

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071420\
 Data File : BM026763.D
 Acq On : 14 Jul 2020 22:03
 Operator : JU/CG
 Sample : PB130165BL
 Misc : PBBL-SOIL-ME-03
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK65

Manual Integrations
 APPROVED

mohammad
 7/15/2020 10:58:53 AM

Quant Time: Jul 15 00:48:42 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	75664	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	305375	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	183440	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	380552	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	327617	20.00	ng/ul	0.00
86) Perylene-d12	23.02	264	382316	20.00	ng/ul	0.00

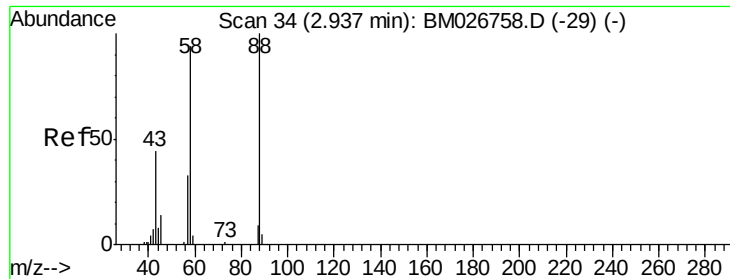
System Monitoring Compounds

3) 1,4-Dioxane-d8	2.90	96	16033	6.37	ng/uL	0.00
5) Phenol-d5	6.52	99	210727	30.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	155315	33.14	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	168100	31.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	166397	30.02	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	79522	32.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	88049	34.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	149027	29.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	211191	39.77	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	506093	34.58	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	571703	32.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.24	143	59418m	28.14	ng/ul	0.00
58) Fluorene-d10	14.98	176	425263	33.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	60750	25.55	ng/ul	0.00
71) Anthracene-d10	16.83	188	525671	28.05	ng/ul	0.00
79) Pyrene-d10	19.14	212	672774	39.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	700471	33.95	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	2.94	88	231	0.085	ng/uL# 32
4) Benzaldehyde	6.52	77	487	0.132	ng/ul# 8
8) Bis(2-Chloroethyl)ether	6.85	93	257	0.044	ng/ul# 1
20) Nitrobenzene	8.45	77	1205	0.158	ng/ul# 48
21) Isophorone	9.17	82	11161	0.872	ng/ul# 73
46) 2,6-Dinitrotoluene	13.41	165	2655	0.897	ng/ul# 29
59) Fluorene	14.98	166	1041	0.067	ng/ul# 8
61) 4-Nitroaniline	14.98	138	170	0.061	ng/ul# 1
65) N-Nitrosodiphenylamine	15.14	169	367	0.029	ng/ul# 1
76) Di-n-butylphthalate	17.74	149	337	0.015	ng/ul# 78
80) Pyrene	19.14	202	938	0.040	ng/ul# 1
81) Butylbenzylphthalate	20.11	149	65	0.008	ng/ul# 17
83) Benzo(a)anthracene	20.95	228	1030	0.046	ng/ul# 56
84) Bis(2-ethylhexyl)phthalate	20.91	149	532	0.043	ng/ul# 53
85) Chrysene	20.95	228	1030	0.046	ng/ul# 54
87) Di-n-octyl phthalate	21.75	149	122	0.005	ng/ul 100
88) Benzo(b)fluoranthene	22.42	252	401	0.015	ng/ul# 1
89) Benzo(k)fluoranthene	22.45	252	246	0.010	ng/ul# 1
91) Benzo(a)pyrene	22.93	252	160	0.007	ng/ul# 1

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



#2

1,4-Dioxane

Concen: 0.085 ng/uL

RT: 2.94 min Scan# 35

Delta R.T. 0.01 min

Lab File: BM026763.D

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Instrument :

BNA_M

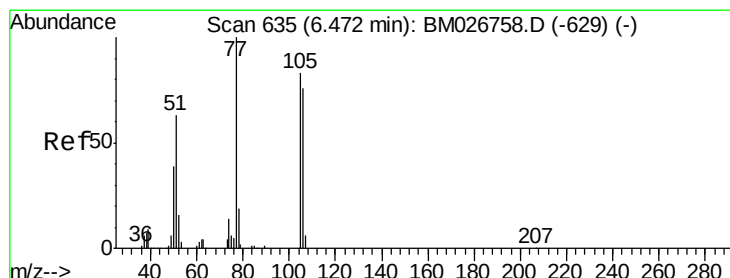
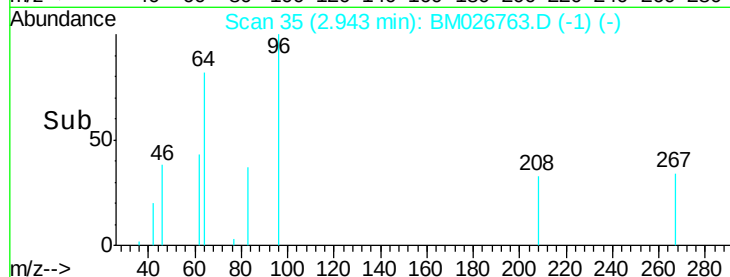
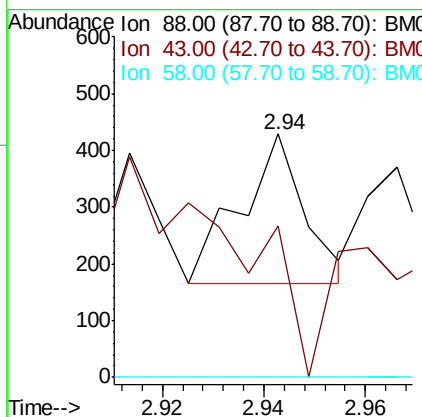
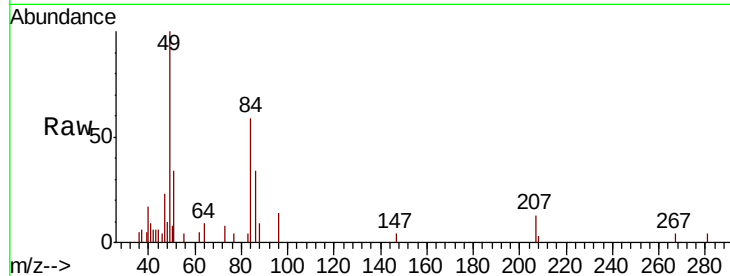
ClientSampled :

SBLK65

Tot Ion:	88	Resp:	231
Ion	Ratio	Lower	Upper
88	100		
43	62.5	38.2	57.2#
58	0.0	68.9	103.3#

