

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071420\
 Data File : BM026752.D
 Acq On : 14 Jul 2020 14:44
 Operator : JU/CG
 Sample : PB130124BL
 Misc : PBBL-WATER-01
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SBLK24

Manual Integrations
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mohammad
 7/15/2020 10:58:23 AM

Quant Time: Jul 14 15:20:24 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	60477	20.00	ng/ul	0.00
18) Naphthalene-d8	10.07	136	235089	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	137657	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	287525	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	277170	20.00	ng/ul	0.00
86) Perylene-d12	23.02	264	339567	20.00	ng/ul	0.00

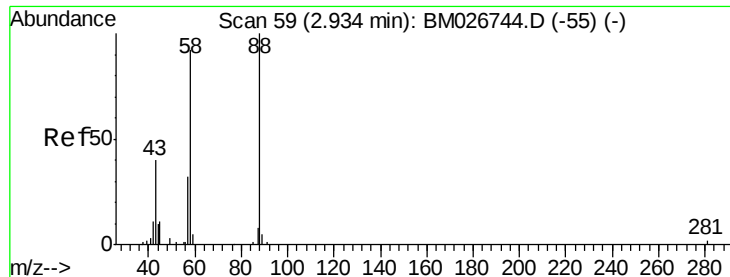
System Monitoring Compounds

3) 1,4-Dioxane-d8	2.91	96	12407	6.16	ng/uL	0.00
5) Phenol-d5	6.52	99	164714	29.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	122463	32.69	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	132165	31.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	127001	28.67	ng/ul	0.00
19) Nitrobenzene-d5	8.46	128	59277	31.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	66663	33.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	116599	30.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	160596	39.29	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	374957	34.15	ng/ul	0.00
47) Acenaphthylene-d8	13.66	160	429087	32.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.24	143	41527m	26.20	ng/ul	0.00
58) Fluorene-d10	14.98	176	315315	32.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.14	200	46403	25.83	ng/ul	0.00
71) Anthracene-d10	16.83	188	403745	28.51	ng/ul	0.00
79) Pyrene-d10	19.14	212	535714	37.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	614728	33.54	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	2.94	88	133	0.061	ng/uL# 38
4) Benzaldehyde	6.52	77	360	0.122	ng/ul# 8
15) N-Nitroso-di-n-propylamine	8.04	70	4263	0.961	ng/ul# 1
20) Nitrobenzene	8.46	77	890	0.152	ng/ul# 45
21) Isophorone	9.17	82	8038	0.816	ng/ul# 73
46) 2,6-Dinitrotoluene	13.41	165	2170	0.977	ng/ul# 21
57) Diethylphthalate	14.83	149	142	0.012	ng/ul# 60
59) Fluorene	14.98	166	733	0.063	ng/ul# 5
61) 4-Nitroaniline	14.97	138	124	0.059	ng/ul# 1
65) N-Nitrosodiphenylamine	15.14	169	520	0.054	ng/ul# 28
76) Di-n-butylphthalate	17.74	149	270	0.015	ng/ul# 78
80) Pyrene	19.15	202	700	0.036	ng/ul# 1
81) Butylbenzylphthalate	20.12	149	149	0.021	ng/ul# 17
83) Benzo(a)anthracene	20.95	228	895	0.047	ng/ul# 61
84) Bis(2-ethylhexyl)phthalate	20.91	149	241	0.023	ng/ul# 53
85) Chrysene	20.98	228	58	0.003	ng/ul# 50
87) Di-n-octyl phthalate	21.76	149	566	0.027	ng/ul 100
88) Benzo(b)fluoranthene	22.42	252	136	0.006	ng/ul# 1
89) Benzo(k)fluoranthene	22.45	252	44	0.002	ng/ul# 1
91) Benzo(a)pyrene	22.95	252	146	0.007	ng/ul# 1

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



#2

1,4-Dioxane

Concen: 0.061 ng/uL

RT: 2.94 min Scan# 34

Delta R.T. 0.00 min

Lab File: BM026752.D

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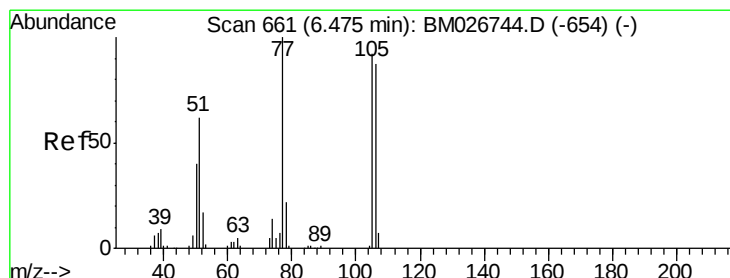
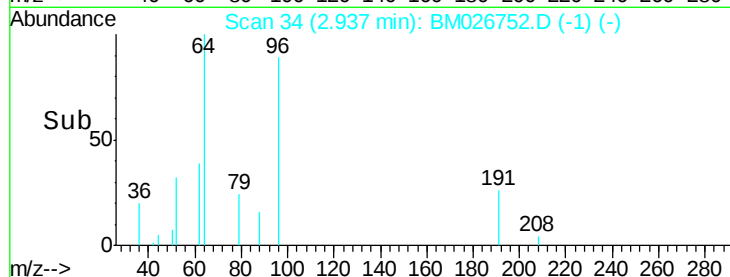
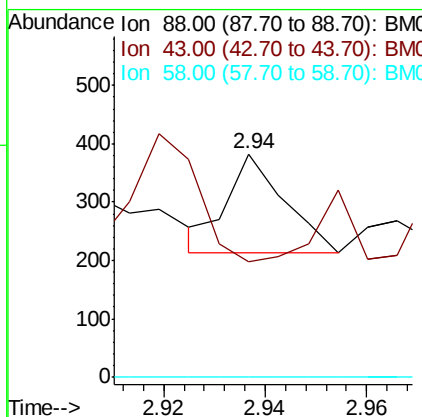
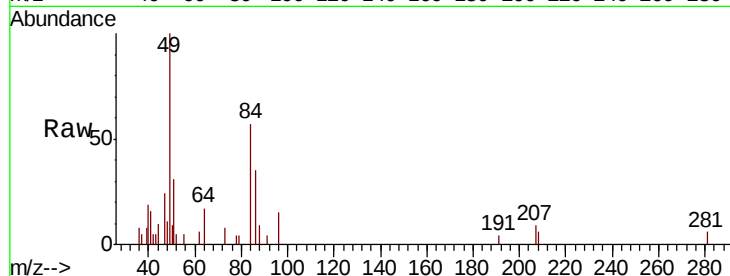
ClientSampled :

SBLK24

Tot Ion:	88	Resp:	133
Ion	Ratio	Lower	Upper
88	100		
43	51.7	38.2	57.2
58	0.0	68.9	103.3#

