

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092520\
 Data File : BM027546.D
 Acq On : 26 Sep 2020 02:06
 Operator : JU/CG
 Sample : L4139-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG490

Quant Time: Sep 26 05:22:50 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

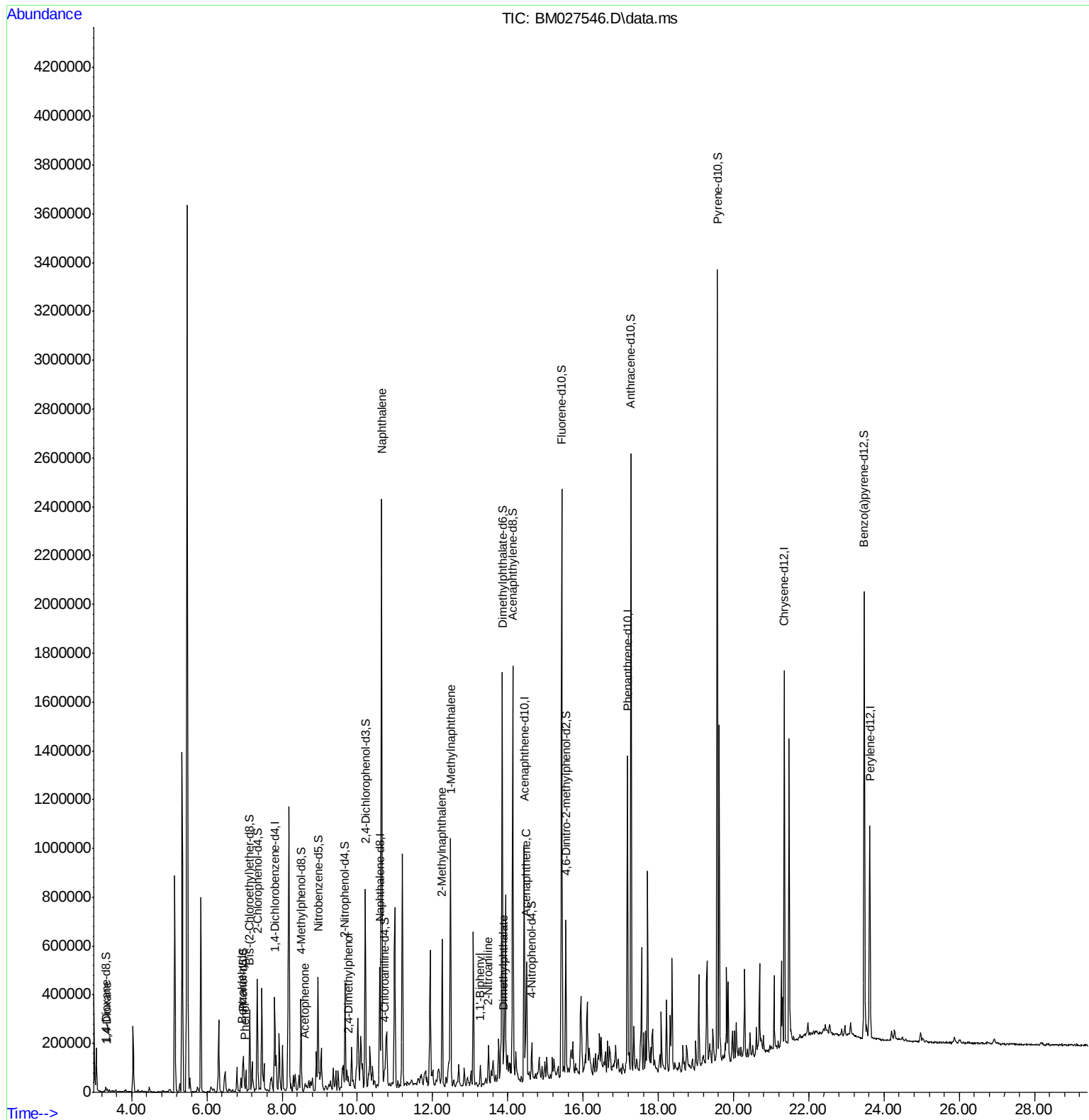
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	103947	20.00	ng/ul	0.00
18) Naphthalene-d8	10.592	136	410924	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.439	164	324240	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.180	188	812298	20.00	ng/ul	# 0.00
78) Chrysene-d12	21.350	240	752119	20.00	ng/ul	#-0.01
86) Perylene-d12	23.621	264	674224	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	9593	5.25	ng/uL	0.00
5) Phenol-d5	6.969	99	63687	9.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.140	67	131374	32.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.340	132	184065	31.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.504	113	125603	22.11	ng/ul	0.00
19) Nitrobenzene-d5	8.957	128	110046	36.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.675	143	129928	40.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.210	165	312054	38.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.728	131	23228	2.89	ng/ul	0.00
44) Dimethylphthalate-d6	13.851	166	1065171	42.46	ng/ul	0.00
47) Acenaphthylene-d8	14.127	160	1191208	39.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.633	143	34231	9.74	ng/ul	0.00
58) Fluorene-d10	15.433	176	917371	40.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.539	200	181289	41.22	ng/ul	0.00
71) Anthracene-d10	17.274	188	1559389	40.70	ng/ul	0.00
79) Pyrene-d10	19.568	212	1826599	46.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.474	264	1461954	40.81	ng/ul	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.346	88	4875	2.26	ng/uL#	90
4) Benzaldehyde	6.945	77	7441	1.62	ng/ul#	54
6) Phenol	6.998	94	12664	1.82	ng/ul#	83
14) Acetophenone	8.610	105	16589	1.80	ng/ul#	38
24) 2,4-Dimethylphenol	9.769	107	14165	1.83	ng/ul#	86
28) Naphthalene	10.645	128	1896567	90.38	ng/ul	99
34) 2-Methylnaphthalene	12.251	142	263674	16.55	ng/ul	99
35) 1-Methylnaphthalene	12.474	142	449060	28.81	ng/ul	99
41) 1,1'-Biphenyl	13.269	154	30058	1.22	ng/ul#	98
43) 2-Nitroaniline	13.486	65	4732	1.14	ng/ul#	20
45) Dimethylphthalate	13.892	163	55857	2.18	ng/ul#	97
50) Acenaphthene	14.498	153	199397	9.83	ng/ul	97

