

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092520\
 Data File : BM027548.D
 Acq On : 26 Sep 2020 03:18
 Operator : JU/CG
 Sample : L4139-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG491

Quant Time: Sep 26 05:23:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 24 20:21:51 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

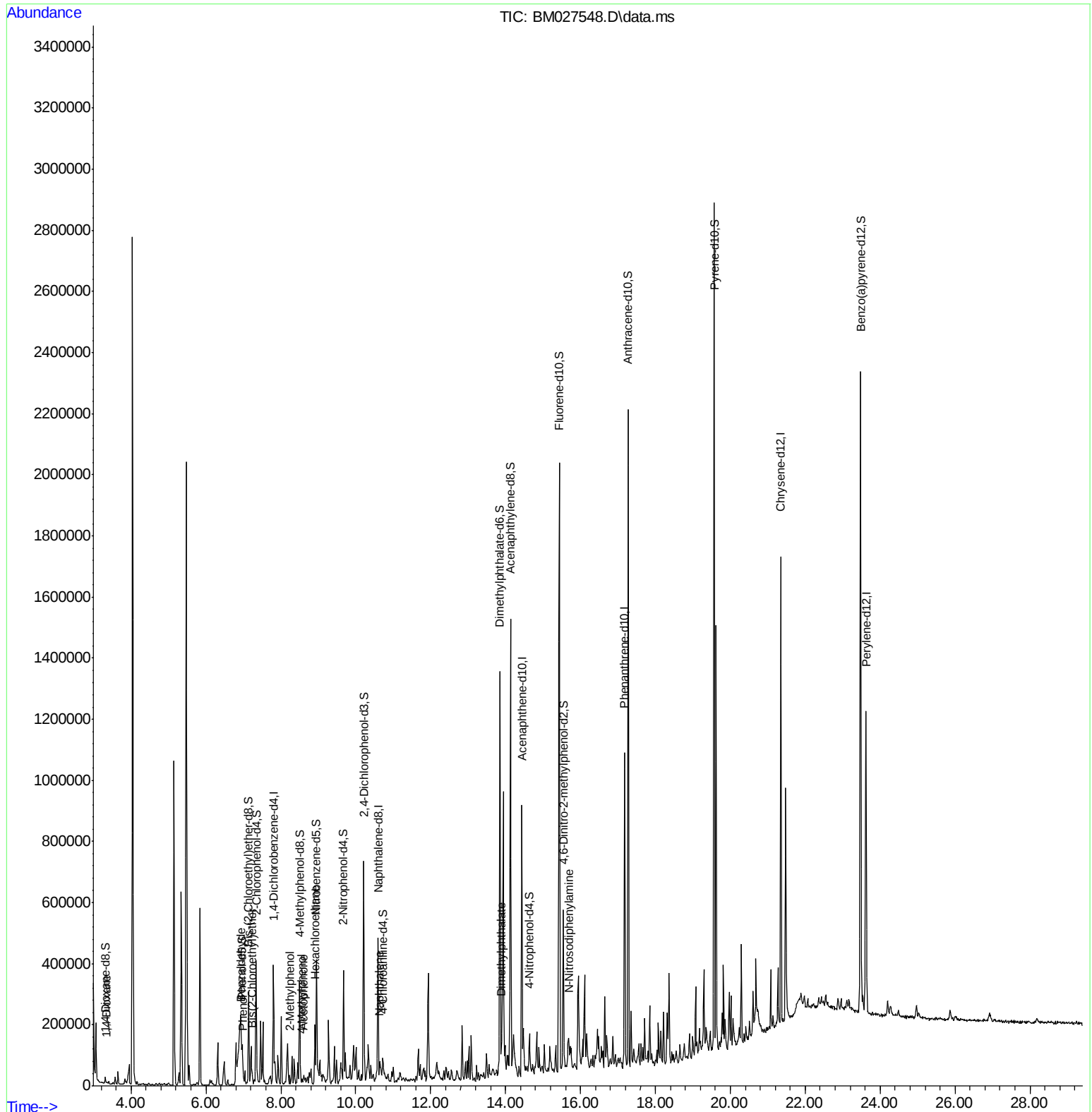
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	103576	20.00	ng/ul	0.00
18) Naphthalene-d8	10.593	136	369657	20.00	ng/ul	# 0.00
36) Acenaphthene-d10	14.434	164	275798	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.175	188	647734	20.00	ng/ul	#-0.01
78) Chrysene-d12	21.351	240	726314	20.00	ng/ul	#-0.01
86) Perylene-d12	23.621	264	774908	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	11630	6.39	ng/uL	0.00
5) Phenol-d5	6.969	99	57499	8.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.140	67	121769	30.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.340	132	168075	28.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.505	113	110600	19.54	ng/ul	0.00
19) Nitrobenzene-d5	8.952	128	95510	35.05	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.675	143	113552	39.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.210	165	272604	37.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.722	131	22354	3.10	ng/ul	0.00
44) Dimethylphthalate-d6	13.845	166	885322	41.49	ng/ul	-0.01
47) Acenaphthylene-d8	14.128	160	1008865	39.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.634	143	28833	9.64	ng/ul	0.00
58) Fluorene-d10	15.428	176	769734	40.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.539	200	145761	41.56	ng/ul	0.00
71) Anthracene-d10	17.275	188	1292647	42.31	ng/ul	0.00
79) Pyrene-d10	19.569	212	1569088	41.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.480	264	1721259	41.81	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	3421	1.59	ng/uL	90
4) Benzaldehyde	6.940	77	9071	1.98	ng/ul#	32
6) Phenol	6.993	94	10745	1.55	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.228	93	17233	3.11	ng/ul	92
11) 2-Methylphenol	8.240	108	7964	1.45	ng/ul	98
14) Acetophenone	8.611	105	16646	1.81	ng/ul#	33
16) 4-Methylphenol	8.563	108	7173	1.23	ng/ul	99
17) Hexachloroethane	8.910	117	14298	4.99	ng/ul#	2
28) Naphthalene	10.640	128	30055	1.59	ng/ul#	97
45) Dimethylphthalate	13.893	163	52175	2.40	ng/ul#	97
65) N-Nitrosodiphenylamine	15.692	169	19439	1.08	ng/ul	96

