

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091920\
 Data File : BM027475.D
 Acq On : 18 Sep 2020 23:14
 Operator : JU/CG
 Sample : L4046-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG0Q0

Quant Time: Sep 19 00:31:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 19 00:24:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	121447	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	452986	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	307359	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	662424	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	654846	20.00	ng/ul	0.00
86) Perylene-d12	23.23	264	677509	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.05	96	18088	6.63	ng/uL	0.00
5) Phenol-d5	6.69	99	97974	9.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	257855	38.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	259387	35.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	175397	21.48	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	148629	43.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	178218	47.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	337944	41.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	69792	7.34	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	1115204	45.60	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1378107	49.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	201	0.05	ng/ul	-0.02
58) Fluorene-d10	15.14	176	962445	43.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	178083	42.01	ng/ul	0.00
71) Anthracene-d10	16.99	188	1497666	47.81	ng/ul	0.00
79) Pyrene-d10	19.30	212	1628130	55.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	1729326	47.59	ng/ul	0.00

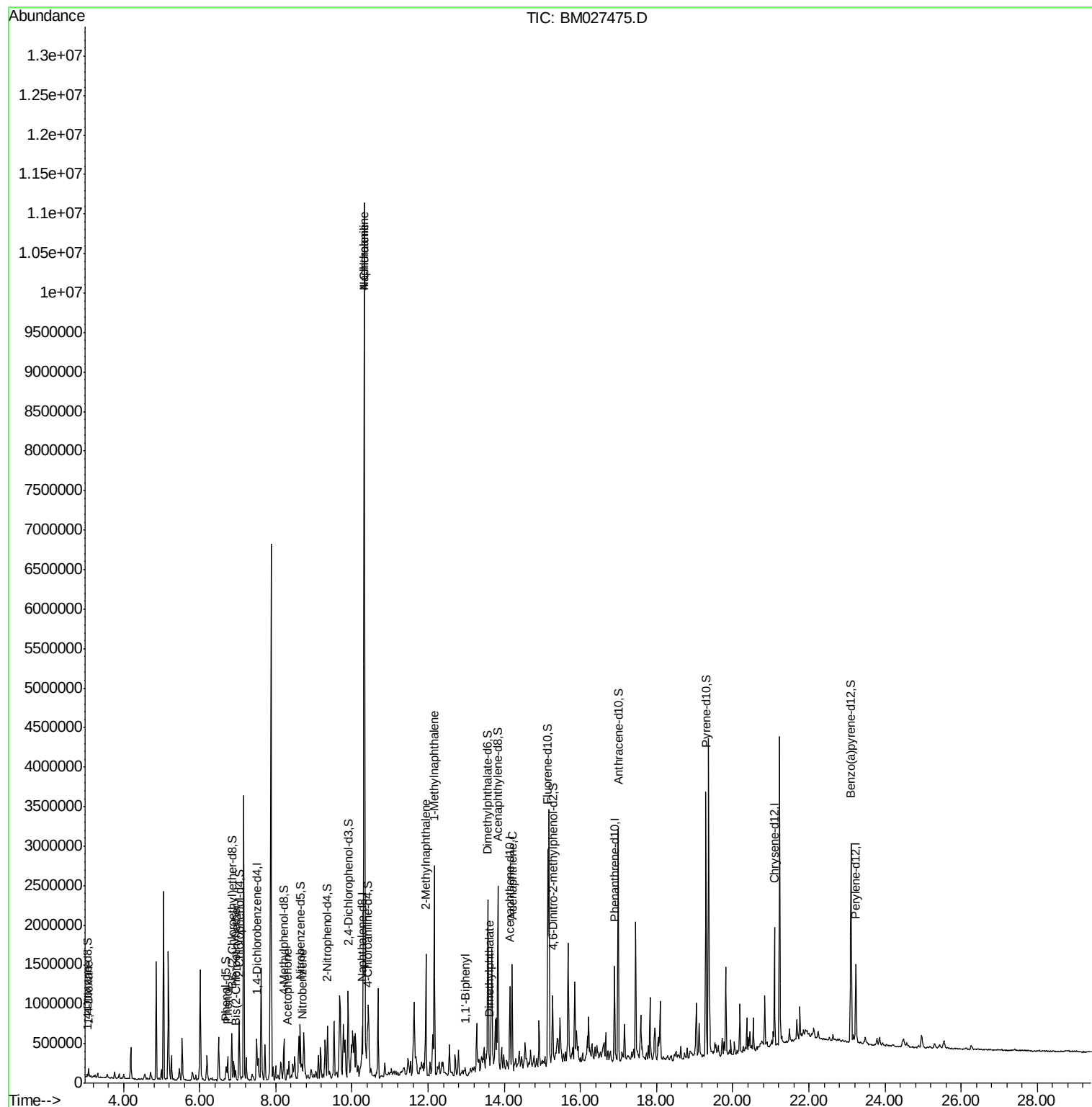
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) 1,4-Dioxane	3.09	88	51682	15.821	ng/uL	95
6) Phenol	6.72	94	44107	4.146	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.93	93	18004	2.107	ng/ul	93
14) Acetophenone	8.30	105	57039	4.163	ng/ul#	35
20) Nitrobenzene	8.69	77	11569	1.039	ng/ul#	48
28) Naphthalene	10.33	128	8541965	354.894	ng/ul	99
30) 4-Chloroaniline	10.33	127	1137674	118.651	ng/ul#	11
34) 2-Methylnaphthalene	11.94	142	665095	36.550	ng/ul	97
35) 1-Methylnaphthalene	12.16	142	1123259	62.029	ng/ul	98
41) 1,1'-Biphenyl	12.97	154	39267	1.699	ng/ul	98
45) Dimethylphthalate	13.62	163	43435	1.685	ng/ul#	94
50) Acenaphthene	14.21	153	330400	16.496	ng/ul	98

