

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071420\
 Data File : BM026750.D
 Acq On : 14 Jul 2020 13:31
 Operator : JU/CG
 Sample : PB130164BL
 Misc : PBBL-SOIL-03
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK64

Quant Time: Jul 14 14:03:36 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	55236	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	218575	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	133165	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	289259	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	284232	20.00	ng/ul	0.00
86) Perylene-d12	23.02	264	349189	20.00	ng/ul	0.00

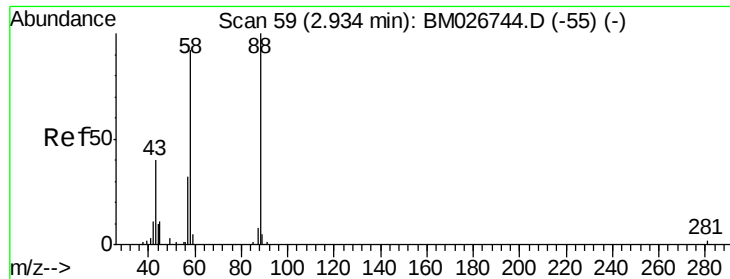
System Monitoring Compounds

3) 1,4-Dioxane-d8	2.91	96	11283	6.14	ng/uL	0.00
5) Phenol-d5	6.53	99	150713	29.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	110555	32.31	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	120580	31.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	117280	28.99	ng/ul	0.00
19) Nitrobenzene-d5	8.46	128	55141	31.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	60981	33.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	106690	29.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	150532	39.61	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	366913	34.54	ng/ul	0.00
47) Acenaphthylene-d8	13.66	160	413753	32.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.24	143	42913	27.99	ng/ul	0.00
58) Fluorene-d10	14.98	176	308865	33.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.14	200	46463	25.71	ng/ul	0.00
71) Anthracene-d10	16.83	188	405135	28.44	ng/ul	0.00
79) Pyrene-d10	19.14	212	548558	37.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	629089	33.38	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	2.94	88	134	0.067	ng/uL# 1
4) Benzaldehyde	6.53	77	158	0.059	ng/ul# 8
8) Bis(2-Chloroethyl)ether	6.85	93	198	0.047	ng/ul# 1
15) N-Nitroso-di-n-propylamine	8.08	70	53	0.013	ng/ul# 1
20) Nitrobenzene	8.46	77	720	0.132	ng/ul# 45
21) Isophorone	9.17	82	7748	0.846	ng/ul# 74
46) 2,6-Dinitrotoluene	13.41	165	1868	0.869	ng/ul# 25
59) Fluorene	14.98	166	788	0.070	ng/ul# 6
64) 4,6-Dinitro-2-methylphenol	15.14	198	138	0.072	ng/ul# 1
65) N-Nitrosodiphenylamine	15.14	169	539	0.056	ng/ul# 42
80) Pyrene	19.14	202	585	0.029	ng/ul# 1
81) Butylbenzylphthalate	20.14	149	72	0.010	ng/ul# 17
83) Benzo(a)anthracene	20.96	228	729	0.037	ng/ul# 52
84) Bis(2-ethylhexyl)phthalate	20.91	149	325	0.031	ng/ul# 53
85) Chrysene	20.99	228	156	0.008	ng/ul# 50
87) Di-n-octyl phthalate	21.74	149	153	0.007	ng/ul 100
88) Benzo(b)fluoranthene	22.42	252	160	0.007	ng/ul# 1
89) Benzo(k)fluoranthene	22.47	252	263	0.011	ng/ul# 1
91) Benzo(a)pyrene	22.94	252	249	0.012	ng/ul# 1

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



#2

1,4-Dioxane

Concen: 0.067 ng/uL

RT: 2.94 min Scan# 34

Delta R.T. 0.00 min

Lab File: BM026750.D

Acq: 14 Jul 2020 13:31

Instrument :

BNA_M

ClientSampled :

SBLK64

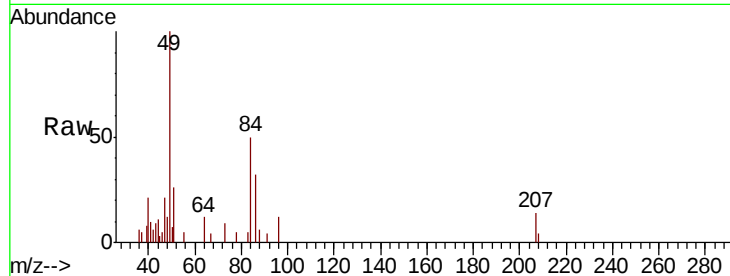
Tot Ion: 88 Resp: 134

Ion Ratio Lower Upper

88 100

43 142.9 38.2 57.2#

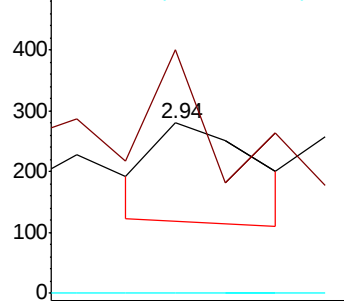
58 0.0 68.9 103.3#



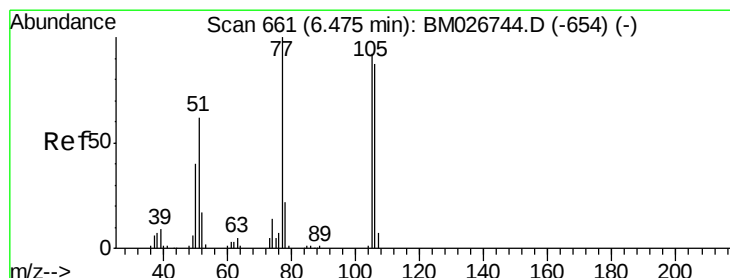
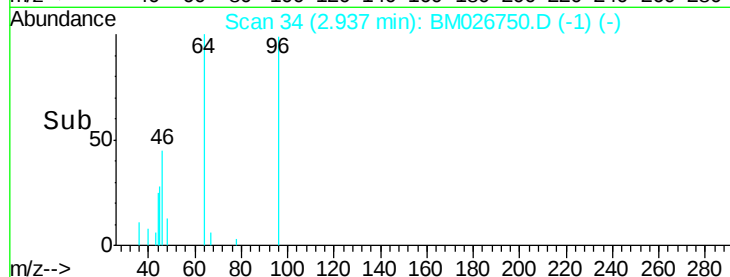
Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 43.00 (42.70 to 43.70): BM0

