

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071520\
 Data File : BM026779.D
 Acq On : 15 Jul 2020 16:25
 Operator : JU/CG
 Sample : PB130173BL
 Misc : PBBL-SOIL-ME-05
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK73

Quant Time: Jul 15 17:01:44 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	7.31	152	73182	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	296057	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	177295	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	362084	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	325528	20.00	ng/ul	0.00
86) Perylene-d12	23.02	264	392968	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	2.90	96	16009	6.57	ng/uL	0.00
5) Phenol-d5	6.52	99	203276	30.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	150739	33.26	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	164240	31.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	160426	29.93	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	75640	32.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	83018	33.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.70	165	146817	30.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	205534	39.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	476697	33.70	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	554153	32.43	ng/ul	0.00
52) 4-Nitrophenol-d4	14.23	143	49713	24.36	ng/ul	0.00
58) Fluorene-d10	14.98	176	406608	32.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	57939	25.61	ng/ul	0.00
71) Anthracene-d10	16.83	188	501567	28.13	ng/ul	0.00
79) Pyrene-d10	19.14	212	649052	38.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	708632	33.41	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) 1,4-Dioxane	2.94	88	352	0.133	ng/uL#	14
4) Benzaldehyde	6.52	77	502	0.141	ng/ul#	8
8) Bis(2-Chloroethyl)ether	6.85	93	151	0.027	ng/ul#	1
15) N-Nitroso-di-n-propylamine	8.04	70	4847	0.903	ng/ul#	1
20) Nitrobenzene	8.45	77	936	0.127	ng/ul#	31
21) Isophorone	9.17	82	10369	0.835	ng/ul#	74
45) Dimethylphthalate	13.40	163	216	0.015	ng/ul#	1
46) 2,6-Dinitrotoluene	13.40	165	2844	0.994	ng/ul#	28
59) Fluorene	14.98	166	715	0.048	ng/ul#	11
61) 4-Nitroaniline	15.13	138	156	0.058	ng/ul#	1
64) 4,6-Dinitro-2-methylphenol	15.14	198	67	0.028	ng/ul#	1
65) N-Nitrosodiphenylamine	15.13	169	515	0.043	ng/ul#	21
76) Di-n-butylphthalate	17.73	149	487	0.022	ng/ul#	78
80) Pyrene	19.14	202	805	0.035	ng/ul#	1
81) Butylbenzylphthalate	20.12	149	114	0.014	ng/ul#	17
83) Benzo(a)anthracene	20.95	228	999	0.045	ng/ul#	62
84) Bis(2-ethylhexyl)phthalate	20.91	149	424	0.035	ng/ul#	98
85) Chrysene	20.99	228	114	0.005	ng/ul#	50
87) Di-n-octyl phthalate	21.75	149	199	0.008	ng/ul	100
88) Benzo(b)fluoranthene	22.42	252	255	0.010	ng/ul#	1
89) Benzo(k)fluoranthene	22.46	252	336	0.013	ng/ul#	1
91) Benzo(a)pyrene	22.95	252	449	0.019	ng/ul#	1

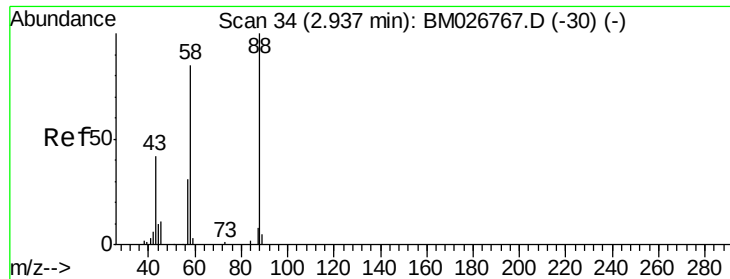
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071520\
Data File : BM026779.D
Acq On : 15 Jul 2020 16:25
Operator : JU/CG
Sample : PB130173BL
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Quant Time: Jul 15 17:01:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 0.133 ng/uL

RT: 2.94 min Scan# 34

Delta R.T. -0.00 min

Lab File: BM026779.D

Acq: 15 Jul 2020 16:25

Instrument :

BNA_M

ClientSampleId :

SBLK73

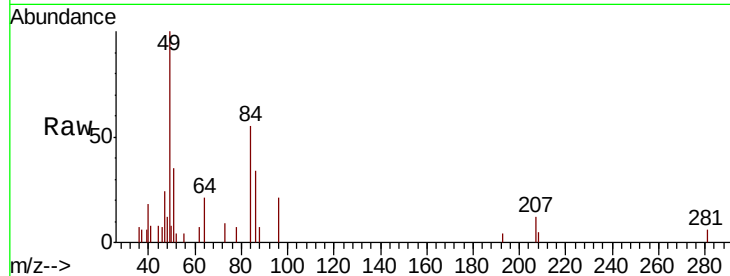
Tot Ion: 88 Resp: 352

Ion Ratio Lower Upper

88 100

43 0.0 38.2 57.2#

58 0.0 68.9 103.3#

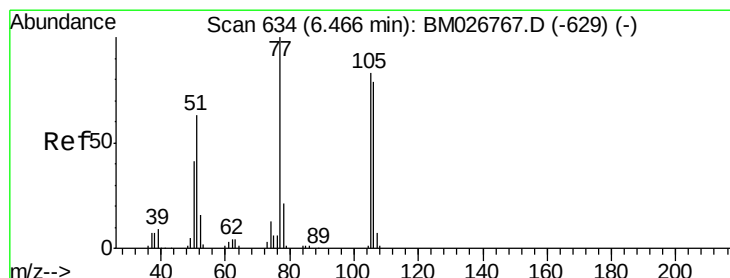
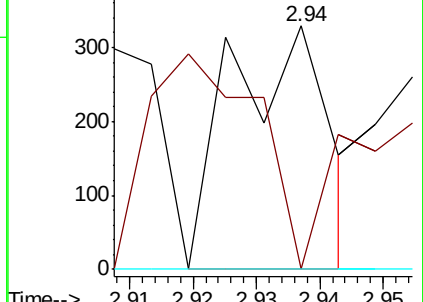
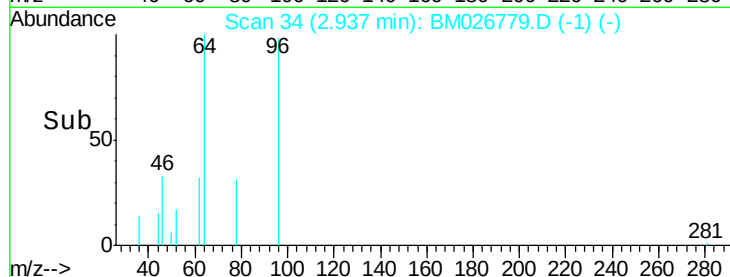


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 43.00 (42.70 to 43.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Time-->



#4

Benzaldehyde

Concen: 0.141 ng/uL

RT: 6.52 min Scan# 643

Delta R.T. 0.05 min

Lab File: BM026779.D

Acq: 15 Jul 2020 16:25

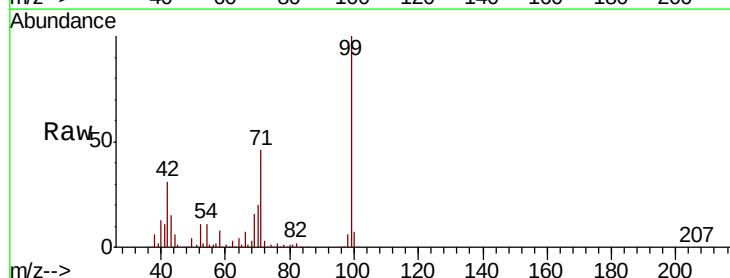
Tgt Ion: 77 Resp: 502

Ion Ratio Lower Upper

77 100

105 0.0 67.5 101.3#

106 0.0 66.2 99.4#

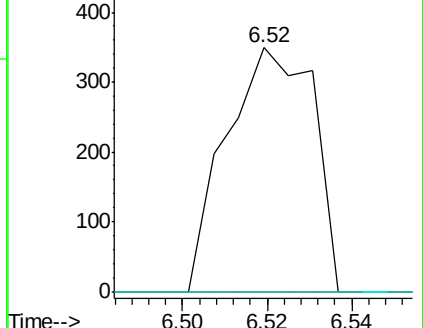
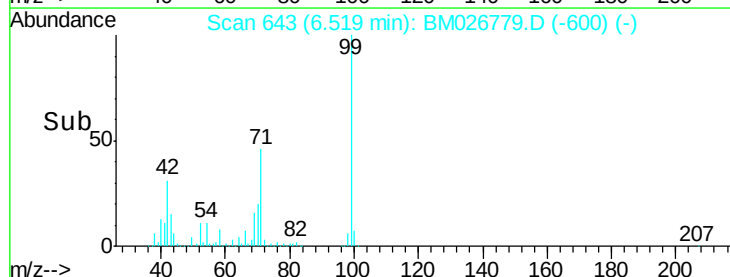


