

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071420\
 Data File : BM026761.D
 Acq On : 14 Jul 2020 20:50
 Operator : JU/CG
 Sample : PB130165BL
 Misc : PBBL-SOIL-ME-02
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK65

Manual Integrations
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mohammad
 7/15/2020 10:58:48 AM

Quant Time: Jul 15 00:44:30 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	70525	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	278797	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	163759	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	345704	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	324020	20.00	ng/ul	0.00
86) Perylene-d12	23.02	264	393571	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.90	96	14519	6.19	ng/uL	0.00
5) Phenol-d5	6.52	99	193533	29.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	142665	32.66	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	155856	31.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	151930	29.41	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	71639	32.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	78395	33.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	140948	30.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	192214	39.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	447421	34.25	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	516090	32.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.24	143	52066m	27.62	ng/ul	0.00
58) Fluorene-d10	14.98	176	376329	32.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	55378	25.64	ng/ul	0.00
71) Anthracene-d10	16.83	188	482197	28.32	ng/ul	0.00
79) Pyrene-d10	19.14	212	636642	37.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	718100	33.81	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	2.94	88	95	0.037	ng/uL# 33
4) Benzaldehyde	6.51	77	124	0.036	ng/ul# 8
8) Bis(2-Chloroethyl)ether	6.84	93	83	0.015	ng/ul# 1
15) N-Nitroso-di-n-propylamine	8.04	70	4593	0.888	ng/ul# 1
20) Nitrobenzene	8.45	77	1047	0.151	ng/ul# 45
21) Isophorone	9.17	82	9888	0.846	ng/ul# 73
45) Dimethylphthalate	13.41	163	109	0.008	ng/ul# 1
46) 2,6-Dinitrotoluene	13.41	165	2480	0.938	ng/ul# 32
59) Fluorene	14.98	166	893	0.064	ng/ul# 8
61) 4-Nitroaniline	15.14	138	116	0.047	ng/ul# 1
65) N-Nitrosodiphenylamine	15.14	169	494	0.043	ng/ul# 2
76) Di-n-butylphthalate	17.73	149	424	0.020	ng/ul# 78
80) Pyrene	19.14	202	761	0.033	ng/ul# 1
81) Butylbenzylphthalate	20.12	149	108	0.013	ng/ul# 17
82) 3,3'-Dichlorobenzidine	21.03	252	128	0.020	ng/ul# 26
83) Benzo(a)anthracene	20.95	228	1219	0.055	ng/ul# 64
84) Bis(2-ethylhexyl)phthalate	20.91	149	491	0.040	ng/ul# 53
85) Chrysene	20.95	228	1219	0.055	ng/ul# 62
87) Di-n-octyl phthalate	21.75	149	297	0.012	ng/ul 100
88) Benzo(b)fluoranthene	22.43	252	209	0.008	ng/ul# 1
89) Benzo(k)fluoranthene	22.46	252	536	0.020	ng/ul# 1
91) Benzo(a)pyrene	22.94	252	293	0.012	ng/ul# 1

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Instrument :
BNA_M
ClientSampleId :
SBLK65

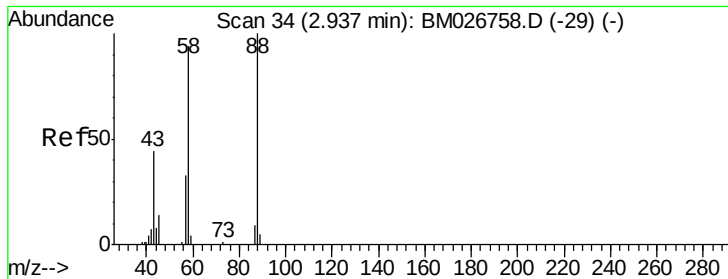
Manual Integrations
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Quant Time: Jul 15 00:44:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 14 10:31:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 0.037 ng/uL

RT: 2.94 min Scan# 34

Delta R.T. 0.00 min

Lab File: BM026761.D

Acq: 14 Jul 2020 20:50

Instrument :

BNA_M

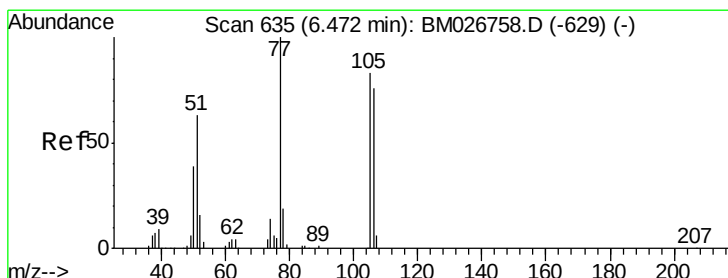
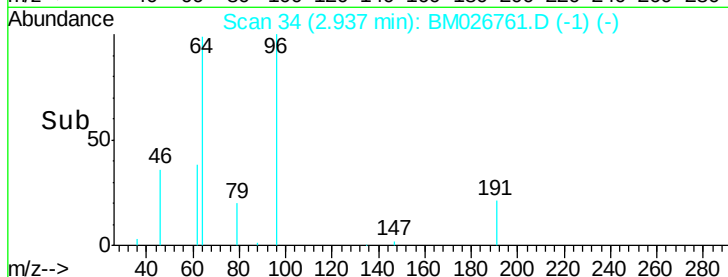
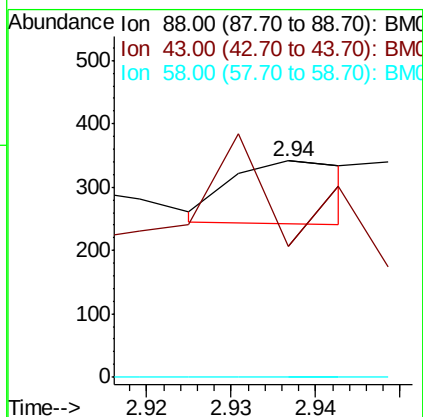
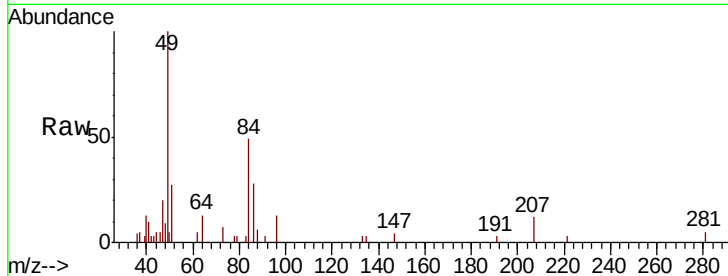
ClientSampled :

SBLK65

Tot Ion:	88	Resp:	95
Ion	Ratio	Lower	Upper
88	100		
43	60.4	38.2	57.2#
58	0.0	68.9	103.3#

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#4

Benzaldehyde

Concen: 0.036 ng/uL

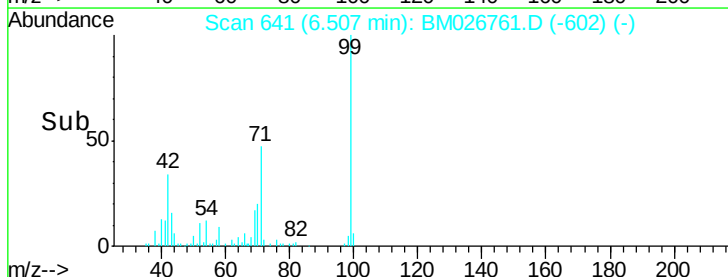
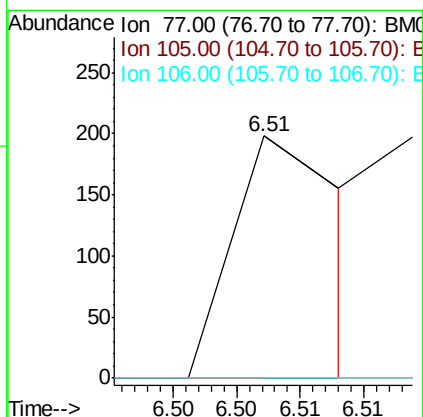
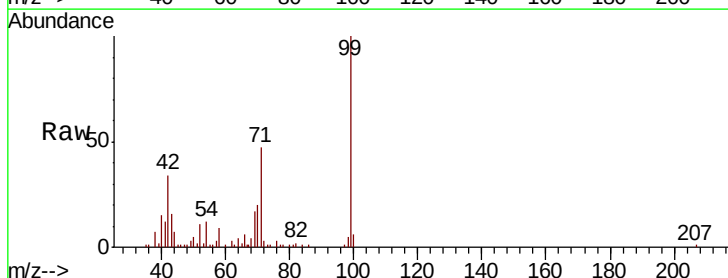
RT: 6.51 min Scan# 641

