

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE110719\
 Data File : BE100704.D
 Acq On : 7 Nov 2019 16:44
 Operator : JU
 Sample : K5725-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SO-3MS

Quant Time: Nov 08 06:21:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 16:49:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	6037	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	35121	0.40	ng	0.01
13) Acenaphthene-d10	14.44	164	30783	0.40	ng	-0.03
19) Phenanthrene-d10	17.17	188	50378	0.40	ng	-0.03
27) Chrysene-d12	21.29	240	2163	0.40	ng	-0.06
34) Perylene-d12	23.77	264	11943	0.40	ng	-0.06

System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	5143	0.28	ng	0.00
5) Phenol-d6	7.01	99	9873	0.38	ng	0.00
8) Nitrobenzene-d5	9.00	82	184120	8.46	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	30459	0.55	ng	0.04
14) 2,4,6-Tribromophenol	16.01	330	860	0.11	ng	0.07
15) 2-Fluorobiphenyl	13.06	172	97951	0.87	ng	-0.04
25) Fluoranthene-d10	19.17	212	83961	0.13	ng	-0.05
29) Terphenyl-d14	19.79	244	3717	0.79	ng	-0.03

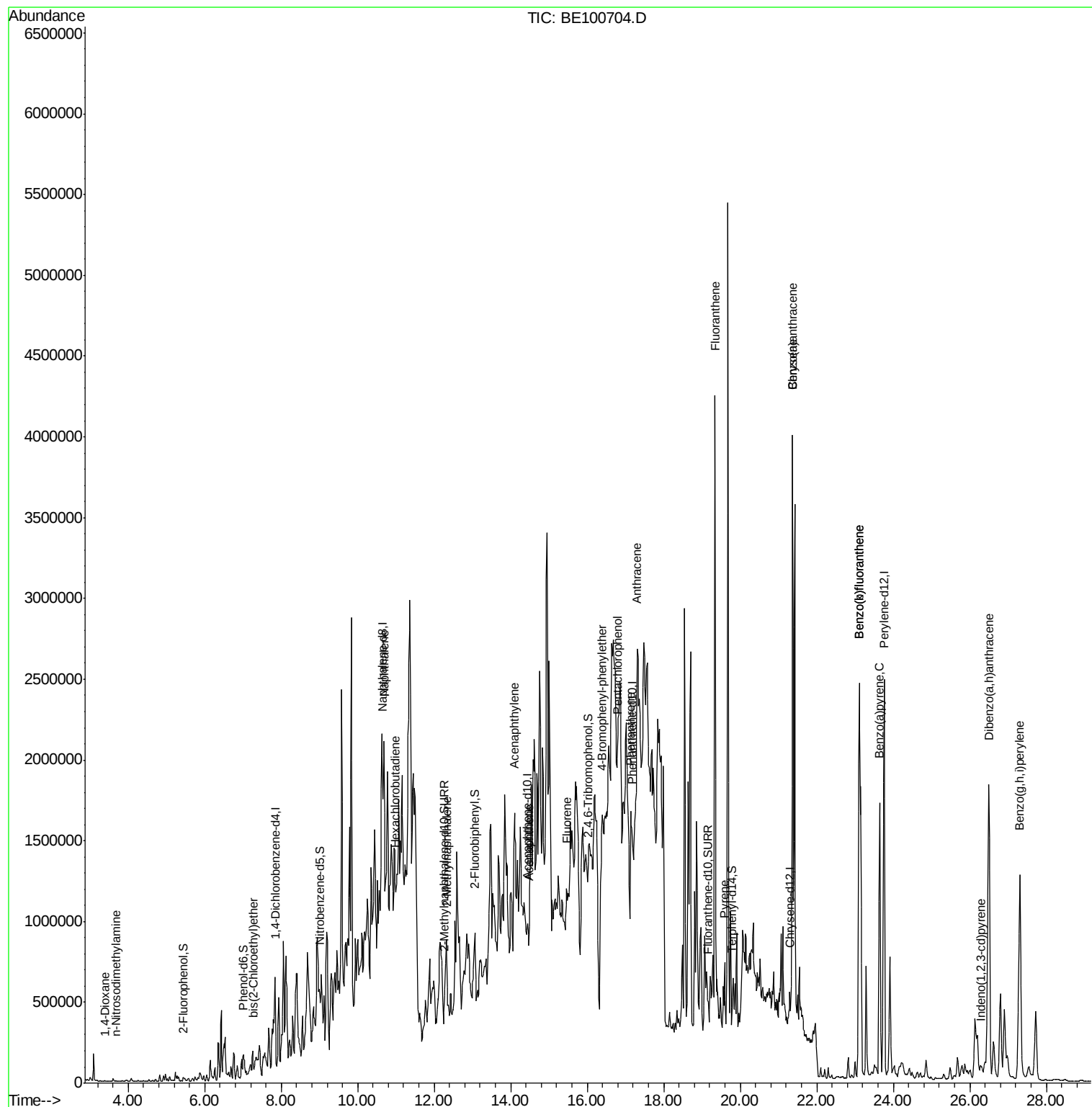
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	1772	0.165	ng	# 11
3) n-Nitrosodimethylamine	3.68	42	2304	0.202	ng	# 82
6) bis(2-Chloroethyl)ether	7.26	93	11301	0.524	ng	# 1
9) Naphthalene	10.69	128	1942912	5.261	ng	# 96
10) Hexachlorobutadiene	10.99	225	3811	0.238	ng	# 98
12) 2-Methylnaphthalene	12.32	142	231960	3.685	ng	# 9
16) Acenaphthylene	14.10	152	236735	1.787	ng	# 1
17) Acenaphthene	14.49	154	24301	0.284	ng	# 5
18) Fluorene	15.46	166	104723	0.921	ng	# 1
20) 4-Bromophenyl-phenylether	16.39	248	21849	0.852	ng	# 1
22) Pentachlorophenol	16.79	266	2911	0.370	ng	# 7
23) Phenanthrene	17.13	178	167161	1.206	ng	# 62
24) Anthracene	17.31	178	2515526	19.565	ng	# 92
26) Fluoranthene	19.34	202	4662909	25.783	ng	# 98
28) Pyrene	19.59	202	172309	28.513	ng	# 9
30) Benzo(a)anthracene	21.37	228	3737926	529.766	ng	# 89
31) Chrysene	21.37	228	3690135	523.323	ng	# 94
33) Indeno(1,2,3-cd)pyrene	26.27	276	127826	14.750	ng	# 80
35) Benzo(b)fluoranthene	23.11	252	5348240	153.578	ng	# 97
36) Benzo(k)fluoranthene	23.11	252	5348240	149.326	ng	# 93
37) Benzo(a)pyrene	23.64	252	2974544	91.761	ng	# 96
38) Dibenzo(a,h)anthracene	26.51	278	1038593	30.998	ng	# 95
39) Benzo(g,h,i)perylene	27.31	276	3330769	98.843	ng	# 98

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

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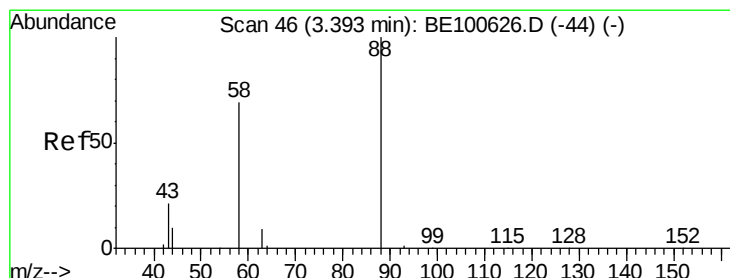
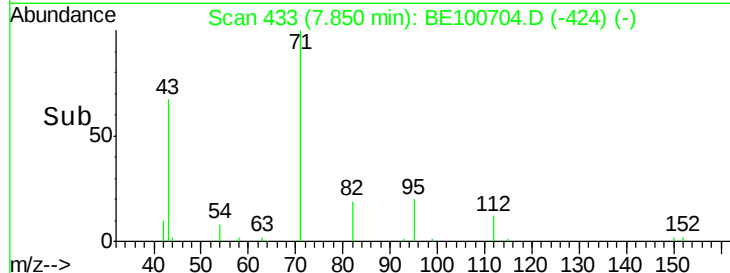
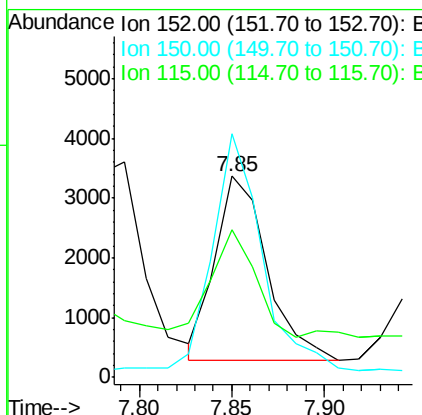
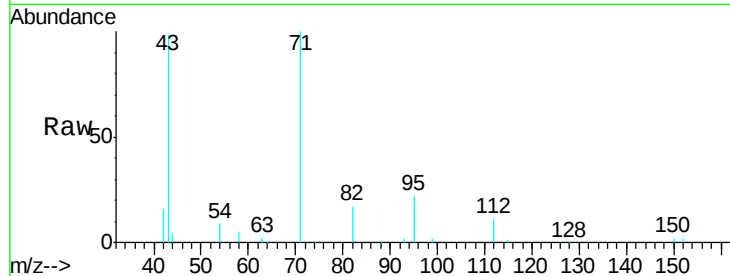




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.85 min Scan# 433
 Delta R.T. -0.00 min
 Lab File: BE100704.D
 Acq: 7 Nov 2019 16:44

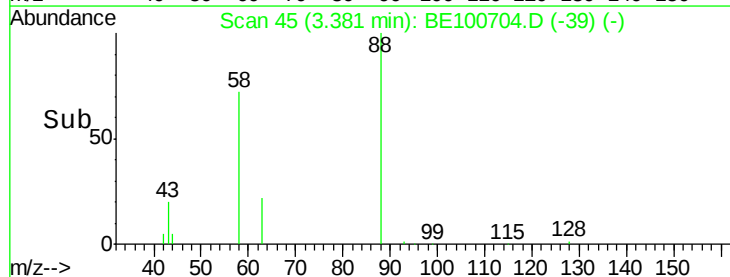
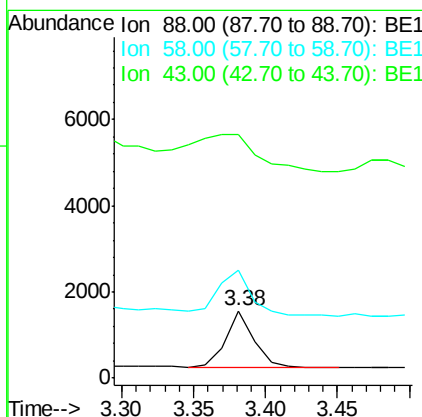
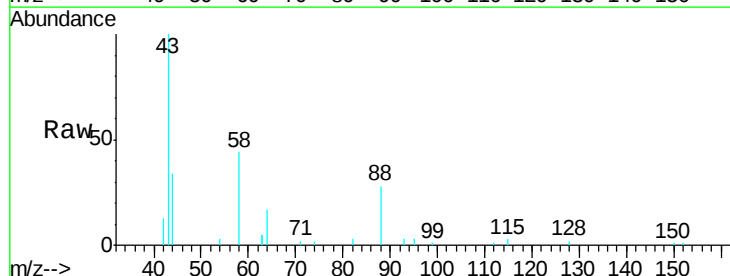
Instrument :
 BNA_E
 ClientSampleId :
 SO-3MS

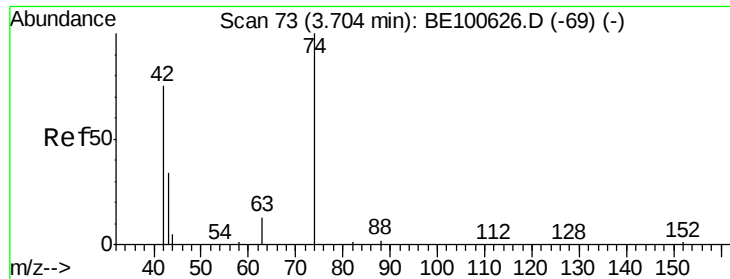
Tgt Ion: 152 Resp: 6037
 Ion Ratio Lower Upper
 152 100
 150 121.3 123.3 184.9#
 115 73.2 51.9 77.9



#2
 1,4-Dioxane
 Concen: 0.165 ng
 RT: 3.38 min Scan# 45
 Delta R.T. -0.00 min
 Lab File: BE100704.D
 Acq: 7 Nov 2019 16:44

Tgt Ion: 88 Resp: 1772
 Ion Ratio Lower Upper
 88 100
 58 102.3 59.8 89.6#
 43 154.5 24.6 36.8#





#3

n-Nitrosodimethylamine

Concen: 0.202 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE100704.D

Acq: 7 Nov 2019 16:44

Instrument :