Ion 58.00 (57.70 to 58.70): BM0



Time-->



#4

Benzaldehyde

Concen: 0.059 ng/uL

RT: 6.53 min Scan# 644

Delta R.T. 0.05 min

Lab File: BM026750.D

Acq: 14 Jul 2020 13:31

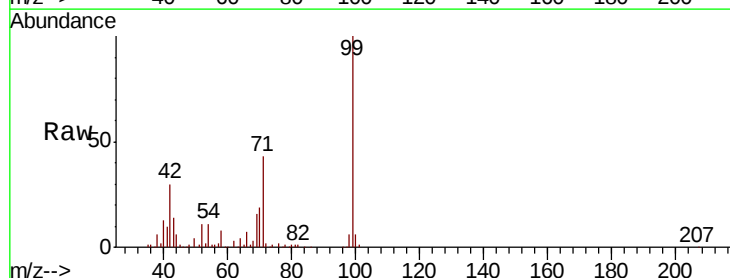
Tgt Ion: 77 Resp: 158

Ion Ratio Lower Upper

77 100

105 0.0 67.5 101.3#

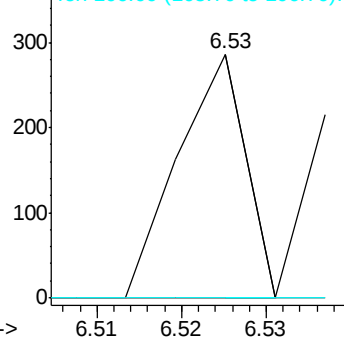
106 0.0 66.2 99.4#



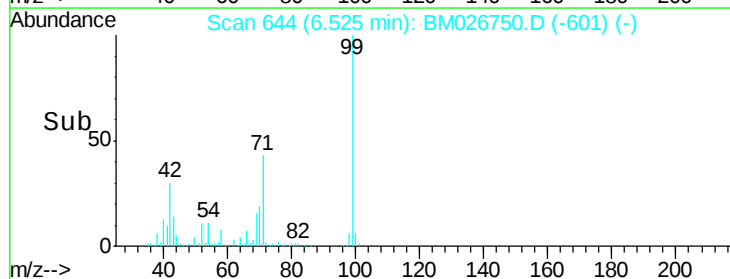
Abundance Ion 77.00 (76.70 to 77.70): BM0

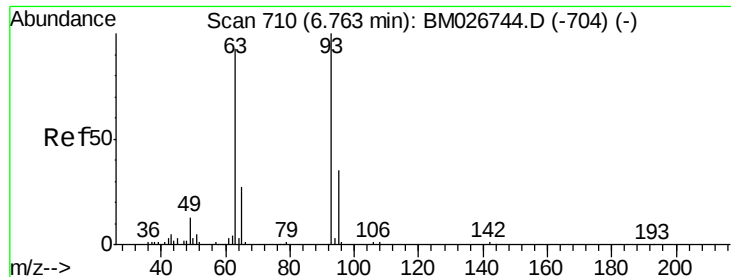
Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



Time-->



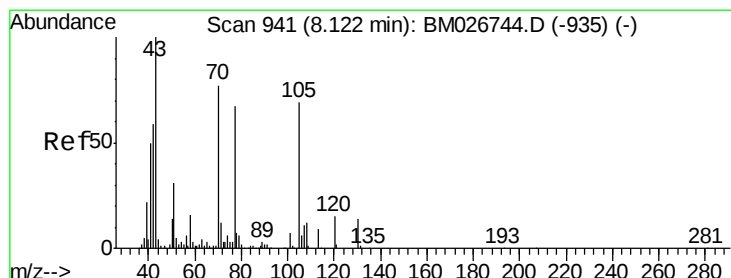
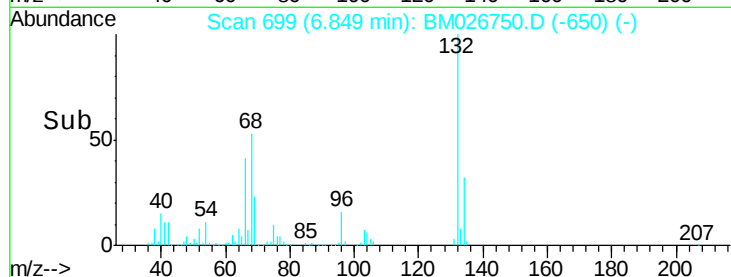
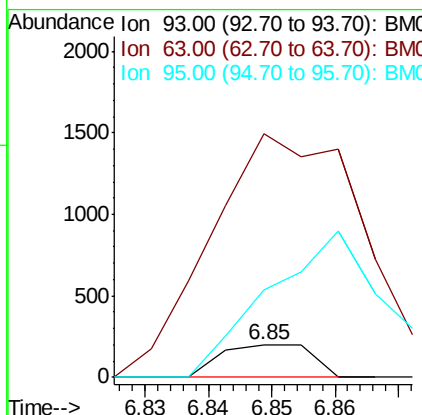
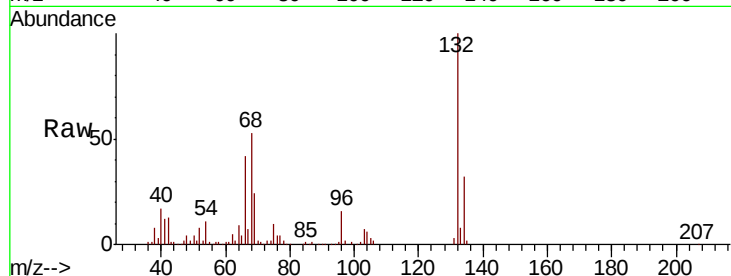


#8

Bis(2-Chloroethyl)ether
 Concen: 0.047 ng/ul
 RT: 6.85 min Scan# 699
 Delta R.T. 0.09 min
 Lab File: BM026750.D
 Acq: 14 Jul 2020 13:31

Instrument :
 BNA_M
 ClientSampleId :
 SBLK64

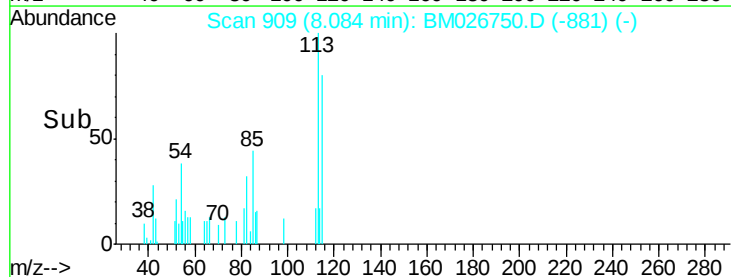
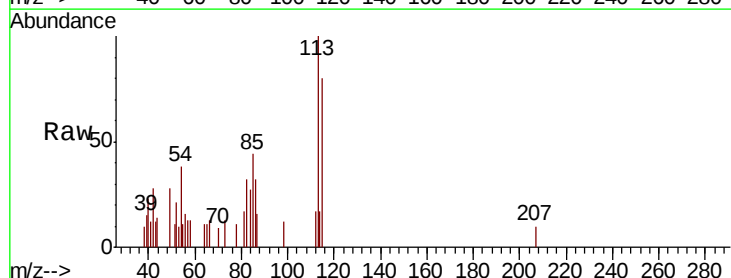
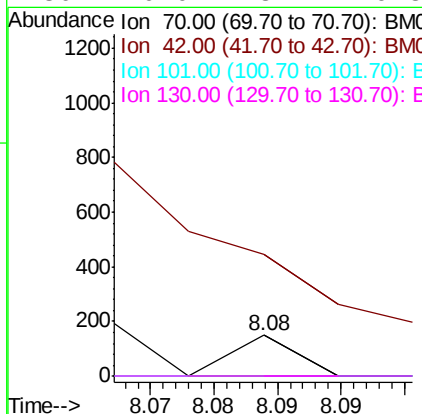
Tot Ion	93.00	Resp	198
Ion	Ratio	Lower	Upper
93	100		
63	750.8	75.5	113.3#
95	269.3	25.2	37.8#