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#4

Benzaldehyde

Concen: 0.122 ng/uL

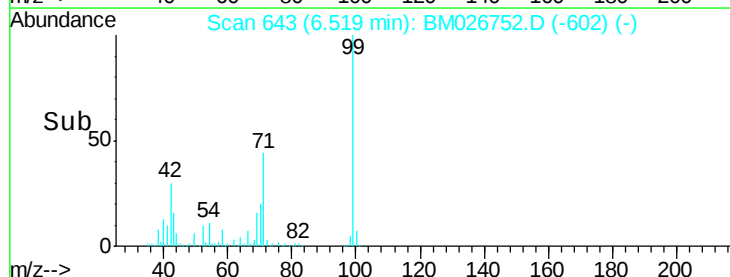
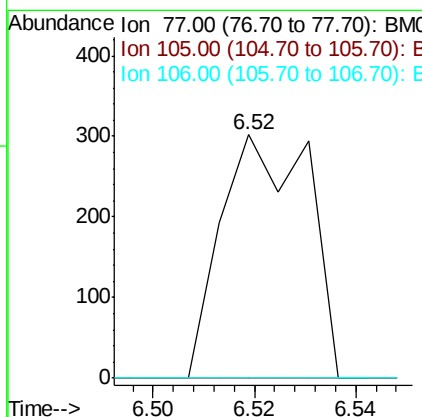
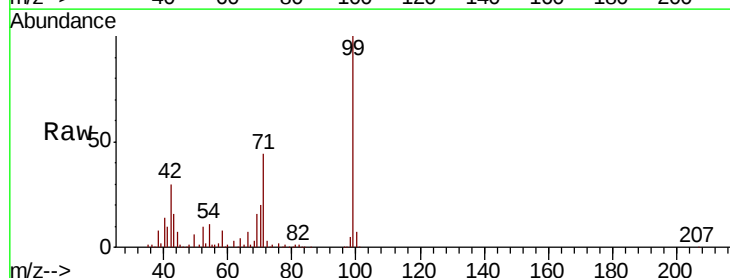
RT: 6.52 min Scan# 643

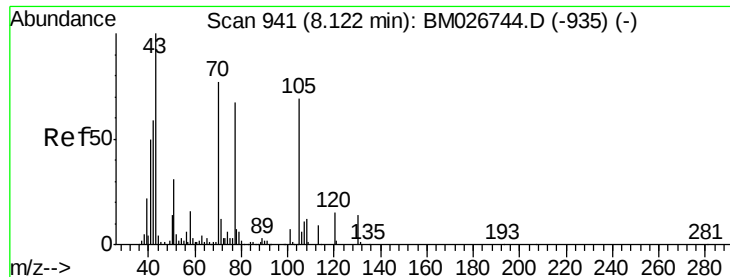
Delta R.T. 0.04 min

Lab File: BM026752.D

Acq: 14 Jul 2020 14:44

Tgt Ion:	77	Resp:	360
Ion	Ratio	Lower	Upper
77	100		
105	0.0	67.5	101.3#
106	0.0	66.2	99.4#





#15

N-Nitroso-di-n-propylamine

Concen: 0.961 ng/ul

RT: 8.04 min Scan# 901

Delta R.T. -0.09 min

Lab File: BM026752.D

Acq: 14 Jul 2020 14:44

Instrument :

BNA_M

ClientSampleId :

SBLK24

Tot Ion: 70 Resp: 4263

Ion Ratio Lower Upper

70 100

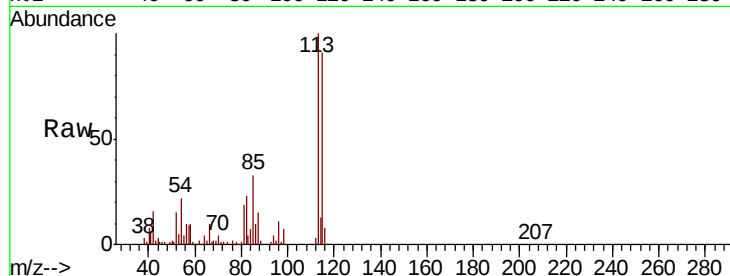
42 453.1 58.5 87.7#

101 0.0 7.0 10.4#

130 0.0 13.2 19.8#

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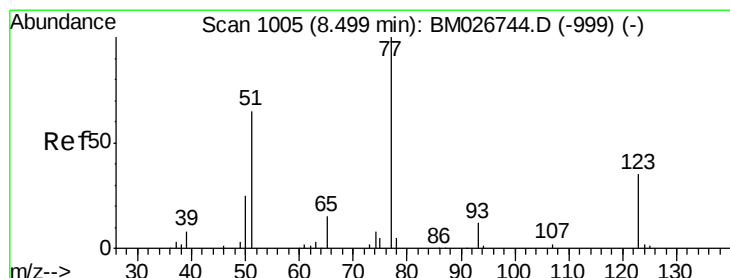
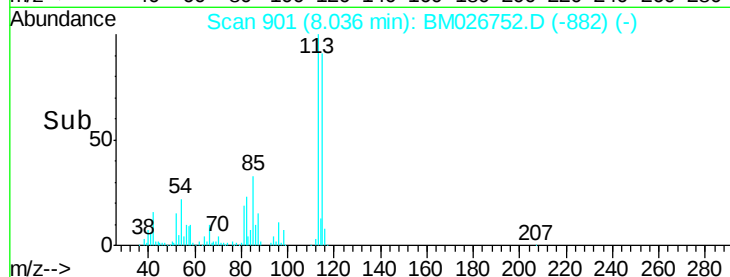
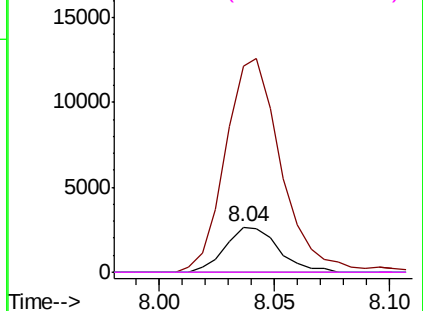
Abundance

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: 0.152 ng/ul

RT: 8.46 min Scan# 973

Delta R.T. -0.04 min

Lab File: BM026752.D

Acq: 14 Jul 2020 14:44

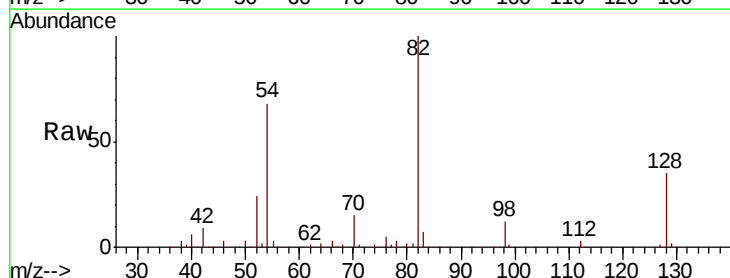
Tgt Ion: 77 Resp: 890

Ion Ratio Lower Upper

77 100

123 0.0 29.8 44.8#

65 0.0 11.8 17.6#

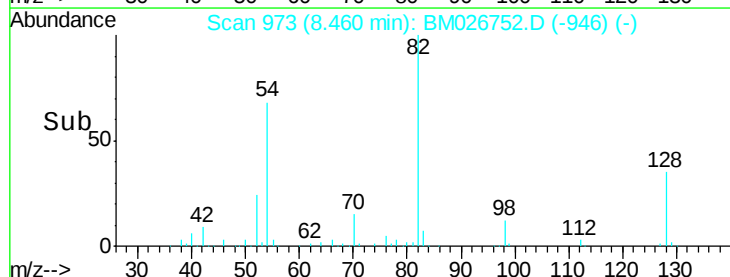
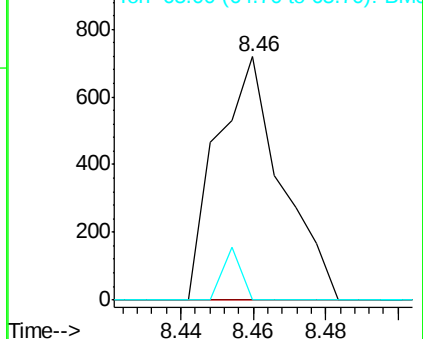


