

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE110719\
 Data File : BE100708.D
 Acq On : 7 Nov 2019 19:13
 Operator : JU
 Sample : K5725-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SO-4

Quant Time: Nov 08 06:22:36 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	2559	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	13884	0.40	ng	0.01
13) Acenaphthene-d10	14.50	164	25100	0.40	ng	0.03
19) Phenanthrene-d10	17.23	188	15772	0.40	ng	0.03
27) Chrysene-d12	21.39	240	21477	0.40	ng	0.04
34) Perylene-d12	23.88	264	28380	0.40	ng	0.05

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	2134	0.27	ng	0.01
5) Phenol-d6	7.02	99	3729	0.33	ng	0.01
8) Nitrobenzene-d5	9.00	82	29826	3.47	ng	0.01
11) 2-Methylnaphthalene-d10	12.24	152	12580	0.57	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	1004	0.15	ng	0.04
15) 2-Fluorobiphenyl	13.12	172	7818	0.09	ng	0.01
25) Fluoranthene-d10	19.24	212	113999	0.56	ng	0.02
29) Terphenyl-d14	19.83	244	18525	0.39	ng	0.02

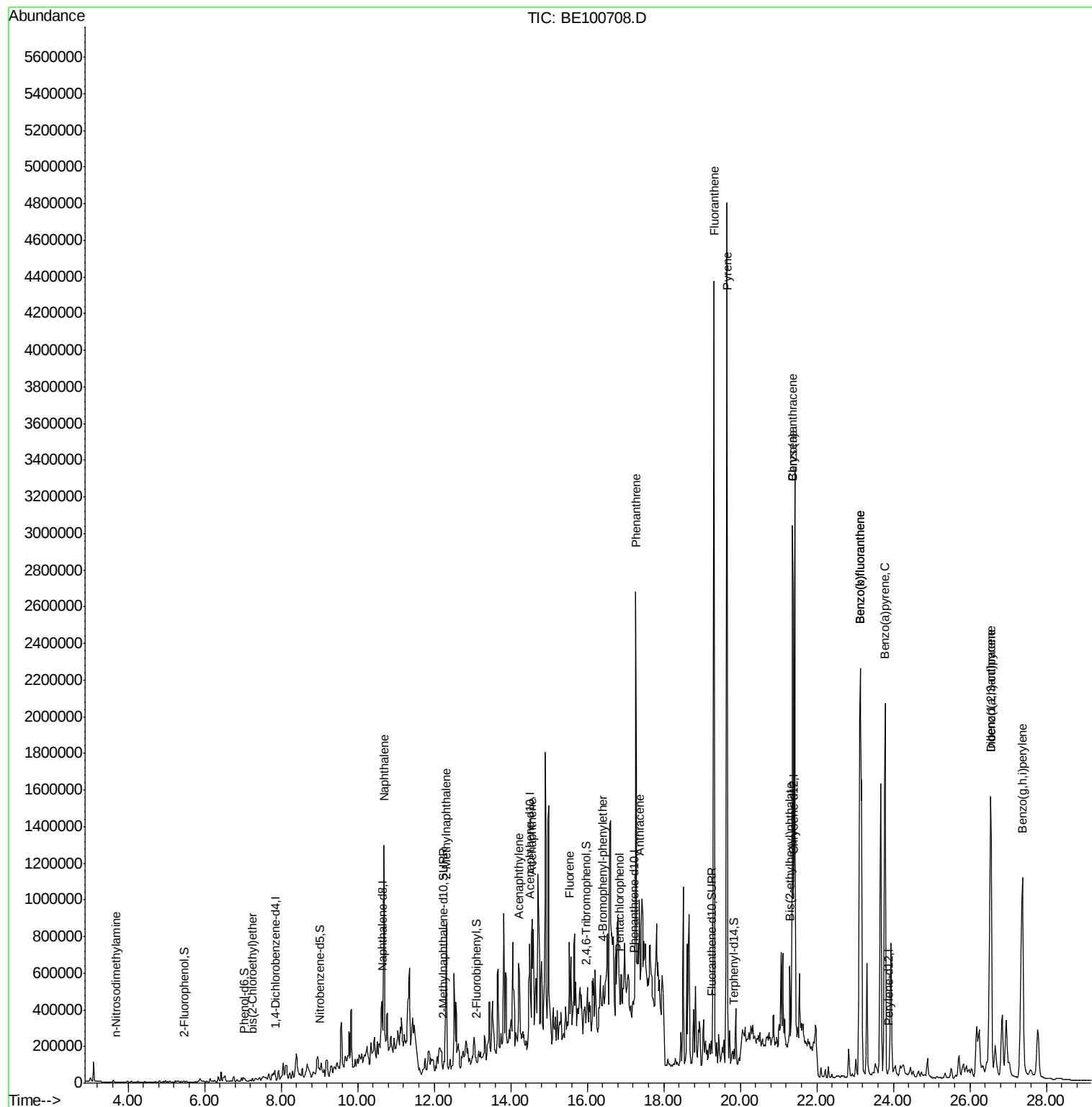
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.68	42	130	0.027	ng	# 1
6) bis(2-Chloroethyl)ether	7.25	93	779	0.085	ng	# 1
9) Naphthalene	10.69	128	1823379	12.489	ng	# 99
12) 2-Methylnaphthalene	12.31	142	531959	21.376	ng	# 90
16) Acenaphthylene	14.21	152	375724	3.479	ng	# 69
17) Acenaphthene	14.56	154	188675	2.703	ng	# 68
18) Fluorene	15.53	166	335519	3.619	ng	# 64
20) 4-Bromophenyl-phenylether	16.41	248	1270	0.158	ng	# 1
22) Pentachlorophenol	16.84	266	707	0.287	ng	# 10
23) Phenanthrene	17.27	178	2537056	58.482	ng	# 93
24) Anthracene	17.36	178	646465	16.060	ng	# 81
26) Fluoranthene	19.31	202	4854194	85.732	ng	# 96
28) Pyrene	19.65	202	4922998	82.045	ng	# 88
30) Benzo(a)anthracene	21.37	228	3192342	45.567	ng	# 92
31) Chrysene	21.37	228	1759729	25.134	ng	# 96
32) Bis(2-ethylhexyl)phthalate	21.29	149	453597	3.095	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.55	276	3414394	39.679	ng	# 96
35) Benzo(b)fluoranthene	23.13	252	4934225	59.626	ng	# 98
36) Benzo(k)fluoranthene	23.13	252	4934225	57.976	ng	# 94
37) Benzo(a)pyrene	23.78	252	3604428	46.793	ng	# 98
38) Dibenzo(a,h)anthracene	26.55	278	789090	9.911	ng	# 95
39) Benzo(g,h,i)perylene	27.37	276	3367490	42.054	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: BE100708.D

Acq: 7 Nov 2019 19:13

Instrument :

BNA_E

ClientSampled :

SO-4

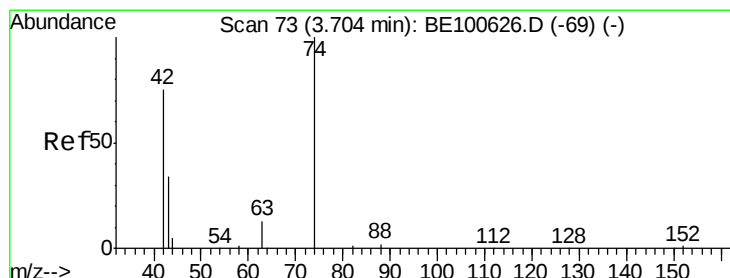
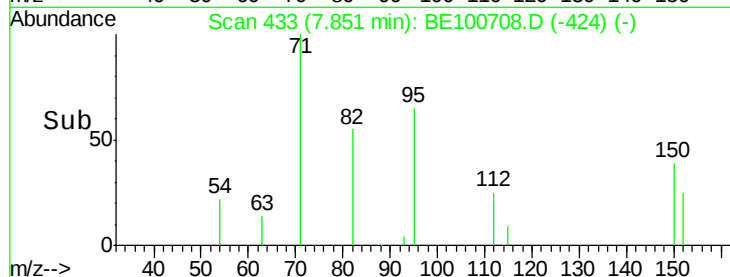
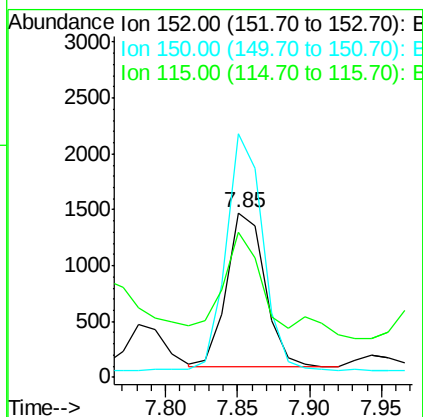
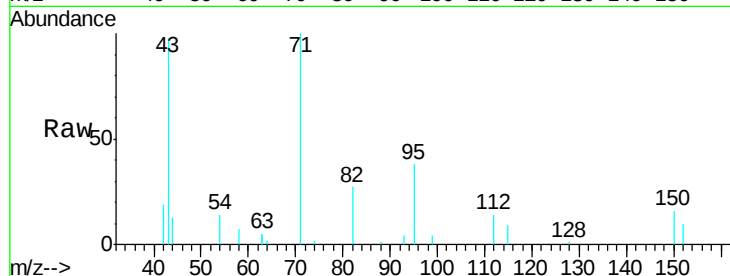
Tgt Ion: 152 Resp: 2559

Ion Ratio Lower Upper

152 100

150 148.1 123.3 184.9

115 88.6 51.9 77.9#



#3

n-Nitrosodimethylamine

Concen: 0.027 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE100708.D

Acq: 7 Nov 2019 19:13

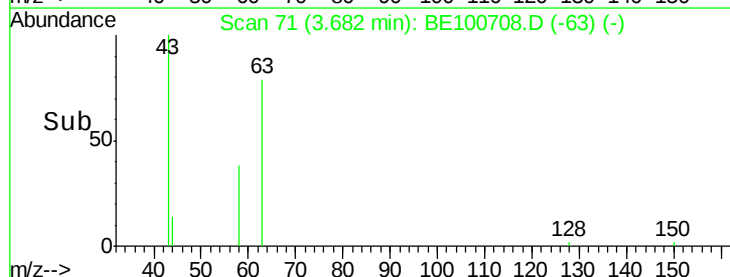
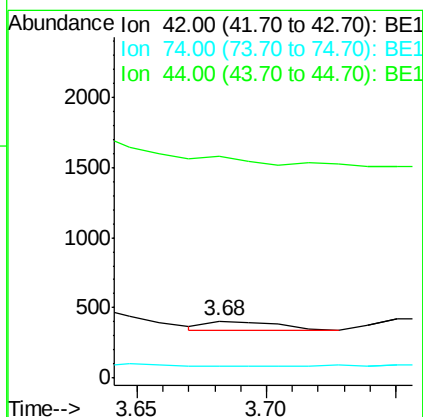
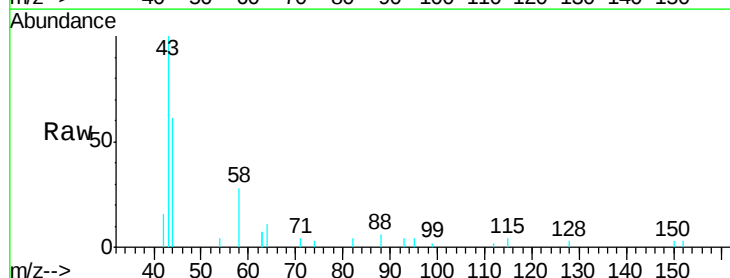
Tgt Ion: 42 Resp: 130

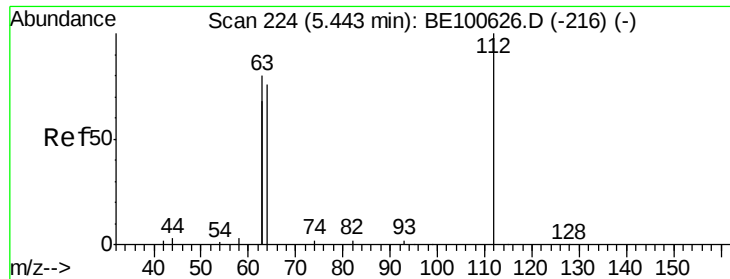
Ion Ratio Lower Upper

42 100

74 0.0 97.2 145.8#

44 0.0 16.6 24.8#





#4

2-Fluorophenol

Concen: 0.270 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE100708.D

Acq: 7 Nov 2019 19:13

Instrument :

BNA_E

ClientSampled :