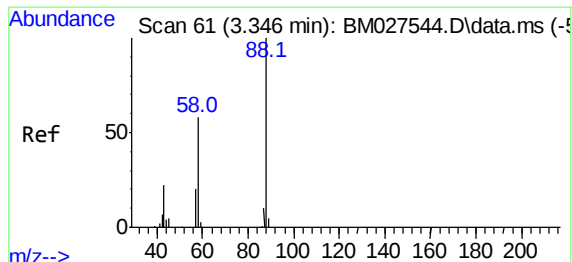
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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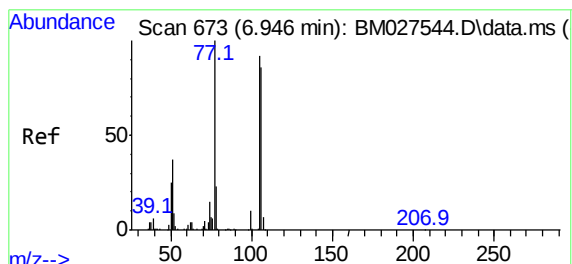
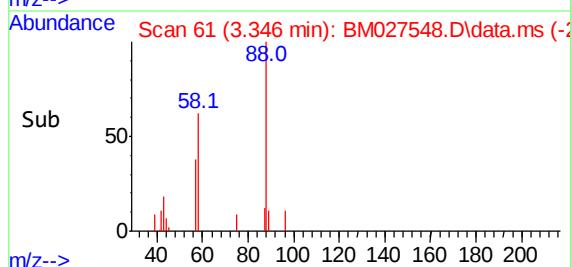
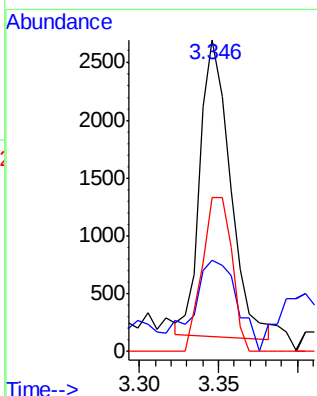
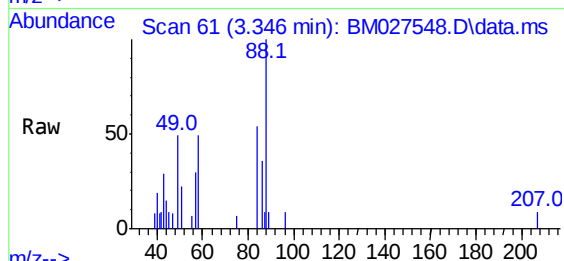