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#4

Benzaldehyde

Concen: 0.132 ng/uL

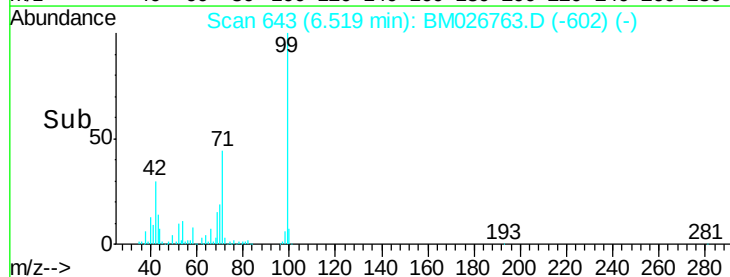
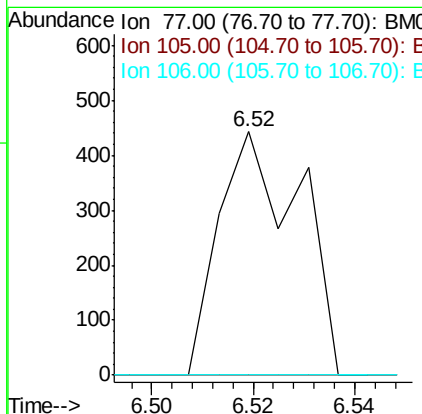
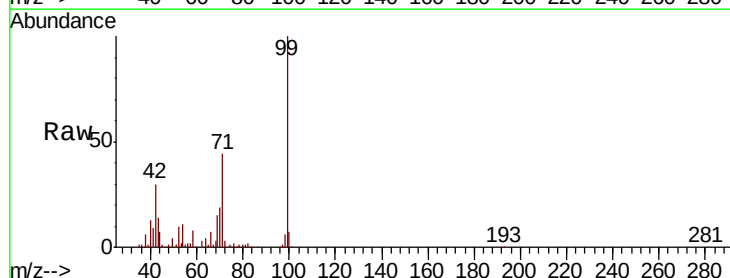
RT: 6.52 min Scan# 643

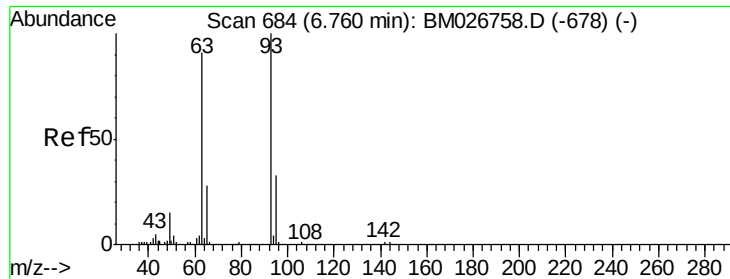
Delta R.T. 0.04 min

Lab File: BM026763.D

Acq: 14 Jul 2020 22:03

Tgt Ion:	77	Resp:	487
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: 0.044 ng/ul

RT: 6.85 min Scan# 699

Delta R.T. 0.09 min

Lab File: BM026763.D

Acq: 14 Jul 2020 22:03

Instrument :

BNA_M

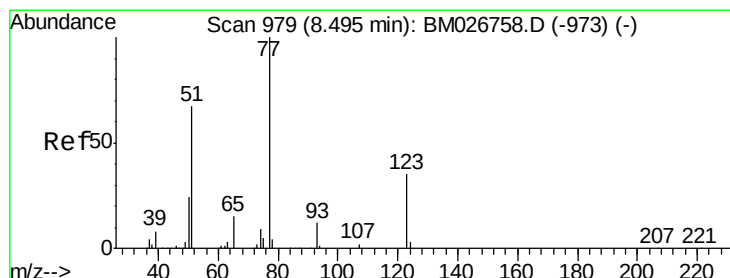
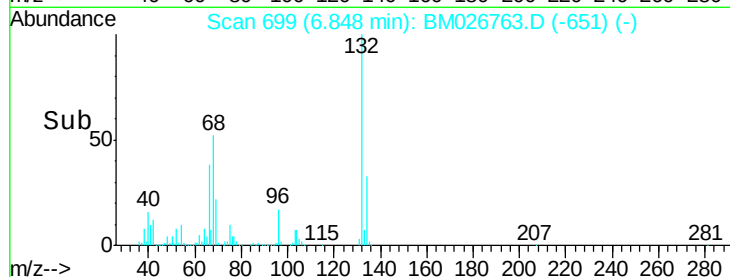
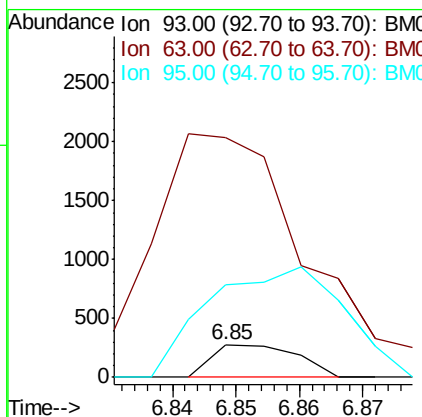
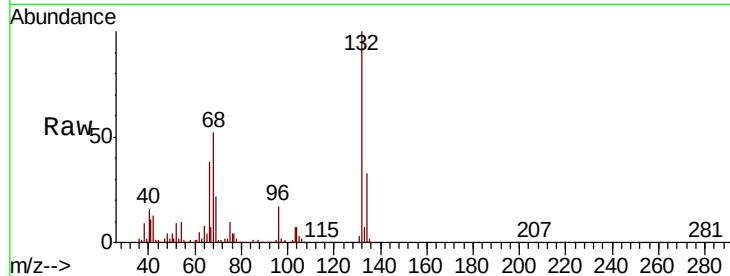
ClientSampleId :

SBLK65

Tot Ion:	93	Resp:	257
Ion	Ratio	Lower	Upper
93	100		
63	737.3	75.5	113.3#
95	283.7	25.2	37.8#

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#20

Nitrobenzene

Concen: 0.158 ng/ul

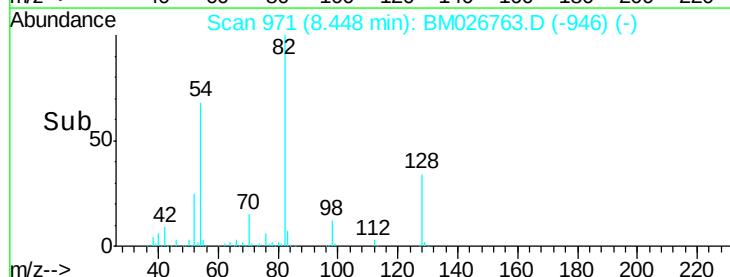
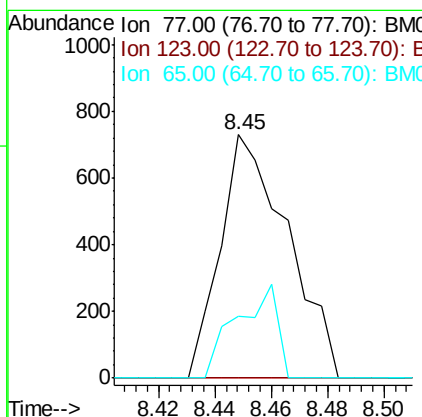
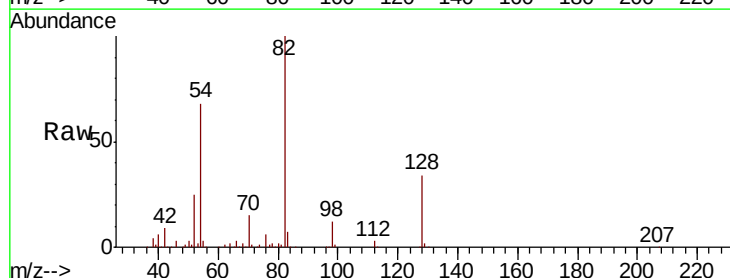
RT: 8.45 min Scan# 971