SO-4

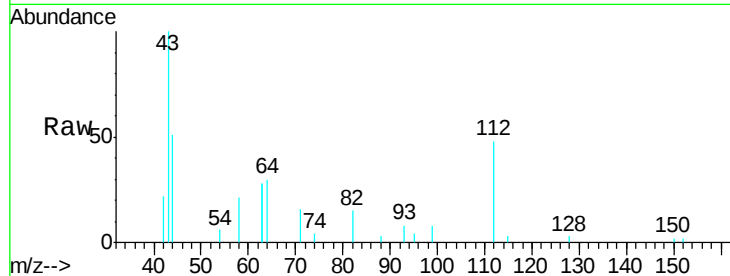
Tgt Ion: 112 Resp: 2134

Ion Ratio Lower Upper

112 100

64 63.3 55.4 83.2

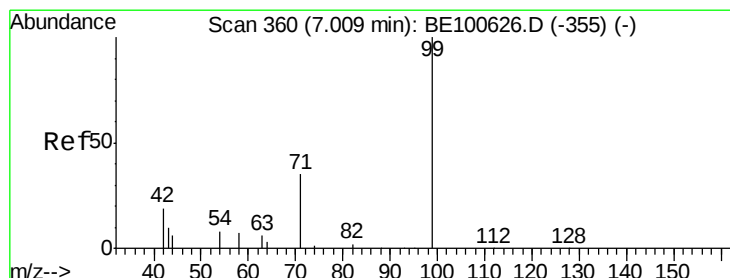
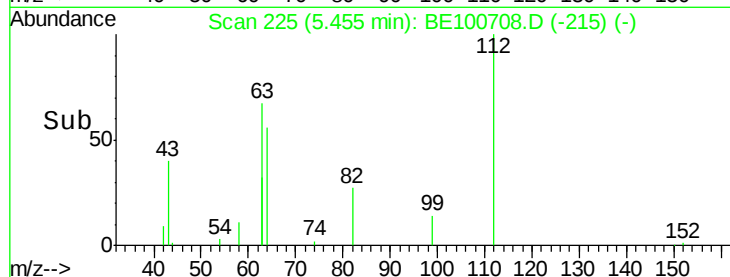
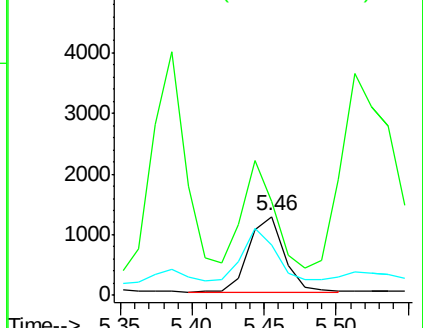
63 123.9 114.2 171.4



Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1



#5

Phenol-d6

Concen: 0.335 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.01 min

Lab File: BE100708.D

Acq: 7 Nov 2019 19:13

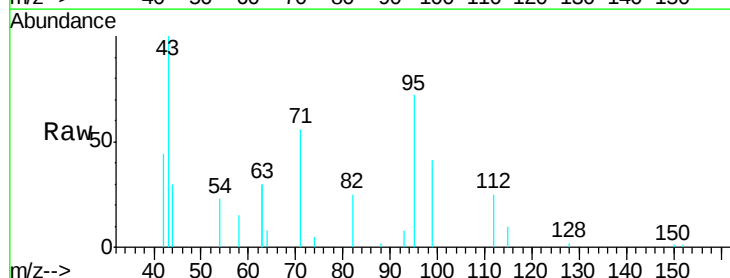
Tgt Ion: 99 Resp: 3729

Ion Ratio Lower Upper

99 100

42 0.0 17.7 26.5#

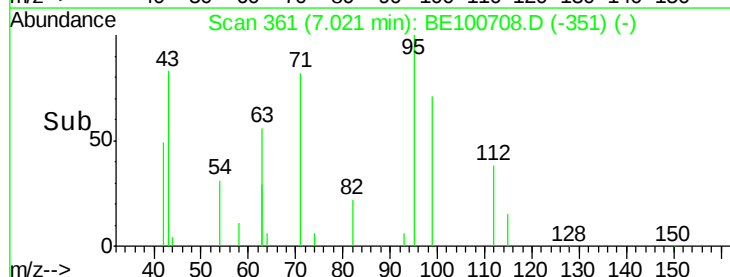
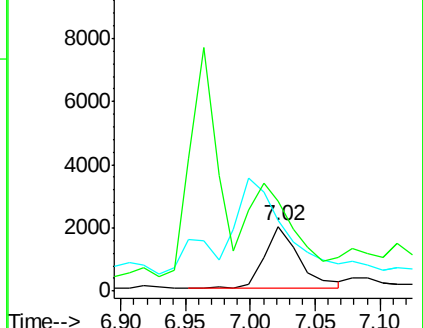
71 0.0 27.4 41.0#

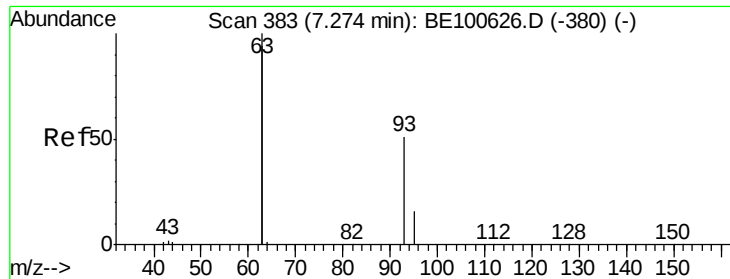


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.085 ng

RT: 7.25 min Scan# 381

Delta R.T. -0.02 min

Lab File: BE100708.D

Acq: 7 Nov 2019 19:13

Instrument :

BNA_E

ClientSampled :

SO-4

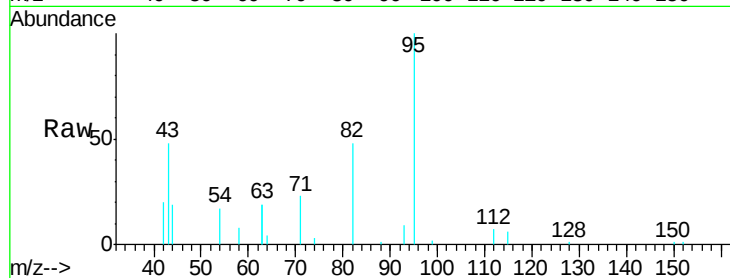
Tgt Ion: 93 Resp: 779

Ion Ratio Lower Upper

93 100

63 511.2 268.8 403.2#

95 1378.6 25.6 38.4#

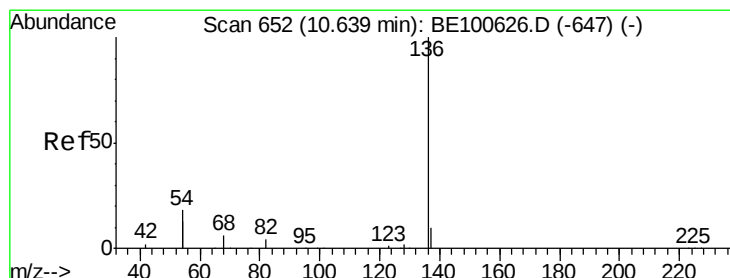
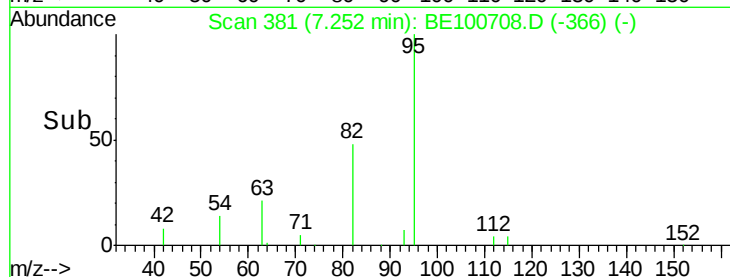
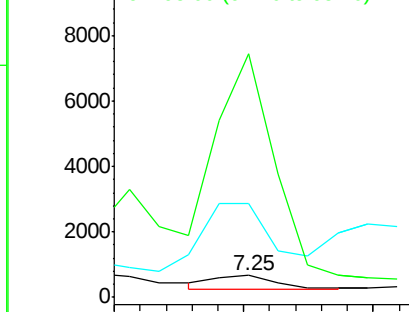


Abundance

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: BE100708.D

Acq: 7 Nov 2019 19:13

Tgt Ion: 136 Resp: 13884

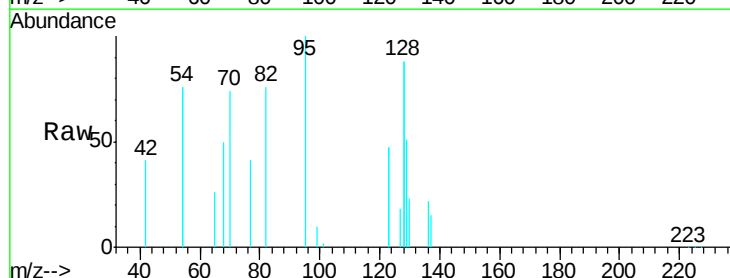
Ion Ratio Lower Upper

136 100

137 67.0 9.2 13.8#

54 686.9 39.4 59.2#

68 226.4 8.0 12.0#



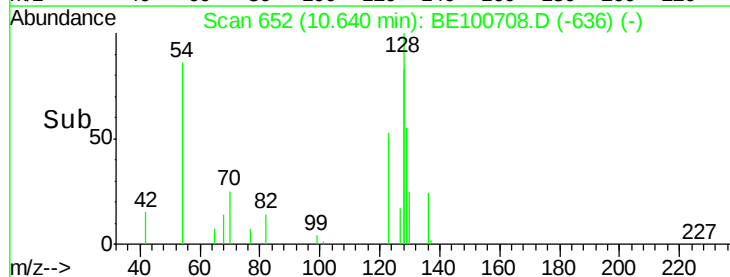
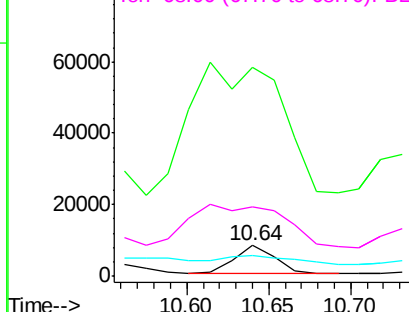
Abundance

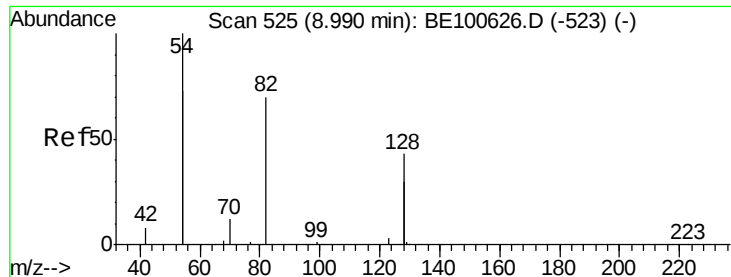
Ion 136.00 (135.70 to 136.70): BE1

Ion 137.00 (136.70 to 137.70): BE1

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 3.466 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.01 min

Lab File: BE100708.D

Acq: 7 Nov 2019 19:13

Instrument :

BNA_E

ClientSampled :

SO-4

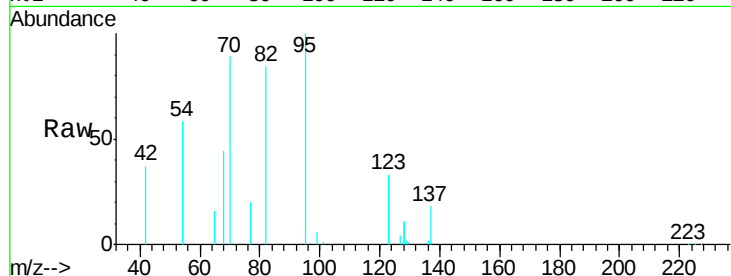
Tgt Ion: 82 Resp: 29826

Ion Ratio Lower Upper

82 100

128 25.2 107.8 161.8#

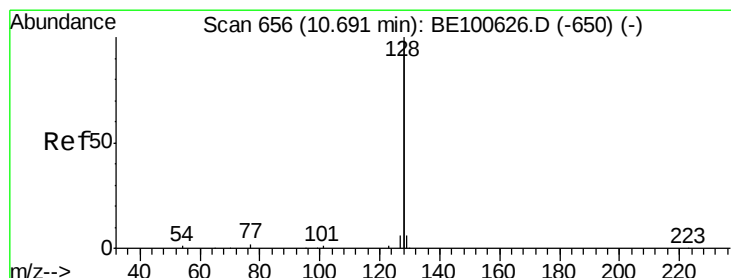
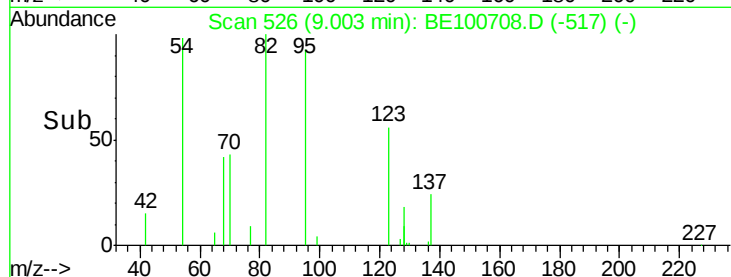
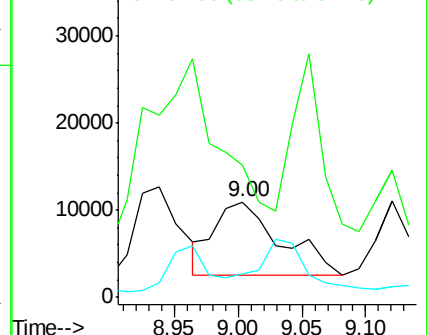
54 137.8 166.1 249.1#



