

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071420\
 Data File : BM026745.D
 Acq On : 14 Jul 2020 10:29
 Operator : JU/CG
 Sample : PB130164BL
 Misc : PBBL-SOIL-01
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK64

Quant Time: Jul 14 11:11:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 14 10:31:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	59609	20.00	ng/ul	0.00
18) Naphthalene-d8	10.07	136	233480	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	142006	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	306013	20.00	ng/ul	0.00
78) Chrysene-d12	20.96	240	303497	20.00	ng/ul	0.00
86) Perylene-d12	23.02	264	355358	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.90	96	12316	6.21	ng/uL	0.00
5) Phenol-d5	6.53	99	163788	30.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	119901	32.47	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	132048	31.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	128243	29.37	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	60981	33.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	67350	34.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	118192	30.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	163900	40.37	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	389675	34.40	ng/ul	0.00
47) Acenaphthylene-d8	13.66	160	438664	32.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.24	143	46774	28.61	ng/ul	0.00
58) Fluorene-d10	14.98	176	327680	33.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.14	200	51187	26.77	ng/ul	0.00
71) Anthracene-d10	16.83	188	423534	28.10	ng/ul	0.00
79) Pyrene-d10	19.14	212	575986	36.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	649197	33.85	ng/ul	0.00

Target Compounds

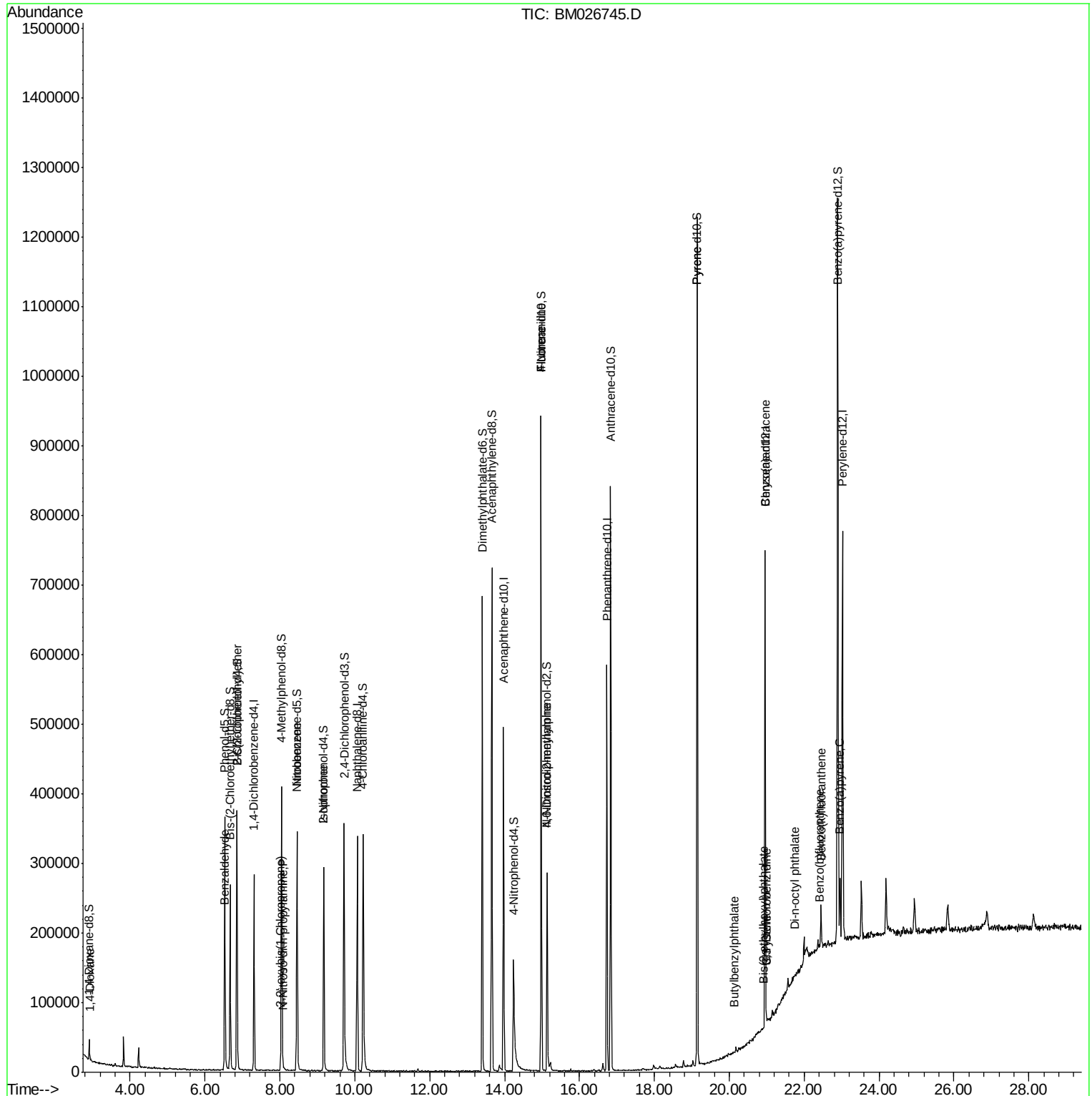
				Ovalue	
2) 1,4-Dioxane	2.93	88	139	0.065	ng/uL# 26
4) Benzaldehyde	6.51	77	55	0.019	ng/ul# 8
8) Bis(2-Chloroethyl)ether	6.85	93	137	0.030	ng/ul# 1
12) 2,2'-oxybis(1-Chloropropan	8.01	45	54	0.006	ng/ul# 73
15) N-Nitroso-di-n-propylamine	8.08	70	56	0.013	ng/ul# 1
20) Nitrobenzene	8.47	77	742	0.127	ng/ul# 41
21) Isophorone	9.17	82	8430	0.861	ng/ul# 76
59) Fluorene	14.98	166	852	0.071	ng/ul# 12
61) 4-Nitroaniline	14.97	138	125	0.058	ng/ul# 1
65) N-Nitrosodiphenylamine	15.13	169	421	0.041	ng/ul# 10
80) Pyrene	19.14	202	805	0.037	ng/ul# 1
81) Butylbenzylphthalate	20.12	149	77	0.010	ng/ul# 17
82) 3,3'-Dichlorobenzidine	20.99	252	115	0.019	ng/ul# 26
83) Benzo(a)anthracene	20.96	228	999	0.048	ng/ul# 56
84) Bis(2-ethylhexyl)phthalate	20.91	149	297	0.026	ng/ul# 53
85) Chrysene	20.99	228	135	0.007	ng/ul# 50
87) Di-n-octyl phthalate	21.75	149	558	0.025	ng/ul 100
88) Benzo(b)fluoranthene	22.42	252	205	0.008	ng/ul# 1
89) Benzo(k)fluoranthene	22.45	252	248	0.010	ng/ul# 1
91) Benzo(a)pyrene	22.95	252	180	0.008	ng/ul# 1

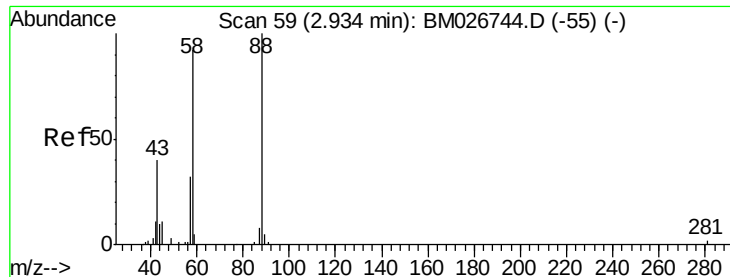
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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#2

1,4-Dioxane

Concen: 0.065 ng/uL

RT: 2.93 min Scan# 33

Delta R.T. -0.00 min

Lab File: BM026745.D

Acq: 14 Jul 2020 10:29

Instrument :

BNA_M

ClientSampled :

