

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092520\
 Data File : BM027539.D
 Acq On : 25 Sep 2020 21:17
 Operator : JU/CG
 Sample : L4135-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG495

Quant Time: Sep 26 00:59:17 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

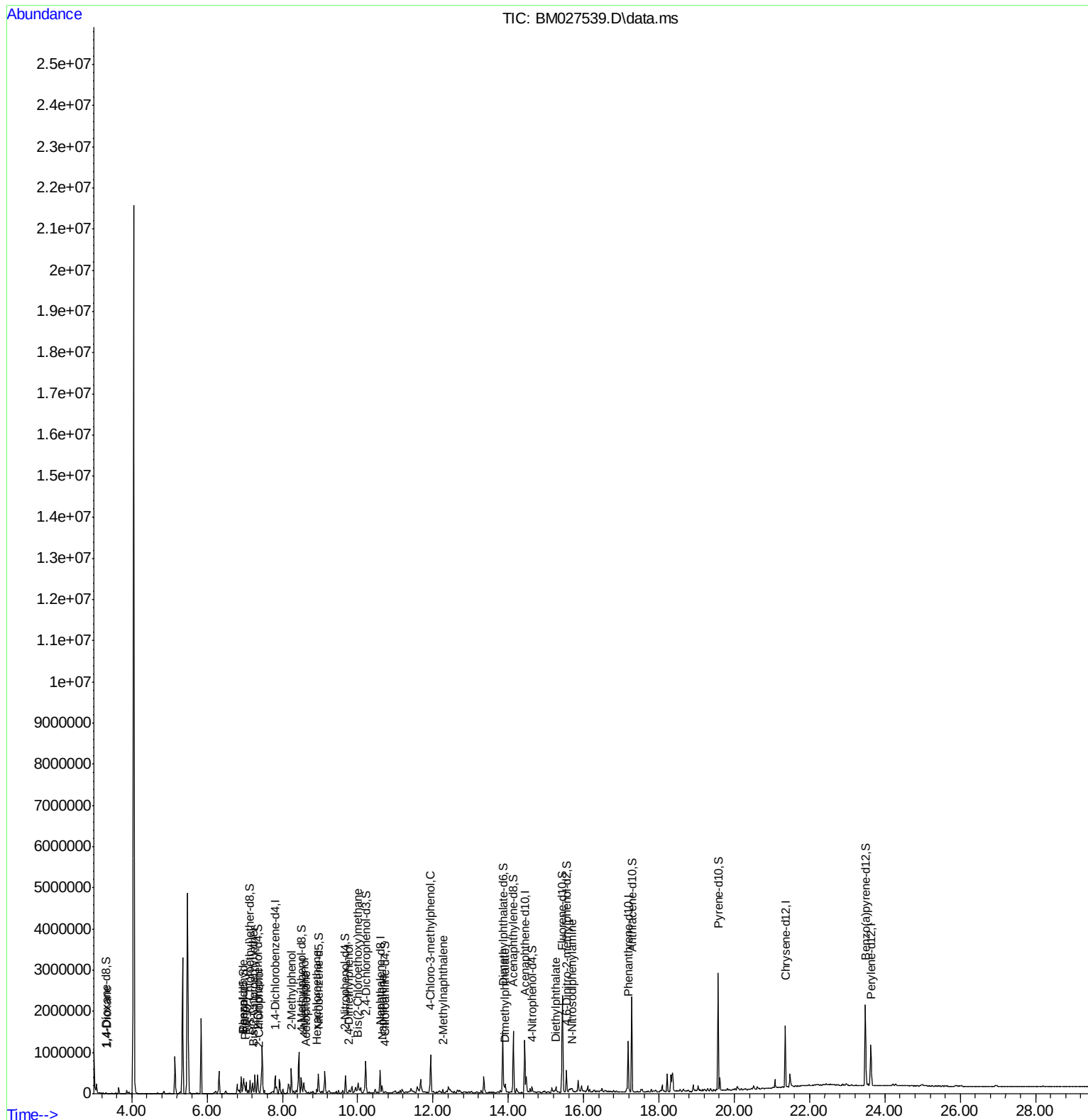
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	122969	20.00	ng/ul	# 0.00
18) Naphthalene-d8	10.592	136	453203	20.00	ng/ul	# 0.00
36) Acenaphthene-d10	14.439	164	332574	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.180	188	745287	20.00	ng/ul	# 0.00
78) Chrysene-d12	21.356	240	742952	20.00	ng/ul	# 0.00
86) Perylene-d12	23.627	264	797595	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	12871	5.96	ng/uL	0.00
5) Phenol-d5	6.969	99	67995	8.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.139	67	135066	28.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.339	132	189282	27.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.504	113	128369	19.10	ng/ul	0.00
19) Nitrobenzene-d5	8.957	128	108864	32.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.675	143	132344	37.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.210	165	298059	33.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.722	131	10616	1.20	ng/ul	0.00
44) Dimethylphthalate-d6	13.851	166	975285	37.90	ng/ul	0.00
47) Acenaphthylene-d8	14.127	160	1109618	36.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.627	143	32444	9.00	ng/ul	0.00
58) Fluorene-d10	15.433	176	828722	35.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.539	200	155800	38.61	ng/ul	0.00
71) Anthracene-d10	17.280	188	1344274	38.24	ng/ul	0.00
79) Pyrene-d10	19.568	212	1524244	39.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.480	264	1618409	38.19	ng/ul	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.351	88	2585	1.01	ng/uL#	88
4) Benzaldehyde	6.963	77	21742	4.00	ng/ul#	1
6) Phenol	6.998	94	99248	12.03	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.234	93	13240	2.01	ng/ul	90
10) 2-Chlorophenol	7.375	128	10055	1.41	ng/ul#	86
11) 2-Methylphenol	8.245	108	21201	3.26	ng/ul	95
14) Acetophenone	8.616	105	23877	2.19	ng/ul#	54
16) 4-Methylphenol	8.569	108	99206	14.33	ng/ul	99
17) Hexachloroethane	8.916	117	8554	2.51	ng/ul#	2
24) 2,4-Dimethylphenol	9.769	107	22542	2.64	ng/ul	95
25) Bis(2-Chloroethoxy)met...	10.010	93	42257	4.69	ng/ul#	35
28) Naphthalene	10.645	128	115871	5.01	ng/ul	99
33) 4-Chloro-3-methylphenol	11.939	107	240466	33.65	ng/ul#	20
34) 2-Methylnaphthalene	12.257	142	19560	1.11	ng/ul	95
45) Dimethylphthalate	13.898	163	49443	1.88	ng/ul	99
57) Diethylphthalate	15.268	149	79619	3.30	ng/ul	95
65) N-Nitrosodiphenylamine	15.698	169	28295	1.37	ng/ul	96