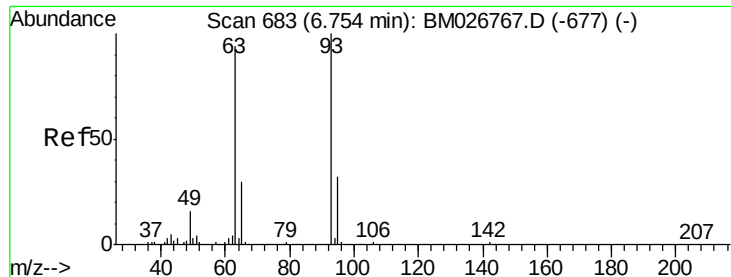
Abundance Ion 77.00 (76.70 to 77.70): BM0

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: 0.027 ng/ul

RT: 6.85 min Scan# 699

Delta R.T. 0.09 min

Lab File: BM026779.D

Acq: 15 Jul 2020 16:25

Instrument :

BNA_M

ClientSampleId :

SBLK73

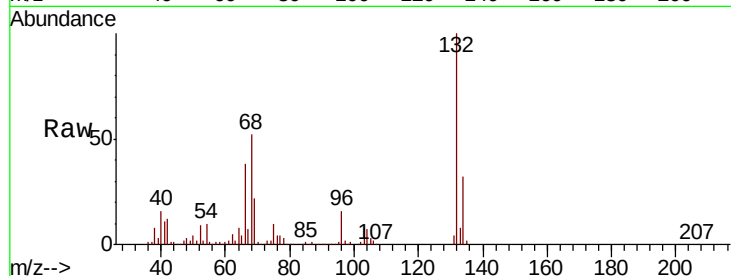
Tot Ion: 93 Resp: 151

Ion Ratio Lower Upper

93 100

63 767.8 75.5 113.3#

95 330.4 25.2 37.8#

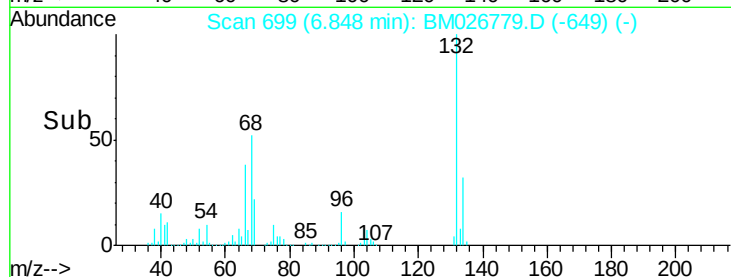


Abundance Ion 93.00 (92.70 to 93.70): BM026767.D (-677) (-)

Ion 63.00 (62.70 to 63.70): BM026767.D (-677) (-)

Ion 95.00 (94.70 to 95.70): BM026767.D (-677) (-)

Time-->

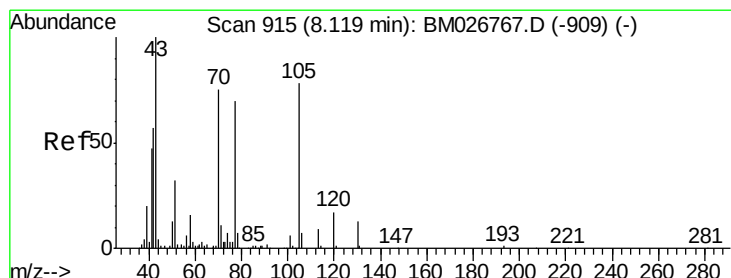


Abundance Ion 93.00 (92.70 to 93.70): BM026779.D (-649) (-)

Ion 63.00 (62.70 to 63.70): BM026779.D (-649) (-)

Ion 95.00 (94.70 to 95.70): BM026779.D (-649) (-)

Time-->



#15

N-Nitroso-di-n-propylamine

Concen: 0.903 ng/ul

RT: 8.04 min Scan# 901

Delta R.T. -0.08 min

Lab File: BM026779.D

Acq: 15 Jul 2020 16:25

Tgt Ion: 70 Resp: 4847

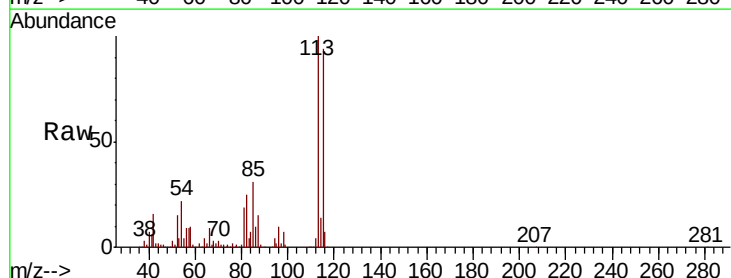
Ion Ratio Lower Upper

70 100

42 543.6 58.5 87.7#

101 0.0 7.0 10.4#

130 0.0 13.2 19.8#



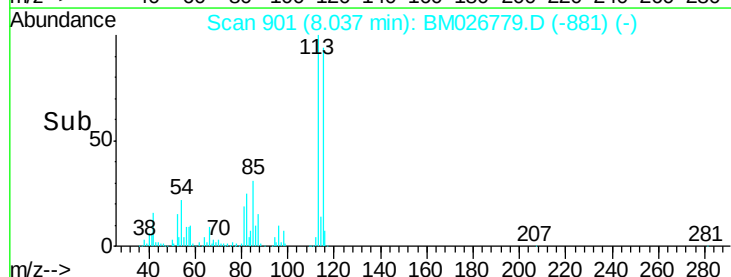
Abundance Ion 70.00 (69.70 to 70.70): BM026767.D (-909) (-)

Ion 42.00 (41.70 to 42.70): BM026767.D (-909) (-)

Ion 101.00 (100.70 to 101.70): BM026767.D (-909) (-)

Ion 130.00 (129.70 to 130.70): BM026767.D (-909) (-)

Time-->



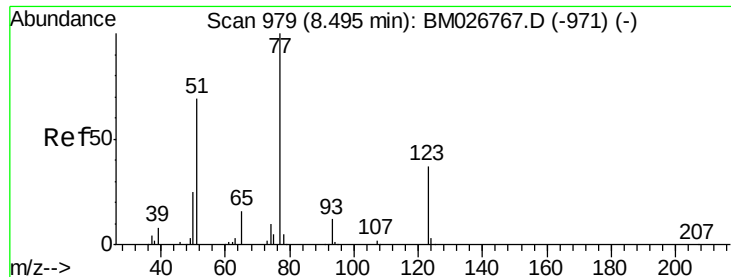
Abundance Ion 70.00 (69.70 to 70.70): BM026779.D (-881) (-)

Ion 42.00 (41.70 to 42.70): BM026779.D (-881) (-)

Ion 101.00 (100.70 to 101.70): BM026779.D (-881) (-)

Ion 130.00 (129.70 to 130.70): BM026779.D (-881) (-)

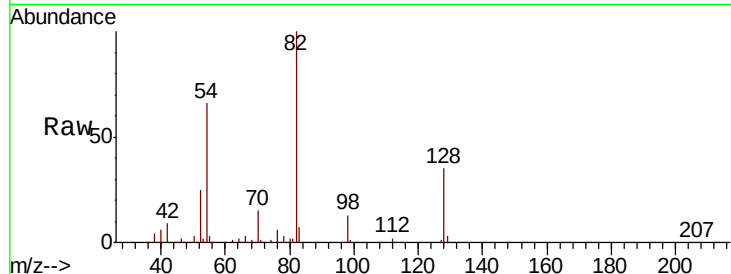
Time-->



#20
Nitrobenzene
Concen: 0.127 ng/ul
RT: 8.45 min Scan# 972
Delta R.T. -0.04 min
Lab File: BM026779.D
Acq: 15 Jul 2020 16:25

