

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071520\
 Data File : BM026774.D
 Acq On : 15 Jul 2020 13:23
 Operator : JU/CG
 Sample : PB130168BL
 Misc : PBBL-WATER-05
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK68

Quant Time: Jul 15 14:12:40 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	72410	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	298580	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	180642	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	374930	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	315958	20.00	ng/ul	0.00
86) Perylene-d12	23.02	264	374346	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.90	96	14621	6.07	ng/uL	0.00
5) Phenol-d5	6.52	99	197775	29.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	151550	33.79	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	158845	31.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	161279	30.41	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	76921	32.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	84176	33.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	144706	29.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.21	131	210041	40.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	498302	34.58	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	567417	32.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.23	143	48379	23.26	ng/ul	0.00
58) Fluorene-d10	14.98	176	421691	33.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	60037	25.63	ng/ul	0.00
71) Anthracene-d10	16.83	188	518997	28.11	ng/ul	0.00
79) Pyrene-d10	19.14	212	667061	40.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	677461	33.53	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	2.93	88	81	0.031	ng/uL# 34
4) Benzaldehyde	6.50	77	97	0.028	ng/ul# 8
8) Bis(2-Chloroethyl)ether	6.84	93	145	0.026	ng/ul# 1
15) N-Nitroso-di-n-propylamine	8.03	70	5237	0.987	ng/ul# 1
20) Nitrobenzene	8.45	77	978	0.131	ng/ul# 47
21) Isophorone	9.17	82	10793	0.862	ng/ul# 75
45) Dimethylphthalate	13.40	163	188	0.012	ng/ul# 1
59) Fluorene	14.98	166	1083	0.071	ng/ul# 8
61) 4-Nitroaniline	14.98	138	180	0.066	ng/ul# 1
64) 4,6-Dinitro-2-methylphenol	15.13	198	135	0.054	ng/ul# 1
65) N-Nitrosodiphenylamine	15.14	169	497	0.040	ng/ul# 26
76) Di-n-butylphthalate	17.74	149	412	0.018	ng/ul# 78
80) Pyrene	19.14	202	787	0.035	ng/ul# 1
81) Butylbenzylphthalate	20.11	149	140	0.018	ng/ul# 17
83) Benzo(a)anthracene	20.95	228	1168	0.054	ng/ul# 53
84) Bis(2-ethylhexyl)phthalate	20.91	149	1037	0.088	ng/ul# 53
85) Chrysene	20.95	228	1168	0.054	ng/ul# 52
87) Di-n-octyl phthalate	21.75	149	278	0.012	ng/ul 100
88) Benzo(b)fluoranthene	22.41	252	224	0.009	ng/ul# 1
89) Benzo(k)fluoranthene	22.45	252	372	0.015	ng/ul# 1
91) Benzo(a)pyrene	22.93	252	152	0.007	ng/ul# 1

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 10:09:26 2020
Response via : Initial Calibration

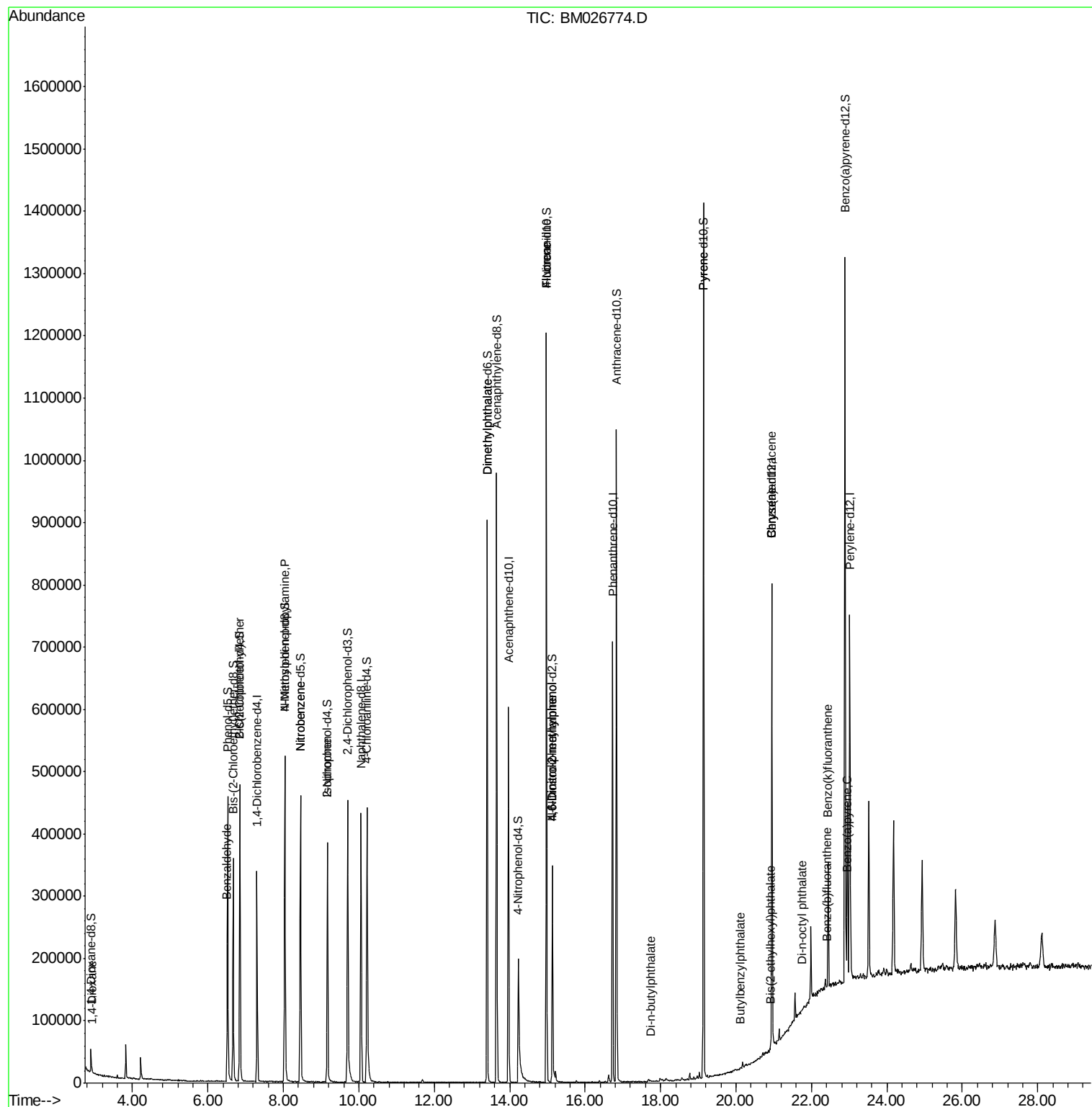
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

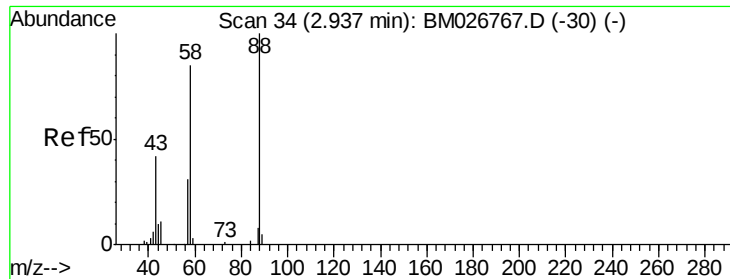
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Quant Title : SVOA CALIBRATION
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#2

1,4-Dioxane

Concen: 0.031 ng/uL

RT: 2.93 min Scan# 33

Delta R.T. -0.01 min

Lab File: BM026774.D

Acq: 15 Jul 2020 13:23

Instrument :

BNA_M

ClientSampleId :