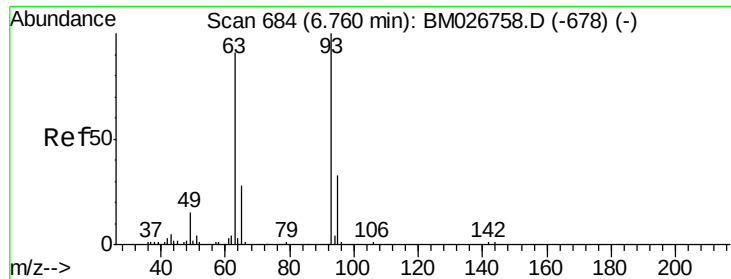
Delta R.T. 0.03 min

Lab File: BM026761.D

Acq: 14 Jul 2020 20:50

Tgt Ion:	77	Resp:	124
Ion	Ratio	Lower	Upper
77	100		
105	0.0	67.5	101.3#
106	0.0	66.2	99.4#





#8

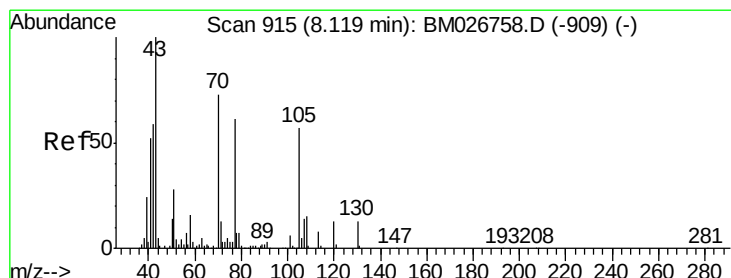
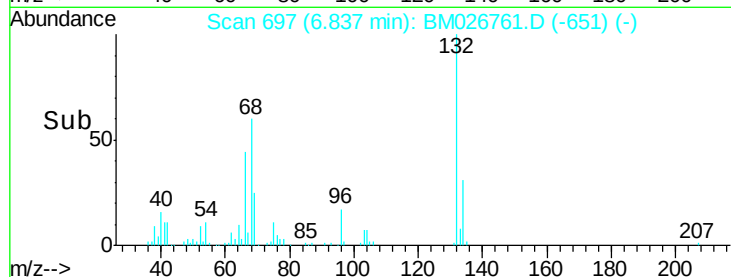
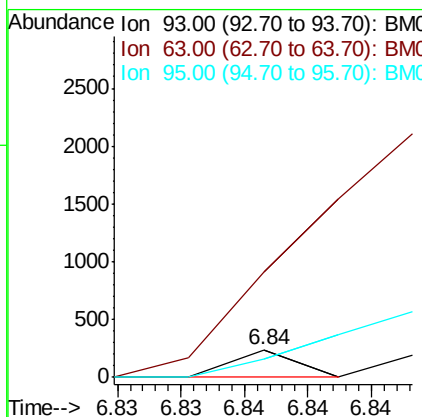
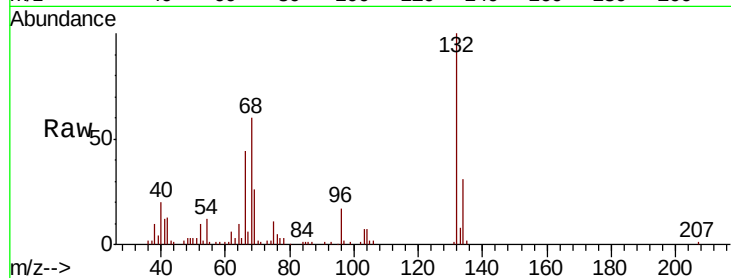
Bis(2-Chloroethyl)ether
Concen: 0.015 ng/ul
RT: 6.84 min Scan# 697
Delta R.T. 0.07 min
Lab File: BM026761.D
Acq: 14 Jul 2020 20:50

Instrument :
BNA_M
ClientSampleId :
SBLK65

Tot Ion	93	Ratio	100	Resp:	83
Ion	93	100		Lower	Upper
	63	386.9	75.5	113.3#	
	95	65.3	25.2	37.8#	

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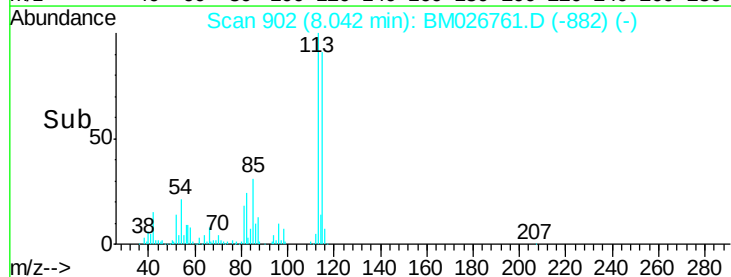
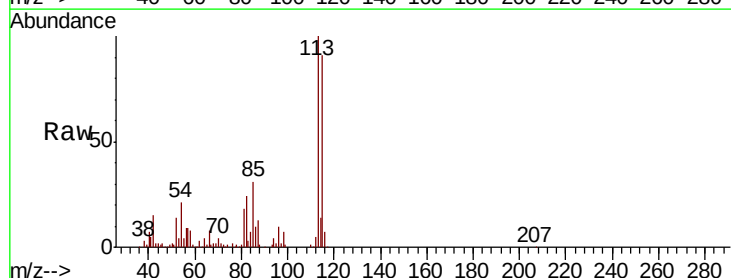
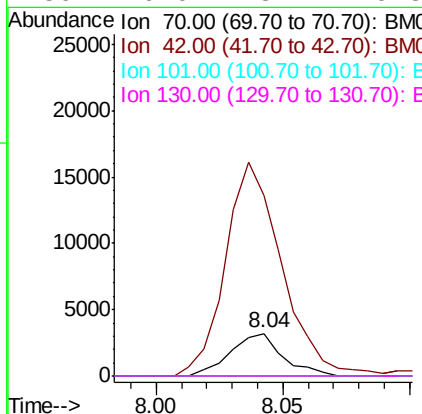
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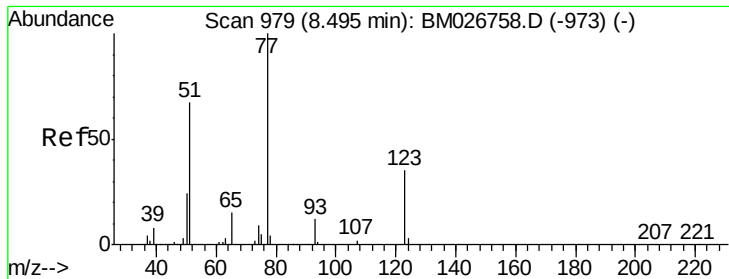


#15

N-Nitroso-di-n-propylamine
Concen: 0.888 ng/ul
RT: 8.04 min Scan# 902
Delta R.T. -0.08 min
Lab File: BM026761.D
Acq: 14 Jul 2020 20:50

Tgt Ion	70	Ratio	100	Resp:	4593
Ion	70	100		Lower	Upper
	42	427.8	58.5	87.7#	
	101	0.0	7.0	10.4#	
	130	0.0	13.2	19.8#	