#2
1,4-Dioxane
Concen: 1.59 ng/uL
RT: 3.346 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM027548.D
Acq: 26 Sep 2020 03:18

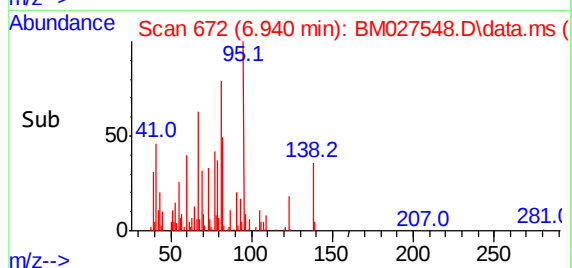
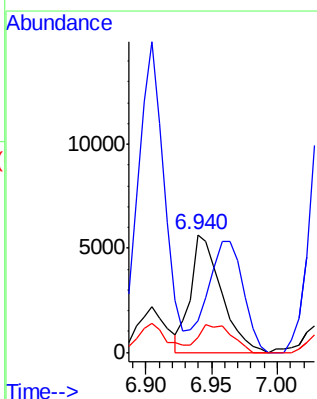
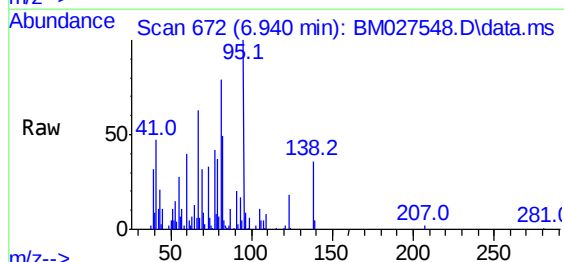
Instrument :
BNA_M
ClientSampled :
BG491

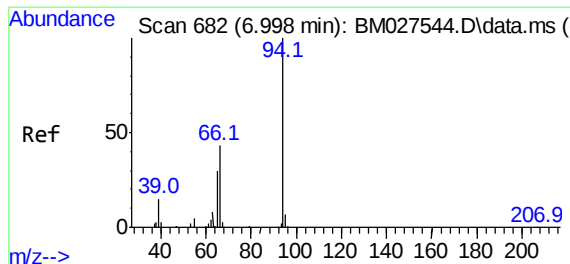
Tgt Ion: 88 Resp: 3421
Ion Ratio Lower Upper
88 100
43 29.2 21.7 32.5
58 49.3 47.4 71.0



#4
Benzaldehyde
Concen: 1.98 ng/uL
RT: 6.940 min Scan# 672
Delta R.T. -0.011 min
Lab File: BM027548.D
Acq: 26 Sep 2020 03:18

Tgt Ion: 77 Resp: 9071
Ion Ratio Lower Upper
77 100
105 27.2 64.9 97.3#
106 12.8 62.8 94.2#