SBLK68

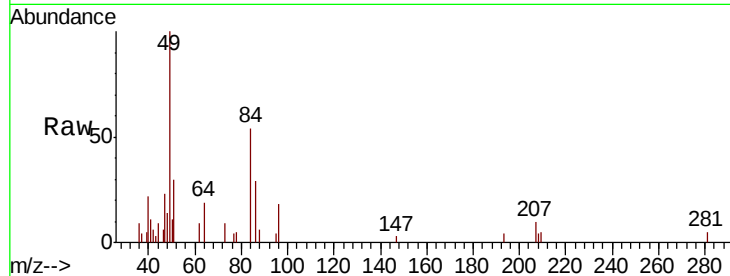
Tot Ion: 88 Resp: 81

Ion Ratio Lower Upper

88 100

43 58.3 38.2 57.2#

58 0.0 68.9 103.3#

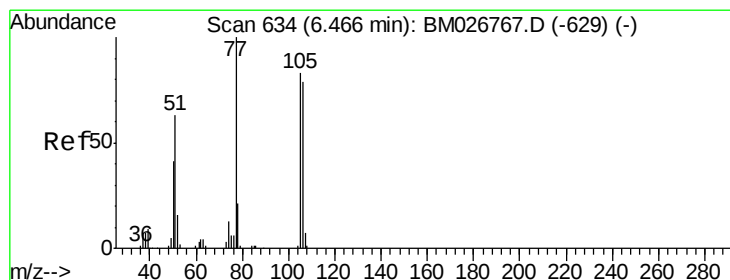
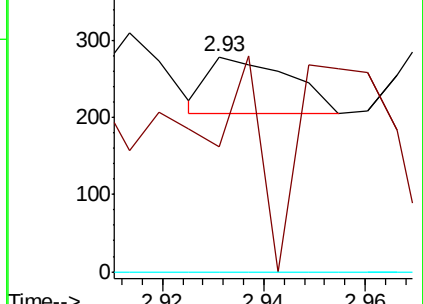
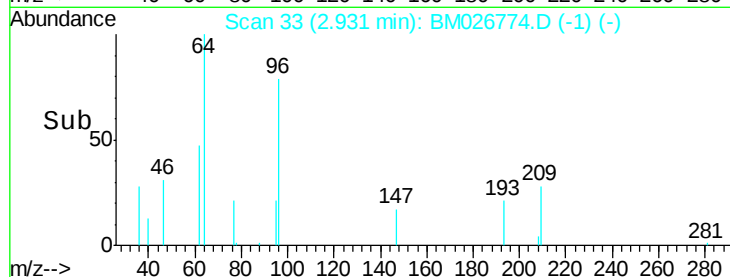


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 43.00 (42.70 to 43.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Time-->



#4

Benzaldehyde

Concen: 0.028 ng/uL

RT: 6.50 min Scan# 640

Delta R.T. 0.04 min

Lab File: BM026774.D

Acq: 15 Jul 2020 13:23

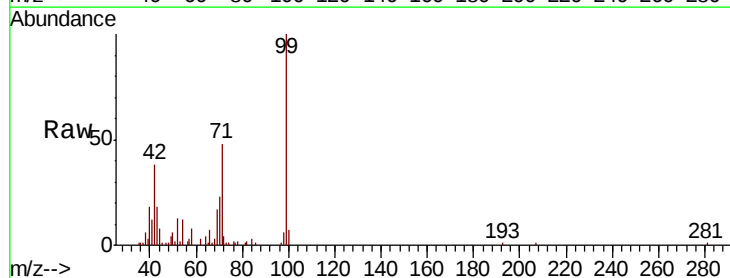
Tgt Ion: 77 Resp: 97

Ion Ratio Lower Upper

77 100

105 0.0 67.5 101.3#

106 0.0 66.2 99.4#

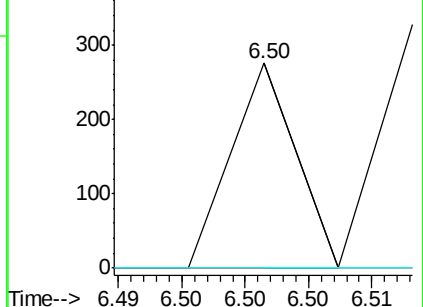
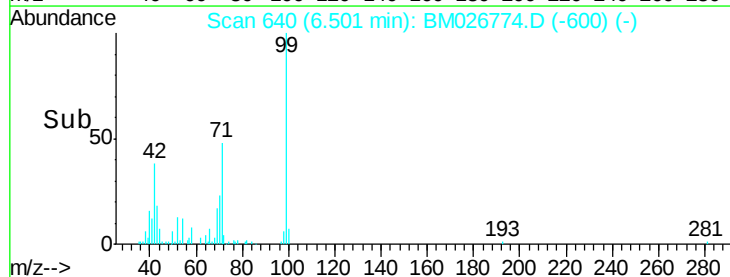


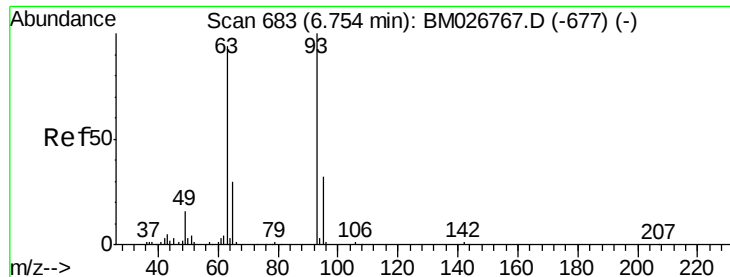
Abundance Ion 77.00 (76.70 to 77.70): BM0

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: 0.026 ng/ul

RT: 6.84 min Scan# 698

Delta R.T. 0.09 min

Lab File: BM026774.D

Acq: 15 Jul 2020 13:23

Instrument :

BNA_M

ClientSampleId :

SBLK68

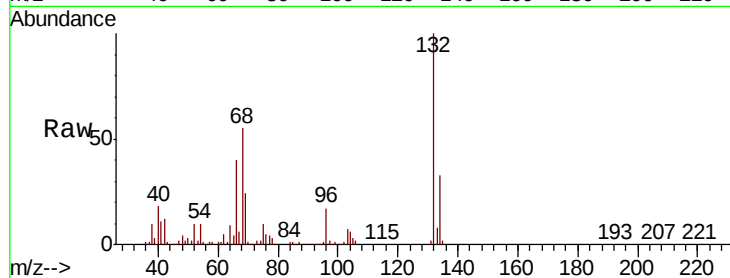
Tot Ion: 93 Resp: 145

Ion Ratio Lower Upper

93 100

63 582.6 75.5 113.3#

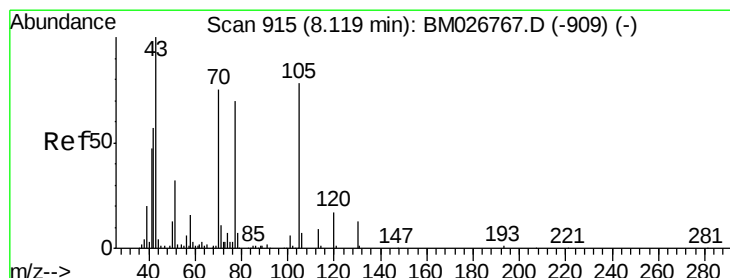
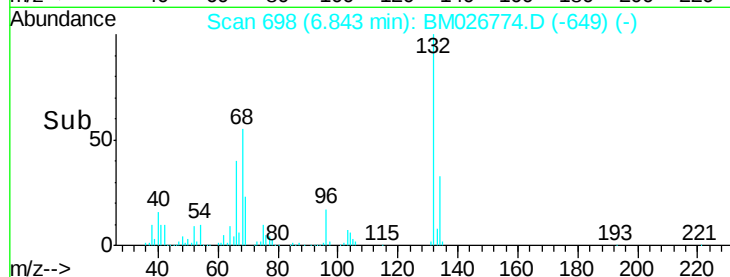
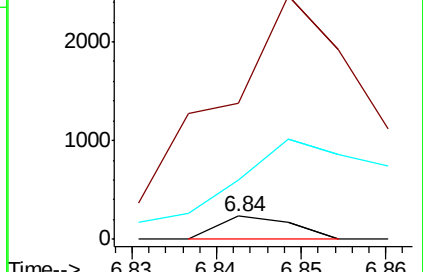
95 254.7 25.2 37.8#



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) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 0.987 ng/ul