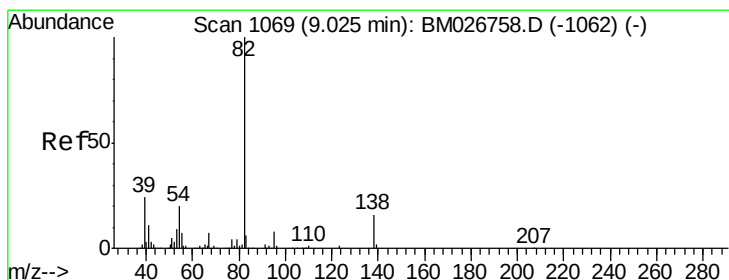
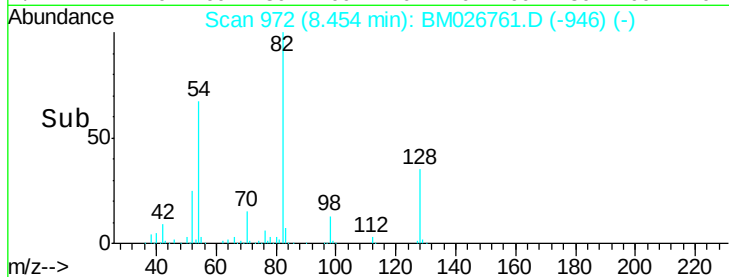
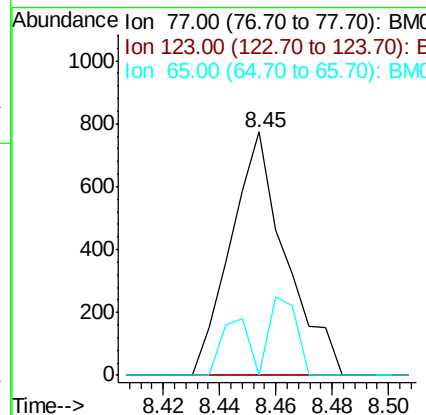
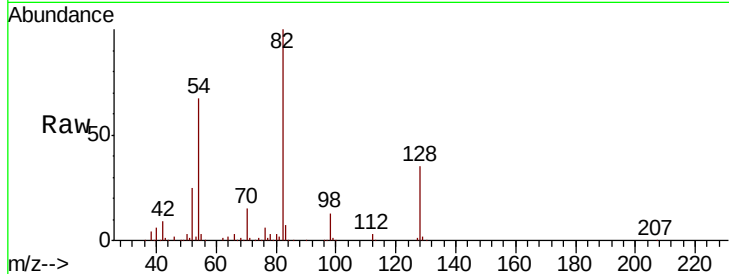
#20
Nitrobenzene
Concen: 0.151 ng/ul
RT: 8.45 min Scan# 972
Delta R.T. -0.04 min
Lab File: BM026761.D
Acq: 14 Jul 2020 20:50

Instrument :
BNA_M
ClientSampled :
SBLK65

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

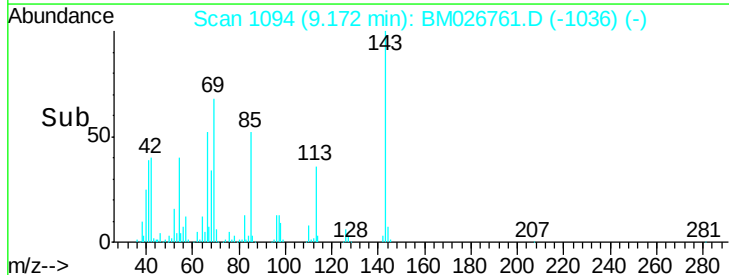
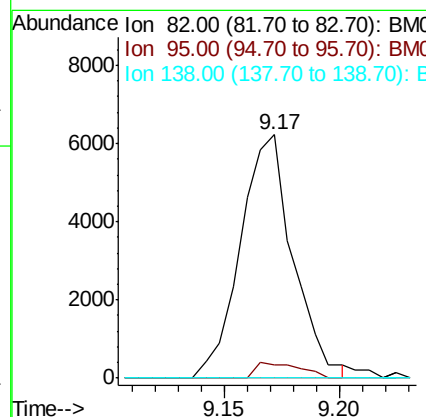
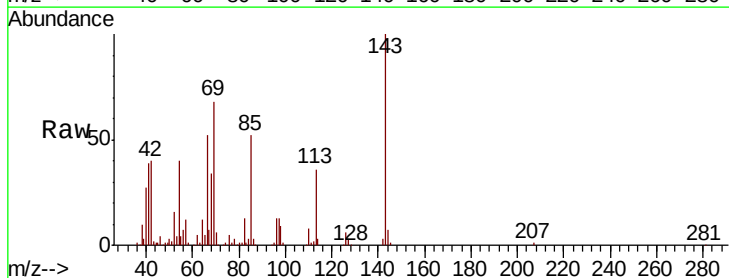
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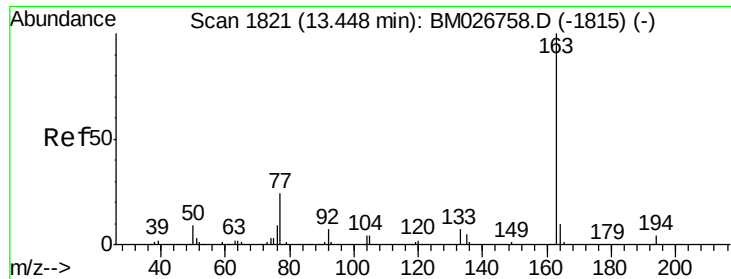
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#21
Isophorone
Concen: 0.846 ng/ul
RT: 9.17 min Scan# 1094
Delta R.T. 0.14 min
Lab File: BM026761.D
Acq: 14 Jul 2020 20:50

Tgt Ion	Ratio	Lower	Upper
82	100		
95	5.2	6.4	9.6#
138	0.0	12.2	18.4#





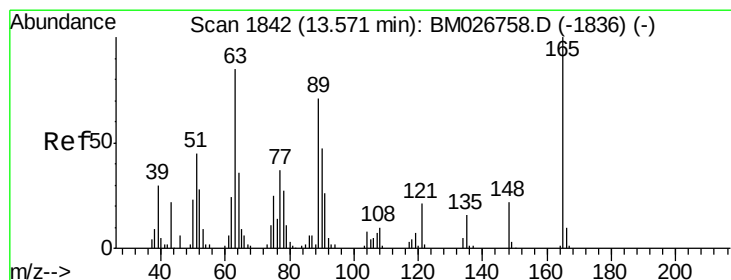
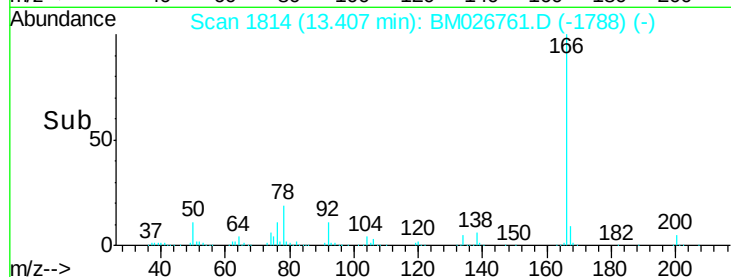
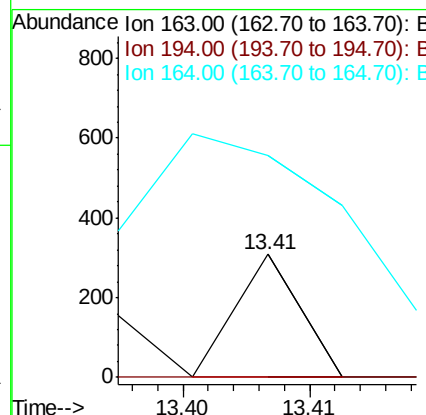
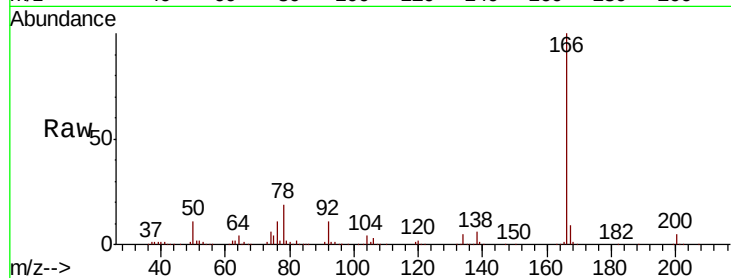
#45
Dimethylphthalate
Concen: 0.008 ng/ul
RT: 13.41 min Scan# 1814
Delta R.T. -0.04 min
Lab File: BM026761.D
Acq: 14 Jul 2020 20:50

Instrument :
BNA_M
ClientSampled :
SBLK65

Tot Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.5	5.3#
164	181.2	7.8	11.6#