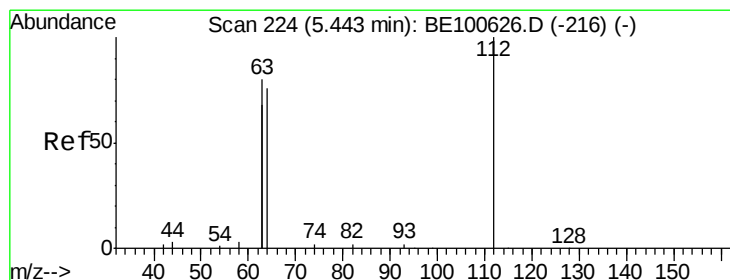
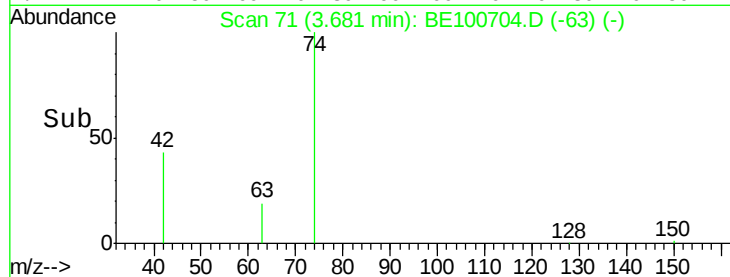
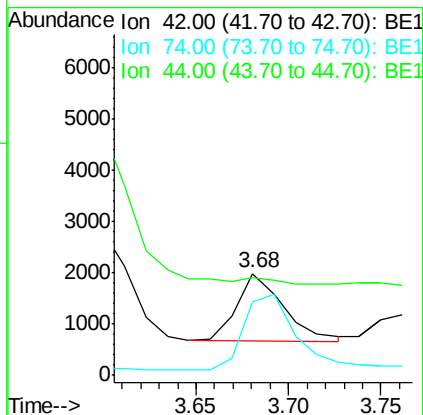
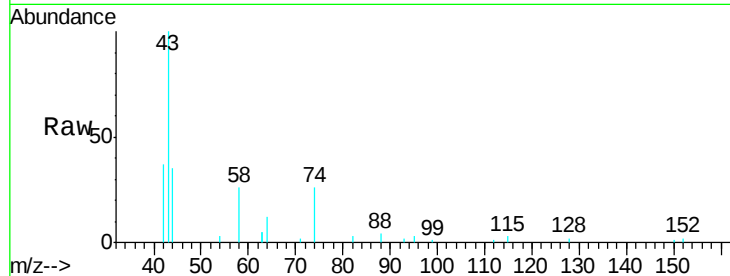
BNA_E

ClientSampled :

SO-3MS

Tgt Ion: 42 Resp: 2304

Ion	Ratio	Lower	Upper
42	100		
74	136.0	97.2	145.8
44	0.0	16.6	24.8#



#4

2-Fluorophenol

Concen: 0.276 ng

RT: 5.44 min Scan# 224

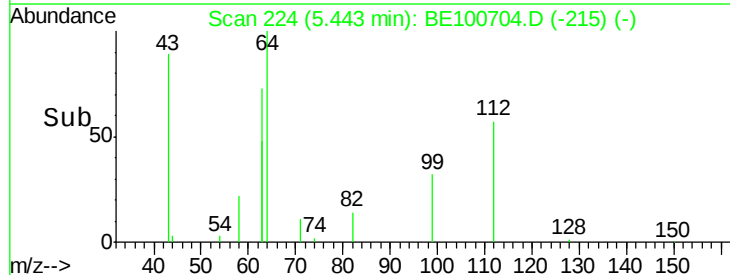
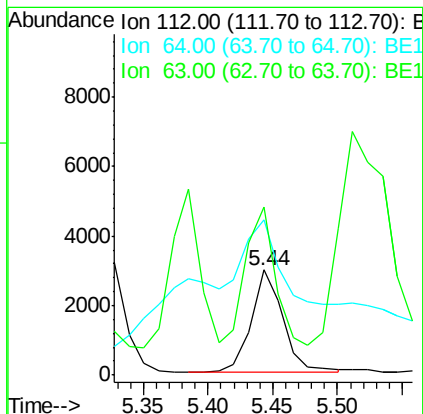
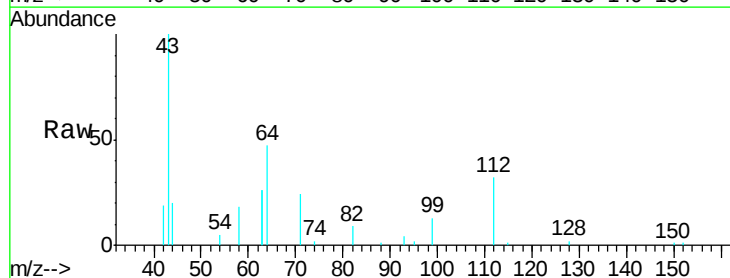
Delta R.T. -0.00 min

Lab File: BE100704.D

Acq: 7 Nov 2019 16:44

Tgt Ion: 112 Resp: 5143

Ion	Ratio	Lower	Upper
112	100		
64	87.3	55.4	83.2#
63	121.3	114.2	171.4





#5

Phenol-d6

Concen: 0.376 ng

RT: 7.01 min Scan# 360

Delta R.T. -0.00 min

Lab File: BE100704.D

Acq: 7 Nov 2019 16:44

Instrument :

BNA_E

ClientSampleId :

SO-3MS

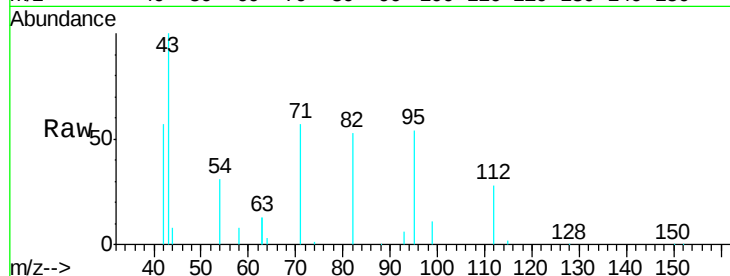
Tgt Ion: 99 Resp: 9873

Ion Ratio Lower Upper

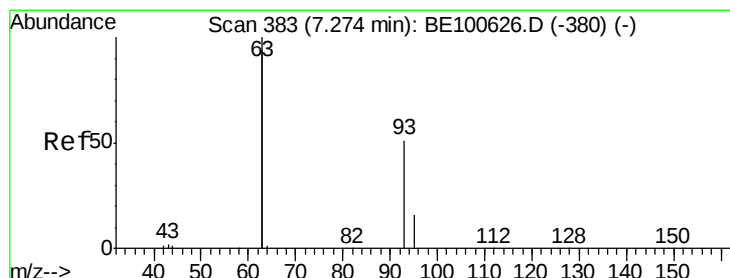
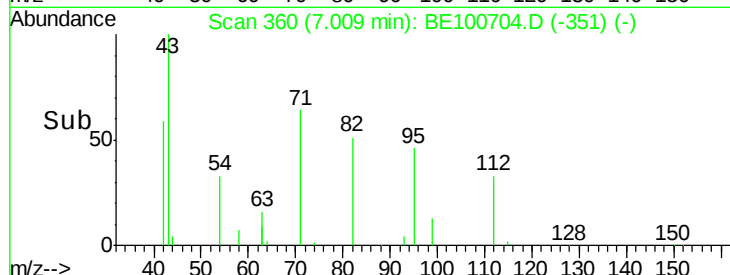
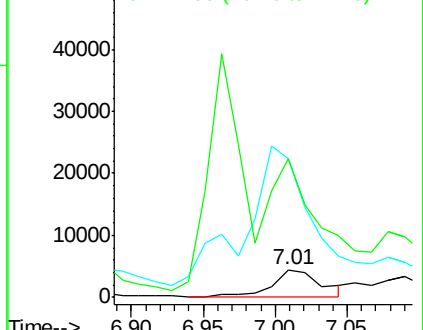
99 100

42 745.1 17.7 26.5#

71 402.3 27.4 41.0#



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: 0.524 ng

RT: 7.26 min Scan# 382

Delta R.T. -0.01 min

Lab File: BE100704.D

Acq: 7 Nov 2019 16:44

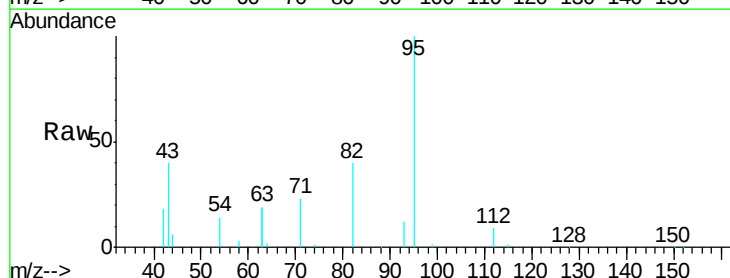
Tgt Ion: 93 Resp: 11301

Ion Ratio Lower Upper

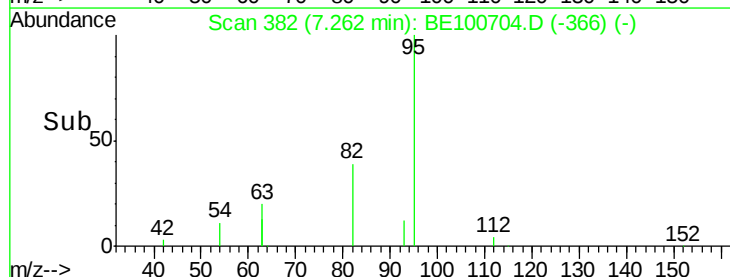
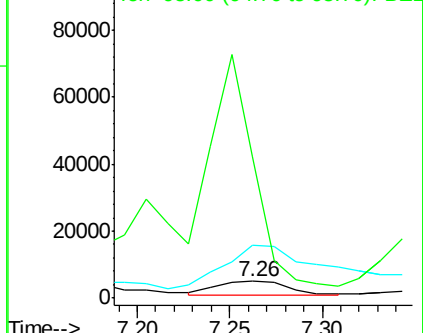
93 100

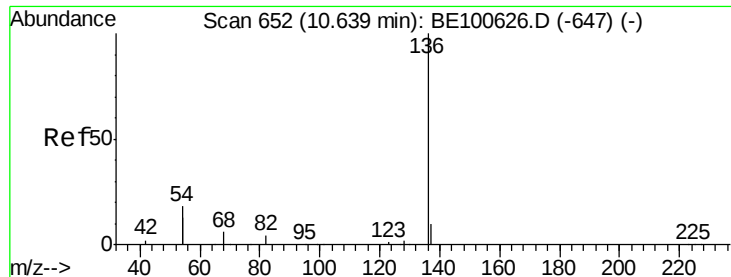
63 527.0 268.8 403.2#

95 1418.9 25.6 38.4#



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.64 min Scan# 652

Delta R.T. 0.01 min

Lab File: BE100704.D

Acq: 7 Nov 2019 16:44

Instrument :

BNA_E

ClientSampleId :

SO-3MS

Tgt Ion:136 Resp: 35121

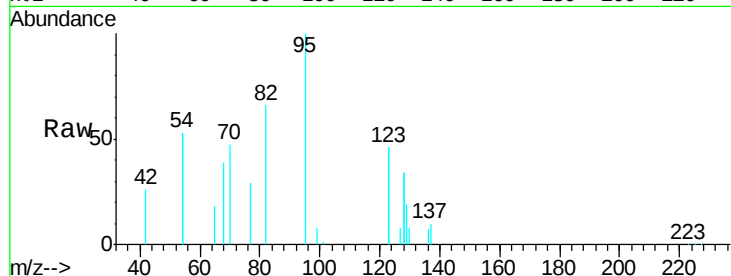
Ion Ratio Lower Upper

136 100

137 156.1 9.2 13.8#

54 1584.6 39.4 59.2#

68 587.1 8.0 12.0#

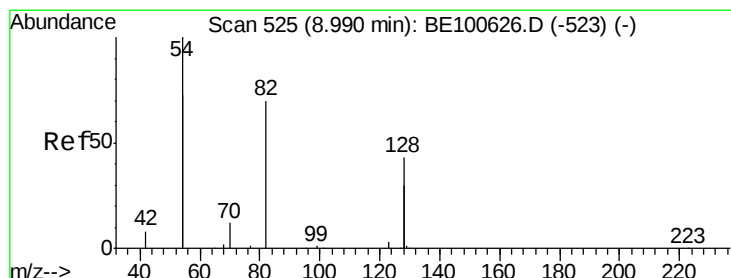
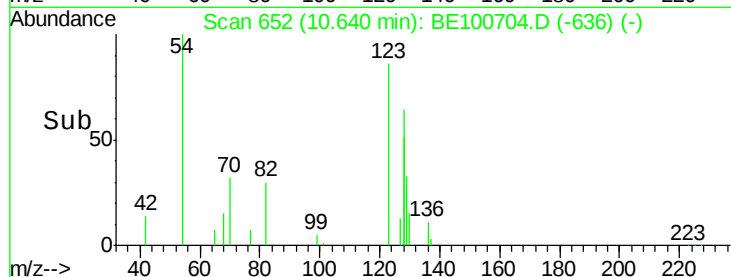
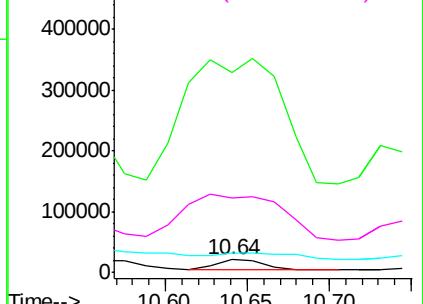


Abundance Ion 136.00 (135.70 to 136.70): E

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: 8.458 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.01 min

Lab File: BE100704.D

Acq: 7 Nov 2019 16:44

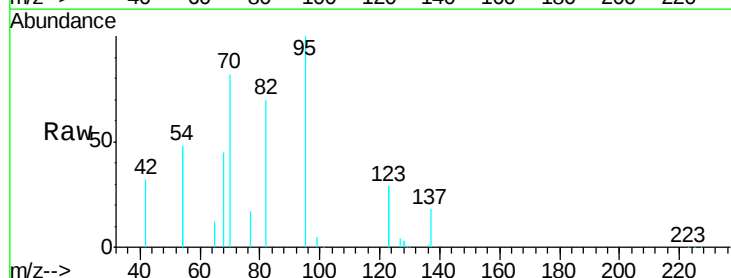
Tgt Ion: 82 Resp: 184120

Ion Ratio Lower Upper

82 100

128 7.9 107.8 161.8#

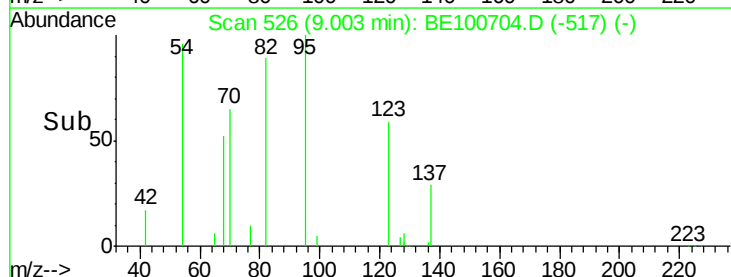
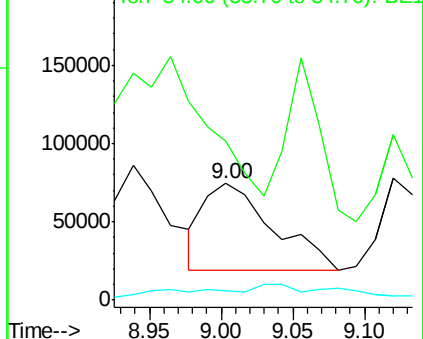
54 136.5 166.1 249.1#