SBLK64

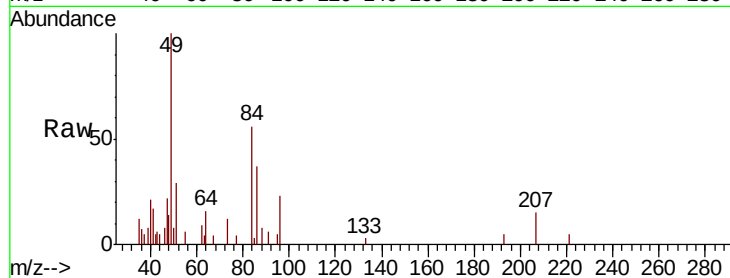
Tot Ion: 88 Resp: 139

Ion Ratio Lower Upper

88 100

43 73.1 38.2 57.2#

58 0.0 68.9 103.3#



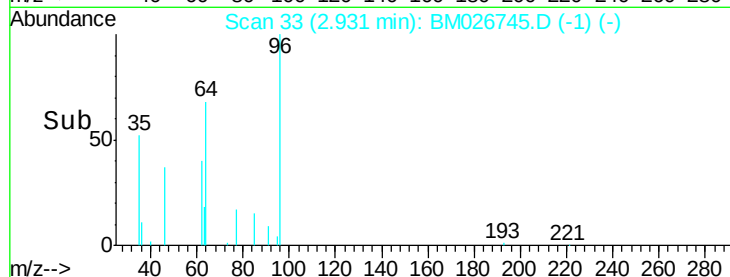
Abundance Ion 88.00 (87.70 to 88.70): BM026745.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM026745.D (-1) (-)

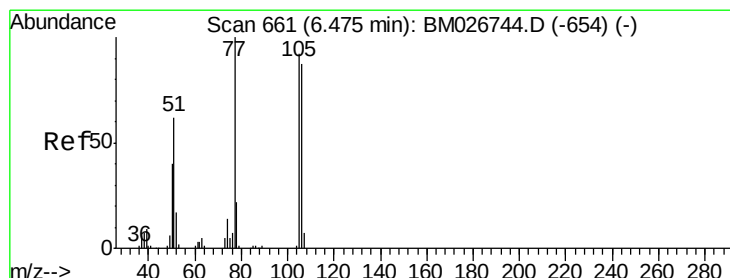
Ion 58.00 (57.70 to 58.70): BM026745.D (-1) (-)

2.93

Time-->



Time-->



#4

Benzaldehyde

Concen: 0.019 ng/uL

RT: 6.51 min Scan# 641

Delta R.T. 0.03 min

Lab File: BM026745.D

Acq: 14 Jul 2020 10:29

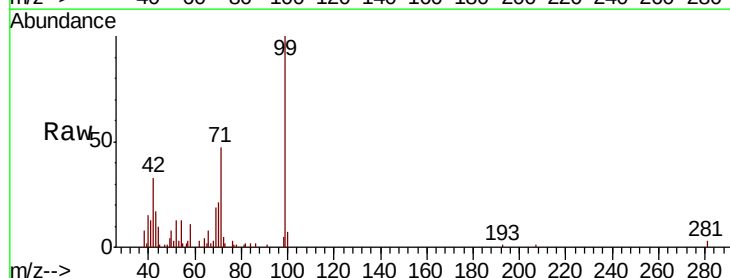
Tgt Ion: 77 Resp: 55

Ion Ratio Lower Upper

77 100

105 0.0 67.5 101.3#

106 0.0 66.2 99.4#



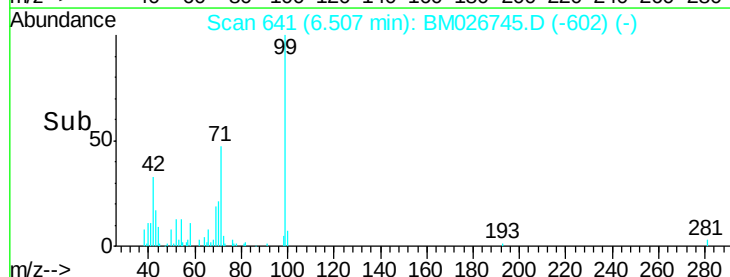
Abundance Ion 77.00 (76.70 to 77.70): BM026745.D (-602) (-)

Ion 105.00 (104.70 to 105.70): BM026745.D (-602) (-)

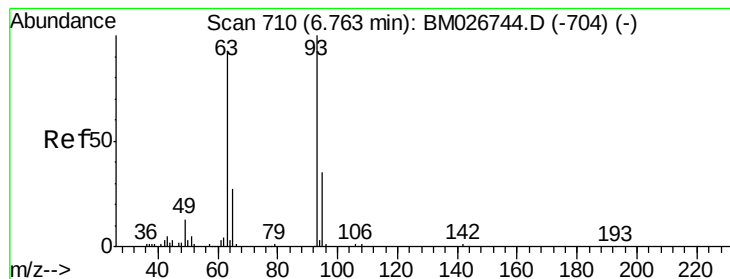
Ion 106.00 (105.70 to 106.70): BM026745.D (-602) (-)

6.51

Time-->



Time-->



#8

Bis(2-Chloroethyl)ether

Concen: 0.030 ng/ul

RT: 6.85 min Scan# 699

Delta R.T. 0.09 min

Lab File: BM026745.D

Acq: 14 Jul 2020 10:29

Instrument :

BNA_M

ClientSampleId :

SBLK64

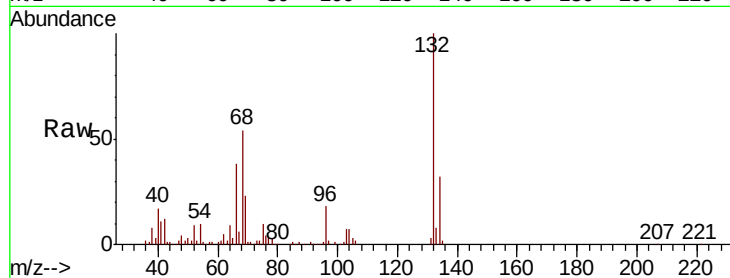
Tot Ion: 93 Resp: 137

Ion Ratio Lower Upper

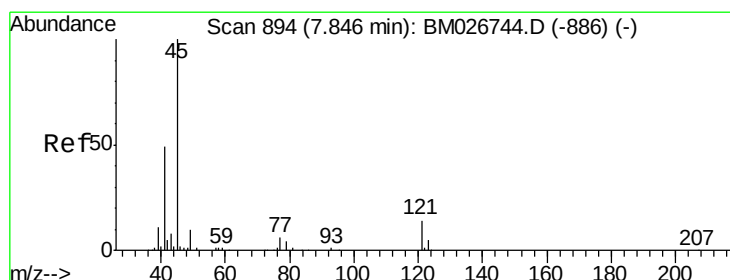
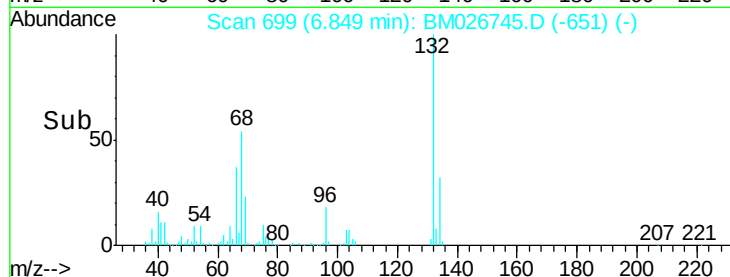
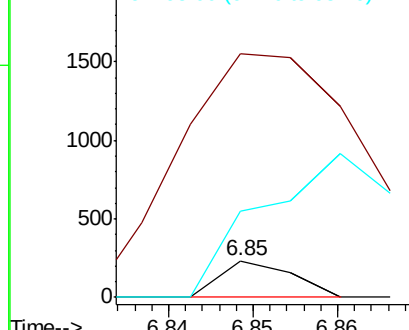
93 100

63 666.1 75.5 113.3#

95 236.5 25.2 37.8#



Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 63.00 (62.70 to 63.70): BM0
Ion 95.00 (94.70 to 95.70): BM0