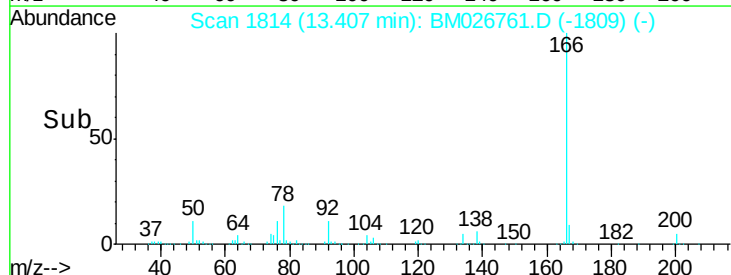
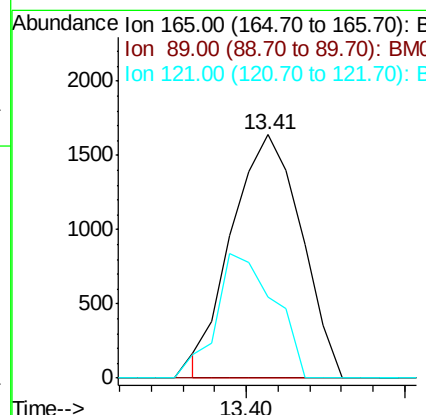
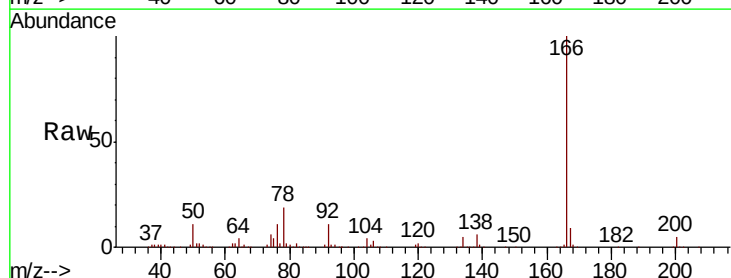
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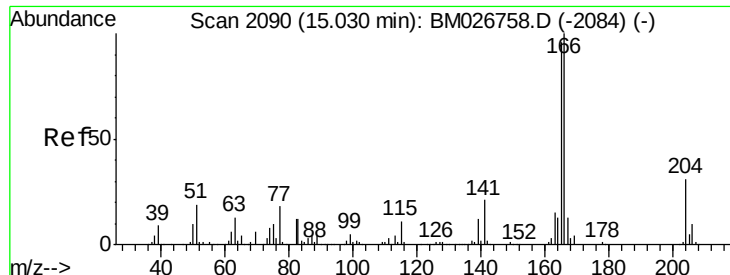
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#46
2,6-Dinitrotoluene
Concen: 0.938 ng/ul
RT: 13.41 min Scan# 1814
Delta R.T. -0.17 min
Lab File: BM026761.D
Acq: 14 Jul 2020 20:50

Tgt Ion	Ratio	Lower	Upper
165	100		
89	0.0	54.2	81.4#
121	33.2	18.2	27.4#





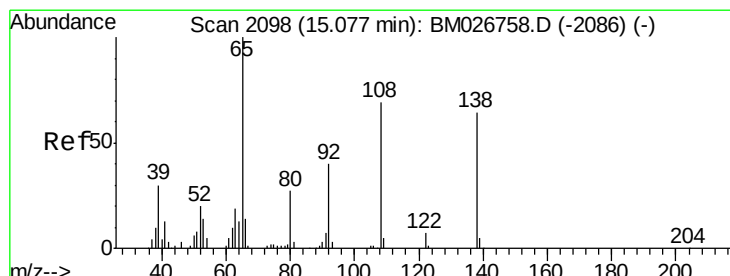
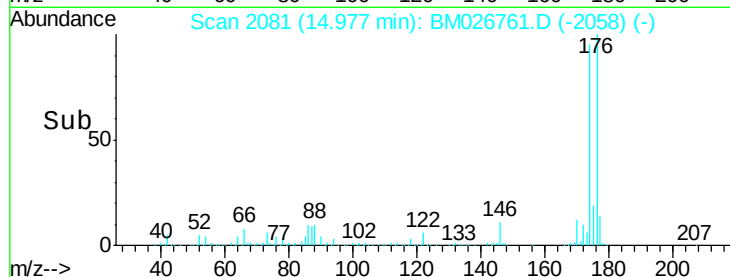
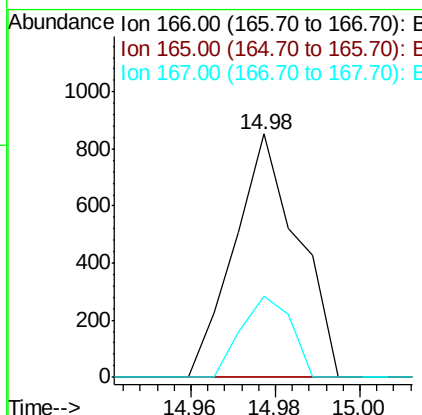
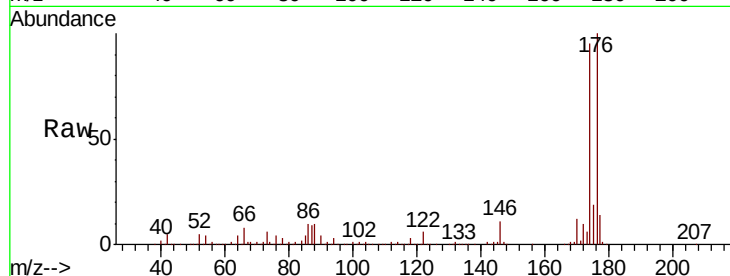
#59
Fluorene
 Concen: 0.064 ng/ul
 RT: 14.98 min Scan# 2081
 Delta R.T. -0.06 min
 Lab File: BM026761.D
 Acq: 14 Jul 2020 20:50

Instrument :
 BNA_M
 ClientSampled :
 SBLK65

Tot Ion	Ratio	Lower	Upper
166	100		
165	0.0	77.0	115.4#
167	33.2	10.7	16.1#

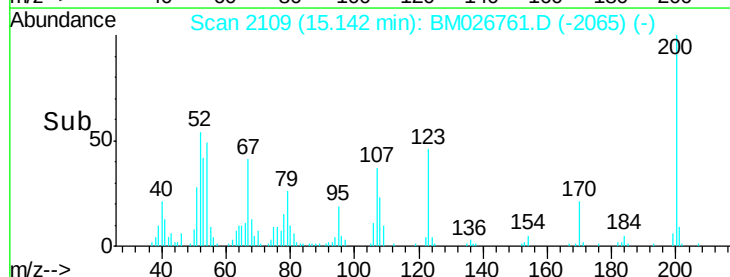
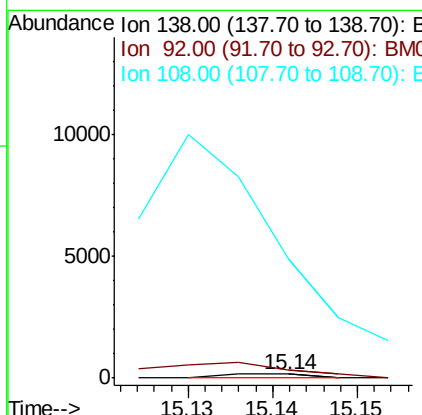
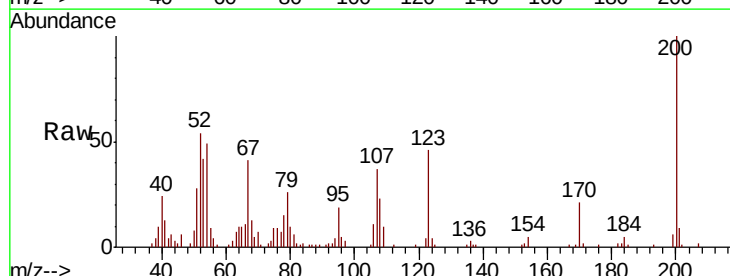
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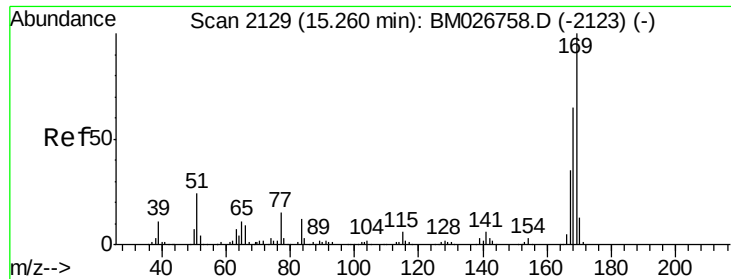
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#61
4-Nitroaniline
 Concen: 0.047 ng/ul
 RT: 15.14 min Scan# 2109
 Delta R.T. 0.06 min
 Lab File: BM026761.D
 Acq: 14 Jul 2020 20:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	193.5	47.7	71.5#
108	2894.1	82.6	123.8#





