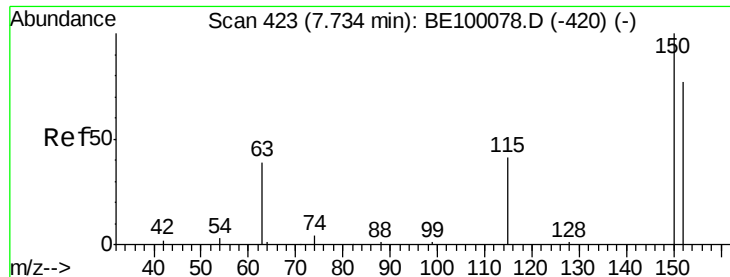
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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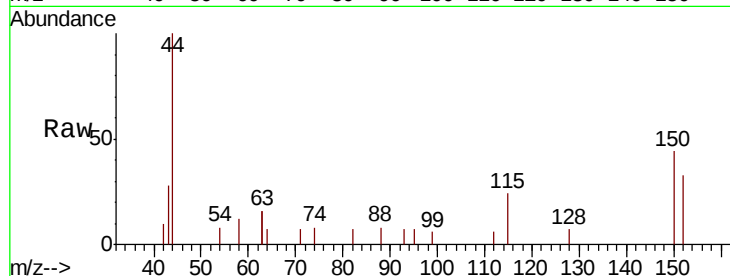


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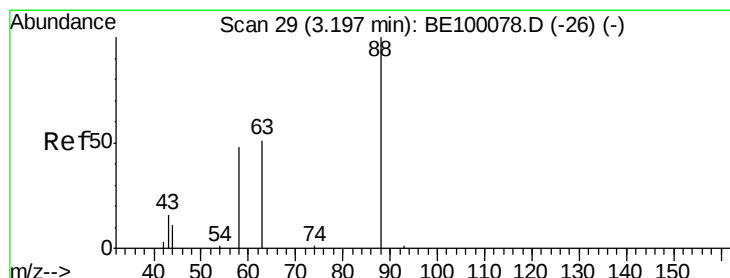
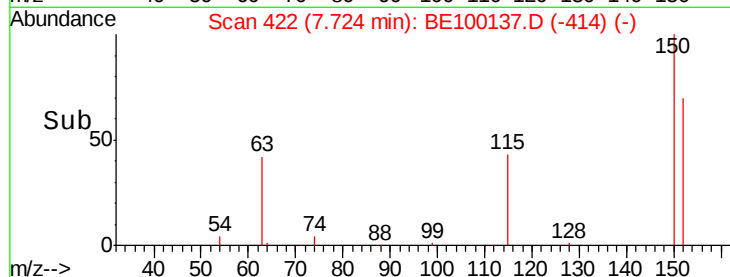
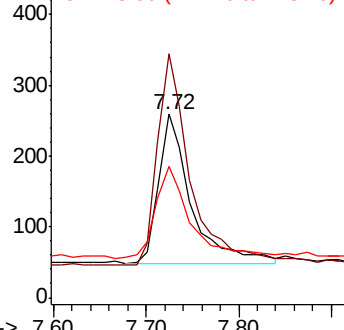
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100137.D
Acq: 21 Jun 2019 15:40

Instrument :
BNA_E
ClientSampleId :
PST-084-B040-061319

Tgt Ion: 152 Resp: 518
Ion Ratio Lower Upper
152 100
150 132.8 99.8 149.8
115 71.8 51.3 76.9



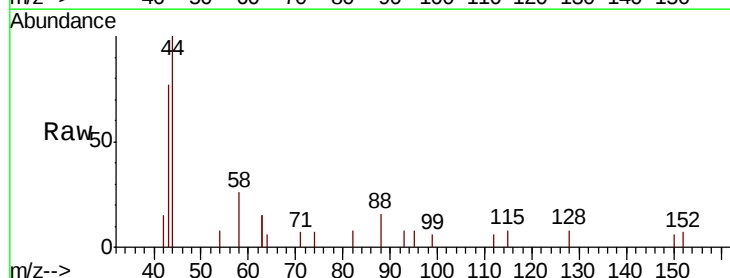
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



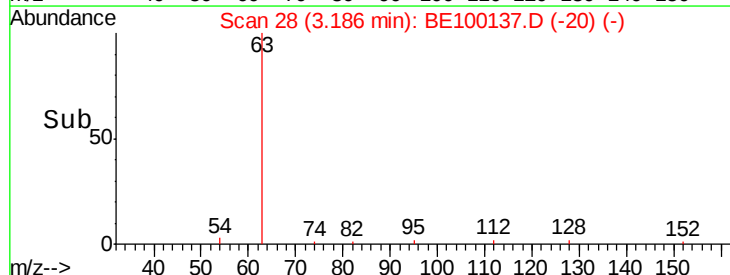
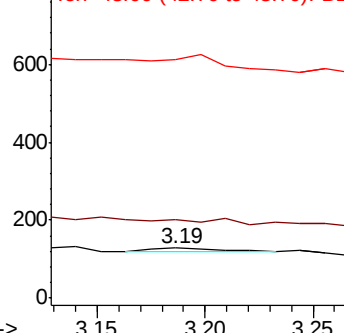
#2

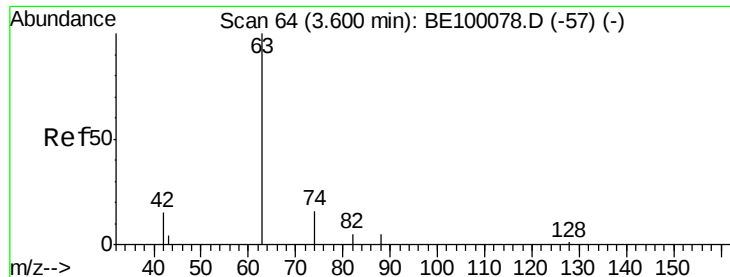
1,4-Dioxane
Concen: 0.022 ng
RT: 3.19 min Scan# 28
Delta R.T. -0.01 min
Lab File: BE100137.D
Acq: 21 Jun 2019 15:40

Tgt Ion: 88 Resp: 18
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: 0.383 ng

RT: 3.60 min Scan# 64

Delta R.T. 0.00 min

Lab File: BE100137.D

Acq: 21 Jun 2019 15:40

Instrument :

BNA_E

ClientSampleId :

PST-084-B040-061319

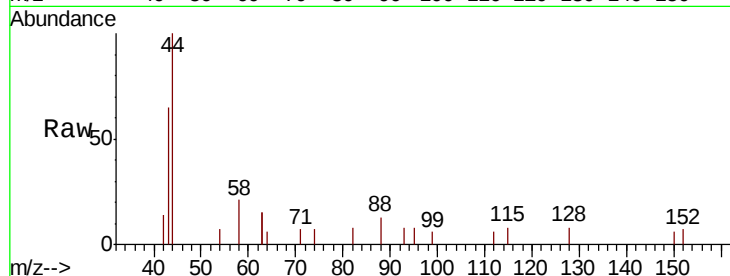
Tgt Ion: 42 Resp: 23

Ion Ratio Lower Upper

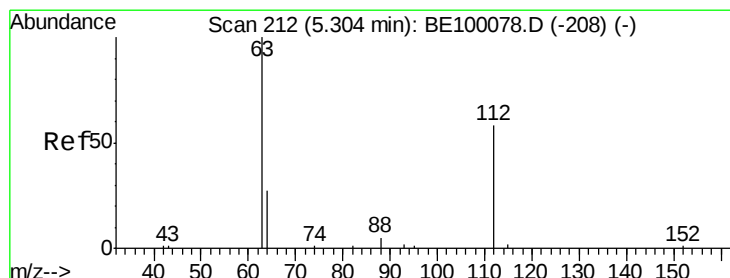
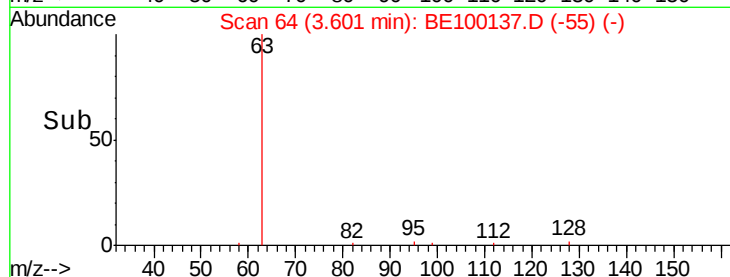
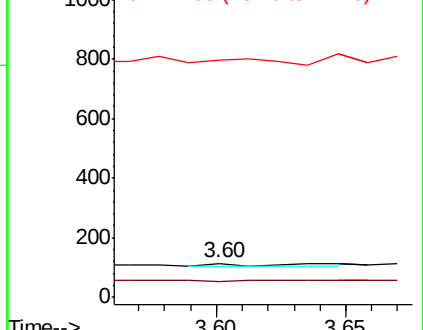
42 100

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: 0.353 ng

RT: 5.29 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE100137.D

Acq: 21 Jun 2019 15:40

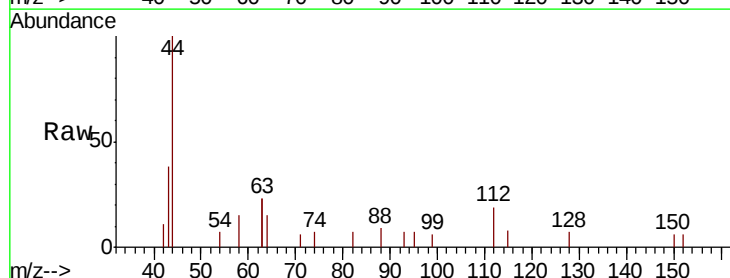
Tgt Ion: 112 Resp: 379

Ion Ratio Lower Upper

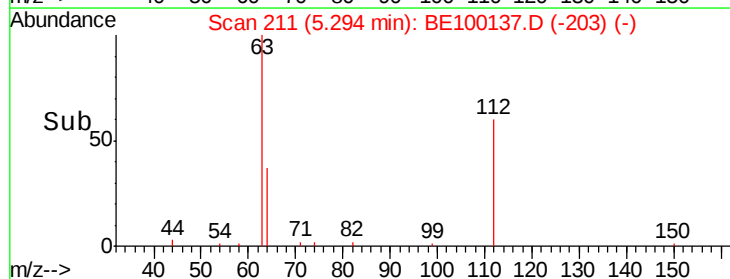
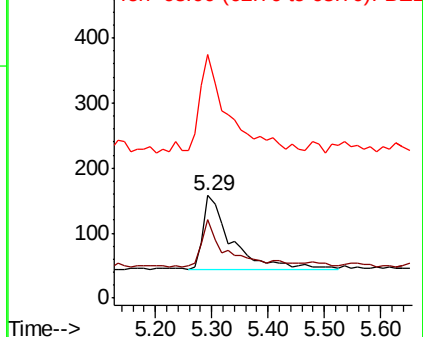
112 100

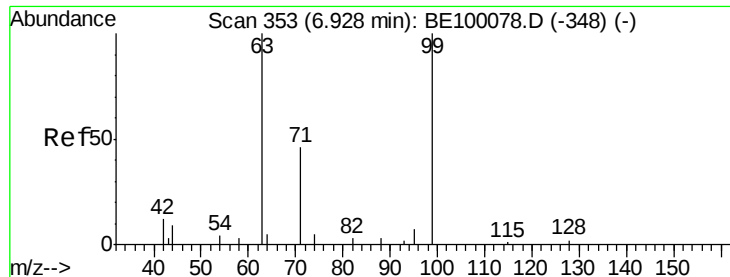
64 48.5 22.0 33.0#

63 124.5 121.8 182.6



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: 0.314 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.02 min

Lab File: BE100137.D

Acq: 21 Jun 2019 15:40

Instrument :

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ClientSampleId :