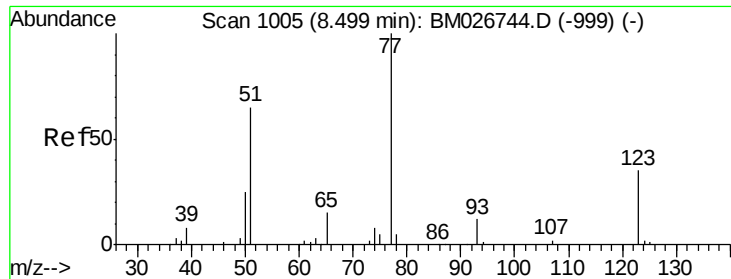


#15

N-Nitroso-di-n-propylamine
 Concen: 0.013 ng/ul
 RT: 8.08 min Scan# 909
 Delta R.T. -0.04 min
 Lab File: BM026750.D
 Acq: 14 Jul 2020 13:31

Tgt Ion	70.00	Resp	53
Ion	Ratio	Lower	Upper
70	100		
42	296.0	58.5	87.7#
101	0.0	7.0	10.4#
130	0.0	13.2	19.8#

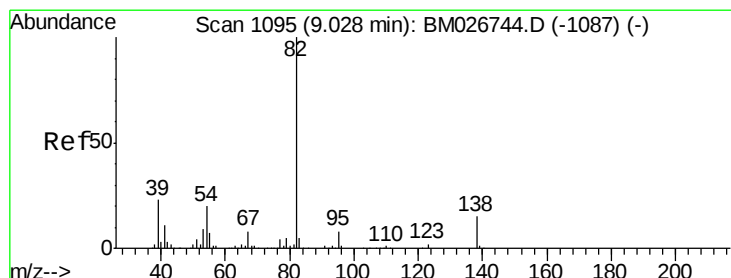
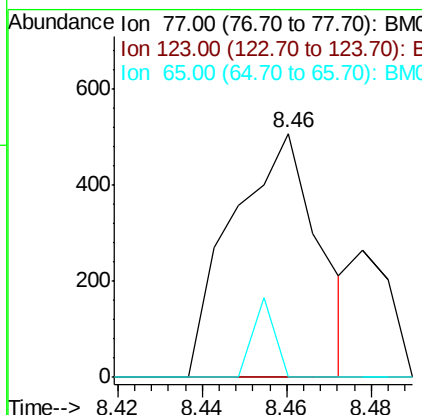
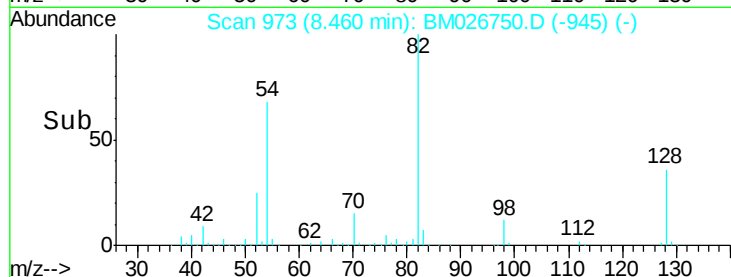
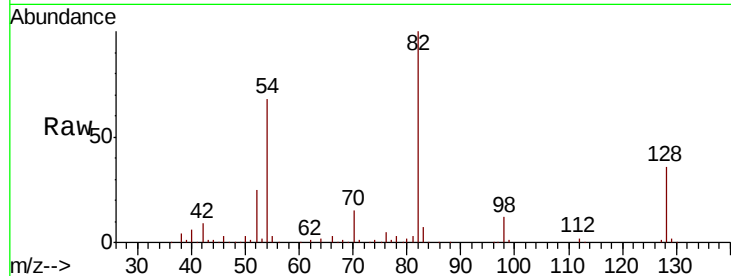




#20
Nitrobenzene
Concen: 0.132 ng/ul
RT: 8.46 min Scan# 973
Delta R.T. -0.04 min
Lab File: BM026750.D
Acq: 14 Jul 2020 13:31

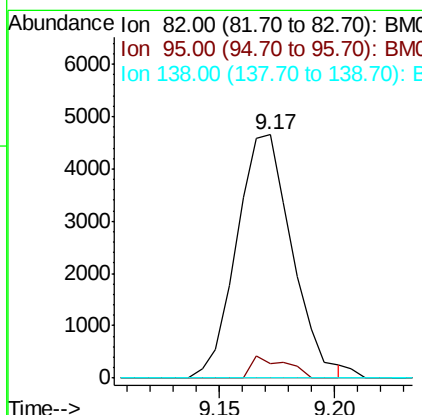
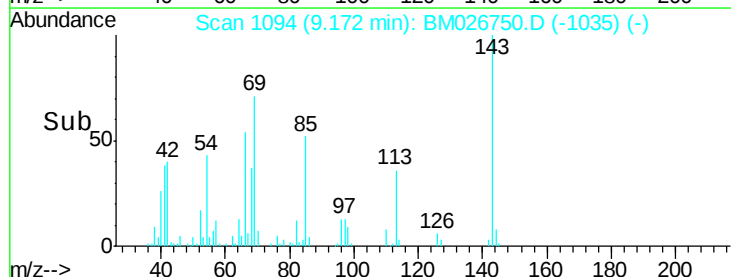
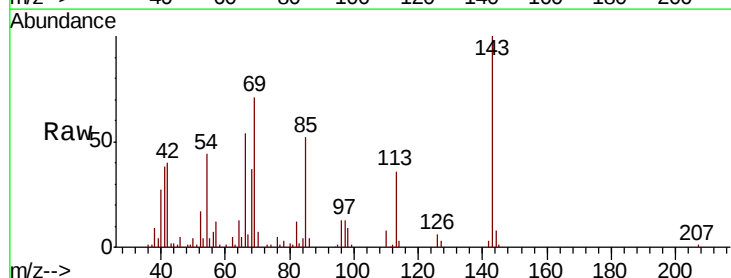
Instrument :
BNA_M
ClientSampleId :
SBLK64

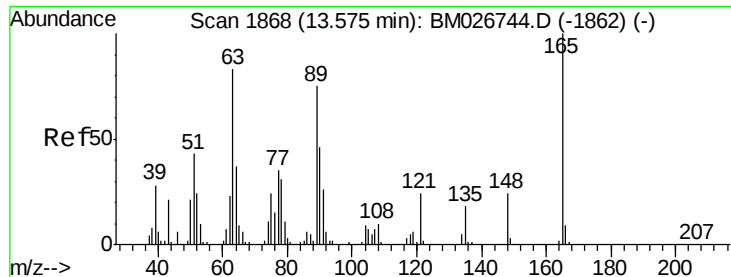
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	29.8	44.8#
65	0.0	11.8	17.6#