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#9

Naphthalene

Concen: 12.489 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.01 min

Lab File: BE100708.D

Acq: 7 Nov 2019 19:13

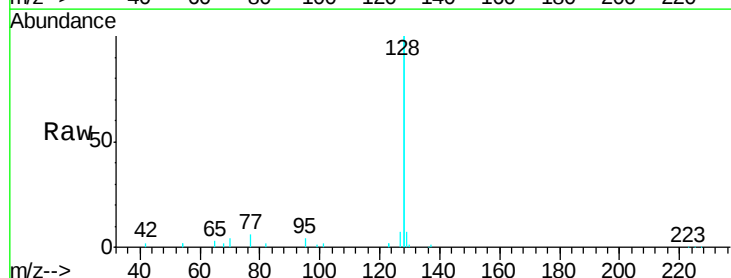
Tgt Ion: 128 Resp: 1823379

Ion Ratio Lower Upper

128 100

129 3.6 2.3 3.5#

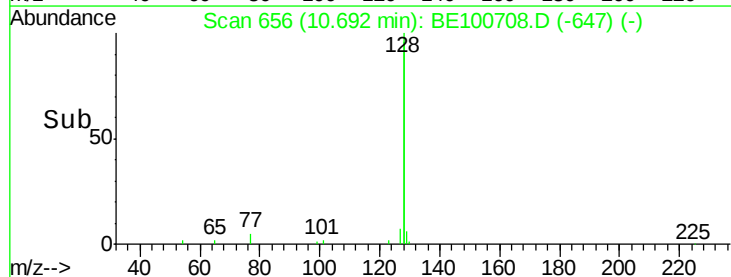
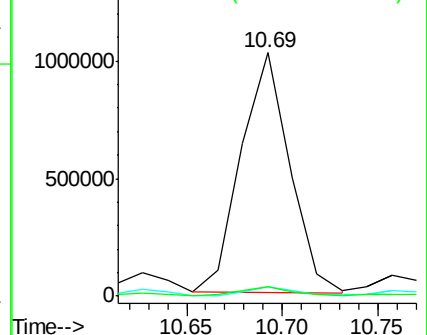
127 3.7 2.7 4.1

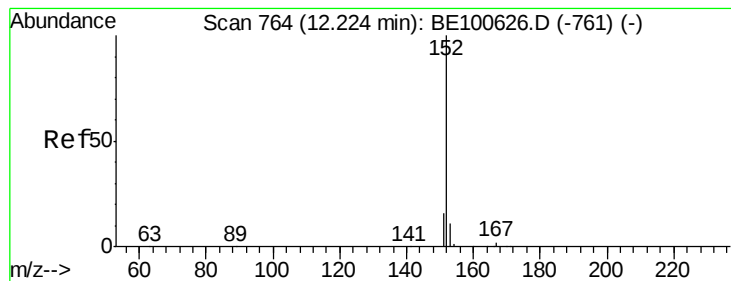


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.575 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.01 min

Lab File: BE100708.D

Acq: 7 Nov 2019 19:13

Instrument :

BNA_E

ClientSampleId :

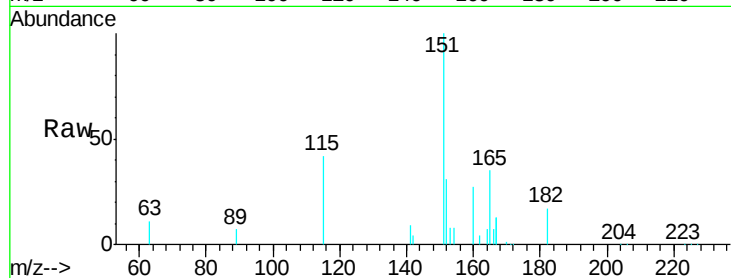
SO-4

Tgt Ion:152 Resp: 12580

Ion Ratio Lower Upper

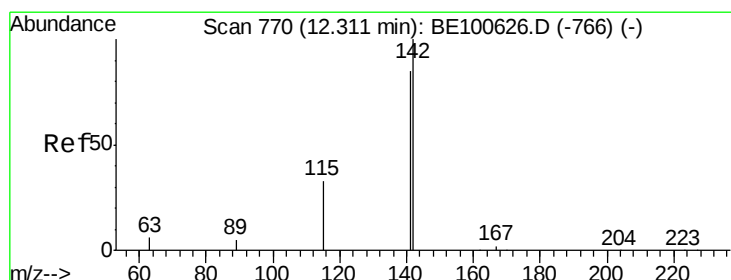
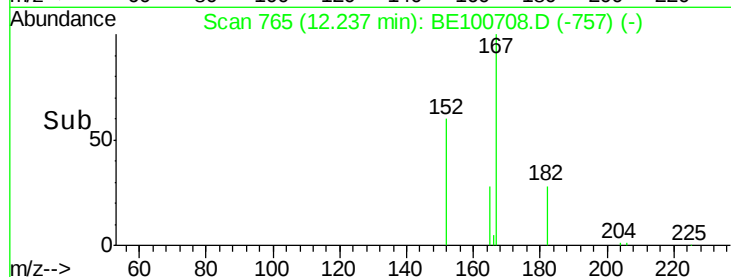
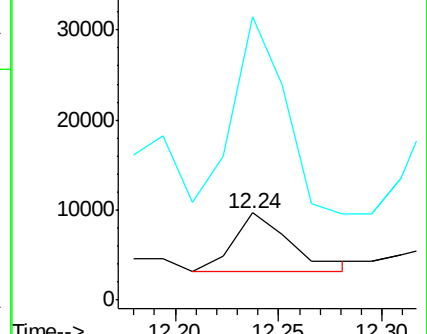
152 100

151 301.9 14.7 22.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 21.376 ng

RT: 12.31 min Scan# 770

Delta R.T. 0.01 min

Lab File: BE100708.D

Acq: 7 Nov 2019 19:13

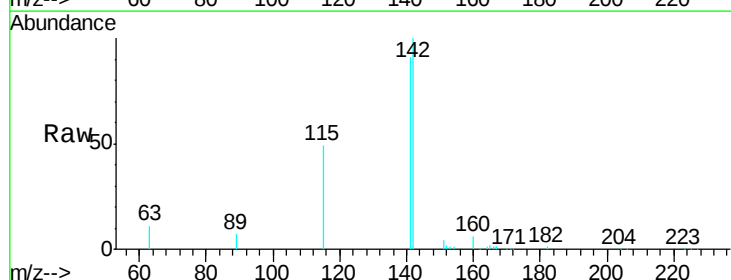
Tgt Ion:142 Resp: 531959

Ion Ratio Lower Upper

142 100

141 91.4 70.1 105.1

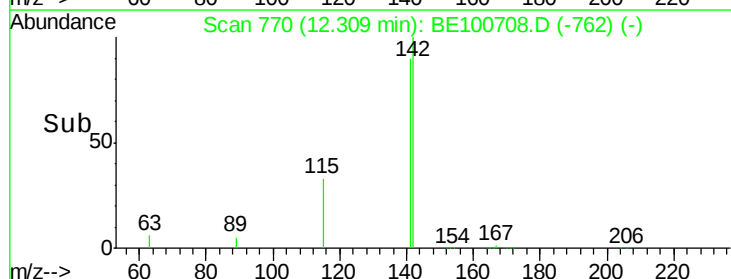
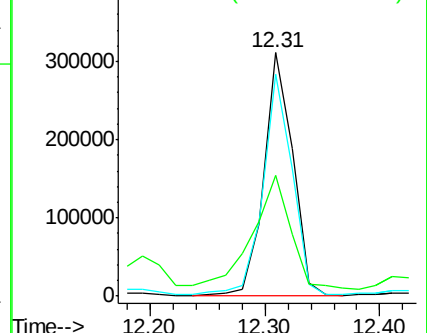
115 49.4 28.3 42.5#

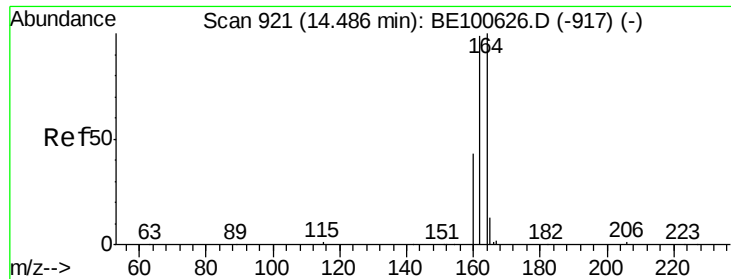


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

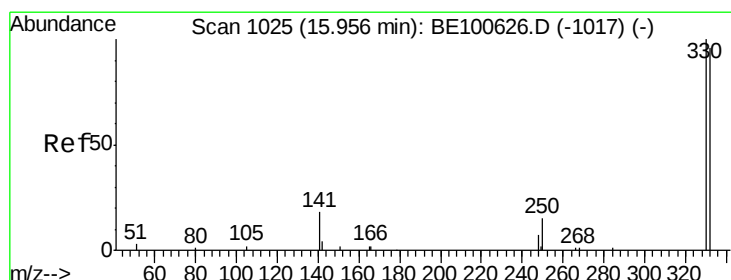
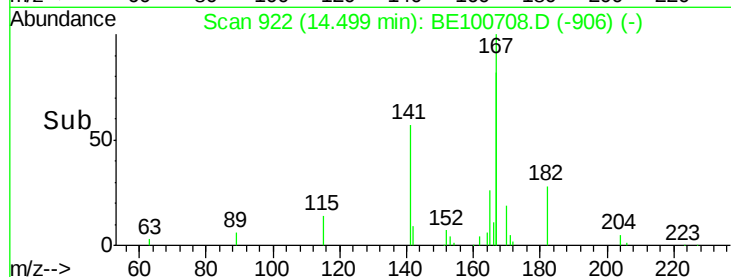
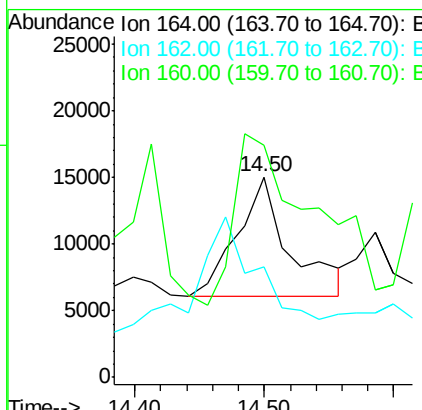
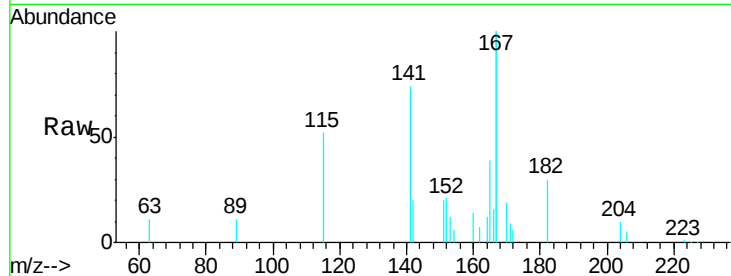




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.50 min Scan# 922
 Delta R.T. 0.03 min
 Lab File: BE100708.D
 Acq: 7 Nov 2019 19:13

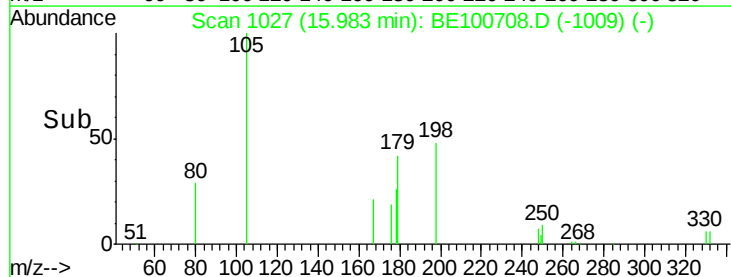
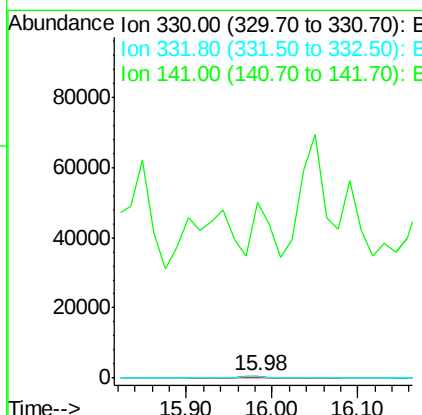
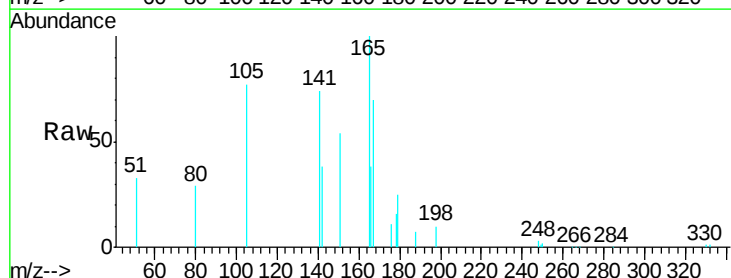
Instrument :
 BNA_E
 ClientSampled :
 SO-4