RT: 8.03 min Scan# 900

Delta R.T. -0.09 min

Lab File: BM026774.D

Acq: 15 Jul 2020 13:23

Tgt Ion: 70 Resp: 5237

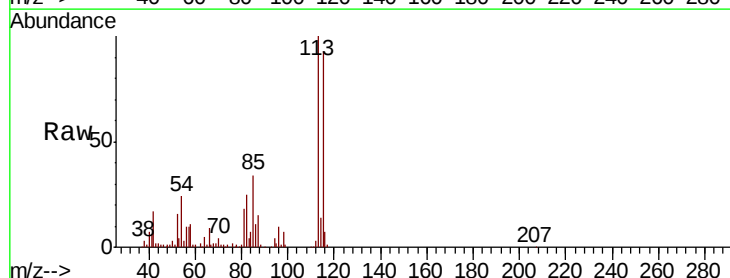
Ion Ratio Lower Upper

70 100

42 432.7 58.5 87.7#

101 0.0 7.0 10.4#

130 0.0 13.2 19.8#

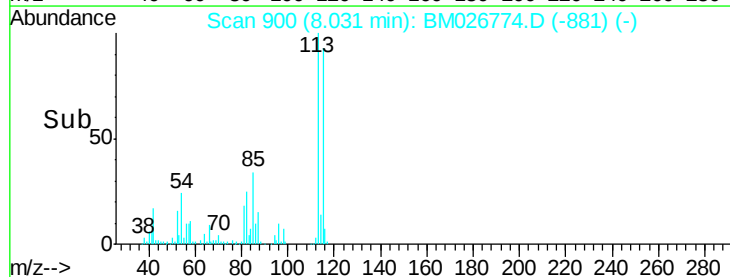
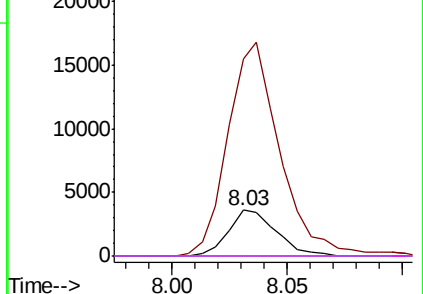


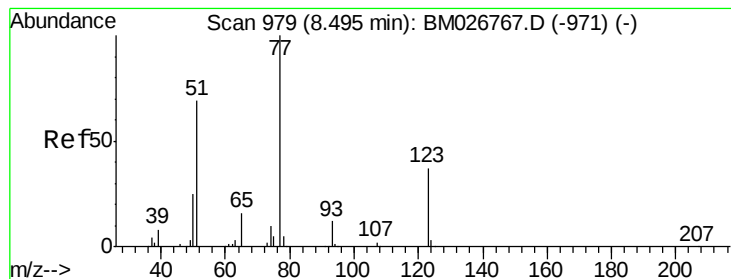
Abundance Ion 70.00 (69.70 to 70.70): BM026767.D (-909) (-)

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) (-)





#20

Nitrobenzene

Concen: 0.131 ng/ul

RT: 8.45 min Scan# 972

Delta R.T. -0.04 min

Lab File: BM026774.D

Acq: 15 Jul 2020 13:23

Instrument :

BNA_M

ClientSampleId :

SBLK68

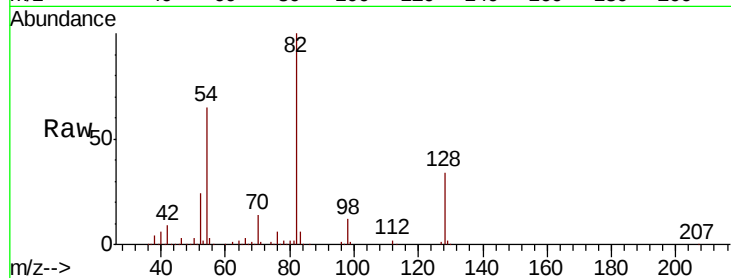
Tot Ion: 77 Resp: 978

Ion Ratio Lower Upper

77 100

123 0.0 29.8 44.8#

65 26.0 11.8 17.6#

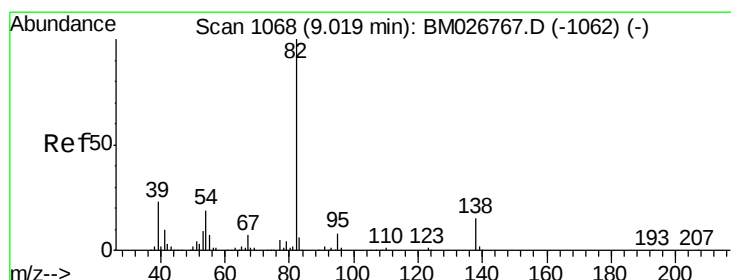
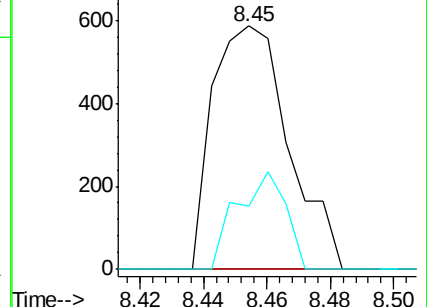
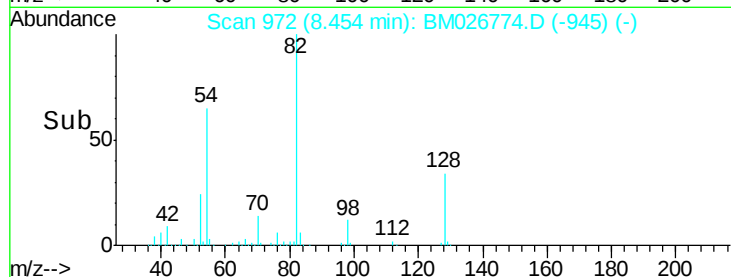


Abundance Ion 77.00 (76.70 to 77.70): BM026767.D (-971) (-)

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

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

Time-->



#21

Isophorone

Concen: 0.862 ng/ul

RT: 9.17 min Scan# 1093

Delta R.T. 0.15 min

Lab File: BM026774.D

Acq: 15 Jul 2020 13:23

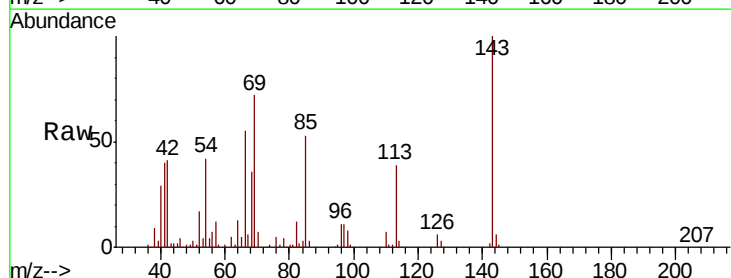
Tgt Ion: 82 Resp: 10793

Ion Ratio Lower Upper

82 100

95 6.5 6.4 9.6

138 0.0 12.2 18.4#

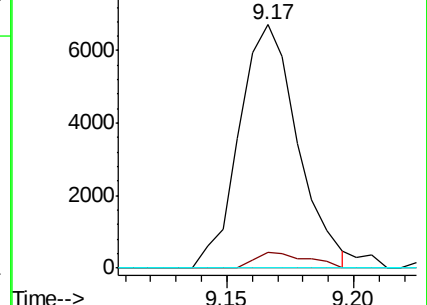
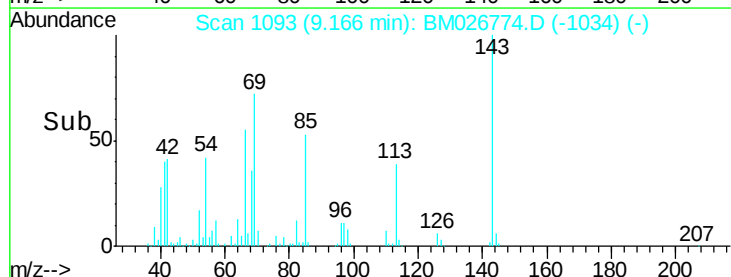


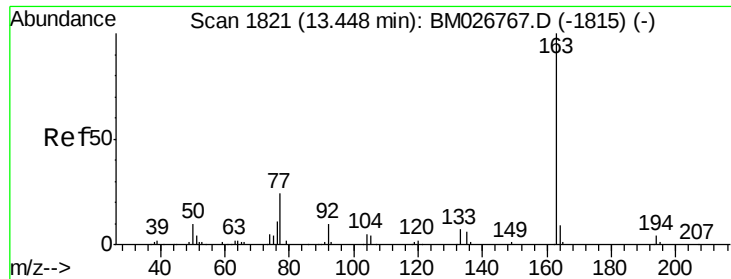
Abundance Ion 82.00 (81.70 to 82.70): BM026767.D (-1062) (-)

