

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071520\
 Data File : BM026776.D
 Acq On : 15 Jul 2020 14:35
 Operator : JU/CG
 Sample : PB130173BL
 Misc : PBBL-SOIL-ME-04
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK73

Quant Time: Jul 15 15:09:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 15 10:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	69273	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	268802	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	158275	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	344993	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	367276	20.00	ng/ul	0.00
86) Perylene-d12	23.01	264	422865	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.90	96	15558	6.75	ng/uL	0.00
5) Phenol-d5	6.52	99	219032	34.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	145734	33.97	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	172499	35.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	168939	33.30	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	74368	34.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	82027	36.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	155062	34.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	190094	40.67	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	452488	35.84	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	520845	34.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.24	143	54411	29.86	ng/ul	0.00
58) Fluorene-d10	14.98	176	386752	34.98	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	63273	29.35	ng/ul	0.00
71) Anthracene-d10	16.83	188	588208	34.62	ng/ul	0.00
79) Pyrene-d10	19.14	212	672815	35.25	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	807863	35.40	ng/ul	0.00

Target Compounds

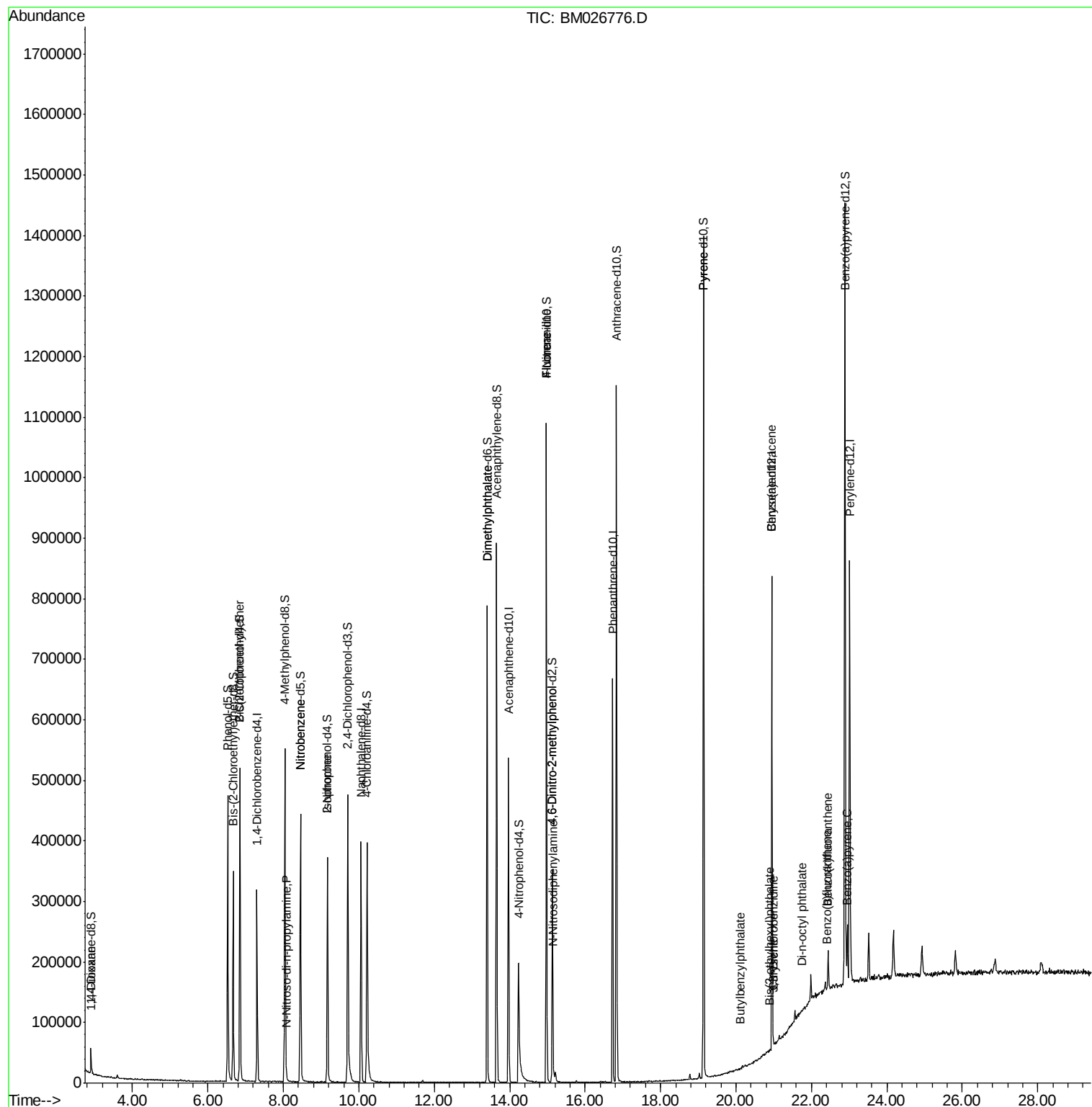
				Ovalue	
2) 1,4-Dioxane	2.91	88	222	0.089	ng/uL# 34
8) Bis(2-Chloroethyl)ether	6.84	93	174	0.033	ng/ul# 1
15) N-Nitroso-di-n-propylamine	8.08	70	62	0.012	ng/ul# 1
20) Nitrobenzene	8.45	77	1141	0.170	ng/ul# 43
21) Isophorone	9.17	82	10623	0.943	ng/ul# 74
45) Dimethylphthalate	13.41	163	155	0.012	ng/ul# 1
59) Fluorene	14.97	166	911	0.068	ng/ul# 10
61) 4-Nitroaniline	14.97	138	181	0.075	ng/ul# 1
64) 4,6-Dinitro-2-methylphenol	15.14	198	199	0.087	ng/ul# 1
65) N-Nitrosodiphenylamine	15.15	169	663	0.057	ng/ul# 25
80) Pyrene	19.14	202	862	0.033	ng/ul# 1
81) Butylbenzylphthalate	20.11	149	153	0.017	ng/ul# 17
82) 3,3'-Dichlorobenzidine	20.99	252	55	0.007	ng/ul# 26
83) Benzo(a)anthracene	20.95	228	1014	0.040	ng/ul# 65
84) Bis(2-ethylhexyl)phthalate	20.89	149	144	0.010	ng/ul# 53
85) Chrysene	20.99	228	148	0.006	ng/ul# 50
87) Di-n-octyl phthalate	21.74	149	147	0.006	ng/ul 100
88) Benzo(b)fluoranthene	22.41	252	307	0.011	ng/ul# 1
89) Benzo(k)fluoranthene	22.44	252	123	0.004	ng/ul# 1
91) Benzo(a)pyrene	22.93	252	139	0.005	ng/ul# 1

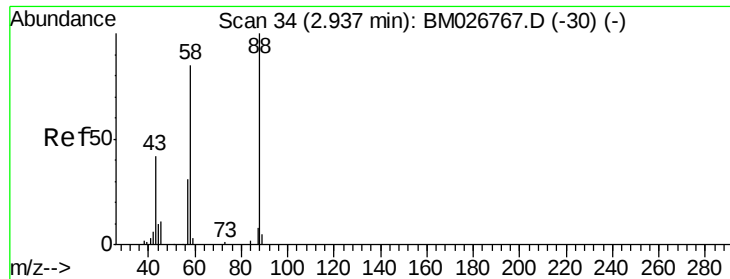
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 10:09:26 2020
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 0.089 ng/uL

RT: 2.91 min Scan# 30

Delta R.T. -0.02 min

Lab File: BM026776.D

Acq: 15 Jul 2020 14:35

Instrument :

BNA_M

ClientSampleId :