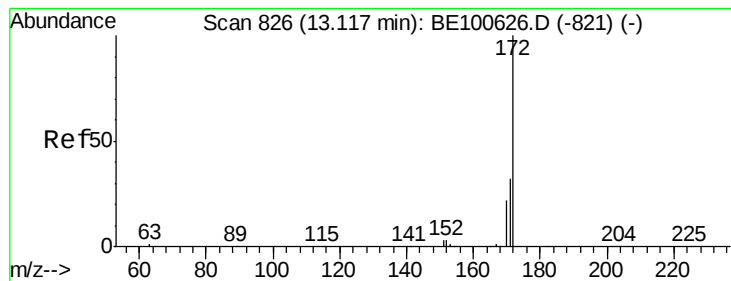
Tgt Ion:164 Resp: 25100
 Ion Ratio Lower Upper
 164 100
 162 55.5 82.0 123.0#
 160 116.1 37.5 56.3#



#14
 2,4,6-Tribromophenol
 Concen: 0.151 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.04 min
 Lab File: BE100708.D
 Acq: 7 Nov 2019 19:13

Tgt Ion:330 Resp: 1004
 Ion Ratio Lower Upper
 330 100
 332 84.5 77.9 116.9
 141 1965.7 33.0 49.6#





#15

2-Fluorobiphenyl

Concen: 0.085 ng

RT: 13.12 min Scan# 826

Delta R.T. 0.01 min

Lab File: BE100708.D

Acq: 7 Nov 2019 19:13

Instrument :

BNA_E

ClientSampleId :

SO-4

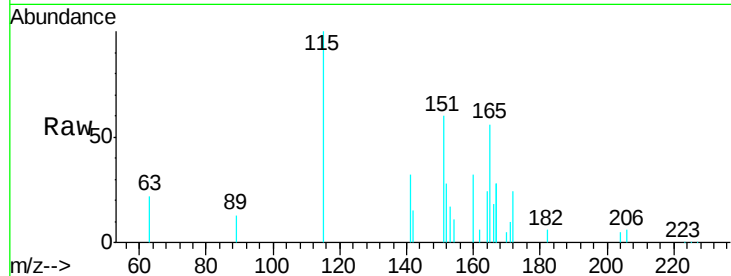
Tgt Ion:172 Resp: 7818

Ion Ratio Lower Upper

172 100

171 41.1 26.5 39.7#

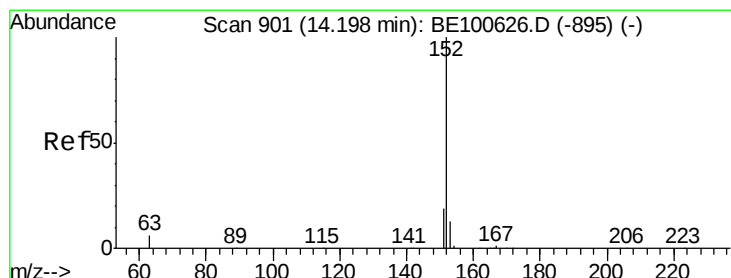
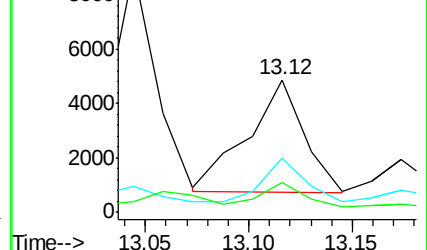
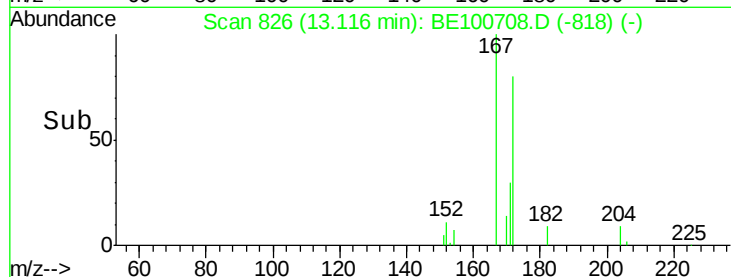
170 22.8 19.0 28.4



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: 3.479 ng

RT: 14.21 min Scan# 902

Delta R.T. 0.01 min

Lab File: BE100708.D

Acq: 7 Nov 2019 19:13

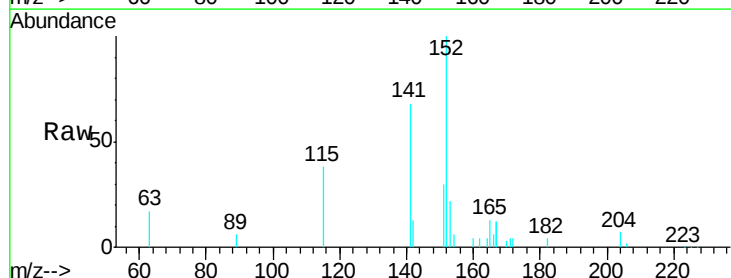
Tgt Ion:152 Resp: 375724

Ion Ratio Lower Upper

152 100

151 31.5 15.2 22.8#

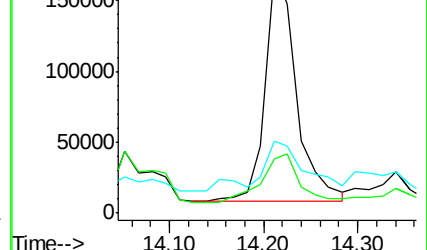
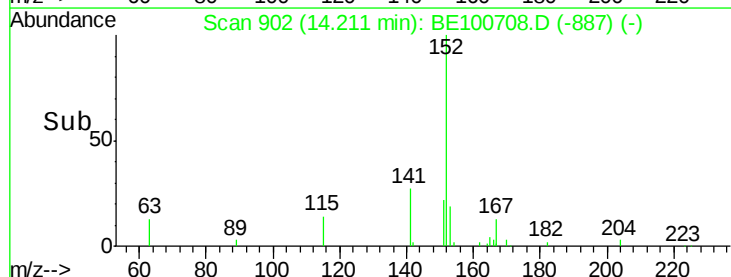
153 26.7 10.3 15.5#

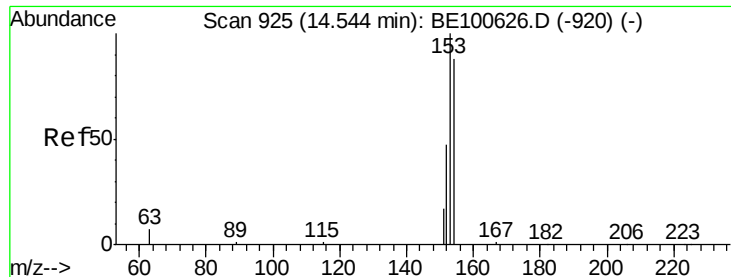


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 2.703 ng

RT: 14.56 min Scan# 926

Delta R.T. 0.03 min

Lab File: BE100708.D

Acq: 7 Nov 2019 19:13

Instrument :

BNA_E

ClientSampleId :

SO-4

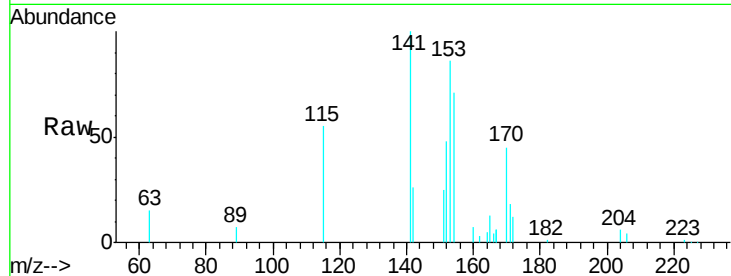
Tgt Ion:154 Resp: 188675

Ion Ratio Lower Upper

154 100

153 148.9 89.4 134.2#

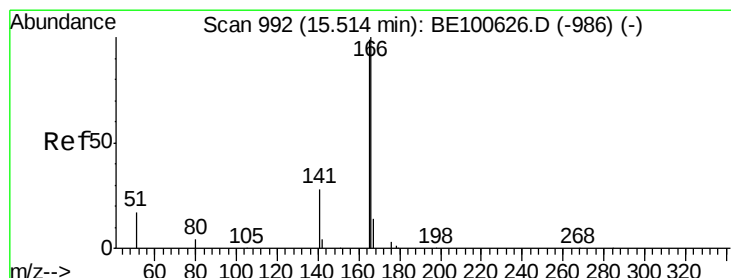
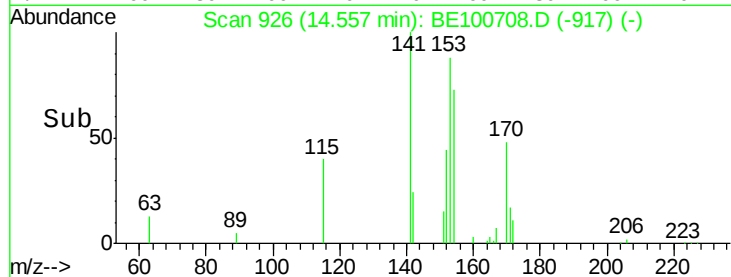
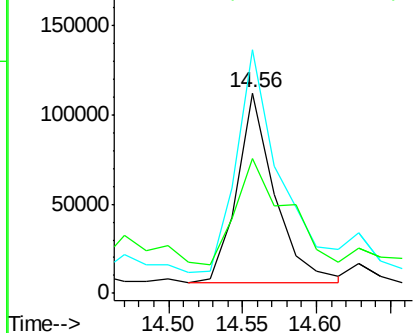
152 74.2 44.1 66.1#



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: 3.619 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.03 min

Lab File: BE100708.D

Acq: 7 Nov 2019 19:13

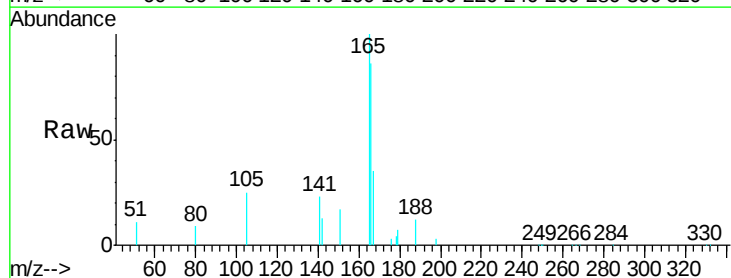
Tgt Ion:166 Resp: 335519

Ion Ratio Lower Upper

166 100

165 132.3 78.6 117.8#

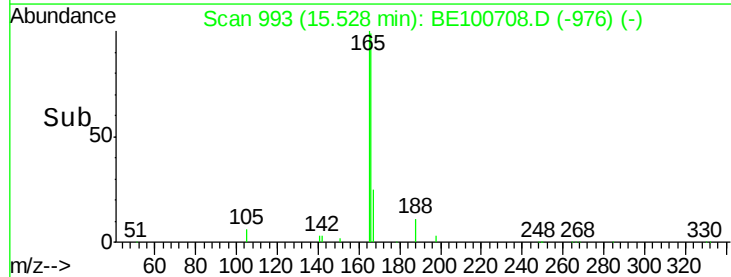
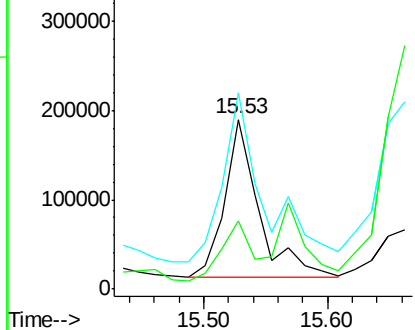
167 32.8 10.9 16.3#

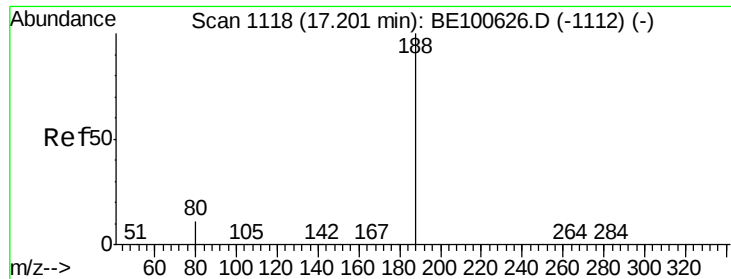


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.23 min Scan# 1120

Delta R.T. 0.03 min

Lab File: BE100708.D

Acq: 7 Nov 2019 19:13

Instrument :

BNA_E

ClientSampleId :

SO-4

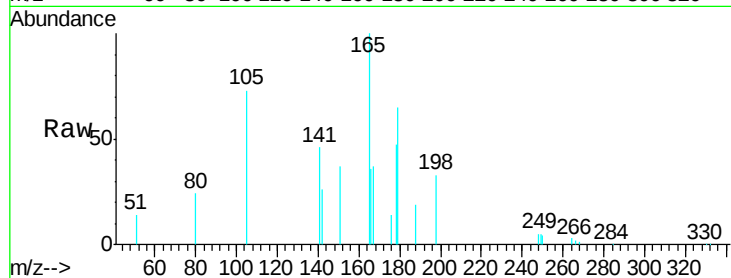
Tgt Ion:188 Resp: 15772

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

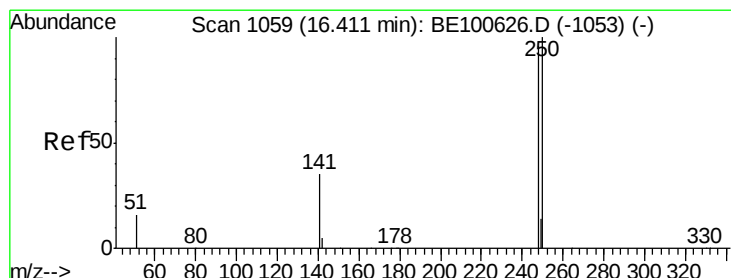
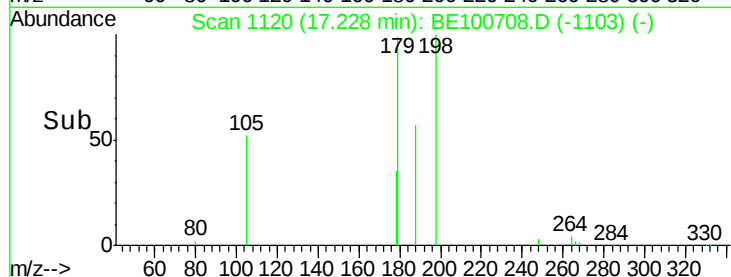
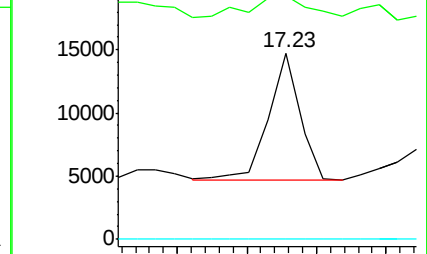
80 130.7 5.4 8.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.158 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.01 min