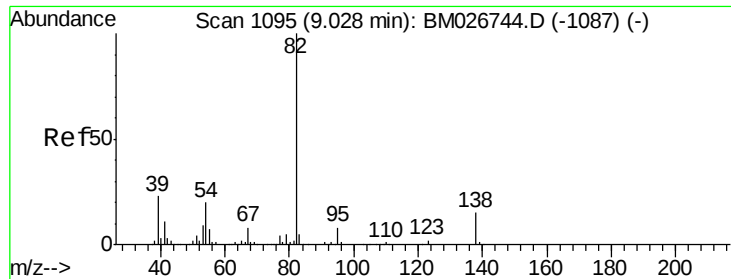
Abundance

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





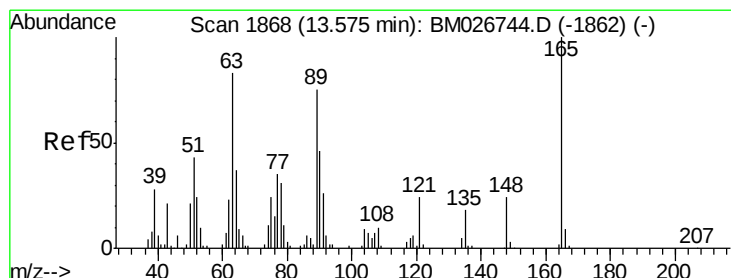
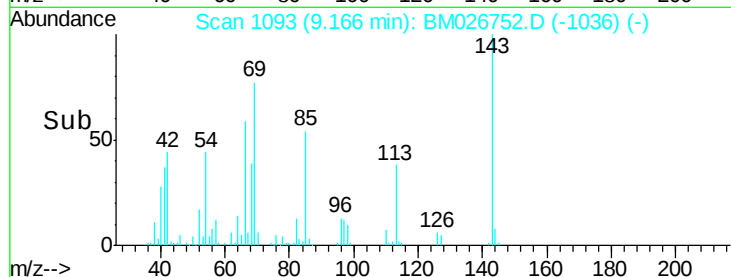
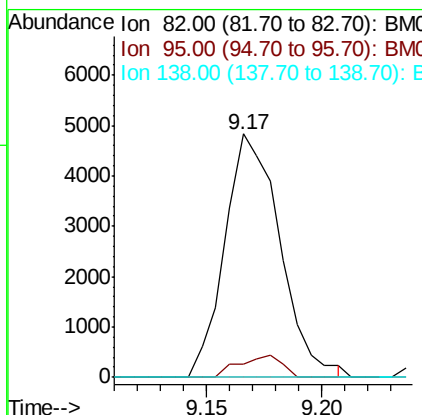
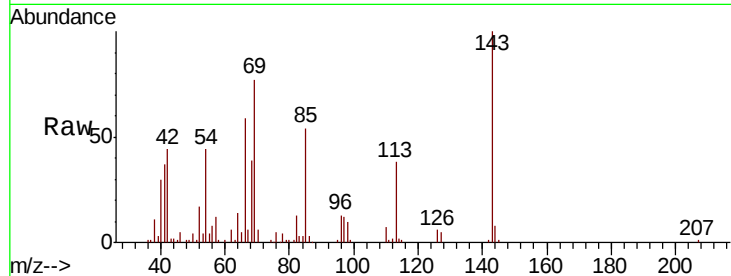
#21
Isophorone
Concen: 0.816 ng/ul
RT: 9.17 min Scan# 1093
Delta R.T. 0.14 min
Lab File: BM026752.D
Acq: 14 Jul 2020 14:44

Instrument :
BNA_M
ClientSampled :
SBLK24

Tot Ion	Ratio	Resp	Lower	Upper
82	100	8038		
95	5.4		6.4	9.6#
138	0.0		12.2	18.4#

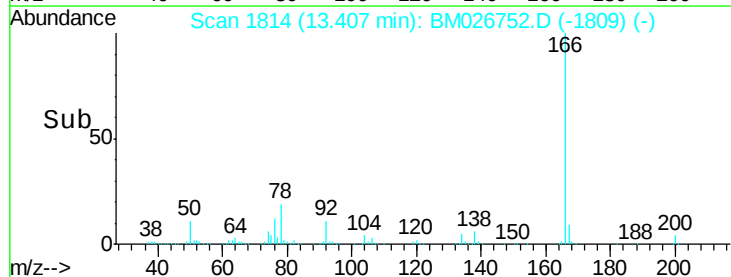
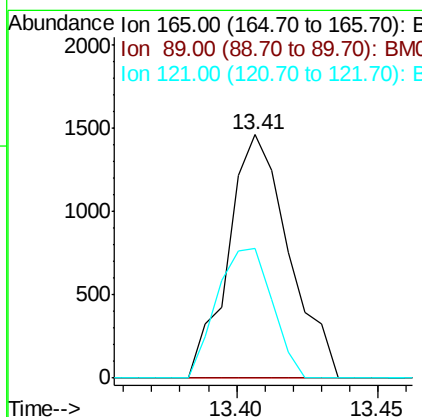
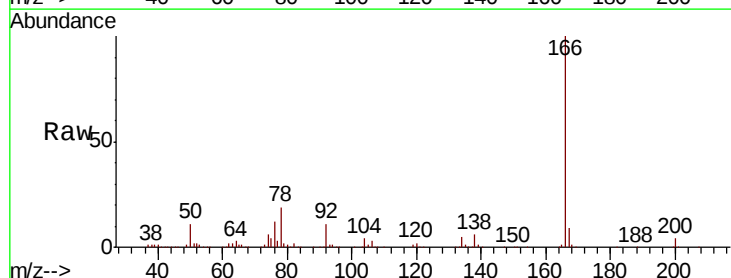
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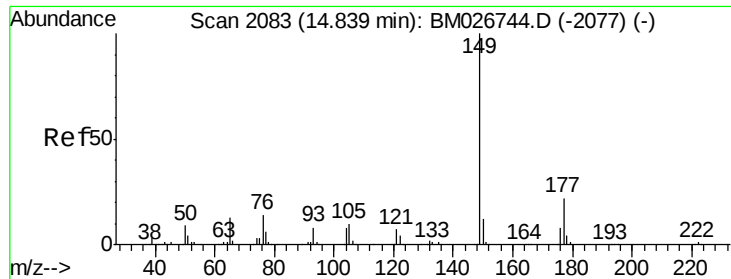
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#46
2,6-Dinitrotoluene
Concen: 0.977 ng/ul
RT: 13.41 min Scan# 1814
Delta R.T. -0.17 min
Lab File: BM026752.D
Acq: 14 Jul 2020 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	2170		
89	0.0		54.2	81.4#
121	53.5		18.2	27.4#





#57

Diethylphthalate

Concen: 0.012 ng/ul

RT: 14.83 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BM026752.D

Acq: 14 Jul 2020 14:44

Instrument :

BNA_M

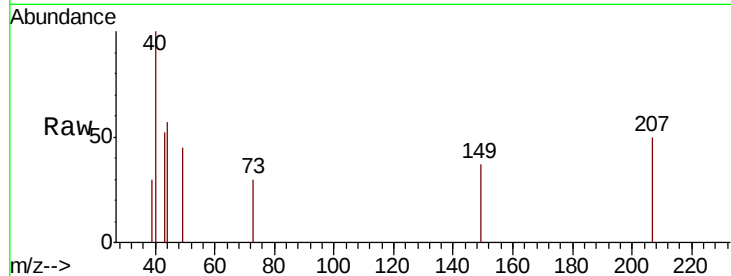
ClientSampled :