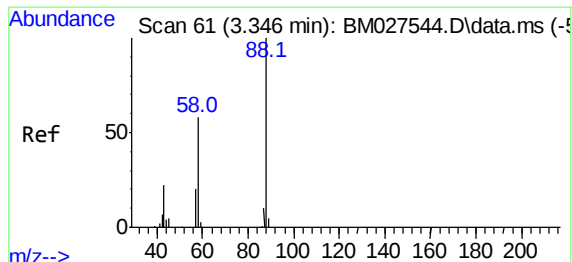
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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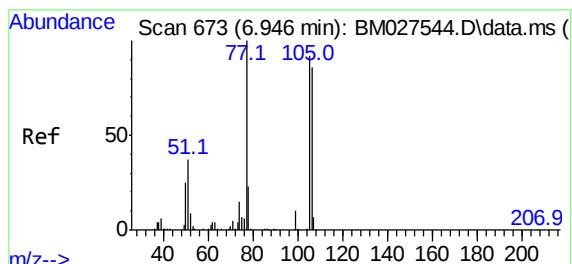
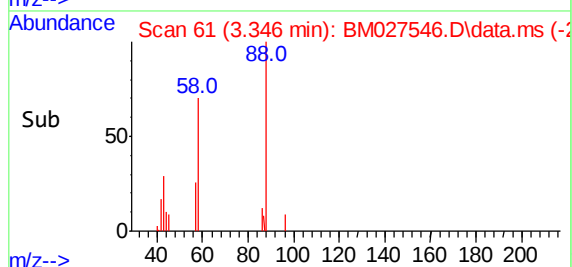
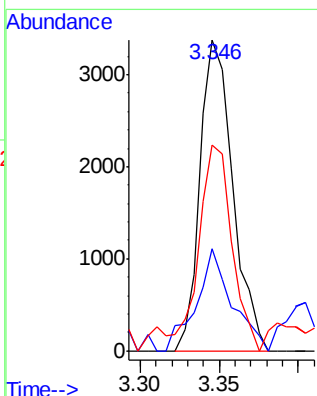
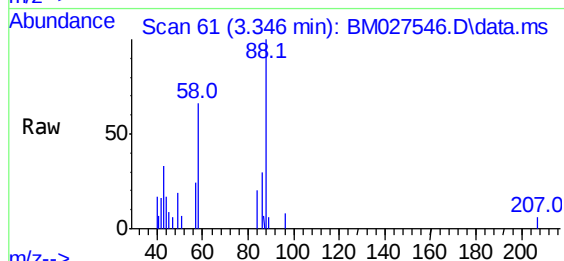