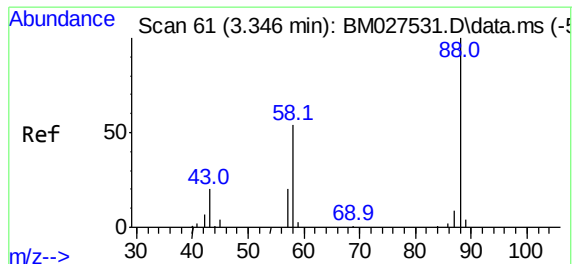
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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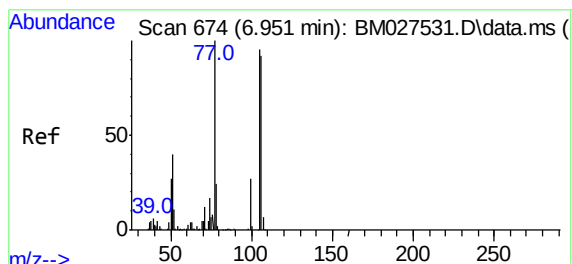
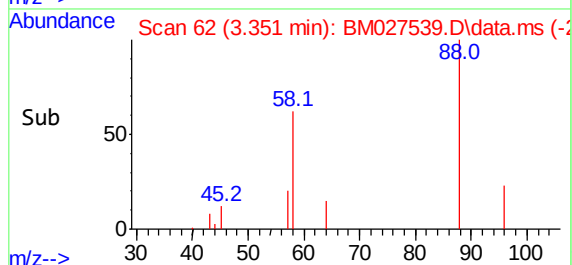
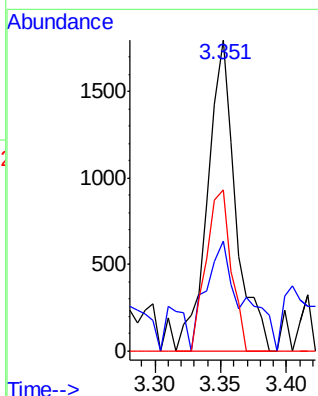
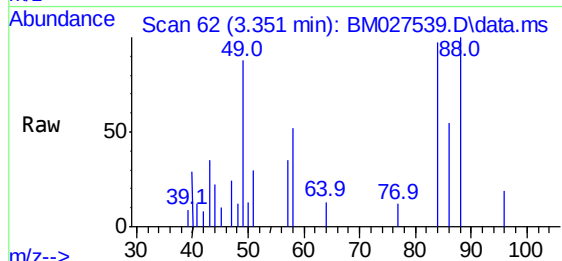