SBLK24

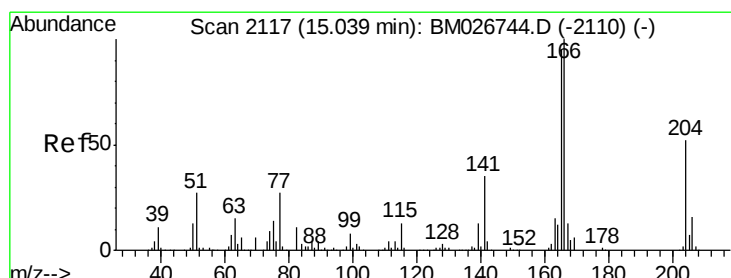
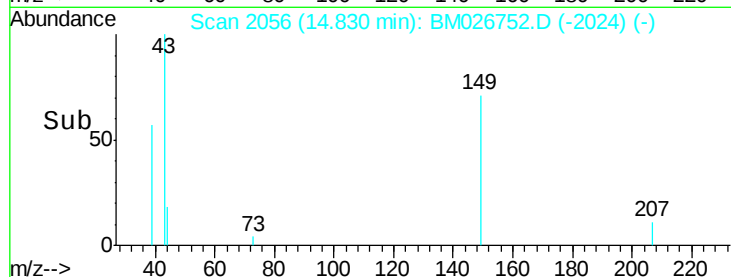
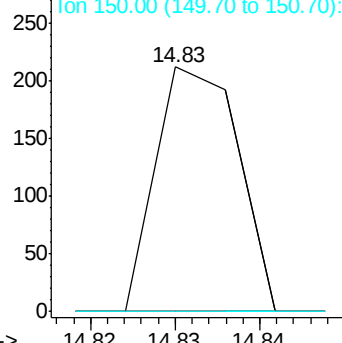
Tot Ion:	149	Resp:	142
Ion Ratio	Lower	Upper	
149	100		
177	0.0	16.6	25.0#
150	0.0	10.0	15.0#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#59

Fluorene

Concen: 0.063 ng/ul

RT: 14.98 min Scan# 2082

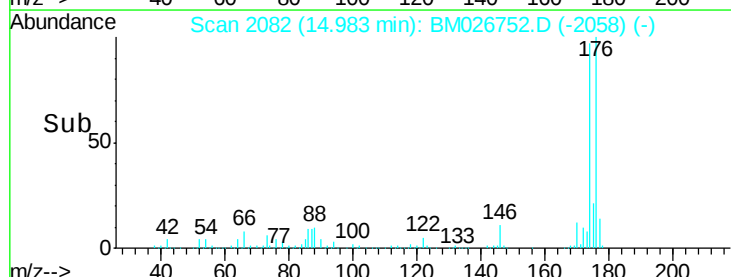
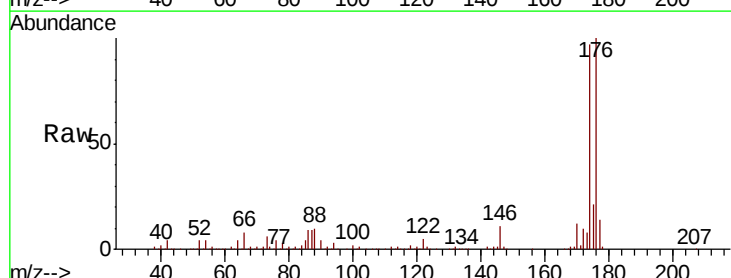
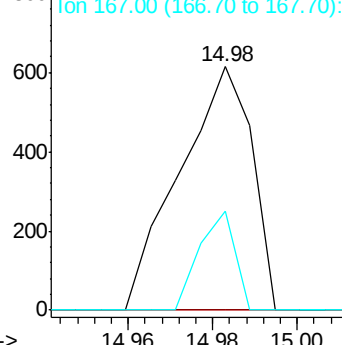
Delta R.T. -0.06 min

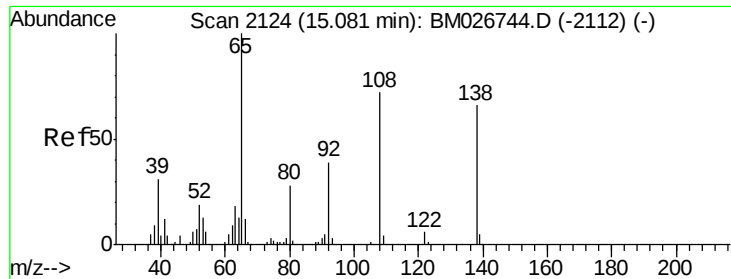
Lab File: BM026752.D

Acq: 14 Jul 2020 14:44

Tgt Ion:	166	Resp:	733
Ion Ratio	Lower	Upper	
166	100		
165	0.0	77.0	115.4#
167	40.5	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





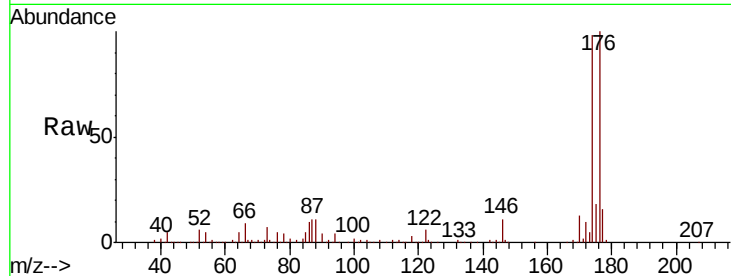
#61
4-Nitroaniline
Concen: 0.059 ng/ul
RT: 14.97 min Scan# 2080
Delta R.T. -0.11 min
Lab File: BM026752.D
Acq: 14 Jul 2020 14:44

Instrument :
BNA_M
ClientSampleId :
SBLK24

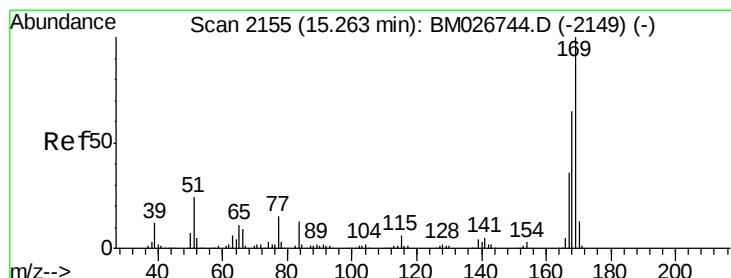
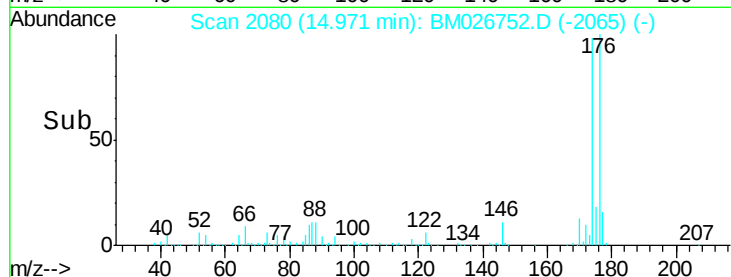
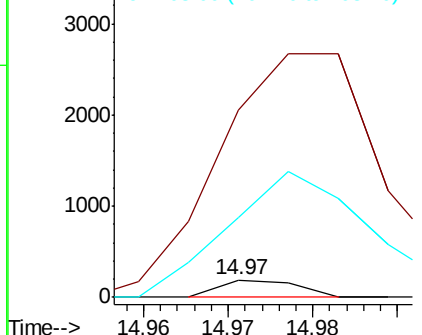
Tot Ion:138 Resp: 124
Ion Ratio Lower Upper
138 100
92 1088.9 47.7 71.5
108 461.4 82.6 123.8#