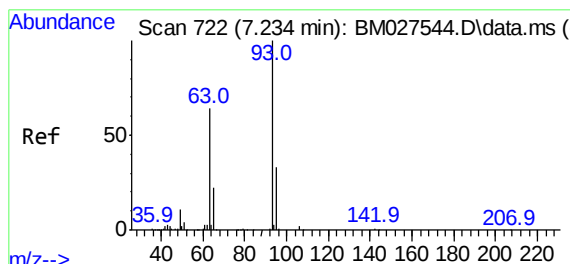
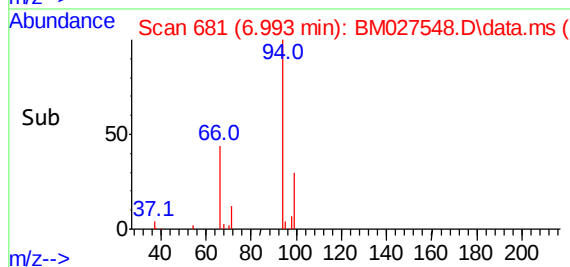
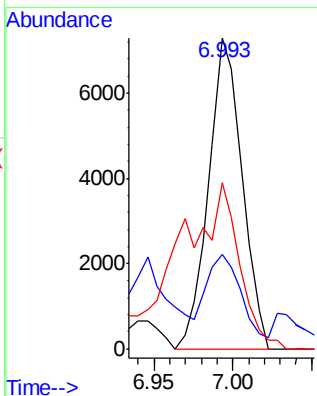
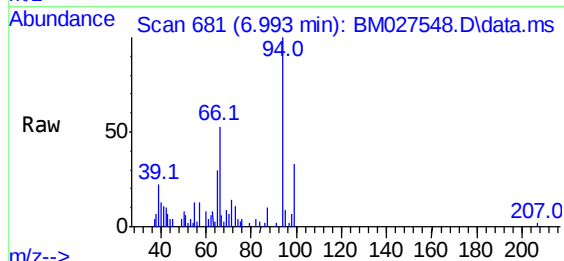




#6
Phenol
Concen: 1.55 ng/ul
RT: 6.993 min Scan# 681
Delta R.T. -0.005 min
Lab File: BM027548.D
Acq: 26 Sep 2020 03:18

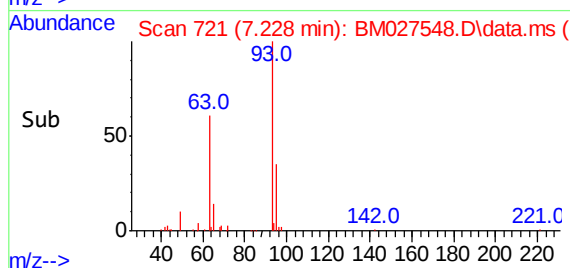
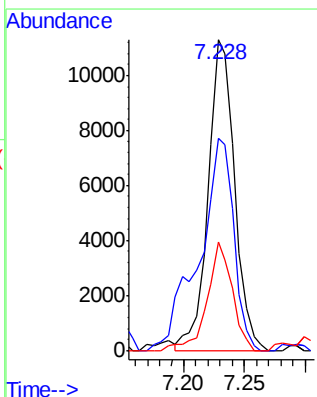
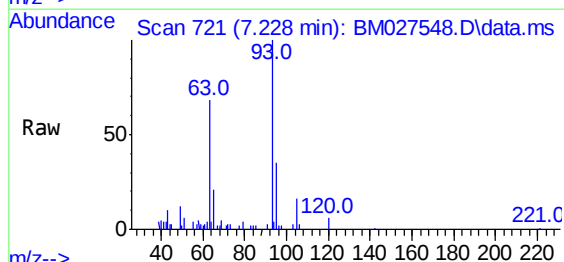
Instrument :
BNA_M
ClientSampled :
BG491