#2
1,4-Dioxane
Concen: 2.26 ng/uL
RT: 3.346 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM027546.D
Acq: 26 Sep 2020 02:06

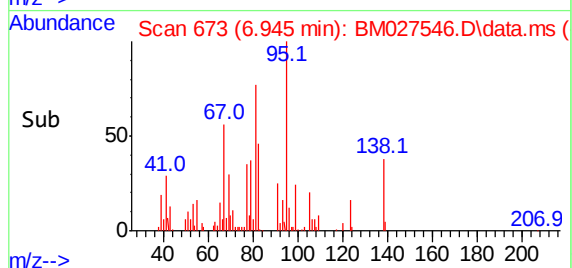
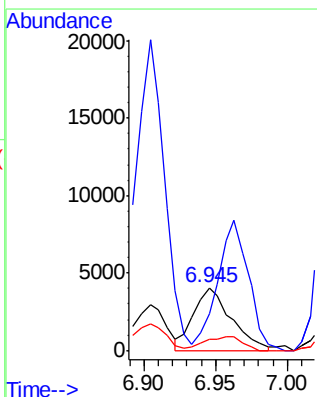
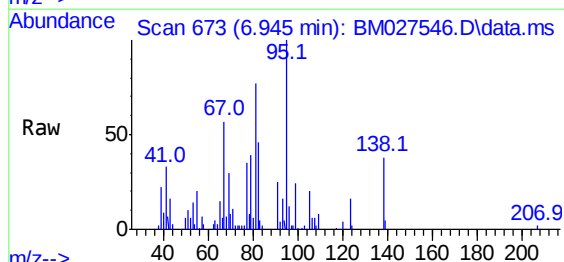
Instrument :
BNA_M
ClientSampleId :
BG490

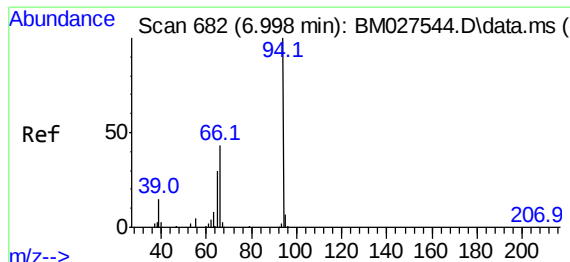
Tgt Ion: 88 Resp: 4875
Ion Ratio Lower Upper
88 100
43 33.0 21.7 32.5#
58 66.4 47.4 71.0



#4
Benzaldehyde
Concen: 1.62 ng/uL
RT: 6.945 min Scan# 673
Delta R.T. -0.006 min
Lab File: BM027546.D
Acq: 26 Sep 2020 02:06

Tgt Ion: 77 Resp: 7441
Ion Ratio Lower Upper
77 100
105 58.8 64.9 97.3#
106 18.7 62.8 94.2#