#2
1,4-Dioxane
Concen: 1.01 ng/uL
RT: 3.351 min Scan# 62
Delta R.T. 0.006 min
Lab File: BM027539.D
Acq: 25 Sep 2020 21:17

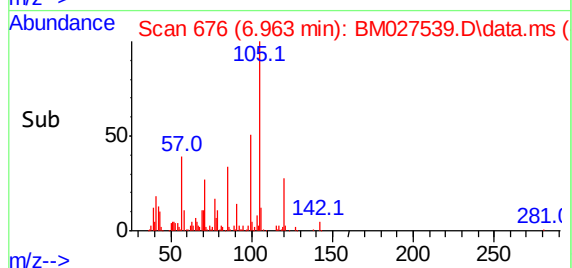
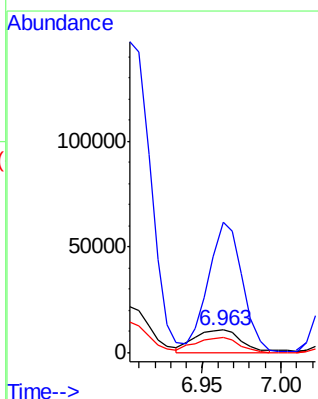
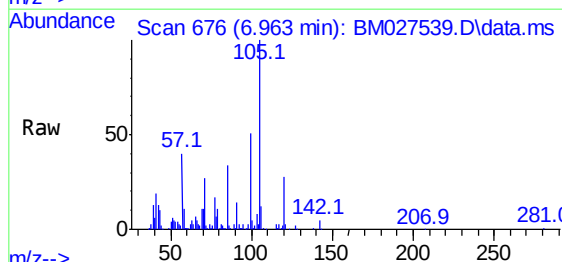
Instrument :
BNA_M
ClientSampled :
BG495

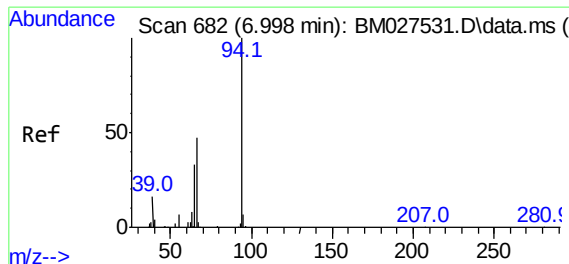
Tgt Ion: 88 Resp: 2585
Ion Ratio Lower Upper
88 100
43 35.2 21.7 32.5#
58 51.7 47.4 71.0



#4
Benzaldehyde
Concen: 4.00 ng/uL
RT: 6.963 min Scan# 676
Delta R.T. 0.012 min
Lab File: BM027539.D
Acq: 25 Sep 2020 21:17

Tgt Ion: 77 Resp: 21742
Ion Ratio Lower Upper
77 100
105 577.8 64.9 97.3#
106 67.3 62.8 94.2

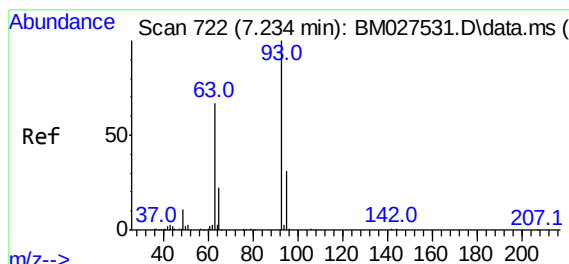
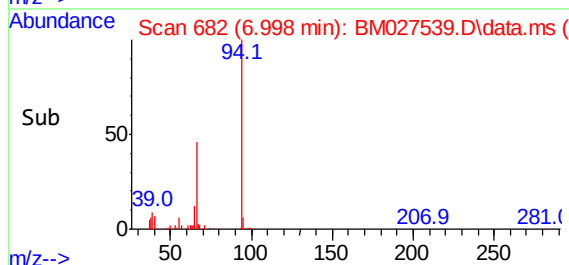
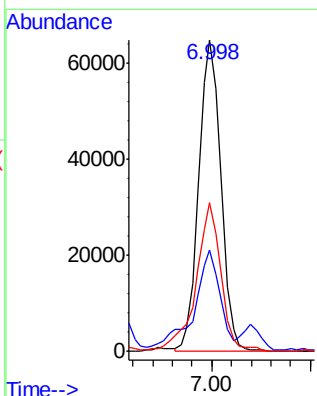
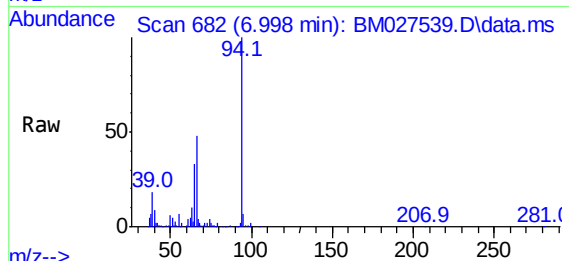