Lab File: BE100708.D

Acq: 7 Nov 2019 19:13

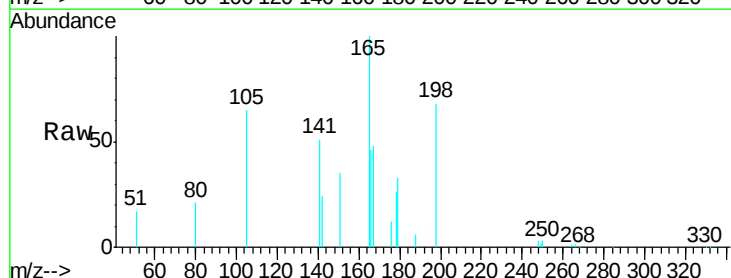
Tgt Ion:248 Resp: 1270

Ion Ratio Lower Upper

248 100

250 93.3 76.3 114.5

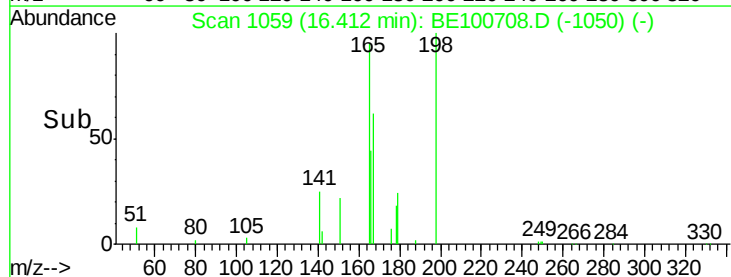
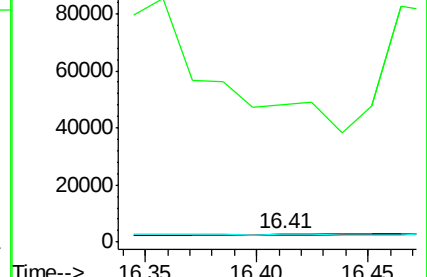
141 1645.9 37.3 55.9#

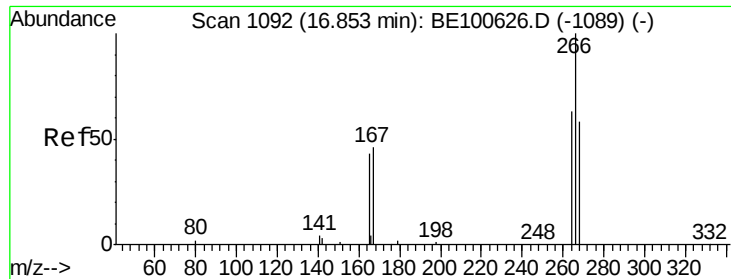


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#22

Pentachlorophenol

Concen: 0.287 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BE100708.D

Acq: 7 Nov 2019 19:13

Instrument :

BNA_E

ClientSampleId :

SO-4

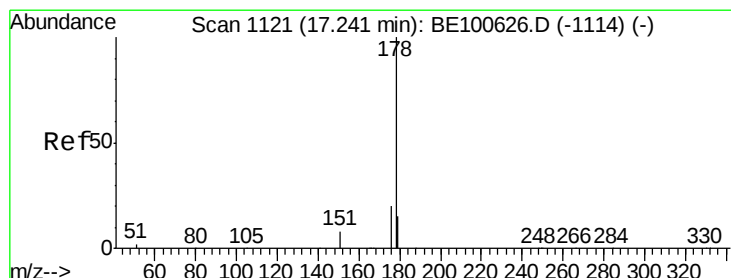
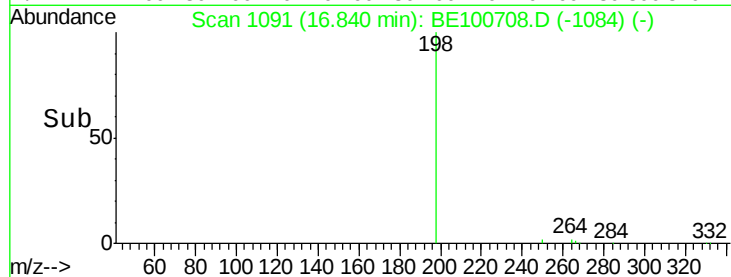
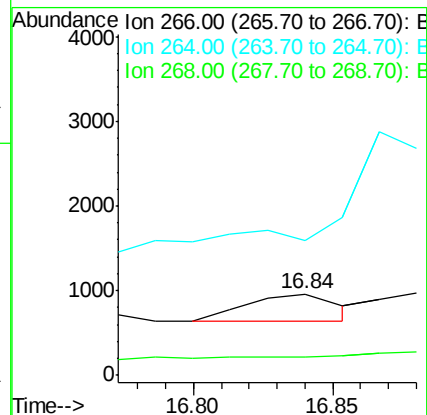
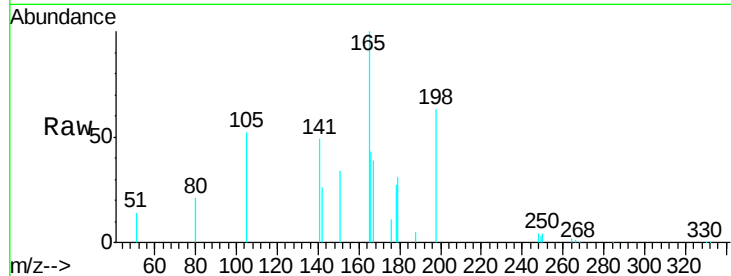
Tgt Ion:266 Resp: 707

Ion Ratio Lower Upper

266 100

264 165.2 52.2 78.4#

268 23.2 53.1 79.7#



#23

Phenanthrene

Concen: 58.482 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.03 min

Lab File: BE100708.D

Acq: 7 Nov 2019 19:13

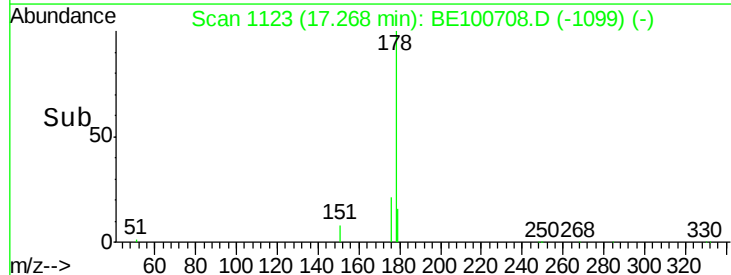
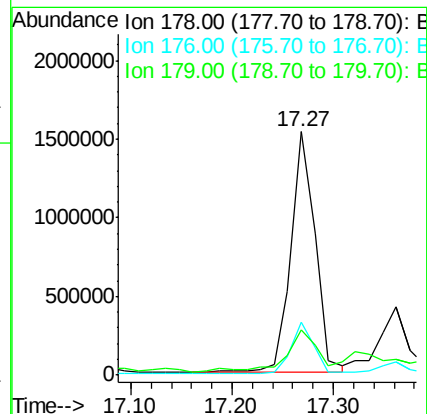
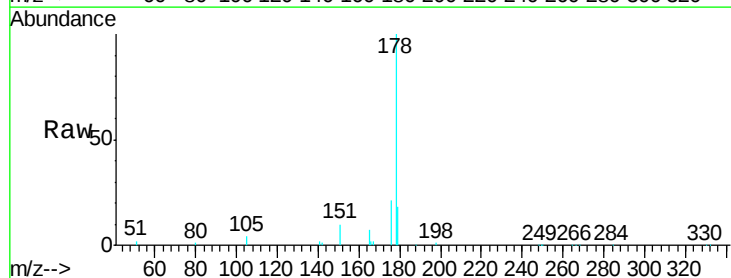
Tgt Ion:178 Resp: 2537056

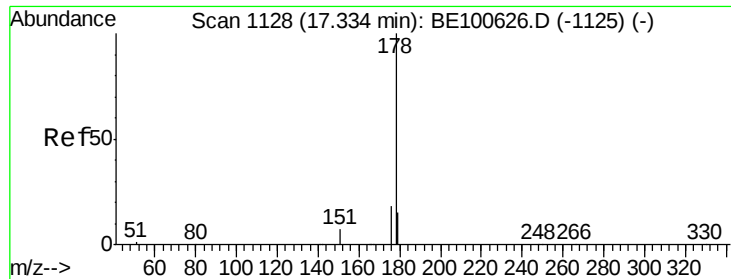
Ion Ratio Lower Upper

178 100

176 19.5 15.2 22.8

179 21.4 12.1 18.1#

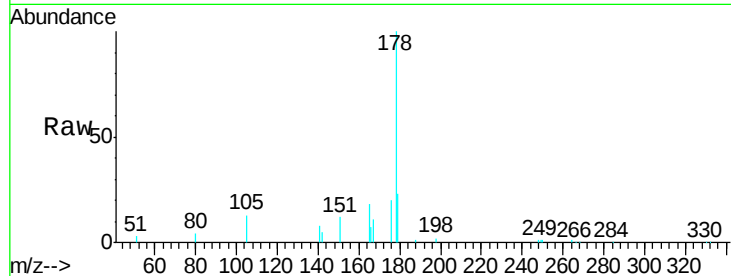




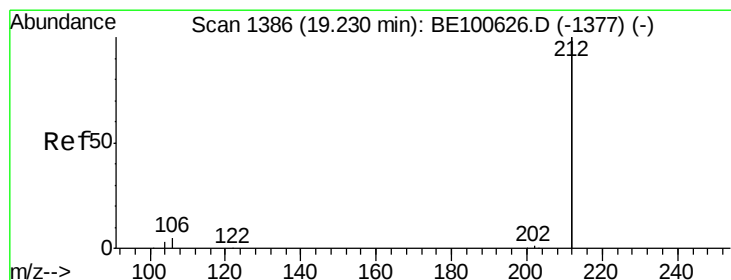
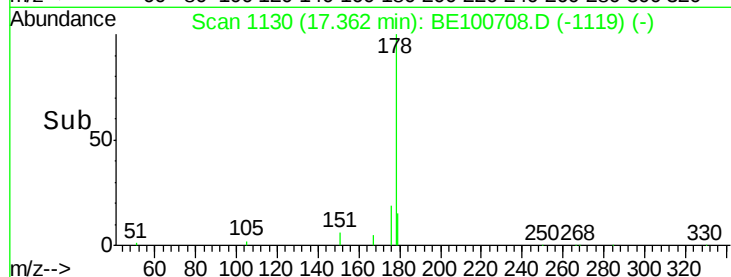
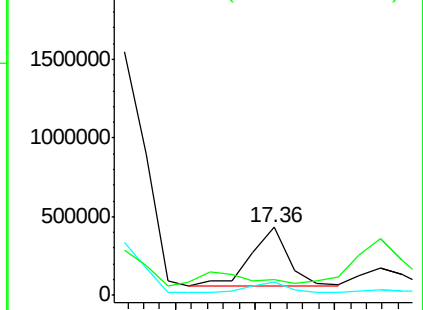
#24
 Anthracene
 Concen: 16.060 ng
 RT: 17.36 min Scan# 1130
 Delta R.T. 0.04 min
 Lab File: BE100708.D
 Acq: 7 Nov 2019 19:13

Instrument :
 BNA_E
 ClientSampleId :
 SO-4

Tgt Ion:178 Resp: 646465
 Ion Ratio Lower Upper
 178 100
 176 17.3 15.0 22.4
 179 0.0 12.5 18.7#