PST-084-B040-061319

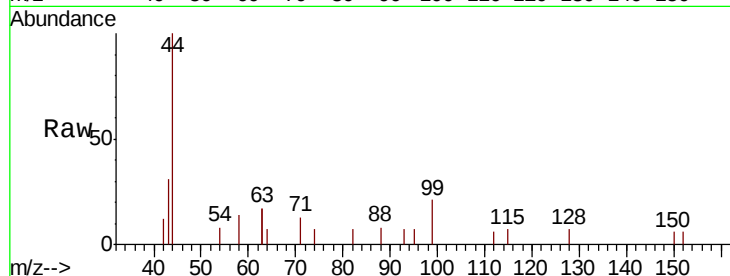
Tgt Ion: 99 Resp: 463

Ion Ratio Lower Upper

99 100

42 10.8 0.0 0.0#

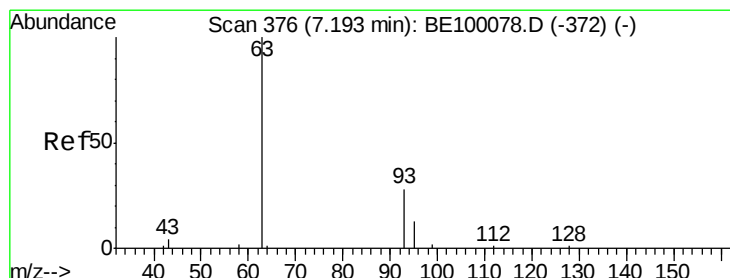
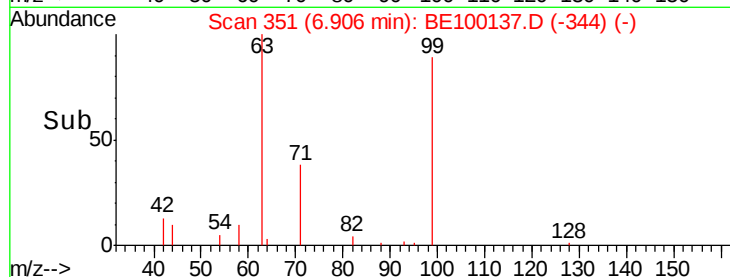
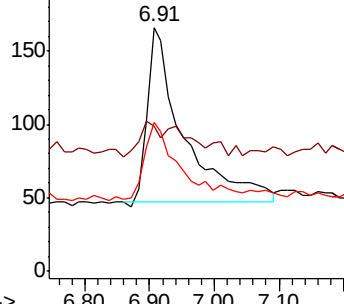
71 45.8 37.6 56.4



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



#6

bis(2-Chloroethyl)ether

Concen: 0.036 ng

RT: 7.16 min Scan# 373

Delta R.T. -0.03 min

Lab File: BE100137.D

Acq: 21 Jun 2019 15:40

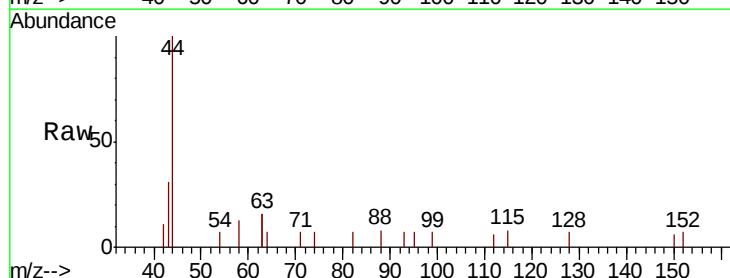
Tgt Ion: 93 Resp: 3

Ion Ratio Lower Upper

93 100

63 0.0 200.0 300.0#

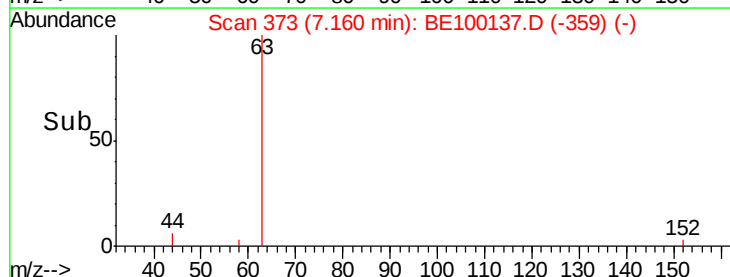
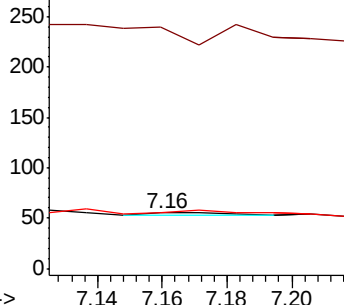
95 0.0 24.0 36.0#

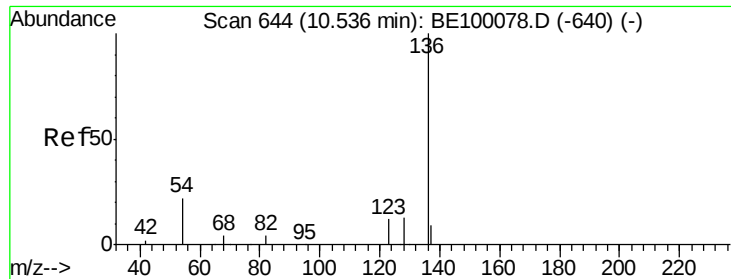


Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. 0.00 min

Lab File: BE100137.D

Acq: 21 Jun 2019 15:40

Instrument :

BNA_E

ClientSampleId :

PST-084-B040-061319

Tgt Ion: 136 Resp: 1927

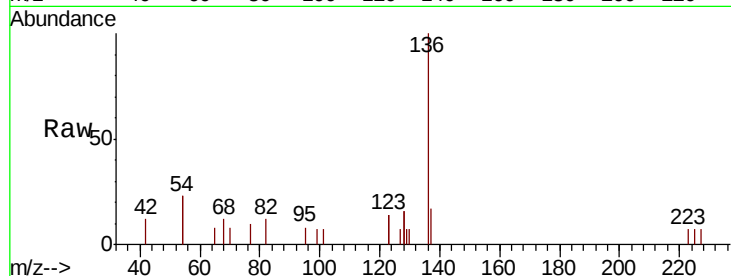
Ion Ratio Lower Upper

136 100

137 17.2 11.6 17.4

54 46.6 33.9 50.9

68 11.8 7.8 11.8#



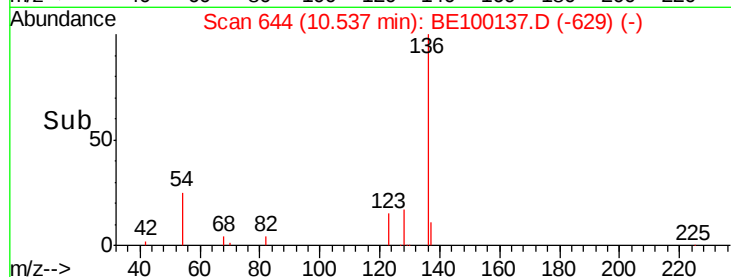
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

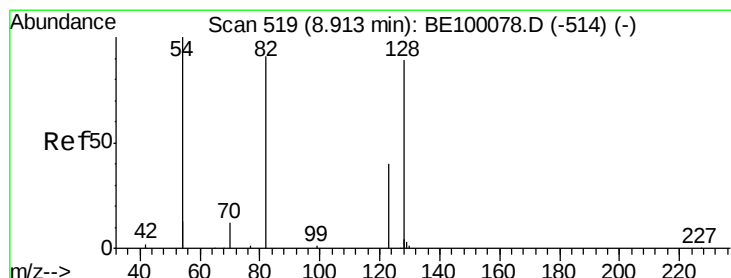
Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1

Time-->



Time-->



#8

Nitrobenzene-d5

Concen: 0.231 ng

RT: 8.93 min Scan# 520

Delta R.T. 0.01 min

Lab File: BE100137.D

Acq: 21 Jun 2019 15:40

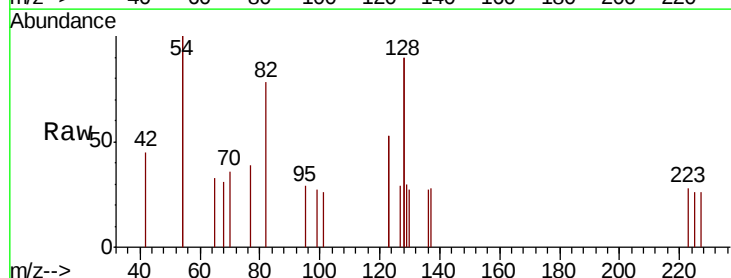
Tgt Ion: 82 Resp: 432

Ion Ratio Lower Upper

82 100

128 229.9 128.0 192.0#

54 256.7 143.4 215.0#

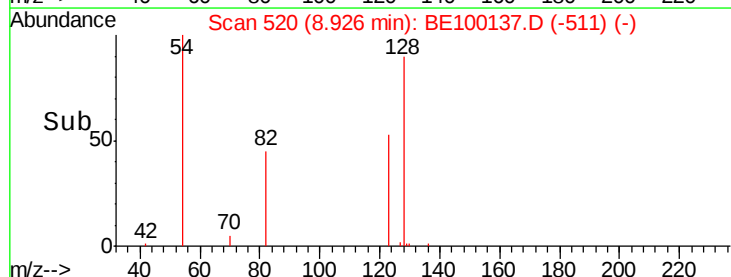


Abundance Ion 82.00 (81.70 to 82.70): BE1

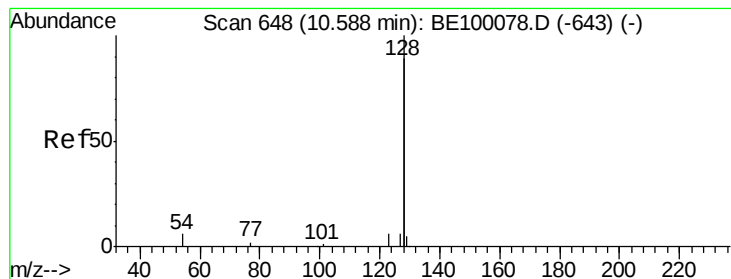
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

Time-->



Time-->



#9

Naphthalene

Concen: 0.115 ng

RT: 10.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BE100137.D

Acq: 21 Jun 2019 15:40

Instrument :

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ClientSampleId :

PST-084-B040-061319

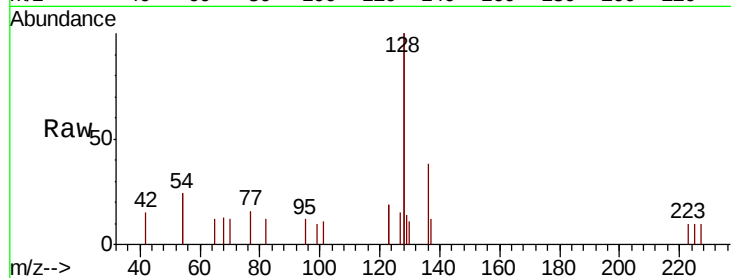
Tgt Ion:128 Resp: 2413

Ion Ratio Lower Upper

128 100

129 7.2 3.1 4.7#

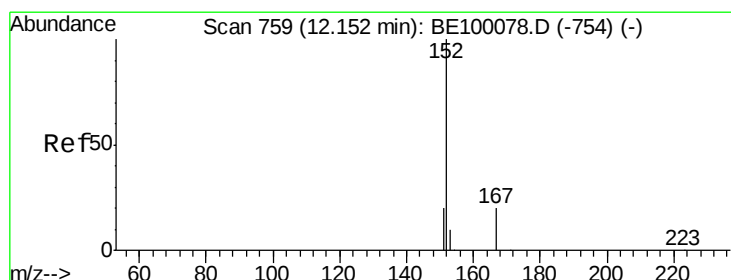
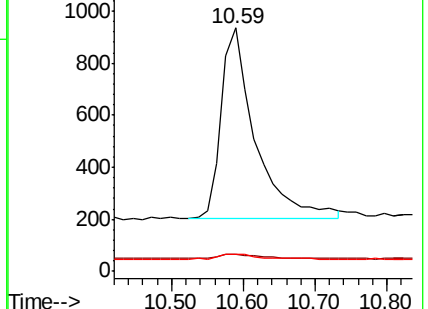
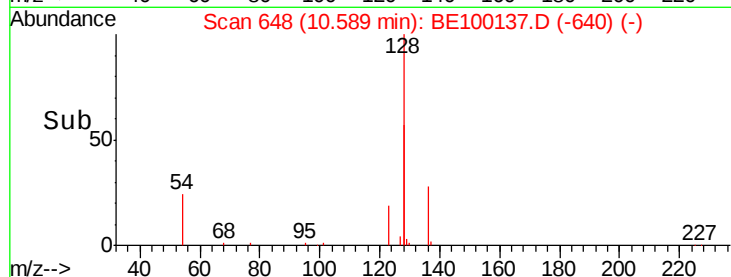
127 7.3 3.4 5.2#