#6
Phenol
Concen: 12.03 ng/ul
RT: 6.998 min Scan# 682
Delta R.T. -0.000 min
Lab File: BM027539.D
Acq: 25 Sep 2020 21:17

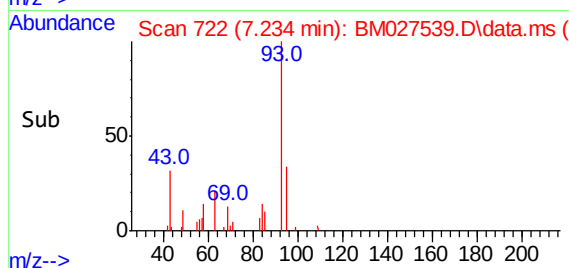
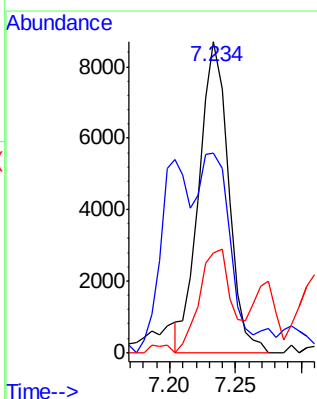
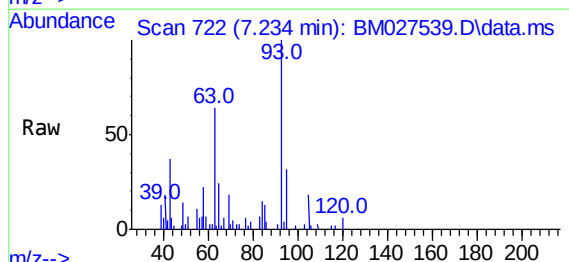
Instrument :
BNA_M
ClientSampleId :
BG495

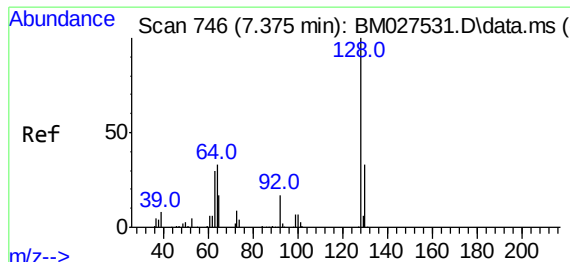
Tgt Ion: 94 Resp: 99248
Ion Ratio Lower Upper
94 100
65 32.6 30.2 45.4
66 47.6 42.4 63.6



#8
Bis(2-Chloroethyl)ether
Concen: 2.01 ng/ul
RT: 7.234 min Scan# 722
Delta R.T. -0.000 min
Lab File: BM027539.D
Acq: 25 Sep 2020 21:17

Tgt Ion: 93 Resp: 13240
Ion Ratio Lower Upper
93 100
63 64.0 60.6 90.8
95 32.0 25.0 37.4

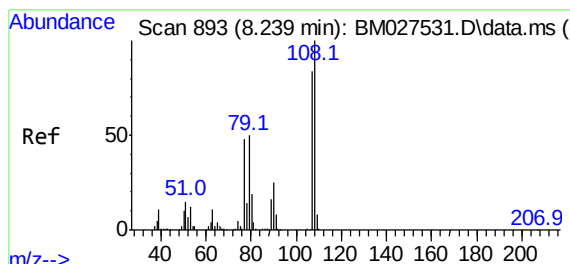
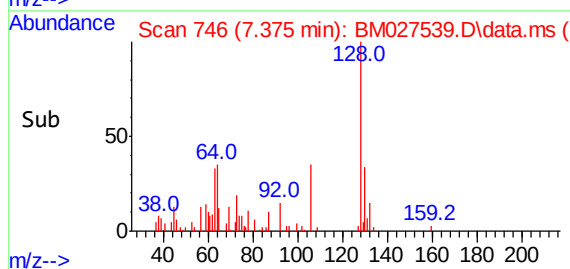
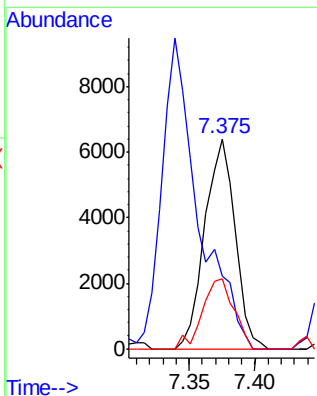
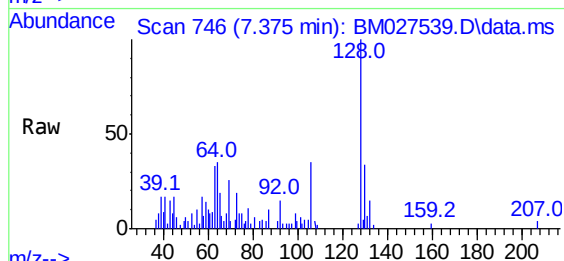