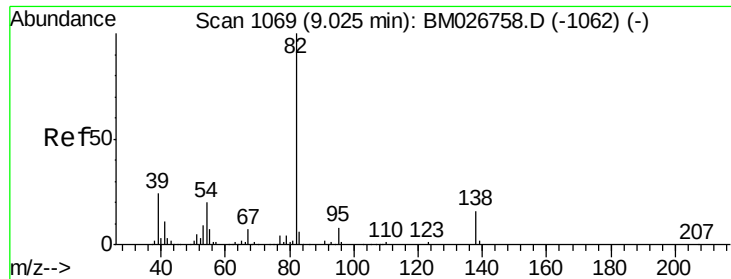
Delta R.T. -0.05 min

Lab File: BM026763.D

Acq: 14 Jul 2020 22:03

Tgt Ion:	77	Resp:	1205
Ion	Ratio	Lower	Upper
77	100		
123	0.0	29.8	44.8#
65	25.3	11.8	17.6#





#21

Isophorone

Concen: 0.872 ng/ul

RT: 9.17 min Scan# 1093

Delta R.T. 0.14 min

Lab File: BM026763.D

Acq: 14 Jul 2020 22:03

Instrument :

BNA_M

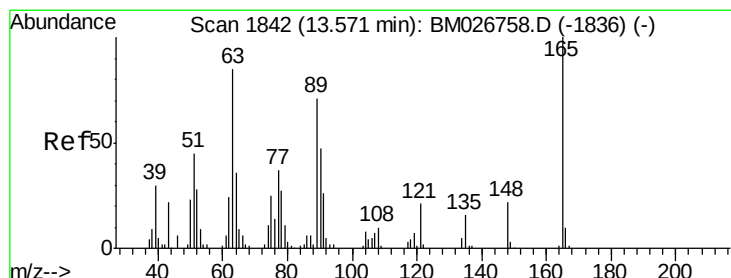
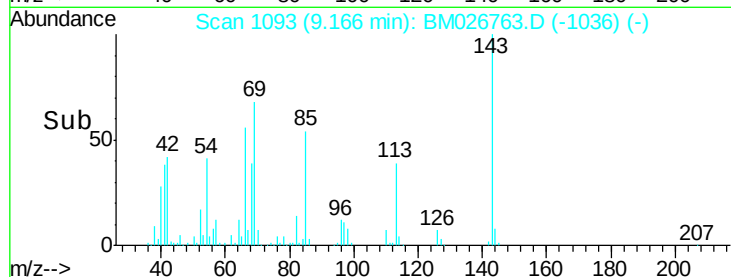
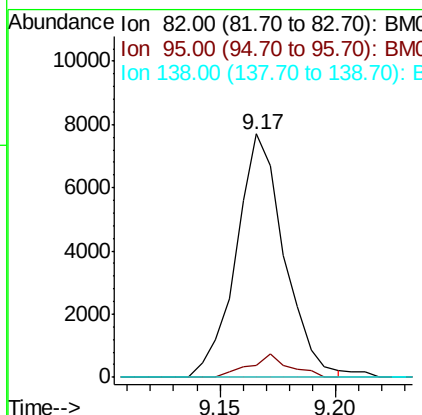
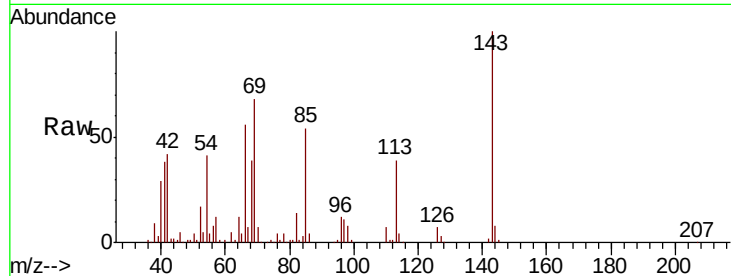
ClientSampled :

SBLK65

Tot Ion:	82	Resp:	11161
Ion Ratio	Lower	Upper	
82	100		
95	4.6	6.4	9.6#
138	0.0	12.2	18.4#

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#46

2,6-Dinitrotoluene

Concen: 0.897 ng/ul

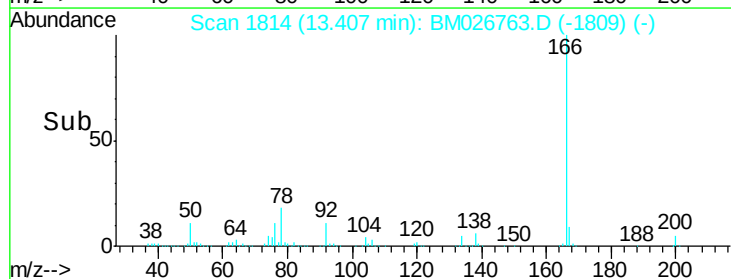
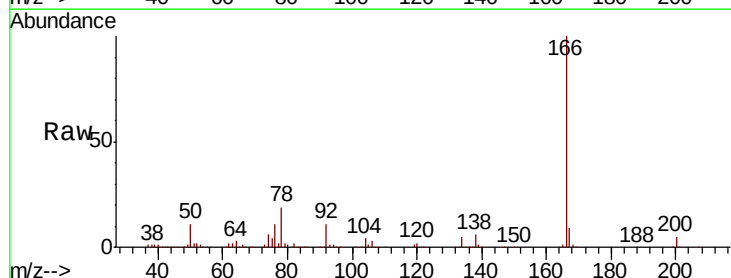
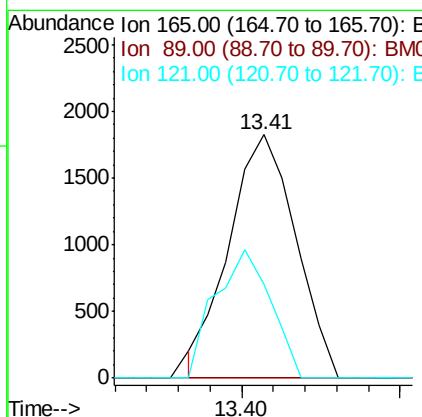
RT: 13.41 min Scan# 1814

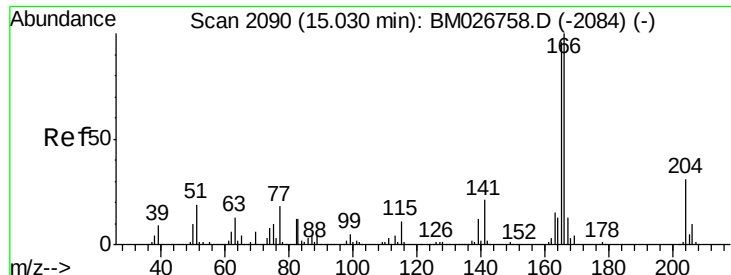
Delta R.T. -0.17 min

Lab File: BM026763.D

Acq: 14 Jul 2020 22:03

Tgt Ion:	165	Resp:	2655
Ion Ratio	Lower	Upper	
165	100		
89	0.0	54.2	81.4#
121	38.4	18.2	27.4#