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

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

Time-->





#45

Dimethylphthalate

Concen: 0.012 ng/ul

RT: 13.40 min Scan# 1813

Delta R.T. -0.05 min

Lab File: BM026774.D

Acq: 15 Jul 2020 13:23

Instrument :

BNA_M

ClientSampled :

SBLK68

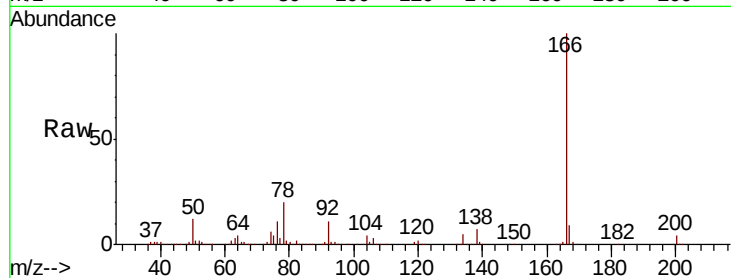
Tot Ion:163 Resp: 188

Ion Ratio Lower Upper

163 100

194 0.0 3.5 5.3#

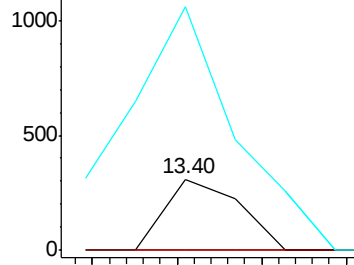
164 342.7 7.8 11.6#



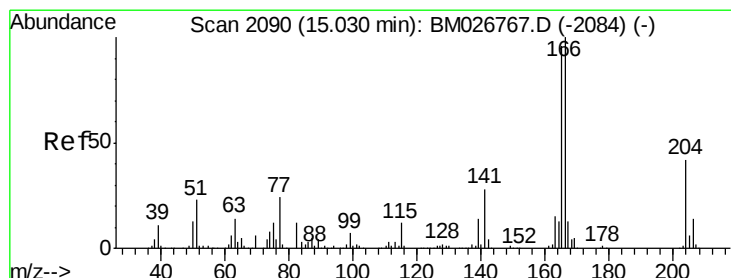
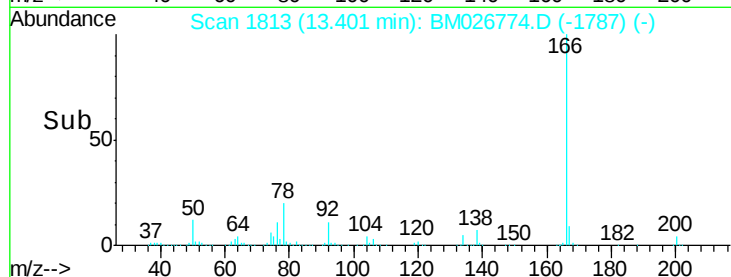
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->



#59

Fluorene

Concen: 0.071 ng/ul

RT: 14.98 min Scan# 2081

Delta R.T. -0.05 min

Lab File: BM026774.D

Acq: 15 Jul 2020 13:23

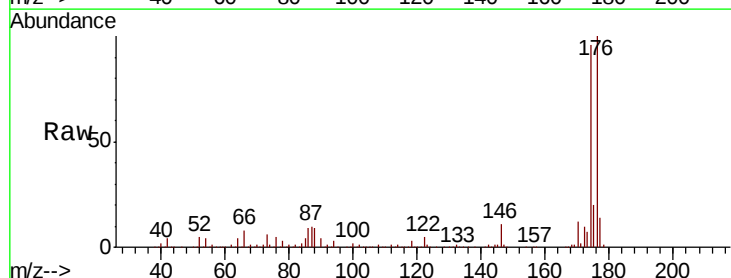
Tgt Ion:166 Resp: 1083

Ion Ratio Lower Upper

166 100

165 0.0 77.0 115.4#

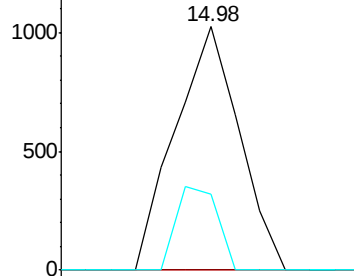
167 31.1 10.7 16.1#



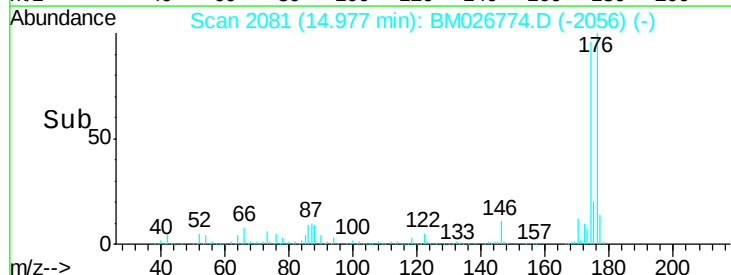
Abundance Ion 166.00 (165.70 to 166.70): E

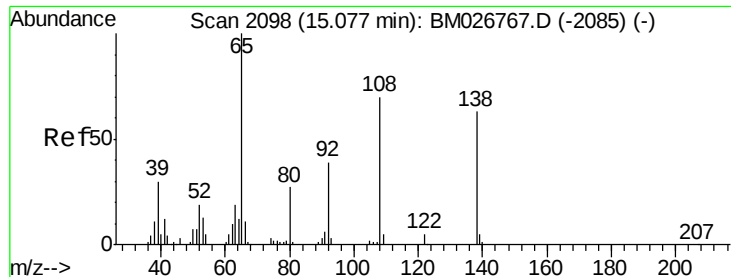
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->

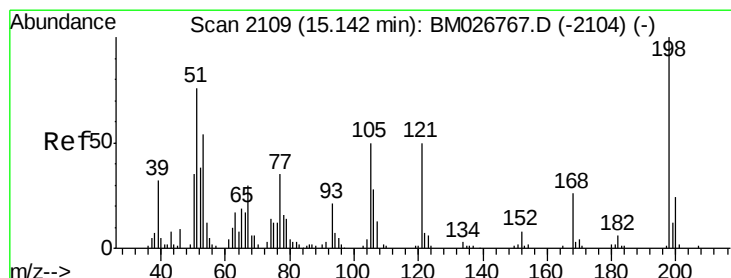
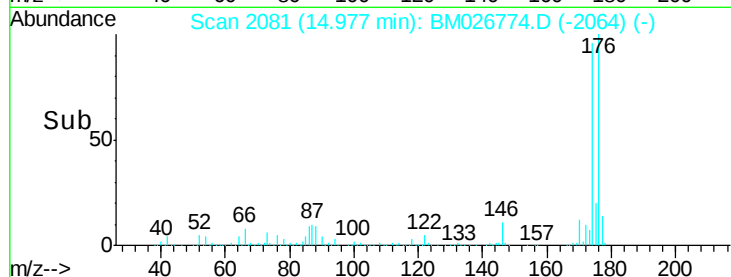
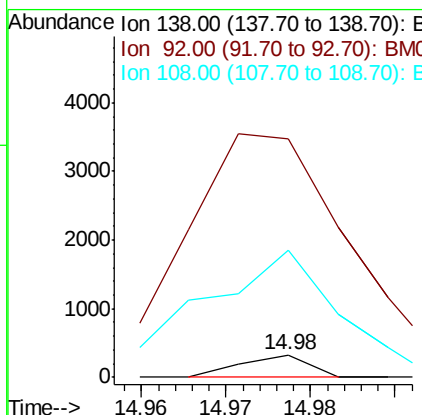
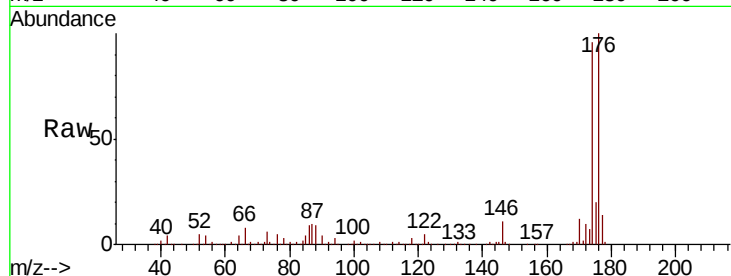