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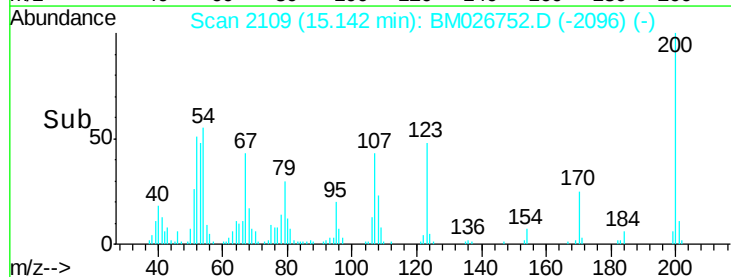
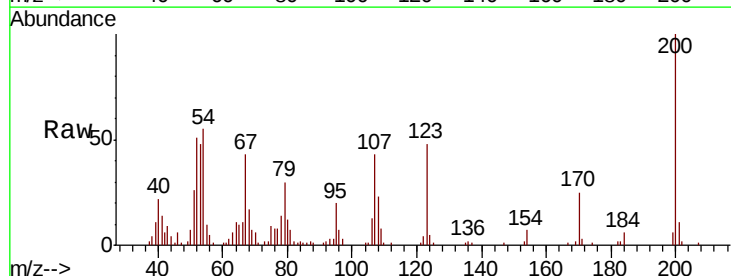
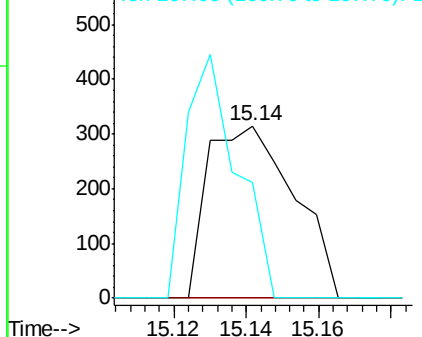
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E

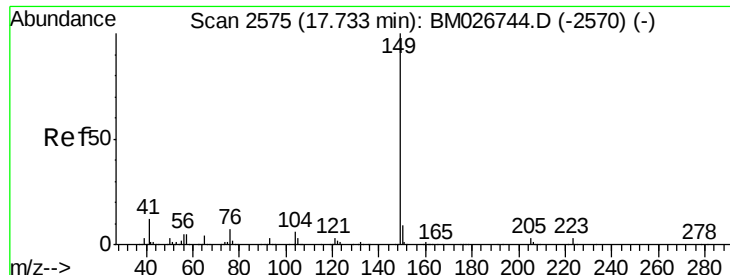


#65
N-Nitrosodiphenylamine
Concen: 0.054 ng/ul
RT: 15.14 min Scan# 2109
Delta R.T. -0.12 min
Lab File: BM026752.D
Acq: 14 Jul 2020 14:44

Tgt Ion:169 Resp: 520
Ion Ratio Lower Upper
169 100
168 0.0 51.7 77.5#
167 67.3 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





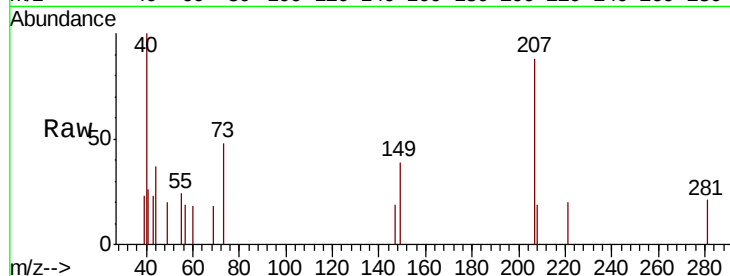
#76
Di-n-butylphthalate
Concen: 0.015 ng/ul
RT: 17.74 min Scan# 2550
Delta R.T. 0.00 min
Lab File: BM026752.D
Acq: 14 Jul 2020 14:44

Instrument :
BNA_M
ClientSampleId :
SBLK24

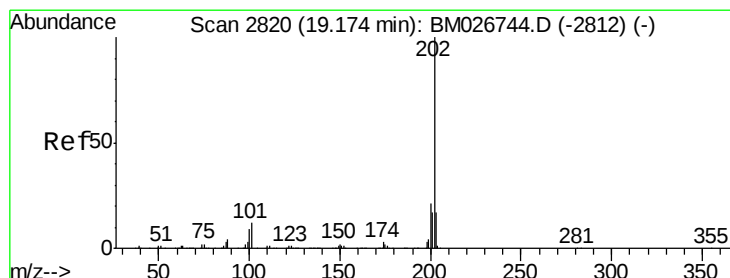
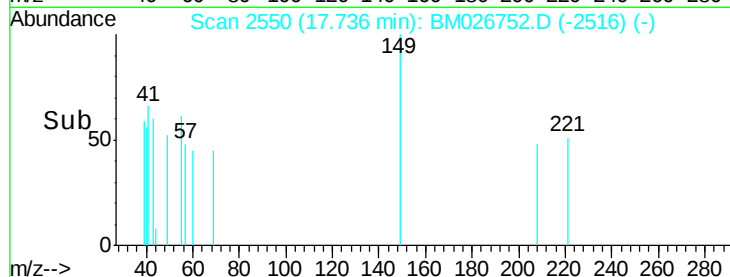
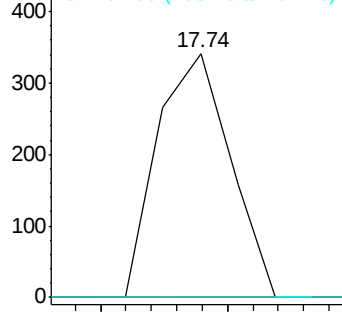
Tot Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.1	10.7#
104	0.0	5.2	7.8#

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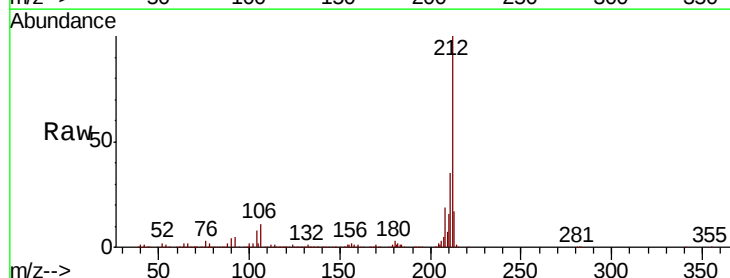


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

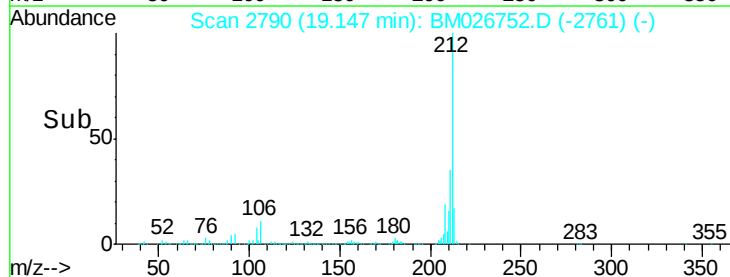
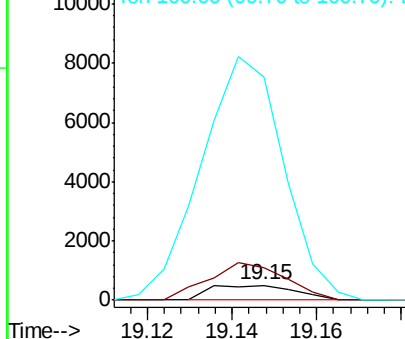