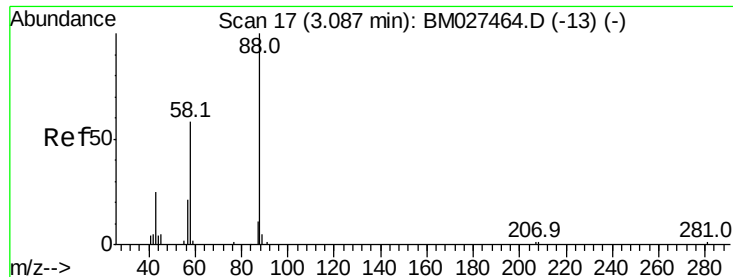
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 15.821 ng/uL

RT: 3.09 min Scan# 17

Delta R.T. -0.00 min

Lab File: BM027475.D

Acq: 18 Sep 2020 23:14

Instrument :

BNA_M

ClientSampleId :

BG0Q0

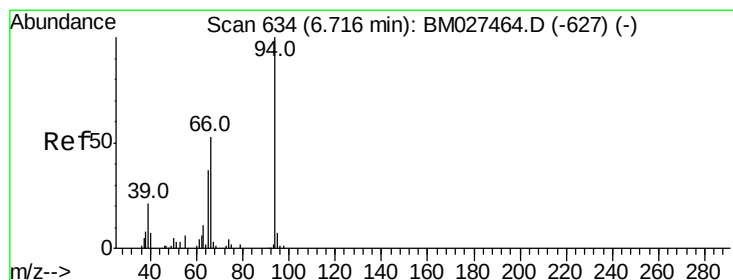
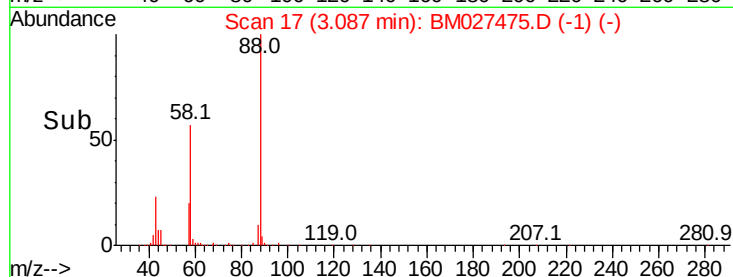
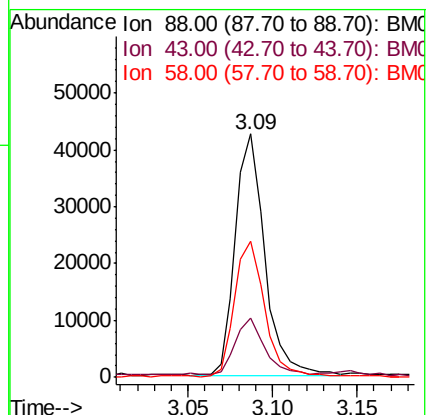
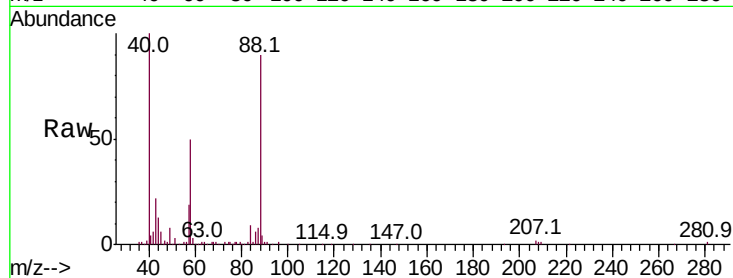
Tot Ion: 88 Resp: 51682