#61
4-Nitroaniline
Concen: 0.066 ng/ul
RT: 14.98 min Scan# 2081
Delta R.T. -0.10 min
Lab File: BM026774.D
Acq: 15 Jul 2020 13:23

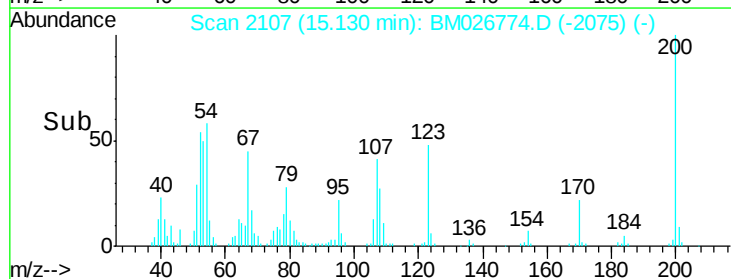
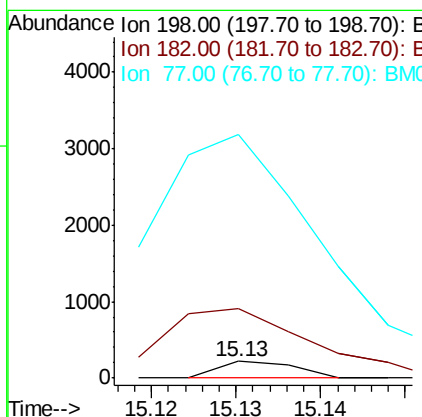
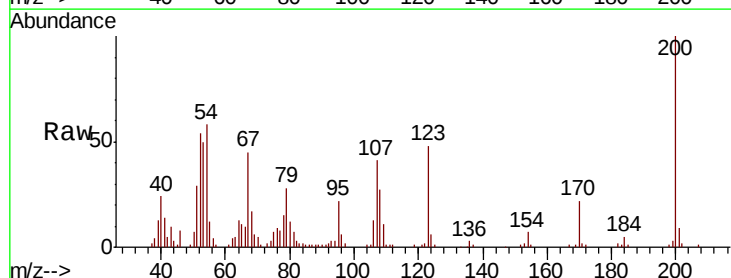
Instrument :
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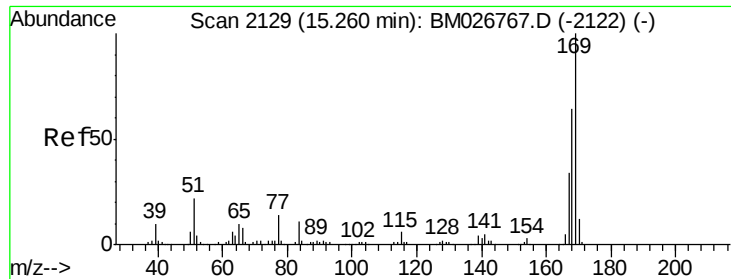
Tot Ion:138 Resp: 180
Ion Ratio Lower Upper
138 100
92 1077.7 47.7 71.5#
108 571.2 82.6 123.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 0.054 ng/ul
RT: 15.13 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BM026774.D
Acq: 15 Jul 2020 13:23

Tgt Ion:198 Resp: 135
Ion Ratio Lower Upper
198 100
182 421.9 4.0 6.0#
77 1481.4 26.7 40.1#

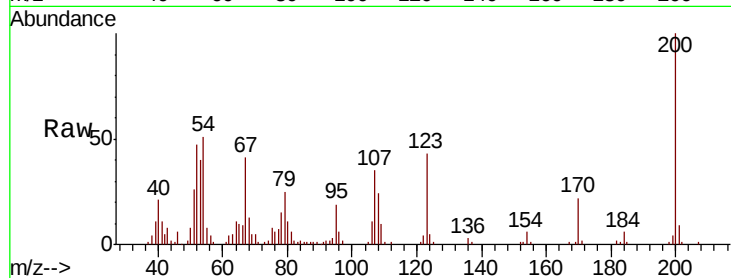




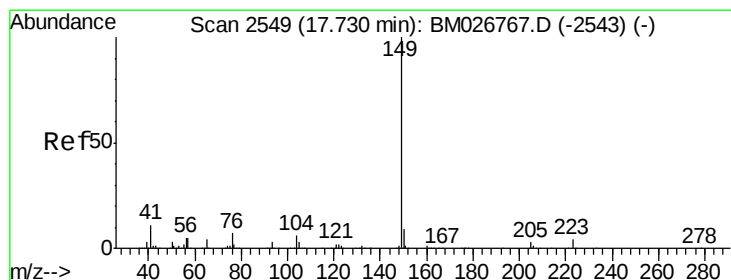
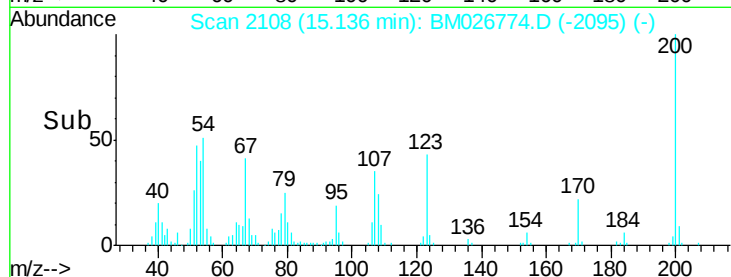
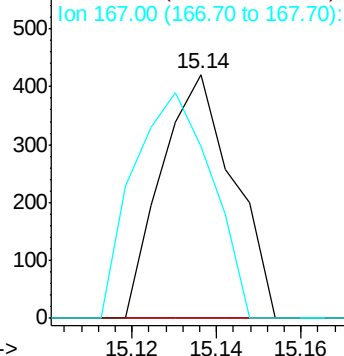
#65
N-Nitrosodiphenylamine
Concen: 0.040 ng/ul
RT: 15.14 min Scan# 2108
Delta R.T. -0.12 min
Lab File: BM026774.D
Acq: 15 Jul 2020 13:23

Instrument :
BNA_M
ClientSampleId :
SBLK68

Tot Ion:169 Resp: 497
Ion Ratio Lower Upper
169 100
168 0.0 51.7 77.5#
167 70.5 28.4 42.6#

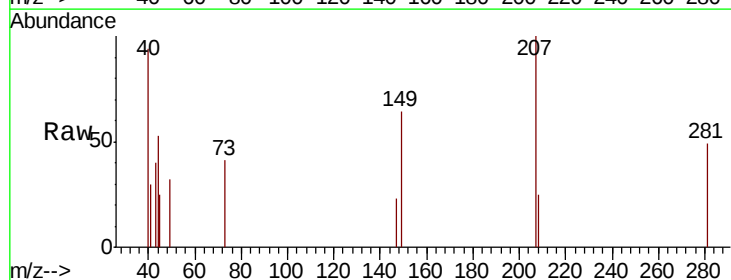


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

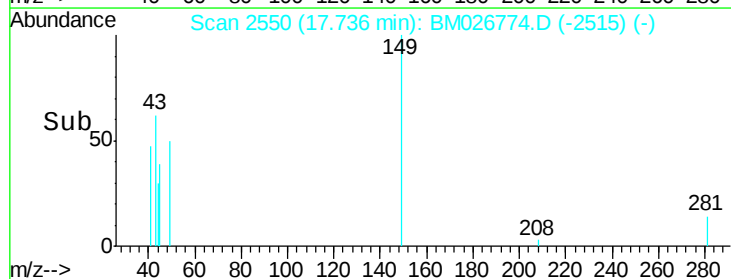
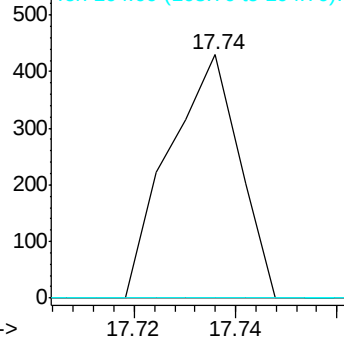