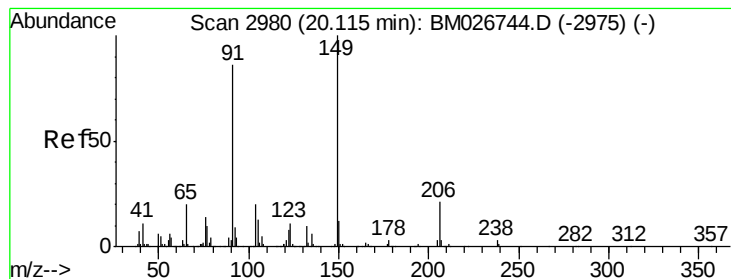
#80
Pyrene
Concen: 0.036 ng/ul
RT: 19.15 min Scan# 2790
Delta R.T. -0.03 min
Lab File: BM026752.D
Acq: 14 Jul 2020 14:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	222.9	9.4	14.2#
100	1514.7	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: 0.021 ng/ul

RT: 20.12 min Scan# 2956

Delta R.T. 0.01 min

Lab File: BM026752.D

Acq: 14 Jul 2020 14:44

Instrument :

BNA_M

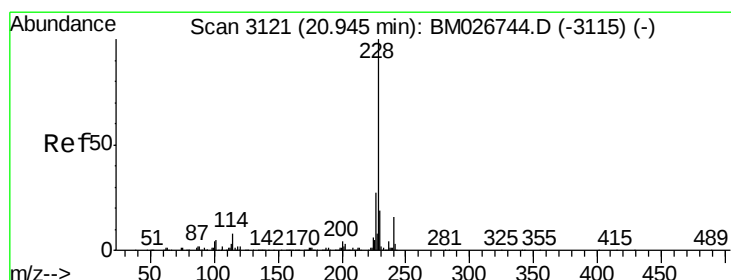
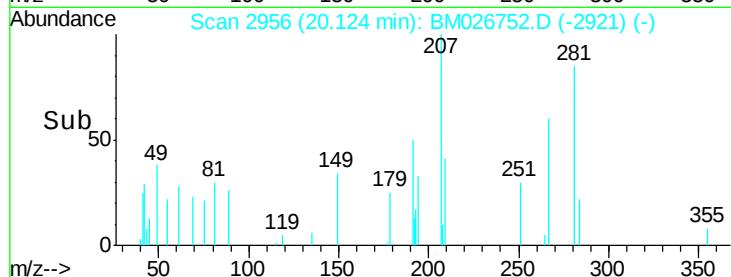
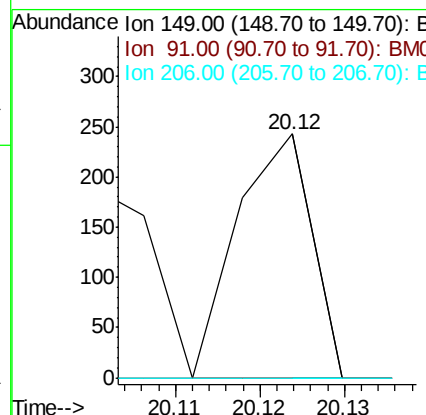
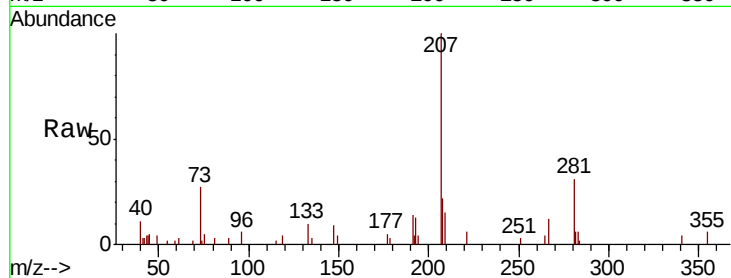
ClientSampleId :

SBLK24

Tot Ion:	149	Resp:	149
Ion Ratio	Lower	Upper	
149	100		
91	0.0	66.4	99.6#
206	0.0	16.3	24.5#

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#83

Benzo(a)anthracene

Concen: 0.047 ng/ul

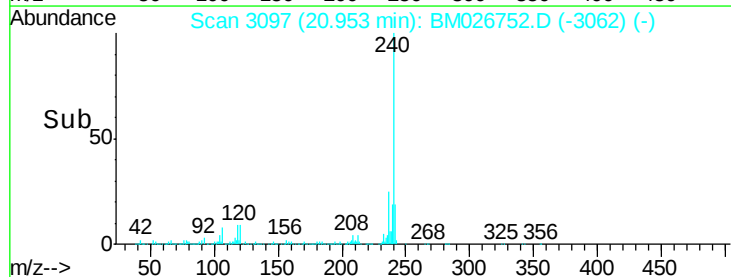
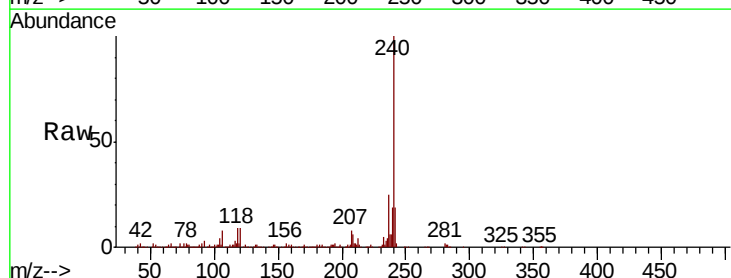
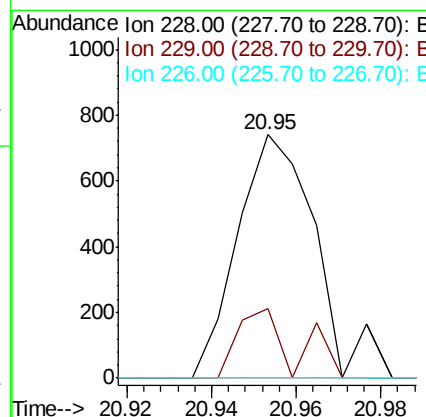
RT: 20.95 min Scan# 3097

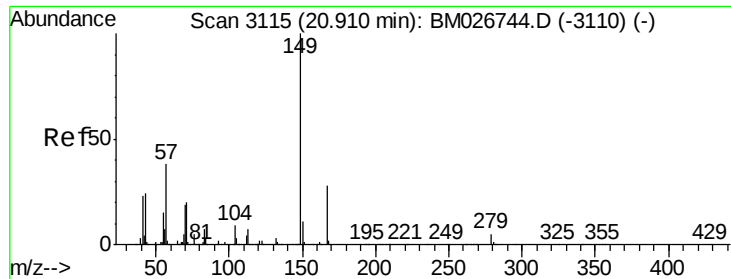
Delta R.T. 0.01 min

Lab File: BM026752.D

Acq: 14 Jul 2020 14:44

Tgt Ion:	228	Resp:	895
Ion Ratio	Lower	Upper	
228	100		
229	28.5	15.4	23.0#
226	0.0	21.2	31.8#