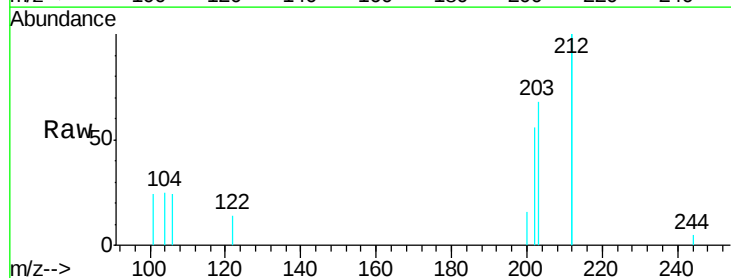


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

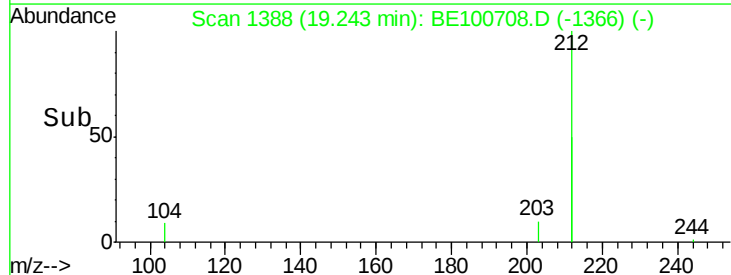
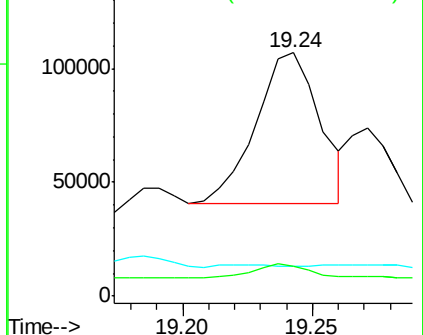


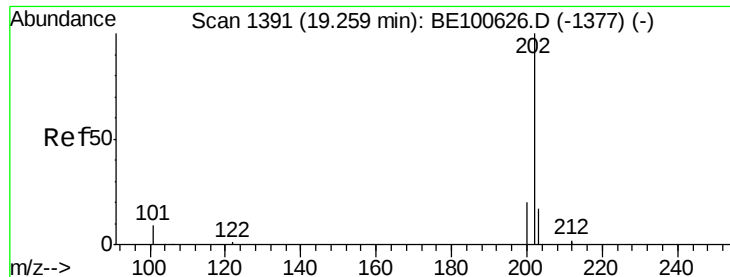
#25
 Fluoranthene-d10
 Concen: 0.560 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. 0.02 min
 Lab File: BE100708.D
 Acq: 7 Nov 2019 19:13

Tgt Ion:212 Resp: 113999
 Ion Ratio Lower Upper
 212 100
 106 0.0 2.3 3.5#
 104 10.0 1.3 1.9#



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

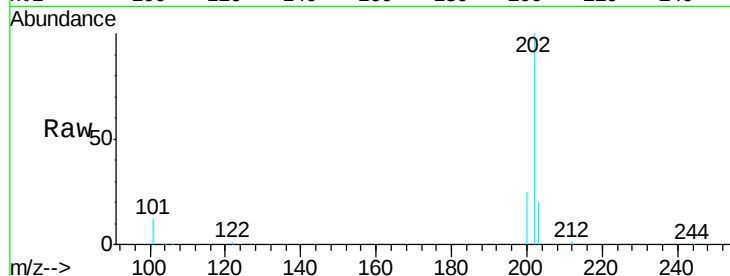




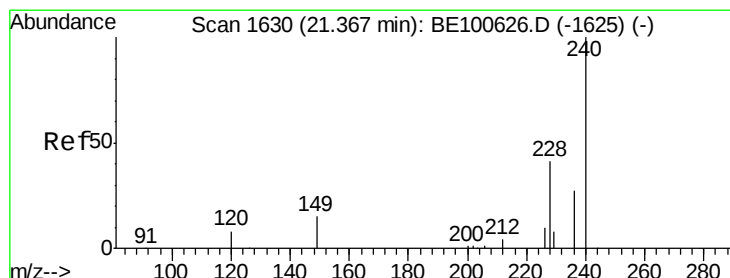
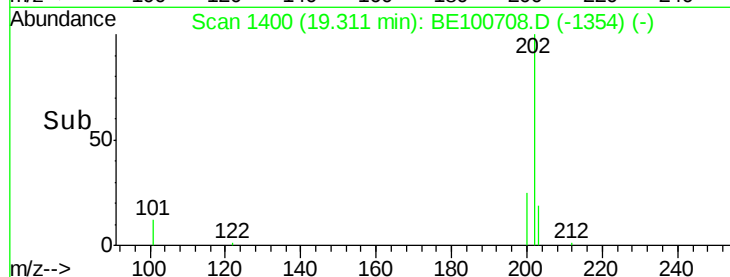
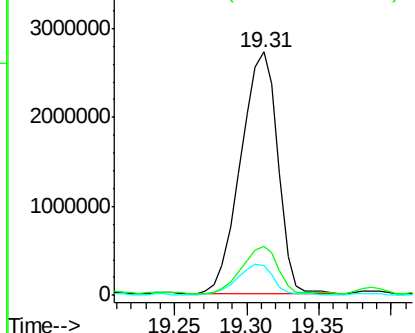
#26
Fluoranthene
Concen: 85.732 ng
RT: 19.31 min Scan# 1400
Delta R.T. 0.06 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Instrument :
BNA_E
ClientSampleId :
SO-4

Tgt Ion: 202 Resp: 4854194
Ion Ratio Lower Upper
202 100
101 12.1 8.5 12.7
203 19.0 13.8 20.8

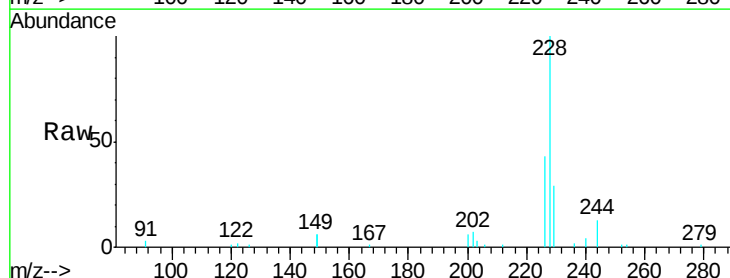


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

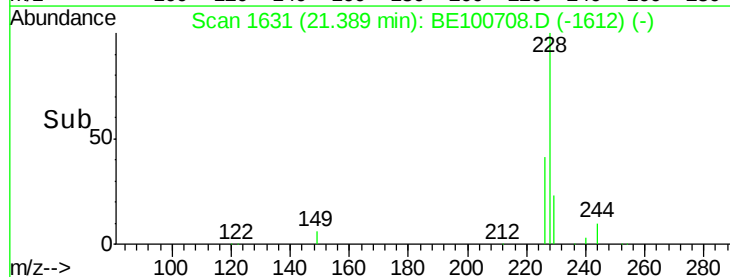
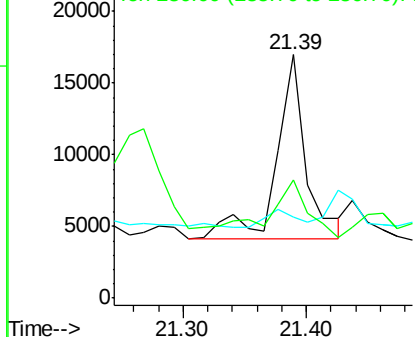


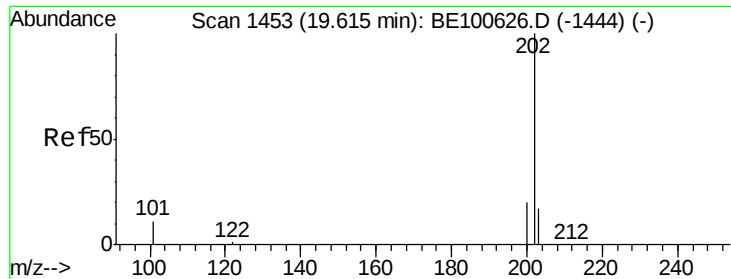
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1631
Delta R.T. 0.04 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Tgt Ion: 240 Resp: 21477
Ion Ratio Lower Upper
240 100
120 33.1 7.6 11.4#
236 48.7 22.1 33.1#



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

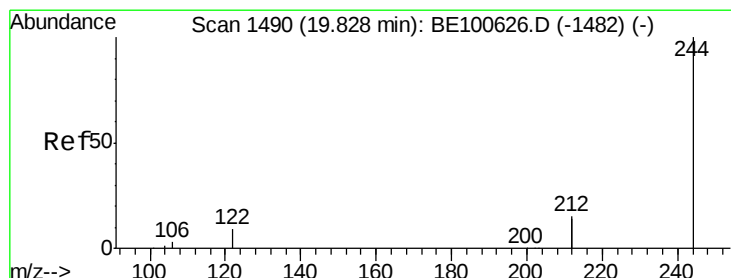
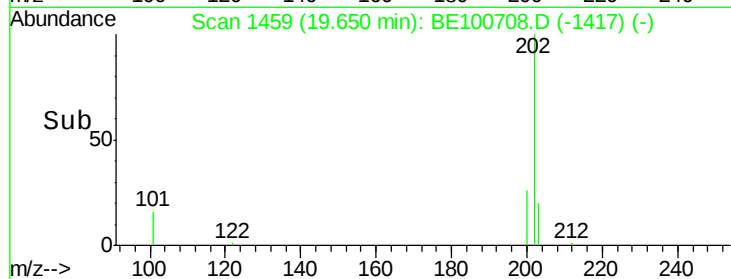
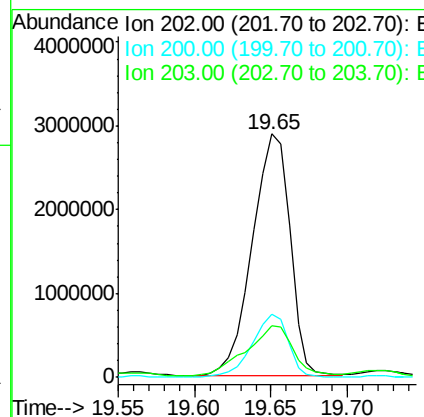
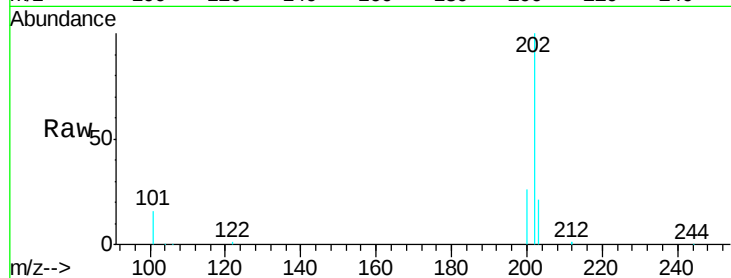




#28
 Pyrene
 Concen: 82.045 ng
 RT: 19.65 min Scan# 1459
 Delta R.T. 0.04 min
 Lab File: BE100708.D
 Acq: 7 Nov 2019 19:13

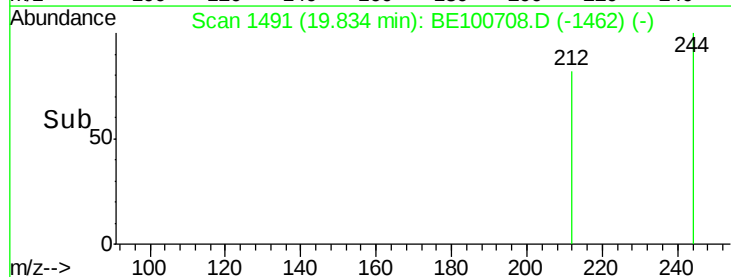
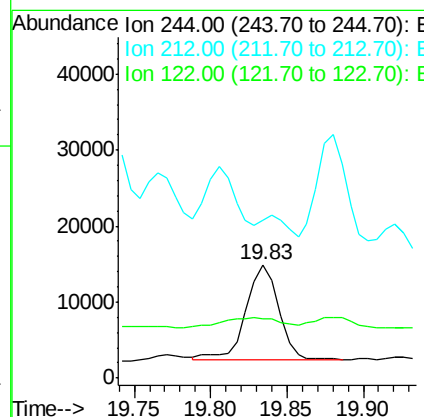
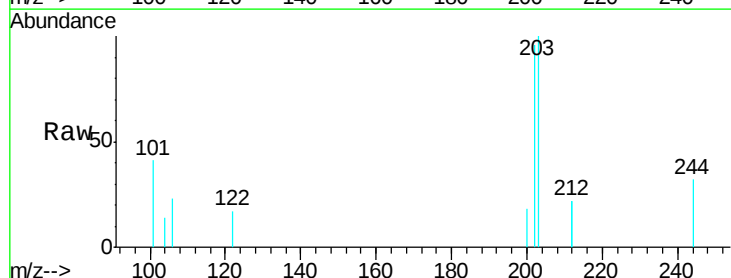
Instrument :
 BNA_E
 ClientSampleId :
 SO-4

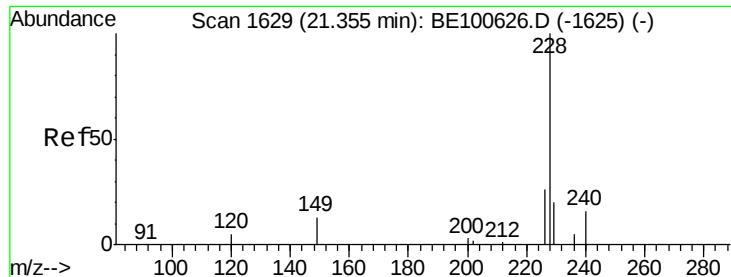
Tgt Ion: 202 Resp: 4922998
 Ion Ratio Lower Upper
 202 100
 200 24.1 16.7 25.1
 203 25.2 14.0 21.0#



#29
 Terphenyl-d14
 Concen: 0.395 ng
 RT: 19.83 min Scan# 1491
 Delta R.T. 0.02 min
 Lab File: BE100708.D
 Acq: 7 Nov 2019 19:13