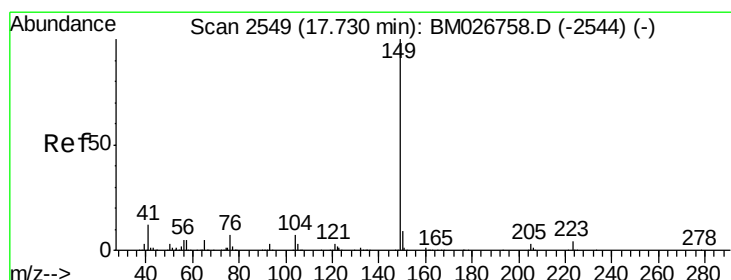
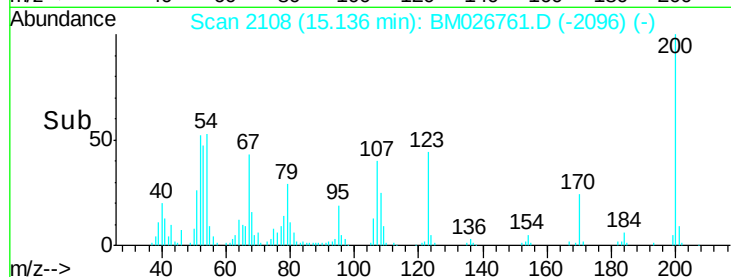
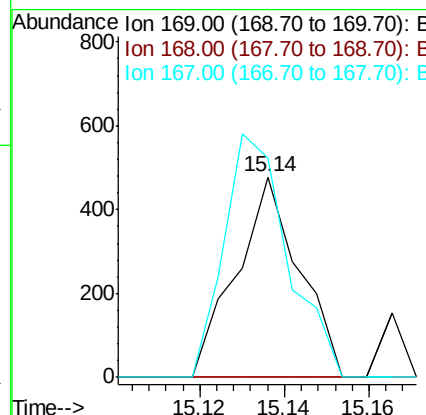
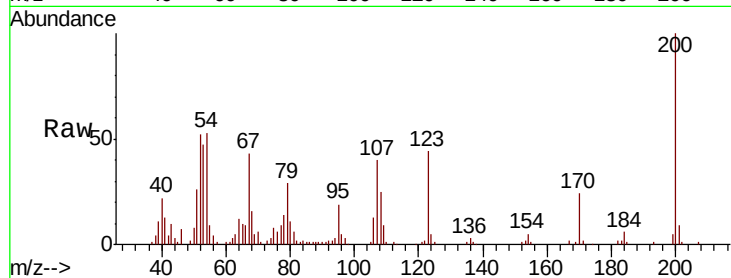
#65
N-Nitrosodiphenylamine
Concen: 0.043 ng/ul
RT: 15.14 min Scan# 2108
Delta R.T. -0.13 min
Lab File: BM026761.D
Acq: 14 Jul 2020 20:50

Instrument :
BNA_M
ClientSampleId :
SBLK65

Tot Ion	Ratio	Lower	Upper
169	100		
168	0.0	51.7	77.5#
167	109.2	28.4	42.6#

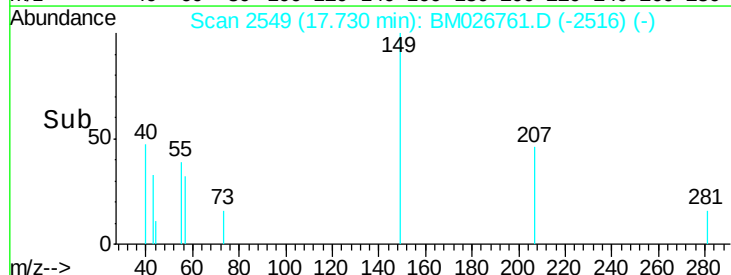
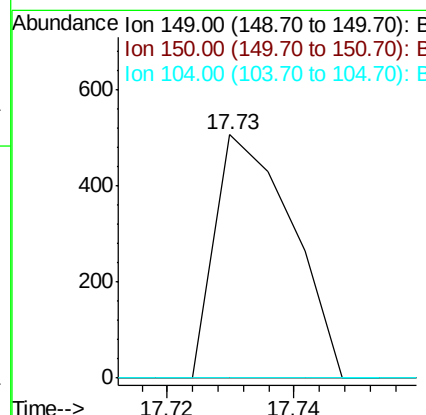
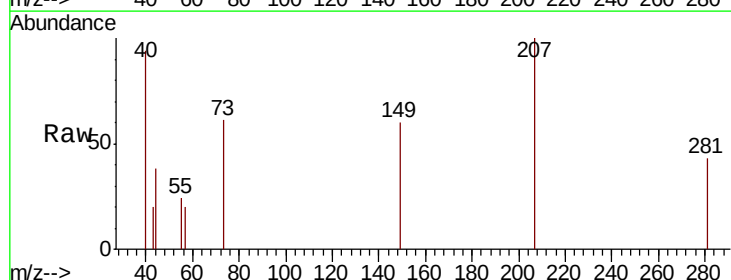
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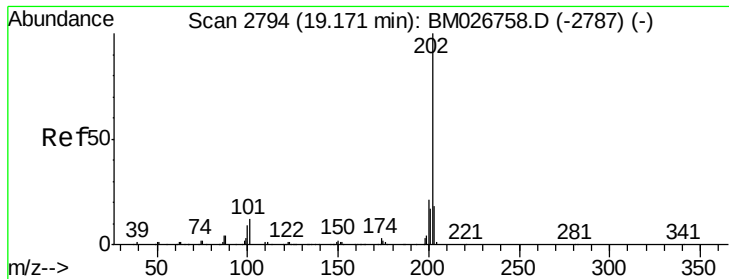
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#76
Di-n-butylphthalate
Concen: 0.020 ng/ul
RT: 17.73 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BM026761.D
Acq: 14 Jul 2020 20:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.1	10.7#
104	0.0	5.2	7.8#





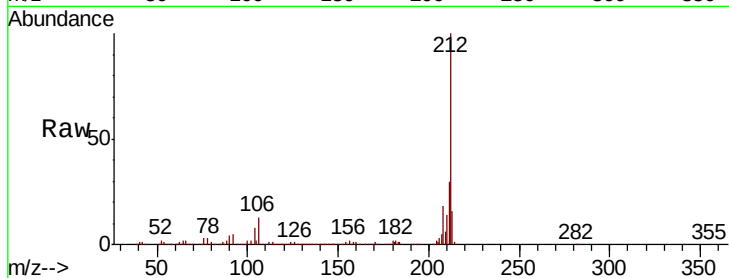
#80
Pvrene
Concen: 0.033 ng/ul
RT: 19.14 min Scan# 2789
Delta R.T. -0.03 min
Lab File: BM026761.D
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BNA_M
ClientSampleId :
SBLK65

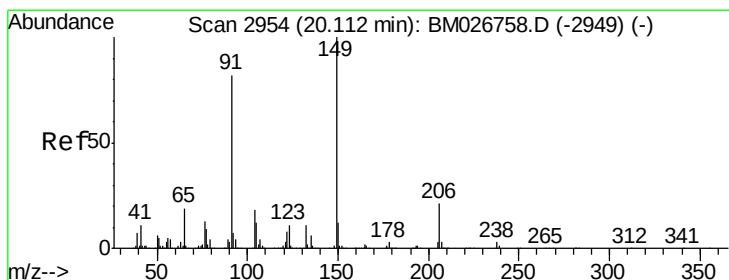
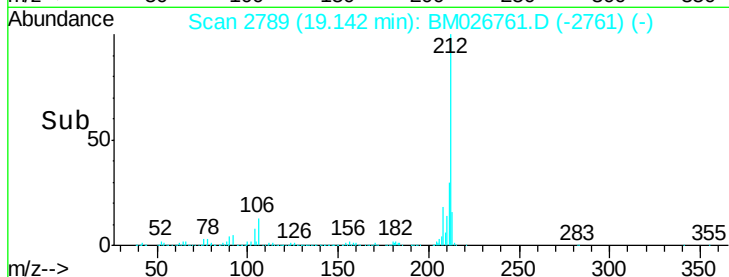
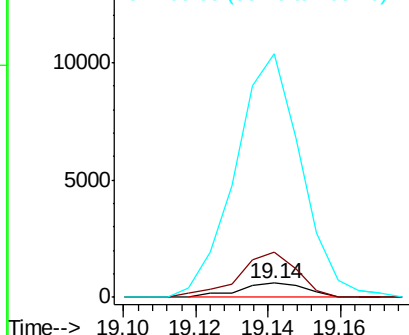
Tot Ion	Ratio	Lower	Upper
202	100		
101	320.4	9.4	14.2#
100	1744.9	8.0	12.0#