#21
Isophorone
Concen: 0.846 ng/ul
RT: 9.17 min Scan# 1094
Delta R.T. 0.14 min
Lab File: BM026750.D
Acq: 14 Jul 2020 13:31

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.2	6.4	9.6#
138	0.0	12.2	18.4#

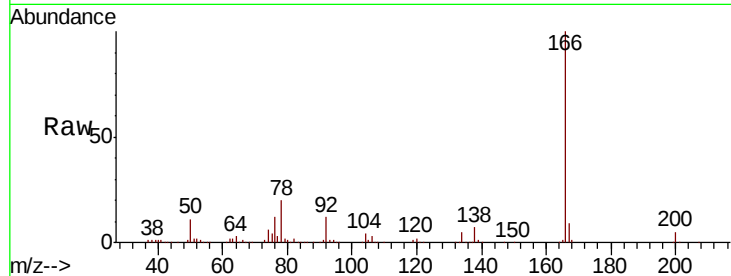




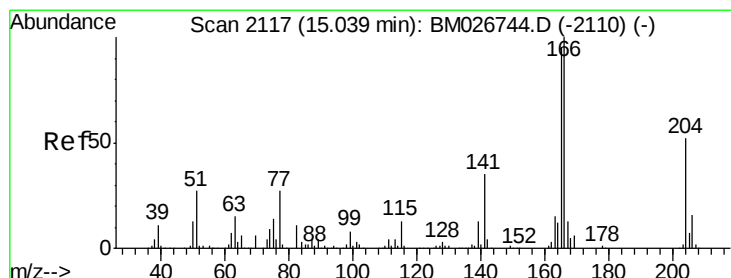
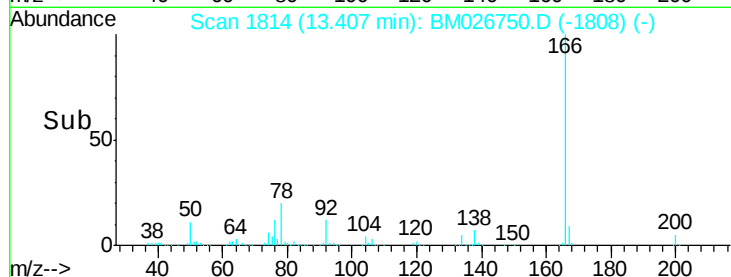
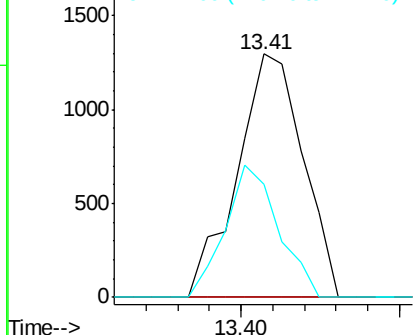
#46
2,6-Dinitrotoluene
Concen: 0.869 ng/ul
RT: 13.41 min Scan# 1814
Delta R.T. -0.17 min
Lab File: BM026750.D
Acq: 14 Jul 2020 13:31

Instrument :
BNA_M
ClientSampleId :
SBLK64

Tot Ion:165 Resp: 1868
Ion Ratio Lower Upper
165 100
89 0.0 54.2 81.4#
121 46.7 18.2 27.4#

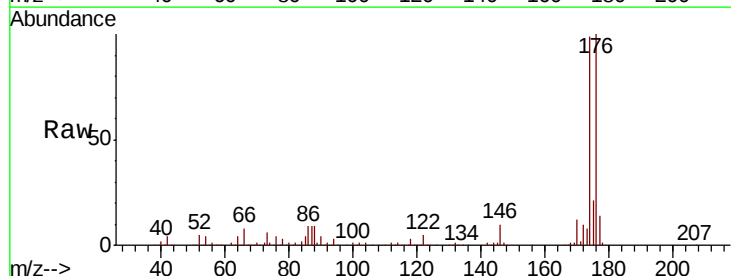


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM0
Ion 121.00 (120.70 to 121.70): E

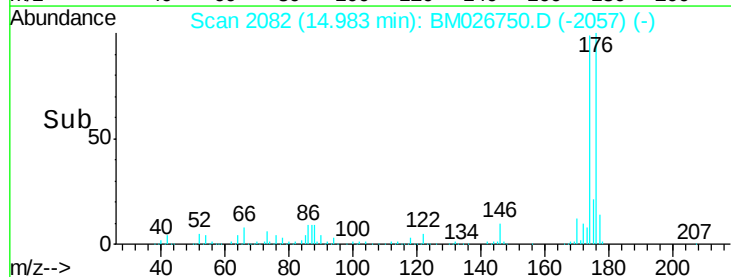
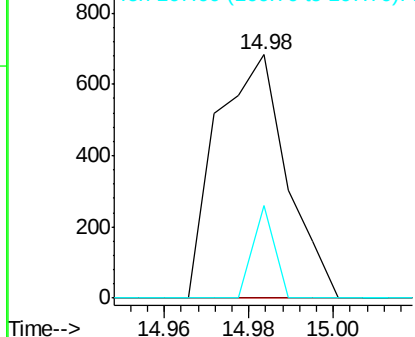


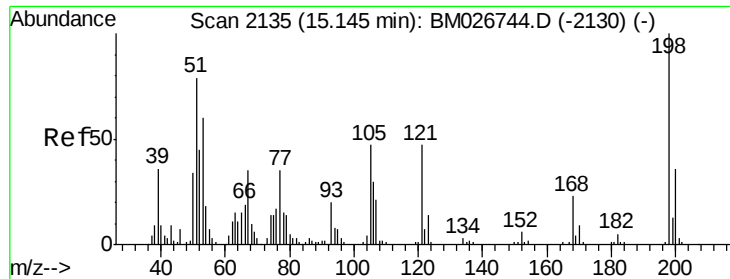
#59
Fluorene
Concen: 0.070 ng/ul
RT: 14.98 min Scan# 2082
Delta R.T. -0.06 min
Lab File: BM026750.D
Acq: 14 Jul 2020 13:31

Tgt Ion:166 Resp: 788
Ion Ratio Lower Upper
166 100
165 0.0 77.0 115.4#
167 37.9 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