SBLK73

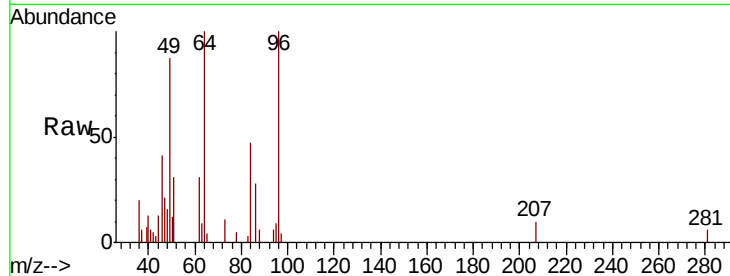
Tot Ion: 88 Resp: 222

Ion Ratio Lower Upper

88 100

43 58.4 38.2 57.2#

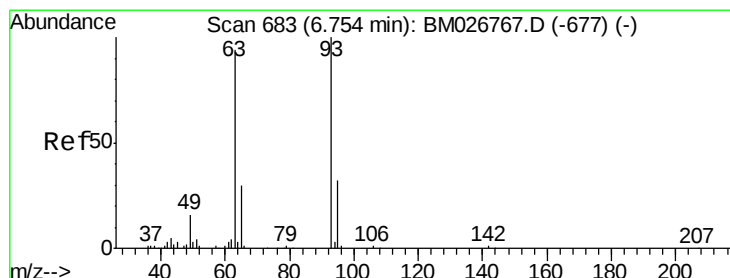
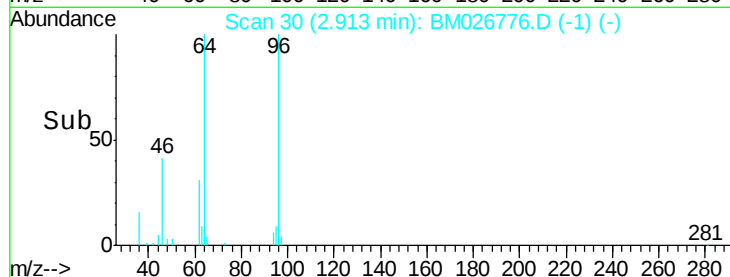
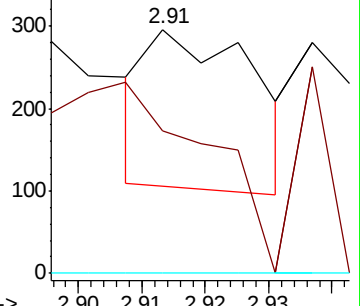
58 0.0 68.9 103.3#



Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 43.00 (42.70 to 43.70): BM0

Ion 58.00 (57.70 to 58.70): BM0



#8

Bis(2-Chloroethyl)ether

Concen: 0.033 ng/uL

RT: 6.84 min Scan# 698

Delta R.T. 0.09 min

Lab File: BM026776.D

Acq: 15 Jul 2020 14:35

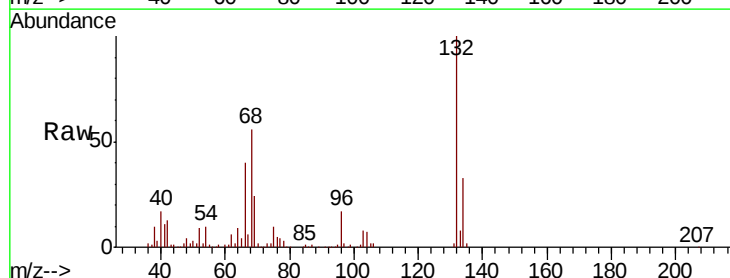
Tgt Ion: 93 Resp: 174

Ion Ratio Lower Upper

93 100

63 1014.8 75.5 113.3#

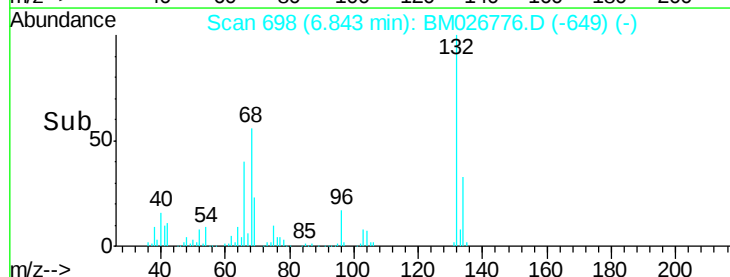
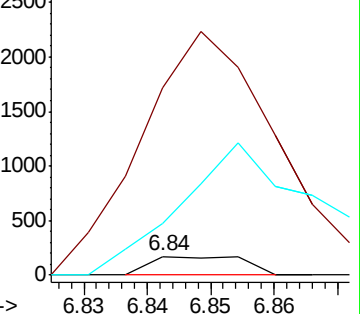
95 276.9 25.2 37.8#

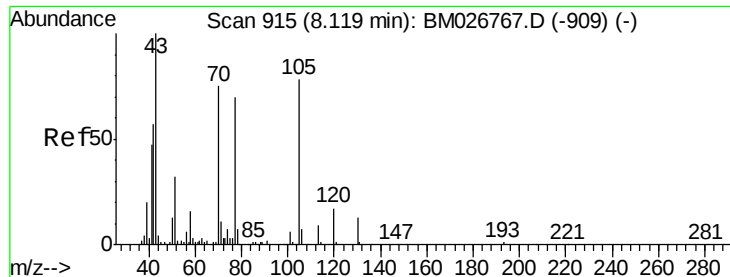


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 63.00 (62.70 to 63.70): BM0

Ion 95.00 (94.70 to 95.70): BM0





#15

N-Nitroso-di-n-propylamine

Concen: 0.012 ng/ul

RT: 8.08 min Scan# 909

Delta R.T. -0.04 min

Lab File: BM026776.D

Acq: 15 Jul 2020 14:35

Instrument :

BNA_M

ClientSampleId :

SBLK73

Tot Ion: 70 Resp: 62

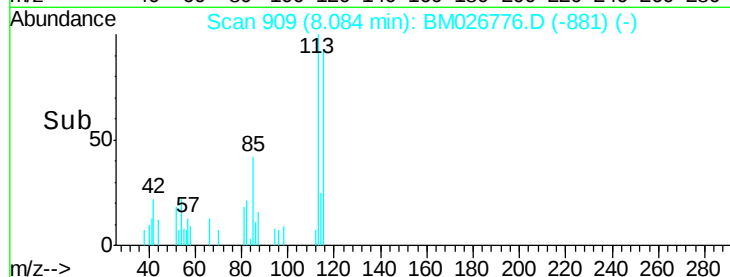
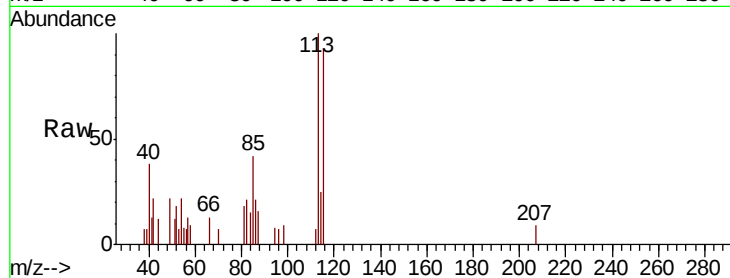
Ion Ratio Lower Upper