Ion Ratio Lower Upper

88 100

43 24.5 21.7 32.5

58 55.8 47.4 71.0



#6

Phenol

Concen: 4.146 ng/uL

RT: 6.72 min Scan# 634

Delta R.T. -0.00 min

Lab File: BM027475.D

Acq: 18 Sep 2020 23:14

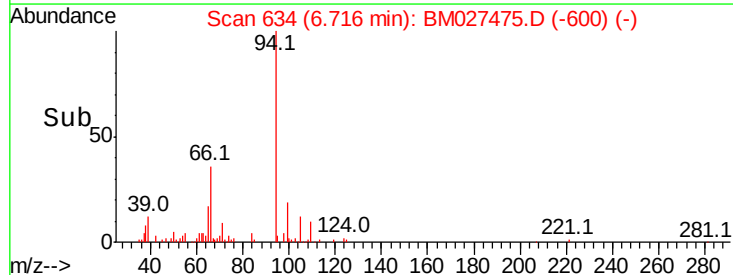
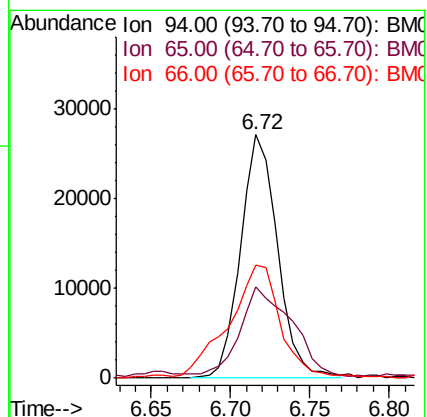
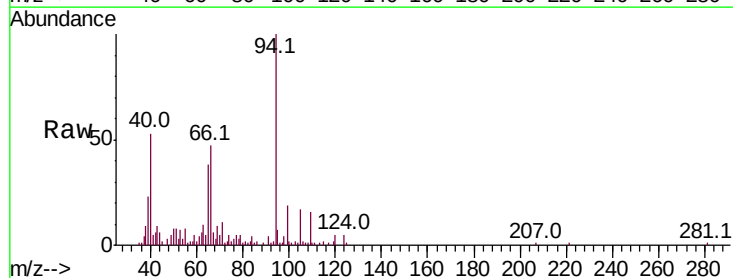
Tgt Ion: 94 Resp: 44107

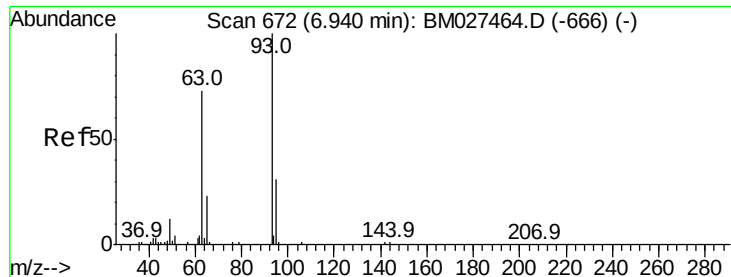
Ion Ratio Lower Upper

94 100

65 37.6 30.2 45.4

66 46.5 42.4 63.6





#8

Bis(2-Chloroethyl)ether

Concen: 2.107 ng/ul

RT: 6.93 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM027475.D

Acq: 18 Sep 2020 23:14

Instrument :

BNA_M

ClientSampleId :

BG0Q0

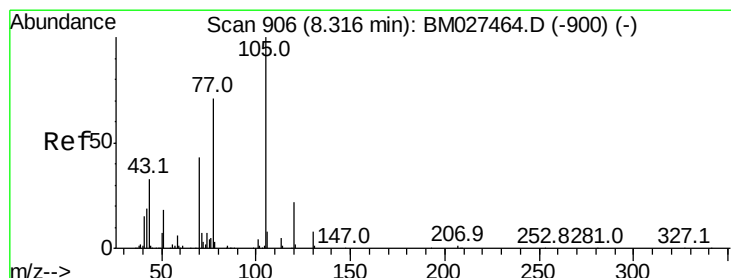
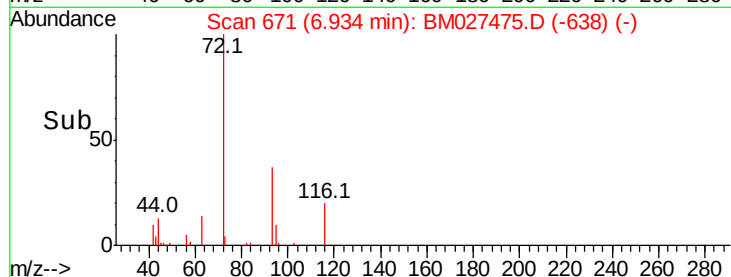
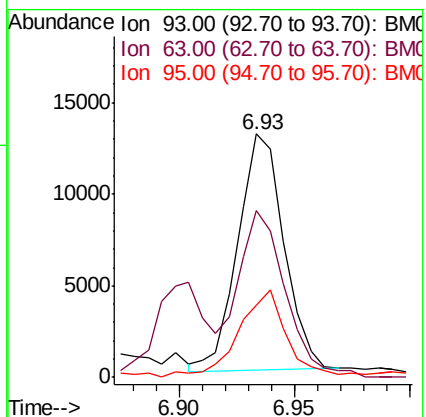
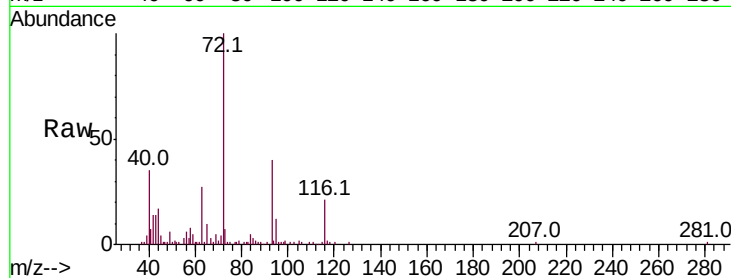
Tot Ion: 93 Resp: 18004