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



#11

2-Methylnaphthalene-d10

Concen: 0.022 ng

RT: 12.15 min Scan# 759

Delta R.T. 0.00 min

Lab File: BE100137.D

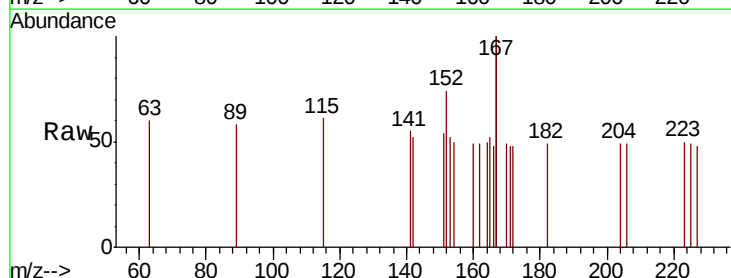
Acq: 21 Jun 2019 15:40

Tgt Ion:152 Resp: 80

Ion Ratio Lower Upper

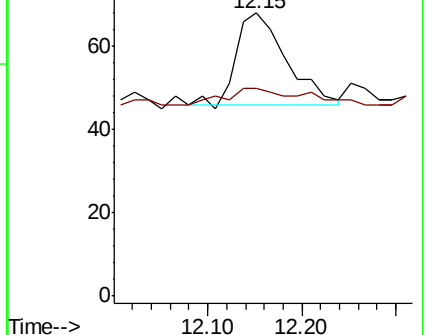
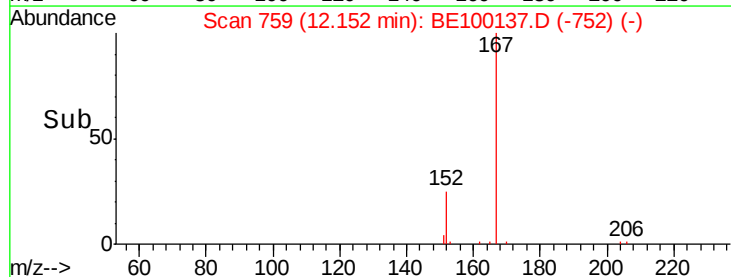
152 100

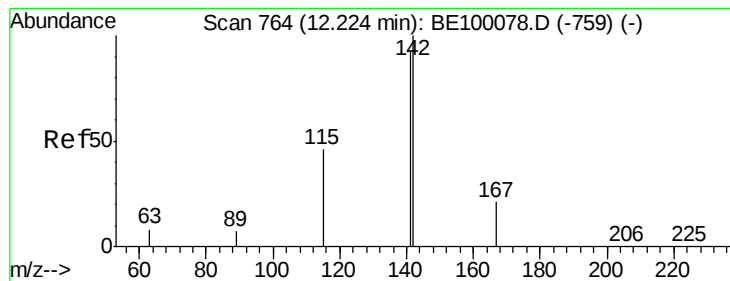
151 35.0 16.3 24.5#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.132 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE100137.D

Acq: 21 Jun 2019 15:40

Instrument :

BNA_E

ClientSampleId :

PST-084-B040-061319

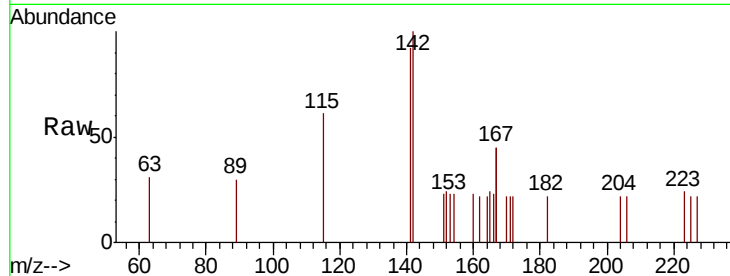
Tgt Ion:142 Resp: 456

Ion Ratio Lower Upper

142 100

141 92.2 74.1 111.1

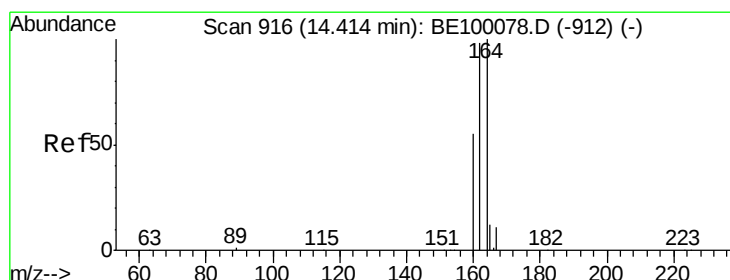
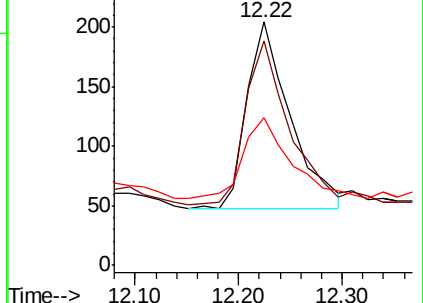
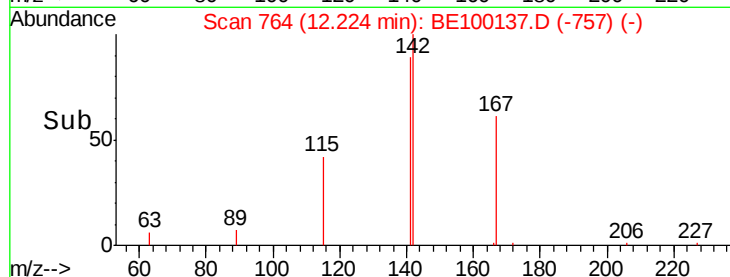
115 60.8 40.9 61.3



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: BE100137.D

Acq: 21 Jun 2019 15:40

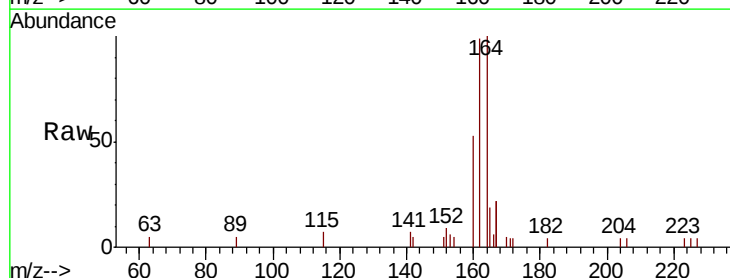
Tgt Ion:164 Resp: 1872

Ion Ratio Lower Upper

164 100

162 99.4 78.2 117.2

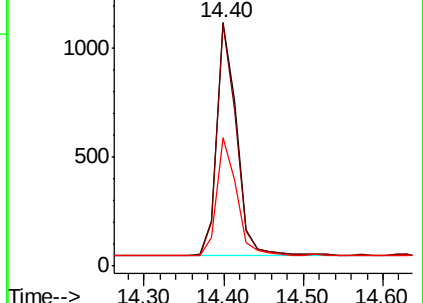
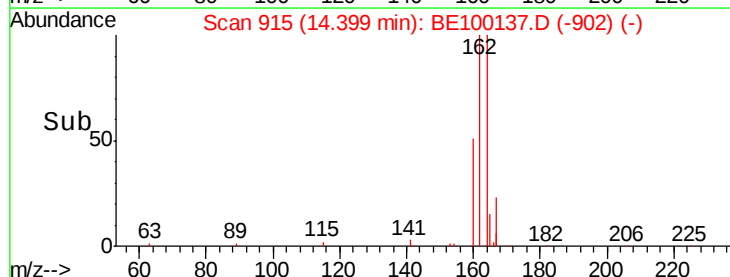
160 52.5 45.6 68.4

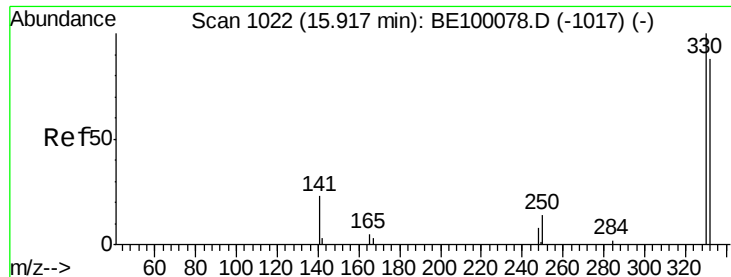


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

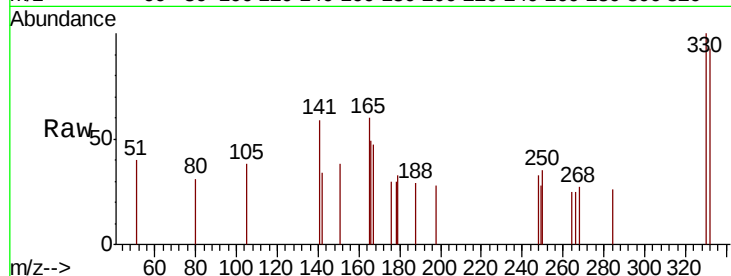




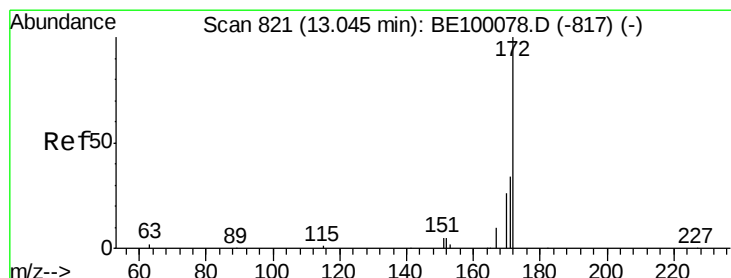
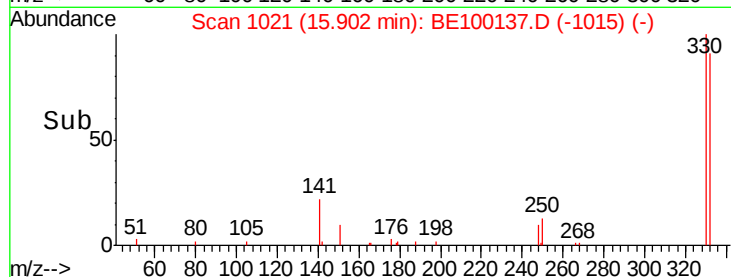
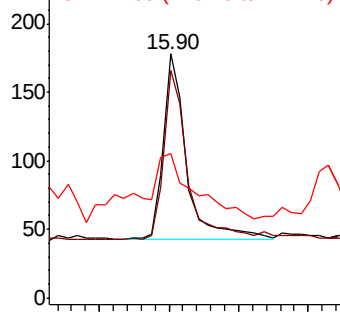
#14
 2,4,6-Tribromophenol
 Concen: 0.297 ng
 RT: 15.90 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BE100137.D
 Acq: 21 Jun 2019 15:40

Instrument :
 BNA_E
 ClientSampleId :
 PST-084-B040-061319

Tgt Ion: 330 Resp: 307
 Ion Ratio Lower Upper
 330 100
 332 92.5 73.3 109.9
 141 56.7 22.2 33.2#

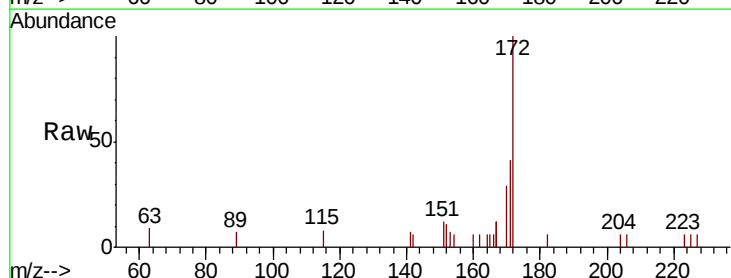


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

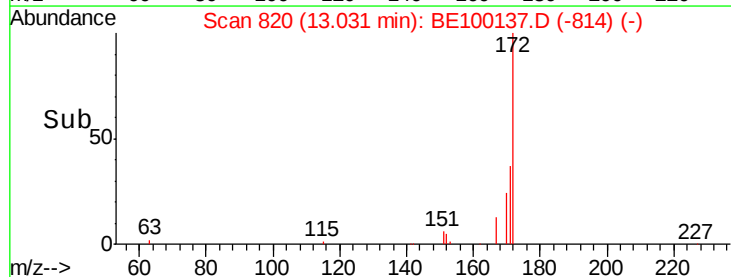
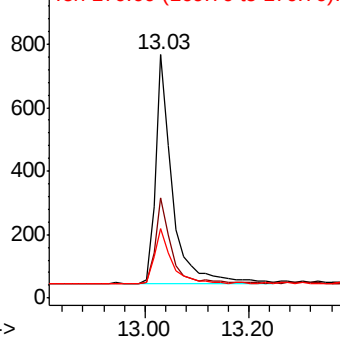