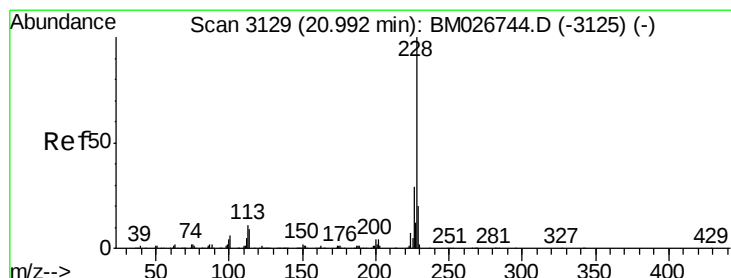
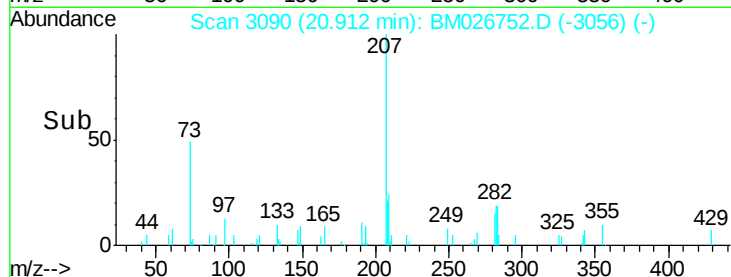
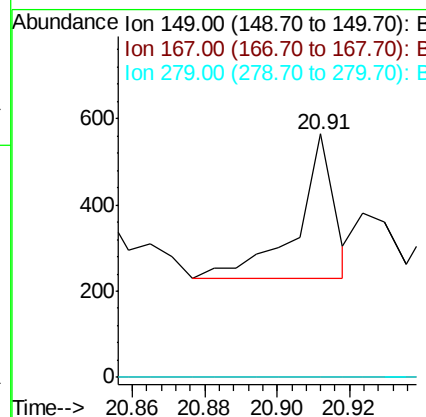
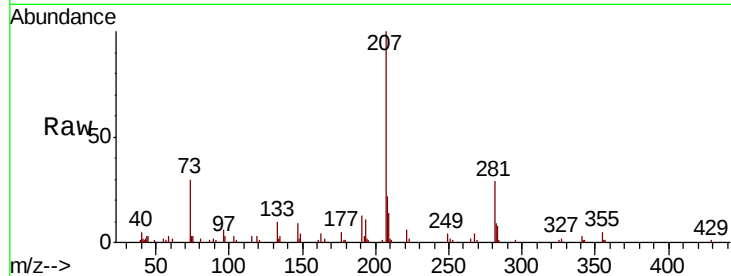
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.023 ng/ul
RT: 20.91 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM026752.D
Acq: 14 Jul 2020 14:44

Instrument :
BNA_M
ClientSampled :
SBLK24

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

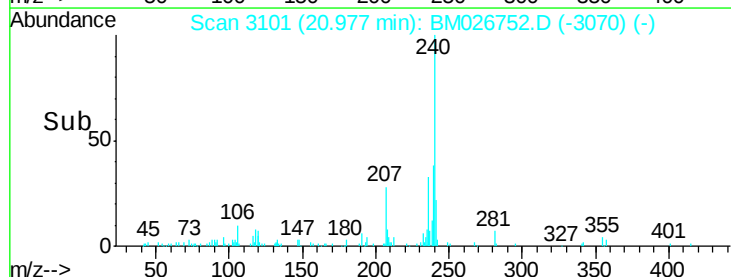
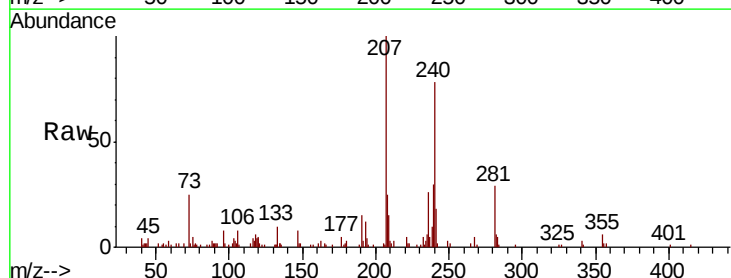
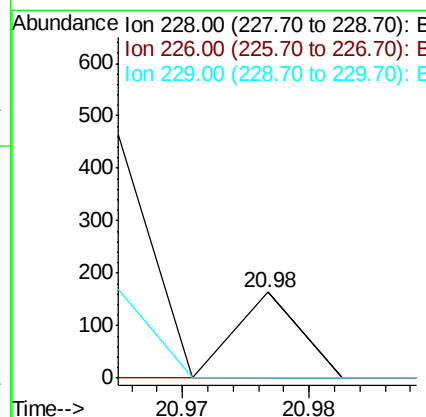
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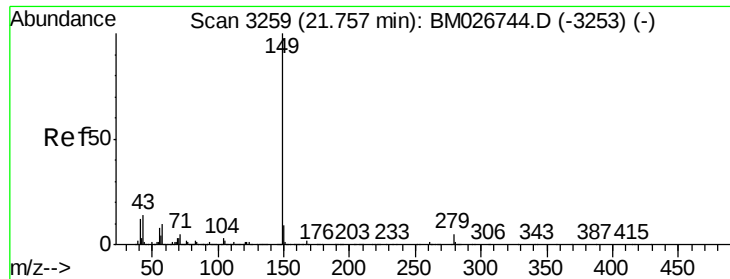
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#85
Chrysene
Concen: 0.003 ng/ul
RT: 20.98 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM026752.D
Acq: 14 Jul 2020 14:44

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





#87

Di-n-octyl phthalate

Concen: 0.027 ng/ul

RT: 21.76 min Scan# 3234

Delta R.T. 0.00 min

Lab File: BM026752.D

Acq: 14 Jul 2020 14:44

Instrument :

BNA_M

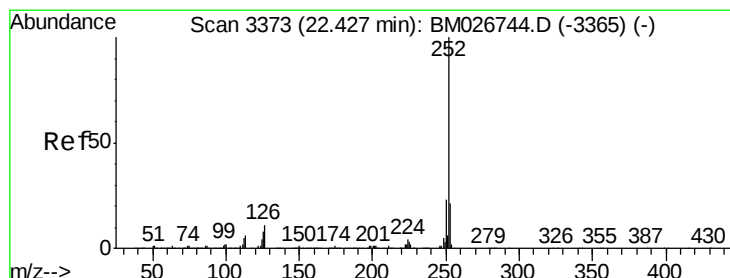
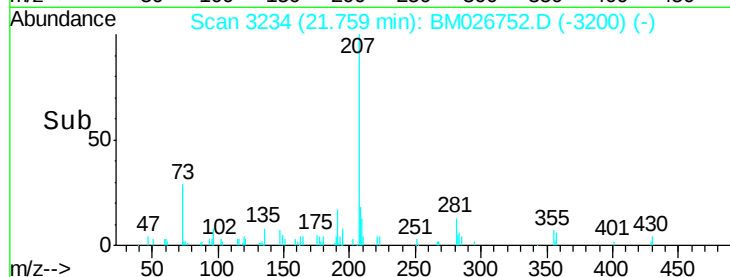
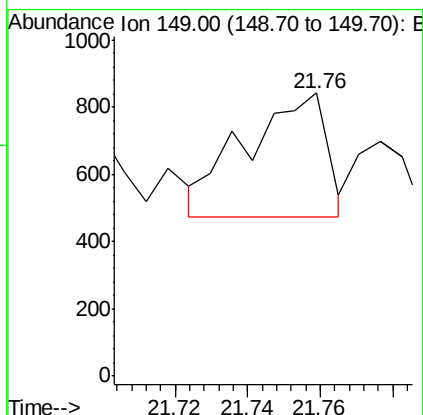
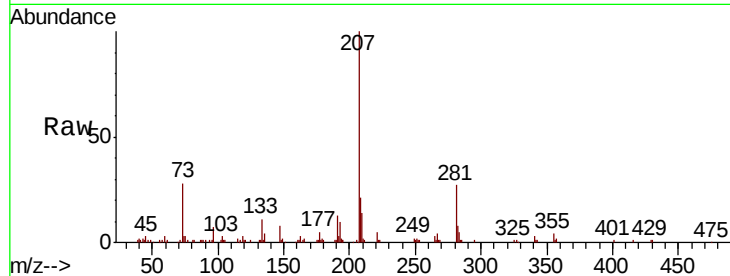
ClientSampleId :