Instrument :
BNA_M
ClientSampleId :
SBLK73

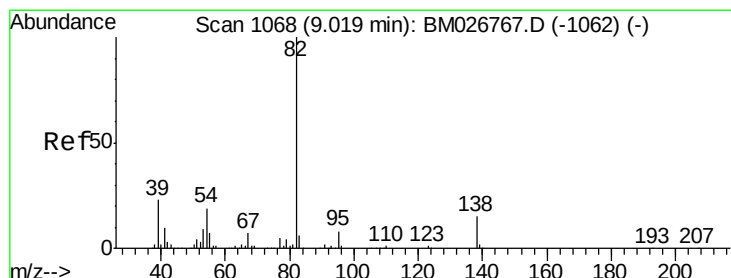
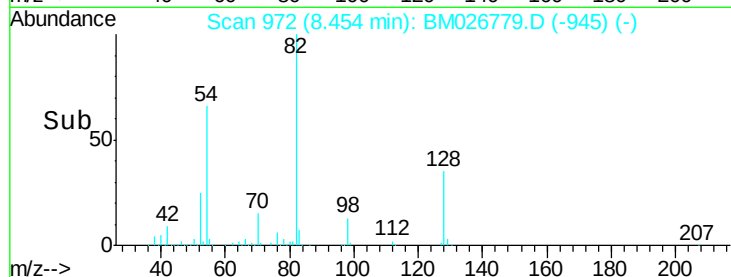
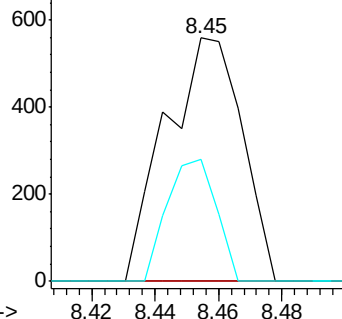
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	29.8	44.8#
65	50.3	11.8	17.6#



Abundance Ion 77.00 (76.70 to 77.70): BM026767.D (-971) (-)

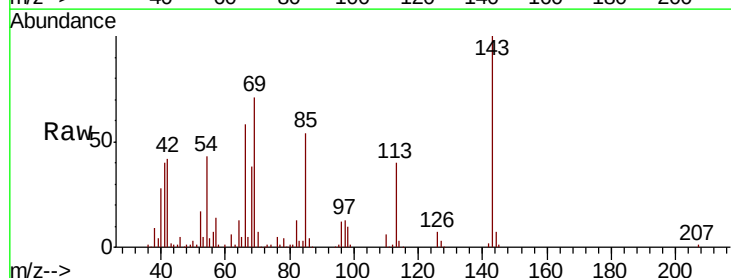
Ion 123.00 (122.70 to 123.70): BM026767.D (-971) (-)

Ion 65.00 (64.70 to 65.70): BM026767.D (-971) (-)



#21
Isophorone
Concen: 0.835 ng/ul
RT: 9.17 min Scan# 1093
Delta R.T. 0.15 min
Lab File: BM026779.D
Acq: 15 Jul 2020 16:25

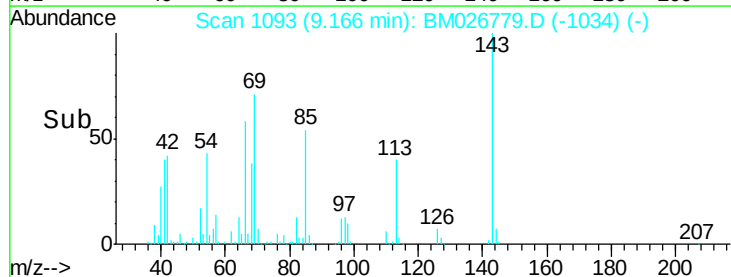
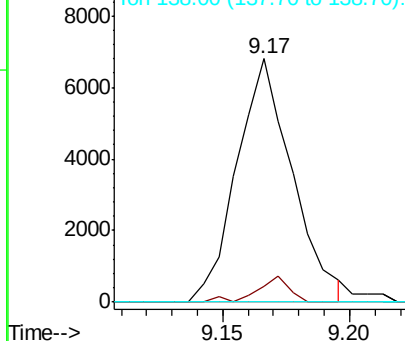
Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.4	6.4	9.6
138	0.0	12.2	18.4#

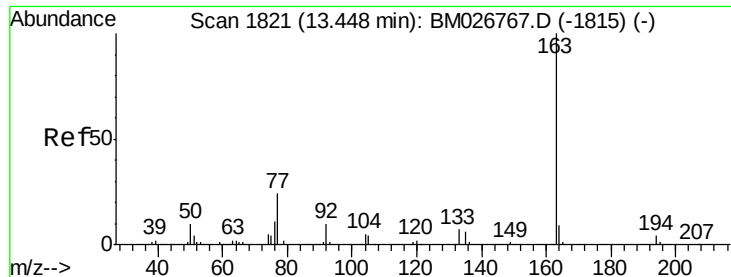


Abundance Ion 82.00 (81.70 to 82.70): BM026767.D (-1062) (-)

Ion 95.00 (94.70 to 95.70): BM026767.D (-1062) (-)

Ion 138.00 (137.70 to 138.70): BM026767.D (-1062) (-)





#45

Dimethylphthalate

Concen: 0.015 ng/ul

RT: 13.40 min Scan# 1812

Delta R.T. -0.05 min

Lab File: BM026779.D

Acq: 15 Jul 2020 16:25

Instrument :

BNA_M

ClientSampleId :

SBLK73

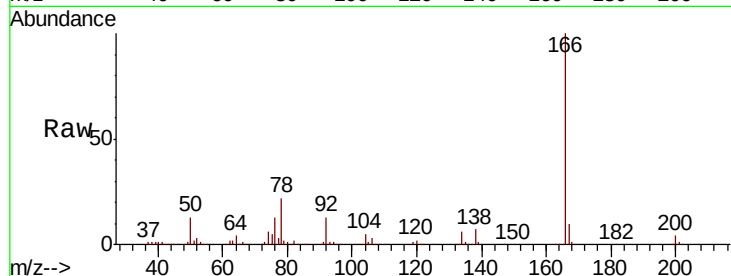
Tot Ion:163 Resp: 216

Ion Ratio Lower Upper

163 100

194 0.0 3.5 5.3#

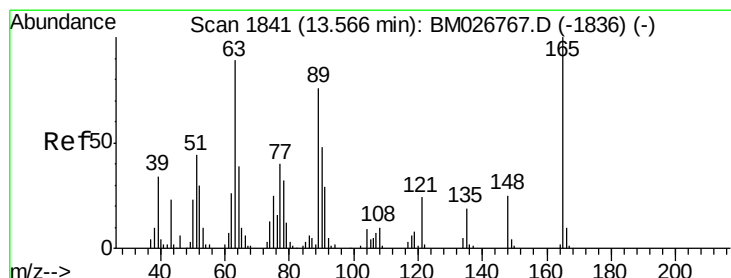
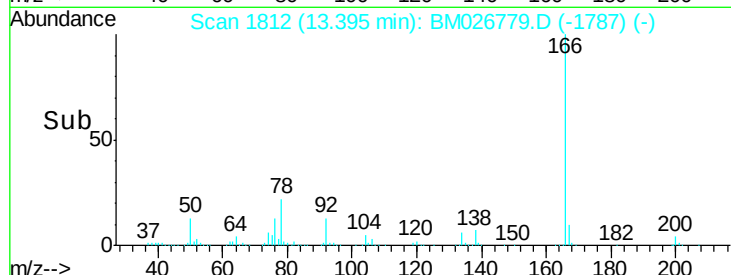
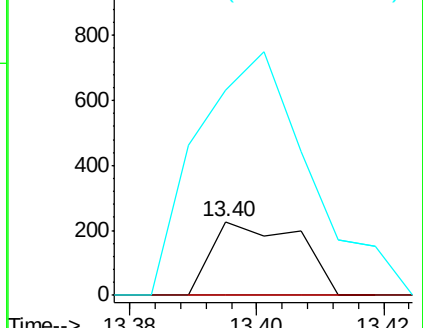
164 277.2 7.8 11.6#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#46