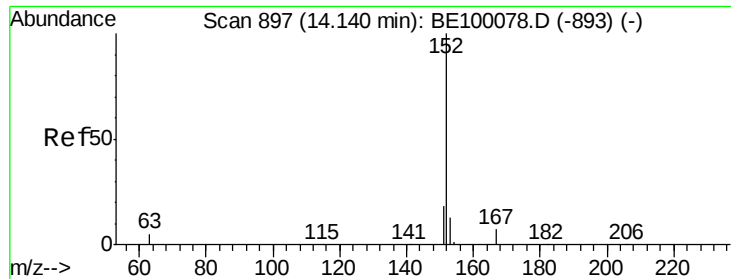
#15
 2-Fluorobiphenyl
 Concen: 0.225 ng
 RT: 13.03 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BE100137.D
 Acq: 21 Jun 2019 15:40

Tgt Ion: 172 Resp: 1655
 Ion Ratio Lower Upper
 172 100
 171 40.9 29.8 44.8
 170 28.7 23.2 34.8



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

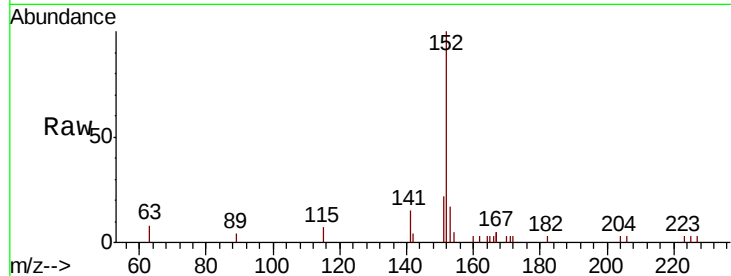




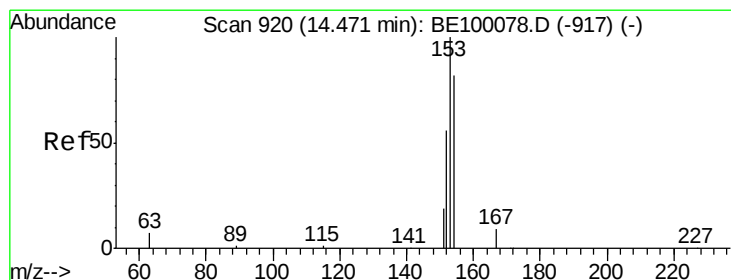
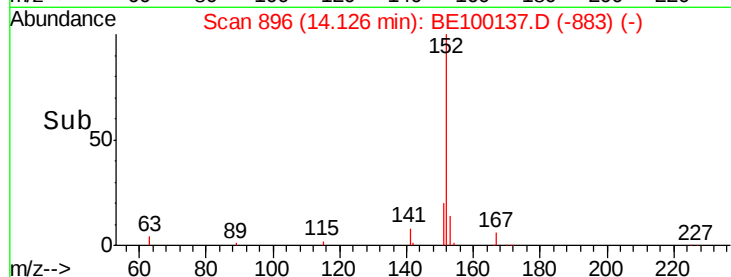
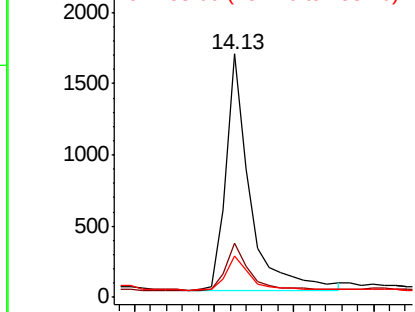
#16
Acenaphthylene
Concen: 0.391 ng
RT: 14.13 min Scan# 896
Delta R.T. -0.01 min
Lab File: BE100137.D
Acq: 21 Jun 2019 15:40

Instrument :
BNA_E
ClientSampleId :
PST-084-B040-061319

Tgt Ion: 152 Resp: 3476
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 14.2 10.1 15.1

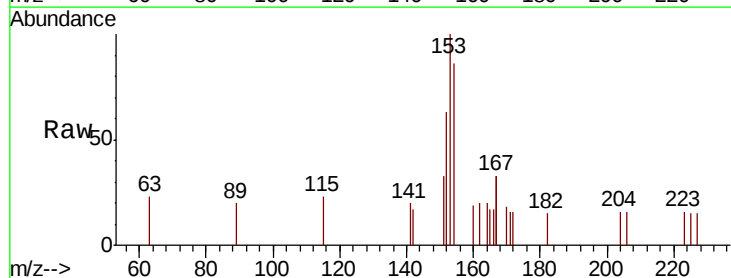


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

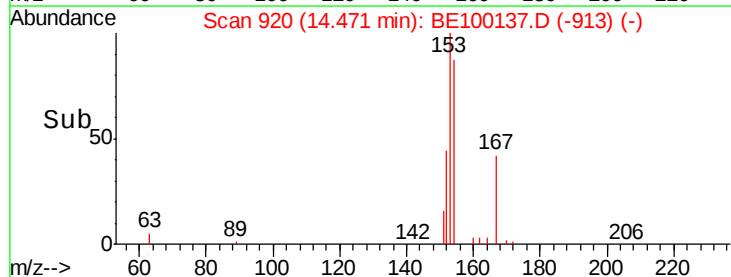
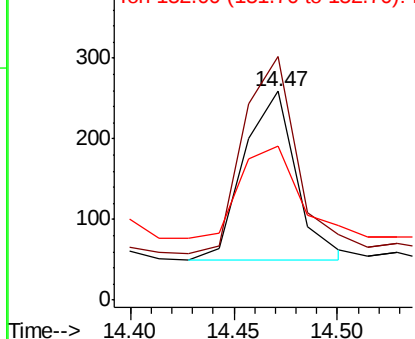


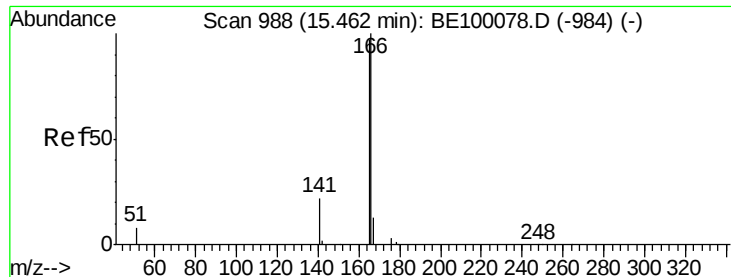
#17
Acenaphthene
Concen: 0.074 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100137.D
Acq: 21 Jun 2019 15:40

Tgt Ion: 154 Resp: 370
Ion Ratio Lower Upper
154 100
153 121.4 95.5 143.3
152 61.1 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: 0.172 ng

RT: 15.45 min Scan# 987

Delta R.T. -0.01 min

Lab File: BE100137.D

Acq: 21 Jun 2019 15:40

Instrument :

BNA_E

ClientSampleId :

PST-084-B040-061319

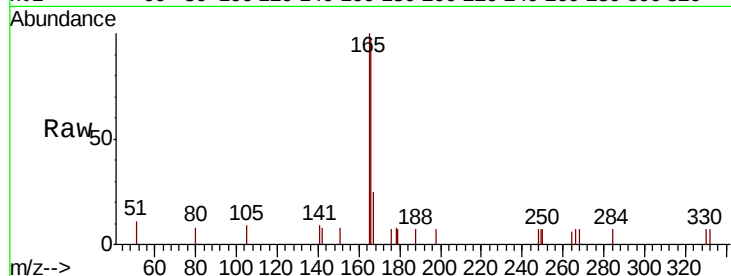
Tgt Ion:166 Resp: 1271

Ion Ratio Lower Upper

166 100

165 109.2 79.8 119.8

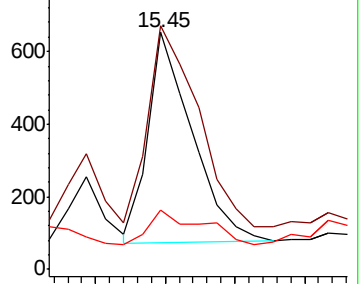
167 20.8 10.2 15.4#



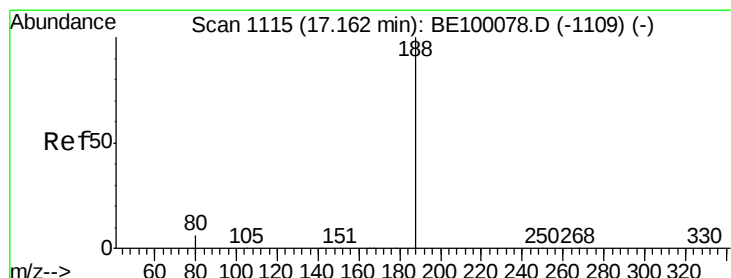
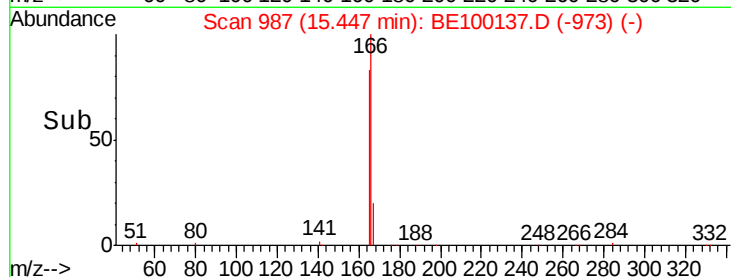
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.15 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE100137.D

Acq: 21 Jun 2019 15:40

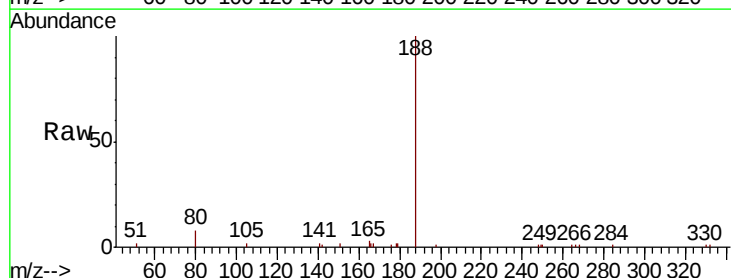
Tgt Ion:188 Resp: 6600

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

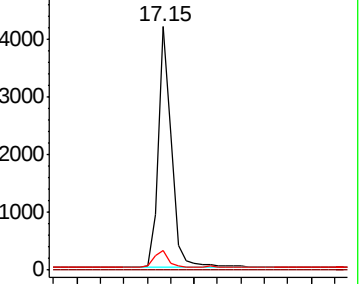
80 8.2 6.3 9.5



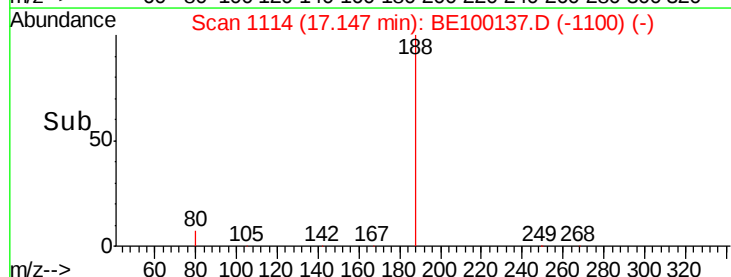
Abundance Ion 188.00 (187.70 to 188.70): E

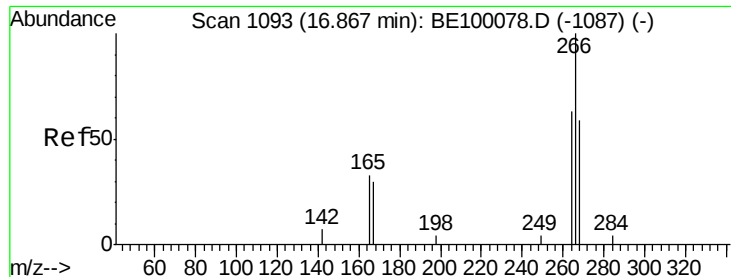
Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