Ion Ratio Lower Upper

93 100

63 68.4 60.6 90.8

95 29.8 25.0 37.4



#14

Acetophenone

Concen: 4.163 ng/ul

RT: 8.30 min Scan# 904

Delta R.T. -0.01 min

Lab File: BM027475.D

Acq: 18 Sep 2020 23:14

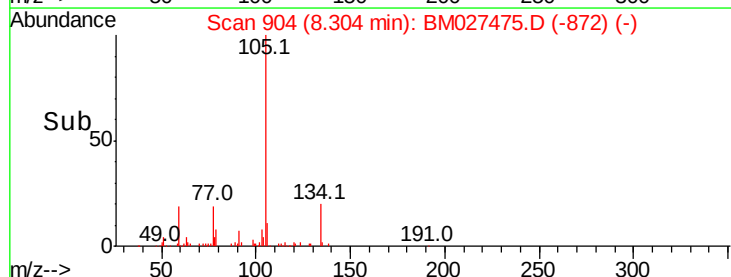
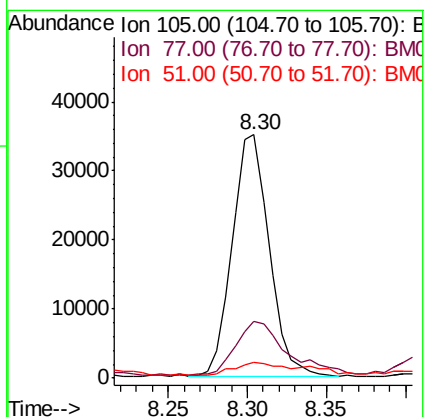
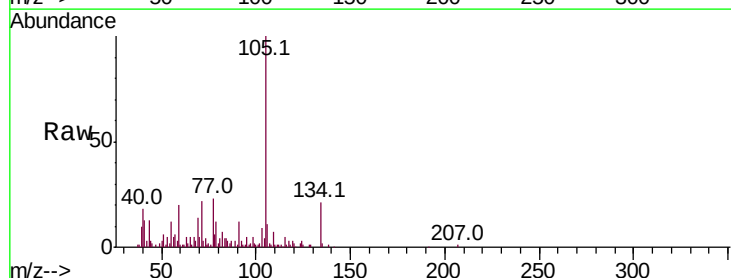
Tgt Ion: 105 Resp: 57039

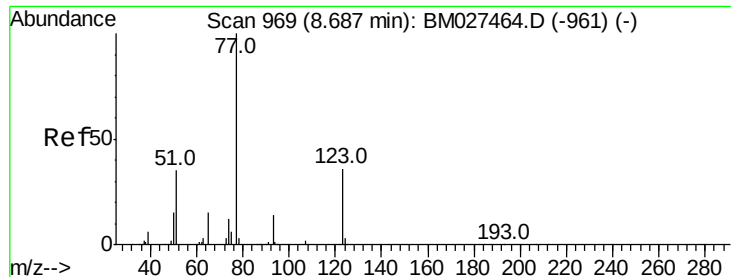
Ion Ratio Lower Upper

105 100

77 23.2 74.4 111.6#

51 6.3 19.2 28.8#





#20

Nitrobenzene

Concen: 1.039 ng/ul

RT: 8.69 min Scan# 969

Delta R.T. -0.00 min

Lab File: BM027475.D

Acq: 18 Sep 2020 23:14

Instrument :

BNA_M

ClientSampleId :