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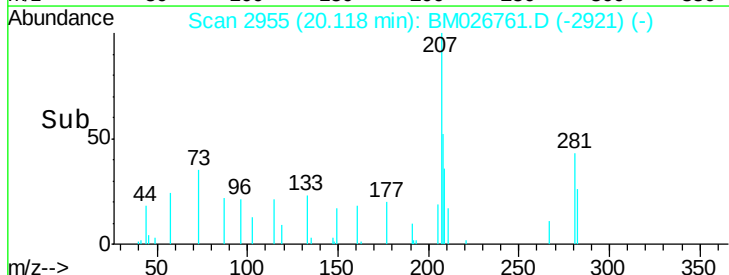
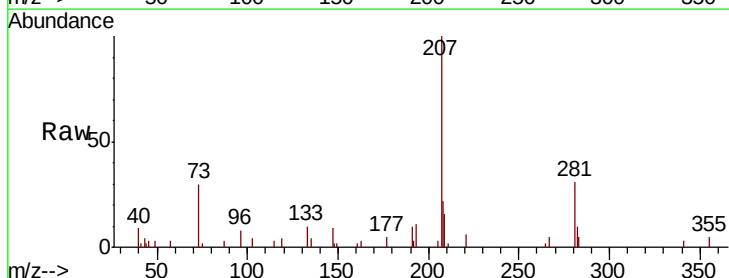
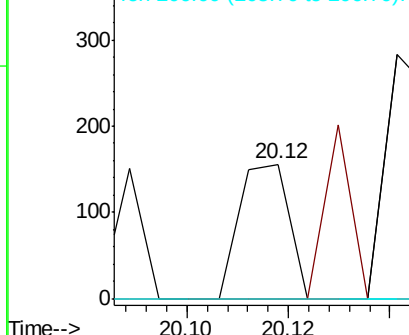
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

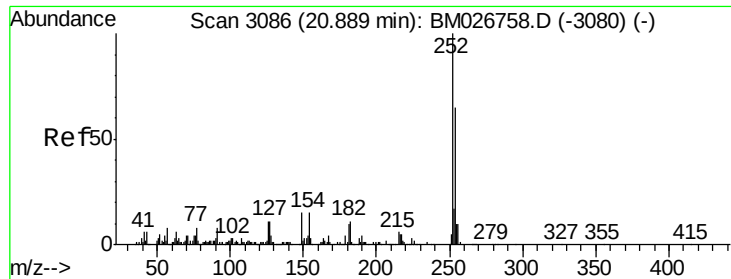


#81
Butylbenzylphthalate
Concen: 0.013 ng/ul
RT: 20.12 min Scan# 2955
Delta R.T. 0.00 min
Lab File: BM026761.D
Acq: 14 Jul 2020 20:50

Tgt 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: 0.020 ng/ul

RT: 21.03 min Scan# 3110

Delta R.T. 0.14 min

Lab File: BM026761.D

Acq: 14 Jul 2020 20:50

Instrument :

BNA_M

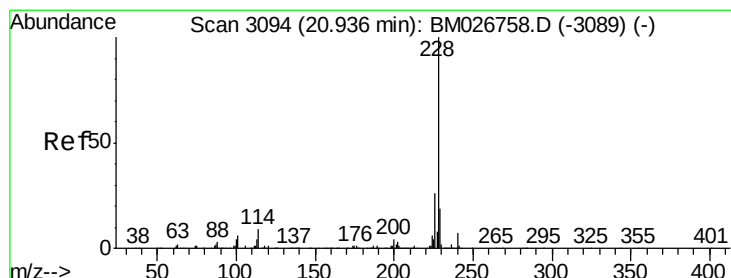
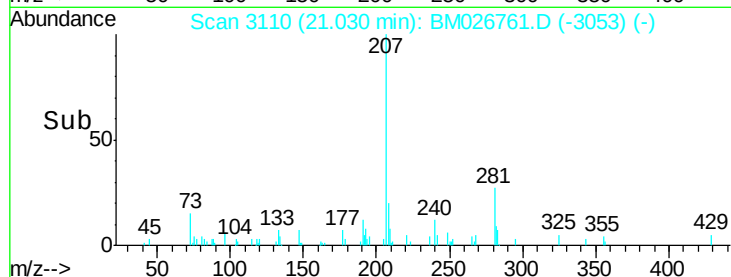
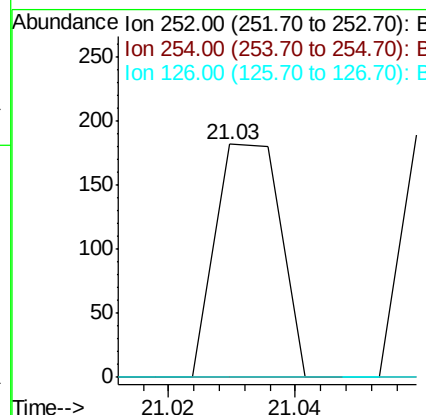
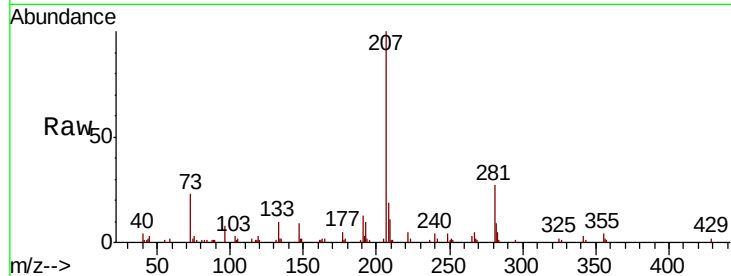
ClientSampled :

SBLK65

Tot Ion:	252	Resp:	128
Ion Ratio	Lower	Upper	
252	100		
254	0.0	51.3	76.9#
126	0.0	8.1	12.1#

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#83

Benzo(a)anthracene

Concen: 0.055 ng/ul

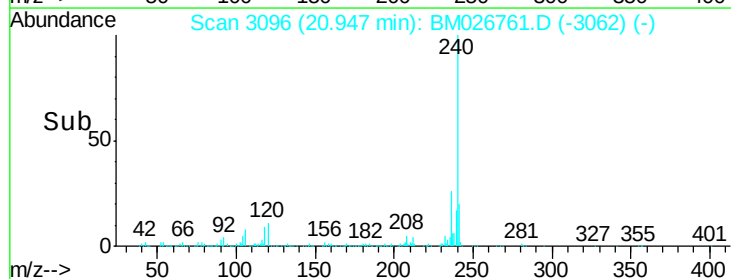
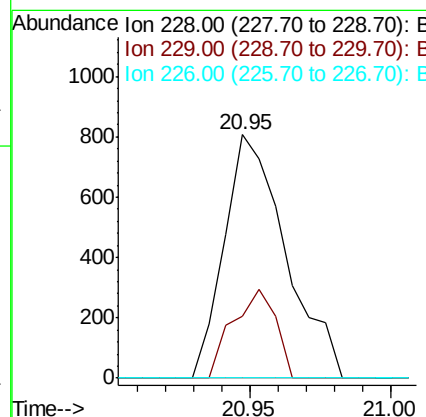
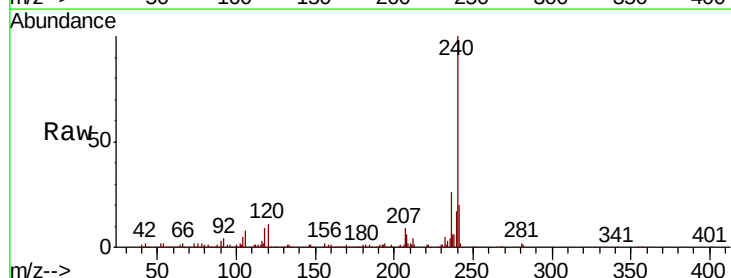
RT: 20.95 min Scan# 3096