Time-->

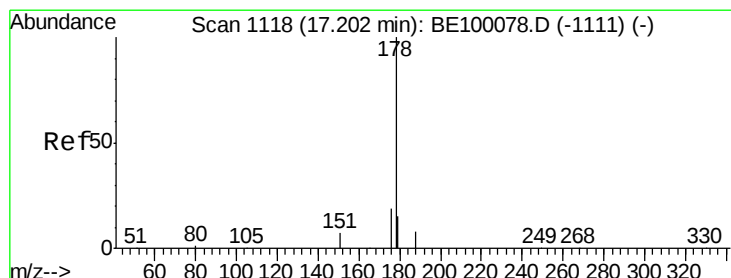
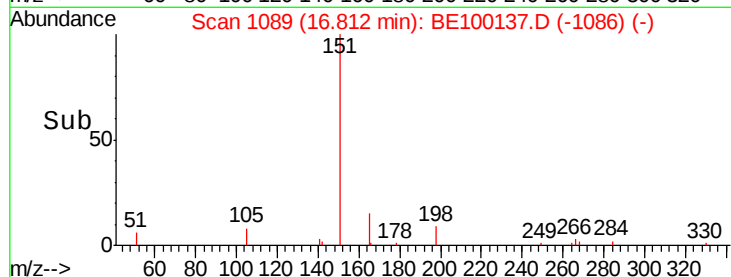
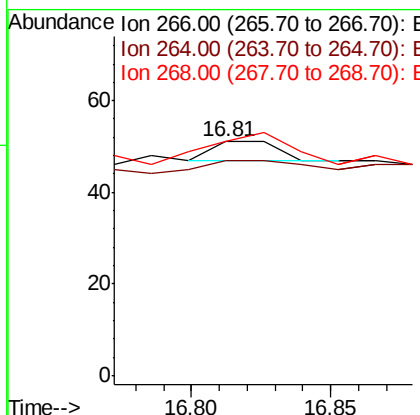
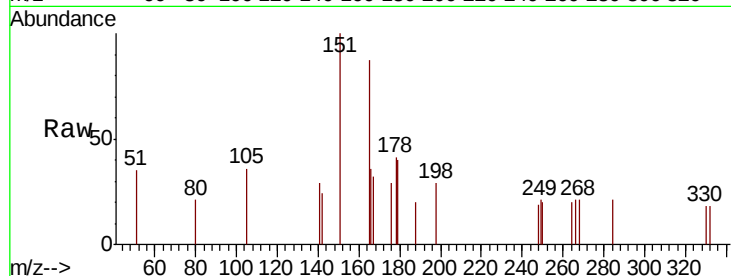




#22
 Pentachlorophenol
 Concen: 0.246 ng
 RT: 16.81 min Scan# 1089
 Delta R.T. -0.05 min
 Lab File: BE100137.D
 Acq: 21 Jun 2019 15:40

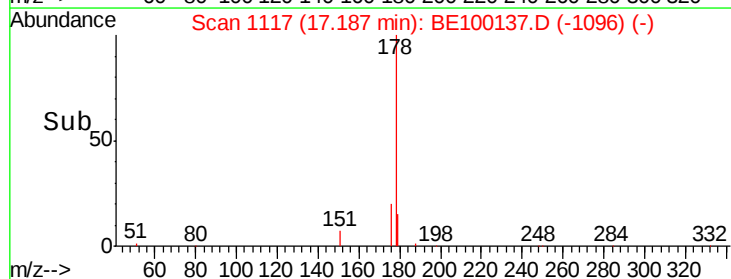
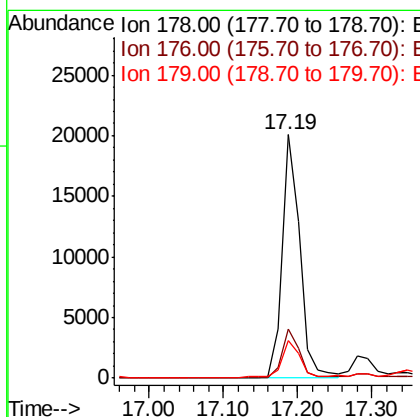
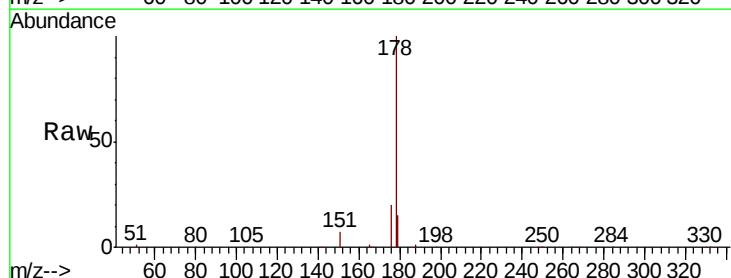
Instrument :
 BNA_E
 ClientSampleId :
 PST-084-B040-061319

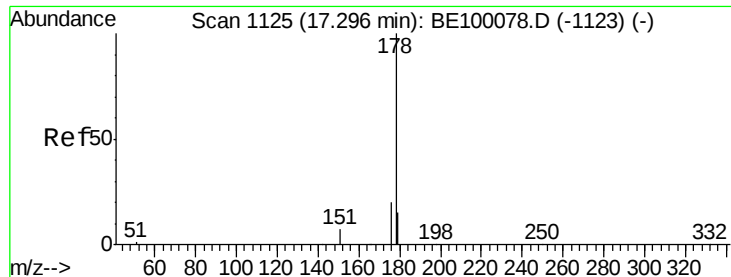
Tgt Ion: 266 Resp: 6
 Ion Ratio Lower Upper
 266 100
 264 92.2 67.8 101.6
 268 100.0 70.0 105.0



#23
 Phenanthrene
 Concen: 2.054 ng
 RT: 17.19 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BE100137.D
 Acq: 21 Jun 2019 15:40

Tgt Ion: 178 Resp: 32487
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 15.5 13.1 19.7





#24

Anthracene

Concen: 0.250 ng

RT: 17.28 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BE100137.D

Acq: 21 Jun 2019 15:40

Instrument :

BNA_E

ClientSampleId :

PST-084-B040-061319

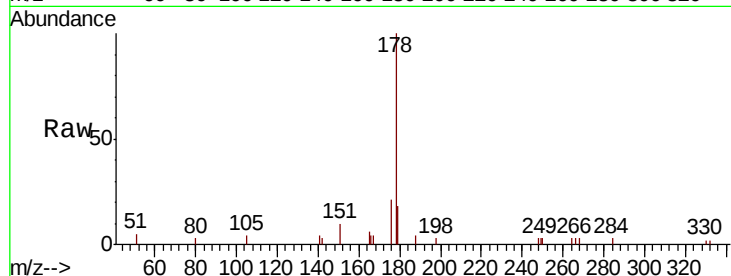
Tgt Ion:178 Resp: 3333

Ion Ratio Lower Upper

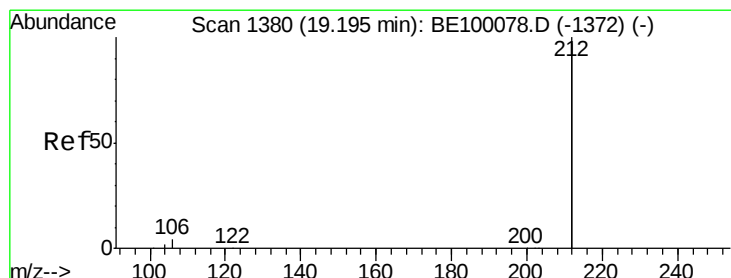
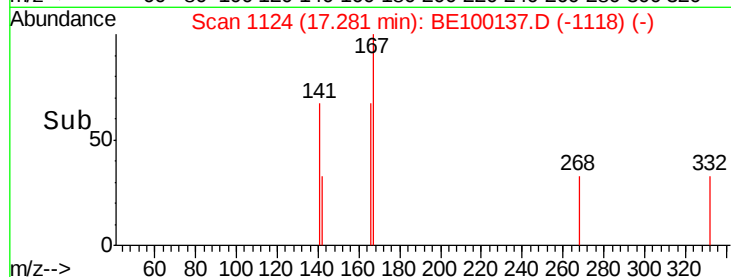
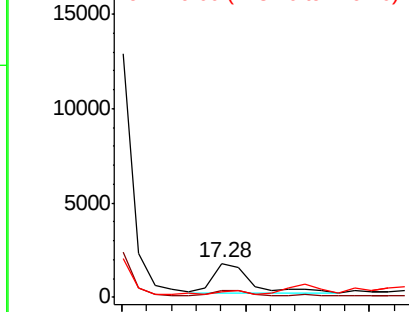
178 100

176 18.7 15.8 23.6

179 8.9 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: 0.019 ng

RT: 19.18 min Scan# 1378

Delta R.T. -0.01 min

Lab File: BE100137.D

Acq: 21 Jun 2019 15:40

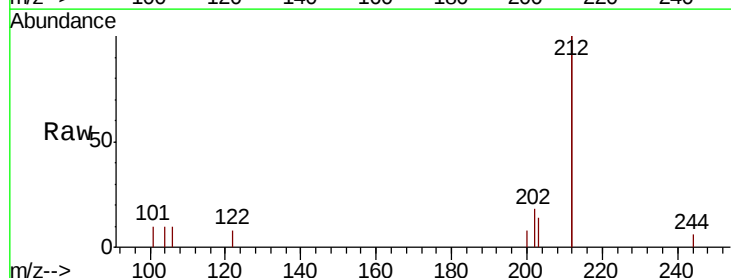
Tgt Ion:212 Resp: 1746

Ion Ratio Lower Upper

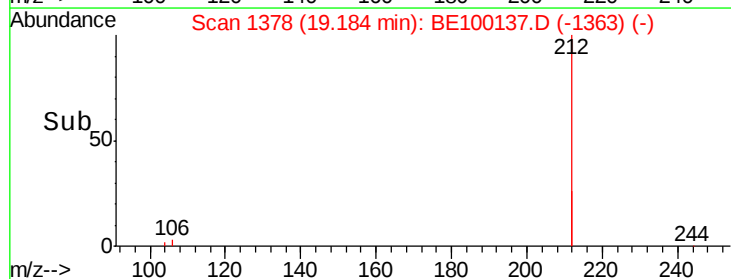
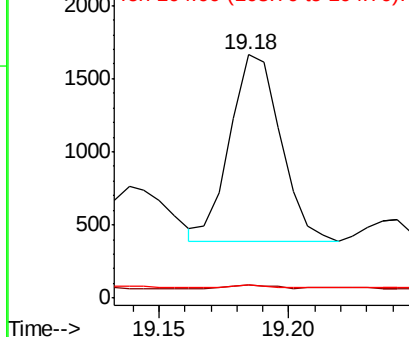
212 100

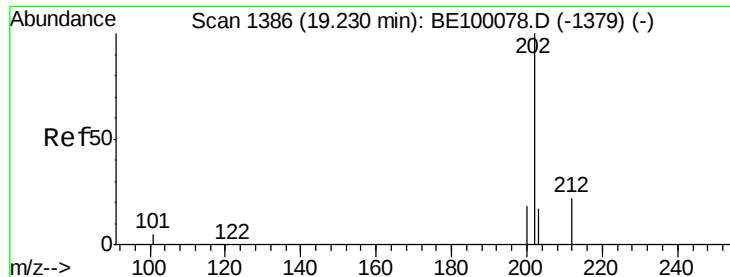
106 2.3 1.4 2.0#

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

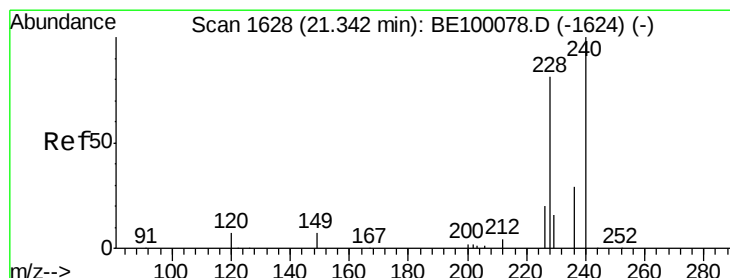
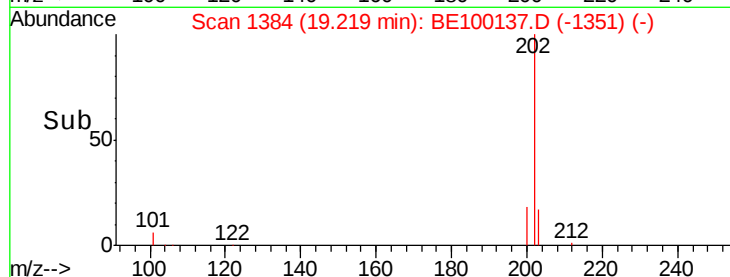
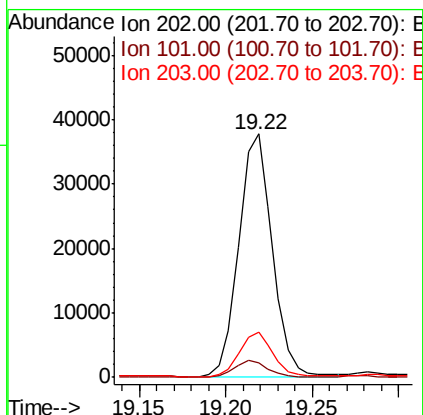
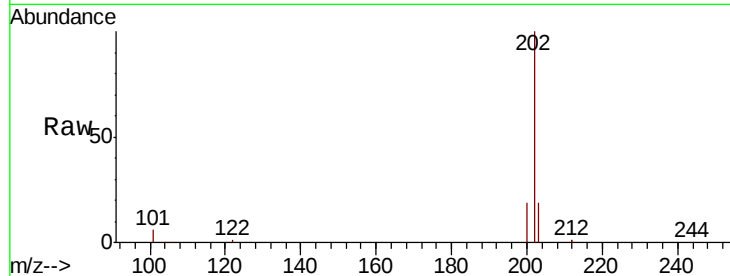