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: 5.261 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.01 min

Lab File: BE100704.D

Acq: 7 Nov 2019 16:44

Instrument :

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ClientSampleId :

SO-3MS

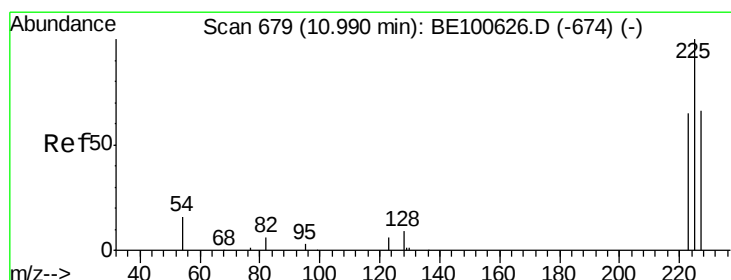
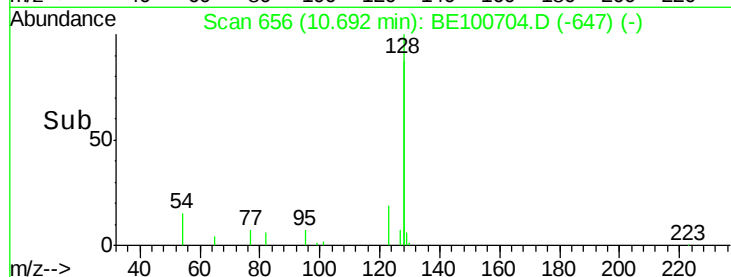
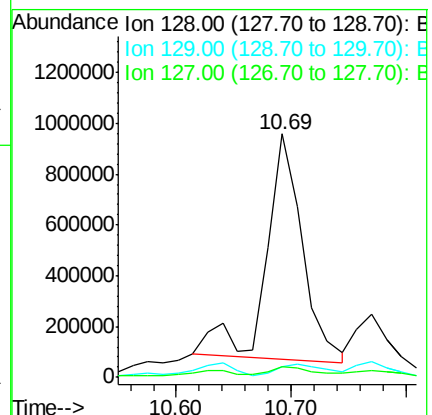
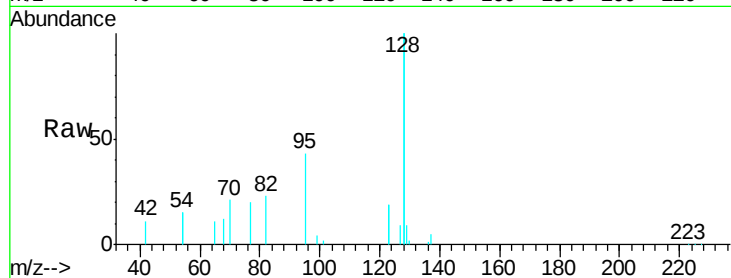
Tgt Ion:128 Resp: 1942912

Ion Ratio Lower Upper

128 100

129 4.6 2.3 3.5#

127 4.5 2.7 4.1#



#10

Hexachlorobutadiene

Concen: 0.238 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.01 min

Lab File: BE100704.D

Acq: 7 Nov 2019 16:44

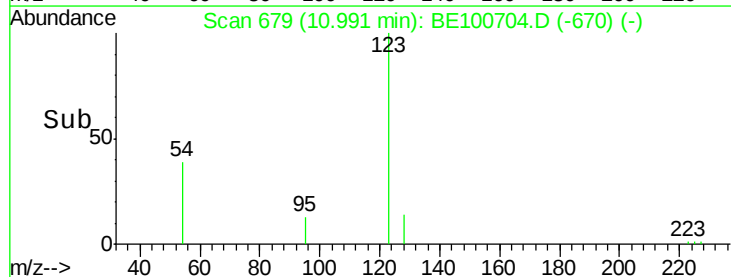
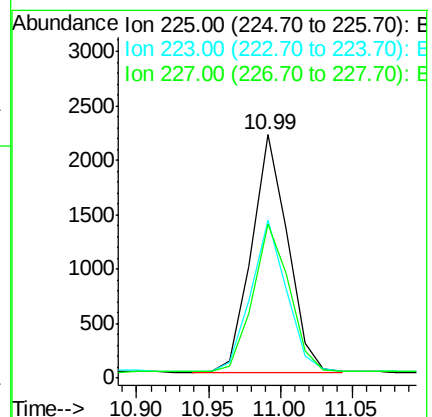
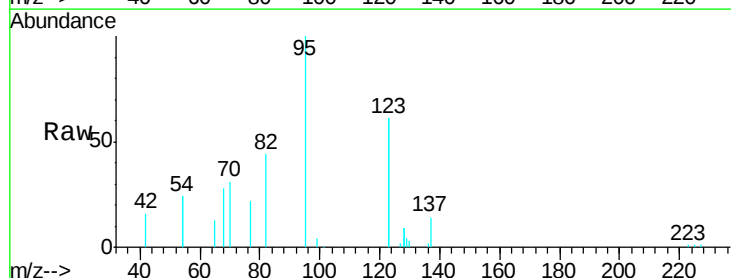
Tgt Ion:225 Resp: 3811

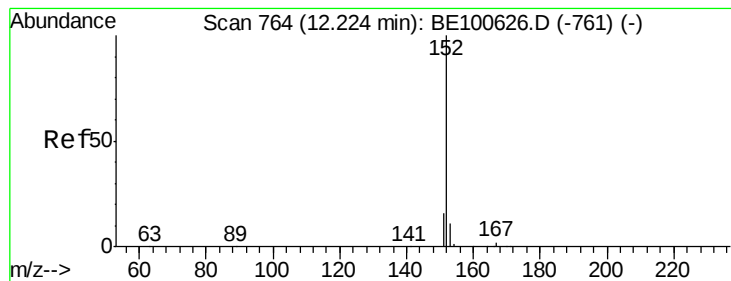
Ion Ratio Lower Upper

225 100

223 62.0 48.6 72.8

227 62.6 51.6 77.4





#11

2-Methylnaphthalene-d10

Concen: 0.550 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.04 min

Lab File: BE100704.D

Acq: 7 Nov 2019 16:44

Instrument :

BNA_E

ClientSampleId :

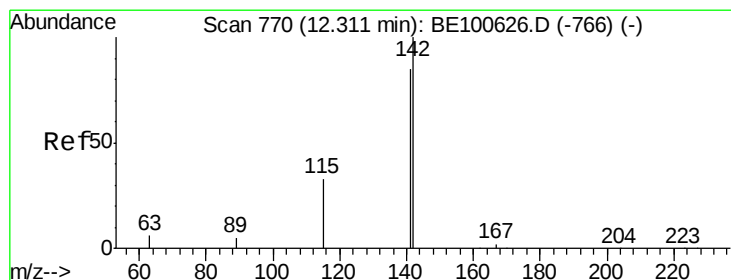
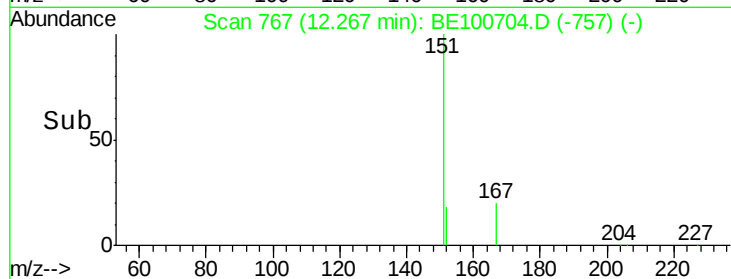
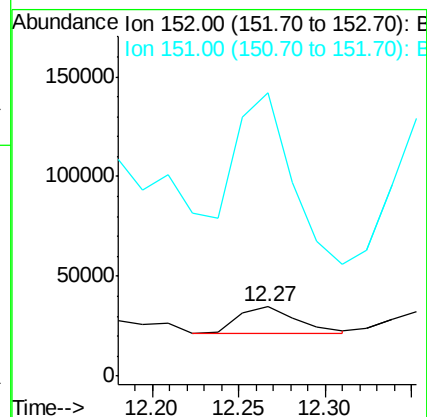
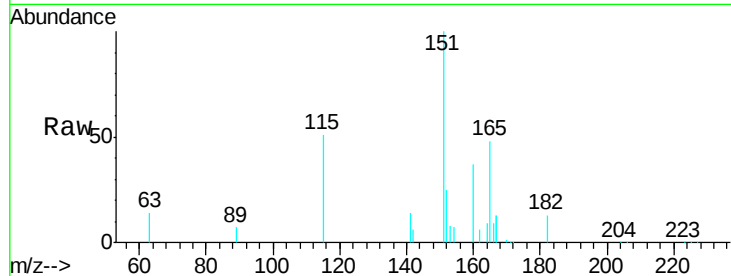
SO-3MS

Tgt Ion:152 Resp: 30459

Ion Ratio Lower Upper

152 100

151 597.8 14.7 22.1#



#12

2-Methylnaphthalene

Concen: 3.685 ng

RT: 12.32 min Scan# 771

Delta R.T. 0.03 min

Lab File: BE100704.D

Acq: 7 Nov 2019 16:44

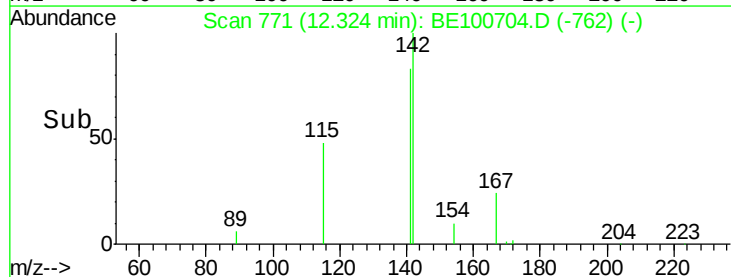
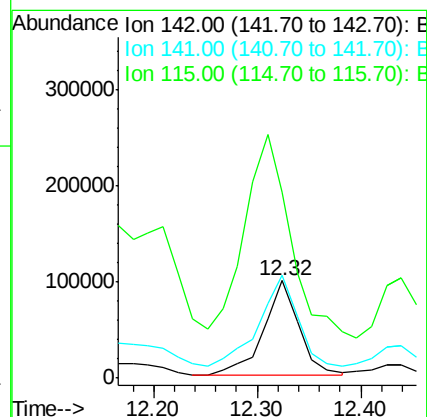
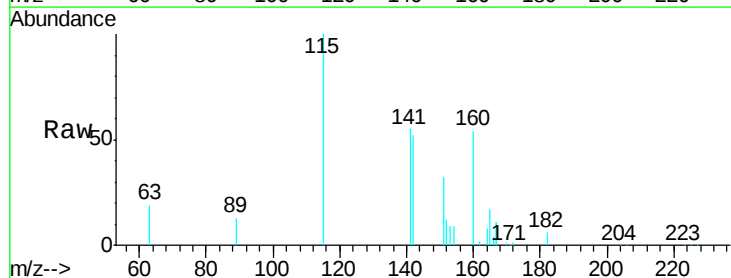
Tgt Ion:142 Resp: 231960

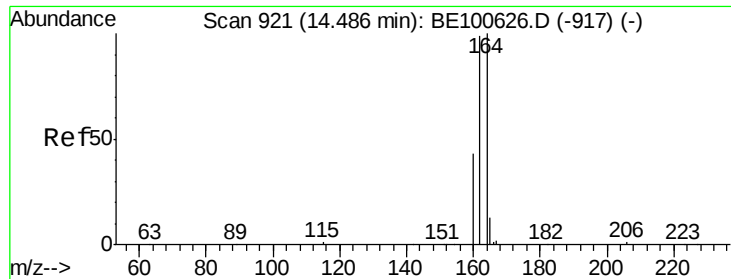
Ion Ratio Lower Upper

142 100

141 105.7 70.1 105.1#

115 191.3 28.3 42.5#

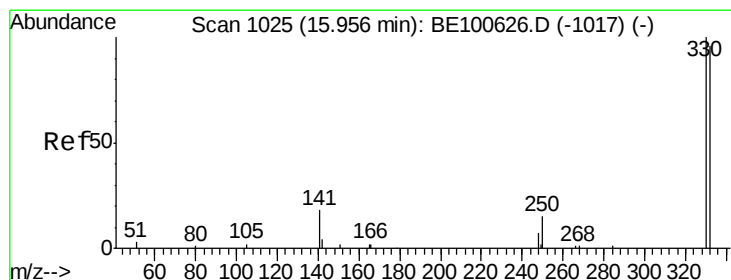
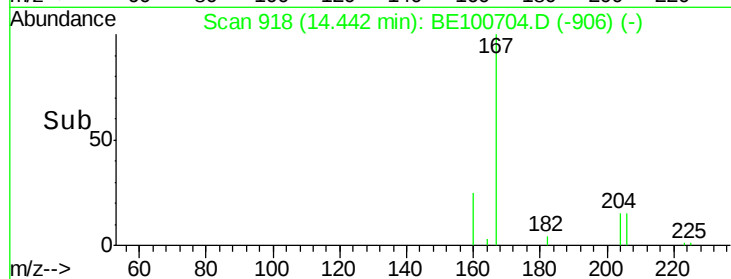
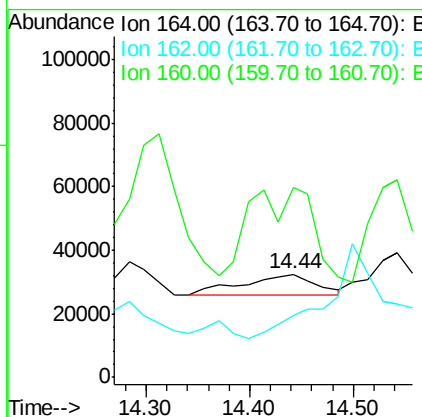
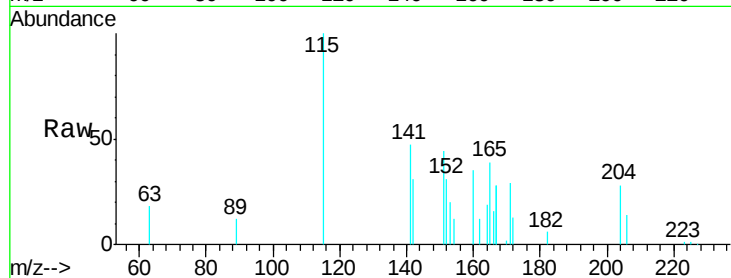