BG0Q0

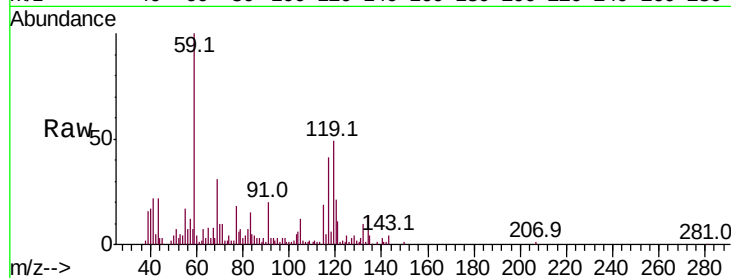
Tot Ion: 77 Resp: 11569

Ion Ratio Lower Upper

77 100

123 9.3 27.2 40.8#

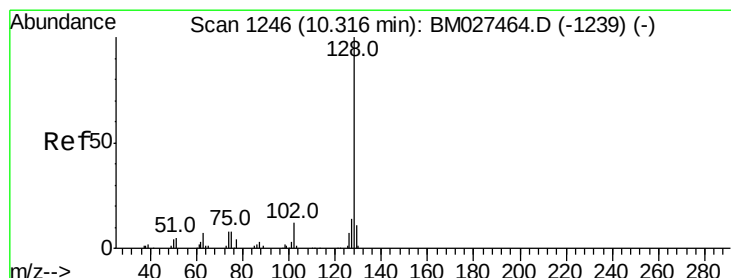
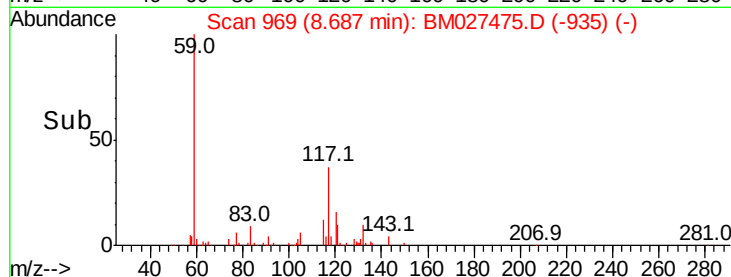
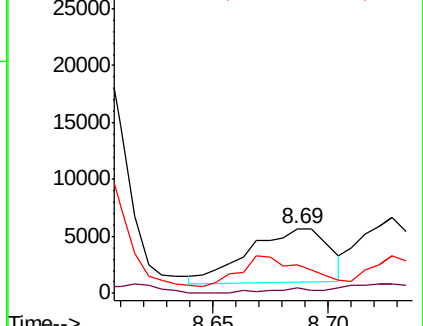
65 44.4 11.8 17.6#



Abundance Ion 77.00 (76.70 to 77.70): BM027464.D (-961) (-)

Ion 123.00 (122.70 to 123.70): BM027464.D (-961) (-)

Ion 65.00 (64.70 to 65.70): BM027464.D (-961) (-)



#28

Naphthalene

Concen: 354.894 ng/ul

RT: 10.33 min Scan# 1248

Delta R.T. 0.01 min

Lab File: BM027475.D

Acq: 18 Sep 2020 23:14

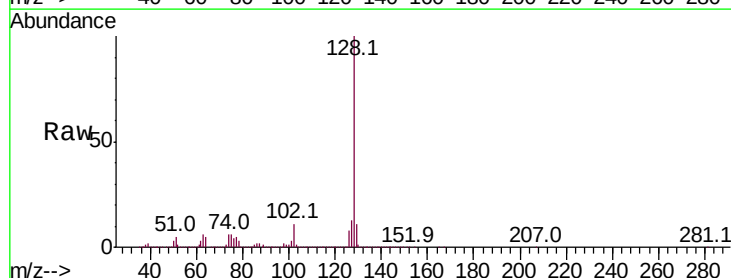
Tgt Ion: 128 Resp: 8541965

Ion Ratio Lower Upper

128 100

129 11.0 8.4 12.6

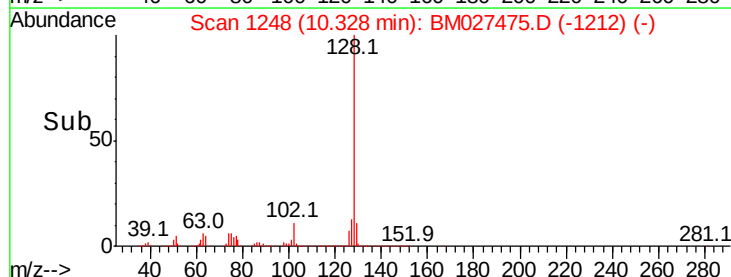
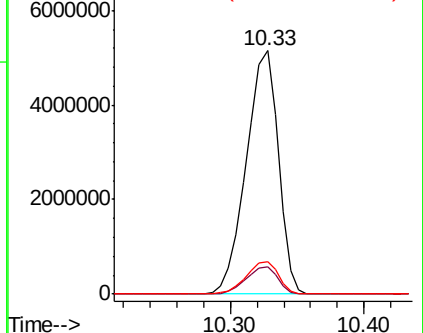
127 13.3 10.3 15.5

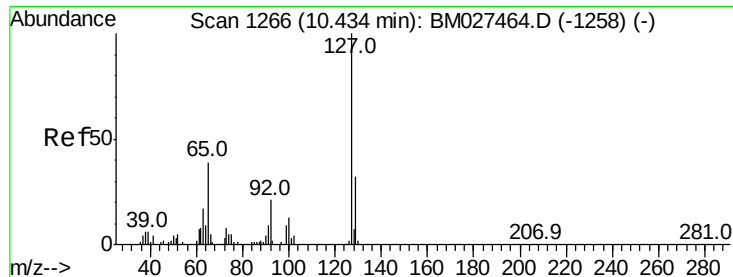


Abundance Ion 128.00 (127.70 to 128.70): BM027464.D (-1239) (-)

Ion 129.00 (128.70 to 129.70): BM027464.D (-1239) (-)