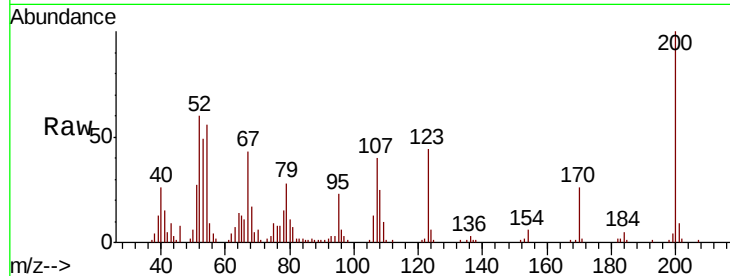




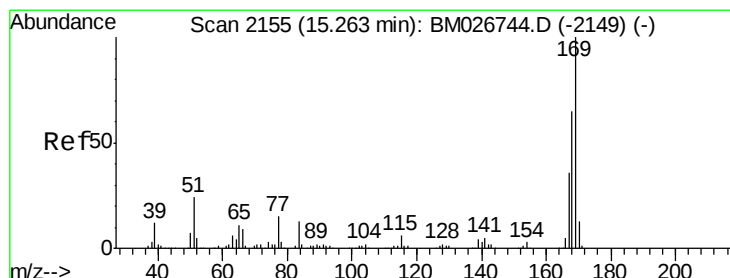
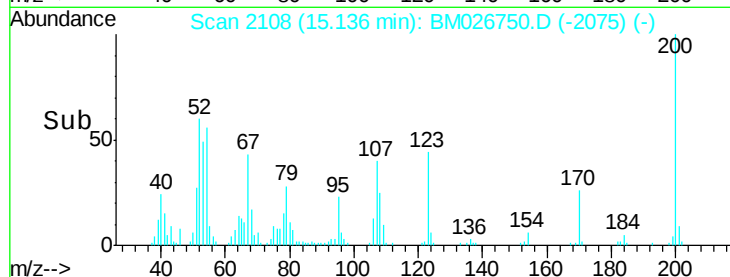
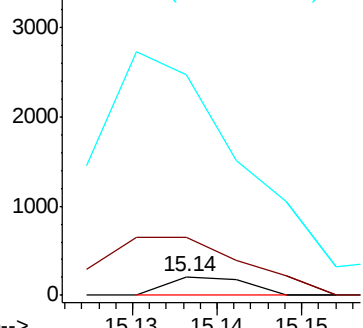
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.072 ng/ul
 RT: 15.14 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BM026750.D
 Acq: 14 Jul 2020 13:31

Instrument :
 BNA_M
 ClientSampleId :
 SBLK64

Tot Ion:198 Resp: 138
 Ion Ratio Lower Upper
 198 100
 182 306.2 4.0 6.0#
 77 1169.7 26.7 40.1#

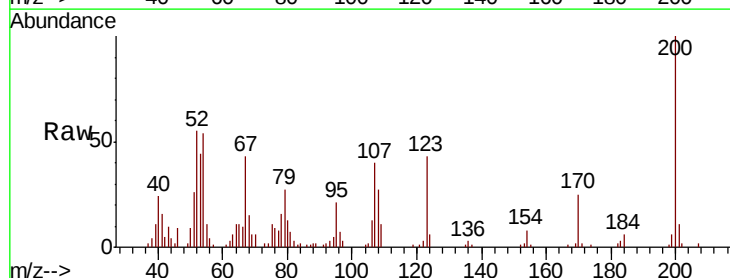


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BM

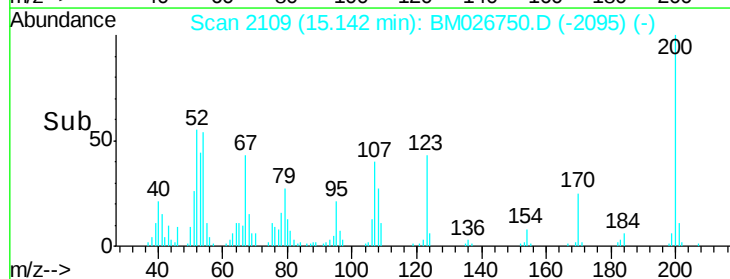
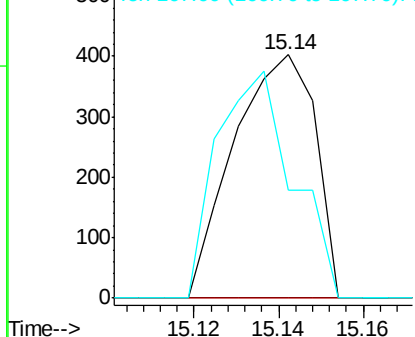


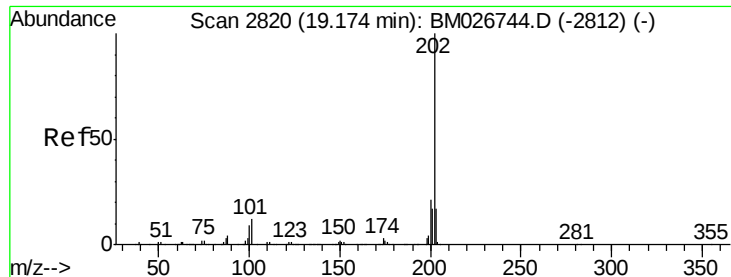
#65
 N-Nitrosodiphenylamine
 Concen: 0.056 ng/ul
 RT: 15.14 min Scan# 2109
 Delta R.T. -0.12 min
 Lab File: BM026750.D
 Acq: 14 Jul 2020 13:31

Tgt Ion:169 Resp: 539
 Ion Ratio Lower Upper
 169 100
 168 0.0 51.7 77.5#
 167 44.4 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: 0.029 ng/ul

RT: 19.14 min Scan# 2789

Delta R.T. -0.03 min

Lab File: BM026750.D

Acq: 14 Jul 2020 13:31

Instrument :

BNA_M

ClientSampled :

SBLK64

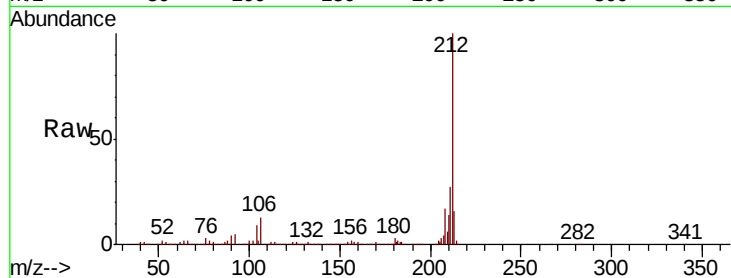
Tot Ion:202 Resp: 585

Ion Ratio Lower Upper

202 100

101 221.1 9.4 14.2#

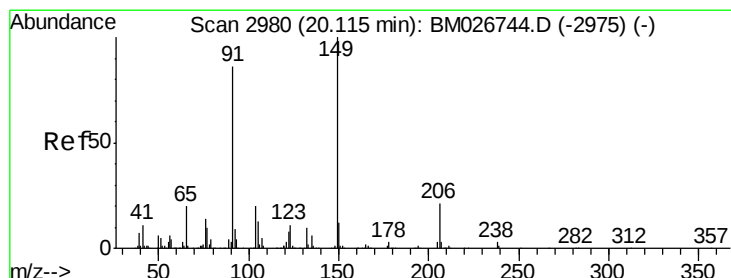
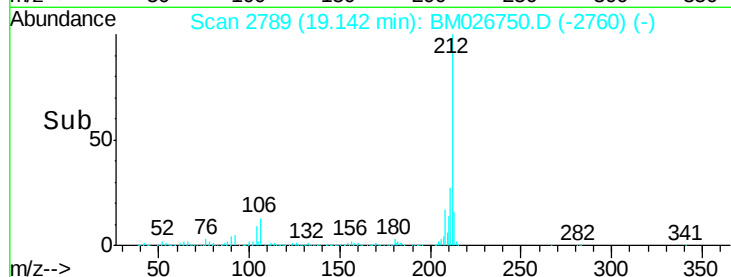
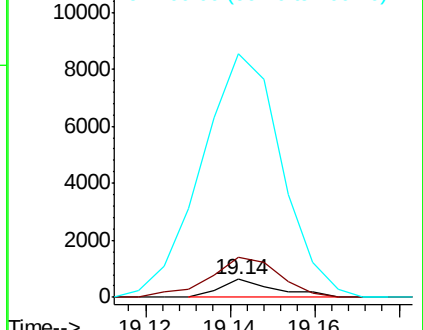
100 1332.0 8.0 12.0#