2,6-Dinitrotoluene

Concen: 0.994 ng/ul

RT: 13.40 min Scan# 1813

Delta R.T. -0.16 min

Lab File: BM026779.D

Acq: 15 Jul 2020 16:25

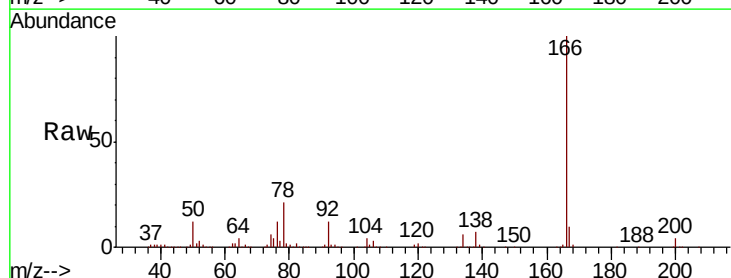
Tgt Ion:165 Resp: 2844

Ion Ratio Lower Upper

165 100

89 0.0 54.2 81.4#

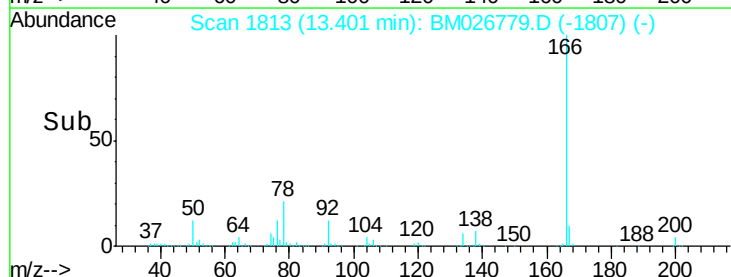
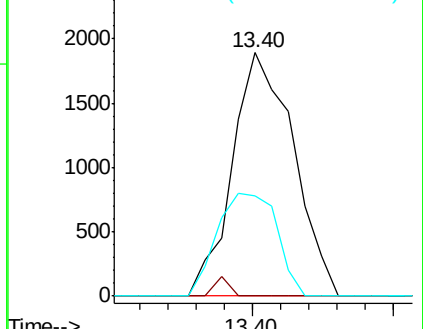
121 41.2 18.2 27.4#

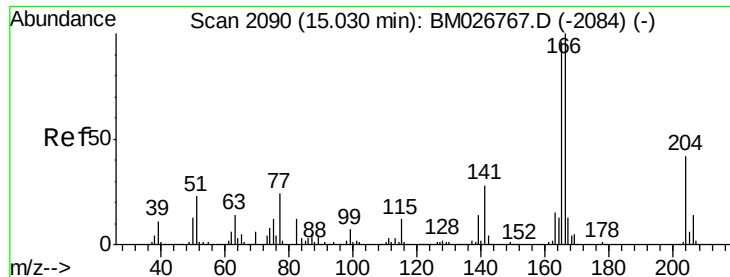


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM

Ion 121.00 (120.70 to 121.70): E





#59

Fluorene

Concen: 0.048 ng/ul

RT: 14.98 min Scan# 2082

Delta R.T. -0.05 min

Lab File: BM026779.D

Acq: 15 Jul 2020 16:25

Instrument :

BNA_M

ClientSampleId :

SBLK73

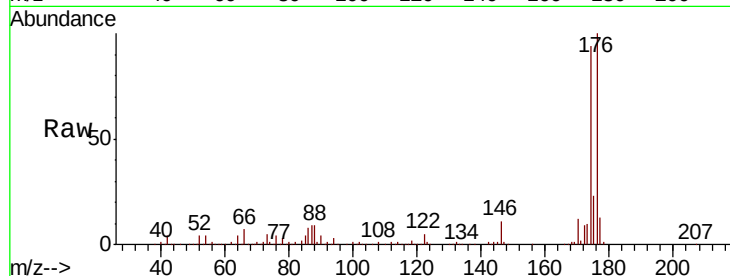
Tot Ion:166 Resp: 715

Ion Ratio Lower Upper

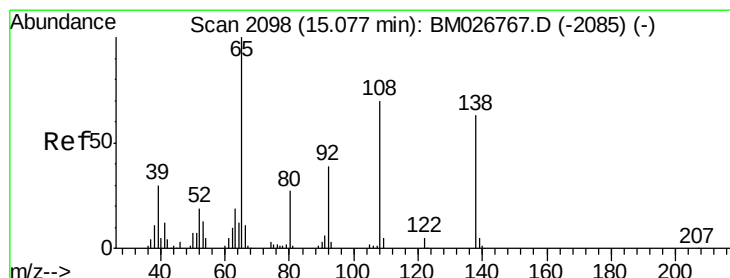
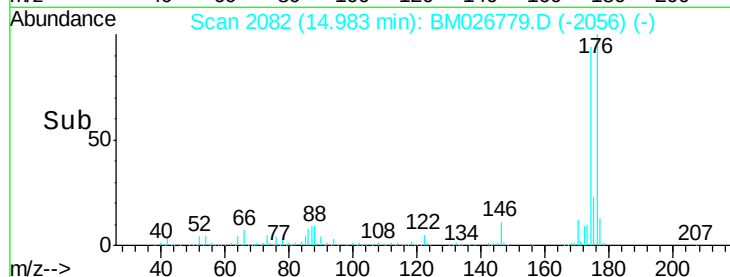
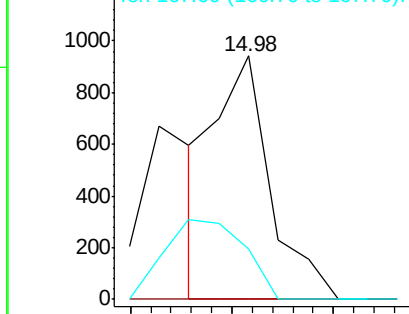
166 100

165 0.0 77.0 115.4#

167 20.7 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: 0.058 ng/ul

RT: 15.13 min Scan# 2107

Delta R.T. 0.05 min

Lab File: BM026779.D

Acq: 15 Jul 2020 16:25

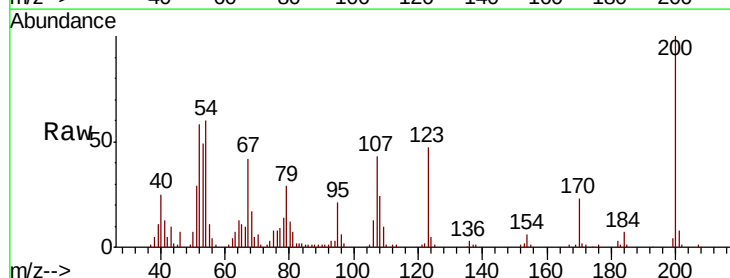
Tgt Ion:138 Resp: 156

Ion Ratio Lower Upper

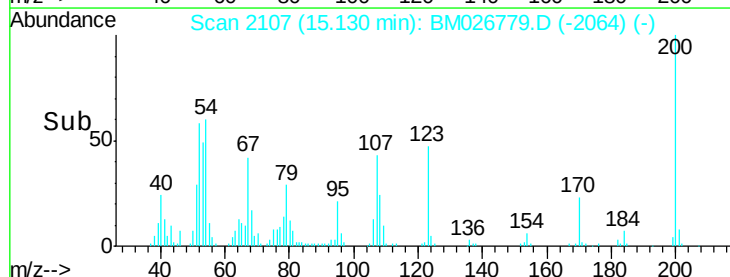
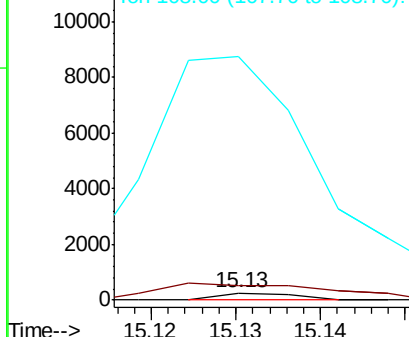
138 100