70 100

42 290.9 58.5 87.7#

101 0.0 7.0 10.4#

130 0.0 13.2 19.8#

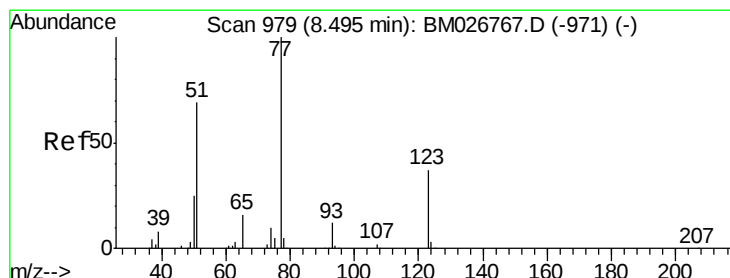
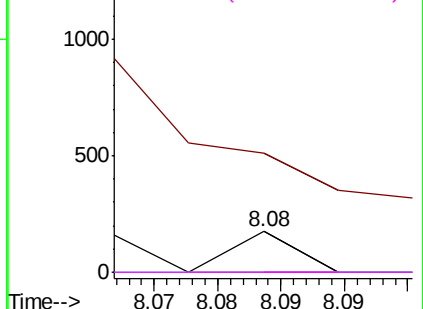


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

Nitrobenzene

Concen: 0.170 ng/ul

RT: 8.45 min Scan# 972

Delta R.T. -0.04 min

Lab File: BM026776.D

Acq: 15 Jul 2020 14:35

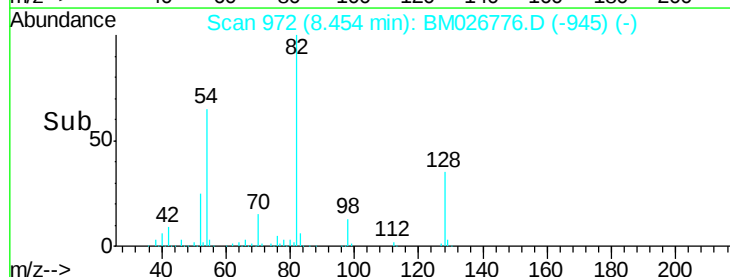
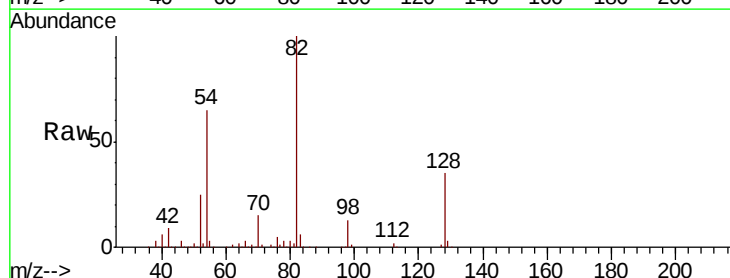
Tgt Ion: 77 Resp: 1141

Ion Ratio Lower Upper

77 100

123 0.0 29.8 44.8#

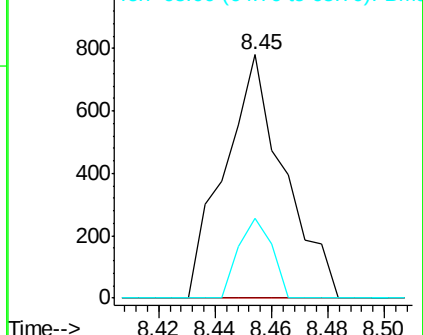
65 32.8 11.8 17.6#

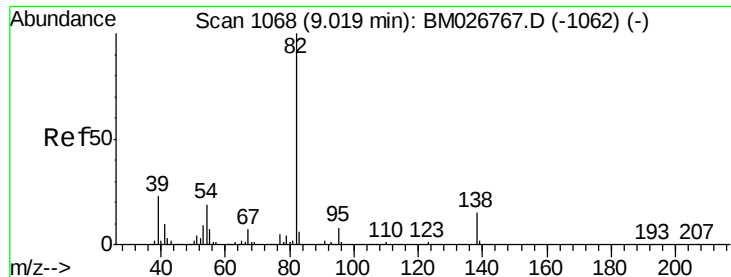


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 0.943 ng/ul

RT: 9.17 min Scan# 1093

Delta R.T. 0.15 min

Lab File: BM026776.D

Acq: 15 Jul 2020 14:35

Instrument :

BNA_M

ClientSampleId :

SBLK73

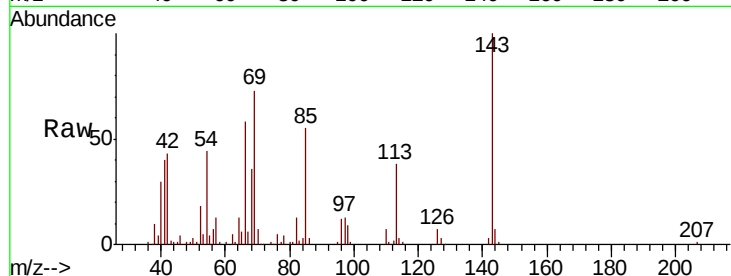
Tot Ion: 82 Resp: 10623

Ion Ratio Lower Upper

82 100

95 5.9 6.4 9.6#

138 0.0 12.2 18.4#

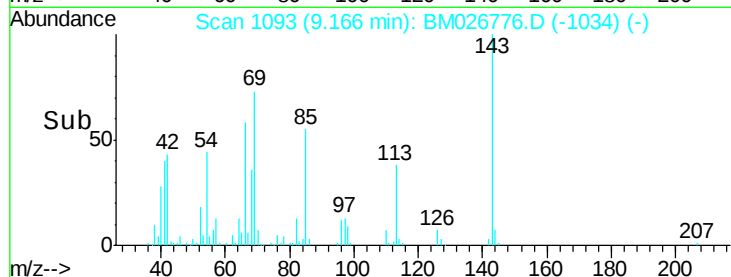


Abundance Ion 82.00 (81.70 to 82.70): BM026776.D (-1062) (-)

Ion 95.00 (94.70 to 95.70): BM026776.D (-1062) (-)

Ion 138.00 (137.70 to 138.70): BM026776.D (-1062) (-)

Time-->

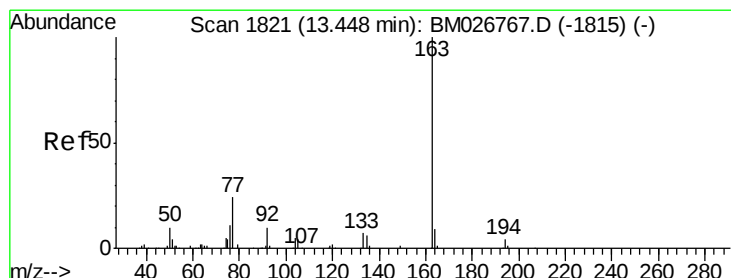


Abundance Ion 82.00 (81.70 to 82.70): BM026776.D (-1062) (-)

Ion 95.00 (94.70 to 95.70): BM026776.D (-1062) (-)

Ion 138.00 (137.70 to 138.70): BM026776.D (-1062) (-)

Time-->



#45

Dimethylphthalate

Concen: 0.012 ng/ul

RT: 13.41 min Scan# 1814

Delta R.T. -0.04 min

Lab File: BM026776.D

Acq: 15 Jul 2020 14:35

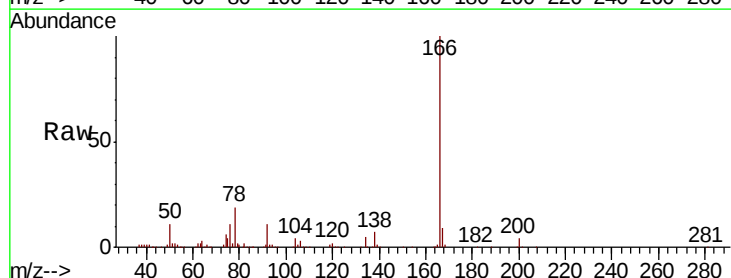
Tgt Ion: 163 Resp: 155

Ion Ratio Lower Upper

163 100

194 0.0 3.5 5.3#

164 170.2 7.8 11.6#

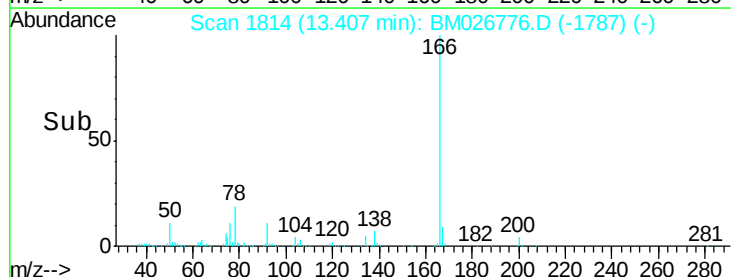


Abundance Ion 163.00 (162.70 to 163.70): BM026776.D (-1787) (-)