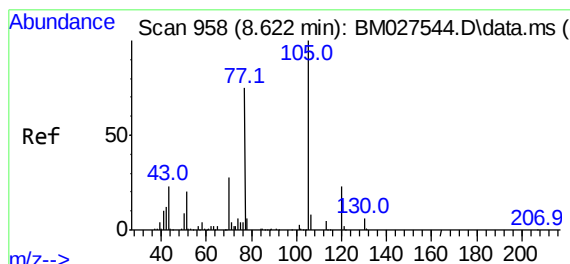
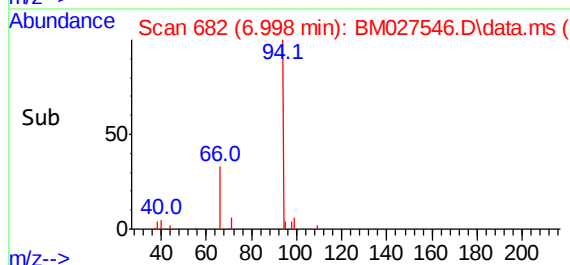
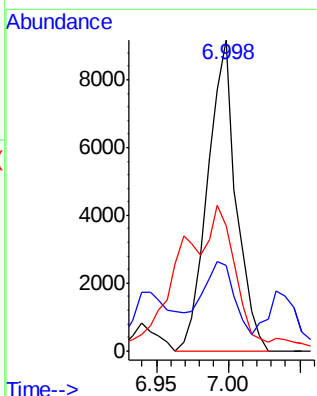
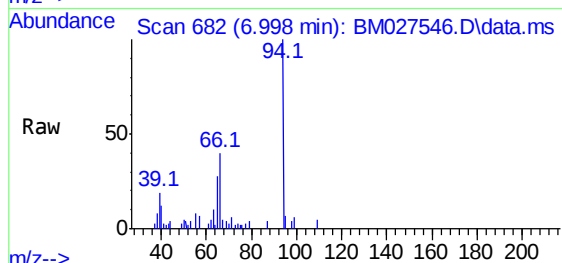




#6
Phenol
Concen: 1.82 ng/ul
RT: 6.998 min Scan# 682
Delta R.T. -0.000 min
Lab File: BM027546.D
Acq: 26 Sep 2020 02:06

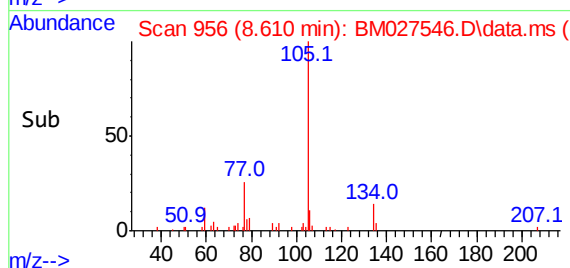
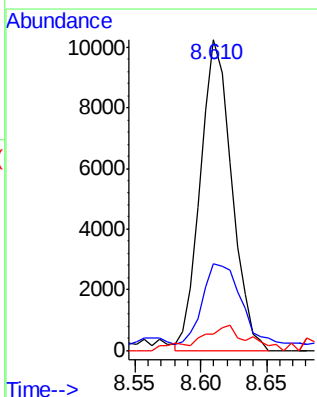
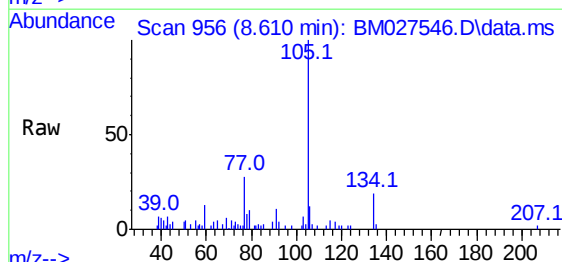
Instrument :
BNA_M
ClientSampleId :
BG490

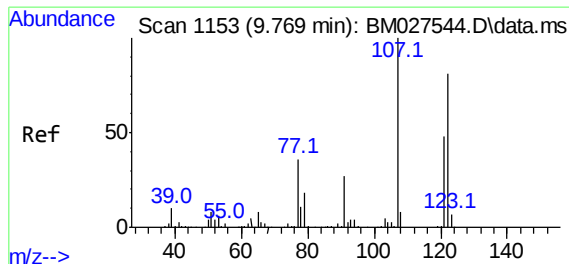
Tgt Ion: 94 Resp: 12664
Ion Ratio Lower Upper
94 100
65 27.7 30.2 45.4#
66 40.3 42.4 63.6#



#14
Acetophenone
Concen: 1.80 ng/ul
RT: 8.610 min Scan# 956
Delta R.T. -0.018 min
Lab File: BM027546.D
Acq: 26 Sep 2020 02:06

Tgt Ion:105 Resp: 16589
Ion Ratio Lower Upper
105 100
77 27.8 74.4 111.6#
51 5.3 19.2 28.8#