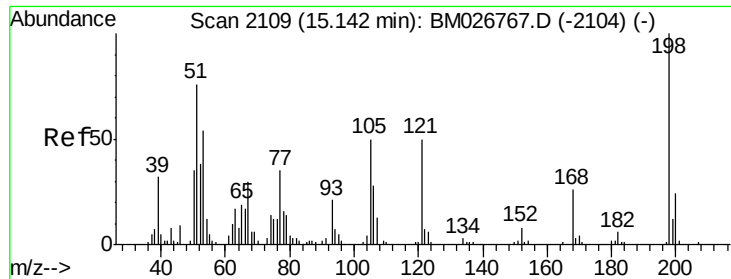
92 200.8 47.7 71.5#

108 3363.5 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

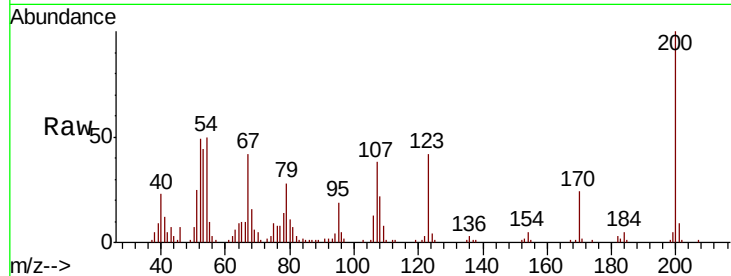




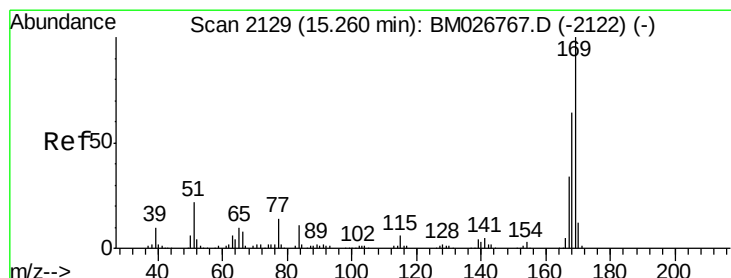
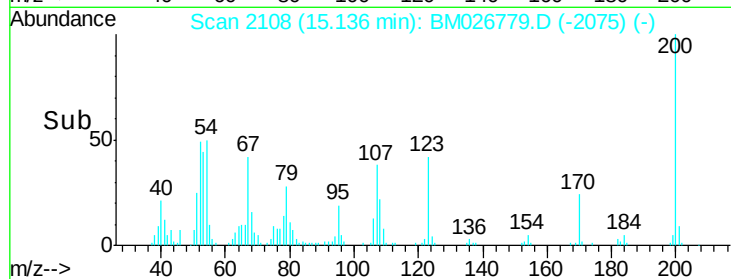
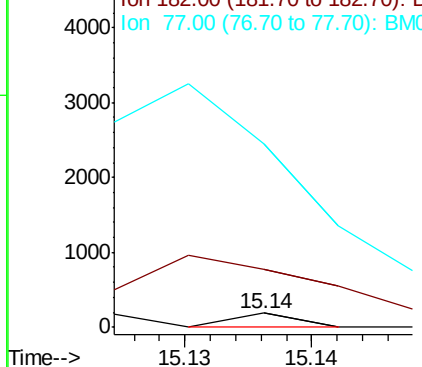
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.028 ng/ul
 RT: 15.14 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BM026779.D
 Acq: 15 Jul 2020 16:25

Instrument :
 BNA_M
 ClientSampleId :
 SBLK73

Tot Ion:198 Resp: 67
 Ion Ratio Lower Upper
 198 100
 182 407.9 4.0 6.0#
 77 1294.7 26.7 40.1#

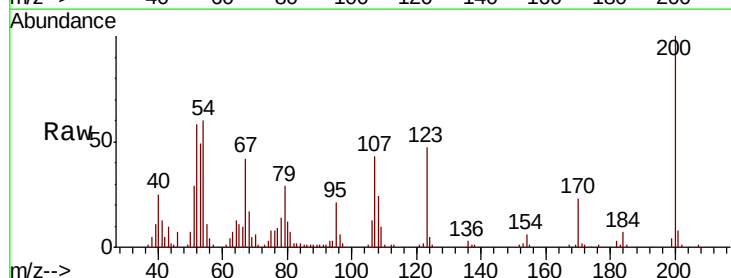


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): E

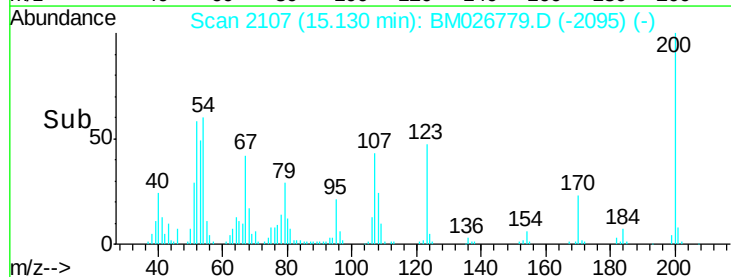
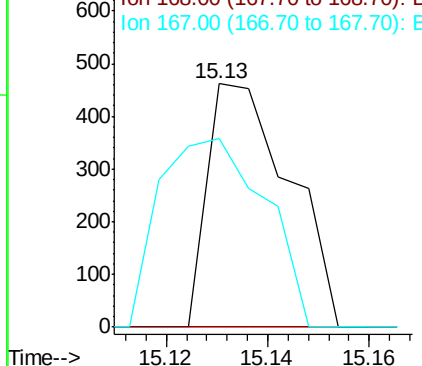


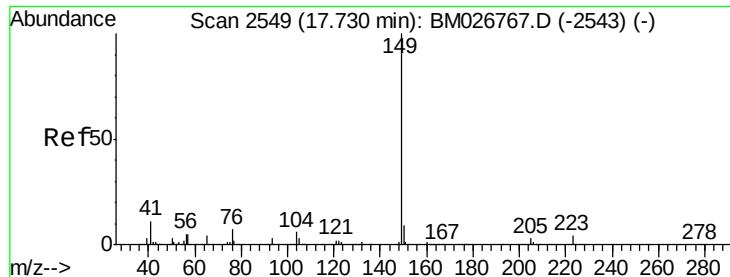
#65
 N-Nitrosodiphenylamine
 Concen: 0.043 ng/ul
 RT: 15.13 min Scan# 2107
 Delta R.T. -0.13 min
 Lab File: BM026779.D
 Acq: 15 Jul 2020 16:25

Tgt Ion:169 Resp: 515
 Ion Ratio Lower Upper
 169 100
 168 0.0 51.7 77.5#
 167 77.7 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