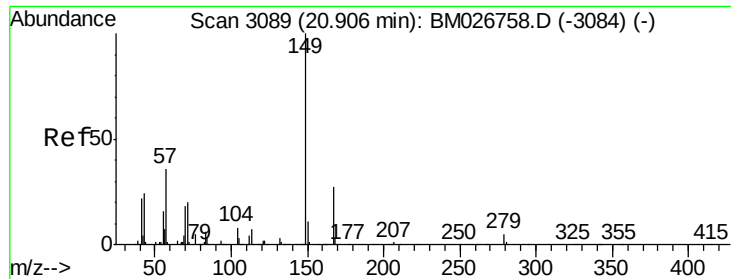
Delta R.T. 0.00 min

Lab File: BM026761.D

Acq: 14 Jul 2020 20:50

Tgt Ion:	228	Resp:	1219
Ion Ratio	Lower	Upper	
228	100		
229	25.3	15.4	23.0#
226	0.0	21.2	31.8#





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.040 ng/ul

RT: 20.91 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM026761.D

Acq: 14 Jul 2020 20:50

Instrument :

BNA_M

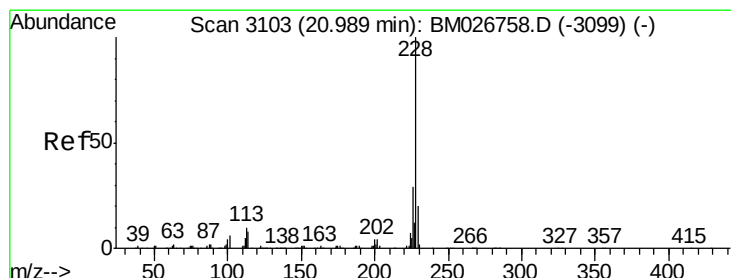
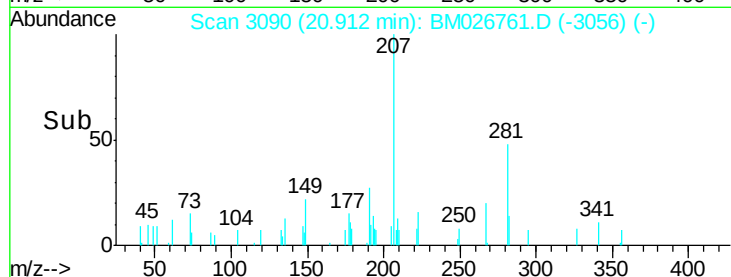
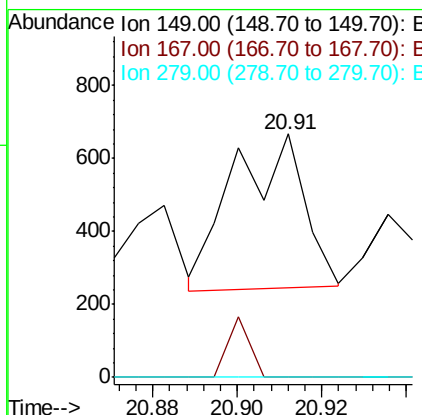
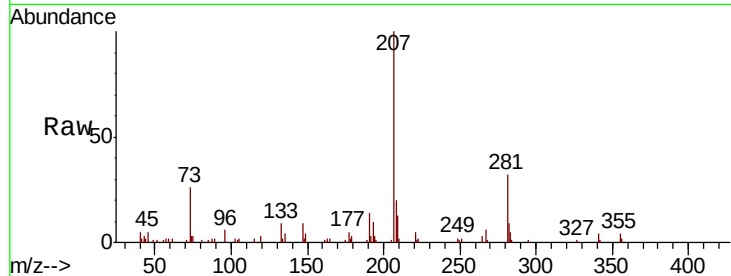
ClientSampleId :

SBLK65

Tot Ion:	149	Resp:	491
Ion Ratio	Lower	Upper	
149	100		
167	0.0	22.1	33.1#
279	0.0	3.6	5.4#

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#85

Chrysene

Concen: 0.055 ng/ul

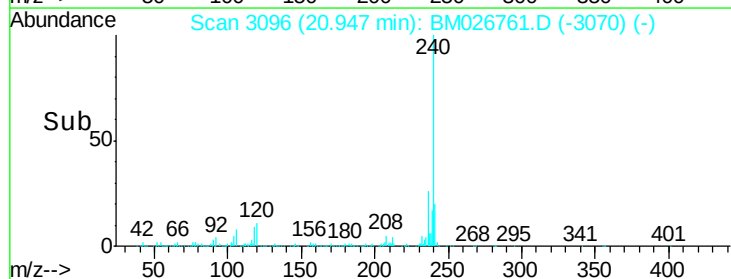
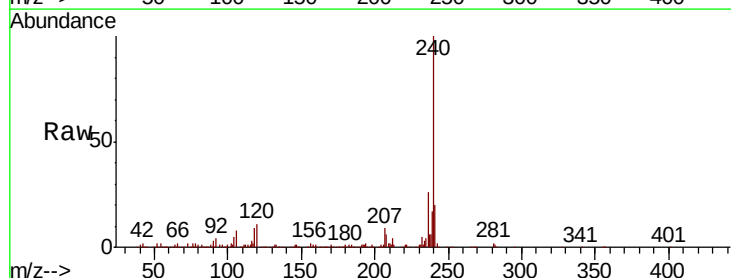
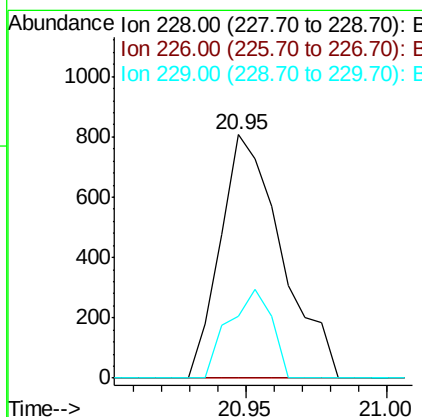
RT: 20.95 min Scan# 3096

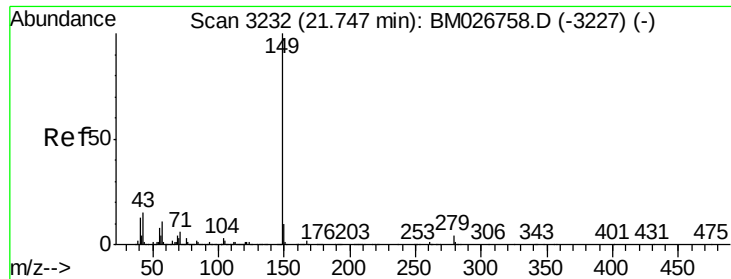
Delta R.T. -0.04 min

Lab File: BM026761.D

Acq: 14 Jul 2020 20:50

Tgt Ion:	228	Resp:	1219
Ion Ratio	Lower	Upper	
228	100		
226	0.0	23.0	34.6#
229	25.3	15.5	23.3#





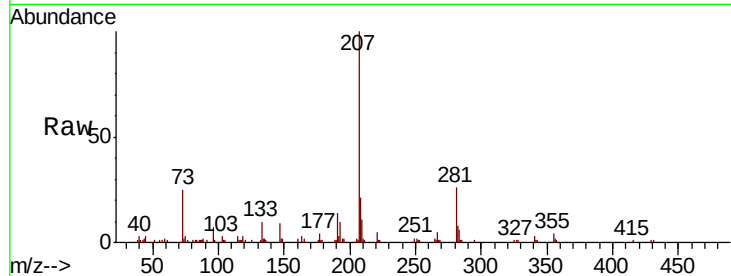
#87
Di-n-octyl phthalate
Concen: 0.012 ng/ul
RT: 21.75 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BM026761.D
Acq: 14 Jul 2020 20:50