#26
Fluoranthene
Concen: 1.998 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BE100137.D
Acq: 21 Jun 2019 15:40

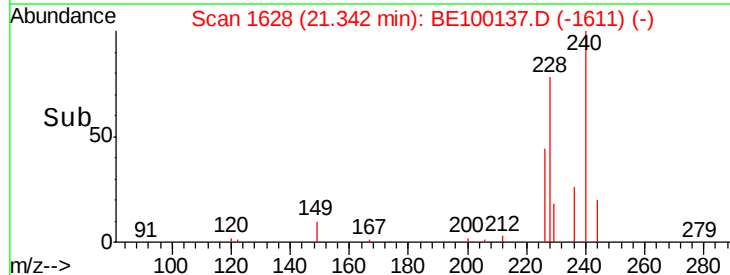
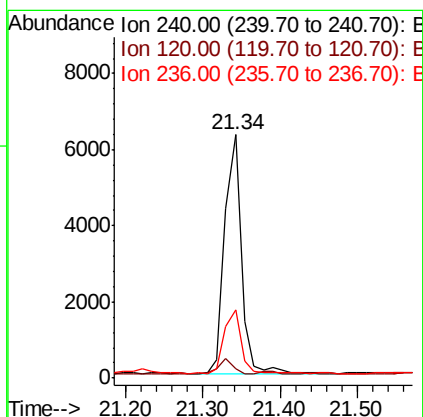
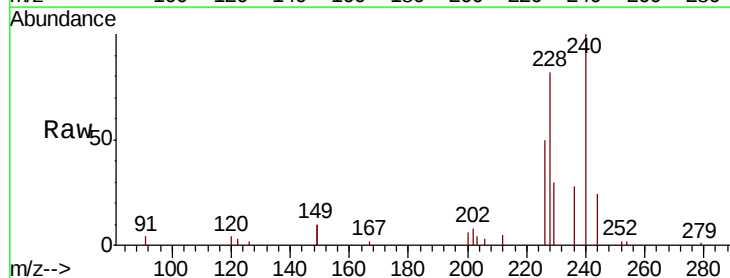
Instrument :
BNA_E
ClientSampleId :
PST-084-B040-061319

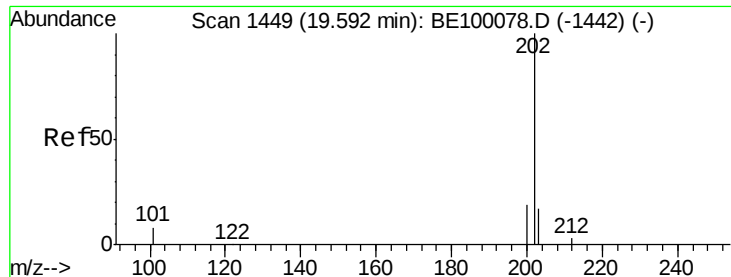
Tgt Ion:202 Resp: 50706
Ion Ratio Lower Upper
202 100
101 6.7 5.0 7.4
203 18.0 13.7 20.5



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100137.D
Acq: 21 Jun 2019 15:40

Tgt Ion:240 Resp: 9430
Ion Ratio Lower Upper
240 100
120 4.1 6.6 10.0#
236 28.0 23.8 35.6

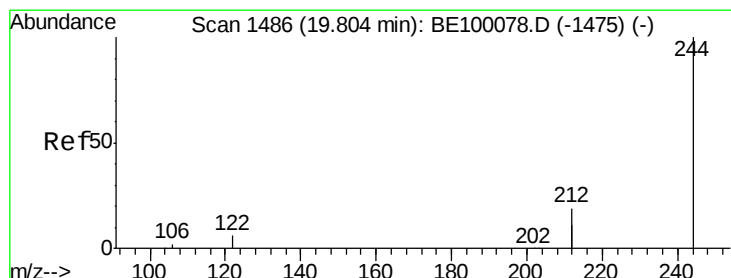
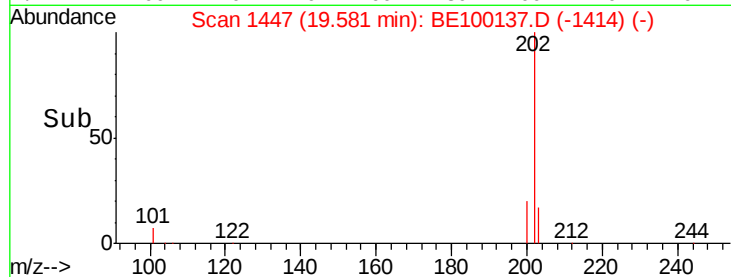
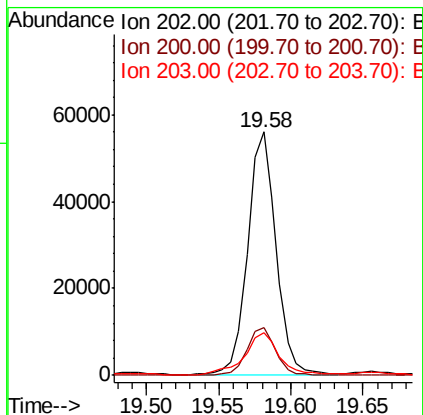
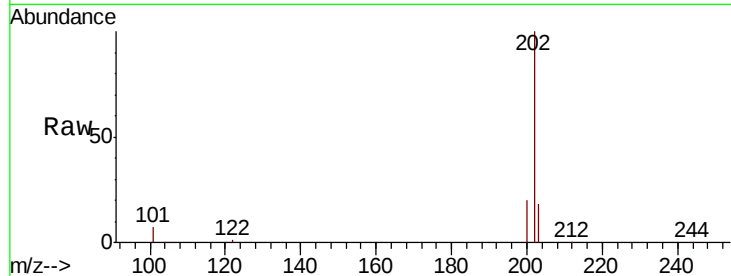




#28
 Pyrene
 Concen: 3.161 ng
 RT: 19.58 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BE100137.D
 Acq: 21 Jun 2019 15:40

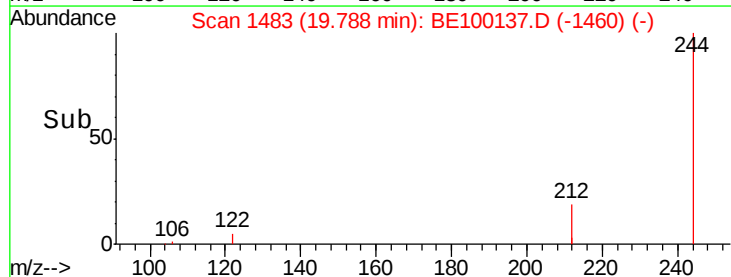
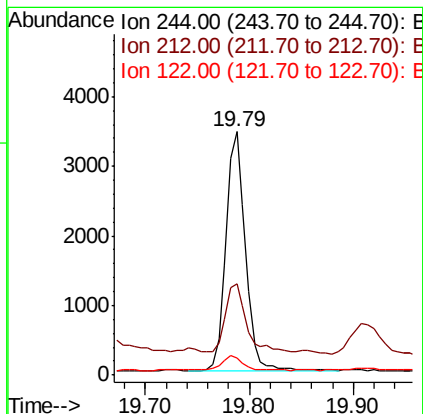
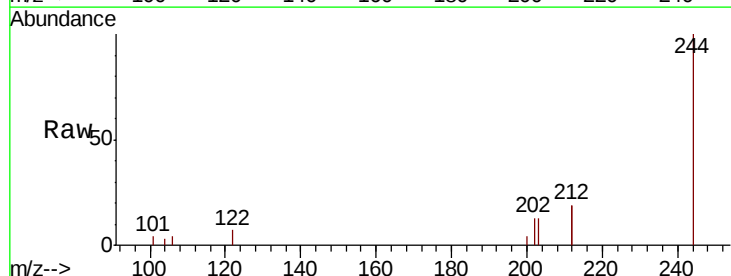
Instrument :
 BNA_E
 ClientSampleId :
 PST-084-B040-061319

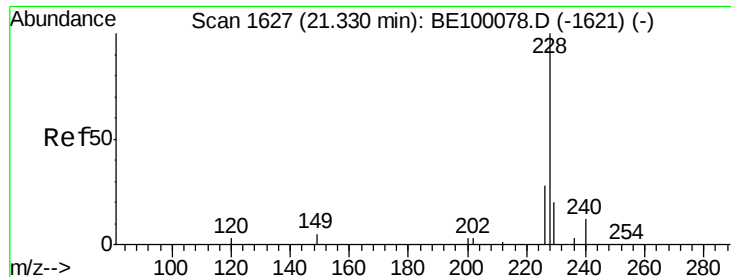
Tgt Ion: 202 Resp: 76605
 Ion Ratio Lower Upper
 202 100
 200 19.7 15.6 23.4
 203 20.5 13.9 20.9



#29
 Terphenyl-d14
 Concen: 0.236 ng
 RT: 19.79 min Scan# 1483
 Delta R.T. -0.02 min
 Lab File: BE100137.D
 Acq: 21 Jun 2019 15:40

Tgt Ion: 244 Resp: 4455
 Ion Ratio Lower Upper
 244 100
 212 37.4 29.8 44.8
 122 7.0 6.1 9.1





#30

Benzo(a)anthracene

Concen: 1.340 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BE100137.D

Acq: 21 Jun 2019 15:40

Instrument :

BNA_E

ClientSampleId :

PST-084-B040-061319

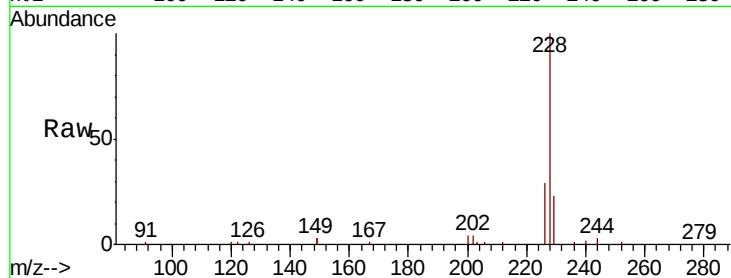
Tgt Ion:228 Resp: 37584

Ion Ratio Lower Upper

228 100

226 29.5 23.0 34.4

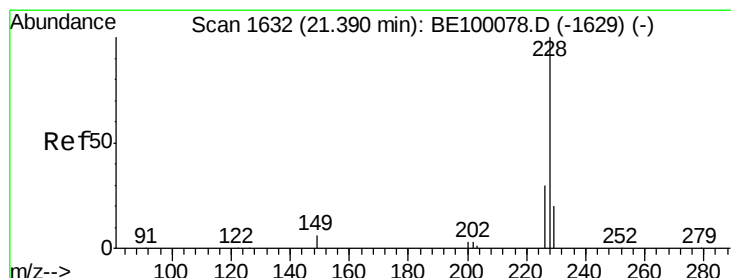
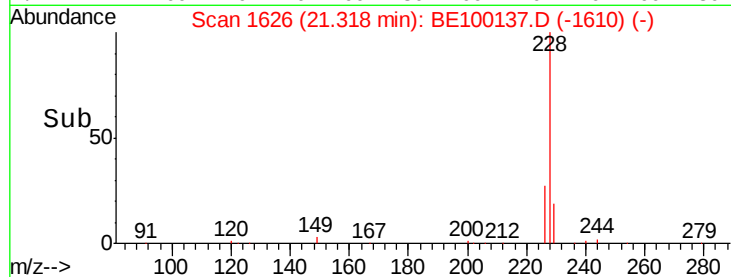
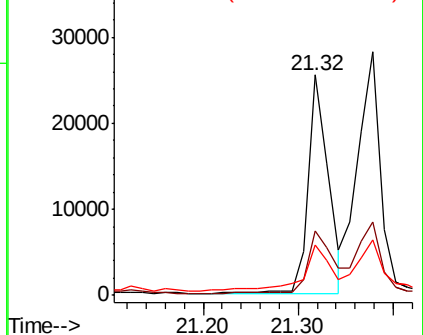
229 22.9 16.4 24.6