#10
2-Chlorophenol
Concen: 1.41 ng/ul
RT: 7.375 min Scan# 746
Delta R.T. -0.000 min
Lab File: BM027539.D
Acq: 25 Sep 2020 21:17

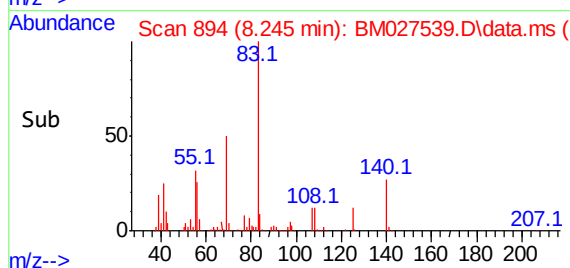
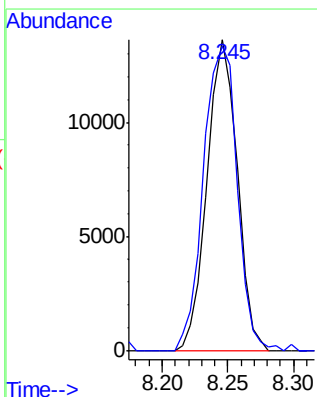
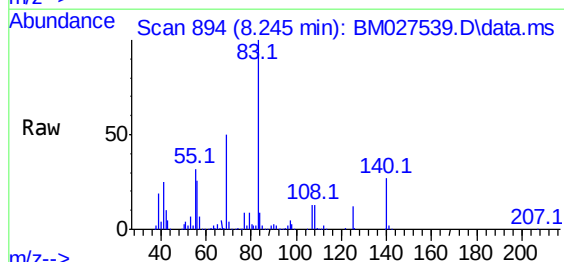
Instrument :
BNA_M
ClientSampleId :
BG495

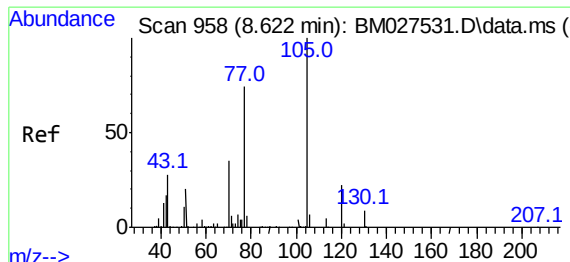
Tgt Ion:128 Resp: 10055
Ion Ratio Lower Upper
128 100
64 34.9 41.1 61.7#
130 33.6 26.8 40.2



#11
2-Methylphenol
Concen: 3.26 ng/ul
RT: 8.245 min Scan# 894
Delta R.T. -0.000 min
Lab File: BM027539.D
Acq: 25 Sep 2020 21:17

Tgt Ion:108 Resp: 21201
Ion Ratio Lower Upper
108 100
107 98.1 74.4 111.6





#14

Acetophenone

Concen: 2.19 ng/ul

RT: 8.616 min Scan# 957

Delta R.T. -0.012 min

Lab File: BM027539.D

Acq: 25 Sep 2020 21:17

Instrument :