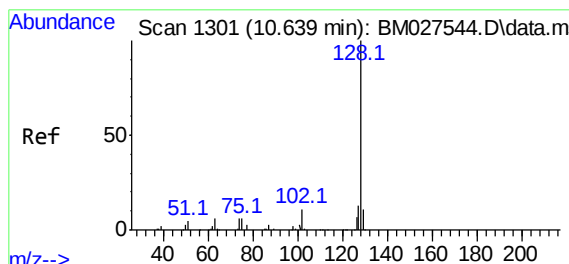
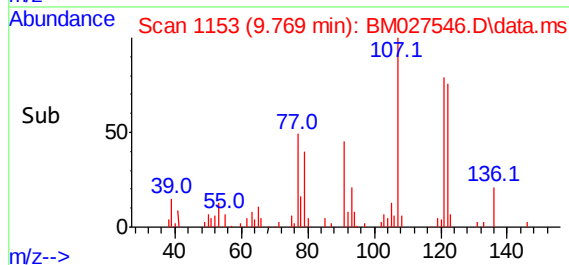
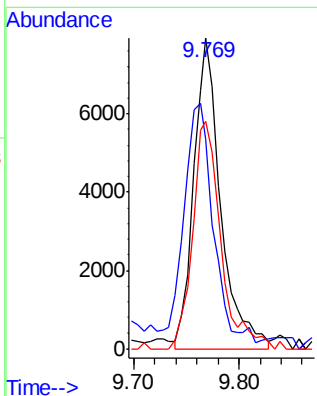
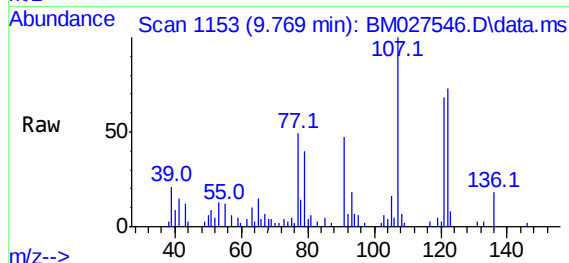




#24
2,4-Dimethylphenol
Concen: 1.83 ng/ul
RT: 9.769 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BM027546.D
Acq: 26 Sep 2020 02:06

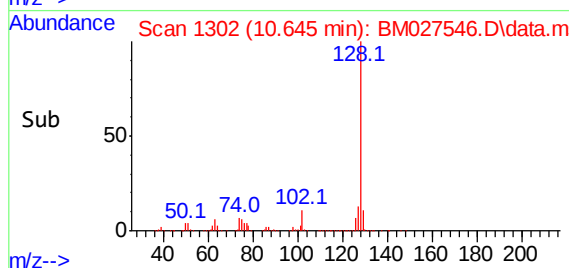
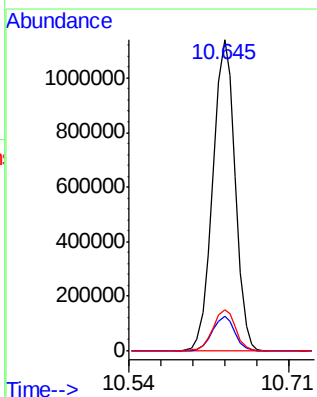
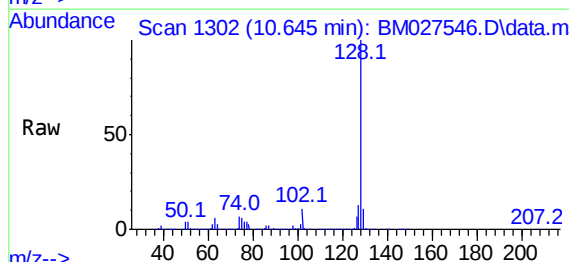
Instrument :
BNA_M
ClientSampleId :
BG490

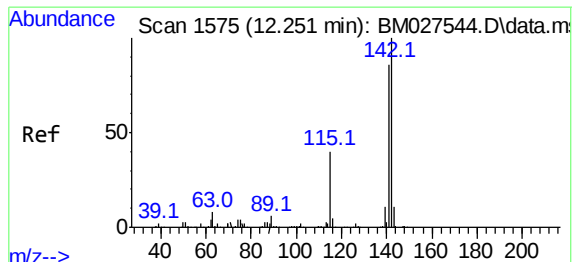
Tgt Ion:	107	Resp:	14165
Ion	Ratio	Lower	Upper
107	100		
121	67.6	36.6	54.8#
122	73.3	59.9	89.9