SBLK24

Tgt Ion:149 Resp: 566

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#88

Benzo(b)fluoranthene

Concen: 0.006 ng/ul

RT: 22.42 min Scan# 3347

Delta R.T. -0.00 min

Lab File: BM026752.D

Acq: 14 Jul 2020 14:44

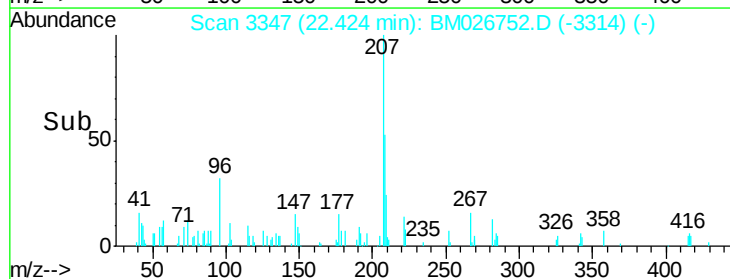
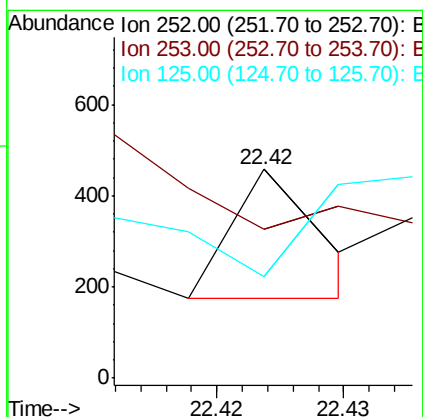
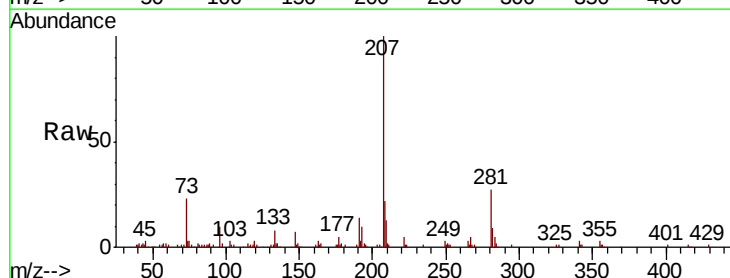
Tgt Ion:252 Resp: 136

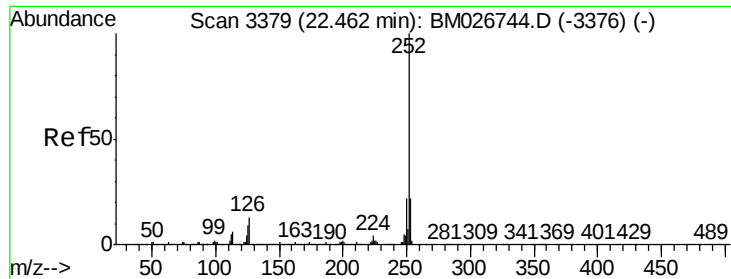
Ion Ratio Lower Upper

252 100

253 71.2 17.2 25.8#

125 48.7 7.6 11.4#





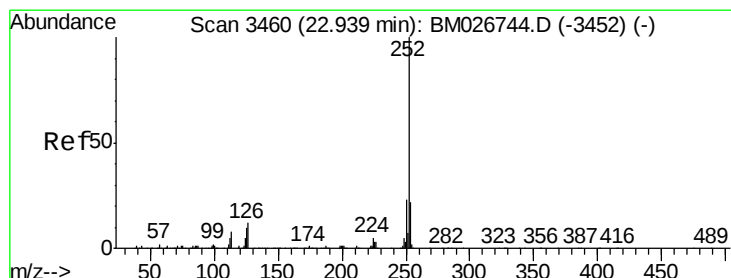
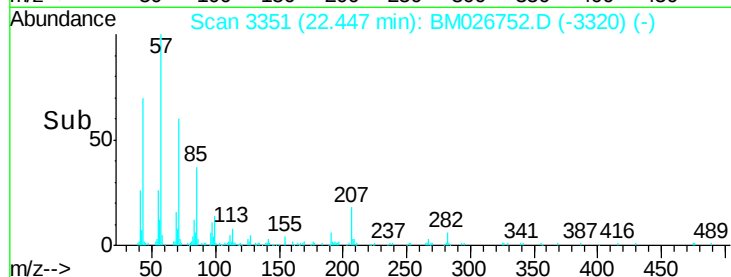
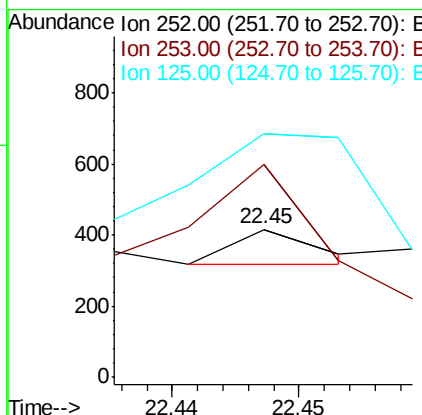
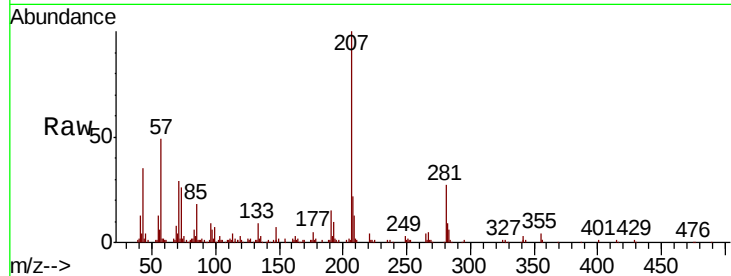
#89
Benzo(k)fluoranthene
Concen: 0.002 ng/ul
RT: 22.45 min Scan# 3351
Delta R.T. -0.02 min
Lab File: BM026752.D
Acq: 14 Jul 2020 14:44

Instrument :
BNA_M
ClientSampleId :
SBLK24

Tot Ion	Ratio	Lower	Upper
252	100		
253	144.0	17.1	25.7#
125	164.7	7.7	11.5#

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#91
Benzo(a)pyrene
Concen: 0.007 ng/ul
RT: 22.95 min Scan# 3436
Delta R.T. 0.01 min
Lab File: BM026752.D
Acq: 14 Jul 2020 14:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	148.1	17.4	26.0#
125	180.1	7.5	11.3#