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.44 min Scan# 918
Delta R.T. -0.03 min
Lab File: BE100704.D
Acq: 7 Nov 2019 16:44

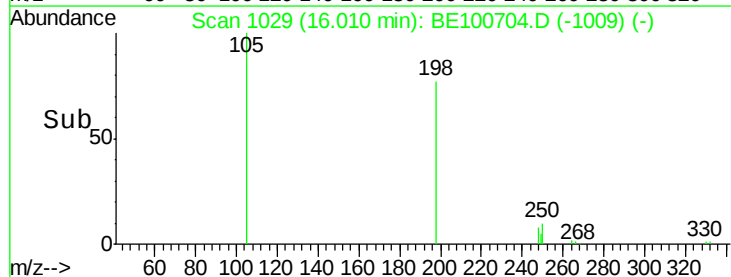
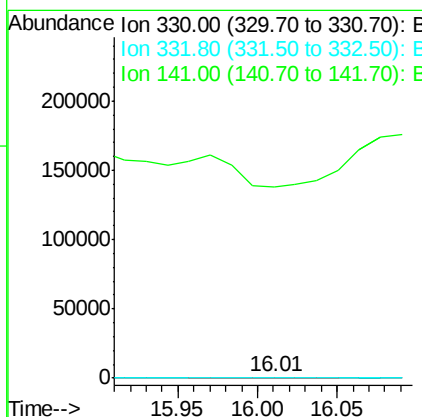
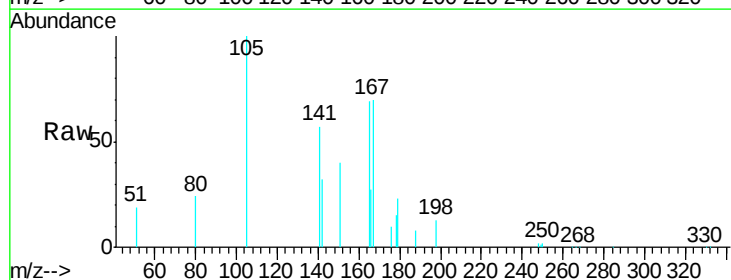
Instrument :
BNA_E
ClientSampleId :
SO-3MS

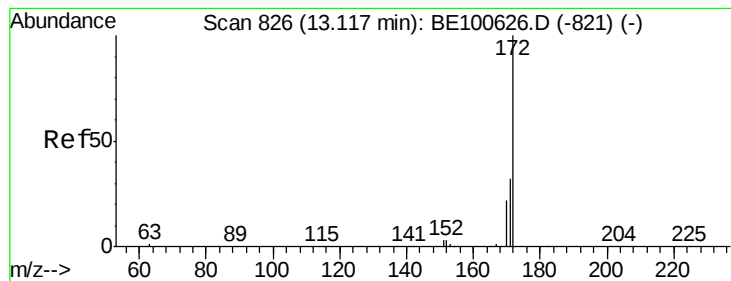
Tgt Ion:164 Resp: 30783
Ion Ratio Lower Upper
164 100
162 60.0 82.0 123.0#
160 183.6 37.5 56.3#



#14
2,4,6-Tribromophenol
Concen: 0.106 ng
RT: 16.01 min Scan# 1029
Delta R.T. 0.07 min
Lab File: BE100704.D
Acq: 7 Nov 2019 16:44

Tgt Ion:330 Resp: 860
Ion Ratio Lower Upper
330 100
332 98.5 77.9 116.9
141 0.0 33.0 49.6#





#15

2-Fluorobiphenyl

Concen: 0.873 ng

RT: 13.06 min Scan# 822

Delta R.T. -0.04 min

Lab File: BE100704.D

Acq: 7 Nov 2019 16:44

Instrument :

BNA_E

ClientSampleId :

SO-3MS

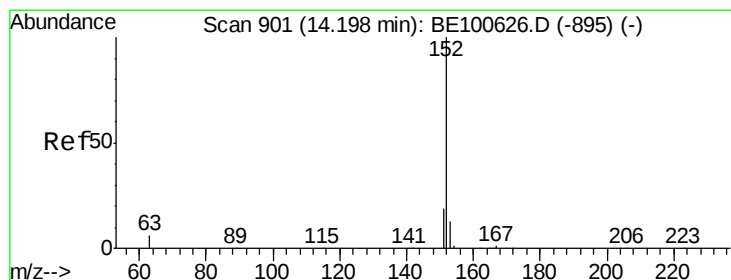
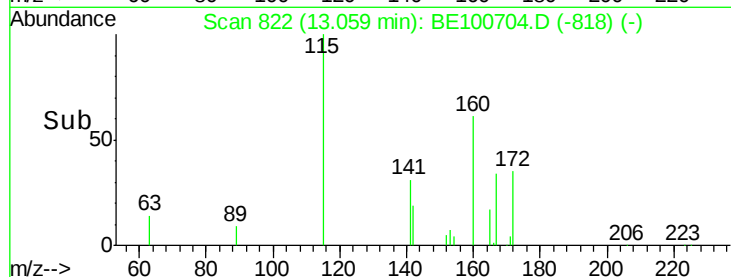
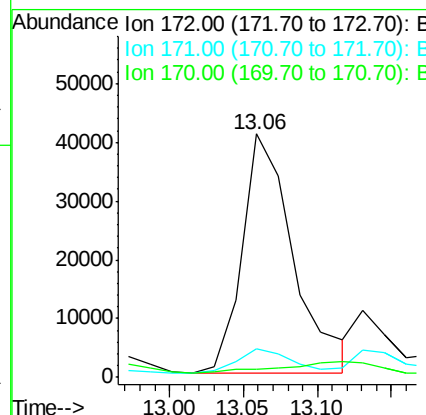
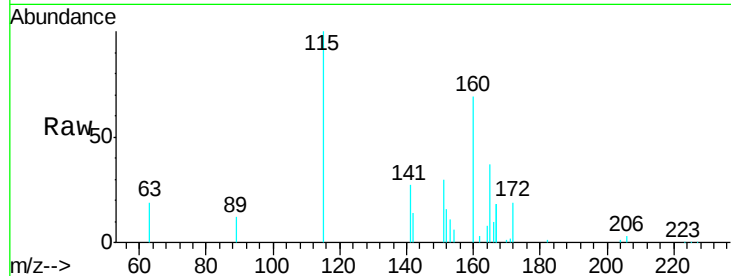
Tgt Ion:172 Resp: 97951

Ion Ratio Lower Upper

172 100

171 12.0 26.5 39.7#

170 3.5 19.0 28.4#



#16

Acenaphthylene

Concen: 1.787 ng

RT: 14.10 min Scan# 894

Delta R.T. -0.10 min

Lab File: BE100704.D

Acq: 7 Nov 2019 16:44

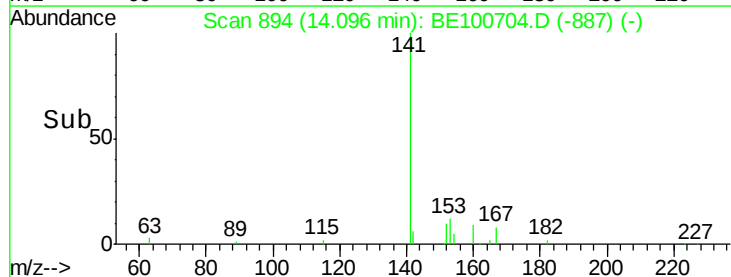
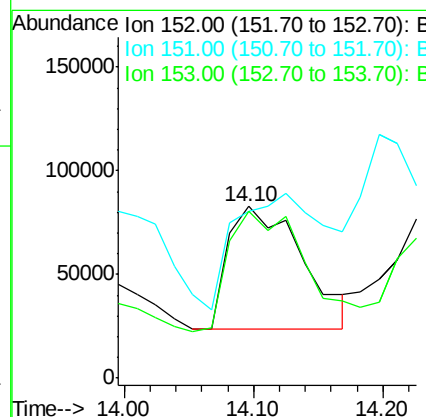
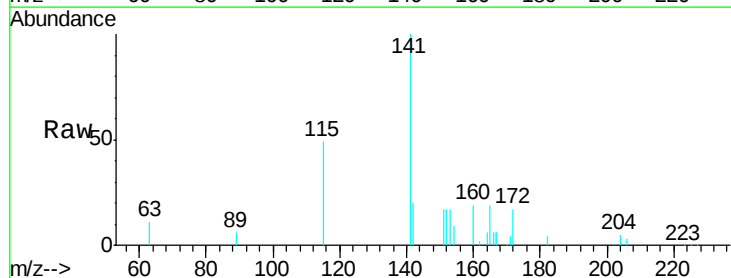
Tgt Ion:152 Resp: 236735

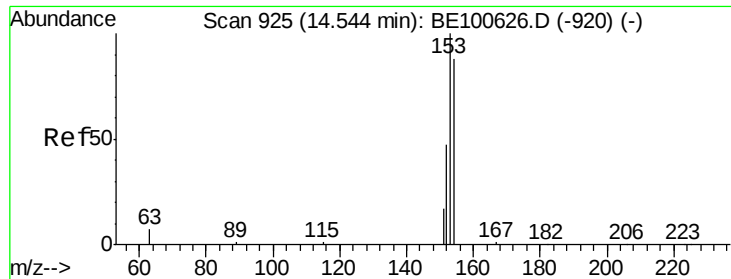
Ion Ratio Lower Upper

152 100

151 0.0 15.2 22.8#

153 103.6 10.3 15.5#

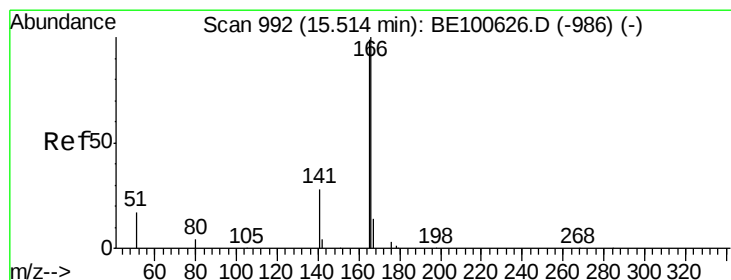
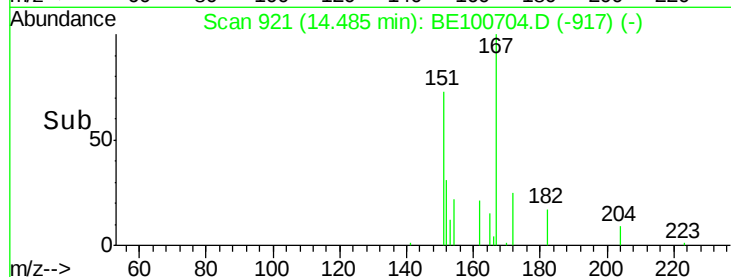
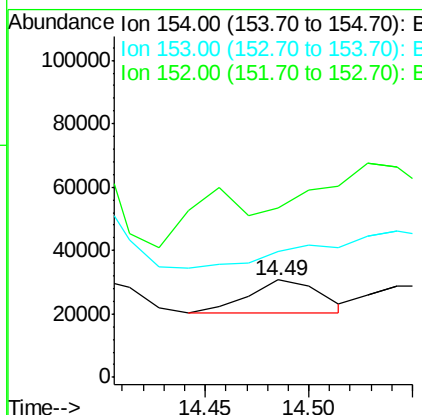
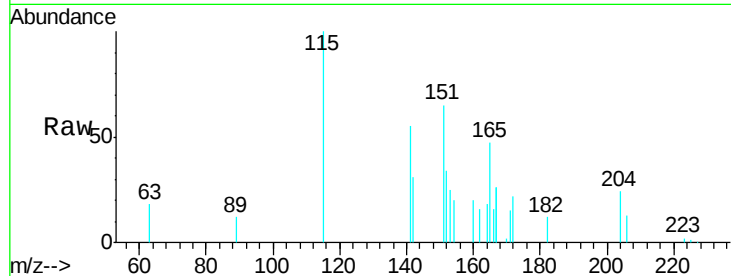




#17
Acenaphthene
Concen: 0.284 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.04 min
Lab File: BE100704.D
Acq: 7 Nov 2019 16:44