#28
Naphthalene
Concen: 90.38 ng/ul
RT: 10.645 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BM027546.D
Acq: 26 Sep 2020 02:06

Tgt Ion:	128	Resp:	1896567
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.4	12.6
127	13.1	10.3	15.5

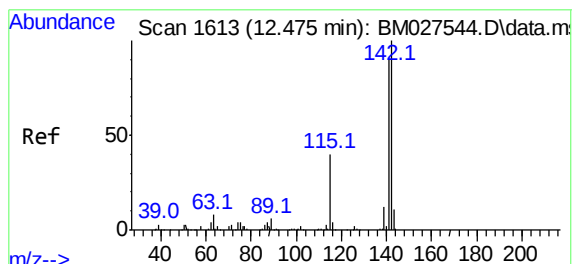
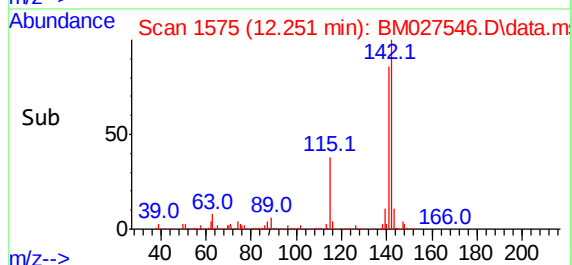
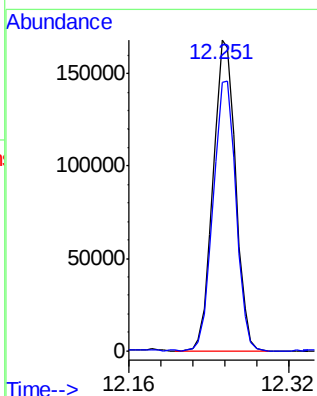
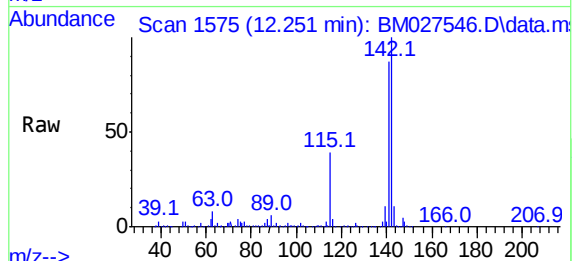




#34
2-Methylnaphthalene
Concen: 16.55 ng/ul
RT: 12.251 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BM027546.D
Acq: 26 Sep 2020 02:06

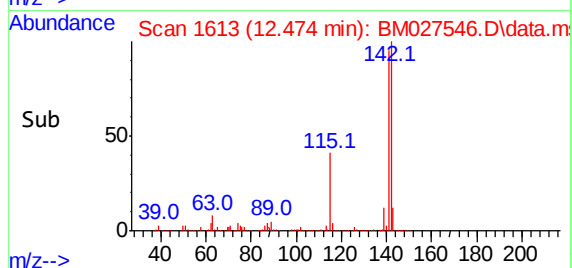
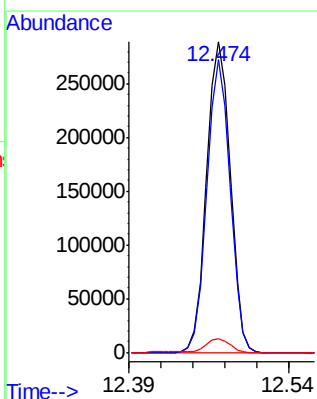
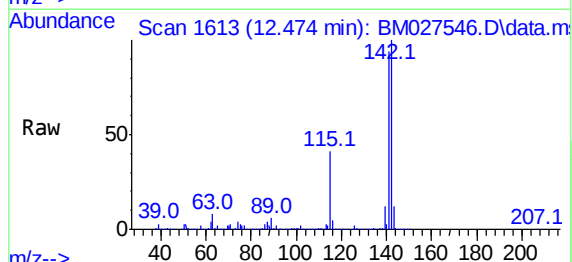
Instrument :
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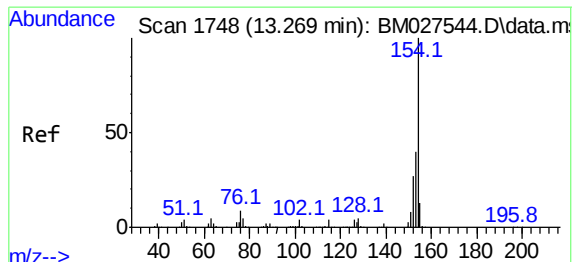
Tgt Ion:142 Resp: 263674
Ion Ratio Lower Upper
142 100
141 86.6 68.2 102.4