#12

2,2'-oxybis(1-Chloropropane)

Concen: 0.006 ng/ul

RT: 8.01 min Scan# 897

Delta R.T. 0.17 min

Lab File: BM026745.D

Acq: 14 Jul 2020 10:29

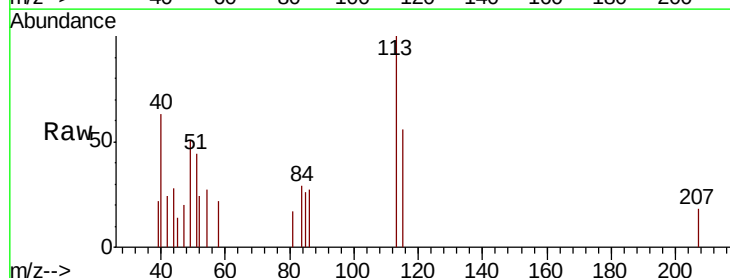
Tgt Ion: 45 Resp: 54

Ion Ratio Lower Upper

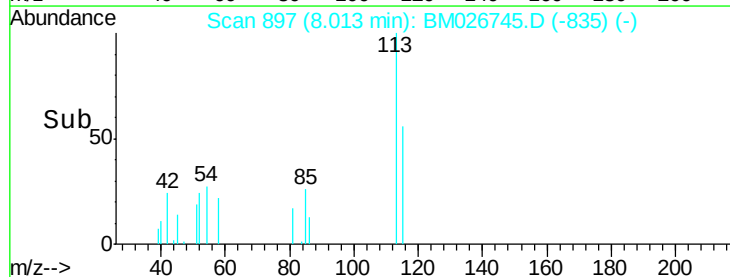
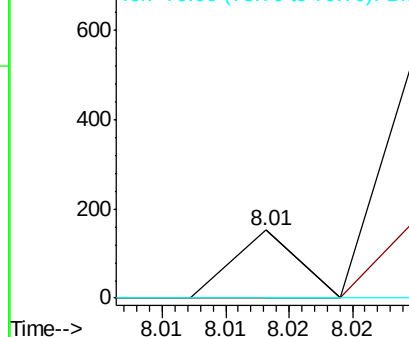
45 100

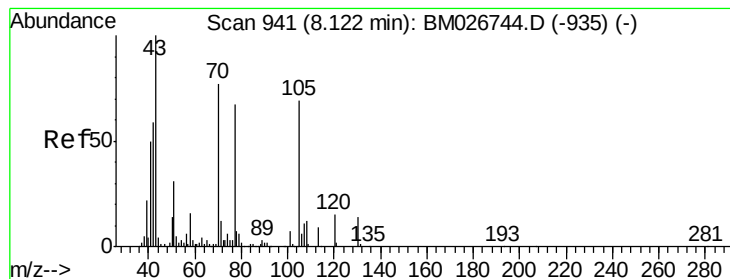
77 0.0 8.8 13.2#

79 0.0 7.0 10.6#



Abundance Ion 45.00 (44.70 to 45.70): BM0
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0





#15

N-Nitroso-di-n-propylamine

Concen: 0.013 ng/ul

RT: 8.08 min Scan# 908

Delta R.T. -0.04 min

Lab File: BM026745.D

Acq: 14 Jul 2020 10:29

Instrument :

BNA_M

ClientSampleId :

SBLK64

Tot Ion: 70 Resp: 56

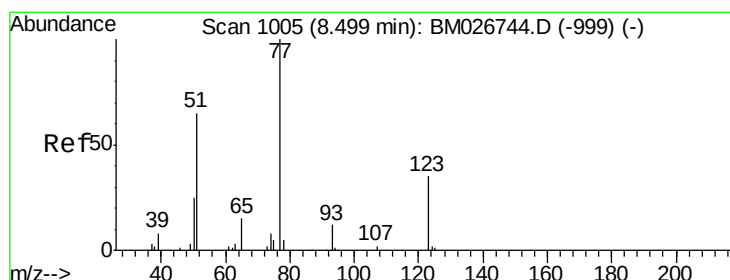
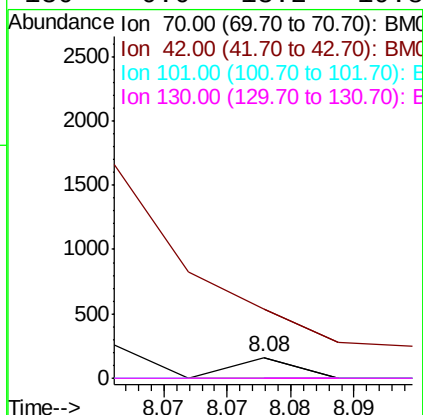
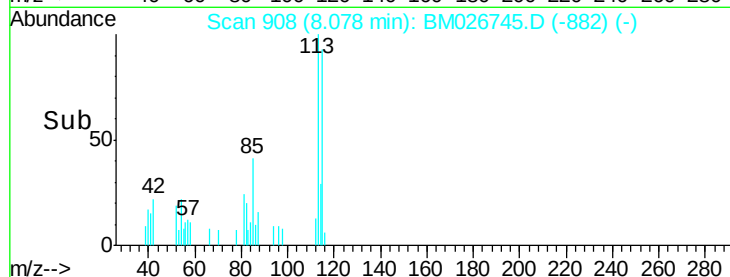
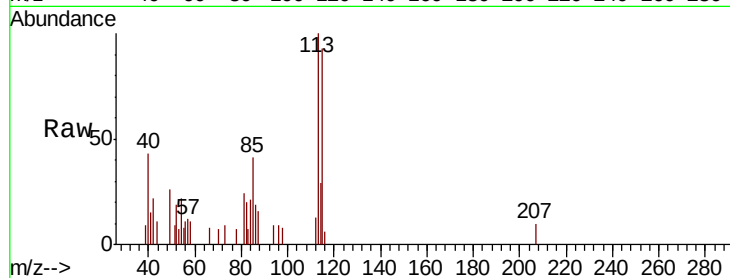
Ion Ratio Lower Upper

70 100

42 339.6 58.5 87.7#

101 0.0 7.0 10.4#

130 0.0 13.2 19.8#



#20

Nitrobenzene

Concen: 0.127 ng/ul

RT: 8.47 min Scan# 974

Delta R.T. -0.03 min

Lab File: BM026745.D

Acq: 14 Jul 2020 10:29

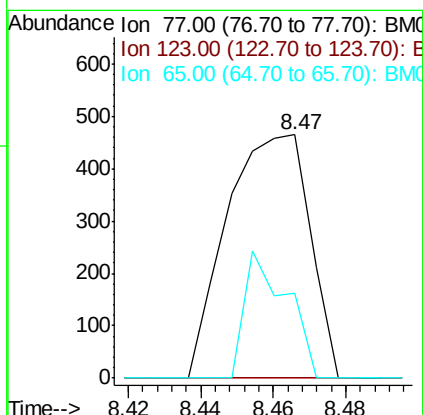
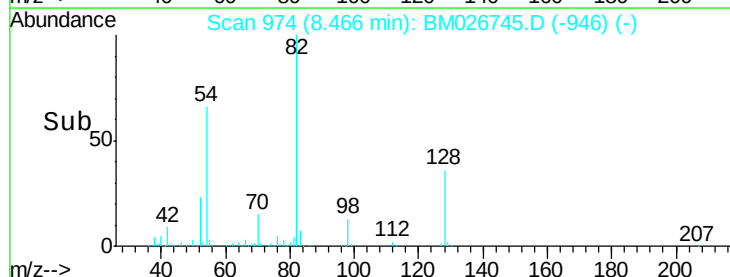
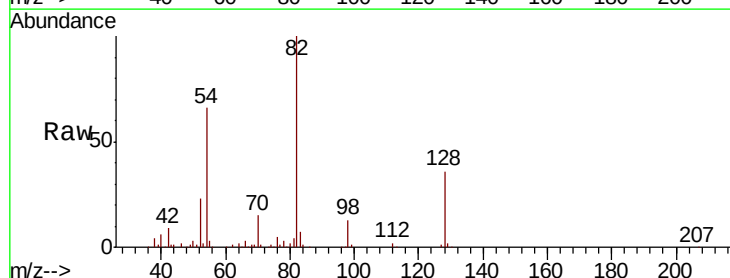
Tgt Ion: 77 Resp: 742