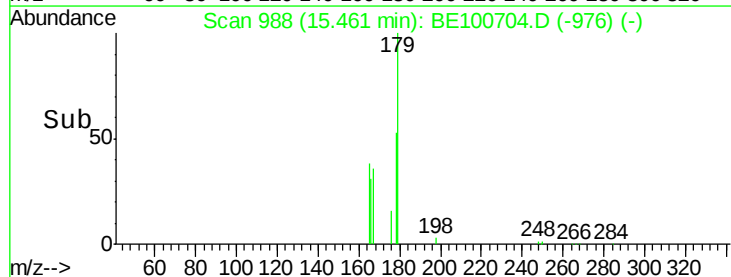
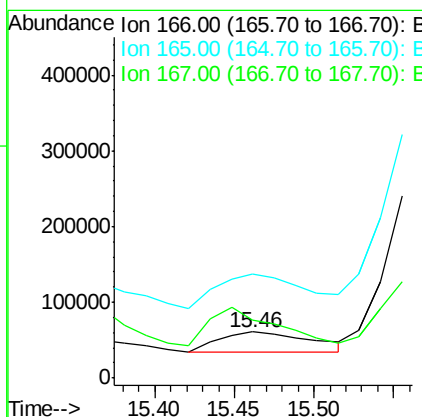
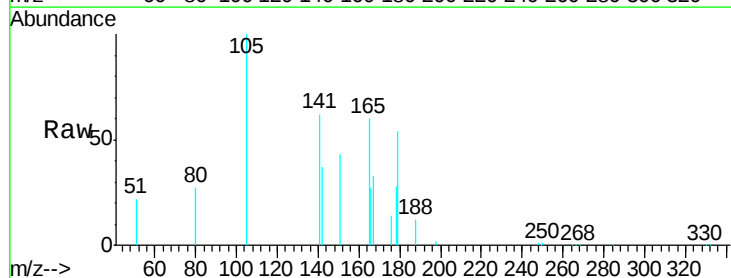
Instrument :
BNA_E
ClientSampleId :
SO-3MS

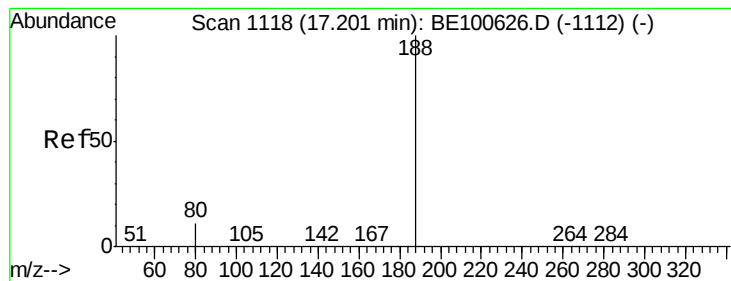
Tgt Ion:154 Resp: 24301
Ion Ratio Lower Upper
154 100
153 0.0 89.4 134.2#
152 0.0 44.1 66.1#



#18
Fluorene
Concen: 0.921 ng
RT: 15.46 min Scan# 988
Delta R.T. -0.04 min
Lab File: BE100704.D
Acq: 7 Nov 2019 16:44

Tgt Ion:166 Resp: 104723
Ion Ratio Lower Upper
166 100
165 171.6 78.6 117.8#
167 141.1 10.9 16.3#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.17 min Scan# 1116

Delta R.T. -0.03 min

Lab File: BE100704.D

Acq: 7 Nov 2019 16:44

Instrument :

BNA_E

ClientSampleId :

SO-3MS

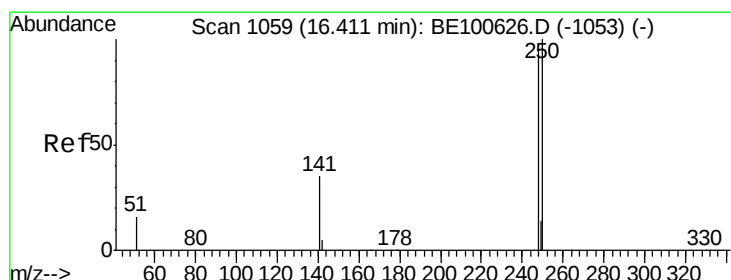
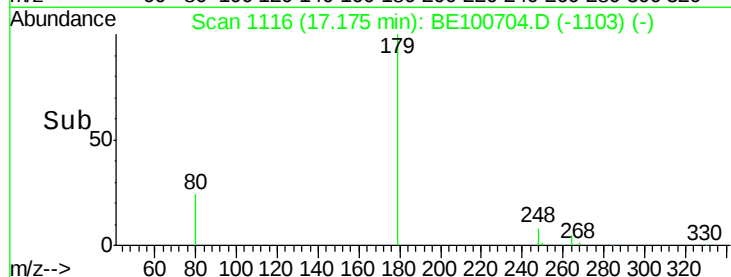
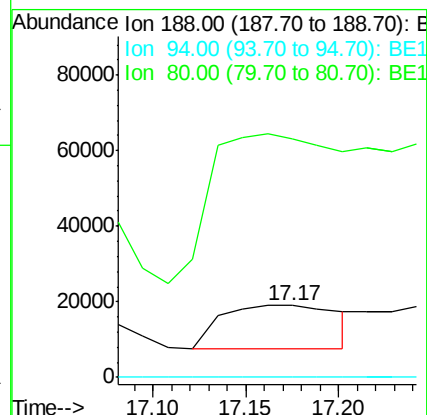
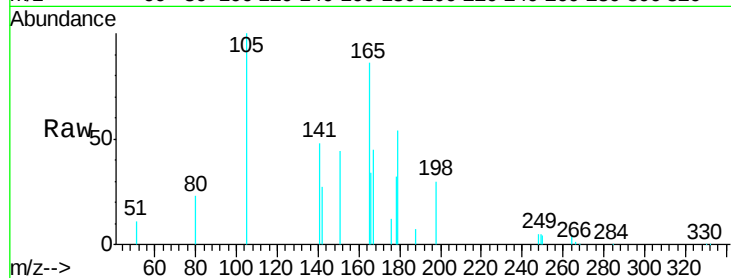
Tgt Ion:188 Resp: 50378

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 331.4 5.4 8.0#



#20

4-Bromophenyl-phenylether

Concen: 0.852 ng

RT: 16.39 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BE100704.D

Acq: 7 Nov 2019 16:44

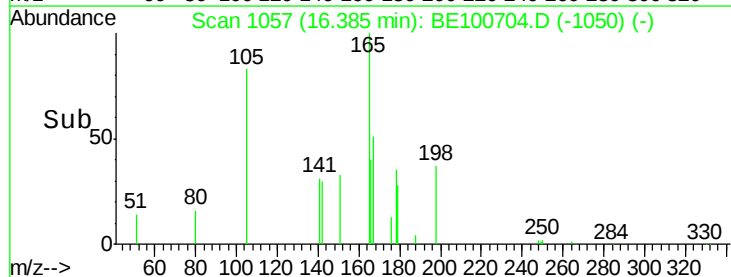
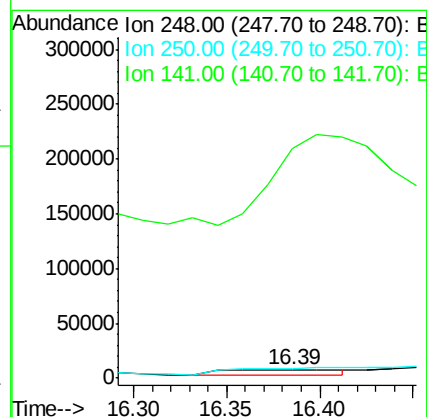
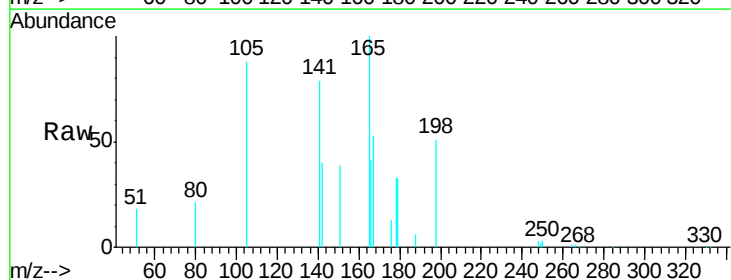
Tgt Ion:248 Resp: 21849

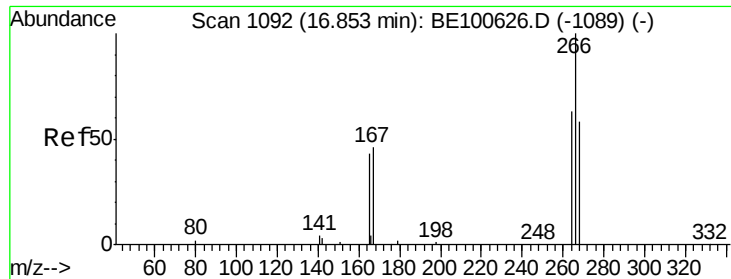
Ion Ratio Lower Upper

248 100

250 115.5 76.3 114.5#

141 2724.9 37.3 55.9#





#22

Pentachlorophenol

Concen: 0.370 ng

RT: 16.79 min Scan# 1087

Delta R.T. -0.07 min

Lab File: BE100704.D

Acq: 7 Nov 2019 16:44

Instrument :

BNA_E

ClientSampleId :

SO-3MS

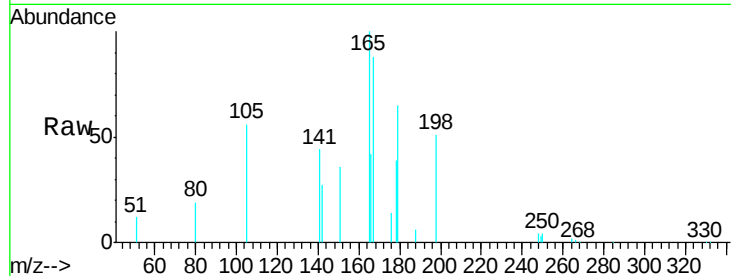
Tgt Ion: 266 Resp: 2911

Ion Ratio Lower Upper

266 100

264 157.6 52.2 78.4#

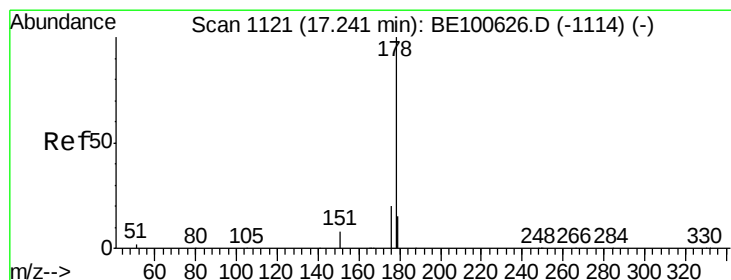
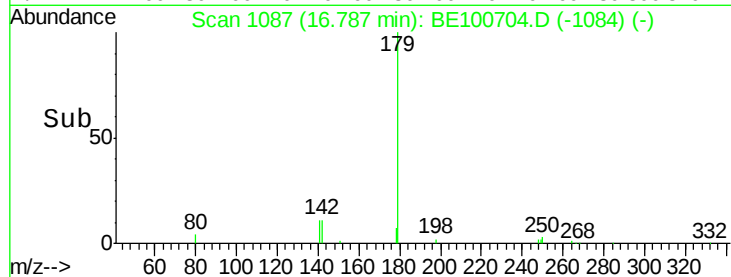
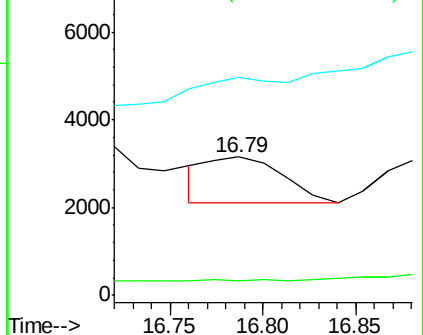
268 10.5 53.1 79.7#



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: 1.206 ng

RT: 17.13 min Scan# 1113

Delta R.T. -0.11 min

Lab File: BE100704.D

Acq: 7 Nov 2019 16:44

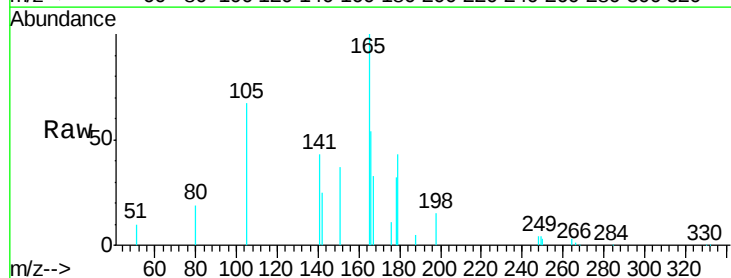
Tgt Ion: 178 Resp: 167161

Ion Ratio Lower Upper

178 100

176 36.7 15.2 22.8#

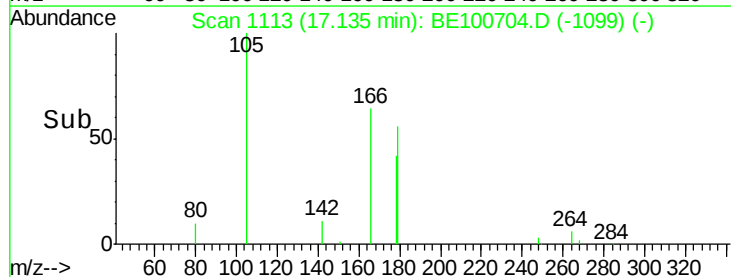
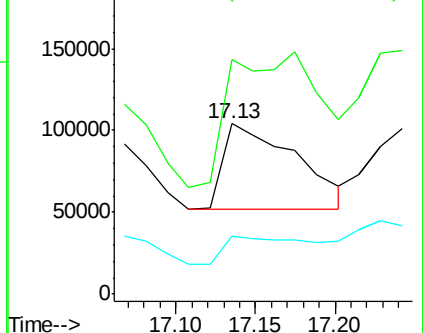
179 0.0 12.1 18.1#