Ion 127.00 (126.70 to 127.70): BM027464.D (-1239) (-)

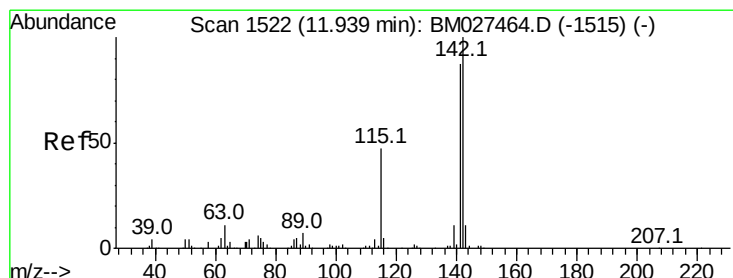
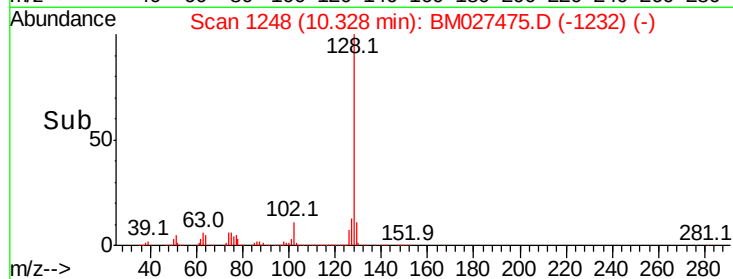
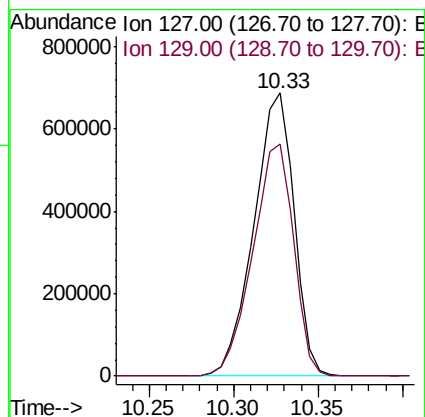
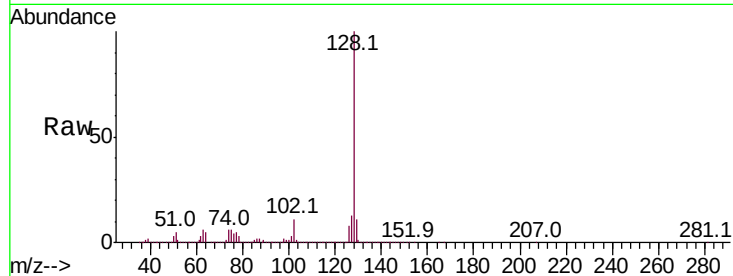




#30
 4-Chloroaniline
 Concen: 118.651 ng/ul
 RT: 10.33 min Scan# 1248
 Delta R.T. -0.11 min
 Lab File: BM027475.D
 Acq: 18 Sep 2020 23:14

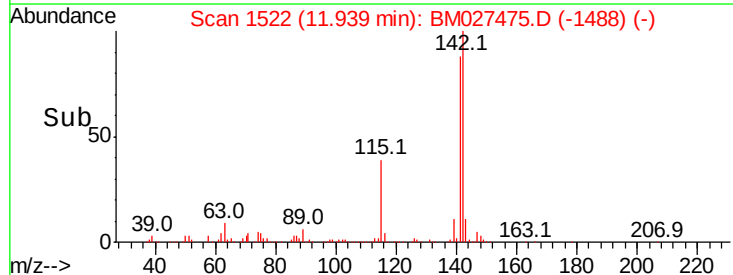
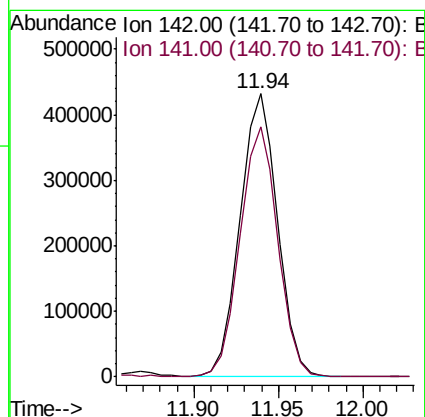
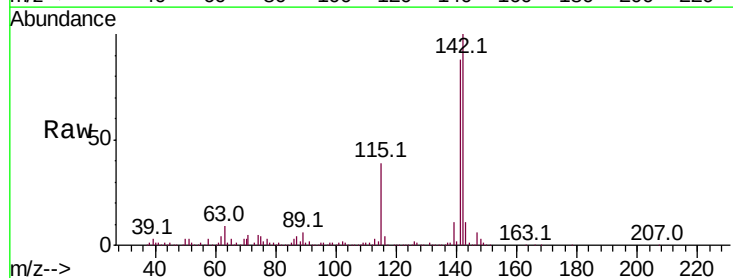
Instrument :
 BNA_M
 ClientSampleId :
 BG0Q0