Ion 194.00 (193.70 to 194.70): BM026776.D (-1787) (-)

Ion 164.00 (163.70 to 164.70): BM026776.D (-1787) (-)

Time-->

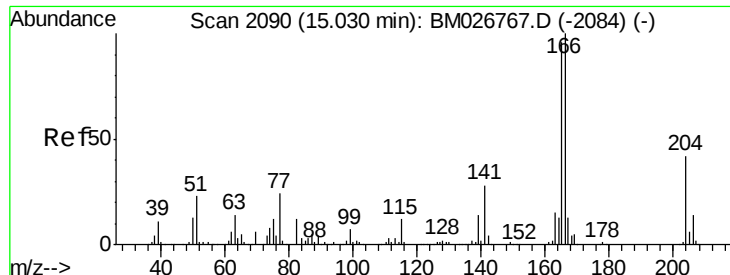


Abundance Ion 163.00 (162.70 to 163.70): BM026776.D (-1787) (-)

Ion 194.00 (193.70 to 194.70): BM026776.D (-1787) (-)

Ion 164.00 (163.70 to 164.70): BM026776.D (-1787) (-)

Time-->



#59

Fluorene

Concen: 0.068 ng/ul

RT: 14.97 min Scan# 2080

Delta R.T. -0.06 min

Lab File: BM026776.D

Acq: 15 Jul 2020 14:35

Instrument :

BNA_M

ClientSampleId :