#59

Fluorene

Concen: 0.067 ng/ul

RT: 14.98 min Scan# 2081

Delta R.T. -0.06 min

Lab File: BM026763.D

Acq: 14 Jul 2020 22:03

Instrument :

BNA_M

ClientSampled :

SBLK65

Tot Ion:166 Resp: 1041

Ion Ratio Lower Upper

166 100

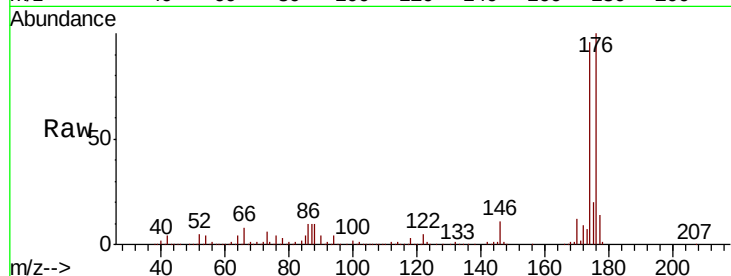
165 0.0 77.0 115.4#

167 30.8 10.7 16.1#

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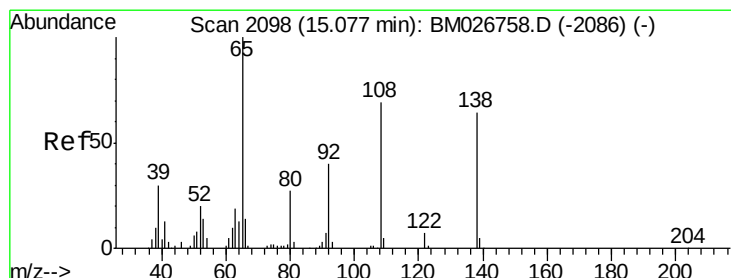
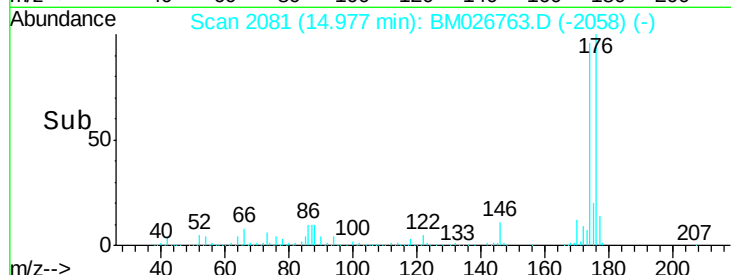
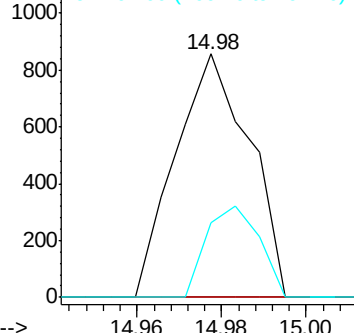
7/15/2020 10:58:53 AM



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



#61

4-Nitroaniline

Concen: 0.061 ng/ul

RT: 14.98 min Scan# 2081

Delta R.T. -0.10 min

Lab File: BM026763.D

Acq: 14 Jul 2020 22:03

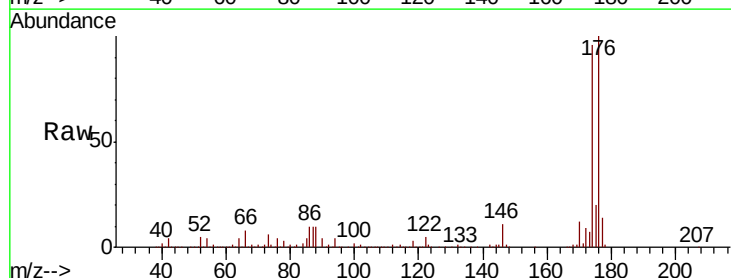
Tgt Ion:138 Resp: 170

Ion Ratio Lower Upper

138 100

92 1413.9 47.7 71.5#

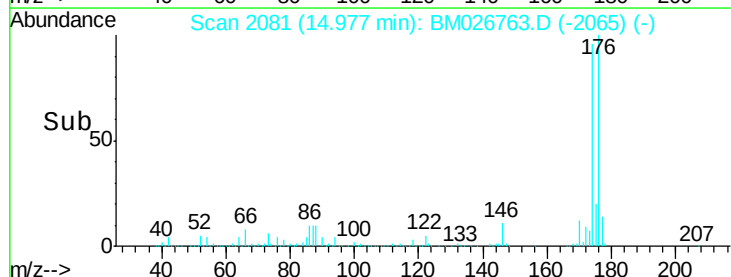
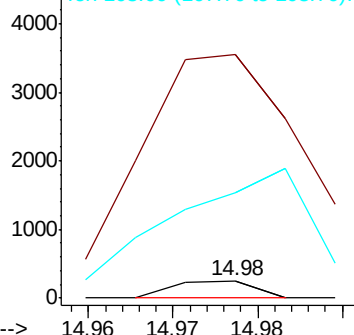
108 608.8 82.6 123.8#