Tgt Ion: 244 Resp: 18525
 Ion Ratio Lower Upper
 244 100
 212 139.2 23.7 35.5#
 122 52.8 7.9 11.9#





#30

Benzo(a)anthracene

Concen: 45.567 ng

RT: 21.37 min Scan# 1629

Delta R.T. 0.02 min

Lab File: BE100708.D

Acq: 7 Nov 2019 19:13

Instrument :

BNA_E

ClientSampleId :

SO-4

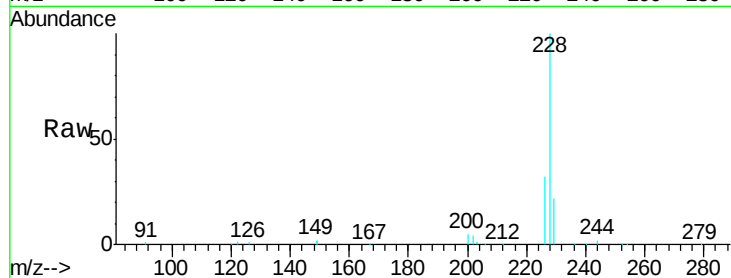
Tgt Ion:228 Resp: 3192342

Ion Ratio Lower Upper

228 100

226 32.0 21.4 32.0

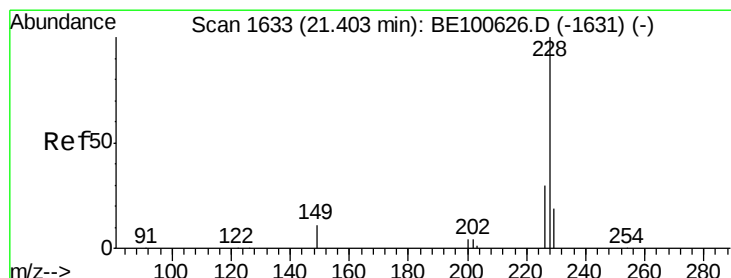
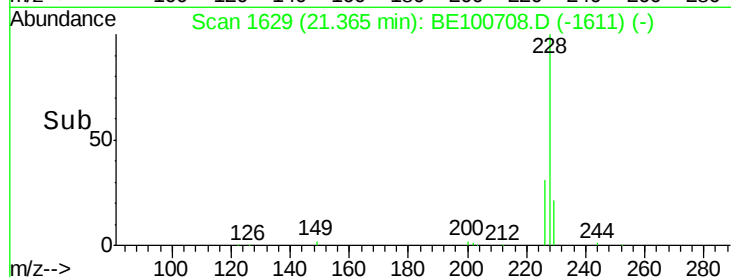
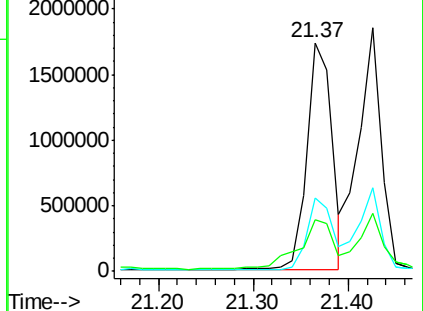
229 22.4 16.0 24.0



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: 25.134 ng

RT: 21.37 min Scan# 1629

Delta R.T. -0.03 min

Lab File: BE100708.D

Acq: 7 Nov 2019 19:13

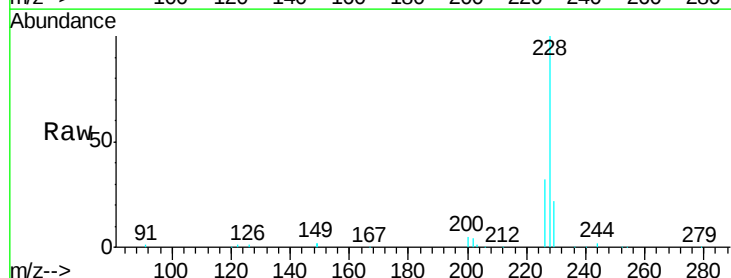
Tgt Ion:228 Resp: 1759729

Ion Ratio Lower Upper

228 100

226 32.0 24.6 37.0

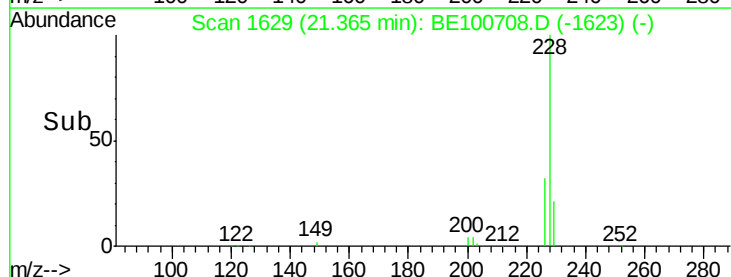
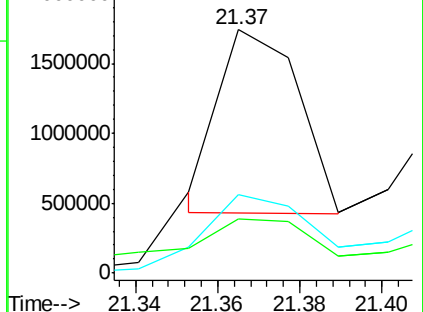
229 22.4 15.8 23.8

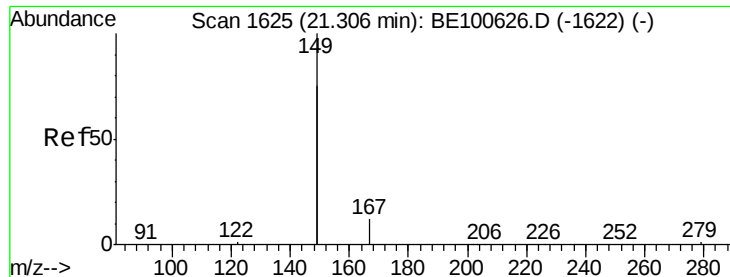


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 3.095 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100708.D

Acq: 7 Nov 2019 19:13

Instrument :

BNA_E

ClientSampled :

SO-4

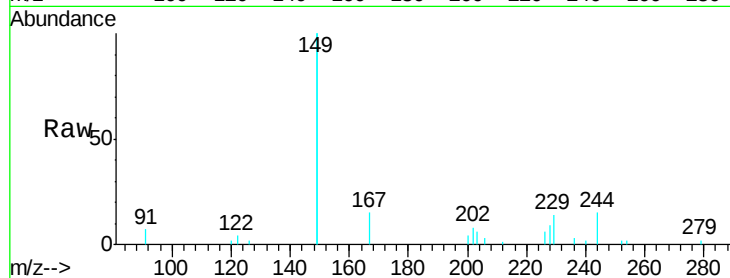
Tgt Ion:149 Resp: 453597

Ion Ratio Lower Upper

149 100

167 7.7 5.5 8.3

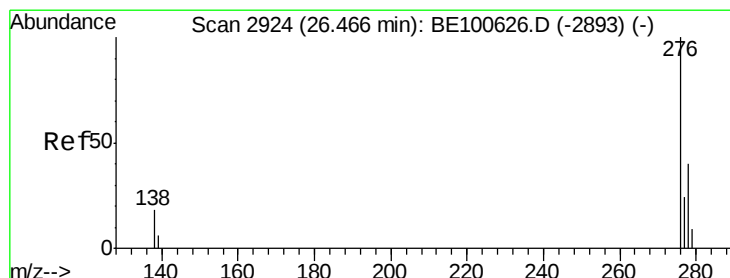
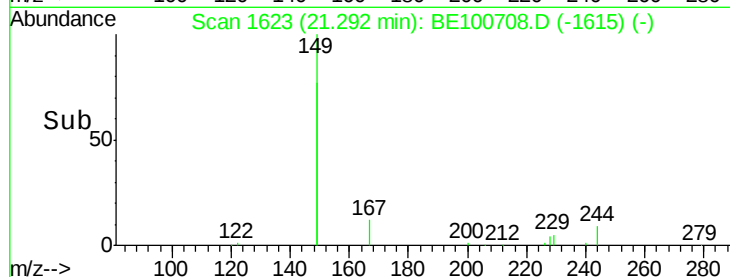
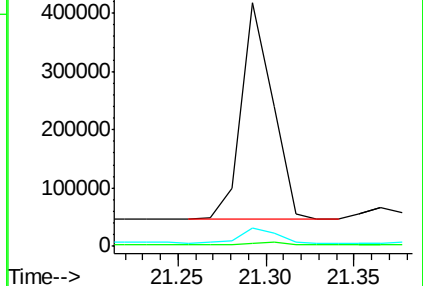
279 1.7 0.9 1.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 39.679 ng

RT: 26.55 min Scan# 2946

Delta R.T. 0.11 min

Lab File: BE100708.D

Acq: 7 Nov 2019 19:13

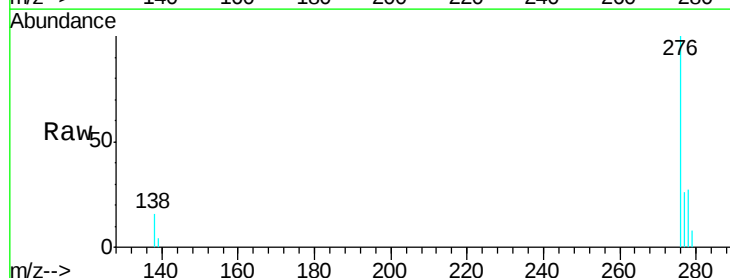
Tgt Ion:276 Resp: 3414394

Ion Ratio Lower Upper

276 100

138 14.7 15.3 22.9#

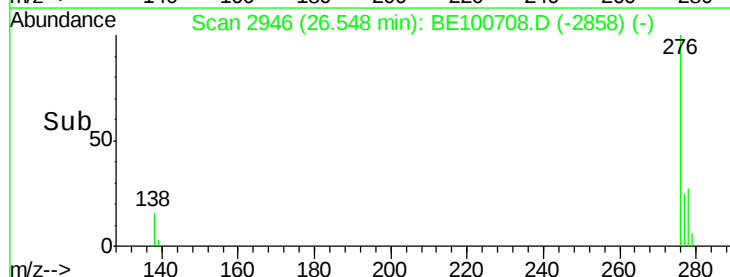
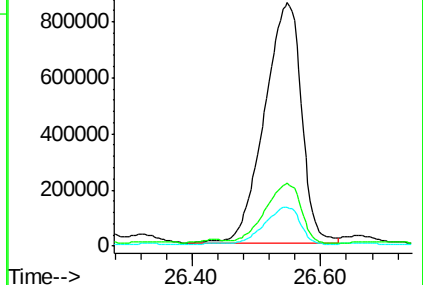
277 24.2 19.4 29.2

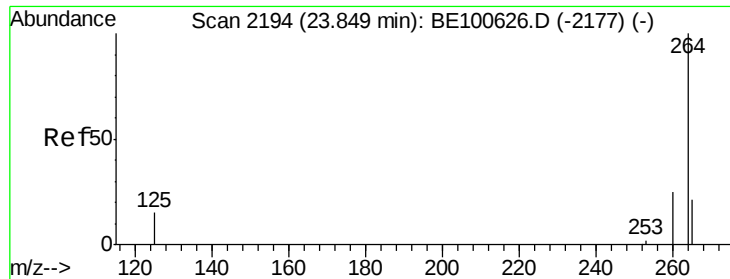


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

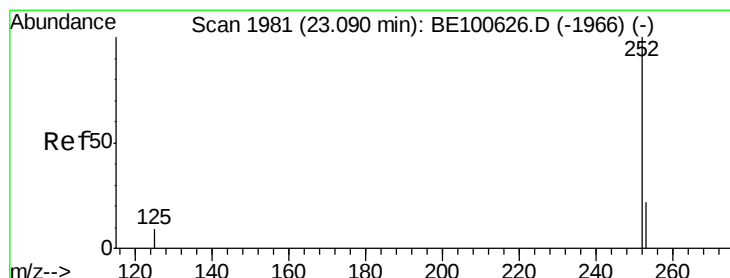
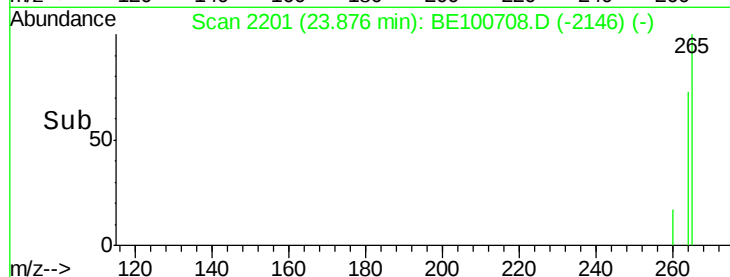
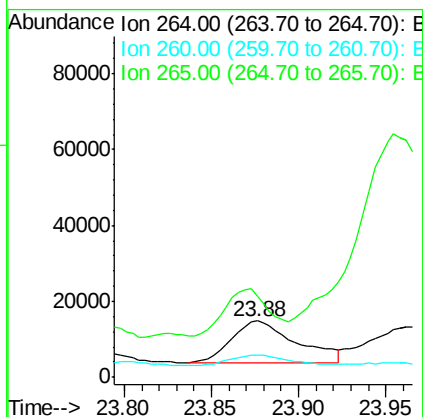
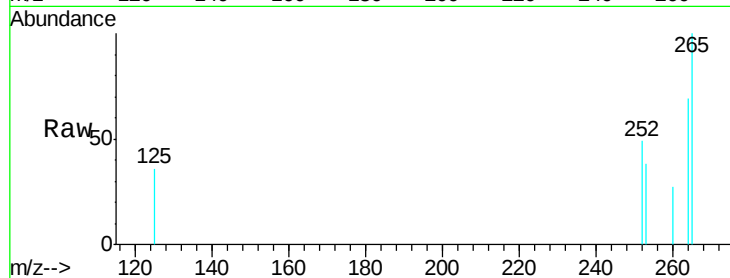