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: 1.429 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE100137.D

Acq: 21 Jun 2019 15:40

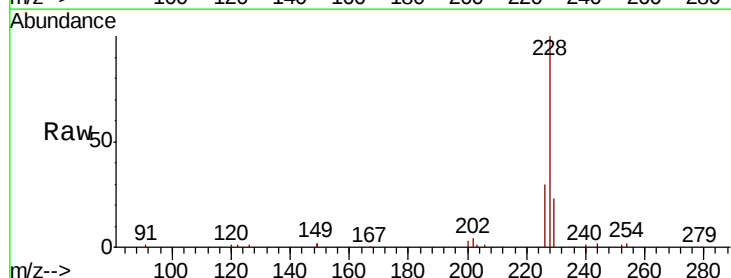
Tgt Ion:228 Resp: 46590

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.8

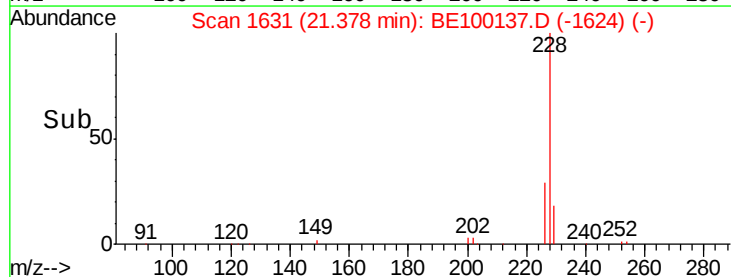
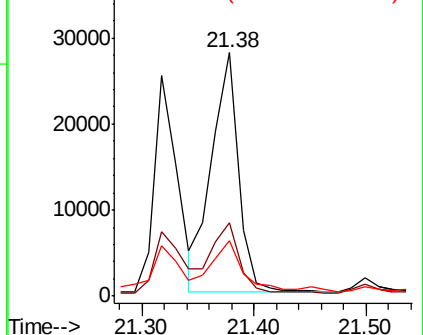
229 22.7 16.3 24.5

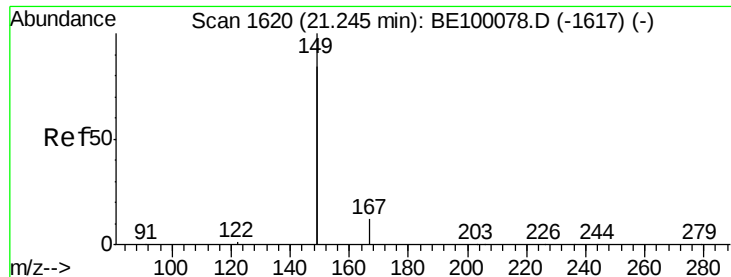


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

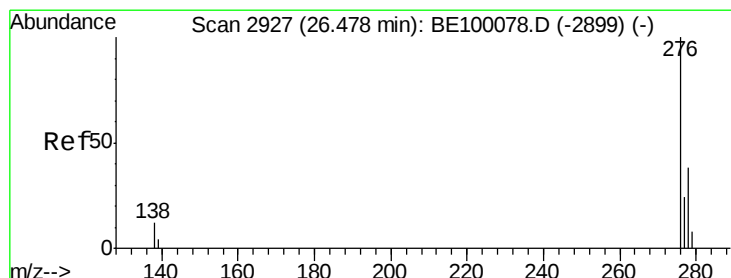
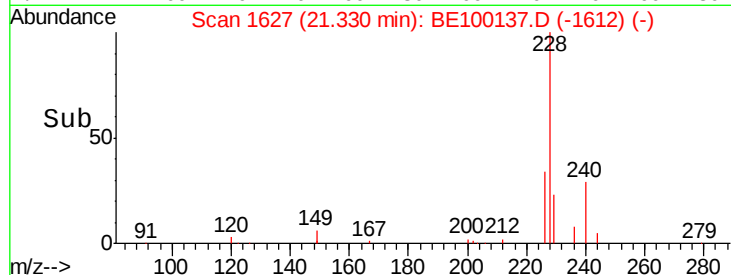
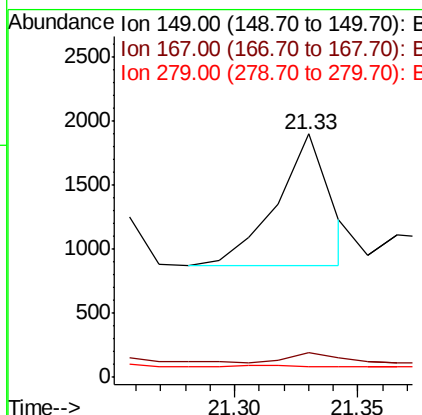
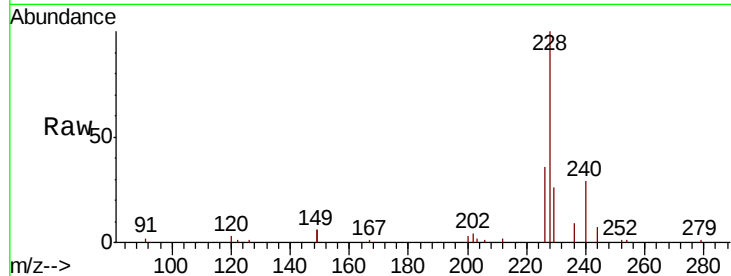




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.059 ng
 RT: 21.33 min Scan# 1627
 Delta R.T. 0.08 min
 Lab File: BE100137.D
 Acq: 21 Jun 2019 15:40

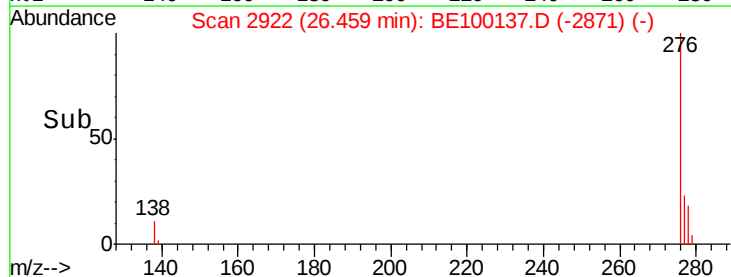
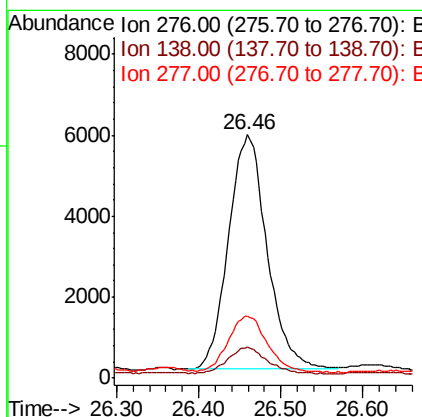
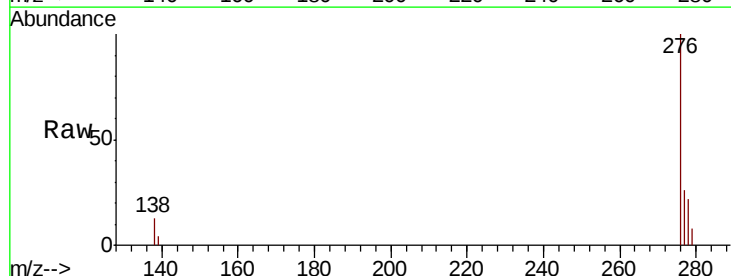
Instrument :
 BNA_E
 ClientSampleId :
 PST-084-B040-061319

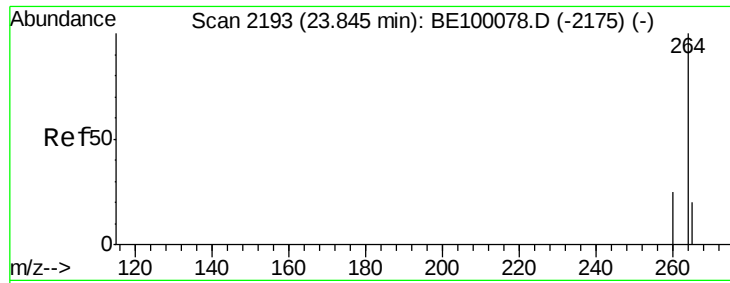
Tgt Ion:149 Resp: 1558
 Ion Ratio Lower Upper
 149 100
 167 7.1 5.8 8.6
 279 1.5 1.1 1.7



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.517 ng
 RT: 26.46 min Scan# 2922
 Delta R.T. -0.02 min
 Lab File: BE100137.D
 Acq: 21 Jun 2019 15:40

Tgt Ion:276 Resp: 18980
 Ion Ratio Lower Upper
 276 100
 138 11.2 4.3 6.5#
 277 24.4 19.4 29.0

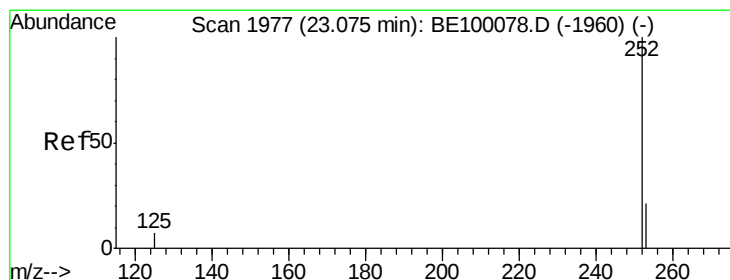
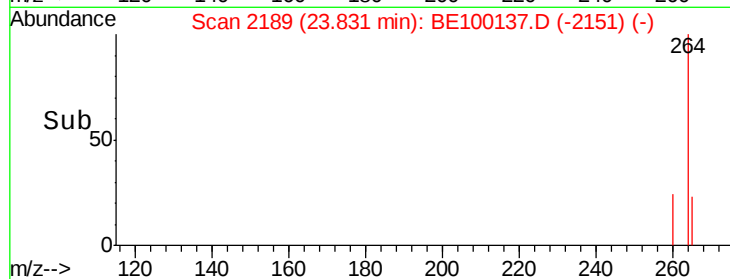
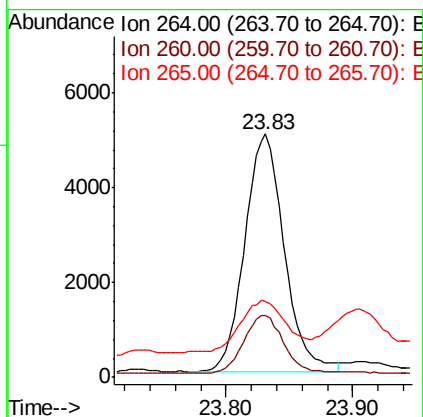
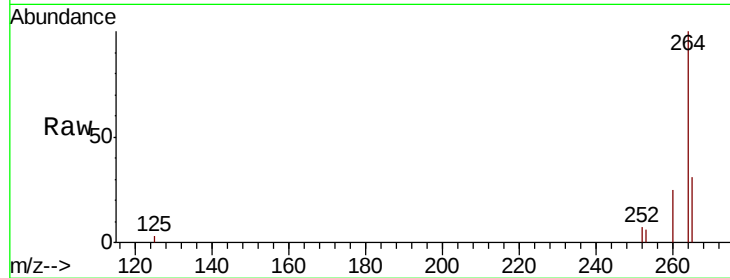




#34
Perylene-d12
 Concen: 0.400 ng
 RT: 23.83 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: BE100137.D
 Acq: 21 Jun 2019 15:40