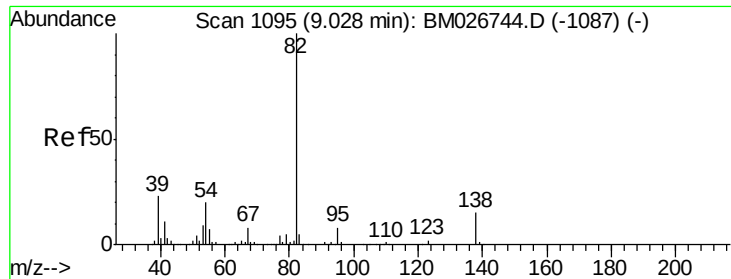
Ion Ratio Lower Upper

77 100

123 0.0 29.8 44.8#

65 35.1 11.8 17.6#





#21

Isophorone

Concen: 0.861 ng/ul

RT: 9.17 min Scan# 1093

Delta R.T. 0.14 min

Lab File: BM026745.D

Acq: 14 Jul 2020 10:29

Instrument :

BNA_M

ClientSampleId :

SBLK64

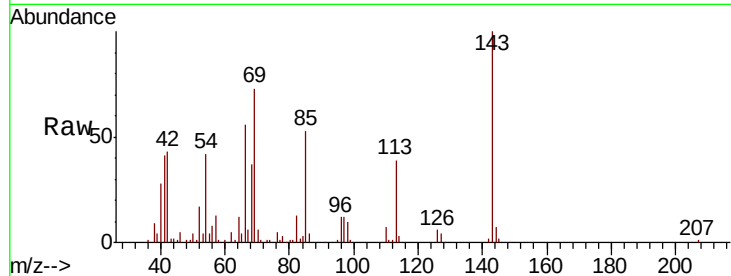
Tot Ion: 82 Resp: 8430

Ion Ratio Lower Upper

82 100

95 8.0 6.4 9.6

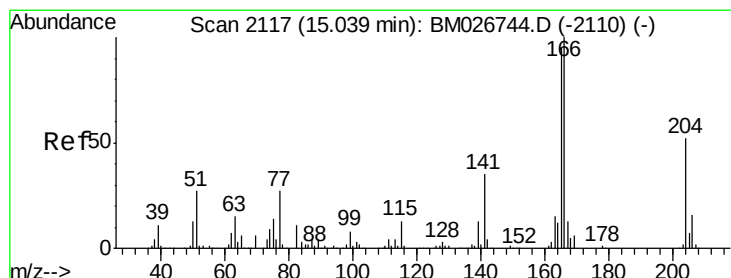
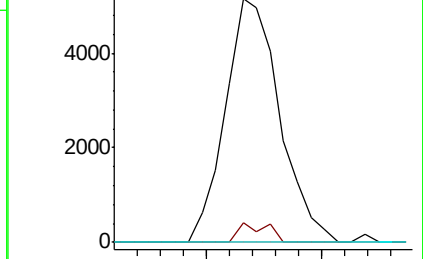
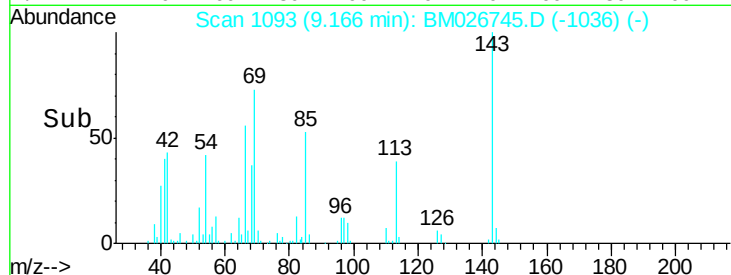
138 0.0 12.2 18.4#



Abundance Ion 82.00 (81.70 to 82.70): BM026745.D (-1036) (-)

Ion 95.00 (94.70 to 95.70): BM026745.D (-1036) (-)

Ion 138.00 (137.70 to 138.70): BM026745.D (-1036) (-)



#59

Fluorene

Concen: 0.071 ng/ul

RT: 14.98 min Scan# 2082

Delta R.T. -0.06 min

Lab File: BM026745.D

Acq: 14 Jul 2020 10:29

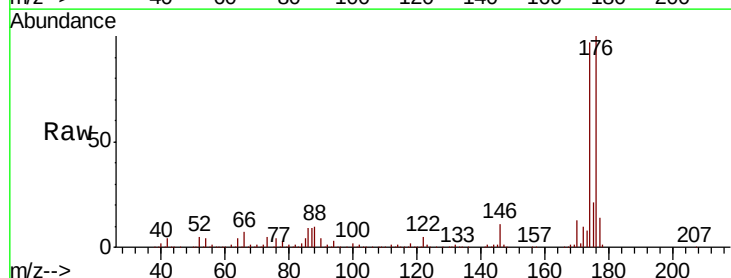
Tgt Ion: 166 Resp: 852

Ion Ratio Lower Upper

166 100

165 0.0 77.0 115.4#

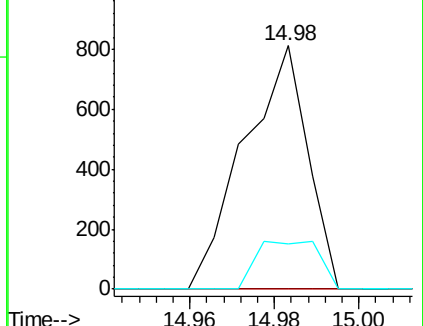
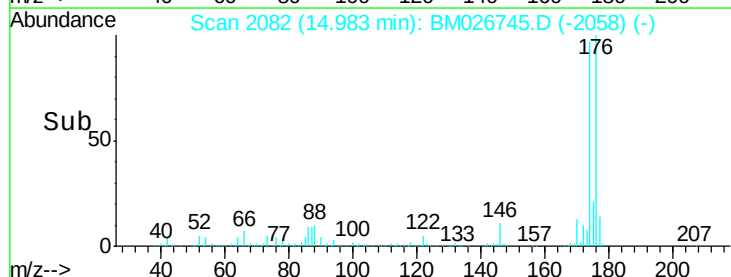
167 18.5 10.7 16.1#

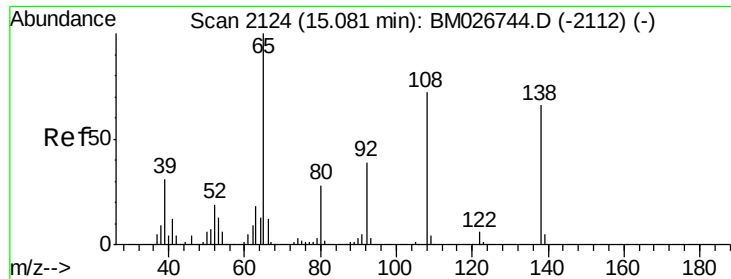


Abundance Ion 166.00 (165.70 to 166.70): BM026745.D (-2058) (-)

Ion 165.00 (164.70 to 165.70): BM026745.D (-2058) (-)

Ion 167.00 (166.70 to 167.70): BM026745.D (-2058) (-)