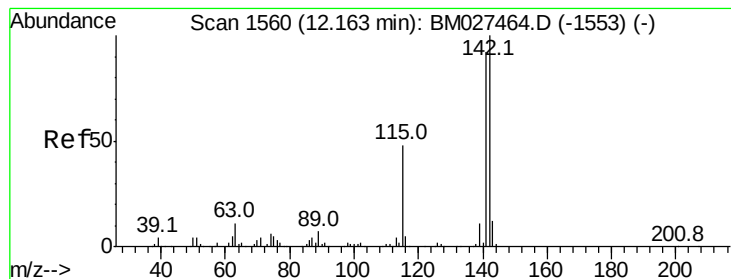
Tot Ion:127 Resp: 1137674
 Ion Ratio Lower Upper
 127 100
 129 82.1 25.9 38.9#



#34
 2-Methylnaphthalene
 Concen: 36.550 ng/ul
 RT: 11.94 min Scan# 1522
 Delta R.T. -0.00 min
 Lab File: BM027475.D
 Acq: 18 Sep 2020 23:14

Tgt Ion:142 Resp: 665095
 Ion Ratio Lower Upper
 142 100
 141 88.4 68.2 102.4





#35

1-Methylnaphthalene

Concen: 62.029 ng/ul

RT: 12.16 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BM027475.D

Acq: 18 Sep 2020 23:14

Instrument :

BNA_M

ClientSampleId :

BG0Q0

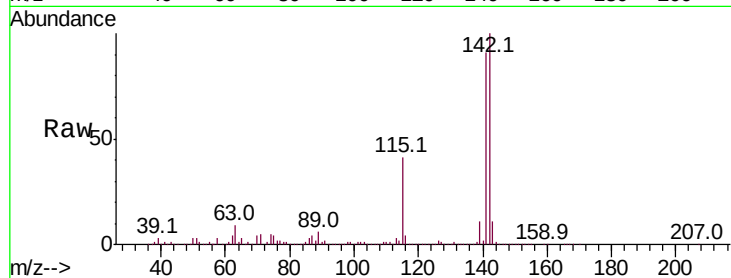
Tot Ion:142 Resp: 1123259

Ion Ratio Lower Upper

142 100

141 91.0 74.6 111.8

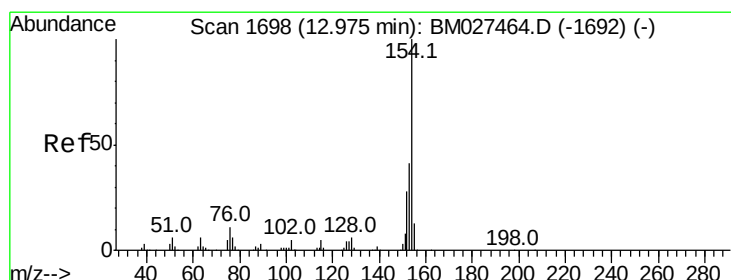
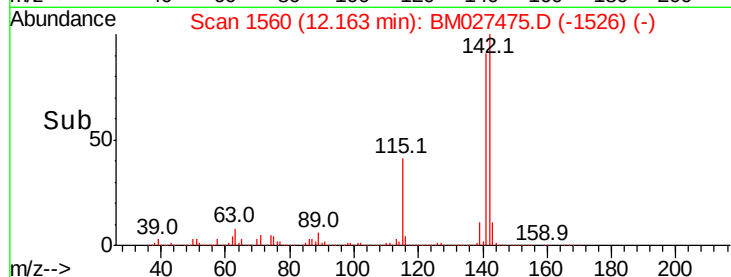
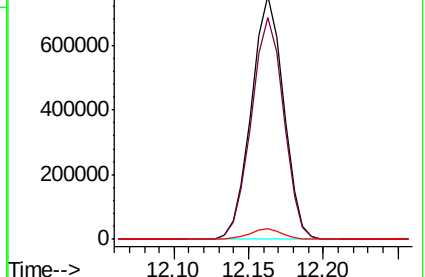
116 4.1 3.6 5.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#41