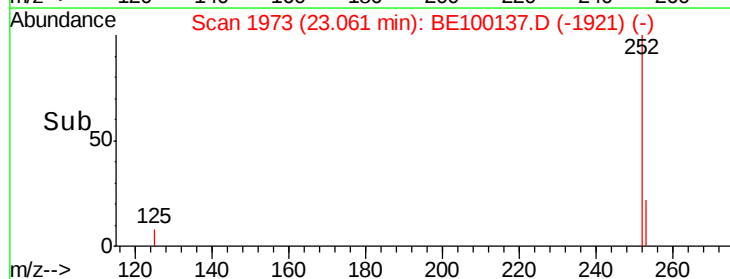
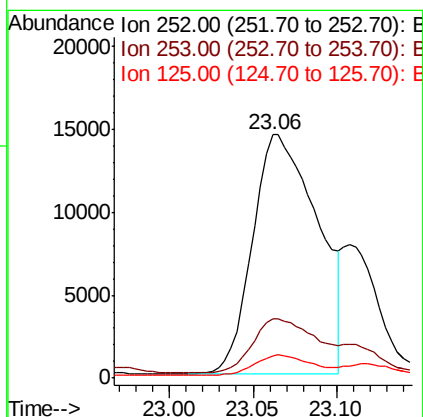
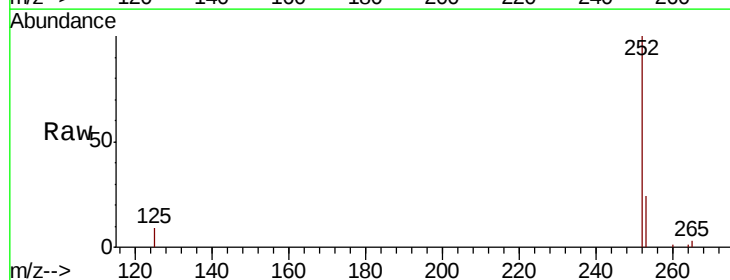
Instrument :
 BNA_E
 ClientSampleId :
 PST-084-B040-061319

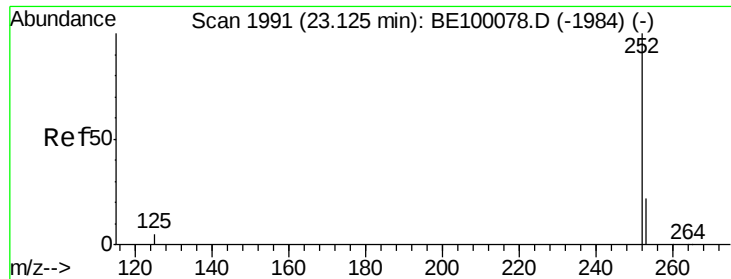
Tgt Ion: 264 Resp: 10940
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.8 31.2
 265 31.3 23.2 34.8



#35
Benzo(b)fluoranthene
 Concen: 1.215 ng
 RT: 23.06 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BE100137.D
 Acq: 21 Jun 2019 15:40

Tgt Ion: 252 Resp: 38989
 Ion Ratio Lower Upper
 252 100
 253 24.3 18.4 27.6
 125 9.3 6.4 9.6





#36

Benzo(k)fluoranthene

Concen: 1.068 ng

RT: 23.06 min Scan# 1973

Delta R.T. -0.06 min

Lab File: BE100137.D

Acq: 21 Jun 2019 15:40

Instrument :

BNA_E

ClientSampleId :

PST-084-B040-061319

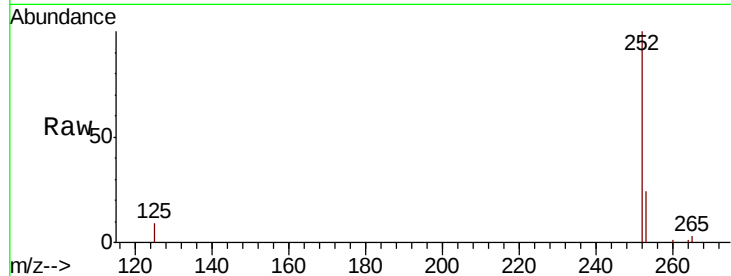
Tgt Ion:252 Resp: 38989

Ion Ratio Lower Upper

252 100

253 24.3 18.9 28.3

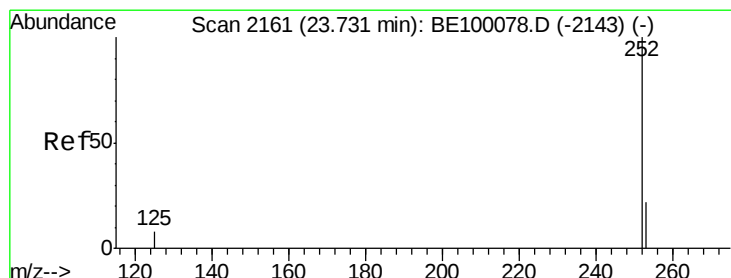
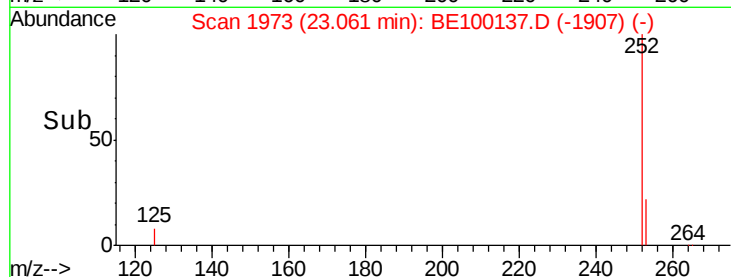
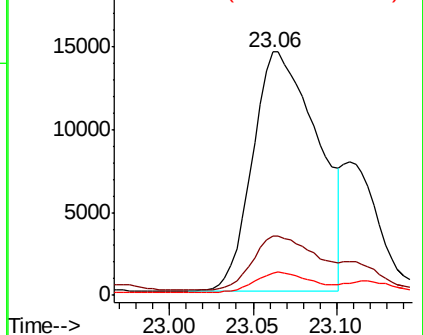
125 9.3 5.3 7.9#



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: 0.989 ng

RT: 23.71 min Scan# 2156

Delta R.T. -0.02 min

Lab File: BE100137.D

Acq: 21 Jun 2019 15:40

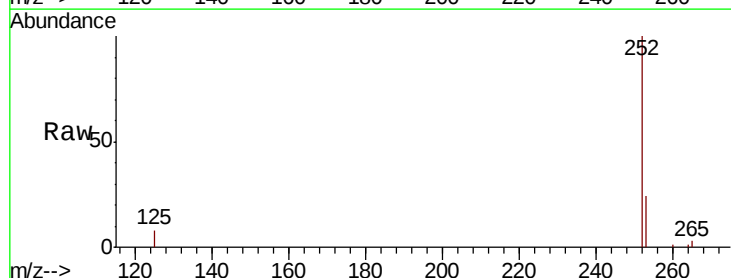
Tgt Ion:252 Resp: 30633

Ion Ratio Lower Upper

252 100

253 23.8 19.4 29.2

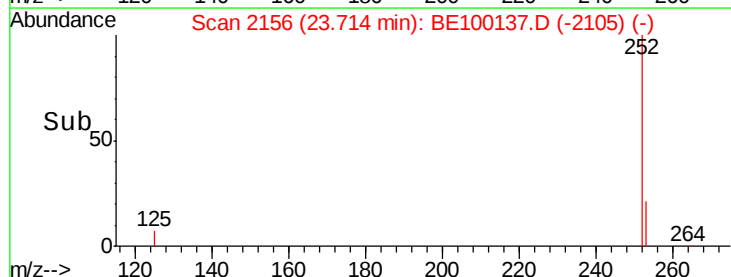
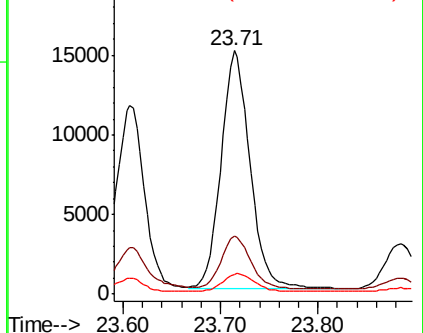
125 8.0 8.0 12.0

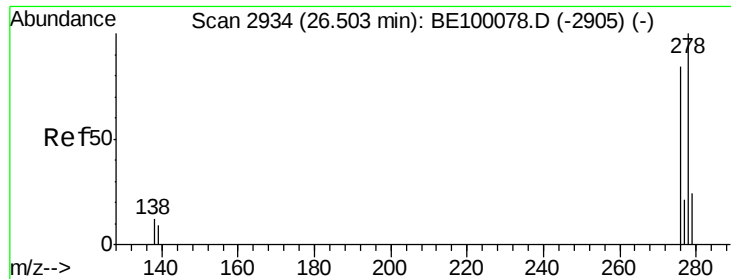


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.166 ng

RT: 26.47 min Scan# 2925

Delta R.T. -0.03 min

Lab File: BE100137.D

Acq: 21 Jun 2019 15:40

Instrument :

BNA_E

ClientSampleId :

PST-084-B040-061319

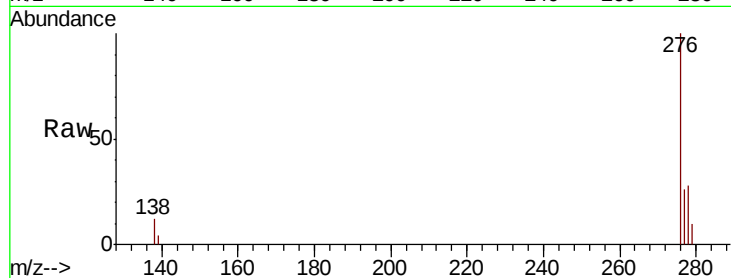
Tgt Ion: 278 Resp: 5262

Ion Ratio Lower Upper

278 100

139 15.3 9.0 13.6#

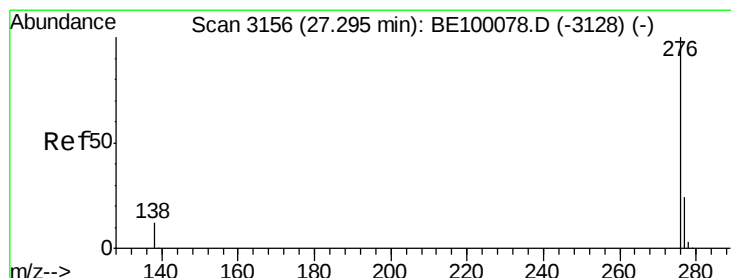
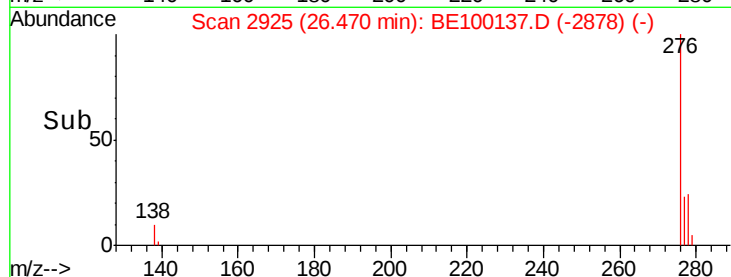
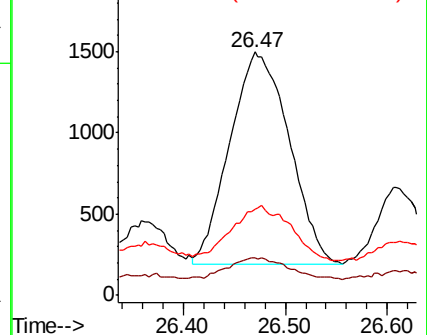
279 35.6 21.4 32.0#



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: 0.686 ng

RT: 27.28 min Scan# 3151

Delta R.T. -0.02 min

Lab File: BE100137.D

Acq: 21 Jun 2019 15:40

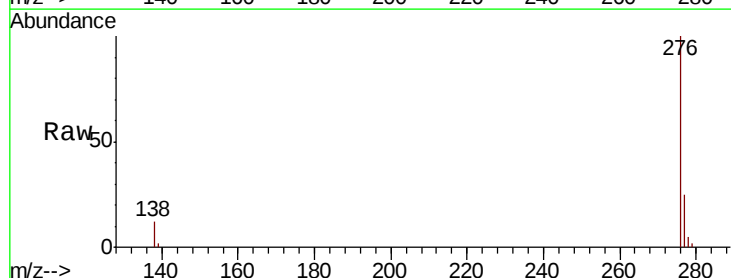
Tgt Ion: 276 Resp: 22644

Ion Ratio Lower Upper

276 100

277 25.4 20.3 30.5

138 12.1 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