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: 20.14 min Scan# 2958

Delta R.T. 0.02 min

Lab File: BM026750.D

Acq: 14 Jul 2020 13:31

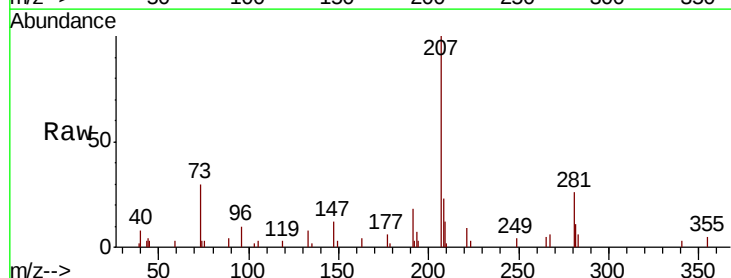
Tgt Ion:149 Resp: 72

Ion Ratio Lower Upper

149 100

91 0.0 66.4 99.6#

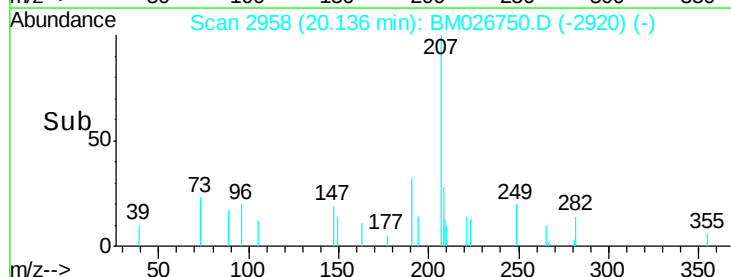
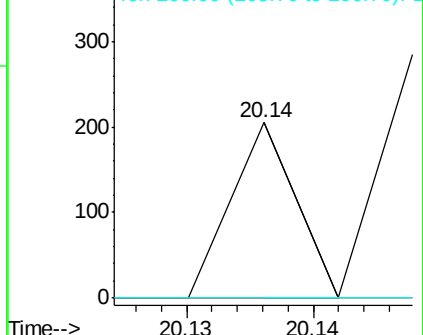
206 0.0 16.3 24.5#

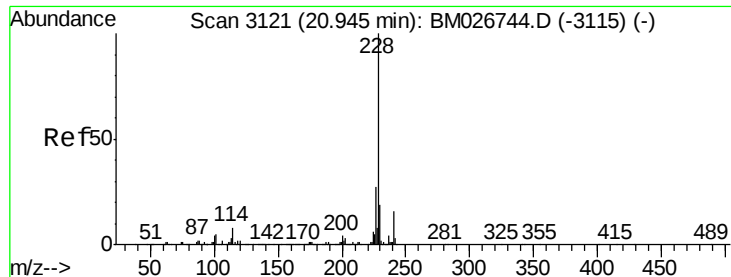


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#83

Benzo(a)anthracene

Concen: 0.037 ng/ul

RT: 20.96 min Scan# 3098

Delta R.T. 0.01 min

Lab File: BM026750.D

Acq: 14 Jul 2020 13:31

Instrument :

BNA_M

ClientSampleId :

SBLK64

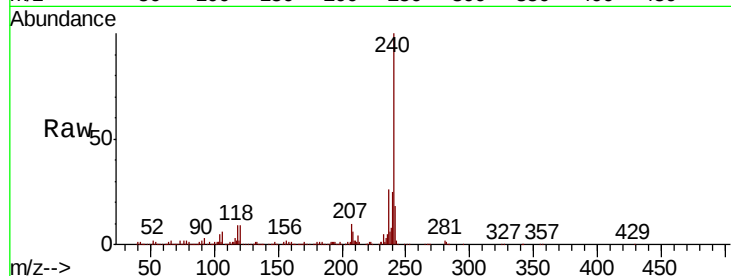
Tot Ion:228 Resp: 729

Ion Ratio Lower Upper

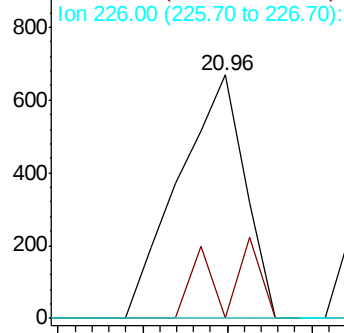
228 100

229 0.0 15.4 23.0#

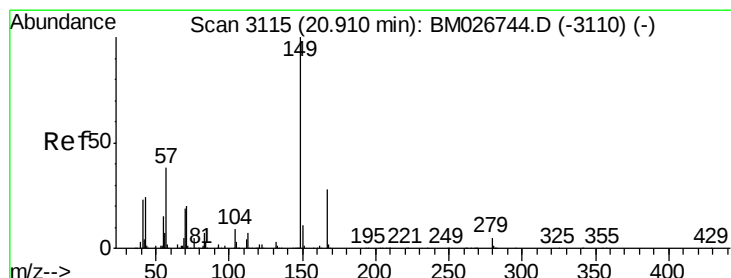
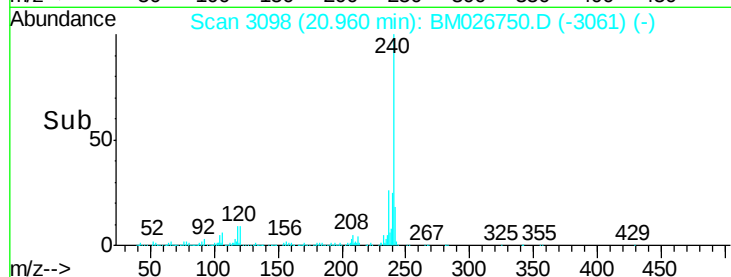
226 0.0 21.2 31.8#