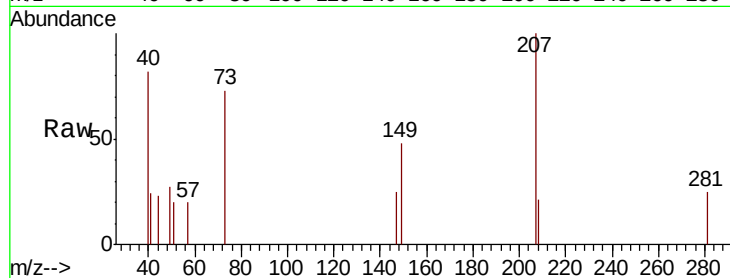




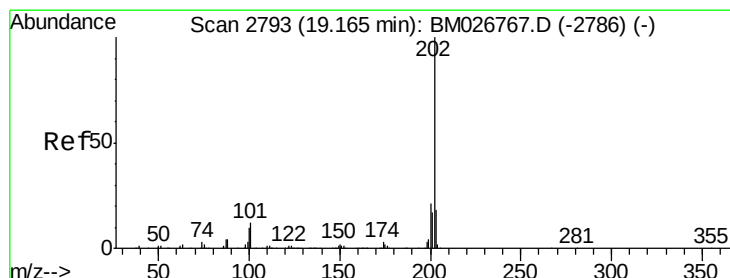
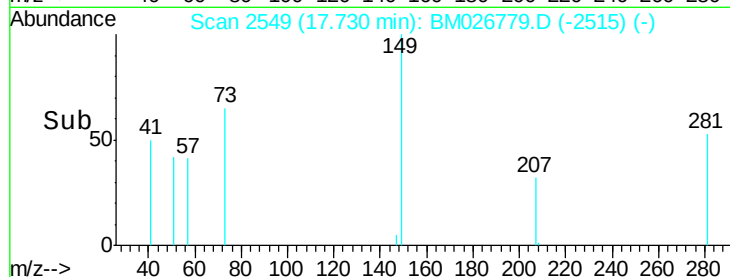
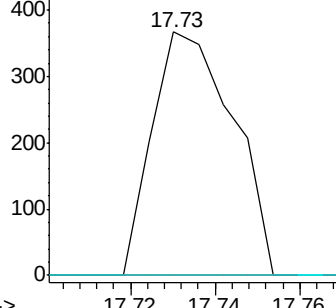
#76
Di-n-butylphthalate
Concen: 0.022 ng/ul
RT: 17.73 min Scan# 2549
Delta R.T. 0.00 min
Lab File: BM026779.D
Acq: 15 Jul 2020 16:25

Instrument :
BNA_M
ClientSampled :
SBLK73

Tot Ion:149 Resp: 487
Ion Ratio Lower Upper
149 100
150 0.0 7.1 10.7#
104 0.0 5.2 7.8#

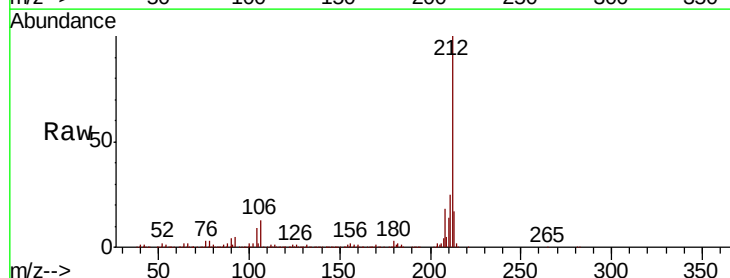


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

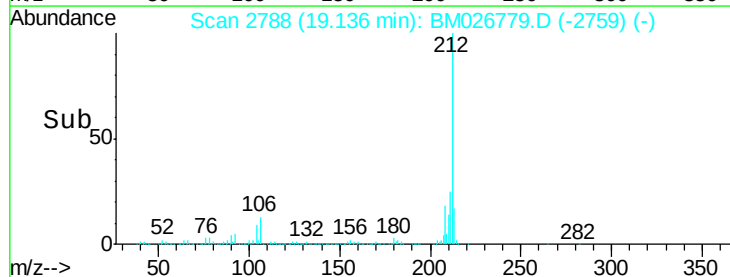
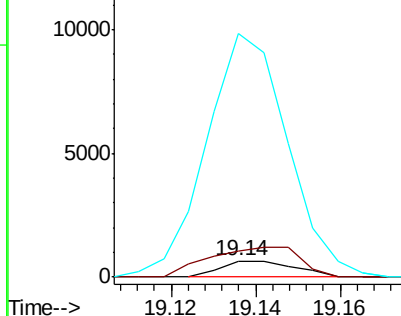


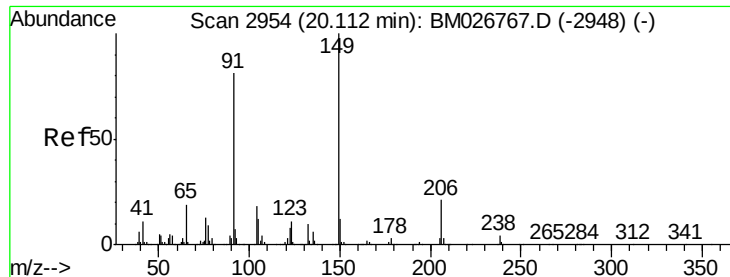
#80
Pyrene
Concen: 0.035 ng/ul
RT: 19.14 min Scan# 2788
Delta R.T. -0.03 min
Lab File: BM026779.D
Acq: 15 Jul 2020 16:25

Tgt Ion:202 Resp: 805
Ion Ratio Lower Upper
202 100
101 161.1 9.4 14.2#
100 1487.6 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

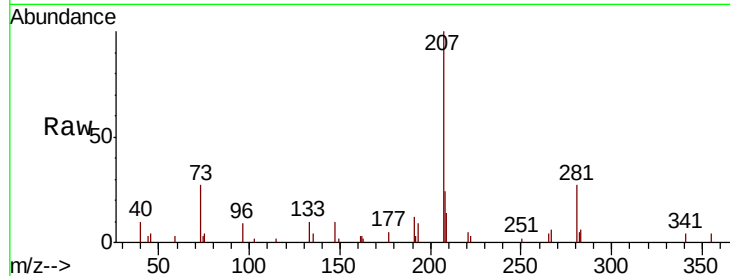




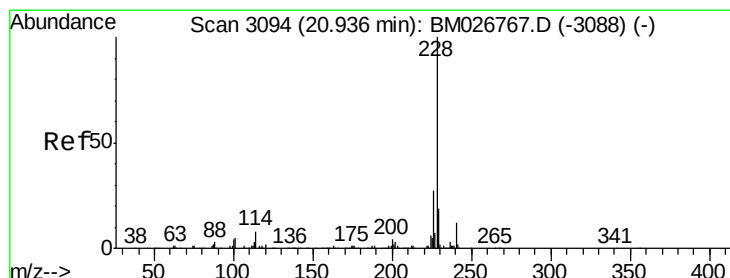
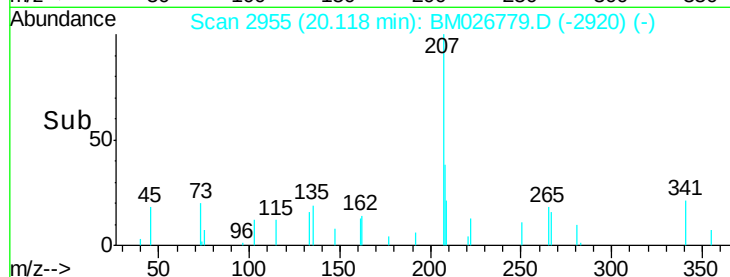
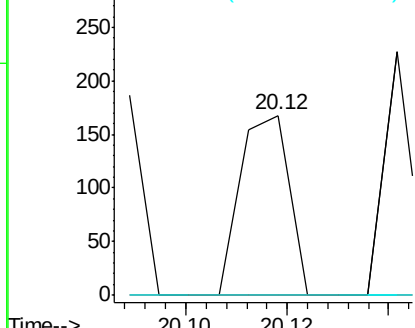
#81
Butylbenzylphthalate
Concen: 0.014 ng/ul
RT: 20.12 min Scan# 2955
Delta R.T. 0.01 min
Lab File: BM026779.D
Acq: 15 Jul 2020 16:25

Instrument :
BNA_M
ClientSampleId :
SBLK73

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

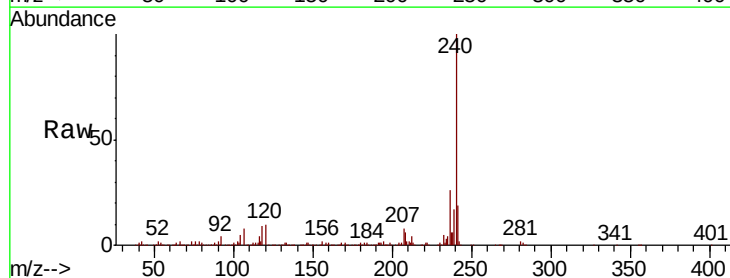


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM0
Ion 206.00 (205.70 to 206.70): E