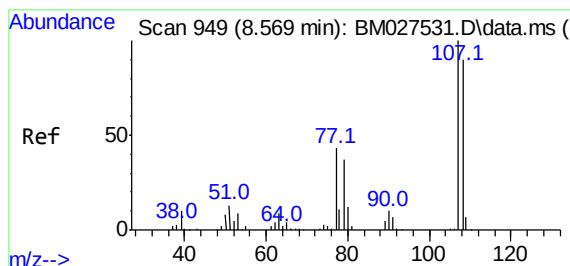
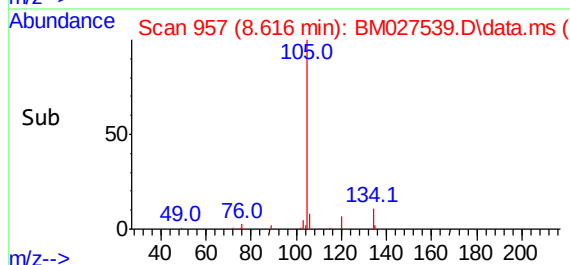
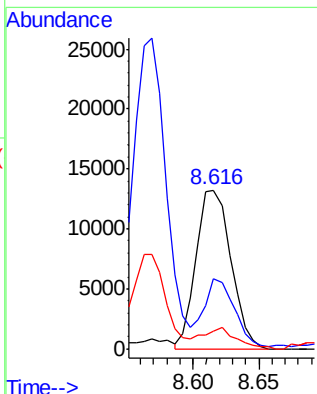
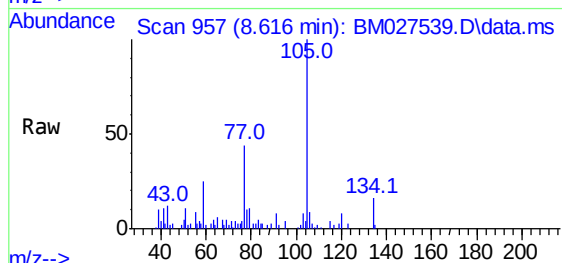
BNA_M

ClientSampleId :

BG495

Tgt Ion:105 Resp: 23877

Ion	Ratio	Lower	Upper
105	100		
77	43.9	74.4	111.6#
51	11.0	19.2	28.8#



#16

4-Methylphenol

Concen: 14.33 ng/ul

RT: 8.569 min Scan# 949

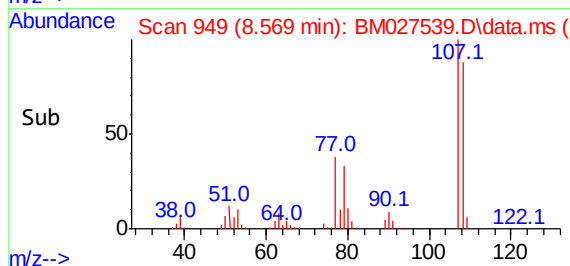
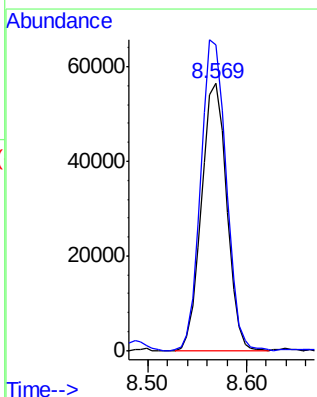
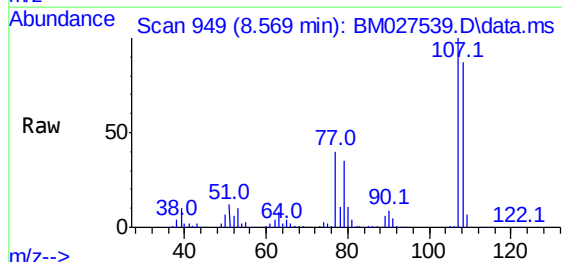
Delta R.T. -0.000 min