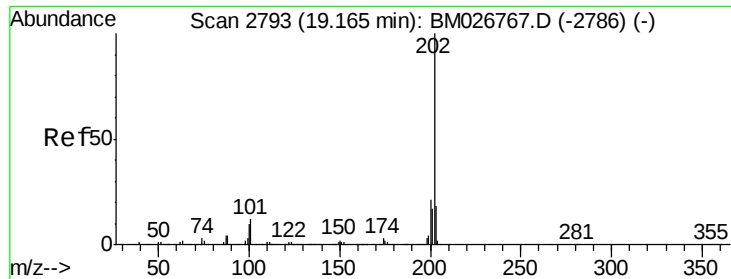
#76
Di-n-butylphthalate
Concen: 0.018 ng/ul
RT: 17.74 min Scan# 2550
Delta R.T. 0.01 min
Lab File: BM026774.D
Acq: 15 Jul 2020 13:23

Tgt Ion:149 Resp: 412
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

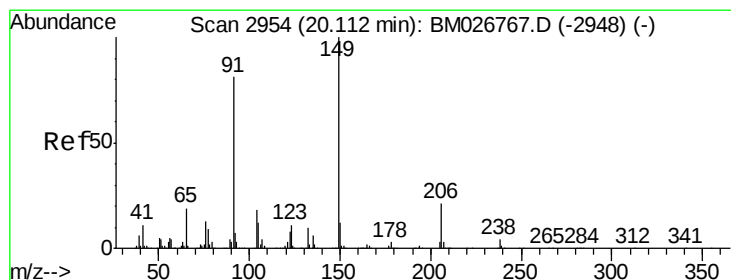
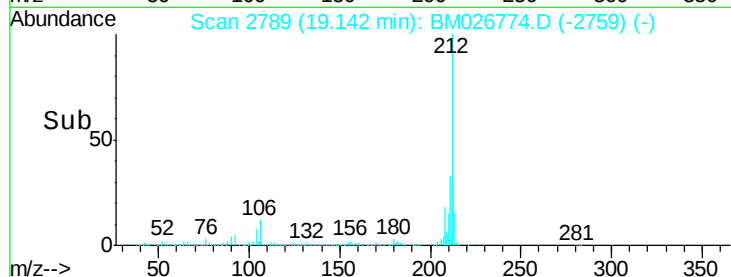
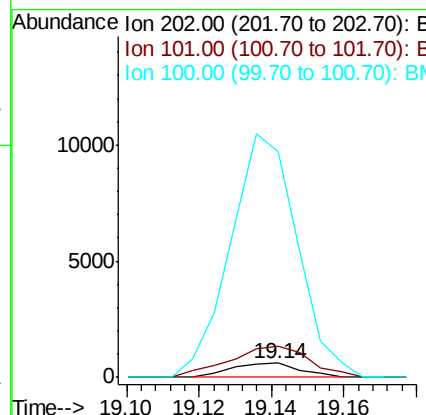
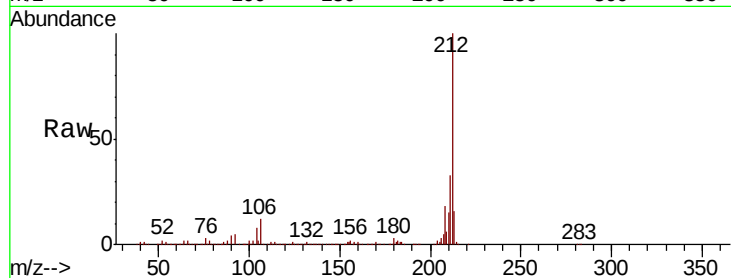




#80
Pvrene
Concen: 0.035 ng/ul
RT: 19.14 min Scan# 2789
Delta R.T. -0.02 min
Lab File: BM026774.D
Acq: 15 Jul 2020 13:23

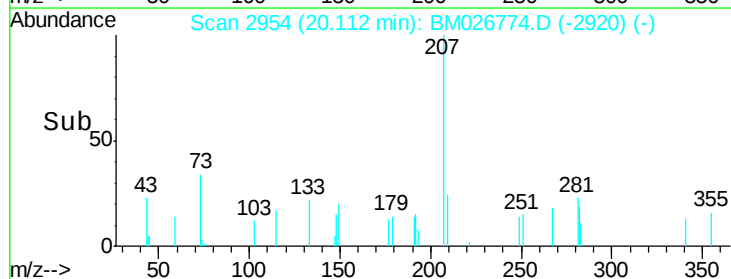
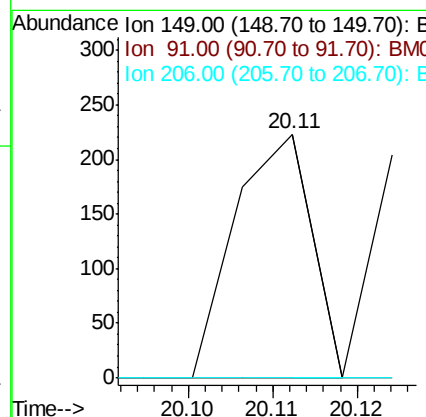
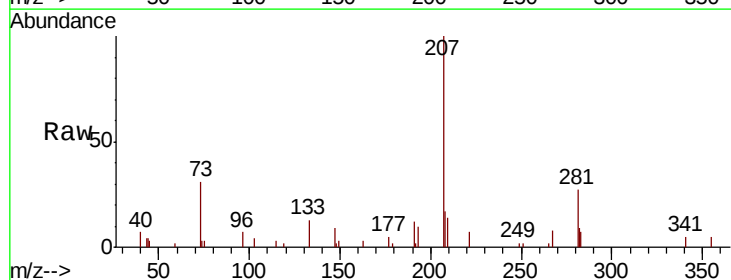
Instrument :
BNA_M
ClientSampled :
SBLK68

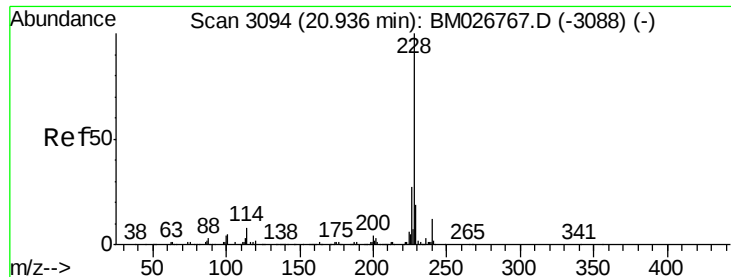
Tot Ion:202 Resp: 787
Ion Ratio Lower Upper
202 100
101 213.8 9.4 14.2#
100 1581.0 8.0 12.0#



#81
Butylbenzylphthalate
Concen: 0.018 ng/ul
RT: 20.11 min Scan# 2954
Delta R.T. -0.00 min
Lab File: BM026774.D
Acq: 15 Jul 2020 13:23

Tgt Ion:149 Resp: 140
Ion Ratio Lower Upper
149 100
91 0.0 66.4 99.6#
206 0.0 16.3 24.5#





#83

Benzo(a)anthracene

Concen: 0.054 ng/ul

RT: 20.95 min Scan# 3097

Delta R.T. 0.02 min

Lab File: BM026774.D

Acq: 15 Jul 2020 13:23

Instrument :

BNA_M

ClientSampleId :