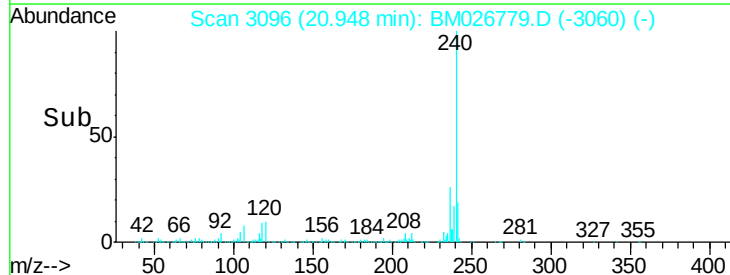
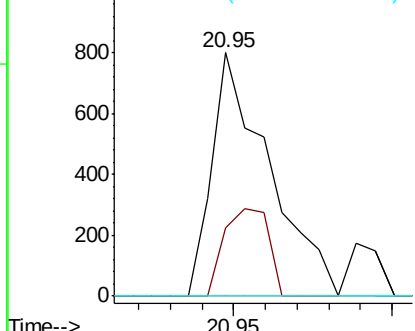


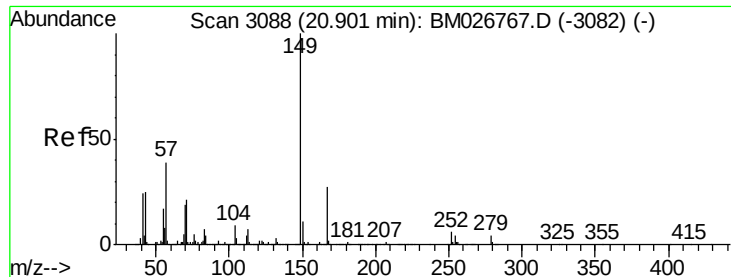
#83
Benzo(a)anthracene
Concen: 0.045 ng/ul
RT: 20.95 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BM026779.D
Acq: 15 Jul 2020 16:25

Tgt Ion	Ratio	Lower	Upper
228	100		
229	27.9	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: 0.035 ng/ul

RT: 20.91 min Scan# 3089

Delta R.T. 0.01 min

Lab File: BM026779.D

Acq: 15 Jul 2020 16:25

Instrument :

BNA_M

ClientSampleId :

SBLK73

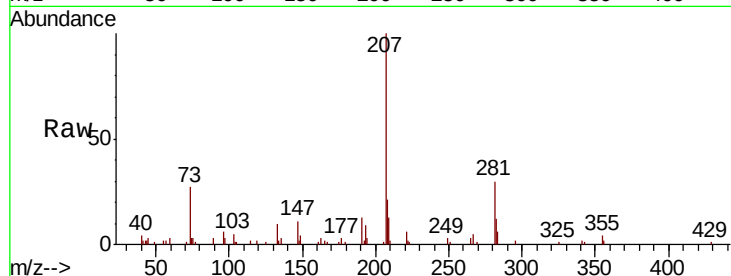
Tot Ion:149 Resp: 424

Ion Ratio Lower Upper

149 100

167 27.5 22.1 33.1

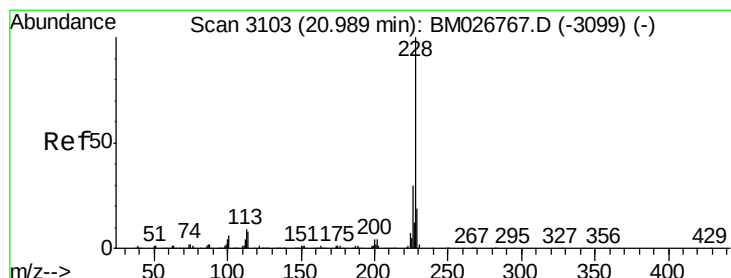
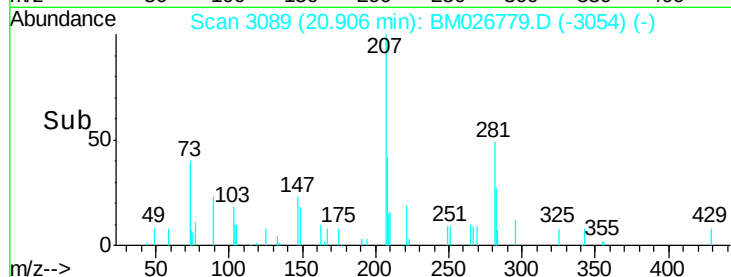
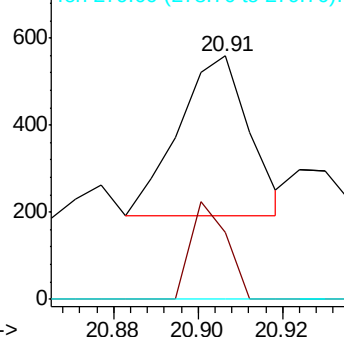
279 0.0 3.6 5.4#



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: 0.005 ng/ul

RT: 20.99 min Scan# 3103

Delta R.T. -0.00 min

Lab File: BM026779.D

Acq: 15 Jul 2020 16:25

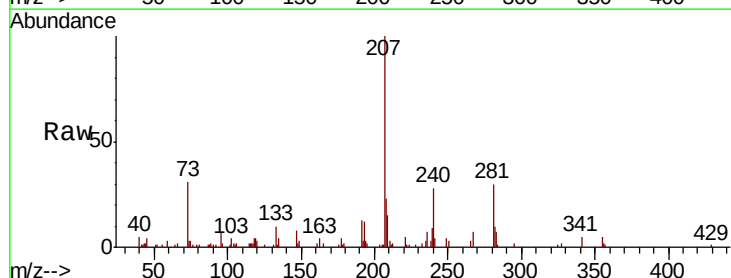
Tgt Ion:228 Resp: 114

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.6#

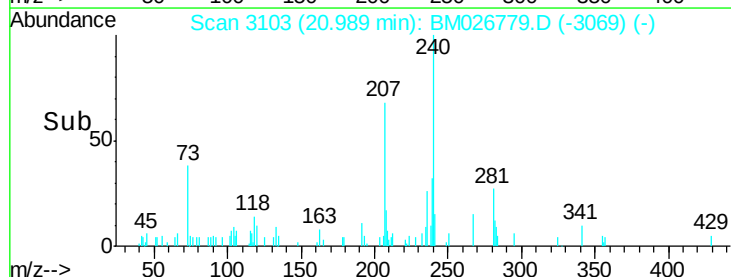
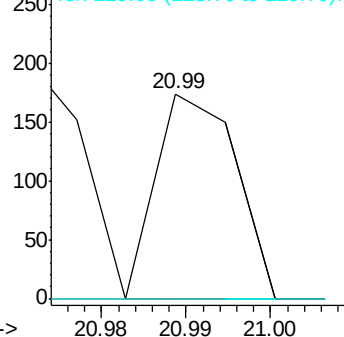
229 0.0 15.5 23.3#