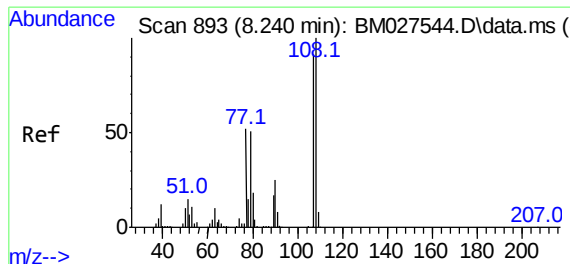
Tgt Ion: 94 Resp: 10745
Ion Ratio Lower Upper
94 100
65 30.4 30.2 45.4
66 53.3 42.4 63.6



#8
Bis(2-Chloroethyl)ether
Concen: 3.11 ng/ul
RT: 7.228 min Scan# 721
Delta R.T. -0.005 min
Lab File: BM027548.D
Acq: 26 Sep 2020 03:18

Tgt Ion: 93 Resp: 17233
Ion Ratio Lower Upper
93 100
63 68.4 60.6 90.8
95 35.1 25.0 37.4

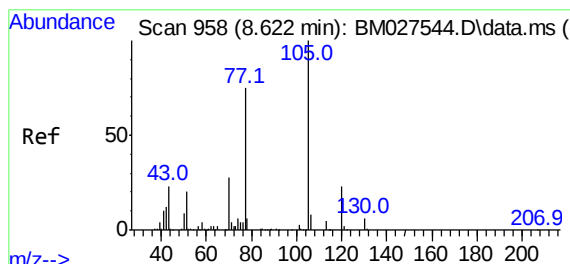
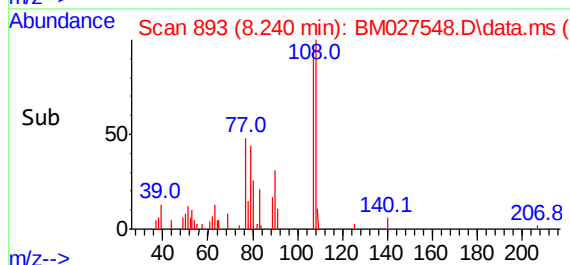
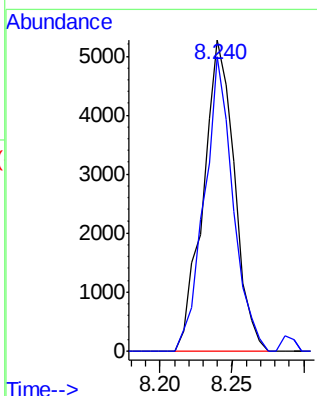
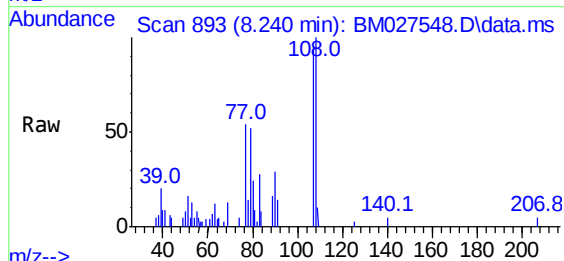




#11
2-Methylphenol
Concen: 1.45 ng/ul
RT: 8.240 min Scan# 893
Delta R.T. -0.005 min
Lab File: BM027548.D
Acq: 26 Sep 2020 03:18

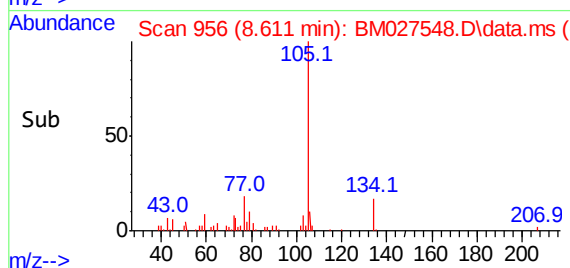
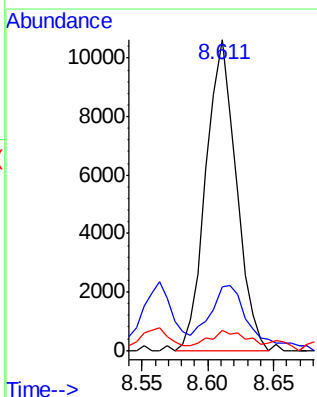
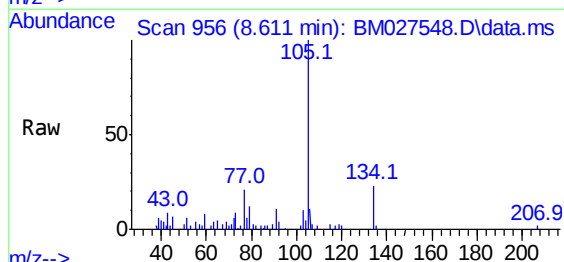
Instrument :
BNA_M
ClientSampled :
BG491