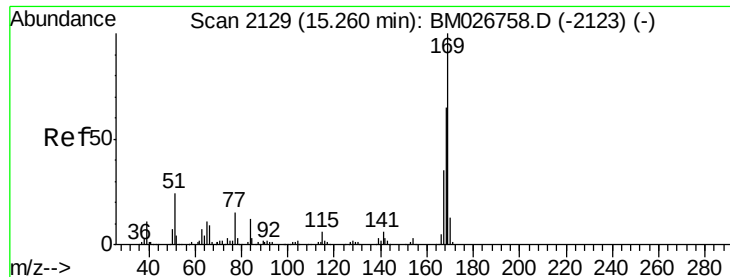


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





#65

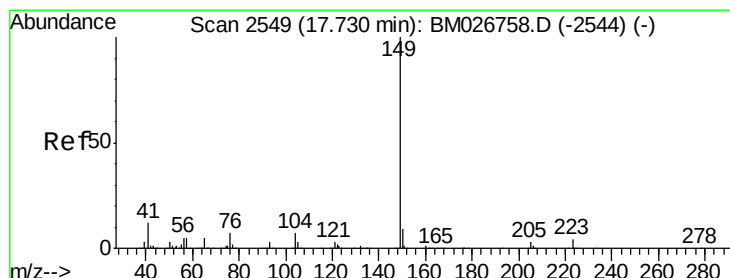
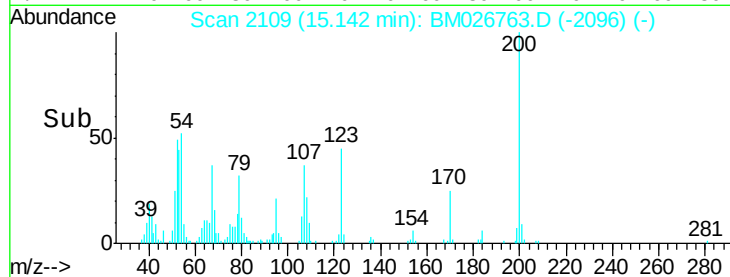
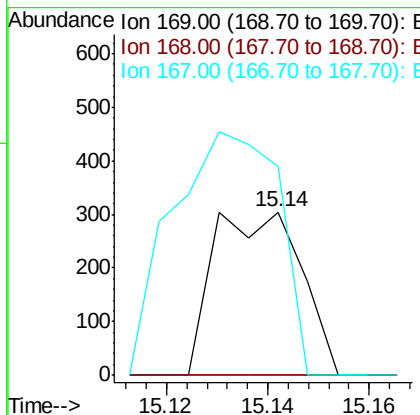
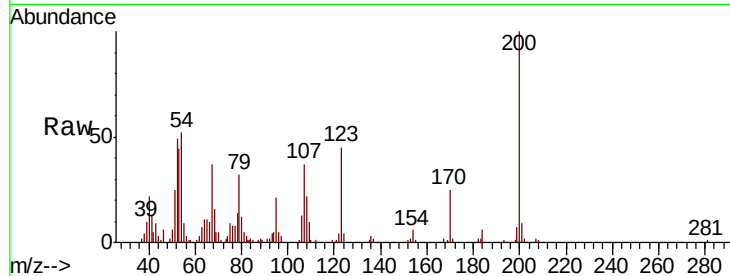
N-Nitrosodiphenylamine
Concen: 0.029 ng/ul
RT: 15.14 min Scan# 2109
Delta R.T. -0.12 min
Lab File: BM026763.D
Acq: 14 Jul 2020 22:03

Instrument :
BNA_M
ClientSampleId :
SBLK65

Tot Ion	Ratio	Lower	Upper
169	100		
168	0.0	51.7	77.5#
167	127.9	28.4	42.6#

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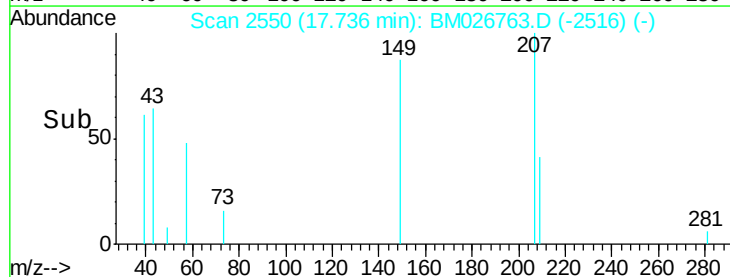
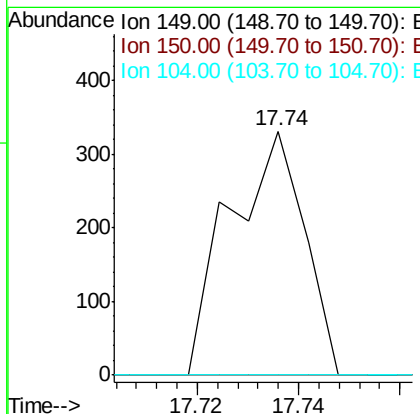
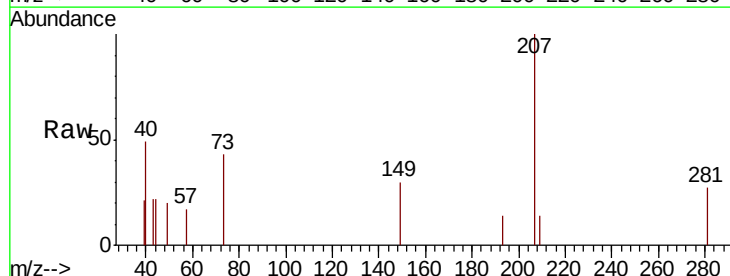
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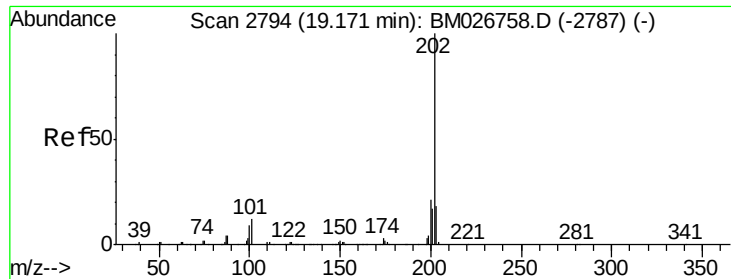


#76

Di-n-butylphthalate
Concen: 0.015 ng/ul
RT: 17.74 min Scan# 2550
Delta R.T. 0.00 min
Lab File: BM026763.D
Acq: 14 Jul 2020 22:03

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





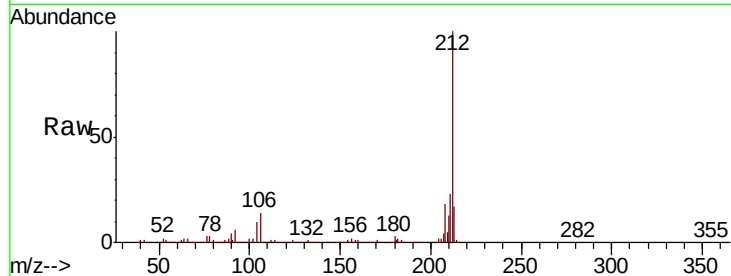
#80
Pvrene
Concen: 0.040 ng/ul
RT: 19.14 min Scan# 2788
Delta R.T. -0.04 min
Lab File: BM026763.D
Acq: 14 Jul 2020 22:03

Instrument :
BNA_M
ClientSampled :
SBLK65

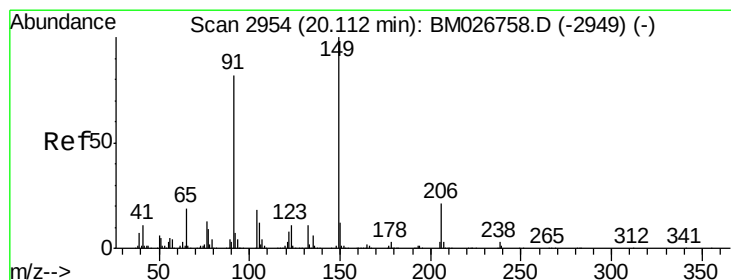
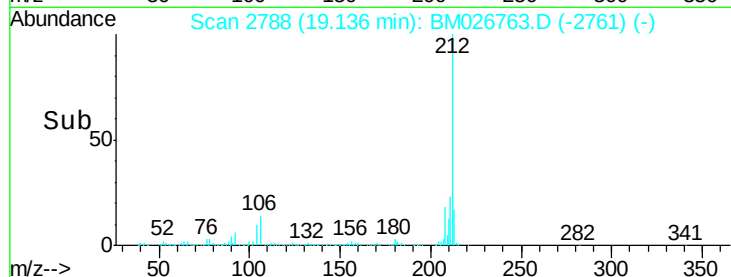
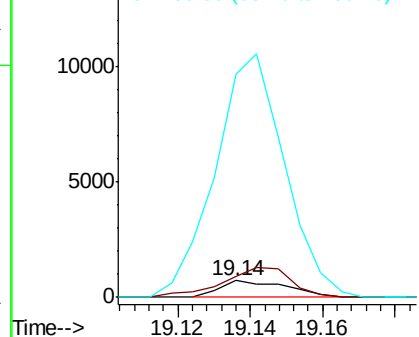
Tot Ion:202 Resp: 938
Ion Ratio Lower Upper
202 100
101 125.0 9.4 14.2#
100 1359.2 8.0 12.0#