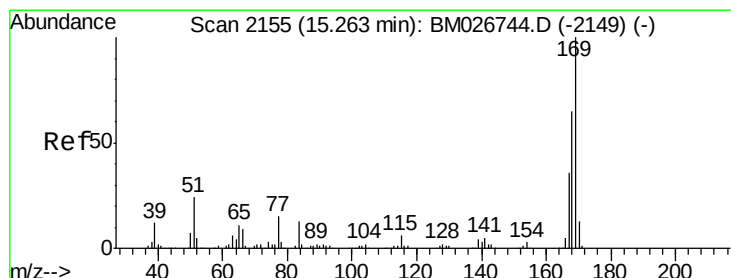
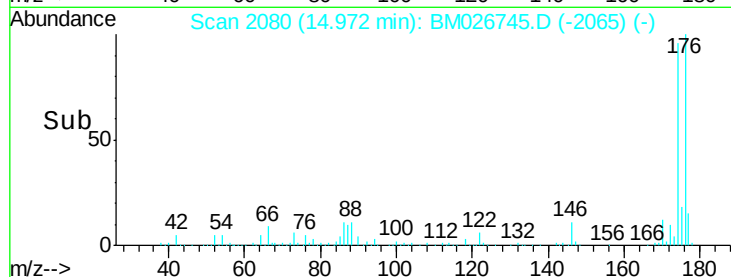
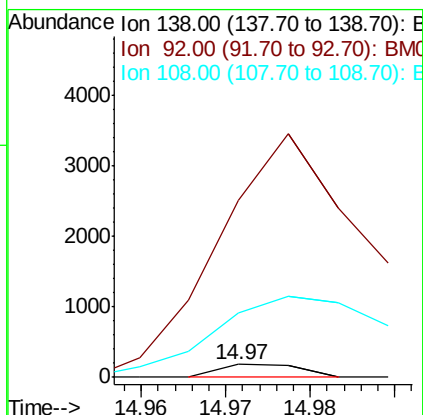
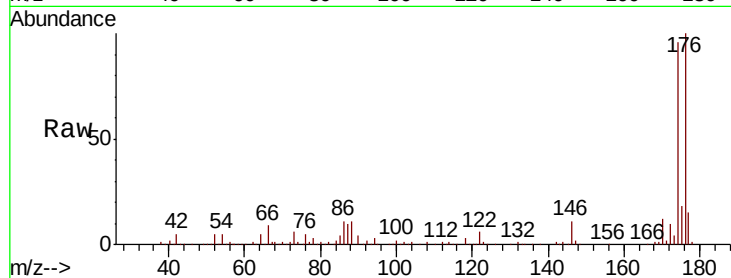




#61
4-Nitroaniline
Concen: 0.058 ng/ul
RT: 14.97 min Scan# 2080
Delta R.T. -0.11 min
Lab File: BM026745.D
Acq: 14 Jul 2020 10:29

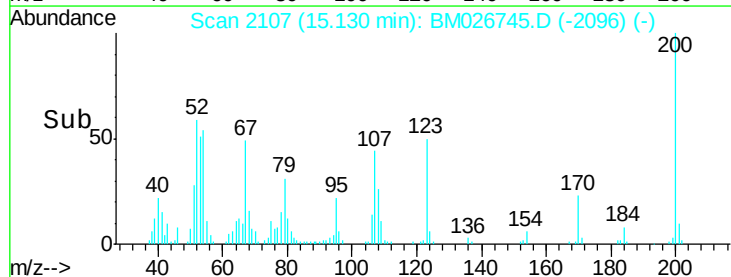
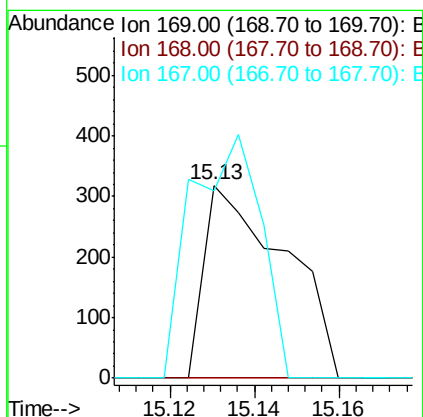
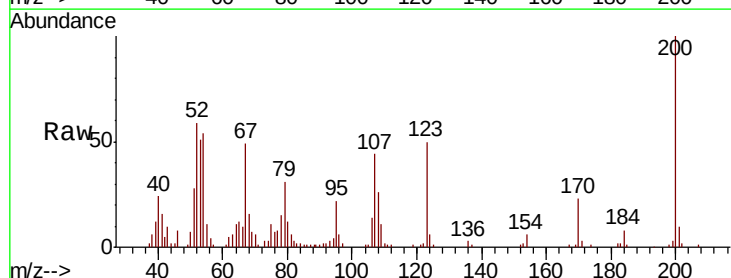
Instrument :
BNA_M
ClientSampleId :
SBLK64

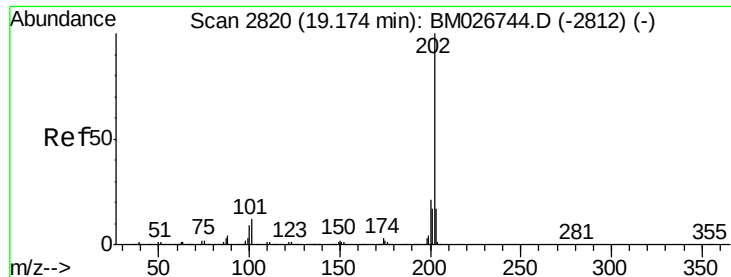
Tot Ion:138 Resp: 125
Ion Ratio Lower Upper
138 100
92 1405.6 47.7 71.5#
108 514.0 82.6 123.8#



#65
N-Nitrosodiphenylamine
Concen: 0.041 ng/ul
RT: 15.13 min Scan# 2107
Delta R.T. -0.13 min
Lab File: BM026745.D
Acq: 14 Jul 2020 10:29

Tgt Ion:169 Resp: 421
Ion Ratio Lower Upper
169 100
168 0.0 51.7 77.5#
167 97.2 28.4 42.6#





#80

Pvrene

Concen: 0.037 ng/ul

RT: 19.14 min Scan# 2789

Delta R.T. -0.03 min

Lab File: BM026745.D

Acq: 14 Jul 2020 10:29

Instrument :

BNA_M

ClientSampled :

SBLK64

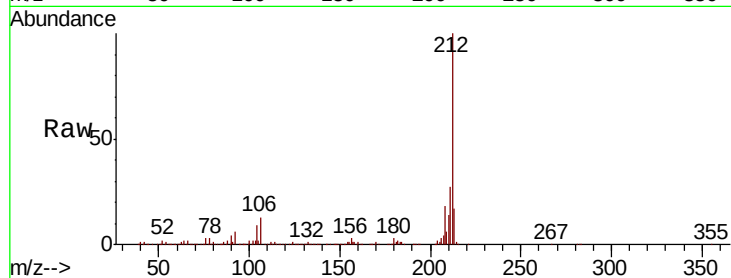
Tot Ion:202 Resp: 805

Ion Ratio Lower Upper

202 100

101 124.8 9.4 14.2#

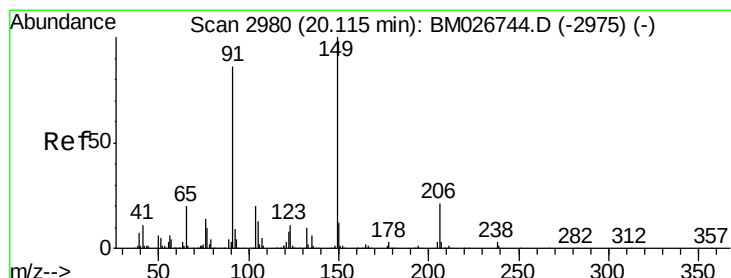
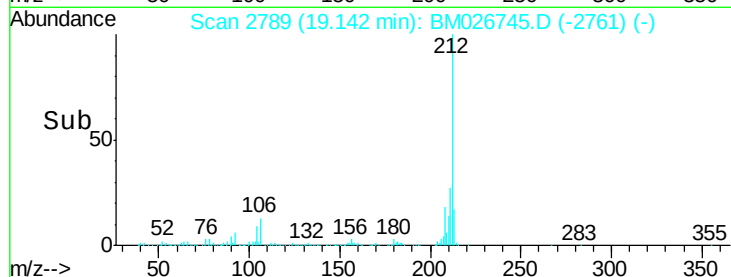
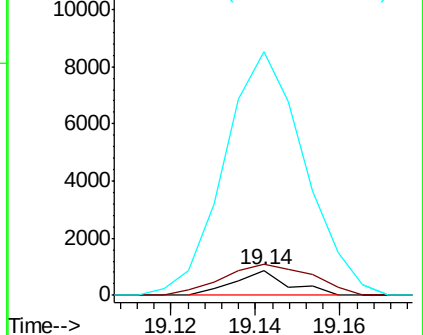
100 969.1 8.0 12.0#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#81