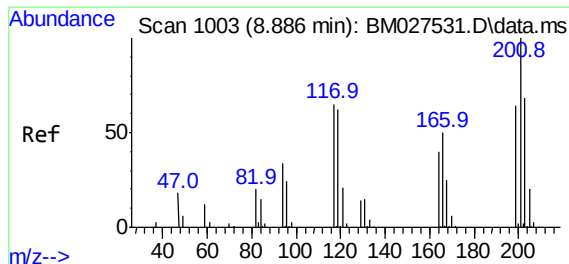
Lab File: BM027539.D

Acq: 25 Sep 2020 21:17

Tgt Ion:108 Resp: 99206

Ion	Ratio	Lower	Upper
108	100		
107	114.5	92.1	138.1

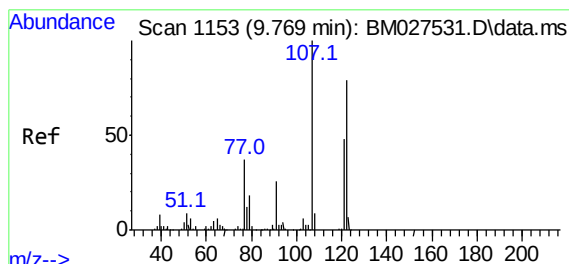
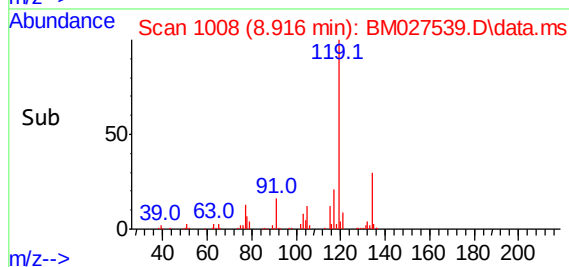
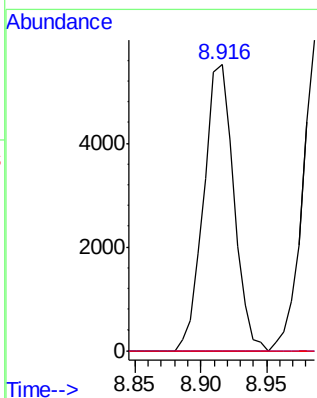
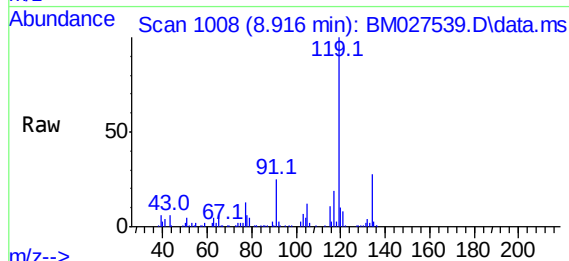




#17
Hexachloroethane
Concen: 2.51 ng/ul
RT: 8.916 min Scan# 1008
Delta R.T. 0.029 min
Lab File: BM027539.D
Acq: 25 Sep 2020 21:17

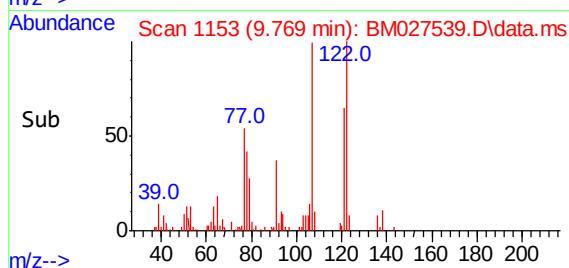
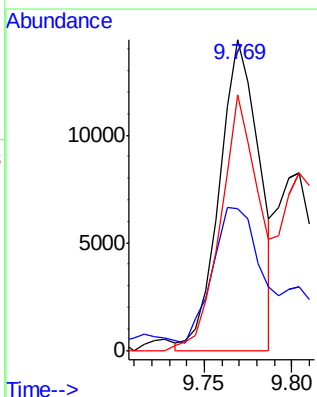
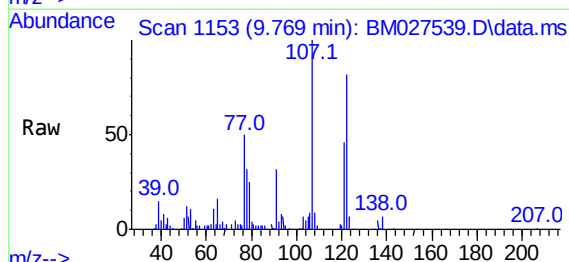
Instrument :
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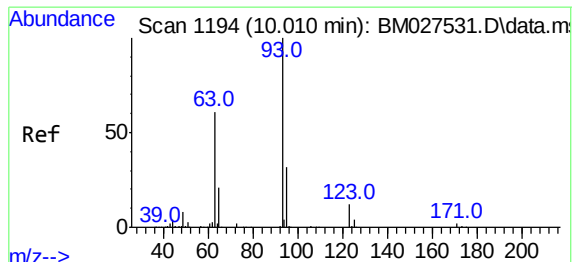
Tgt Ion:117 Resp: 8554
Ion Ratio Lower Upper
117 100
201 0.0 90.6 135.8#
199 0.0 56.3 84.5#



#24
2,4-Dimethylphenol
Concen: 2.64 ng/ul
RT: 9.769 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BM027539.D
Acq: 25 Sep 2020 21:17

Tgt Ion:107 Resp: 22542
Ion Ratio Lower Upper
107 100
121 45.6 36.6 54.8
122 82.1 59.9 89.9