Instrument :
BNA_M
ClientSampleId :
SBLK65

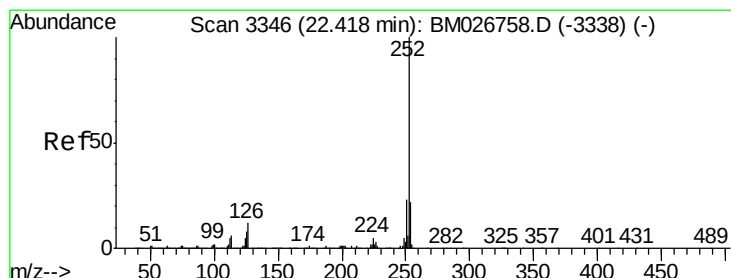
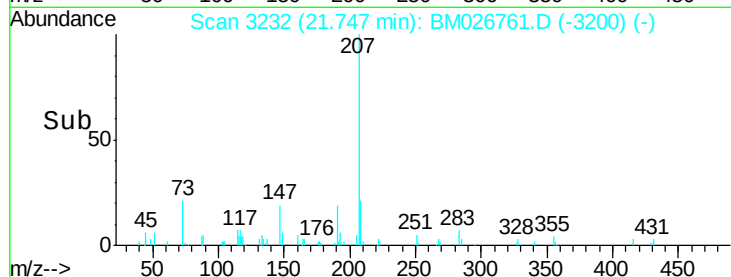
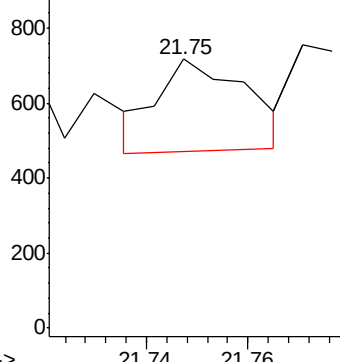
Tgt Ion:149 Resp: 297

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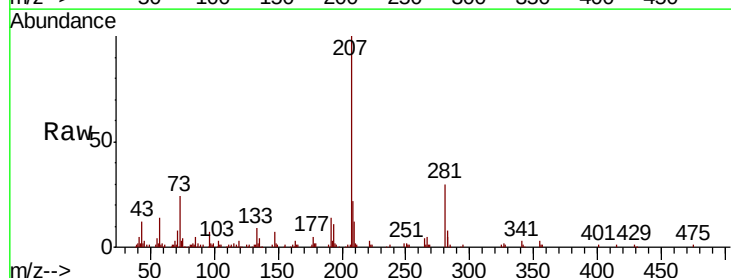


Abundance Ion 149.00 (148.70 to 149.70): E

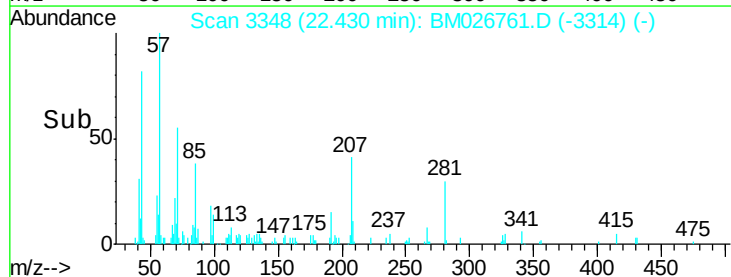
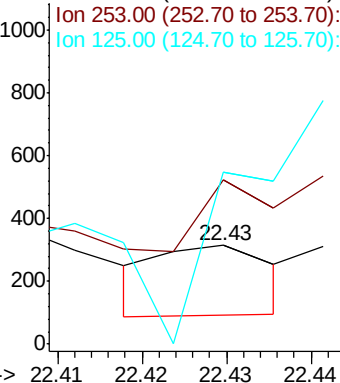


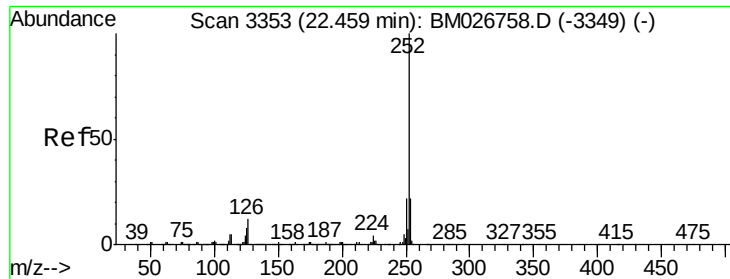
#88
Benzo(b)fluoranthene
Concen: 0.008 ng/ul
RT: 22.43 min Scan# 3348
Delta R.T. 0.00 min
Lab File: BM026761.D
Acq: 14 Jul 2020 20:50

Tgt Ion:252 Resp: 209
Ion Ratio Lower Upper
252 100
253 166.9 17.2 25.8#
125 174.8 7.6 11.4#



Abundance Ion 252.00 (251.70 to 252.70): E





#89

Benzo(k)fluoranthene

Concen: 0.020 ng/ul

RT: 22.46 min Scan# 3353

Delta R.T. -0.00 min

Lab File: BM026761.D

Acq: 14 Jul 2020 20:50

Instrument :

BNA_M

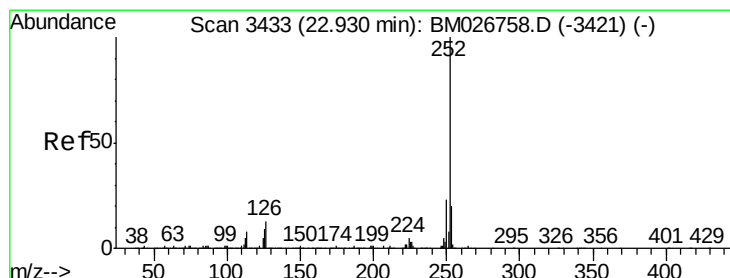
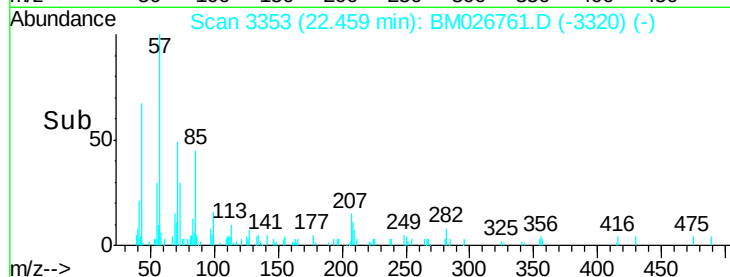
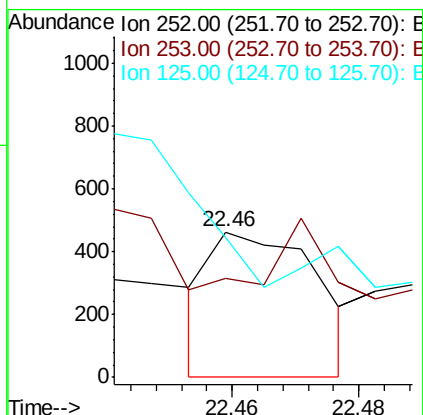
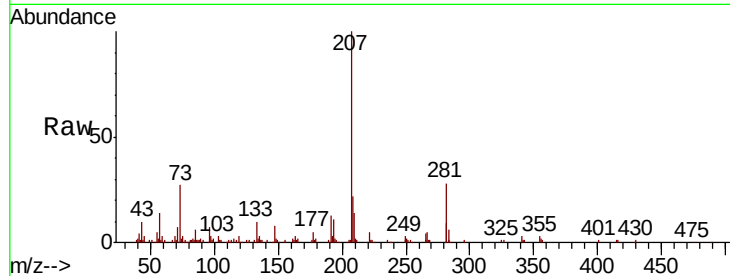
ClientSampled :

SBLK65

Tot Ion:	252	Resp:	536
Ion Ratio	Lower	Upper	
252	100		
253	68.5	17.1	25.7#
125	96.1	7.7	11.5#

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#91

Benzo(a)pyrene

Concen: 0.012 ng/ul

RT: 22.94 min Scan# 3435

Delta R.T. 0.00 min

Lab File: BM026761.D

Acq: 14 Jul 2020 20:50

Tgt Ion:	252	Resp:	293
Ion Ratio	Lower	Upper	
252	100		
253	170.3	17.4	26.0#
125	239.5	7.5	11.3#