Butylbenzylphthalate

Concen: 0.010 ng/ul

RT: 20.12 min Scan# 2956

Delta R.T. 0.01 min

Lab File: BM026745.D

Acq: 14 Jul 2020 10:29

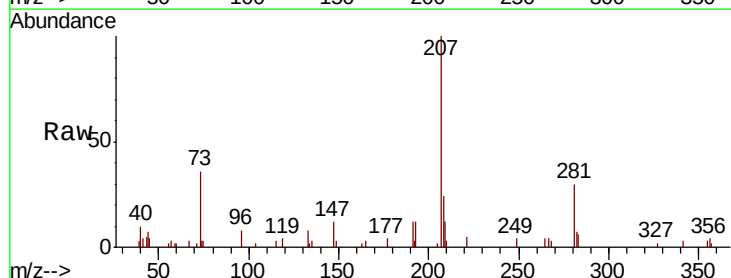
Tgt Ion:149 Resp: 77

Ion Ratio Lower Upper

149 100

91 0.0 66.4 99.6#

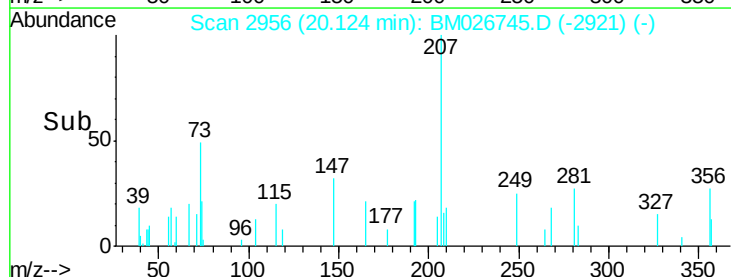
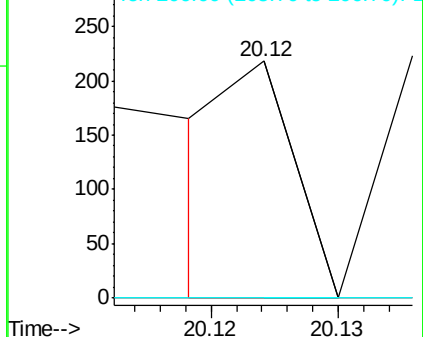
206 0.0 16.3 24.5#

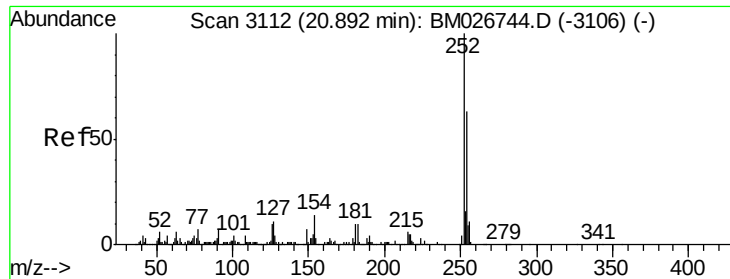


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#82

3,3'-Dichlorobenzidine

Concen: 0.019 ng/ul

RT: 20.99 min Scan# 3103

Delta R.T. 0.10 min

Lab File: BM026745.D

Acq: 14 Jul 2020 10:29

Instrument :

BNA_M

ClientSampleId :

SBLK64

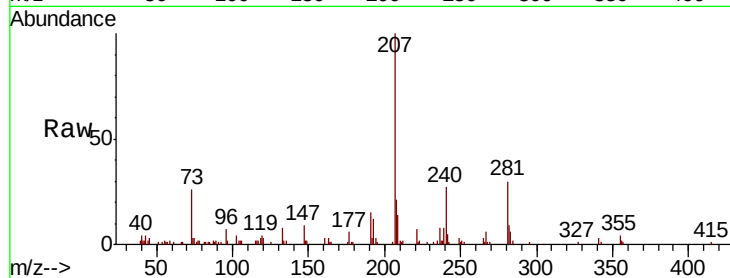
Tot Ion:252 Resp: 115

Ion Ratio Lower Upper

252 100

254 0.0 51.3 76.9#

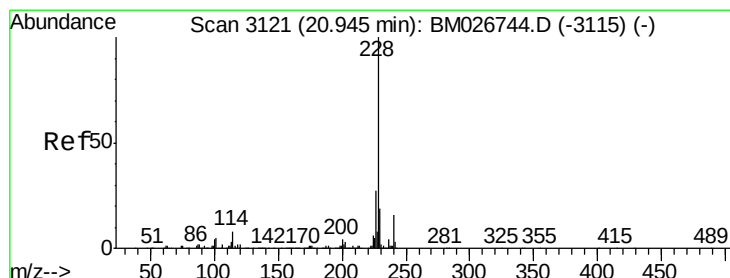
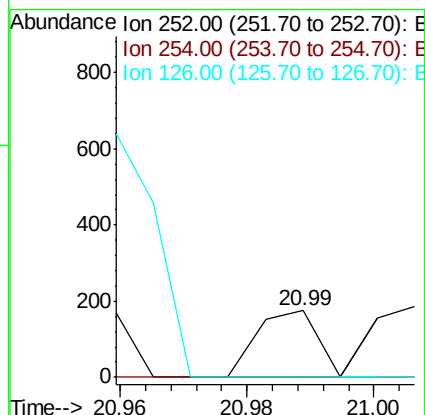
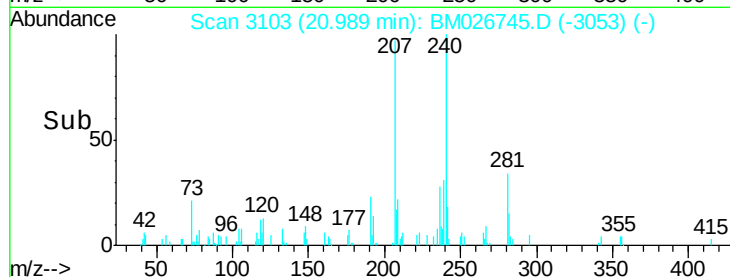
126 0.0 8.1 12.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Benzo(a)anthracene

Concen: 0.048 ng/ul

RT: 20.96 min Scan# 3098

Delta R.T. 0.01 min

Lab File: BM026745.D

Acq: 14 Jul 2020 10:29

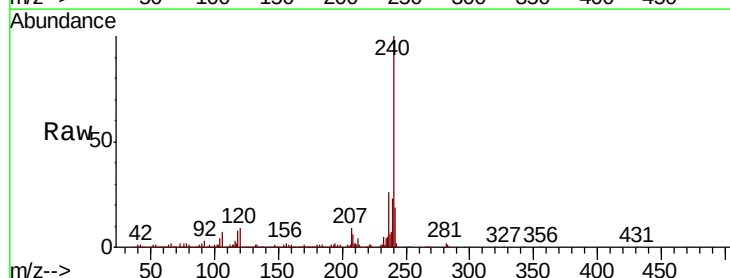
Tgt Ion:228 Resp: 999

Ion Ratio Lower Upper

228 100

229 34.5 15.4 23.0#

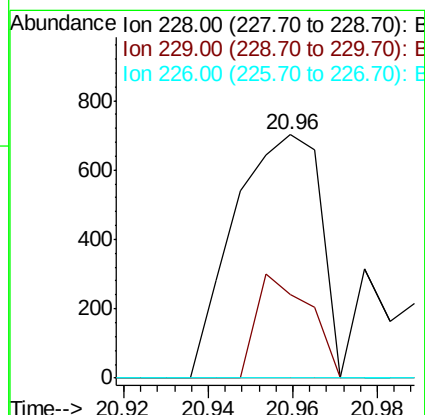
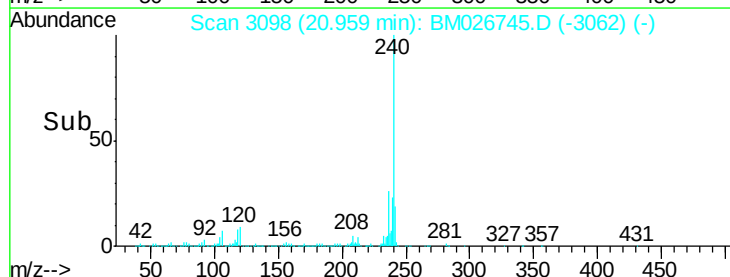
226 0.0 21.2 31.8#