1,1'-Biphenyl

Concen: 1.699 ng/ul

RT: 12.97 min Scan# 1698

Delta R.T. -0.00 min

Lab File: BM027475.D

Acq: 18 Sep 2020 23:14

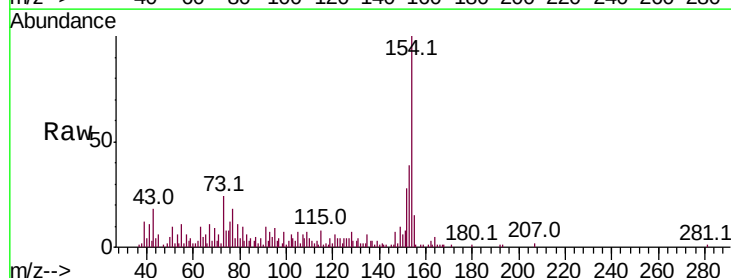
Tgt Ion:154 Resp: 39267

Ion Ratio Lower Upper

154 100

153 39.0 32.0 48.0

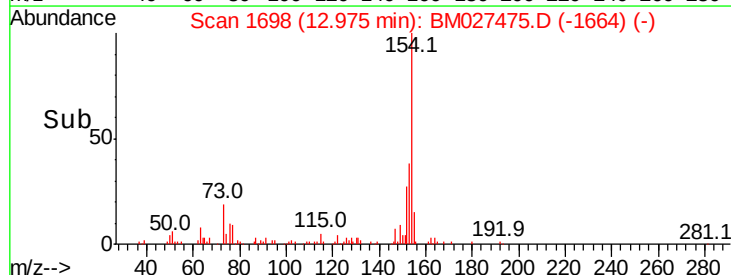
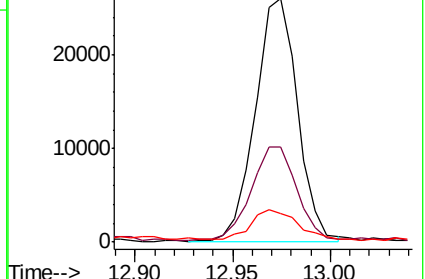
76 11.8 9.8 14.8

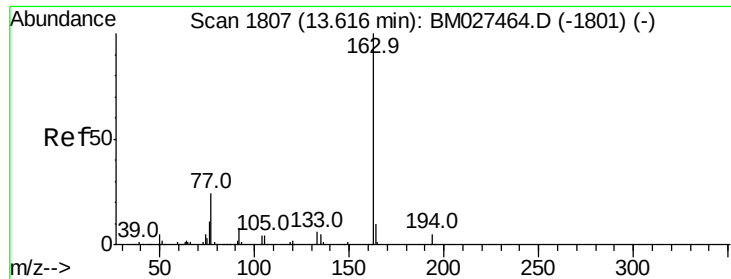


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM

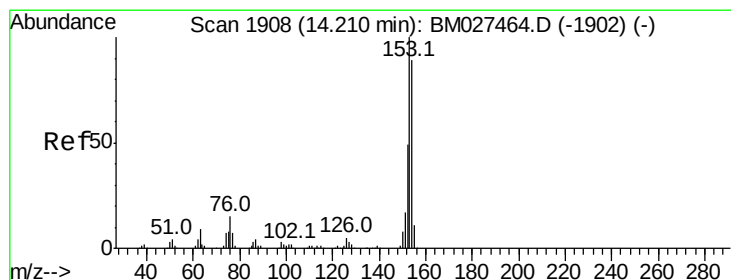
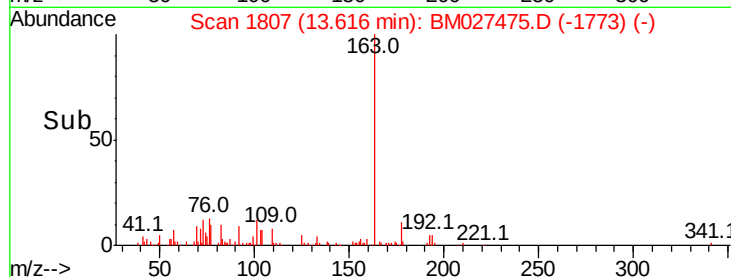
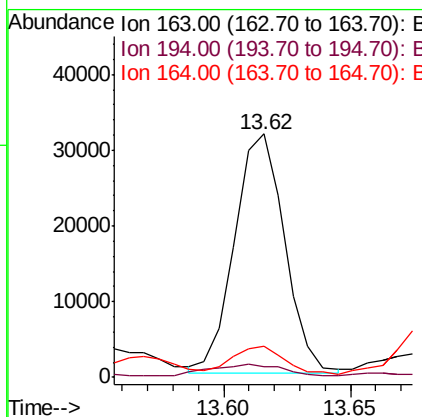
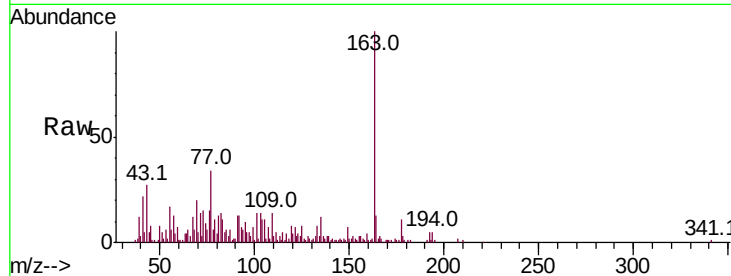




#45
Dimethylphthalate
Concen: 1.685 ng/ul
RT: 13.62 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BM027475.D
Acq: 18 Sep 2020 23:14

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Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.3	4.9
164	12.9	8.1	12.1



#50
Acenaphthene
Concen: 16.496 ng/ul
RT: 14.21 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BM027475.D
Acq: 18 Sep 2020 23:14

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.2	38.1	57.1
154	88.3	72.5	108.7