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.88 min Scan# 2201
Delta R.T. 0.05 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

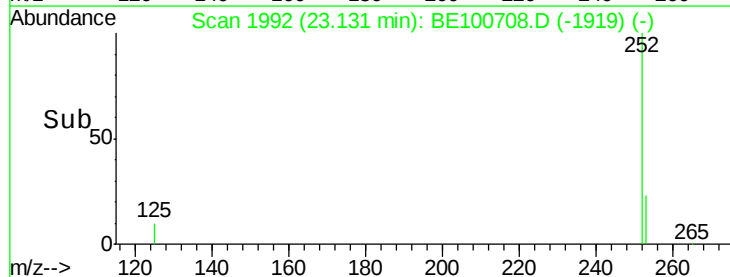
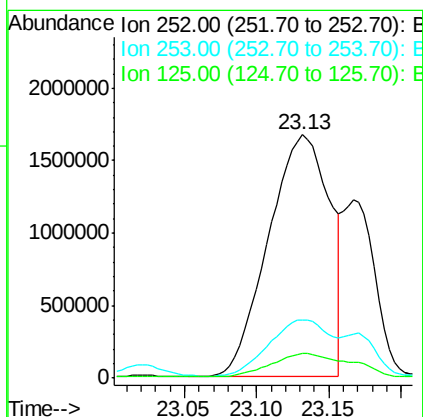
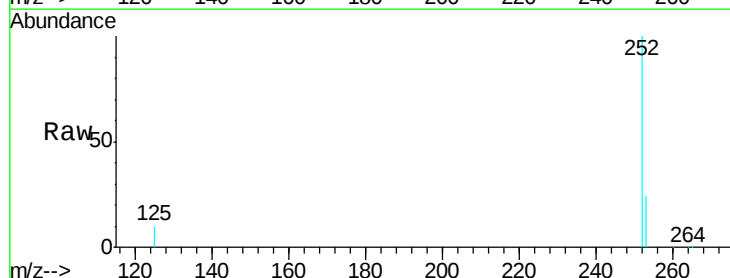
Instrument :
BNA_E
ClientSampleId :
SO-4

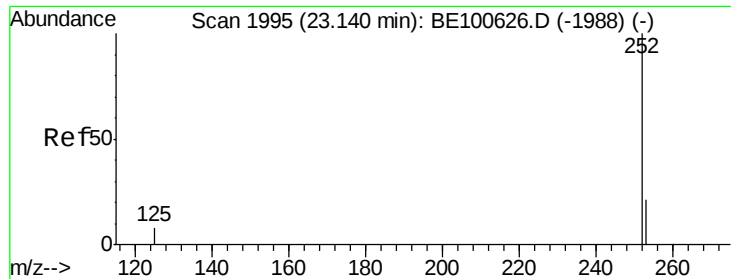
Tgt Ion: 264 Resp: 28380
Ion Ratio Lower Upper
264 100
260 39.5 19.4 29.2#
265 144.5 21.7 32.5#



#35
Benzo(b)fluoranthene
Concen: 59.626 ng
RT: 23.13 min Scan# 1992
Delta R.T. 0.06 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Tgt Ion: 252 Resp: 4934225
Ion Ratio Lower Upper
252 100
253 24.0 18.4 27.6
125 10.0 7.6 11.4





#36

Benzo(k)fluoranthene

Concen: 57.976 ng

RT: 23.13 min Scan# 1992

Delta R.T. 0.01 min

Lab File: BE100708.D

Acq: 7 Nov 2019 19:13

Instrument :

BNA_E

ClientSampleId :

SO-4

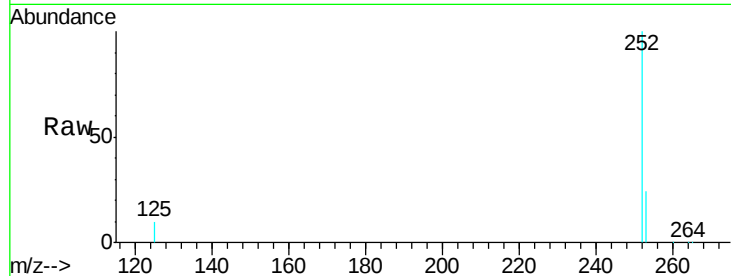
Tgt Ion:252 Resp: 4934225

Ion Ratio Lower Upper

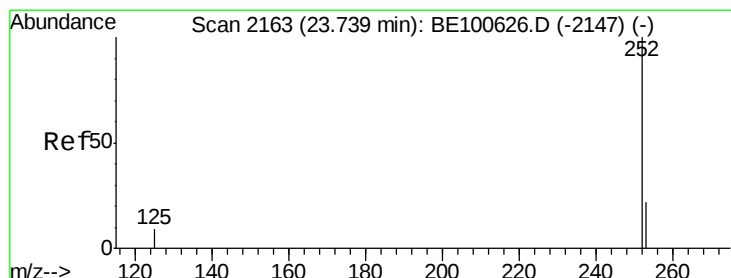
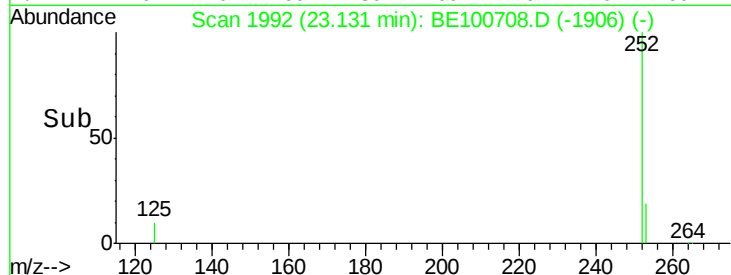
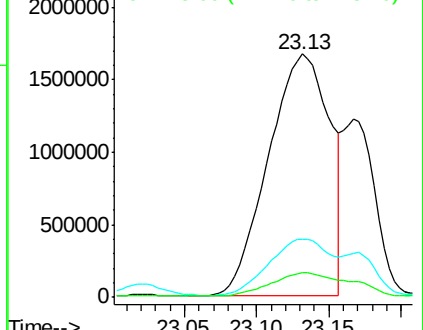
252 100

253 24.0 18.4 27.6

125 10.0 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: 46.793 ng

RT: 23.78 min Scan# 2175

Delta R.T. 0.06 min

Lab File: BE100708.D

Acq: 7 Nov 2019 19:13

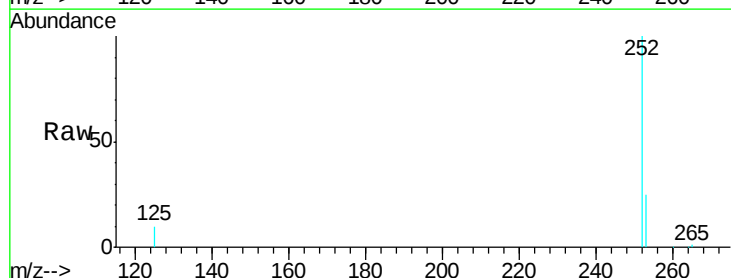
Tgt Ion:252 Resp: 3604428

Ion Ratio Lower Upper

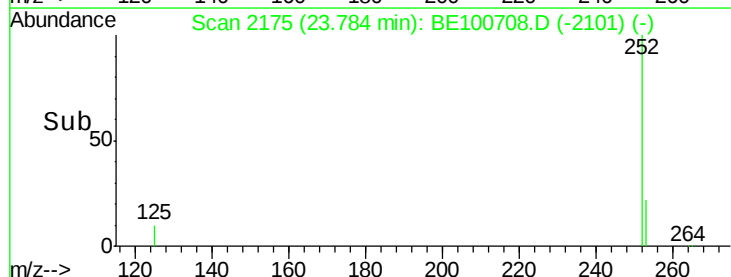
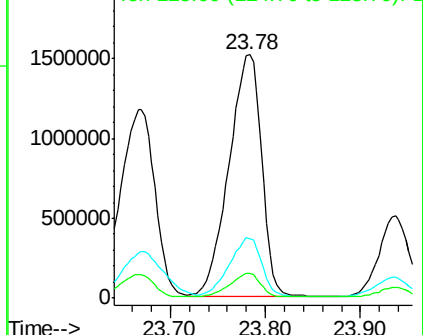
252 100

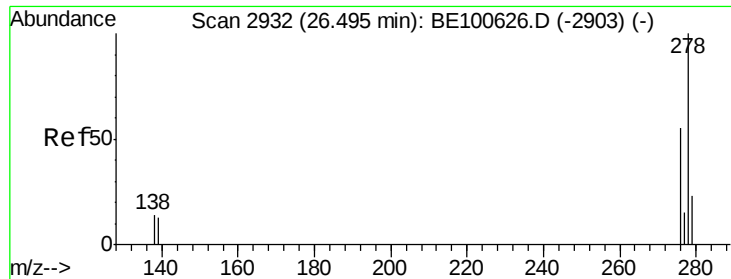
253 24.5 18.4 27.6

125 10.0 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: 9.911 ng

RT: 26.55 min Scan# 2946

Delta R.T. 0.09 min

Lab File: BE100708.D

Acq: 7 Nov 2019 19:13

Instrument :

BNA_E

ClientSampleId :

SO-4

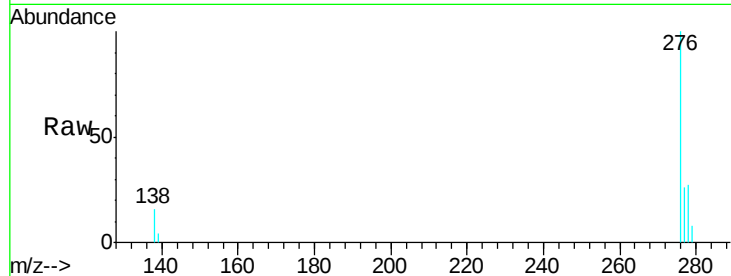
Tgt Ion:278 Resp: 789090

Ion Ratio Lower Upper

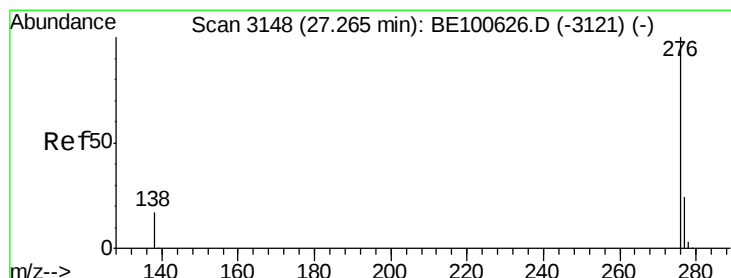
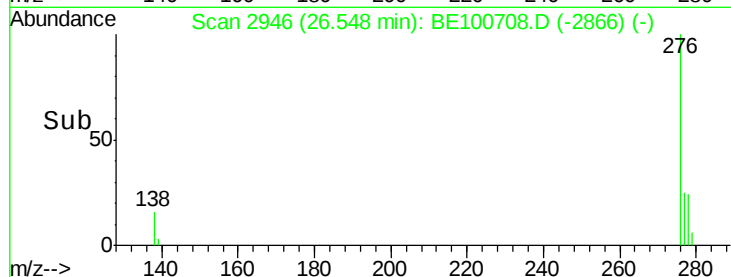
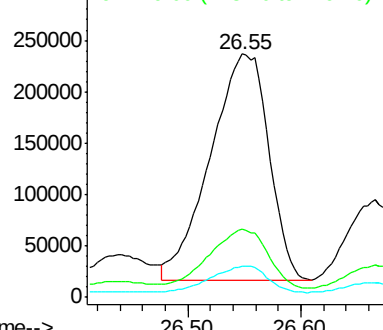
278 100

139 12.9 10.9 16.3

279 27.8 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: 42.054 ng

RT: 27.37 min Scan# 3177

Delta R.T. 0.14 min

Lab File: BE100708.D

Acq: 7 Nov 2019 19:13

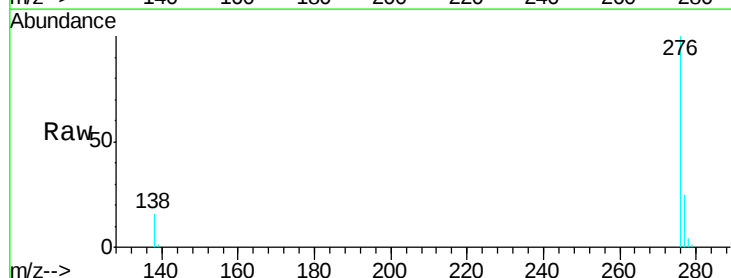
Tgt Ion:276 Resp: 3367490

Ion Ratio Lower Upper

276 100

277 24.8 19.4 29.0

138 15.9 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