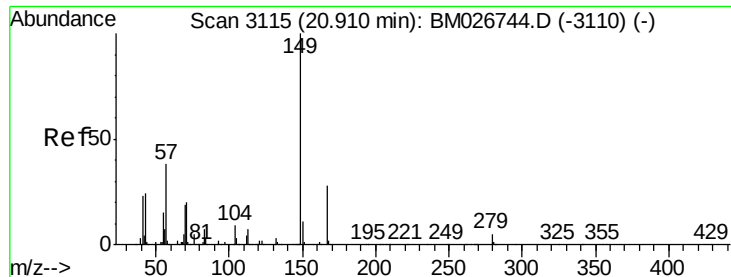


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.026 ng/ul

RT: 20.91 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM026745.D

Acq: 14 Jul 2020 10:29

Instrument :

BNA_M

ClientSampleId :

SBLK64

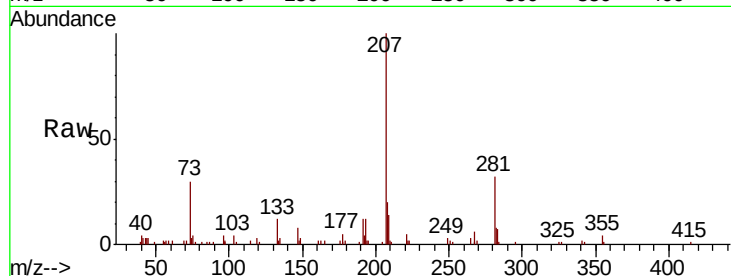
Tot Ion:149 Resp: 297

Ion Ratio Lower Upper

149 100

167 0.0 22.1 33.1#

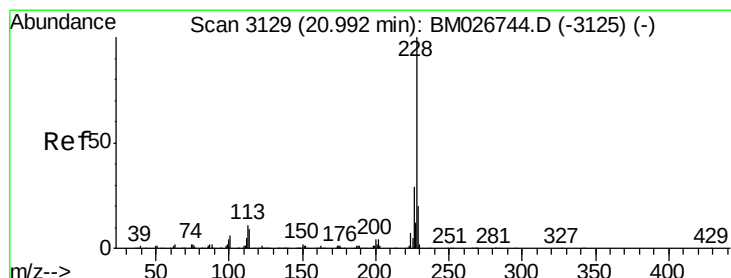
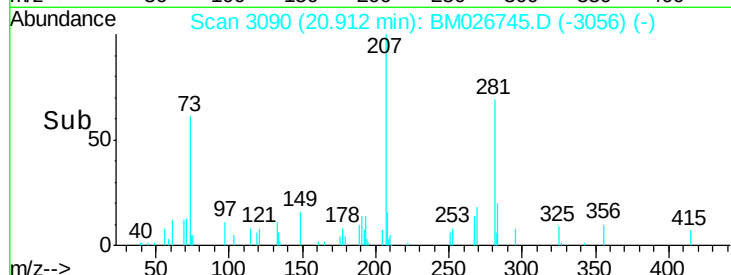
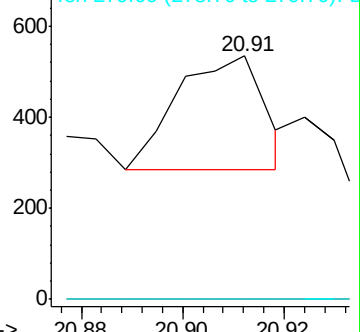
279 0.0 3.6 5.4#



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



#85

Chrysene

Concen: 0.007 ng/ul

RT: 20.99 min Scan# 3103

Delta R.T. -0.00 min

Lab File: BM026745.D

Acq: 14 Jul 2020 10:29

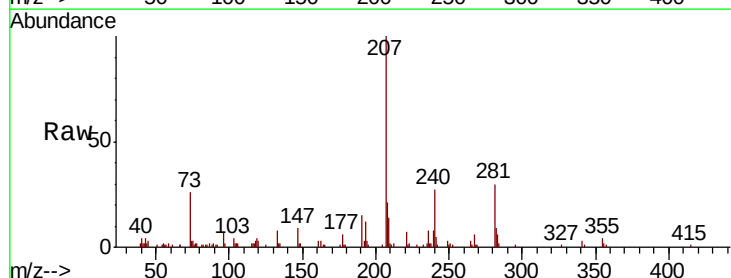
Tgt Ion:228 Resp: 135

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.6#

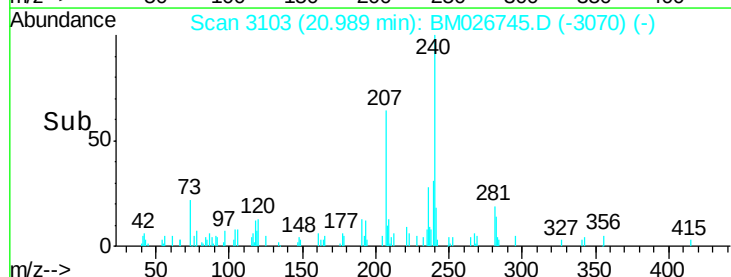
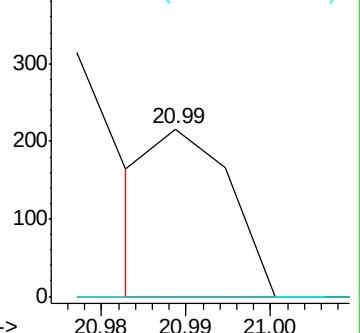
229 0.0 15.5 23.3#

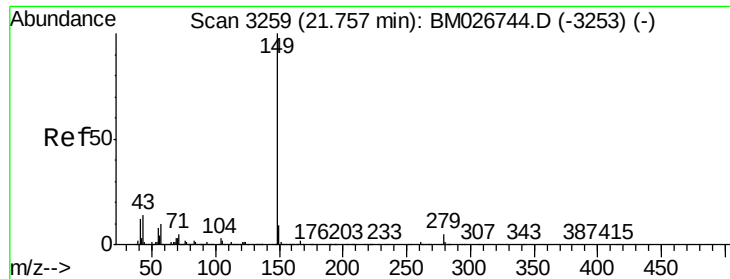


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 0.025 ng/ul

RT: 21.75 min Scan# 3233

Delta R.T. -0.00 min

Lab File: BM026745.D

Acq: 14 Jul 2020 10:29

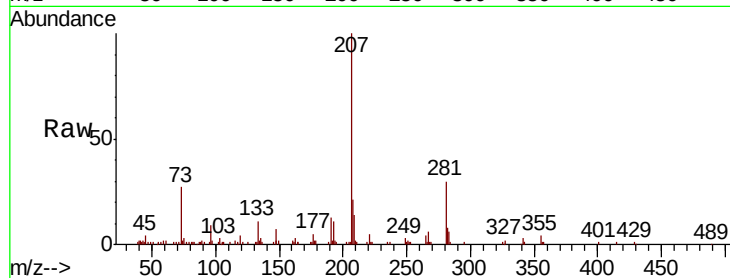
Instrument :