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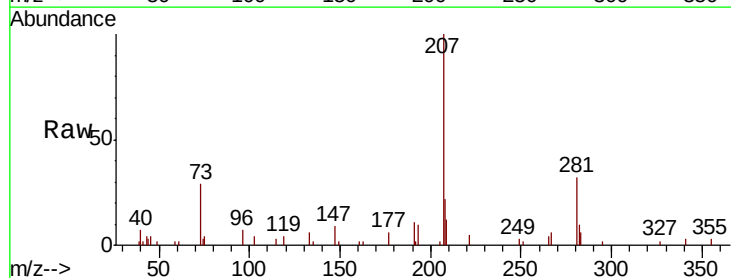


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

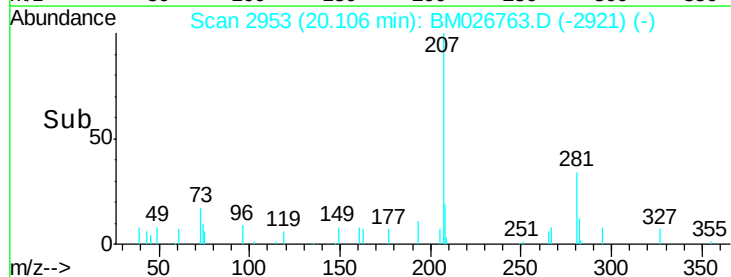
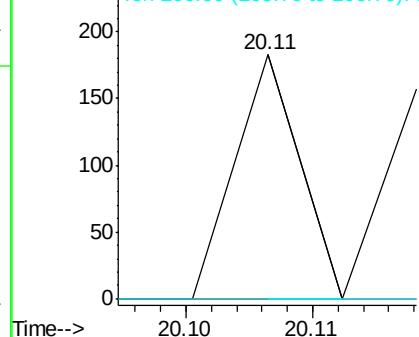


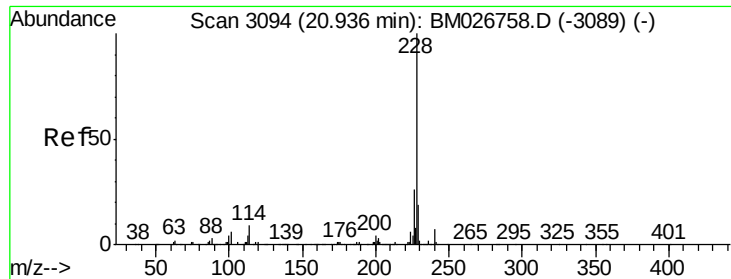
#81
Butylbenzylphthalate
Concen: 0.008 ng/ul
RT: 20.11 min Scan# 2953
Delta R.T. -0.01 min
Lab File: BM026763.D
Acq: 14 Jul 2020 22:03

Tgt Ion:149 Resp: 65
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





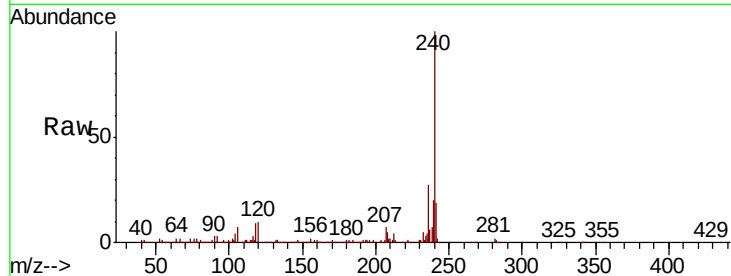
#83
 Benzo(a)anthracene
 Concen: 0.046 ng/ul
 RT: 20.95 min Scan# 3097
 Delta R.T. 0.01 min
 Lab File: BM026763.D
 Acq: 14 Jul 2020 22:03

Instrument :
 BNA_M
 ClientSampled :
 SBLK65

Tot Ion	Ratio	Lower	Upper
228	100		
229	34.7	15.4	23.0#
226	0.0	21.2	31.8#

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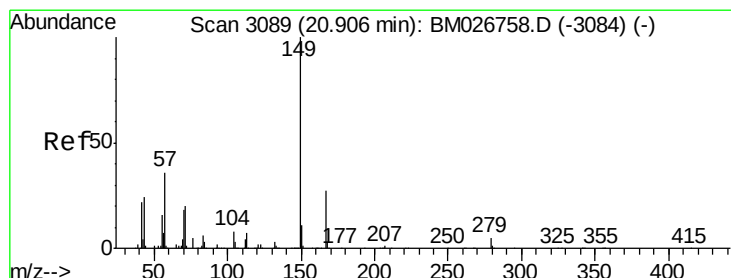
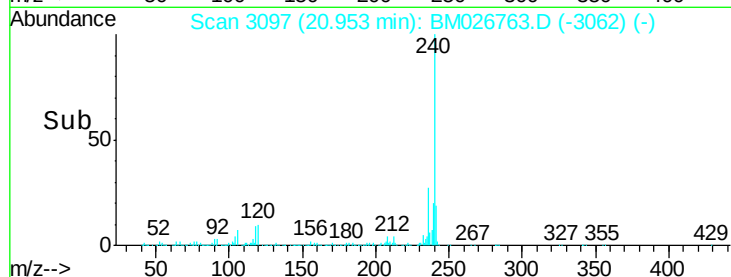
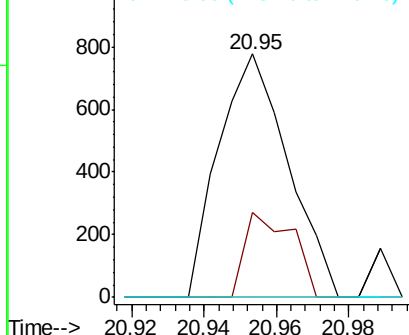


Abundance

Ion 228.00 (227.70 to 228.70): E

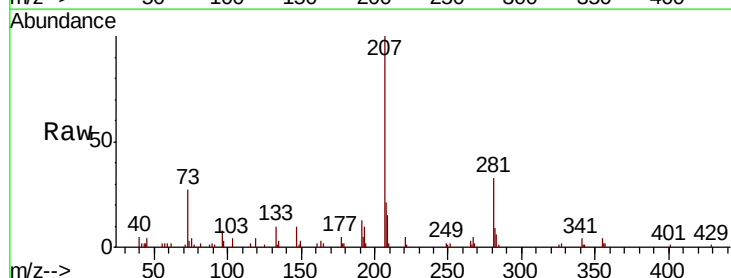
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.043 ng/ul
 RT: 20.91 min Scan# 3089
 Delta R.T. -0.00 min
 Lab File: BM026763.D
 Acq: 14 Jul 2020 22:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.1	33.1#
279	0.0	3.6	5.4#