#35
1-Methylnaphthalene
Concen: 28.81 ng/ul
RT: 12.474 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BM027546.D
Acq: 26 Sep 2020 02:06

Tgt Ion:142 Resp: 449060
Ion Ratio Lower Upper
142 100
141 94.4 74.6 111.8
116 4.6 3.6 5.4

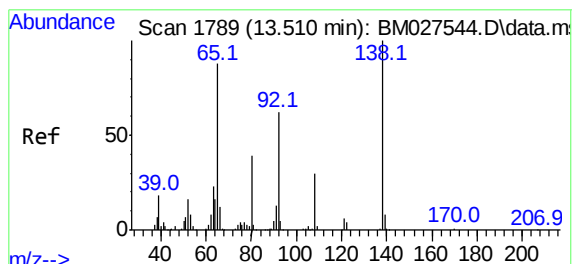
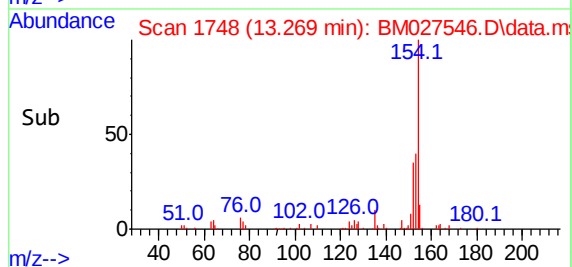
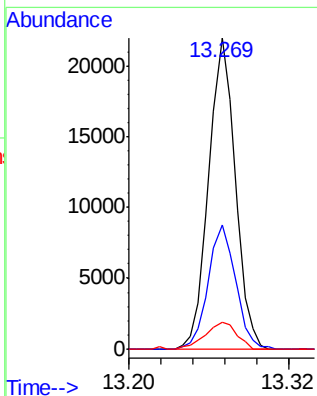
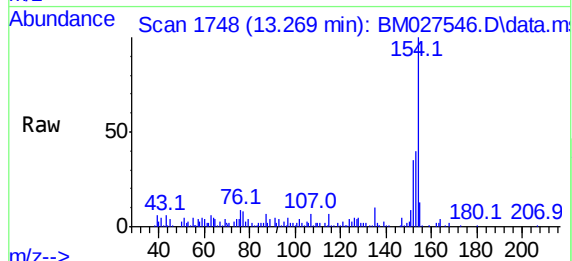




#41
1,1'-Biphenyl
Concen: 1.22 ng/ul
RT: 13.269 min Scan# 1748
Delta R.T. -0.012 min
Lab File: BM027546.D
Acq: 26 Sep 2020 02:06