SBLK73

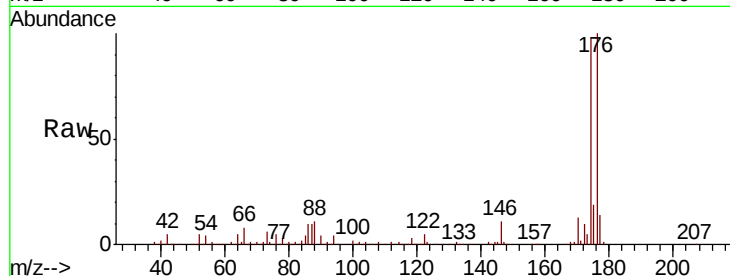
Tot Ion:166 Resp: 911

Ion Ratio Lower Upper

166 100

165 0.0 77.0 115.4#

167 0.0 10.7 16.1#



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

14.97

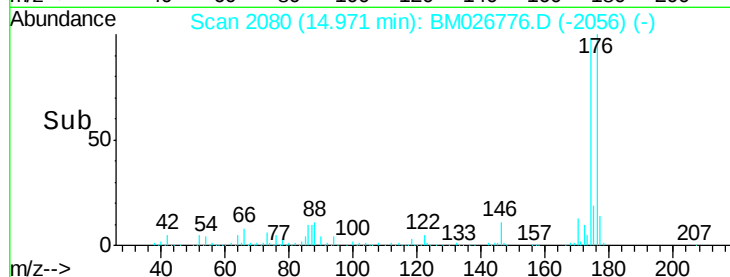
600

400

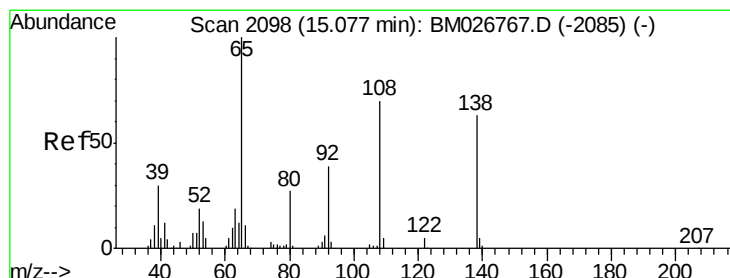
200

0

14.94 14.96 14.98 15.00



Time-->



#61

4-Nitroaniline

Concen: 0.075 ng/ul

RT: 14.97 min Scan# 2080

Delta R.T. -0.11 min

Lab File: BM026776.D

Acq: 15 Jul 2020 14:35

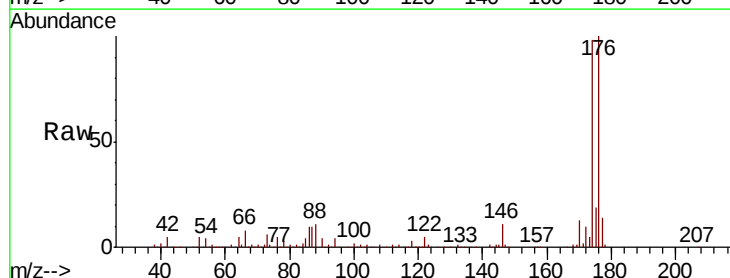
Tgt Ion:138 Resp: 181

Ion Ratio Lower Upper

138 100

92 1194.5 47.7 71.5#

108 537.2 82.6 123.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E

4000

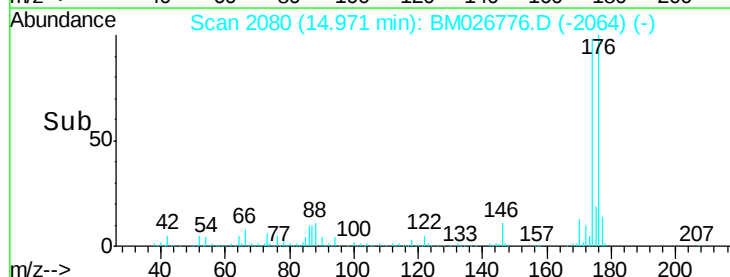
3000

2000

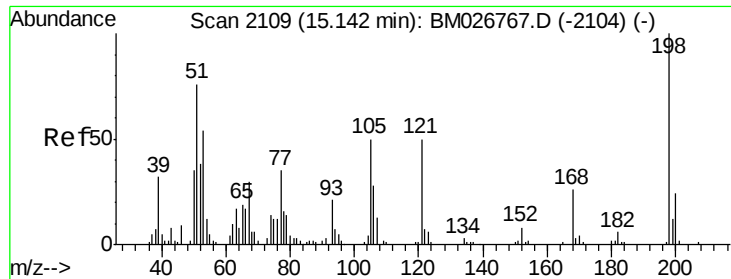
1000

0

14.96 14.97 14.98



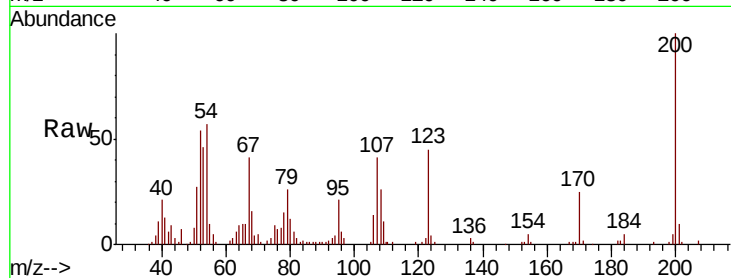
Time-->



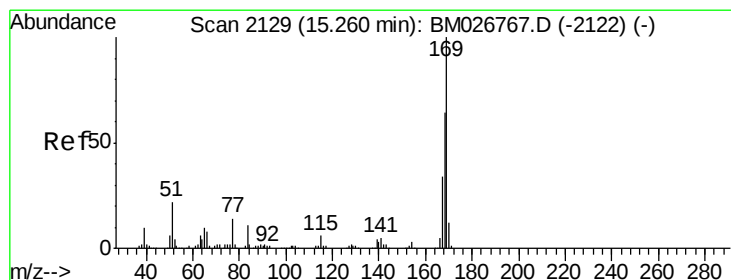
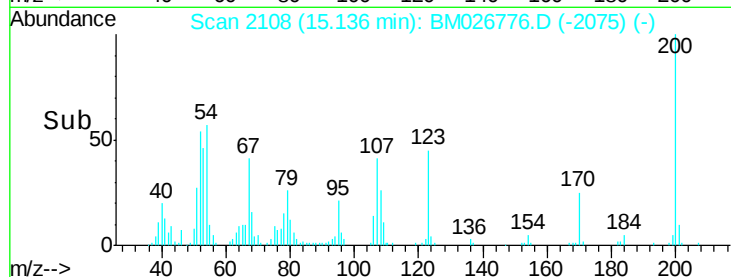
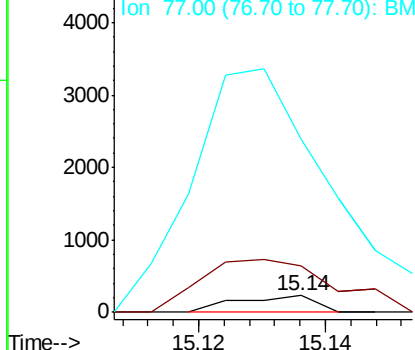
#64
4,6-Dinitro-2-methylphenol
Concen: 0.087 ng/ul
RT: 15.14 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BM026776.D
Acq: 15 Jul 2020 14:35

Instrument :
BNA_M
ClientSampleId :
SBLK73

Tot Ion:198 Resp: 199
Ion Ratio Lower Upper
198 100
182 280.1 4.0 6.0#
77 1035.5 26.7 40.1#

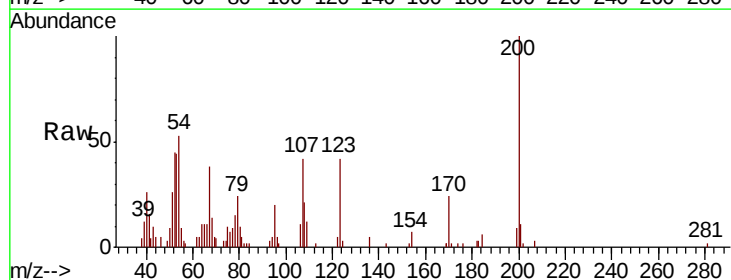


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 77.00 (76.70 to 77.70): BM

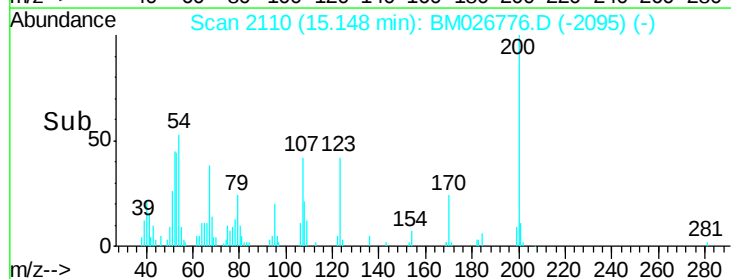
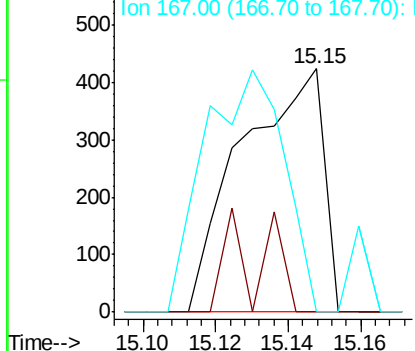


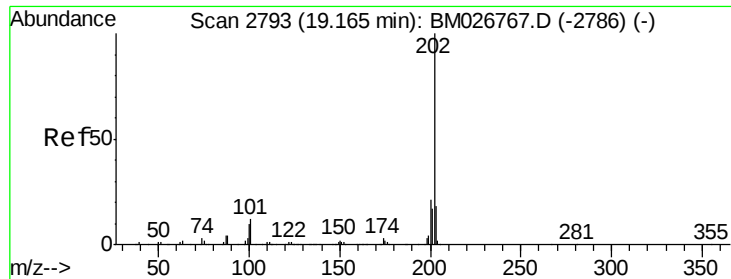
#65
N-Nitrosodiphenylamine
Concen: 0.057 ng/ul
RT: 15.15 min Scan# 2110
Delta R.T. -0.11 min
Lab File: BM026776.D
Acq: 15 Jul 2020 14:35

Tgt Ion:169 Resp: 663
Ion Ratio Lower Upper
169 100
168 0.0 51.7 77.5#
167 0.0 28.4 42.6#



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

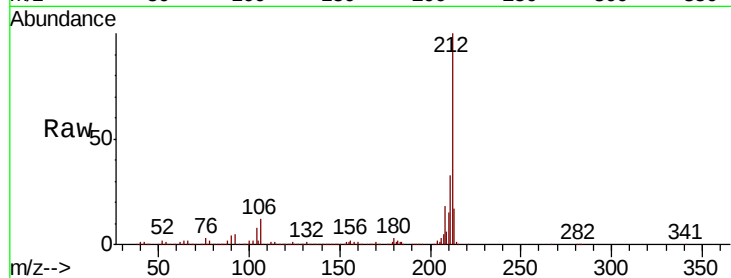




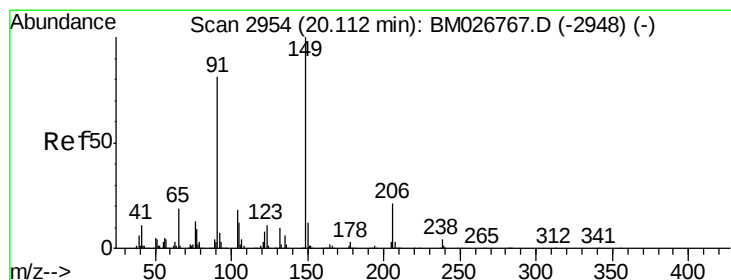
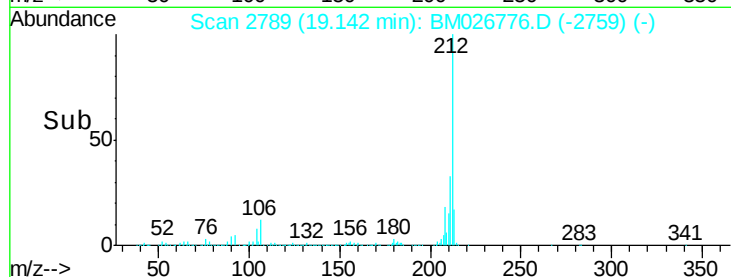
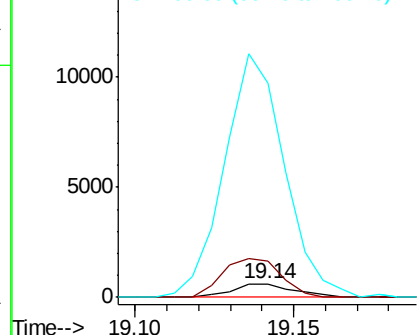
#80
Pvrene
Concen: 0.033 ng/ul
RT: 19.14 min Scan# 2789
Delta R.T. -0.02 min
Lab File: BM026776.D
Acq: 15 Jul 2020 14:35