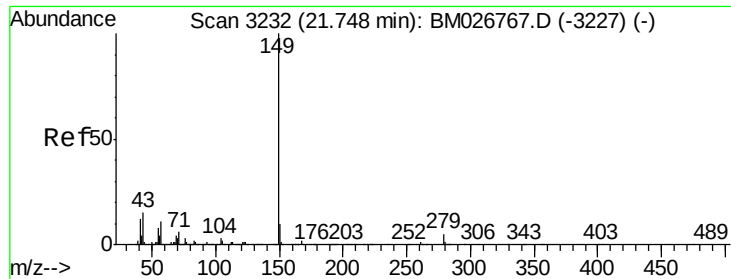


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

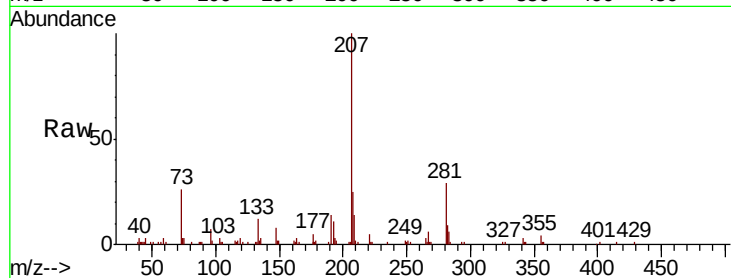




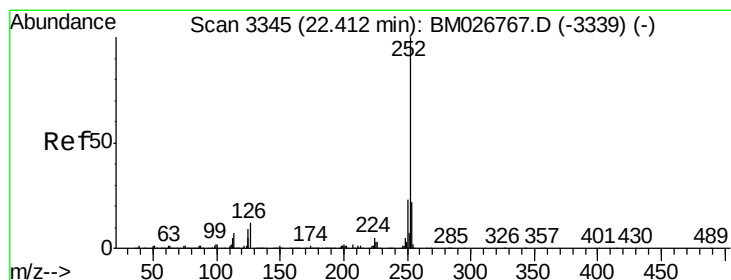
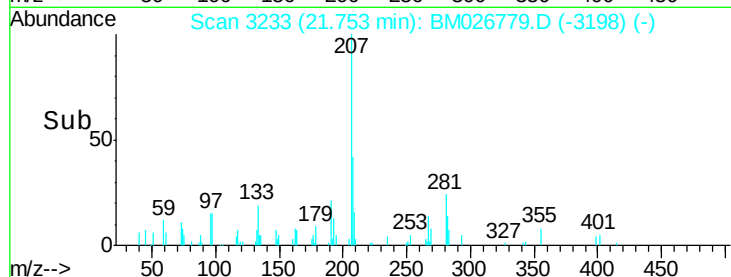
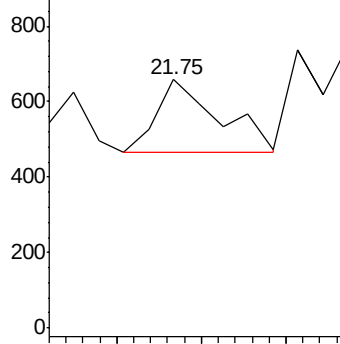
#87
Di-n-octyl phthalate
Concen: 0.008 ng/ul
RT: 21.75 min Scan# 3233
Delta R.T. 0.01 min
Lab File: BM026779.D
Acq: 15 Jul 2020 16:25

Instrument :
BNA_M
ClientSampleId :
SBLK73

Tgt Ion:149 Resp: 199

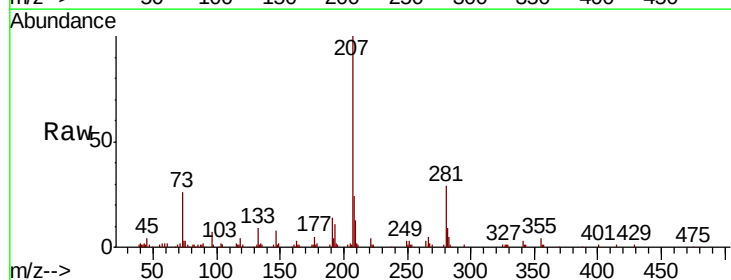


Abundance Ion 149.00 (148.70 to 149.70): E



#88
Benzo(b)fluoranthene
Concen: 0.010 ng/ul
RT: 22.42 min Scan# 3346
Delta R.T. 0.01 min
Lab File: BM026779.D
Acq: 15 Jul 2020 16:25

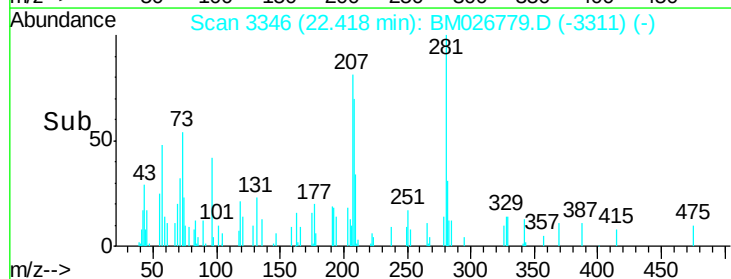
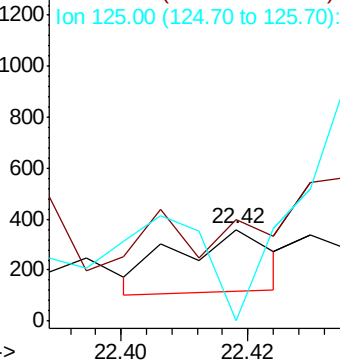
Tgt Ion:252 Resp: 255
Ion Ratio Lower Upper
252 100
253 110.3 17.2 25.8#
125 0.0 7.6 11.4#

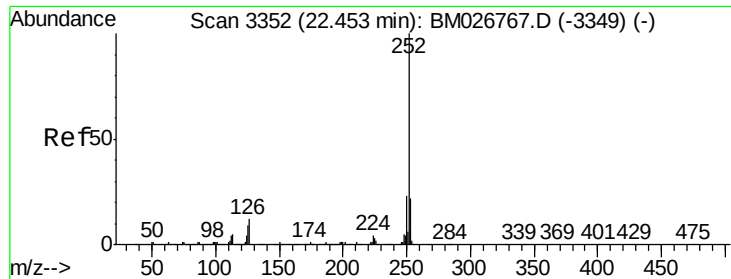


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 0.013 ng/ul

RT: 22.46 min Scan# 3353

Delta R.T. 0.01 min

Lab File: BM026779.D

Acq: 15 Jul 2020 16:25

Instrument :

BNA_M

ClientSampleId :

SBLK73

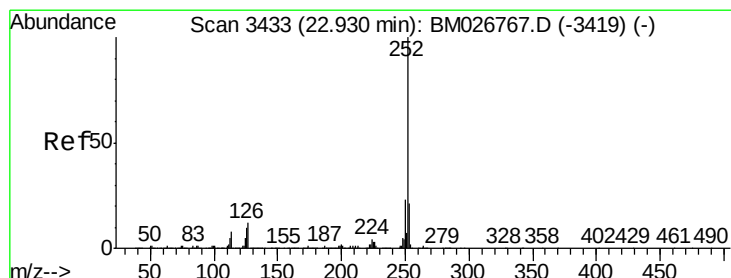
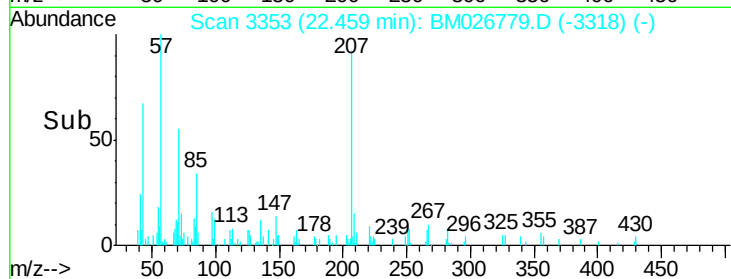
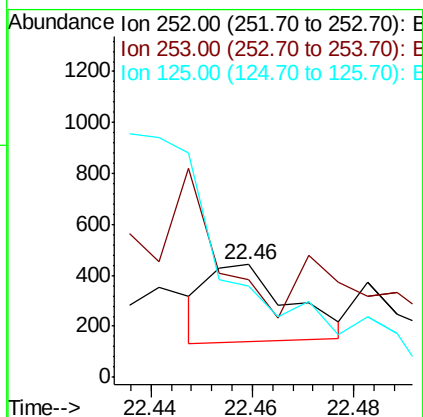
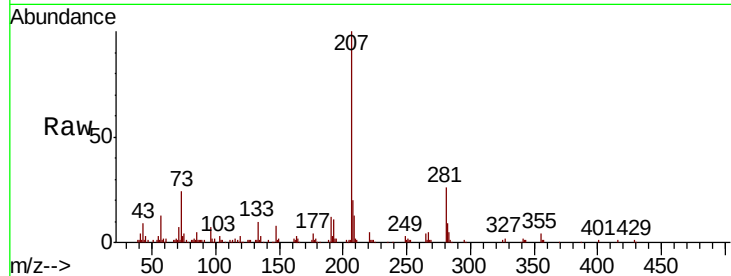
Tot Ion:252 Resp: 336

Ion Ratio Lower Upper

252 100

253 86.2 17.1 25.7#

125 80.6 7.7 11.5#



#91

Benzo(a)pyrene

Concen: 0.019 ng/ul

RT: 22.95 min Scan# 3437

Delta R.T. 0.02 min

Lab File: BM026779.D

Acq: 15 Jul 2020 16:25

Tgt Ion:252 Resp: 449

Ion Ratio Lower Upper

252 100

253 163.6 17.4 26.0#

125 338.4 7.5 11.3#