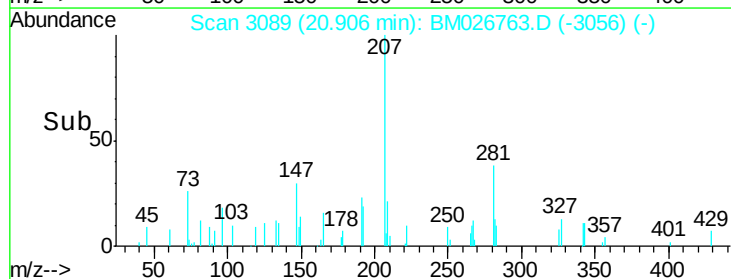
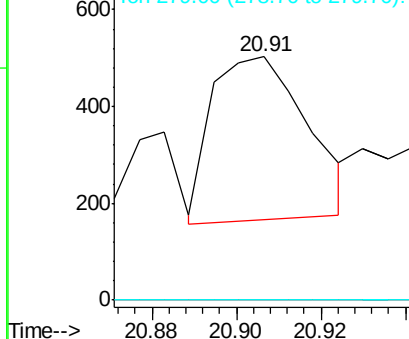


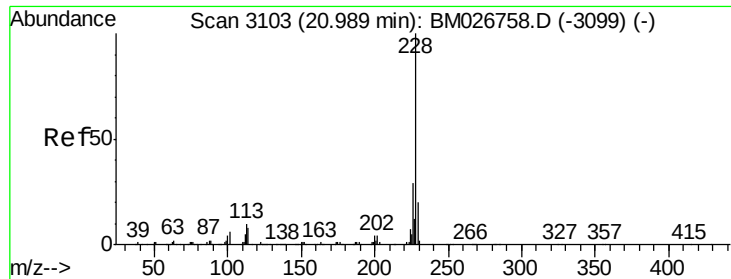
Abundance

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





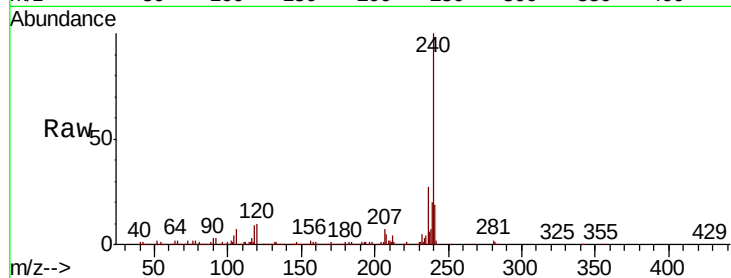
#85
Chrysene
Concen: 0.046 ng/ul
RT: 20.95 min Scan# 3097
Delta R.T. -0.04 min
Lab File: BM026763.D
Acq: 14 Jul 2020 22:03

Instrument :
BNA_M
ClientSampled :
SBLK65

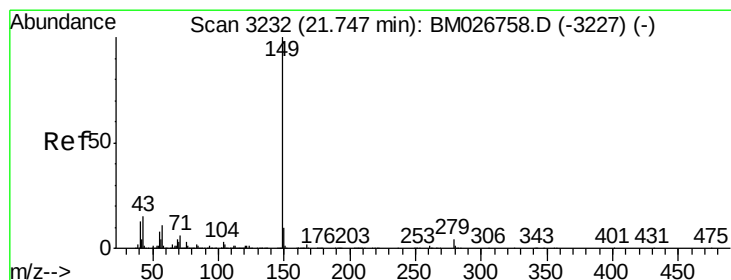
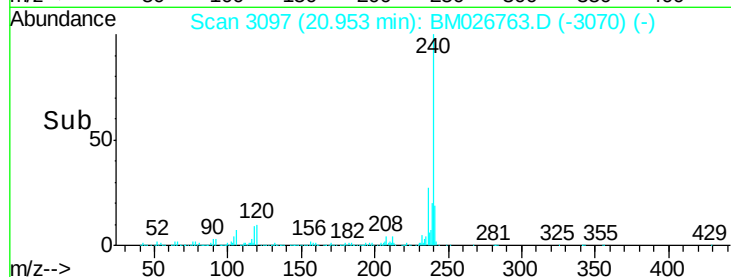
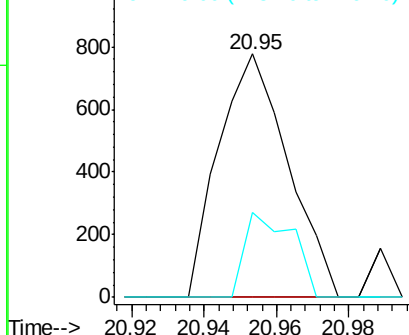
Tot Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.0	34.6#
229	34.7	15.5	23.3#

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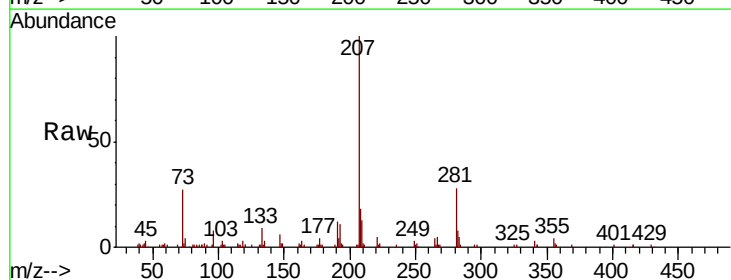


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

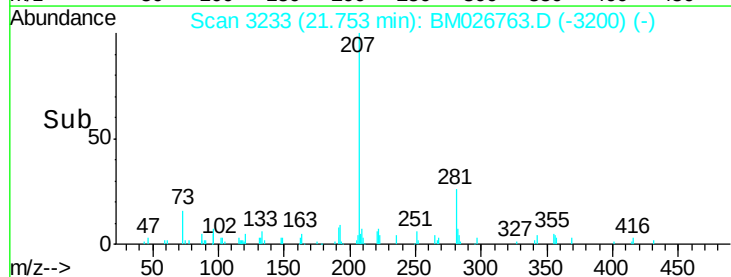
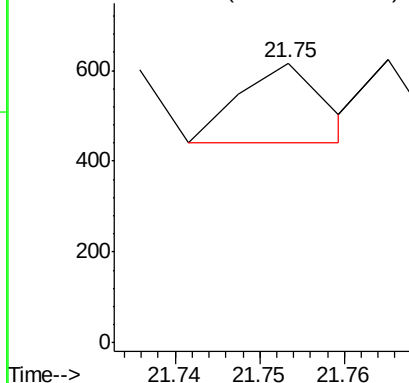