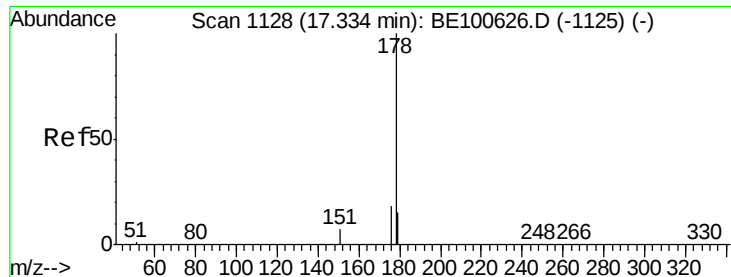


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

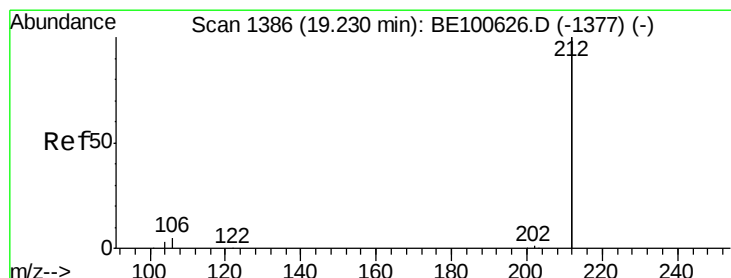
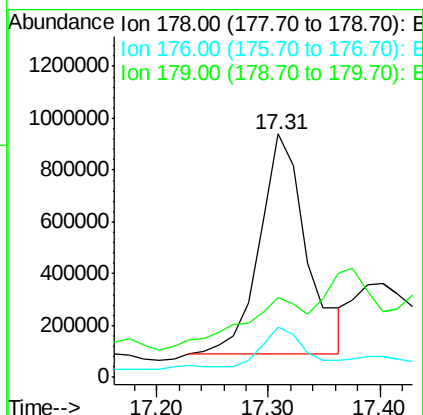
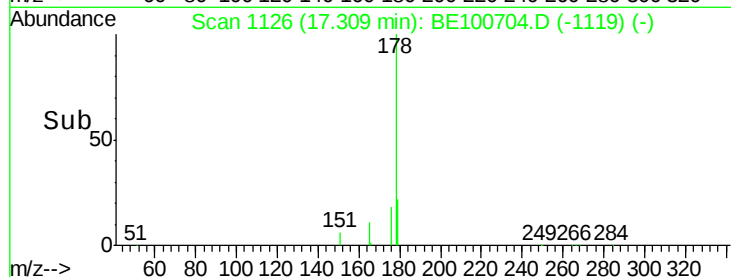
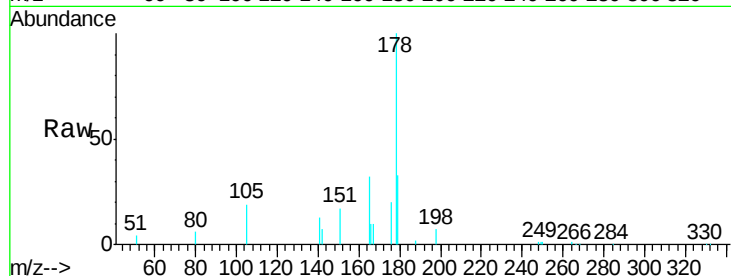




#24
 Anthracene
 Concen: 19.565 ng
 RT: 17.31 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BE100704.D
 Acq: 7 Nov 2019 16:44

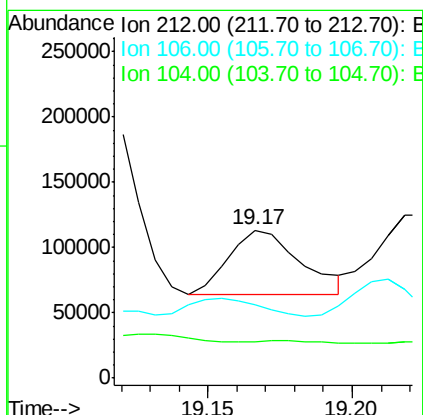
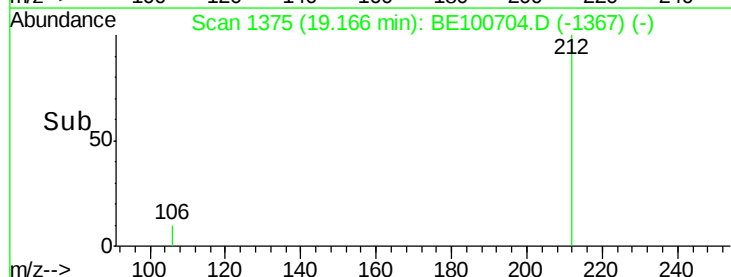
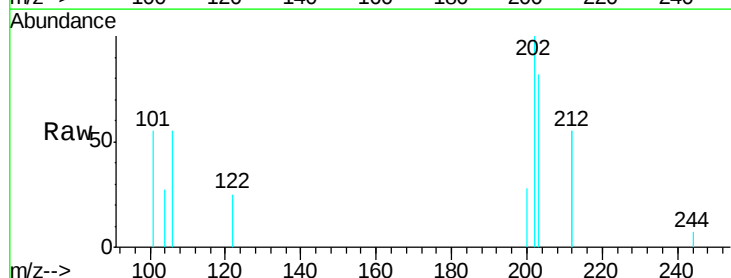
Instrument :
 BNA_E
 ClientSampleId :
 SO-3MS

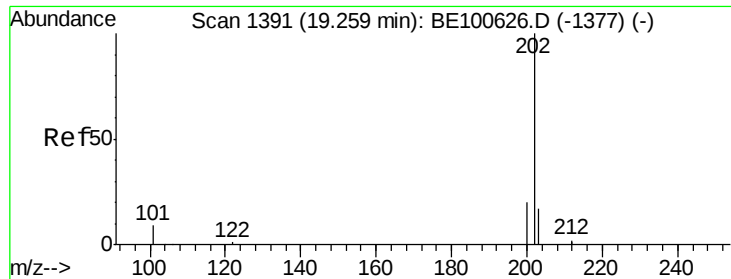
Tgt Ion:178 Resp: 2515526
 Ion Ratio Lower Upper
 178 100
 176 16.2 15.0 22.4
 179 20.5 12.5 18.7#



#25
 Fluoranthene-d10
 Concen: 0.129 ng
 RT: 19.17 min Scan# 1375
 Delta R.T. -0.05 min
 Lab File: BE100704.D
 Acq: 7 Nov 2019 16:44

Tgt Ion:212 Resp: 83961
 Ion Ratio Lower Upper
 212 100
 106 27.3 2.3 3.5#
 104 2.8 1.3 1.9#

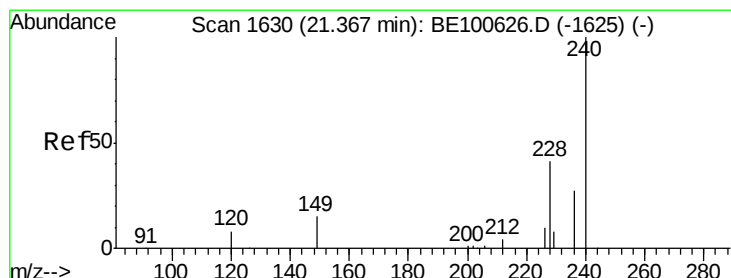
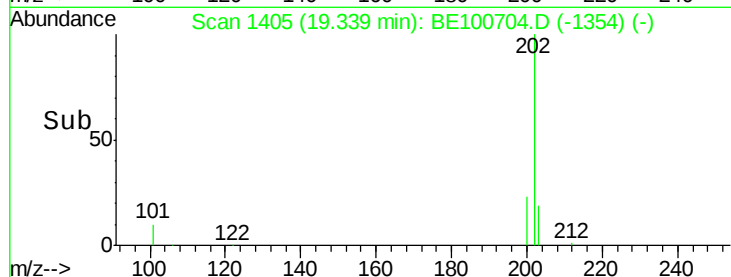
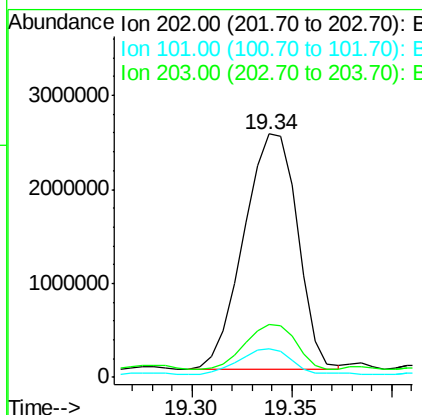
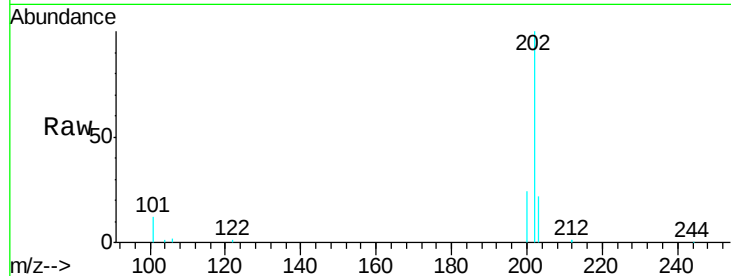




#26
 Fluoranthene
 Concen: 25.783 ng
 RT: 19.34 min Scan# 1405
 Delta R.T. 0.09 min
 Lab File: BE100704.D
 Acq: 7 Nov 2019 16:44

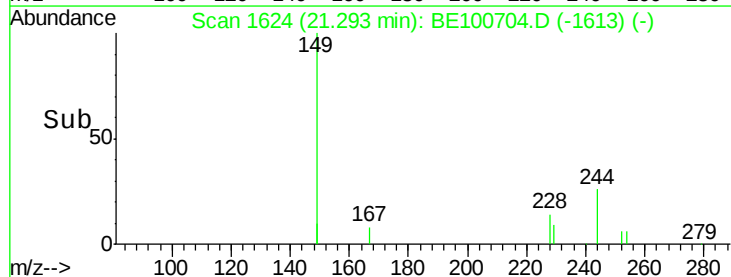
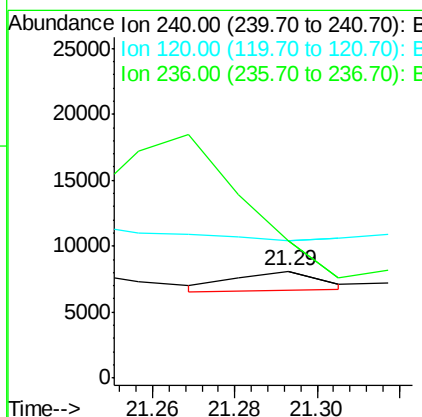
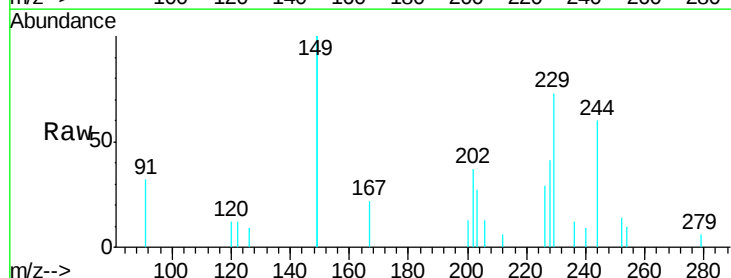
Instrument :
 BNA_E
 ClientSampleId :
 SO-3MS

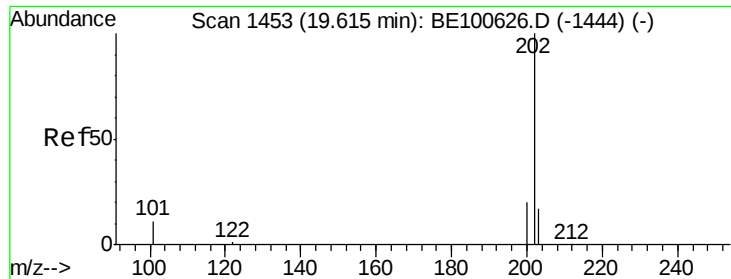
Tgt Ion:202 Resp: 4662909
 Ion Ratio Lower Upper
 202 100
 101 10.3 8.5 12.7
 203 18.8 13.8 20.8



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.06 min
 Lab File: BE100704.D
 Acq: 7 Nov 2019 16:44

Tgt Ion:240 Resp: 2163
 Ion Ratio Lower Upper
 240 100
 120 128.7 7.6 11.4#
 236 128.2 22.1 33.1#

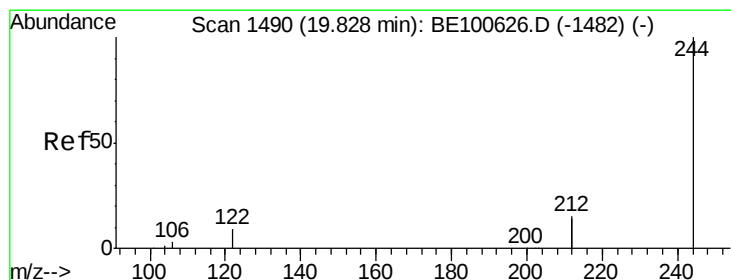
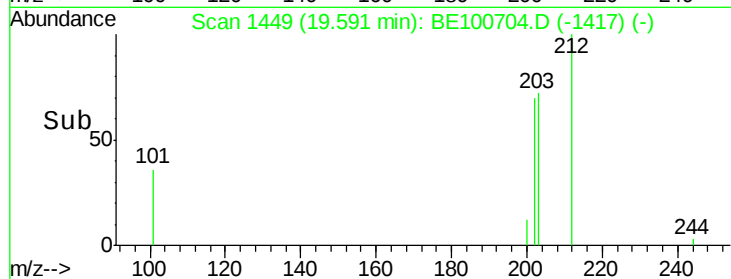
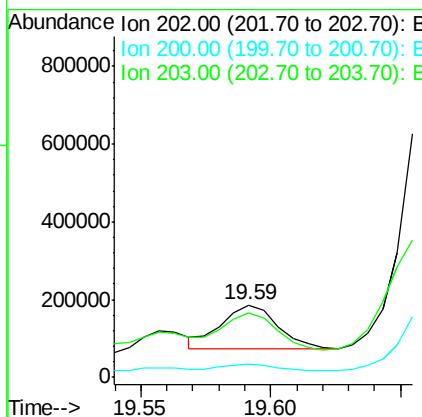
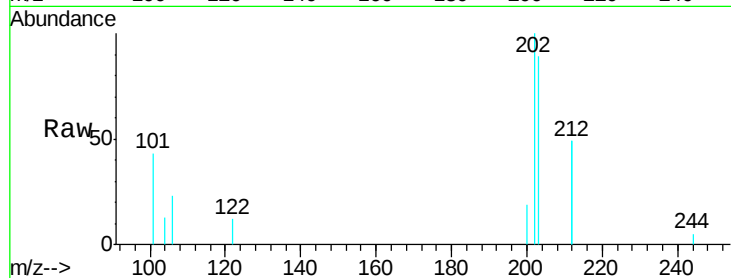