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



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.031 ng/ul

RT: 20.91 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BM026750.D

Acq: 14 Jul 2020 13:31

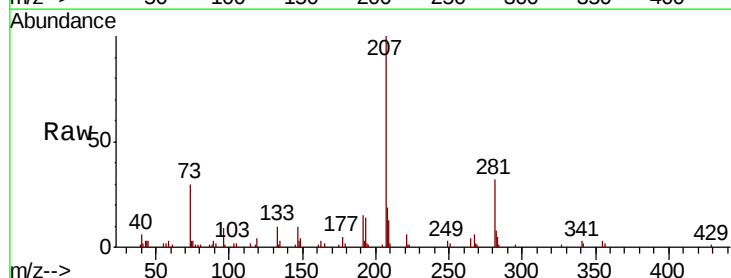
Tgt Ion:149 Resp: 325

Ion Ratio Lower Upper

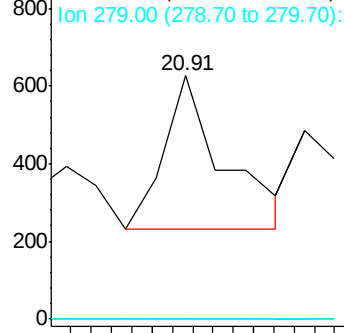
149 100

167 0.0 22.1 33.1#

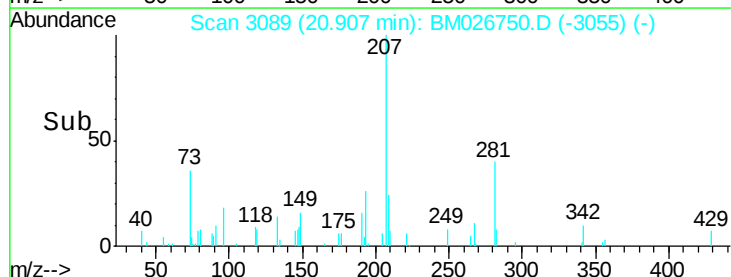
279 0.0 3.6 5.4#

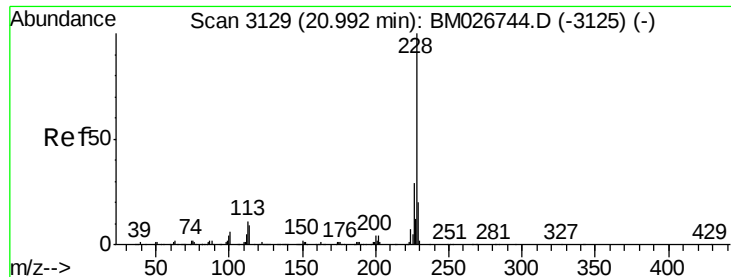


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->





#85

Chrysene

Concen: 0.008 ng/ul

RT: 20.99 min Scan# 3103

Delta R.T. -0.00 min

Lab File: BM026750.D

Acq: 14 Jul 2020 13:31

Instrument :

BNA_M

ClientSampleId :

SBLK64

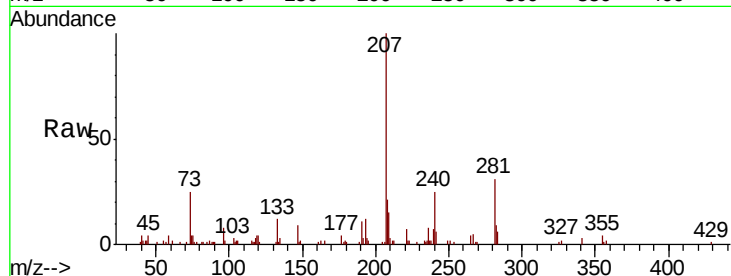
Tot Ion:228 Resp: 156

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.6#

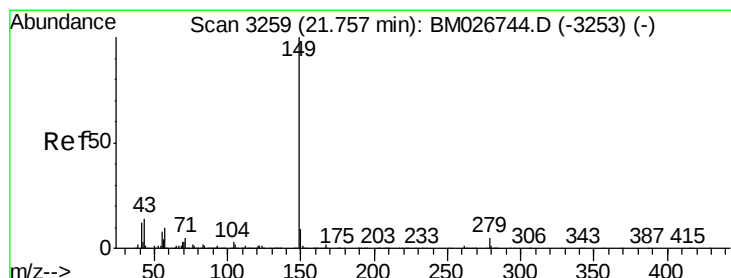
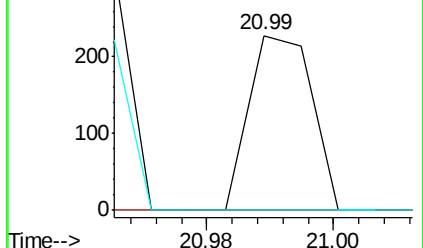
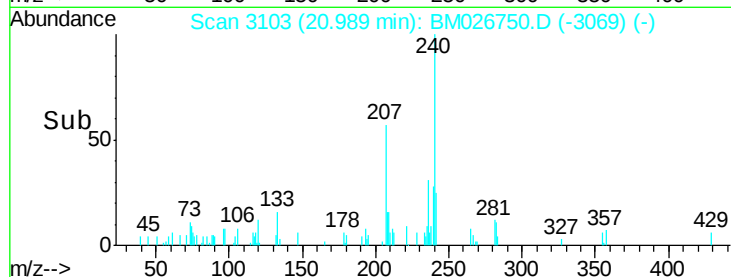
229 0.0 15.5 23.3#



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: 0.007 ng/ul

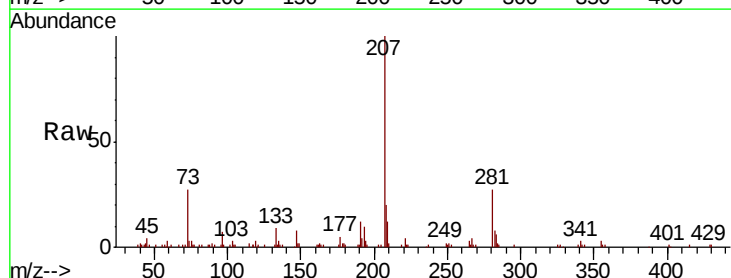
RT: 21.74 min Scan# 3231

Delta R.T. -0.01 min

Lab File: BM026750.D

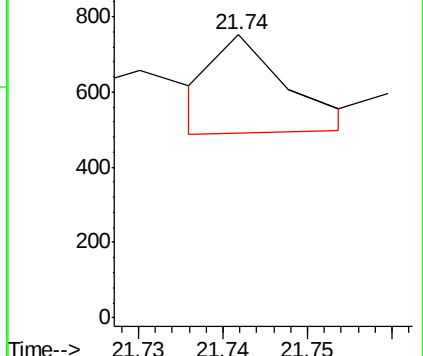
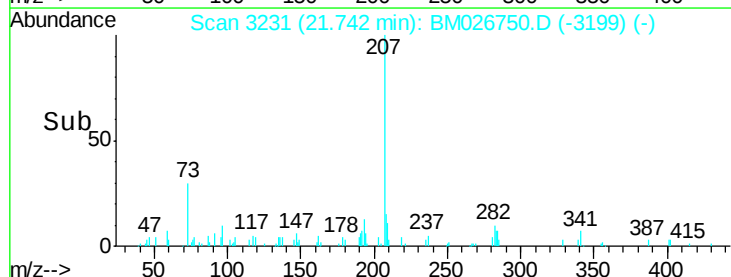
Acq: 14 Jul 2020 13:31