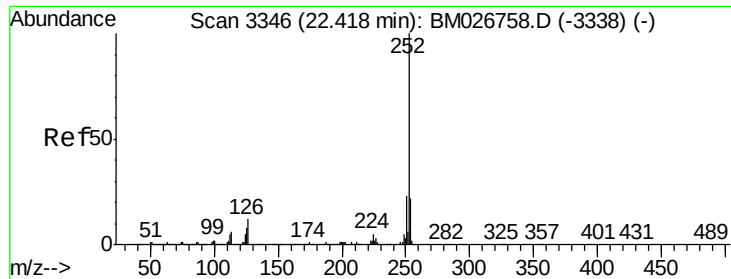
#87
Di-n-octyl phthalate
Concen: 0.005 ng/ul
RT: 21.75 min Scan# 3233
Delta R.T. -0.00 min
Lab File: BM026763.D
Acq: 14 Jul 2020 22:03

Tgt Ion:149 Resp: 122



Abundance Ion 149.00 (148.70 to 149.70): E





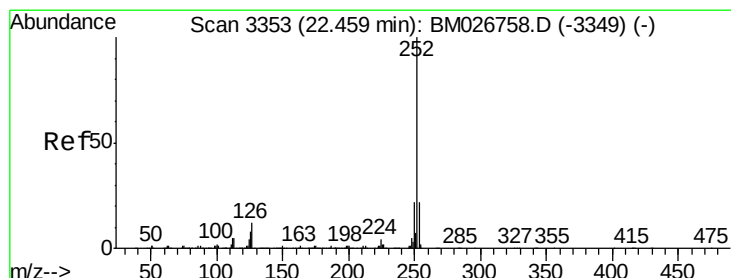
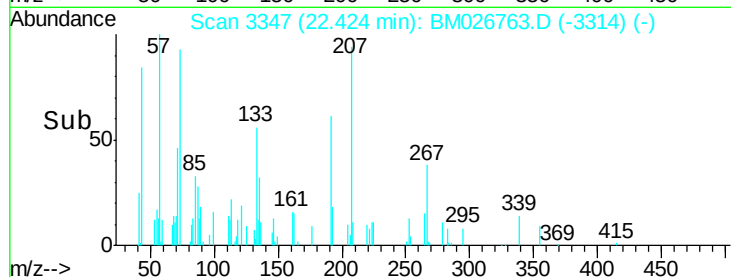
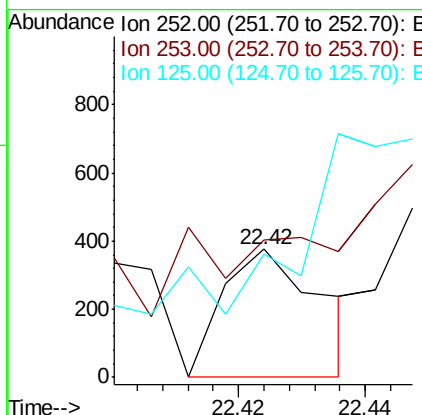
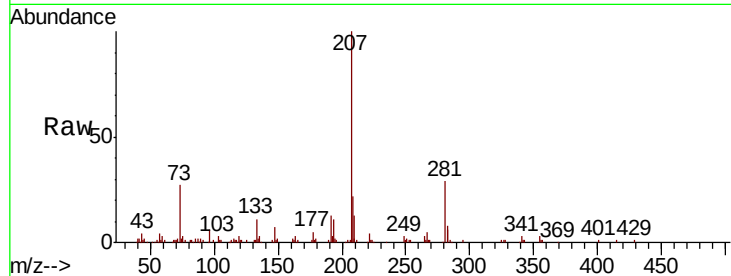
#88
Benzo(b)fluoranthene
Concen: 0.015 ng/ul
RT: 22.42 min Scan# 3347
Delta R.T. -0.00 min
Lab File: BM026763.D
Acq: 14 Jul 2020 22:03

Instrument :
BNA_M
ClientSampled :
SBLK65

Tot Ion	Ratio	Lower	Upper
252	100		
253	107.7	17.2	25.8#
125	96.3	7.6	11.4#

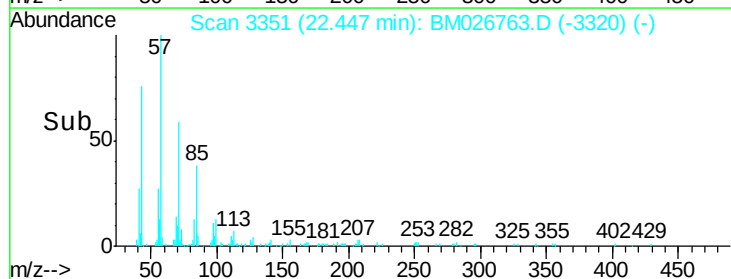
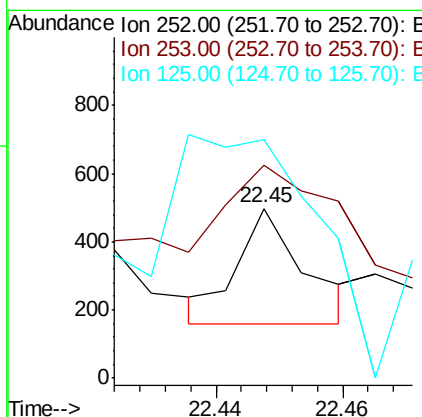
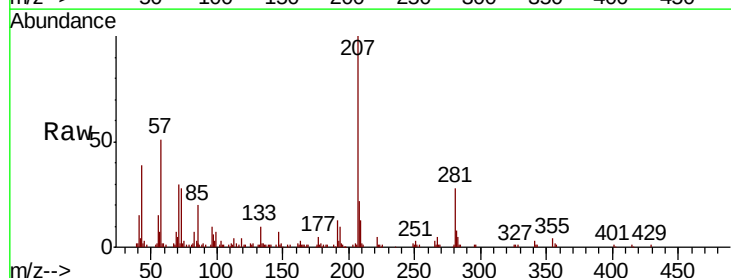
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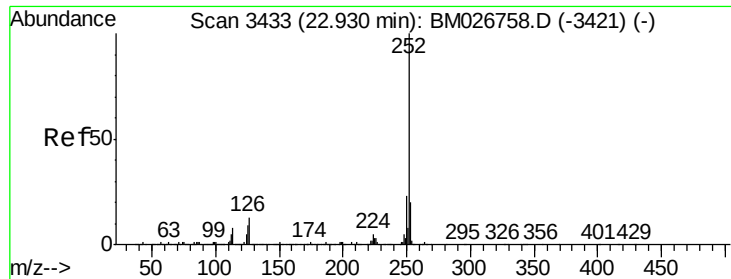
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#89
Benzo(k)fluoranthene
Concen: 0.010 ng/ul
RT: 22.45 min Scan# 3351
Delta R.T. -0.01 min
Lab File: BM026763.D
Acq: 14 Jul 2020 22:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	125.3	17.1	25.7#
125	139.9	7.7	11.5#





#91
Benzo(a)pyrene
Concen: 0.007 ng/ul
RT: 22.93 min Scan# 3433
Delta R.T. -0.01 min
Lab File: BM026763.D
Acq: 14 Jul 2020 22:03

Instrument :
BNA_M
ClientSampleId :
SBLK65

Tot Ion	Ratio	Lower	Upper
252	100		
253	119.6	17.4	26.0#
125	138.7	7.5	11.3#

Manual Integrations
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