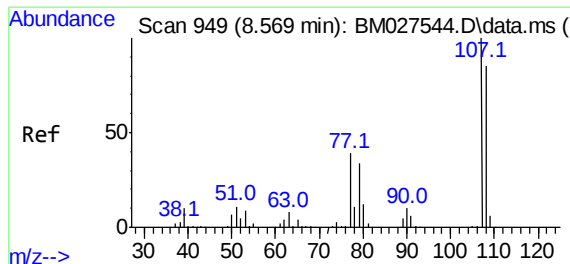
Tgt Ion:108 Resp: 7964
Ion Ratio Lower Upper
108 100
107 94.7 74.4 111.6



#14
Acetophenone
Concen: 1.81 ng/ul
RT: 8.611 min Scan# 956
Delta R.T. -0.017 min
Lab File: BM027548.D
Acq: 26 Sep 2020 03:18

Tgt Ion:105 Resp: 16646
Ion Ratio Lower Upper
105 100
77 20.6 74.4 111.6#
51 6.4 19.2 28.8#

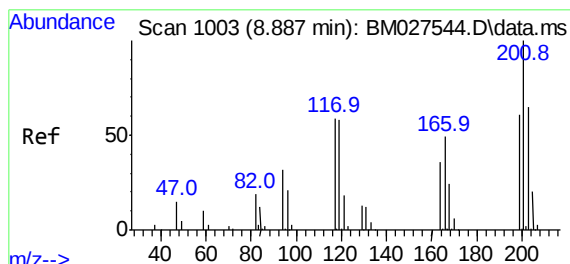
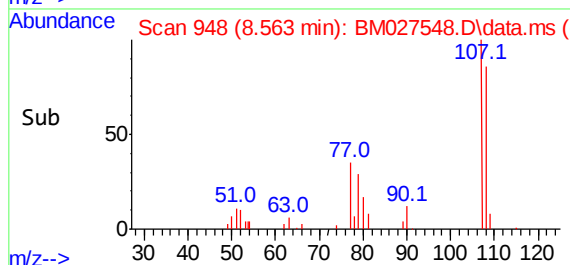
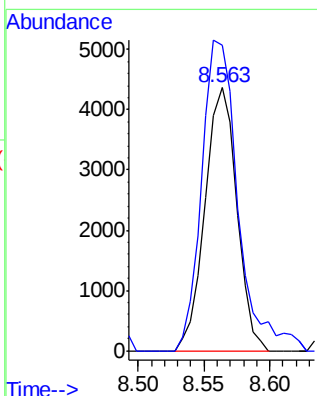
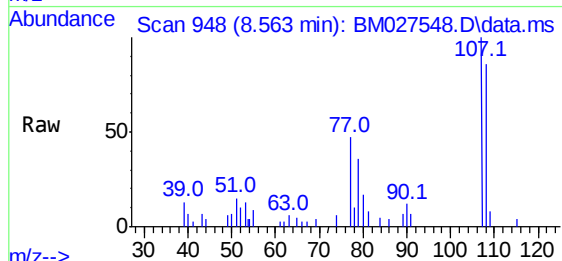




#16
4-Methylphenol
Concen: 1.23 ng/ul
RT: 8.563 min Scan# 948
Delta R.T. -0.005 min
Lab File: BM027548.D
Acq: 26 Sep 2020 03:18