Instrument :
BNA_M
ClientSampleId :
SBLK73

Tot Ion:202 Resp: 862
Ion Ratio Lower Upper
202 100
101 270.9 9.4 14.2#
100 1578.7 8.0 12.0#

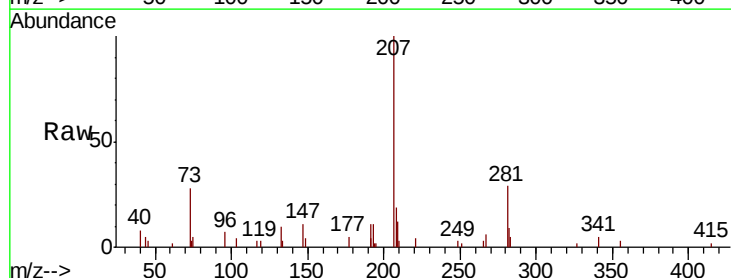


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

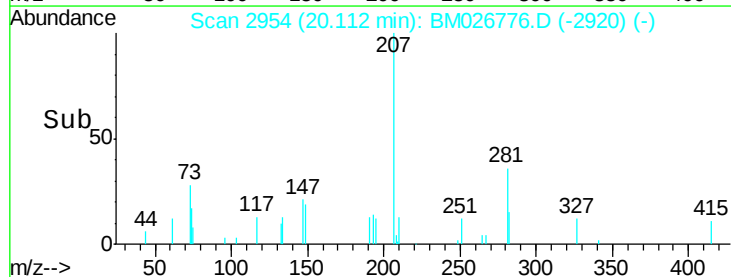
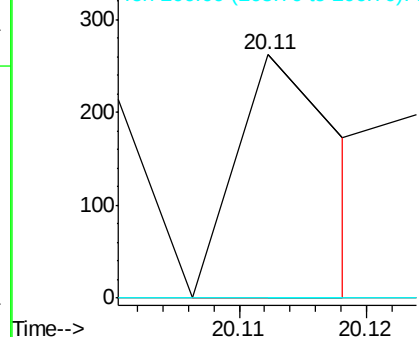


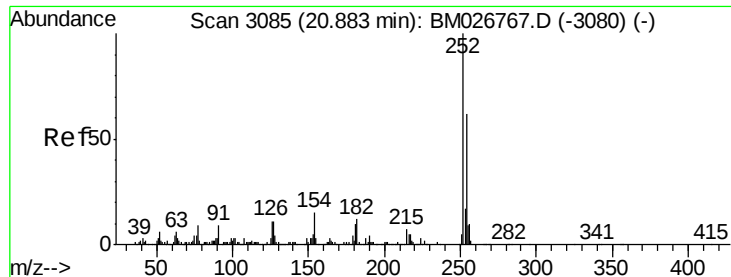
#81
Butylbenzylphthalate
Concen: 0.017 ng/ul
RT: 20.11 min Scan# 2954
Delta R.T. -0.00 min
Lab File: BM026776.D
Acq: 15 Jul 2020 14:35

Tgt Ion:149 Resp: 153
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: 0.007 ng/ul

RT: 20.99 min Scan# 3104

Delta R.T. 0.11 min

Lab File: BM026776.D

Acq: 15 Jul 2020 14:35

Instrument :

BNA_M

ClientSampleId :

SBLK73

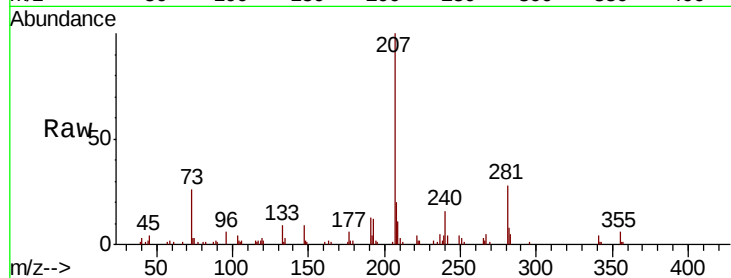
Tot Ion:252 Resp: 55

Ion Ratio Lower Upper

252 100

254 0.0 51.3 76.9#

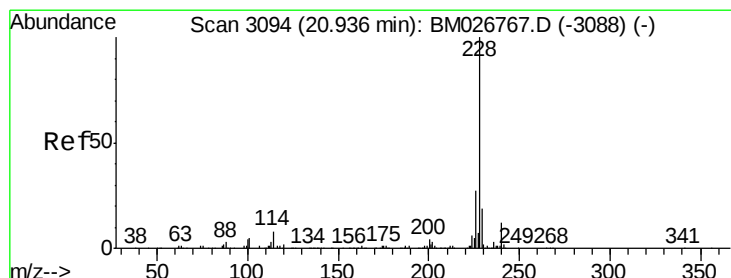
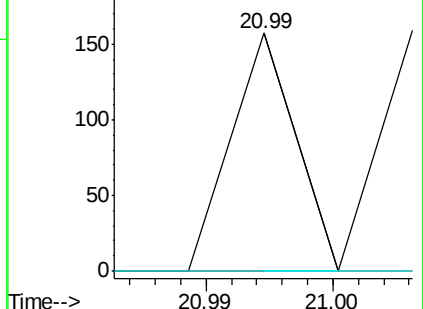
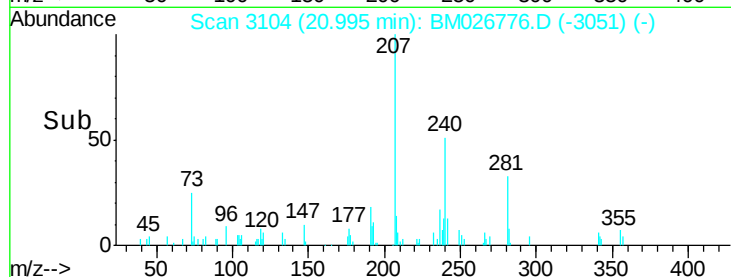
126 0.0 8.1 12.1#



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: 0.040 ng/ul

RT: 20.95 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BM026776.D

Acq: 15 Jul 2020 14:35

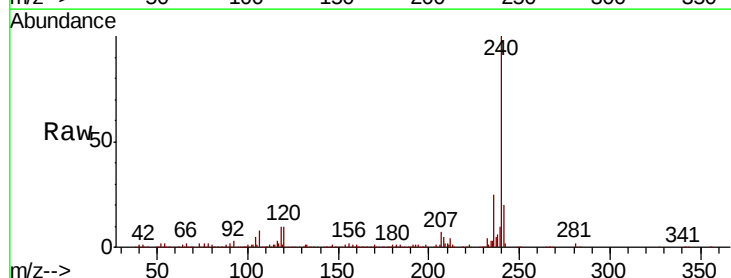
Tgt Ion:228 Resp: 1014

Ion Ratio Lower Upper

228 100

229 24.6 15.4 23.0#

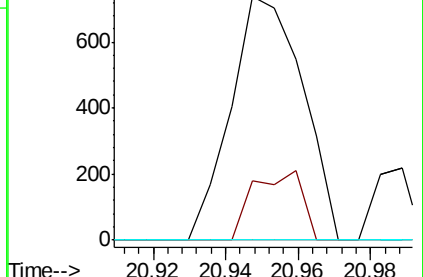
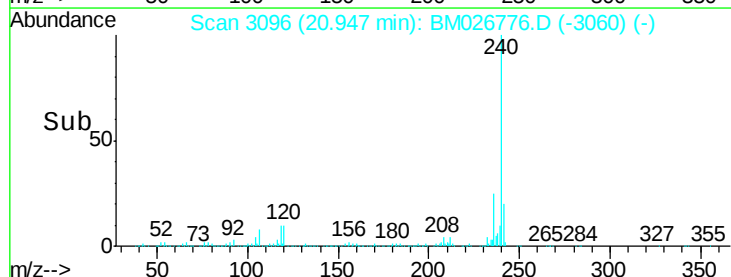
226 0.0 21.2 31.8#