#28
 Pyrene
 Concen: 28.513 ng
 RT: 19.59 min Scan# 1449
 Delta R.T. -0.02 min
 Lab File: BE100704.D
 Acq: 7 Nov 2019 16:44

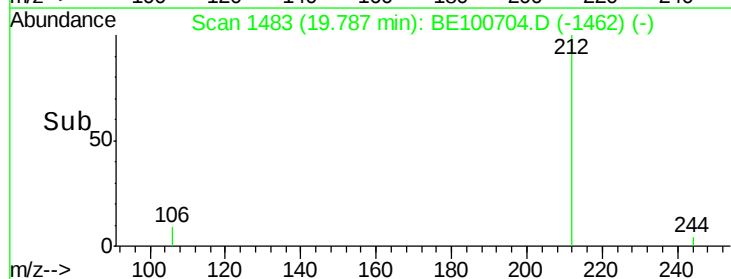
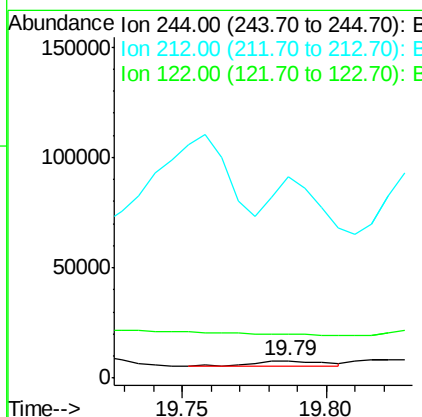
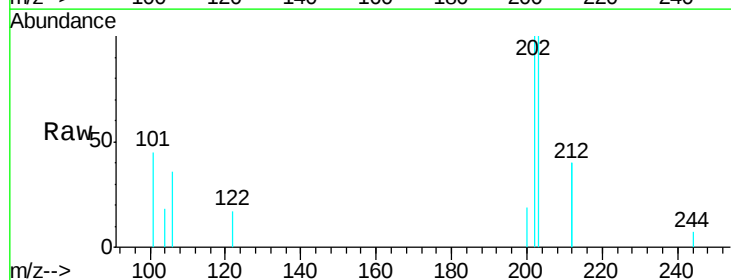
Instrument :
 BNA_E
 ClientSampleId :
 SO-3MS

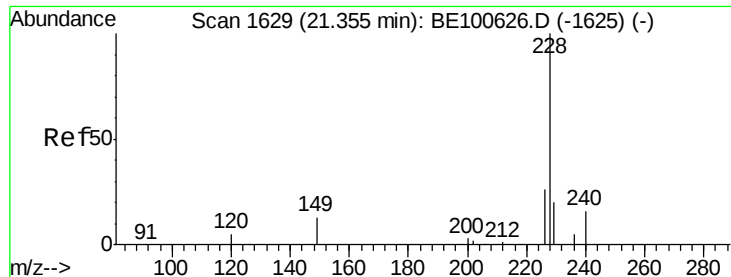
Tgt Ion: 202 Resp: 172309
 Ion Ratio Lower Upper
 202 100
 200 0.0 16.7 25.1#
 203 81.6 14.0 21.0#



#29
 Terphenyl-d14
 Concen: 0.786 ng
 RT: 19.79 min Scan# 1483
 Delta R.T. -0.03 min
 Lab File: BE100704.D
 Acq: 7 Nov 2019 16:44

Tgt Ion: 244 Resp: 3717
 Ion Ratio Lower Upper
 244 100
 212 1144.7 23.7 35.5#
 122 249.0 7.9 11.9#





#30

Benzo(a)anthracene

Concen: 529.766 ng

RT: 21.37 min Scan# 1630

Delta R.T. 0.02 min

Lab File: BE100704.D

Acq: 7 Nov 2019 16:44

Instrument :

BNA_E

ClientSampleId :

SO-3MS

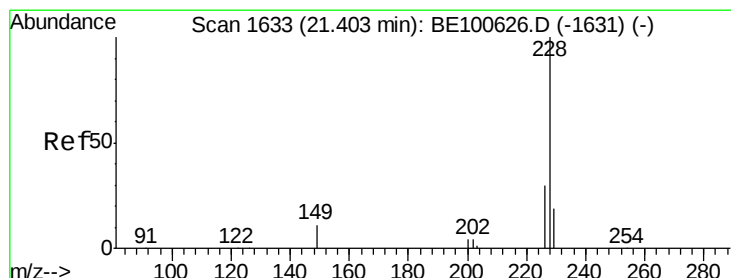
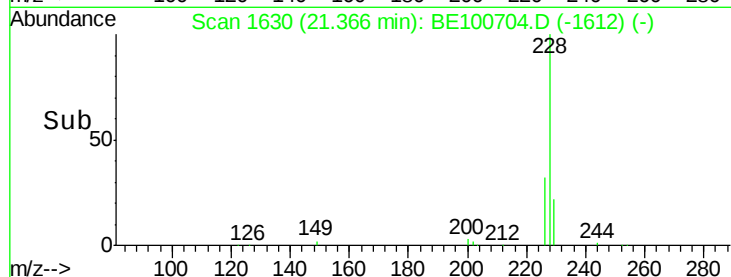
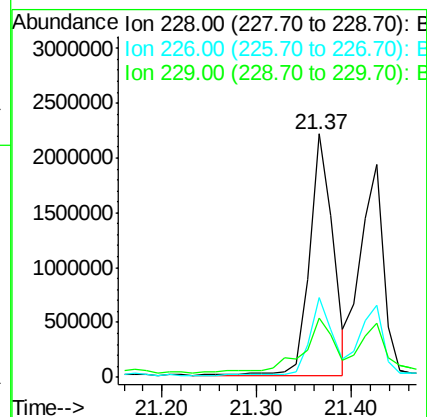
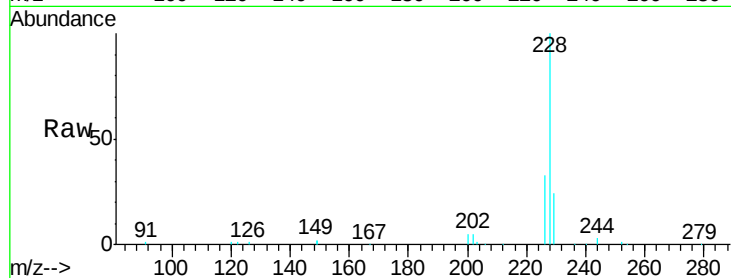
Tgt Ion:228 Resp: 3737926

Ion Ratio Lower Upper

228 100

226 32.6 21.4 32.0#

229 24.5 16.0 24.0#



#31

Chrysene

Concen: 523.323 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.02 min

Lab File: BE100704.D

Acq: 7 Nov 2019 16:44

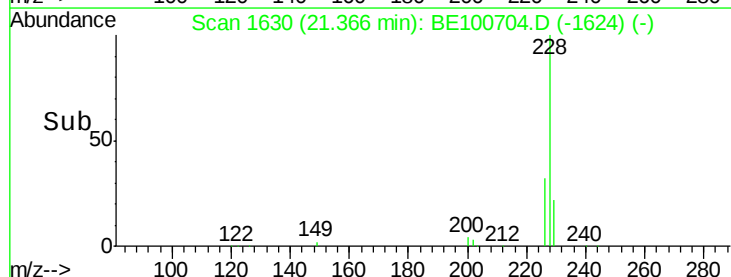
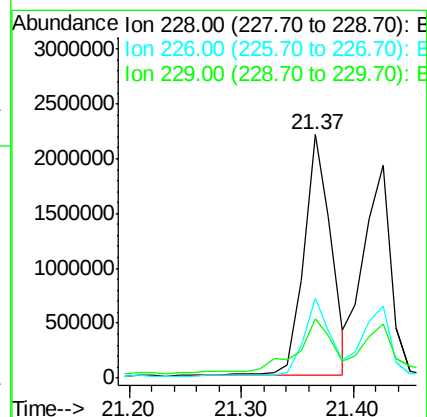
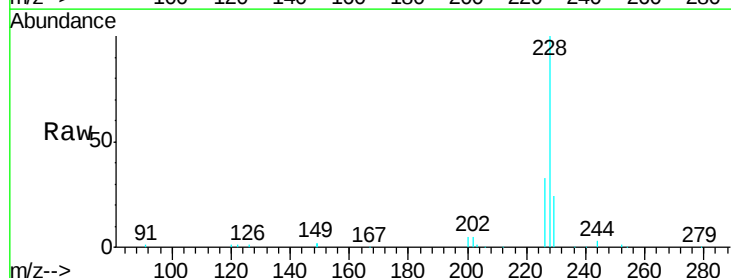
Tgt Ion:228 Resp: 3690135

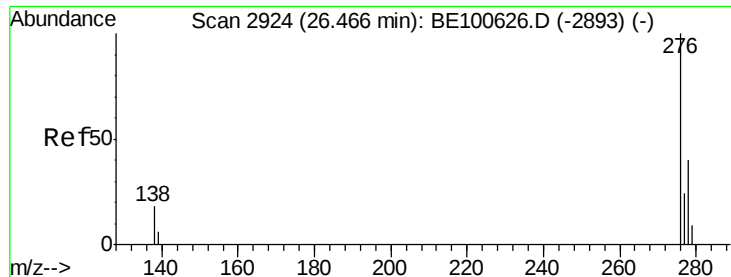
Ion Ratio Lower Upper

228 100

226 32.6 24.6 37.0

229 24.5 15.8 23.8#





#33

Indeno(1,2,3-cd)pyrene

Concen: 14.750 ng

RT: 26.27 min Scan# 2870

Delta R.T. -0.16 min

Lab File: BE100704.D

Acq: 7 Nov 2019 16:44

Instrument :

BNA_E

ClientSampleId :

SO-3MS

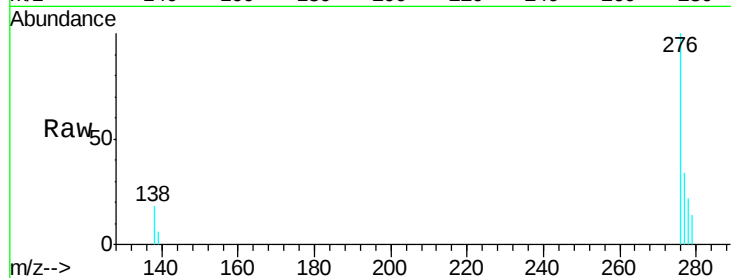
Tgt Ion:276 Resp: 127826

Ion Ratio Lower Upper

276 100

138 0.0 15.3 22.9#

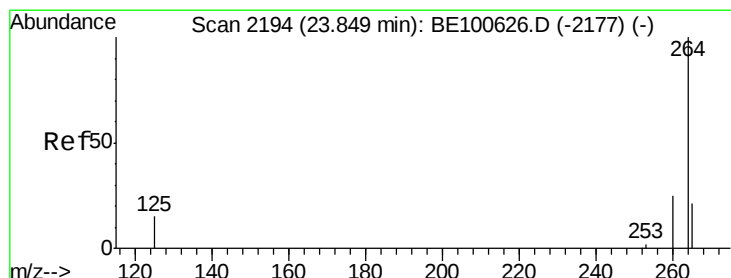
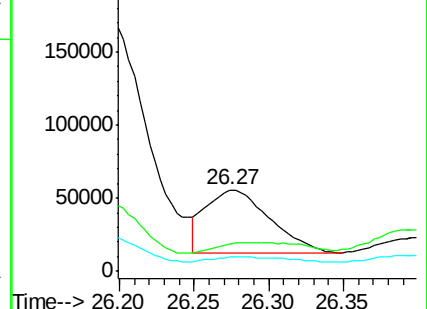
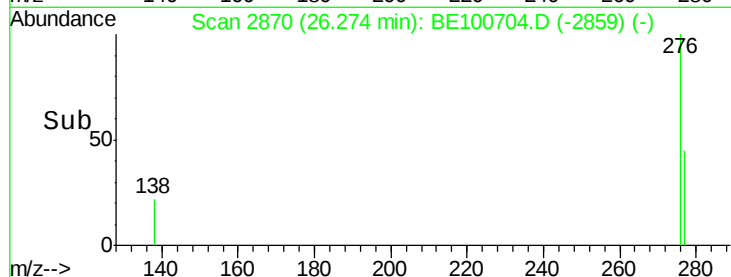
277 23.4 19.4 29.2



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: 23.77 min Scan# 2172

Delta R.T. -0.06 min

Lab File: BE100704.D

Acq: 7 Nov 2019 16:44

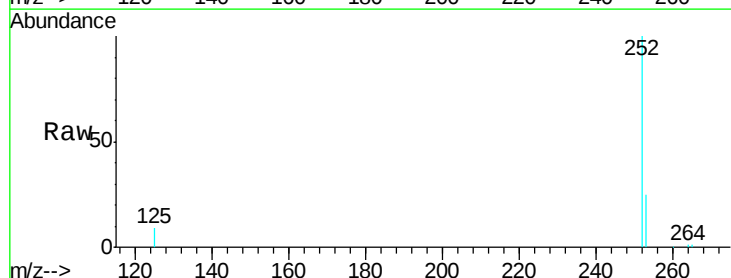
Tgt Ion:264 Resp: 11943

Ion Ratio Lower Upper

264 100

260 38.1 19.4 29.2#

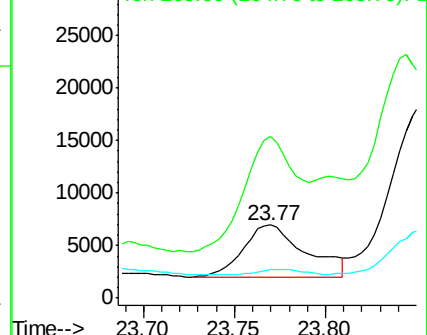
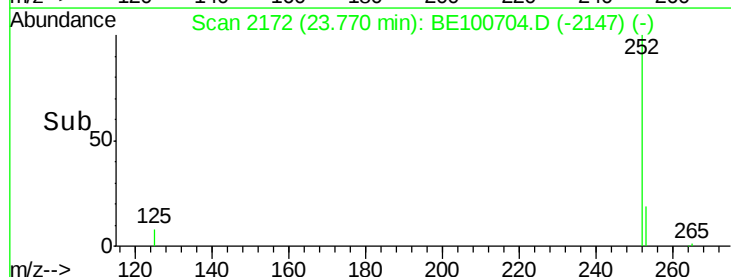
265 220.5 21.7 32.5#