BNA_M

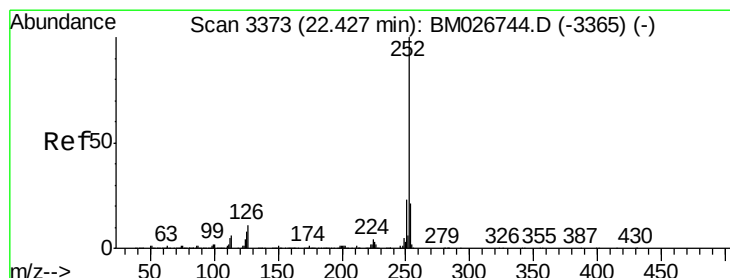
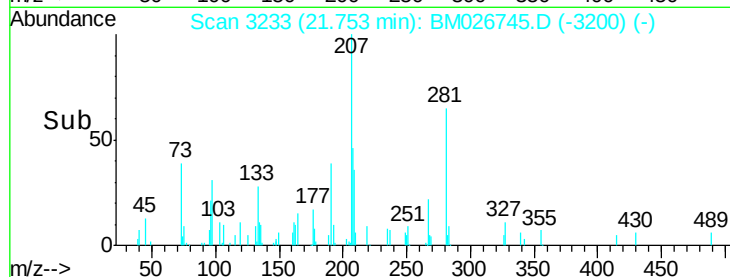
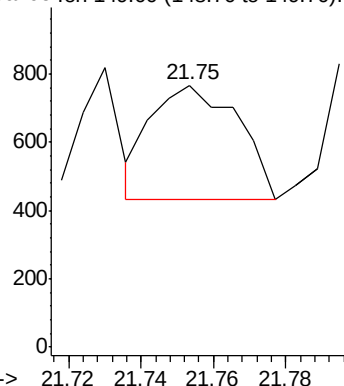
ClientSampleId :

SBLK64

Tgt Ion:149 Resp: 558



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 0.008 ng/ul

RT: 22.42 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BM026745.D

Acq: 14 Jul 2020 10:29

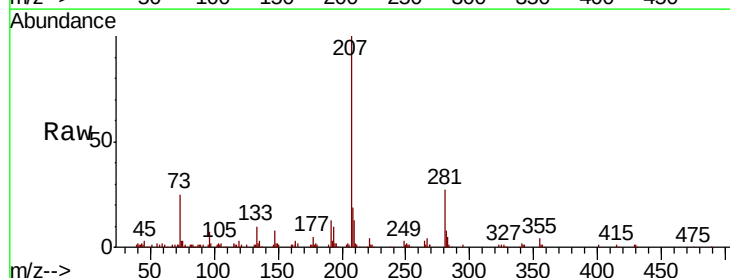
Tgt Ion:252 Resp: 205

Ion Ratio Lower Upper

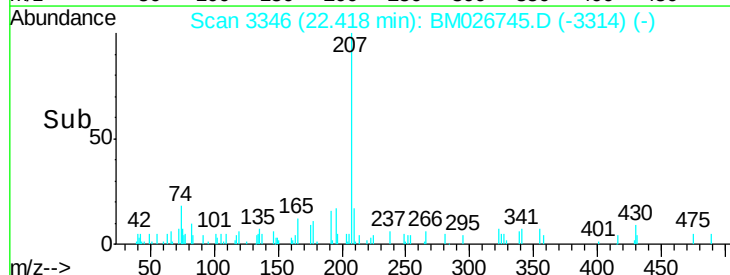
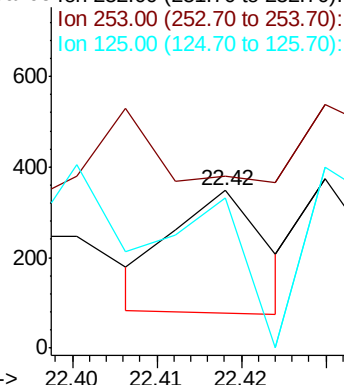
252 100

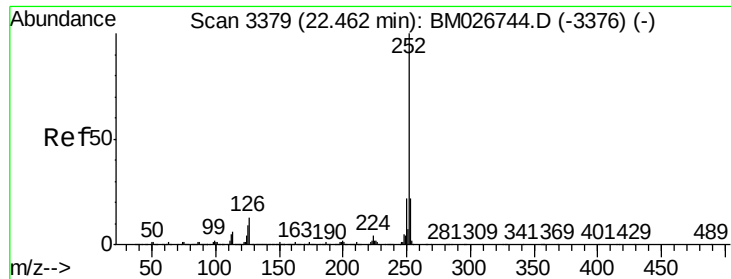
253 109.5 17.2 25.8#

125 95.4 7.6 11.4#



Abundance Ion 252.00 (251.70 to 252.70): E

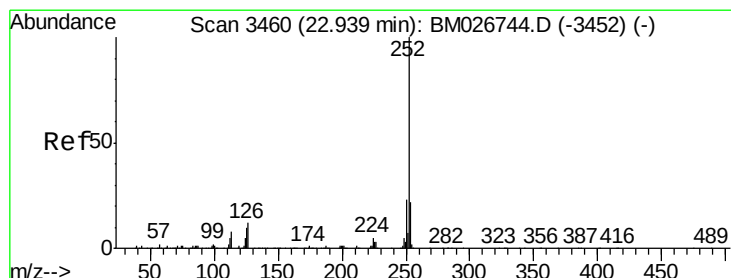
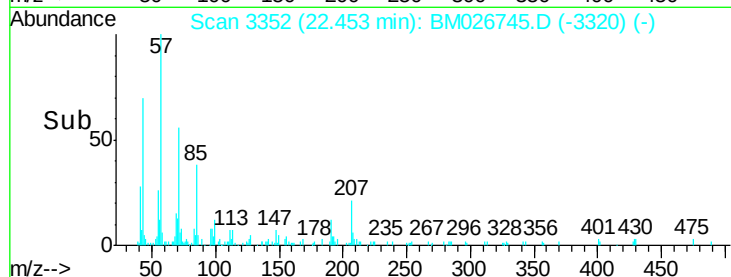
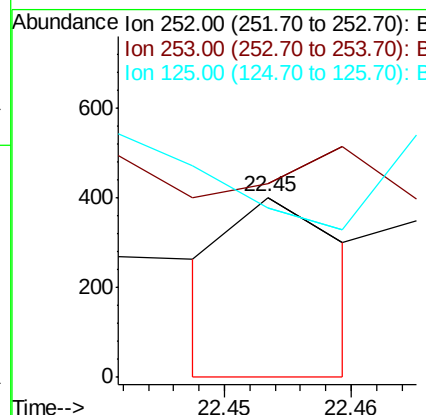
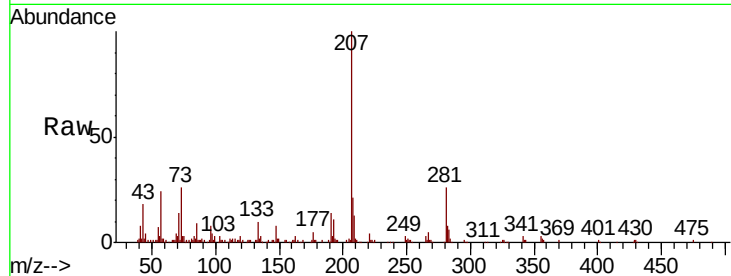




#89
Benzo(k)fluoranthene
Concen: 0.010 ng/ul
RT: 22.45 min Scan# 3352
Delta R.T. -0.01 min
Lab File: BM026745.D
Acq: 14 Jul 2020 10:29

Instrument :
BNA_M
ClientSampled :
SBLK64

Tot Ion:252 Resp: 248
Ion Ratio Lower Upper
252 100
253 107.5 17.1 25.7#
125 94.0 7.7 11.5#



#91
Benzo(a)pyrene
Concen: 0.008 ng/ul
RT: 22.95 min Scan# 3437
Delta R.T. 0.01 min
Lab File: BM026745.D
Acq: 14 Jul 2020 10:29

Tgt Ion:252 Resp: 180
Ion Ratio Lower Upper
252 100
253 82.7 17.4 26.0#
125 174.9 7.5 11.3#