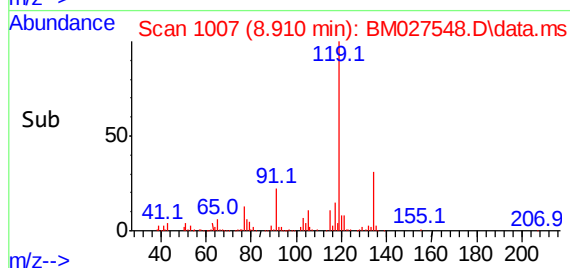
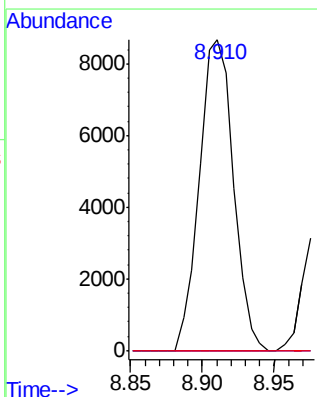
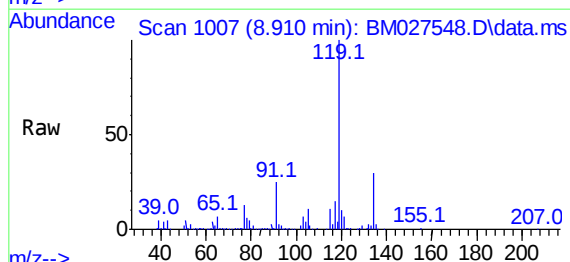
Instrument :
BNA_M
ClientSampled :
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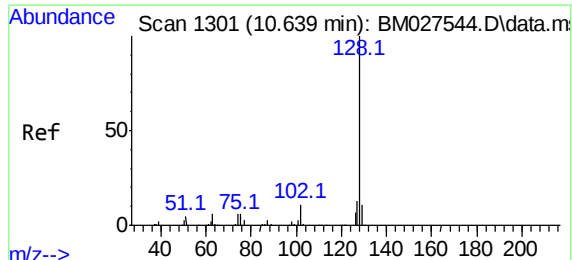
Tgt Ion:108 Resp: 7173
Ion Ratio Lower Upper
108 100
107 116.1 92.1 138.1



#17
Hexachloroethane
Concen: 4.99 ng/ul
RT: 8.910 min Scan# 1007
Delta R.T. 0.024 min
Lab File: BM027548.D
Acq: 26 Sep 2020 03:18

Tgt Ion:117 Resp: 14298
Ion Ratio Lower Upper
117 100
201 0.0 90.6 135.8#
199 0.0 56.3 84.5#

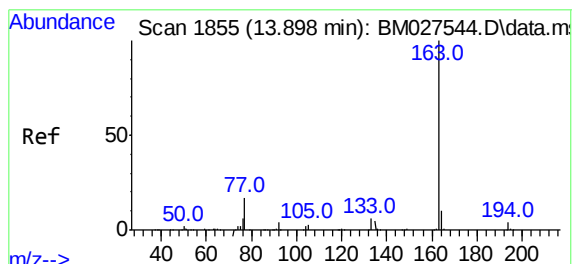
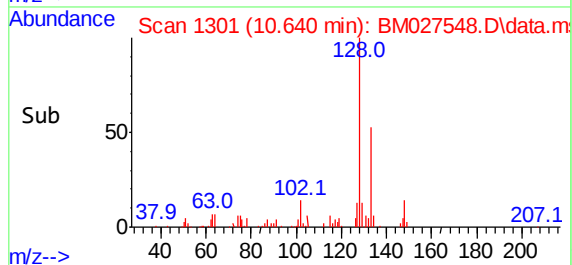
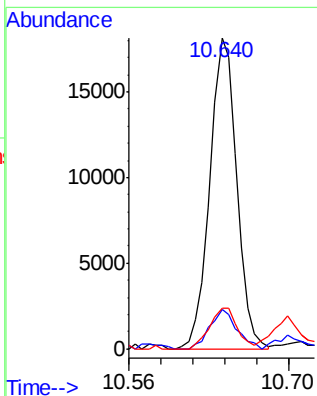
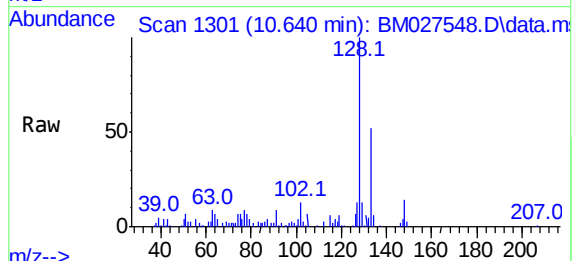