SBLK68

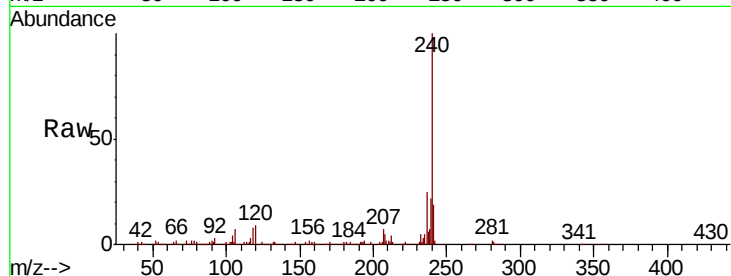
Tot Ion:228 Resp: 1168

Ion Ratio Lower Upper

228 100

229 37.3 15.4 23.0#

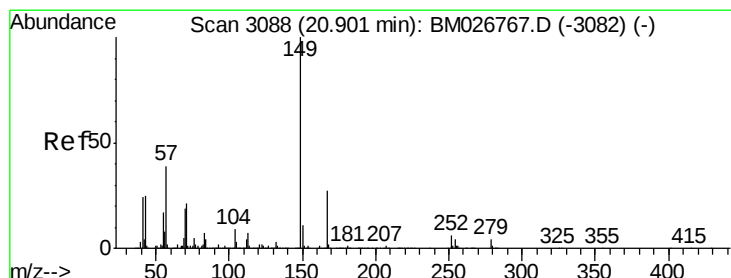
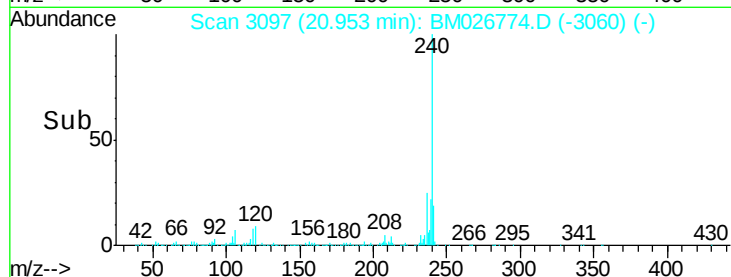
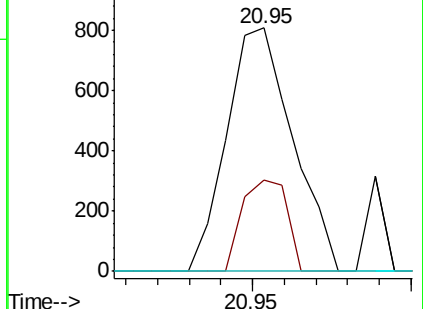
226 0.0 21.2 31.8#



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: 0.088 ng/ul

RT: 20.91 min Scan# 3089

Delta R.T. 0.01 min

Lab File: BM026774.D

Acq: 15 Jul 2020 13:23

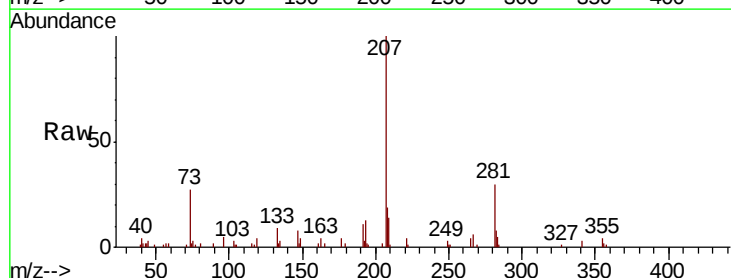
Tgt Ion:149 Resp: 1037

Ion Ratio Lower Upper

149 100

167 0.0 22.1 33.1#

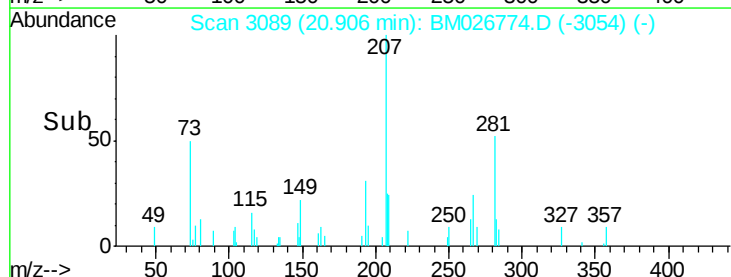
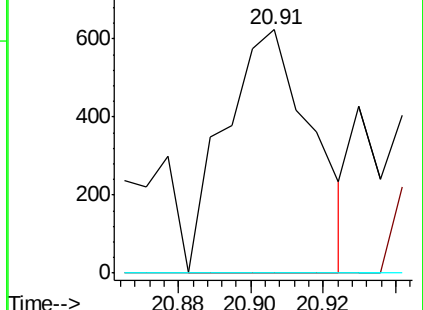
279 0.0 3.6 5.4#

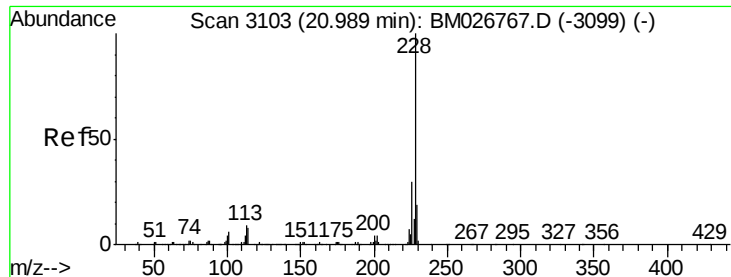


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 0.054 ng/ul

RT: 20.95 min Scan# 3097

Delta R.T. -0.04 min

Lab File: BM026774.D

Acq: 15 Jul 2020 13:23

Instrument :

BNA_M

ClientSampled :

SBLK68

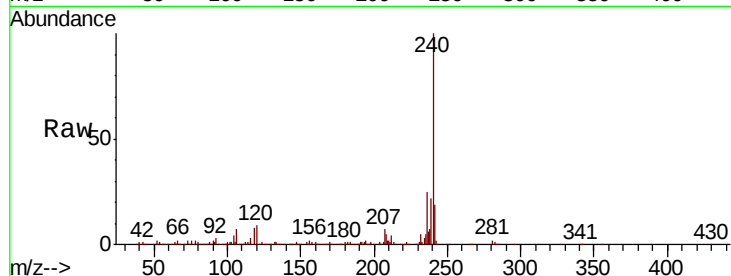
Tot Ion:228 Resp: 1168

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.6#

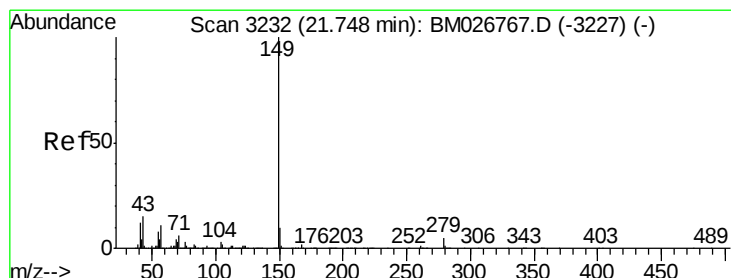
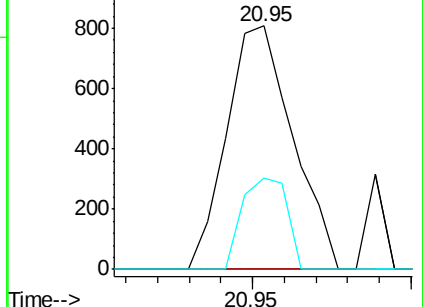
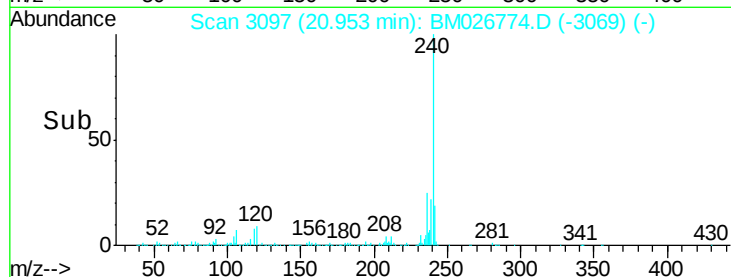
229 37.3 15.5 23.3#