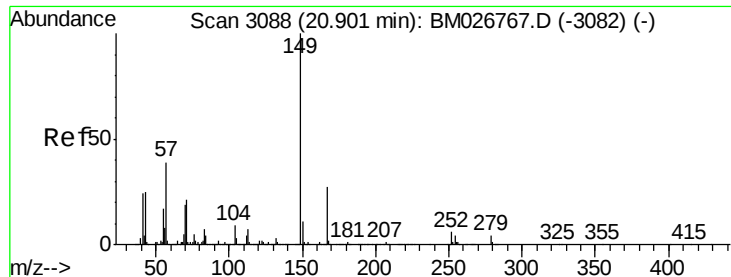


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.010 ng/ul

RT: 20.89 min Scan# 3087

Delta R.T. -0.01 min

Lab File: BM026776.D

Acq: 15 Jul 2020 14:35

Instrument :

BNA_M

ClientSampleId :

SBLK73

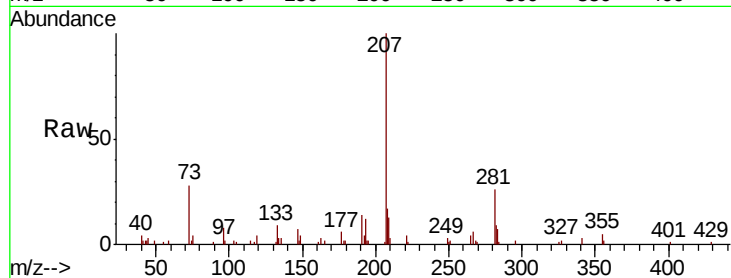
Tot Ion:149 Resp: 144

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

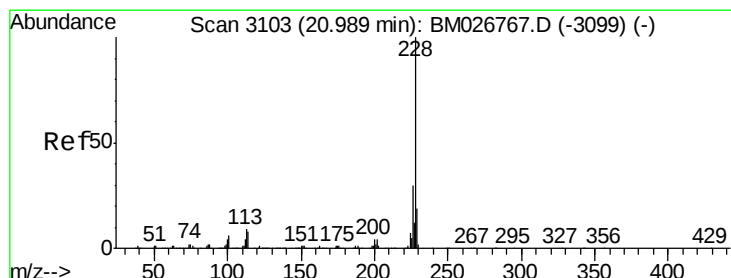
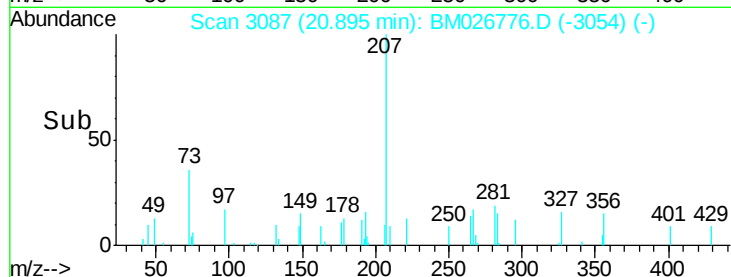
20.89

400

200

0

Time--> 20.88 20.89 20.90 20.91



#85

Chrysene

Concen: 0.006 ng/ul

RT: 20.99 min Scan# 3103

Delta R.T. -0.00 min

Lab File: BM026776.D

Acq: 15 Jul 2020 14:35

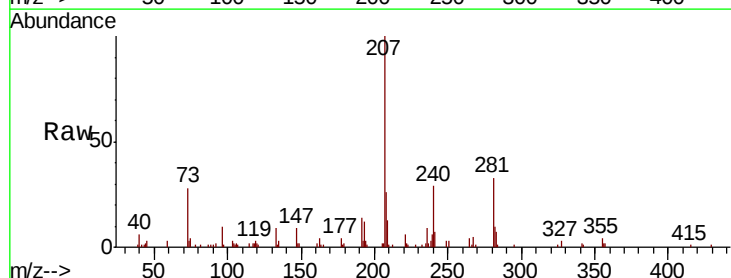
Tgt Ion:228 Resp: 148

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

20.99

300

250

200

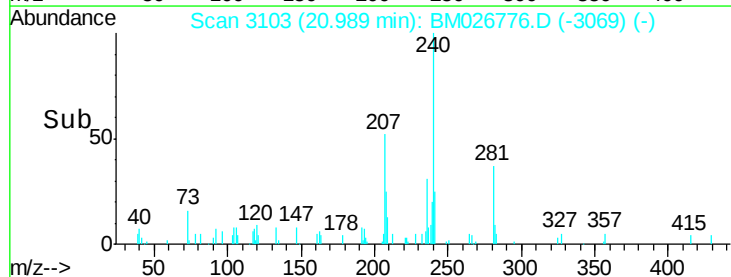
150

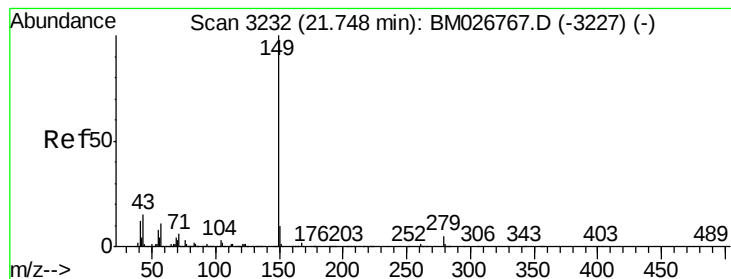
100

50

0

Time--> 20.97 20.98 20.99 21.00





#87

Di-n-octyl phthalate

Concen: 0.006 ng/ul

RT: 21.74 min Scan# 3231

Delta R.T. -0.01 min

Lab File: BM026776.D

Acq: 15 Jul 2020 14:35

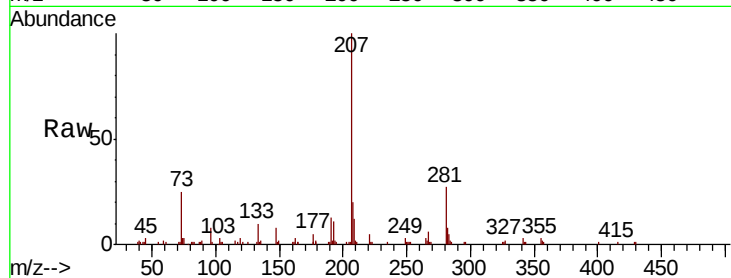
Instrument :

BNA_M

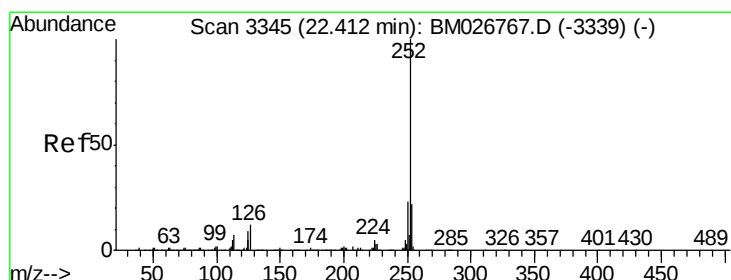
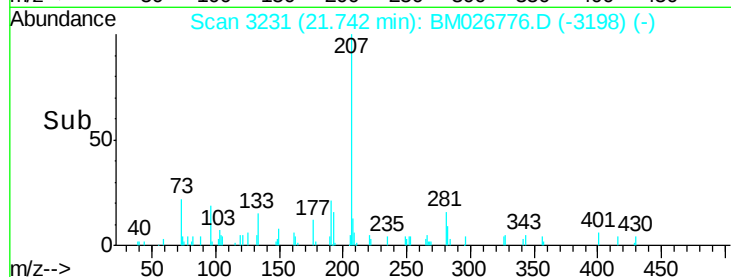
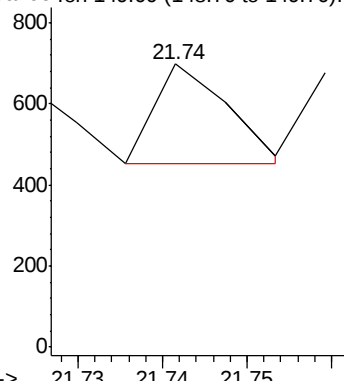
ClientSampleId :