#28
Naphthalene
Concen: 1.59 ng/ul
RT: 10.640 min Scan# 1301
Delta R.T. -0.011 min
Lab File: BM027548.D
Acq: 26 Sep 2020 03:18

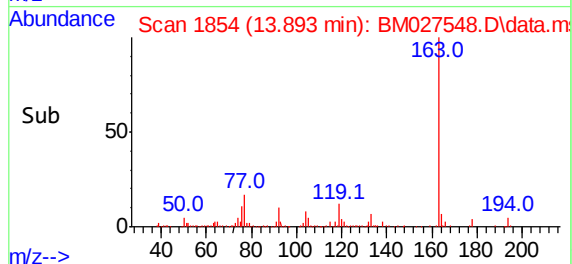
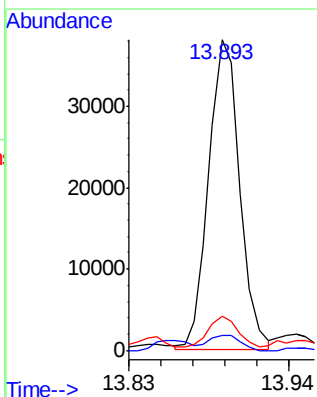
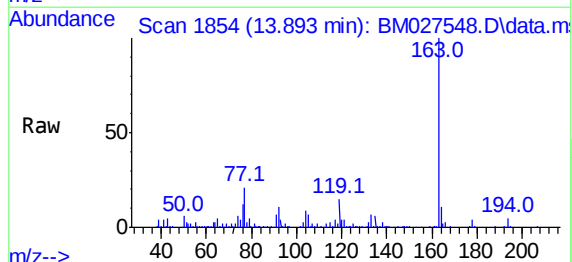
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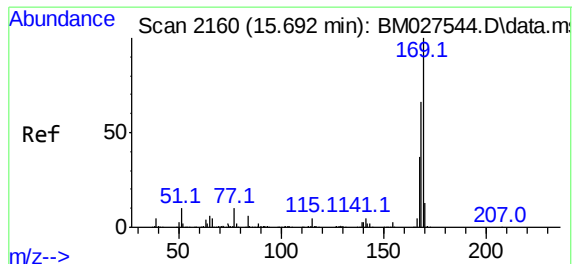
Tgt Ion:128 Resp: 30055
Ion Ratio Lower Upper
128 100
129 12.8 8.4 12.6#
127 12.9 10.3 15.5



#45
Dimethylphthalate
Concen: 2.40 ng/ul
RT: 13.893 min Scan# 1854
Delta R.T. -0.011 min
Lab File: BM027548.D
Acq: 26 Sep 2020 03:18

Tgt Ion:163 Resp: 52175
Ion Ratio Lower Upper
163 100
194 5.0 3.3 4.9#
164 11.1 8.1 12.1





#65
 N-Nitrosodiphenylamine
 Concen: 1.08 ng/ul
 RT: 15.692 min Scan# 2160
 Delta R.T. -0.005 min
 Lab File: BM027548.D
 Acq: 26 Sep 2020 03:18

Instrument :
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Tgt Ion:	169	Resp:	19439
Ion	Ratio	Lower	Upper
169	100		
168	65.0	54.2	81.4
167	38.7	29.0	43.4