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: 0.012 ng/ul

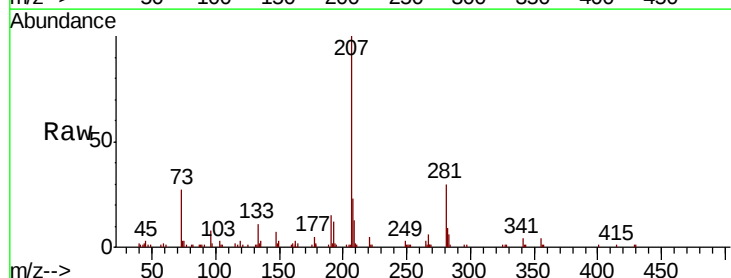
RT: 21.75 min Scan# 3233

Delta R.T. 0.01 min

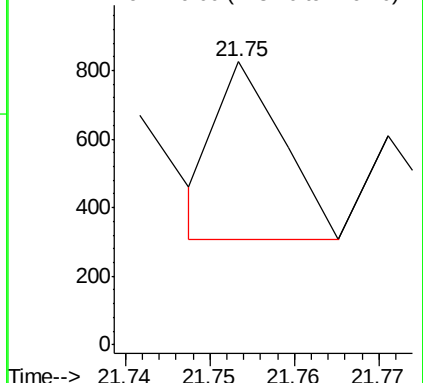
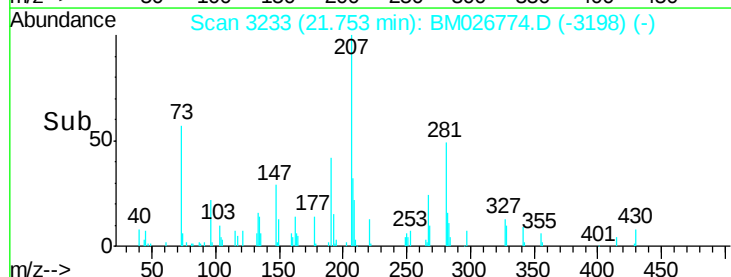
Lab File: BM026774.D

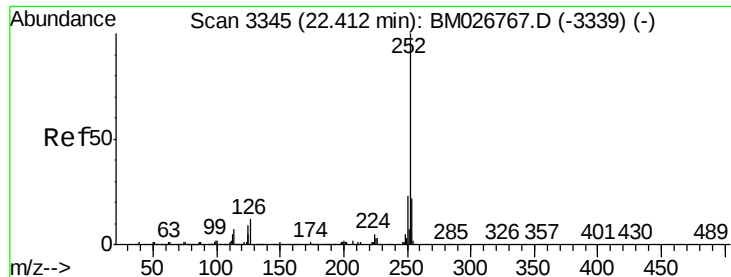
Acq: 15 Jul 2020 13:23

Tgt Ion:149 Resp: 278



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 0.009 ng/ul

RT: 22.41 min Scan# 3344

Delta R.T. -0.01 min

Lab File: BM026774.D

Acq: 15 Jul 2020 13:23

Instrument :

BNA_M

ClientSampleId :

SBLK68

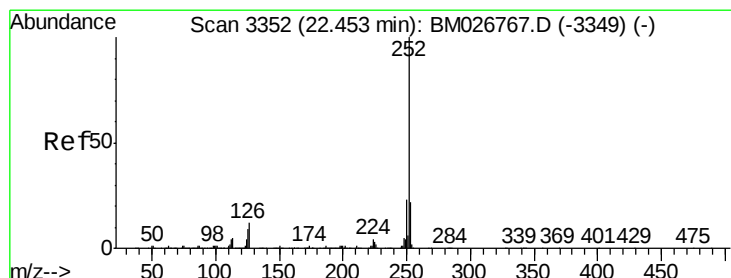
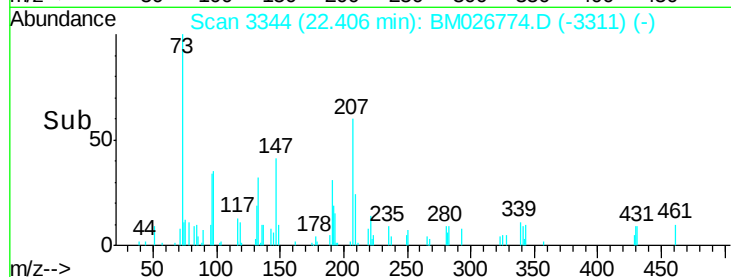
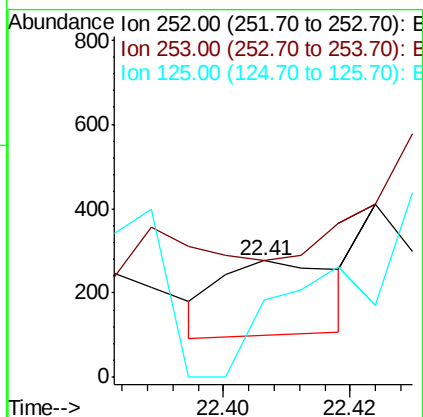
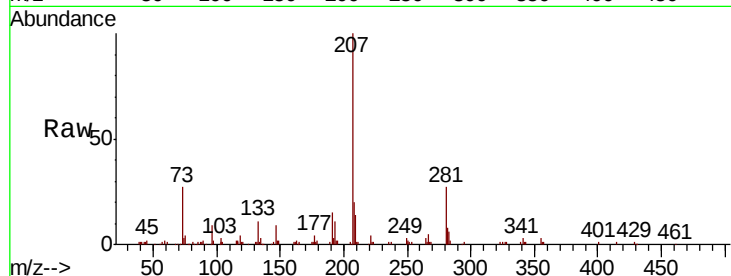
Tot Ion:252 Resp: 224

Ion Ratio Lower Upper

252 100

253 100.4 17.2 25.8#

125 66.4 7.6 11.4#



#89

Benzo(k)fluoranthene

Concen: 0.015 ng/ul

RT: 22.45 min Scan# 3351

Delta R.T. -0.01 min

Lab File: BM026774.D

Acq: 15 Jul 2020 13:23

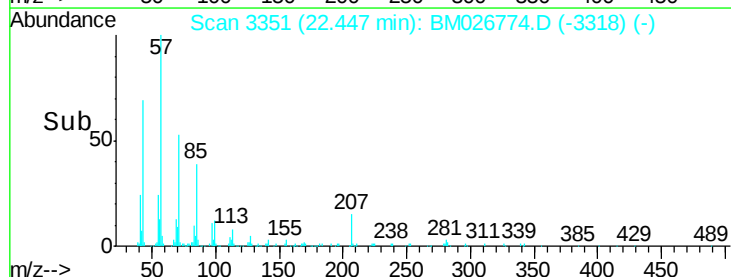
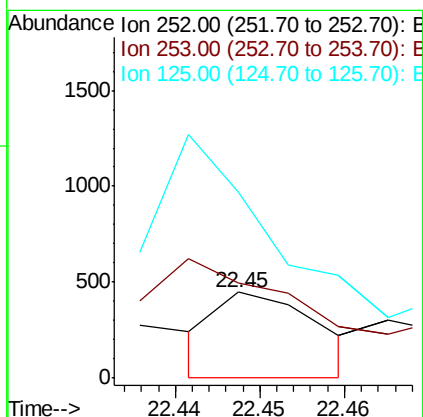
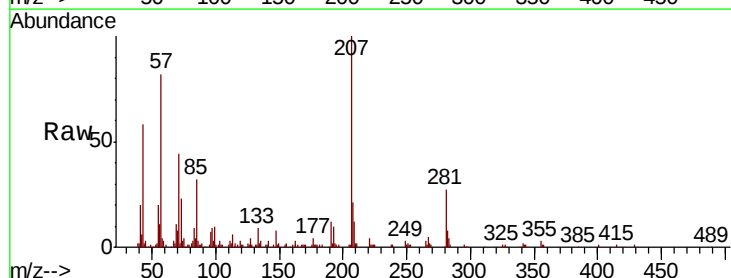
Tgt Ion:252 Resp: 372

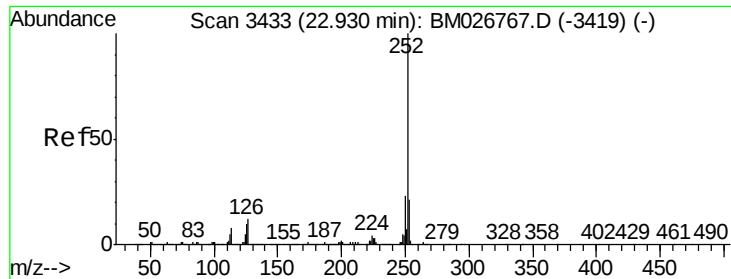
Ion Ratio Lower Upper

252 100

253 110.5 17.1 25.7#

125 216.0 7.7 11.5#





#91

Benzo(a)pyrene

Concen: 0.007 ng/ul

RT: 22.93 min Scan# 3433

Delta R.T. -0.00 min

Lab File: BM026774.D

Acq: 15 Jul 2020 13:23

Instrument :

BNA_M

ClientSampleId :

SBLK68

Tot Ion:252 Resp: 152

Ion Ratio Lower Upper

252 100

253 215.8 17.4 26.0#

125 92.6 7.5 11.3#