SBLK73

Tgt Ion:149 Resp: 147



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 0.011 ng/ul

RT: 22.41 min Scan# 3344

Delta R.T. -0.01 min

Lab File: BM026776.D

Acq: 15 Jul 2020 14:35

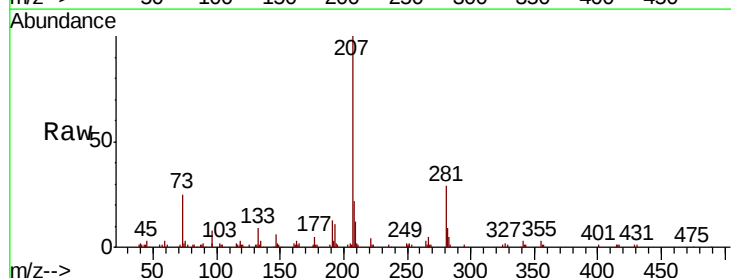
Tgt Ion:252 Resp: 307

Ion Ratio Lower Upper

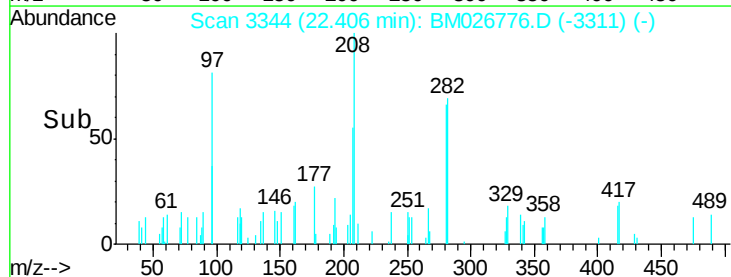
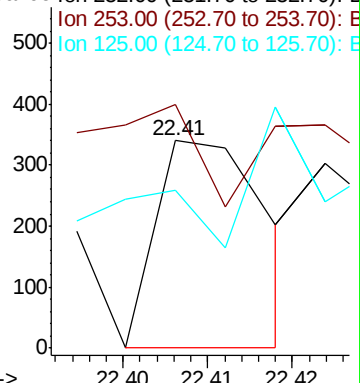
252 100

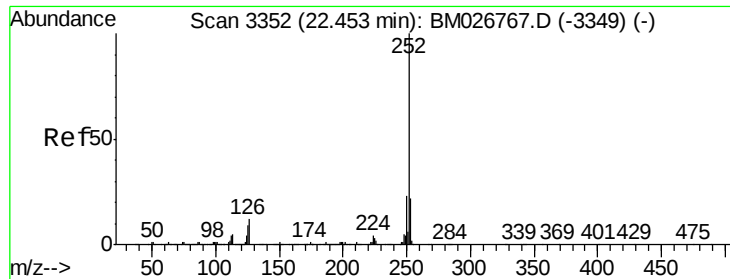
253 117.4 17.2 25.8#

125 75.9 7.6 11.4#



Abundance Ion 252.00 (251.70 to 252.70): E





#89

Benzo(k)fluoranthene

Concen: 0.004 ng/ul

RT: 22.44 min Scan# 3350

Delta R.T. -0.01 min

Lab File: BM026776.D

Acq: 15 Jul 2020 14:35

Instrument :

BNA_M

ClientSampleId :

SBLK73

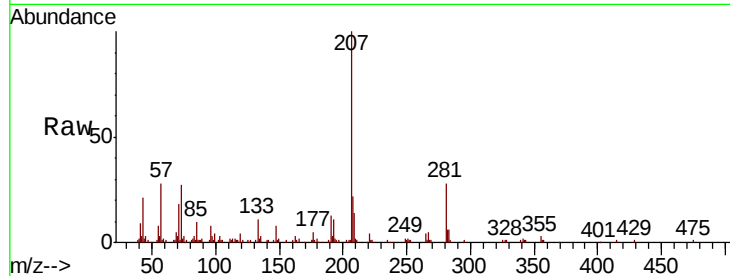
Tot Ion:252 Resp: 123

Ion Ratio Lower Upper

252 100

253 95.3 17.1 25.7#

125 118.0 7.7 11.5#

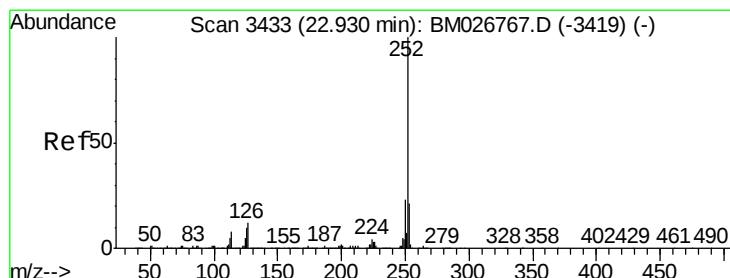
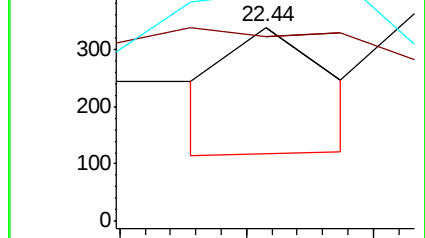
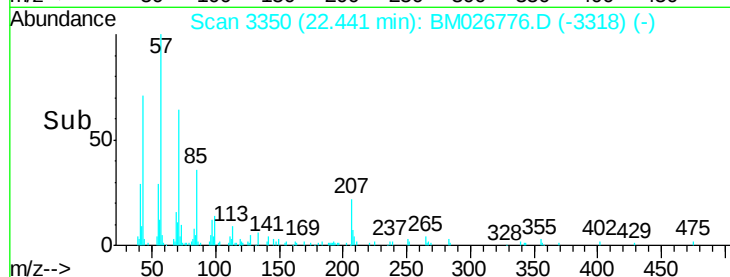


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

22.44



#91

Benzo(a)pyrene

Concen: 0.005 ng/ul

RT: 22.93 min Scan# 3433

Delta R.T. -0.00 min

Lab File: BM026776.D

Acq: 15 Jul 2020 14:35

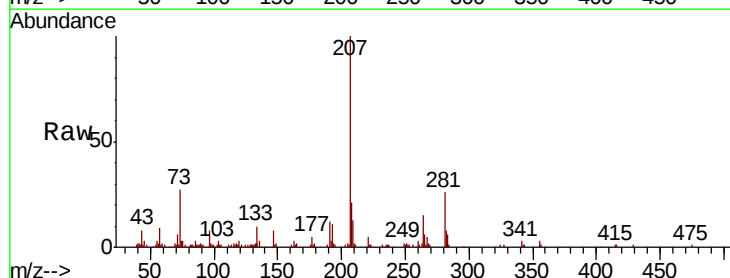
Tgt Ion:252 Resp: 139

Ion Ratio Lower Upper

252 100

253 93.8 17.4 26.0#

125 120.2 7.5 11.3#



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

22.93