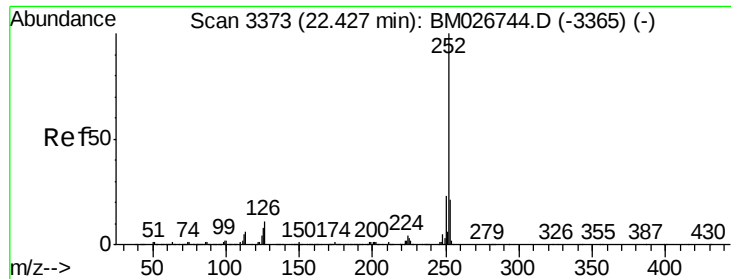
Tgt Ion:149 Resp: 153



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 0.007 ng/ul

RT: 22.42 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BM026750.D

Acq: 14 Jul 2020 13:31

Instrument :

BNA_M

ClientSampled :

SBLK64

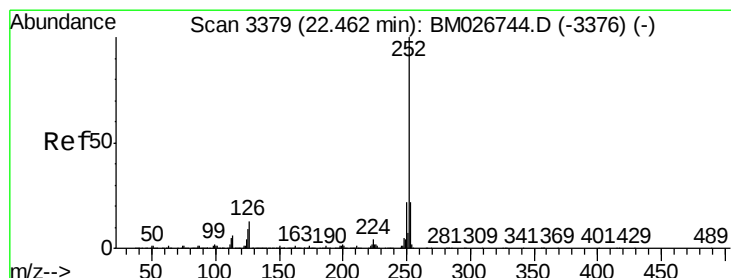
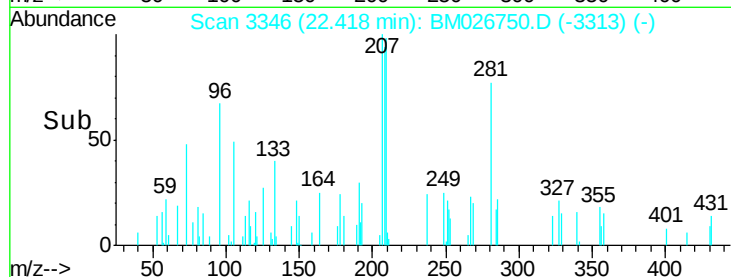
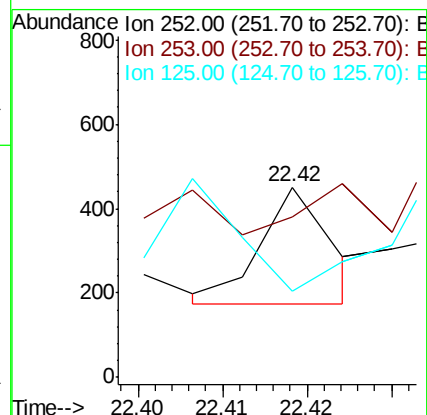
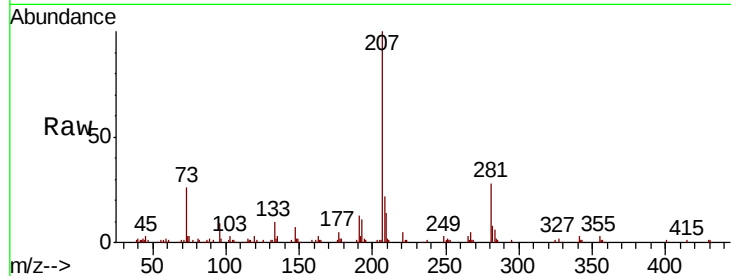
Tot Ion:252 Resp: 160

Ion Ratio Lower Upper

252 100

253 84.3 17.2 25.8#

125 45.5 7.6 11.4#



#89

Benzo(k)fluoranthene

Concen: 0.011 ng/ul

RT: 22.47 min Scan# 3355

Delta R.T. 0.01 min

Lab File: BM026750.D

Acq: 14 Jul 2020 13:31

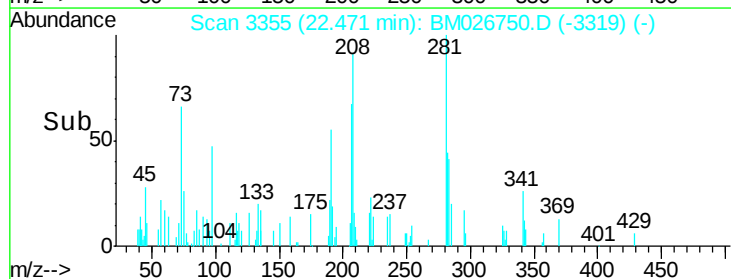
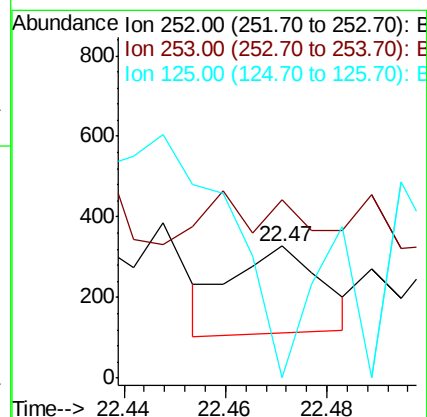
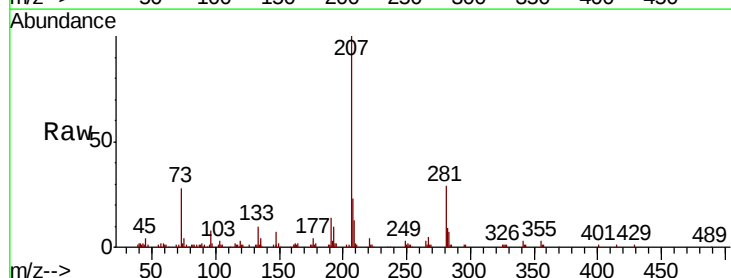
Tgt Ion:252 Resp: 263

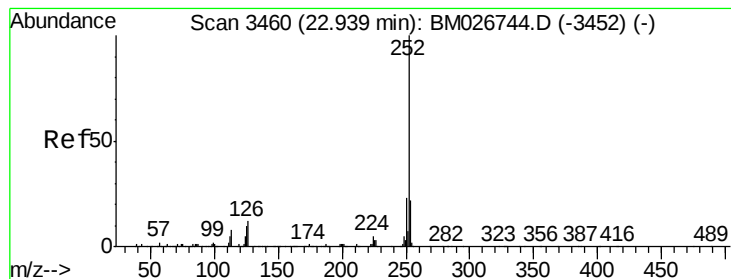
Ion Ratio Lower Upper

252 100

253 135.1 17.1 25.7#

125 0.0 7.7 11.5#





#91
 Benzo(a)pyrene
 Concen: 0.012 ng/ul
 RT: 22.94 min Scan# 3434
 Delta R.T. -0.00 min
 Lab File: BM026750.D
 Acq: 14 Jul 2020 13:31

Instrument :
 BNA_M
 ClientSampleId :
 SBLK64

Tot Ion	Ratio	Lower	Upper
252	100		
253	96.7	17.4	26.0#
125	86.9	7.5	11.3#