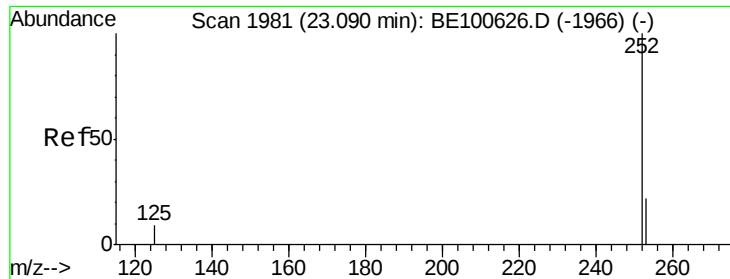


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 153.578 ng

RT: 23.11 min Scan# 1987

Delta R.T. 0.04 min

Lab File: BE100704.D

Acq: 7 Nov 2019 16:44

Instrument :

BNA_E

ClientSampleId :

SO-3MS

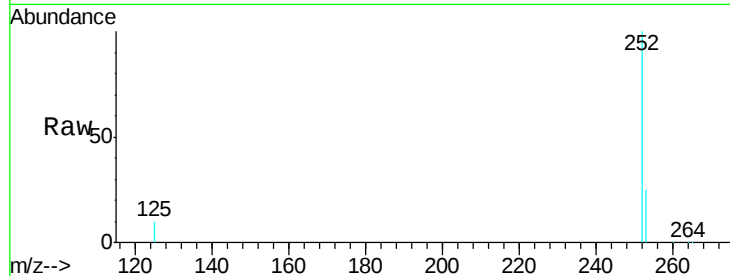
Tgt Ion:252 Resp: 5348240

Ion Ratio Lower Upper

252 100

253 24.6 18.4 27.6

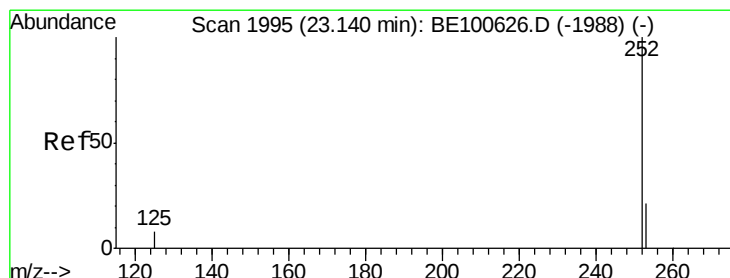
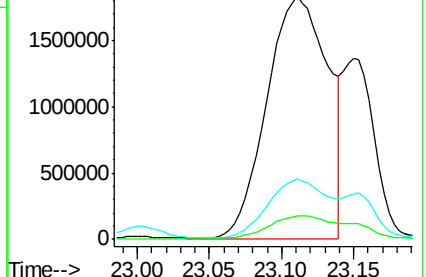
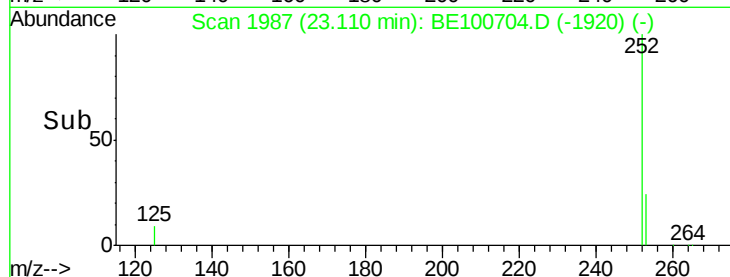
125 9.7 7.6 11.4



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



#36

Benzo(k)fluoranthene

Concen: 149.326 ng

RT: 23.11 min Scan# 1987

Delta R.T. -0.02 min

Lab File: BE100704.D

Acq: 7 Nov 2019 16:44

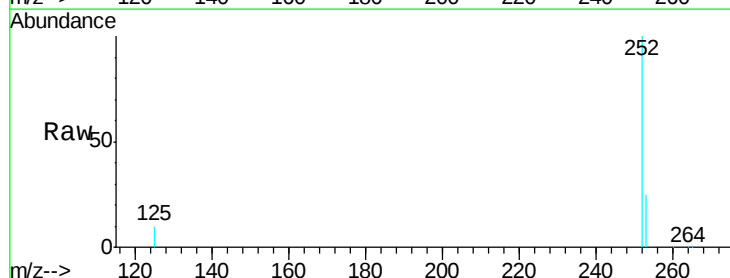
Tgt Ion:252 Resp: 5348240

Ion Ratio Lower Upper

252 100

253 24.6 18.4 27.6

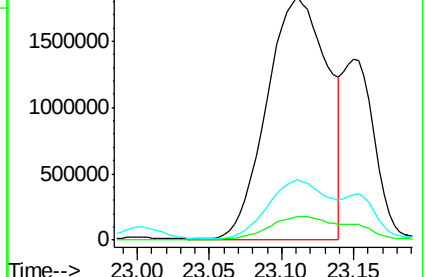
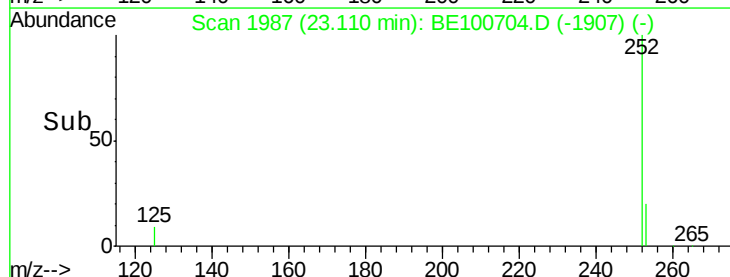
125 9.7 11.6 17.4#

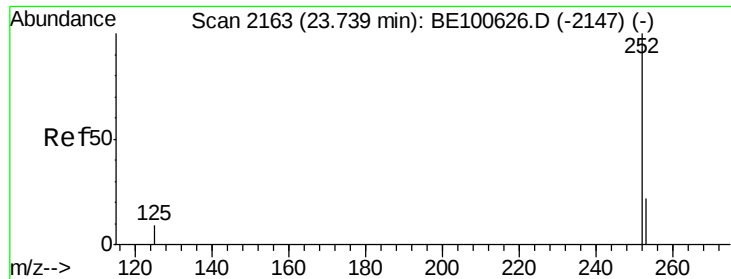


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 91.761 ng

RT: 23.64 min Scan# 2136

Delta R.T. -0.08 min

Lab File: BE100704.D

Acq: 7 Nov 2019 16:44

Instrument :

BNA_E

ClientSampleId :

SO-3MS

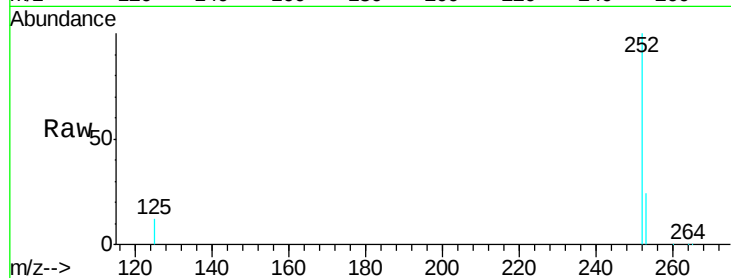
Tgt Ion:252 Resp: 2974544

Ion Ratio Lower Upper

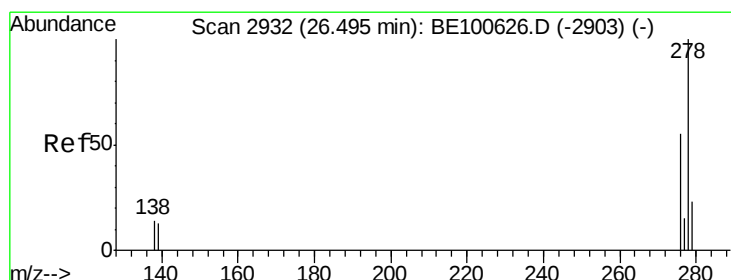
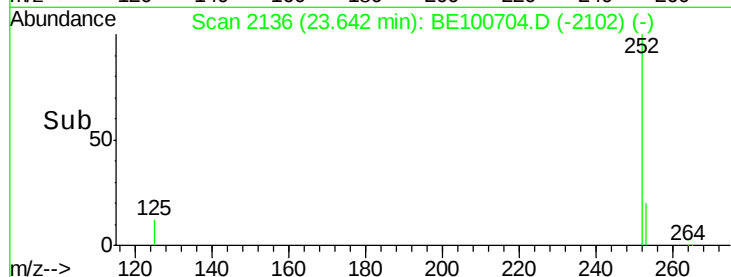
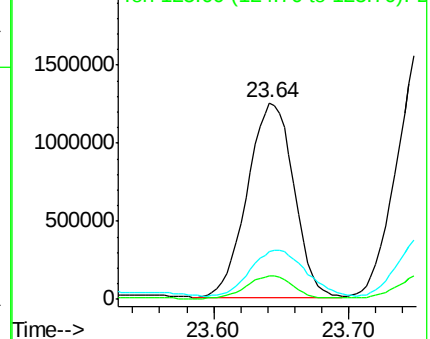
252 100

253 24.4 18.4 27.6

125 12.2 8.2 12.4



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



#38

Dibenzo(a,h)anthracene

Concen: 30.998 ng

RT: 26.51 min Scan# 2936

Delta R.T. 0.05 min

Lab File: BE100704.D

Acq: 7 Nov 2019 16:44

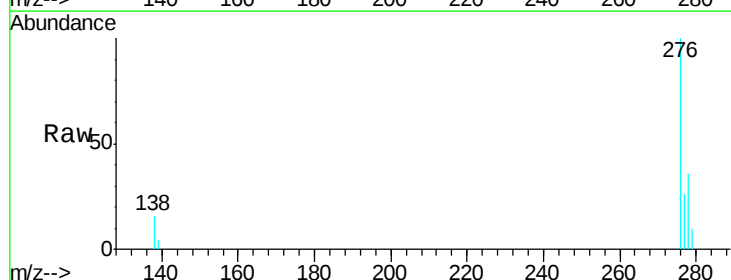
Tgt Ion:278 Resp: 1038593

Ion Ratio Lower Upper

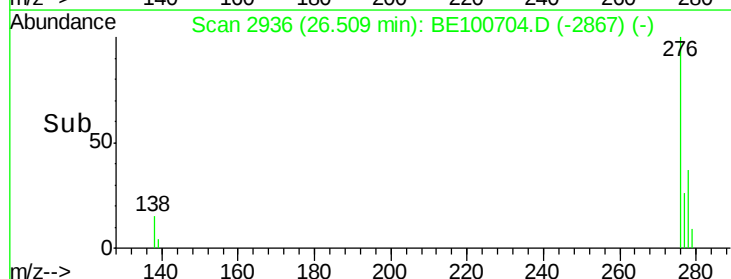
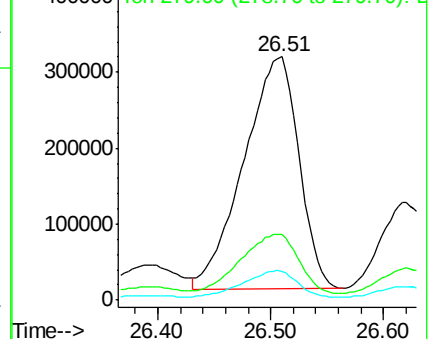
278 100

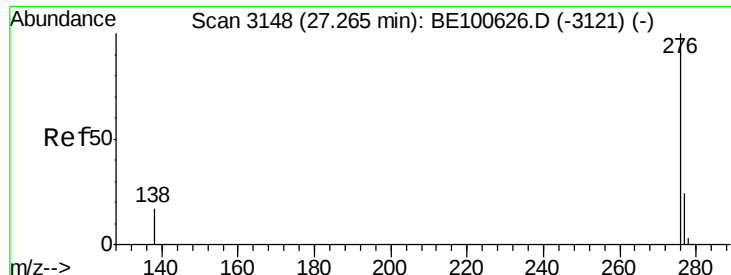
139 11.9 10.9 16.3

279 26.8 19.4 29.2



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: 98.843 ng

RT: 27.31 min Scan# 3160

Delta R.T. 0.08 min

Lab File: BE100704.D

Acq: 7 Nov 2019 16:44

Instrument :

BNA_E

ClientSampleId :

SO-3MS

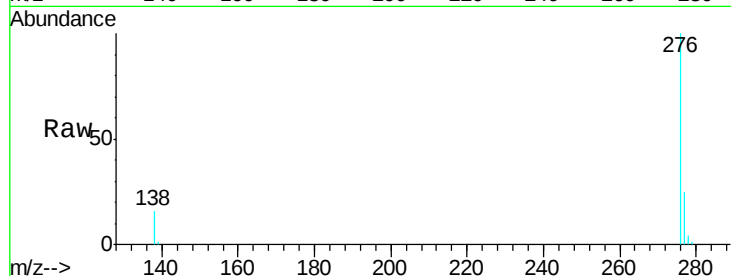
Tgt Ion:276 Resp: 3330769

Ion Ratio Lower Upper

276 100

277 25.2 19.4 29.0

138 15.6 13.6 20.4



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