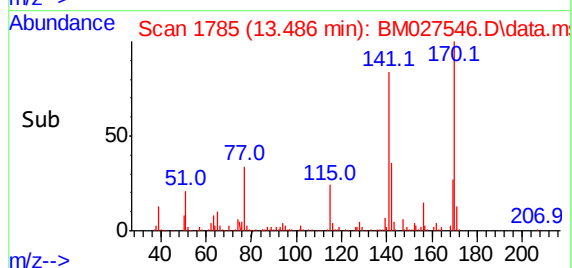
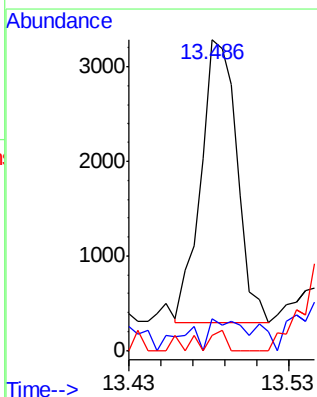
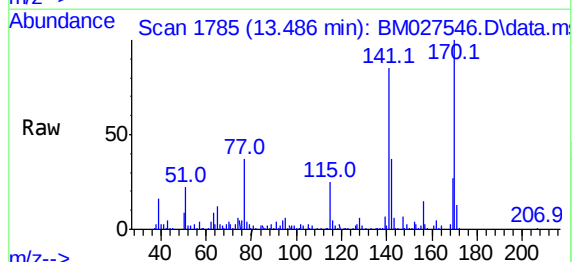
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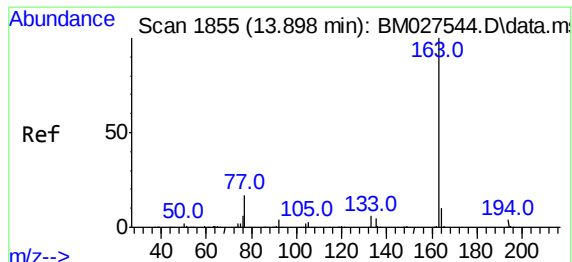
Tgt Ion:154 Resp: 30058
Ion Ratio Lower Upper
154 100
153 39.8 32.0 48.0
76 8.7 9.8 14.8#



#43
2-Nitroaniline
Concen: 1.14 ng/ul
RT: 13.486 min Scan# 1785
Delta R.T. -0.029 min
Lab File: BM027546.D
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Tgt Ion: 65 Resp: 4732
Ion Ratio Lower Upper
65 100
92 10.1 49.9 74.9#
138 4.7 70.1 105.1#

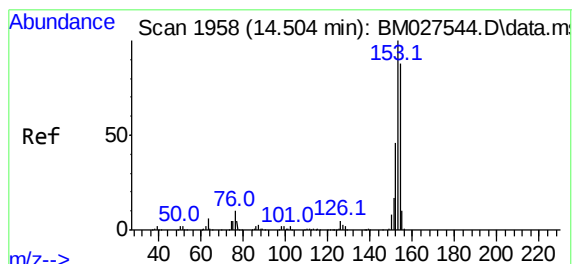
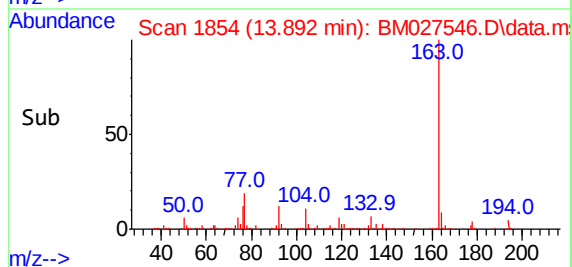
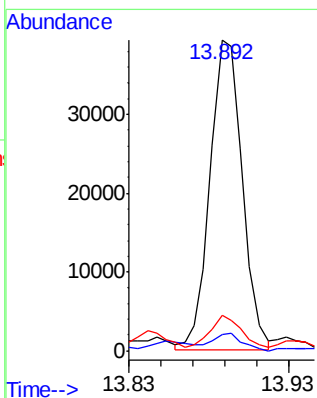
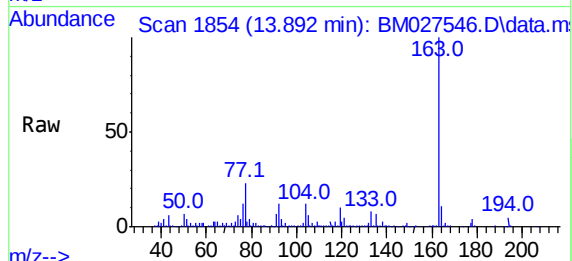




#45
Dimethylphthalate
Concen: 2.18 ng/ul
RT: 13.892 min Scan# 1854
Delta R.T. -0.012 min
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Tgt Ion:163 Resp: 55857
Ion Ratio Lower Upper
163 100
194 5.1 3.3 4.9#
164 11.4 8.1 12.1



#50
Acenaphthene
Concen: 9.83 ng/ul
RT: 14.498 min Scan# 1957
Delta R.T. -0.012 min
Lab File: BM027546.D
Acq: 26 Sep 2020 02:06

Tgt Ion:153 Resp: 199397
Ion Ratio Lower Upper
153 100
152 46.8 38.1 57.1
154 87.3 72.5 108.7