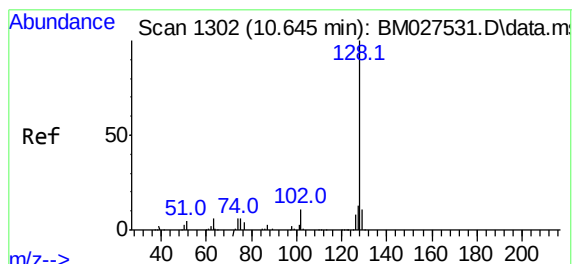
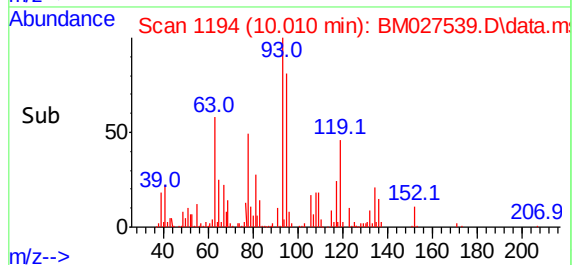
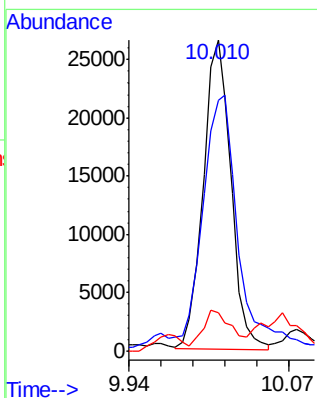
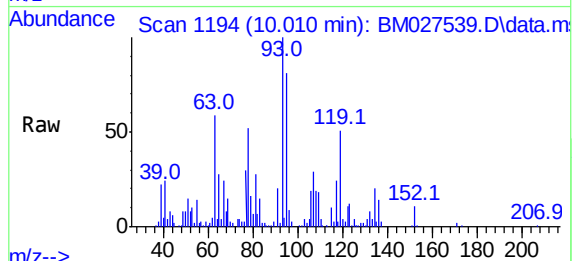


#25
 Bis(2-Chloroethoxy)methane
 Concen: 4.69 ng/ul
 RT: 10.010 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: BM027539.D
 Acq: 25 Sep 2020 21:17

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Tgt Ion: 93 Resp: 42257

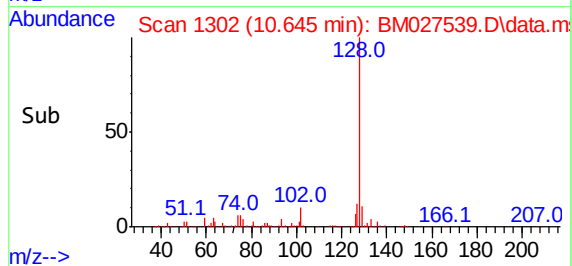
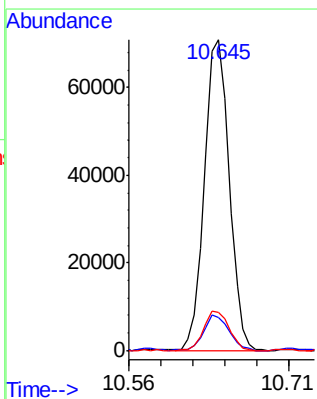
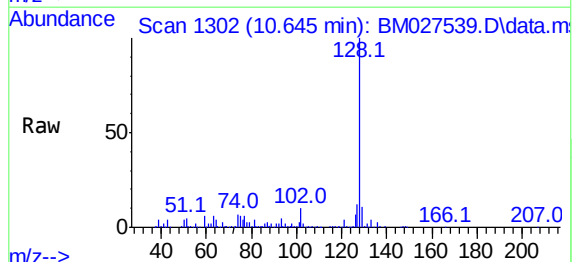
Ion	Ratio	Lower	Upper
93	100		
95	80.8	26.2	39.4#
123	12.4	8.6	13.0

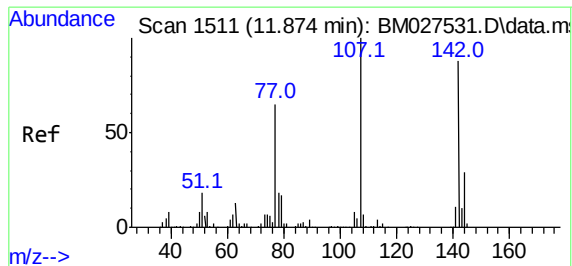


#28
 Naphthalene
 Concen: 5.01 ng/ul
 RT: 10.645 min Scan# 1302
 Delta R.T. -0.006 min
 Lab File: BM027539.D
 Acq: 25 Sep 2020 21:17

Tgt Ion: 128 Resp: 115871

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.4	12.6
127	12.1	10.3	15.5

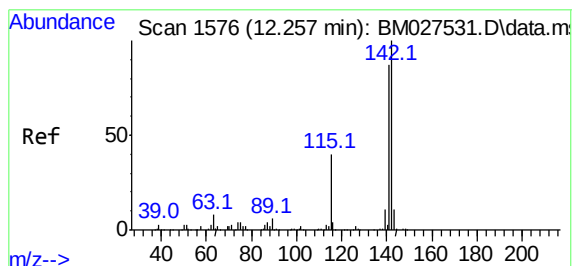
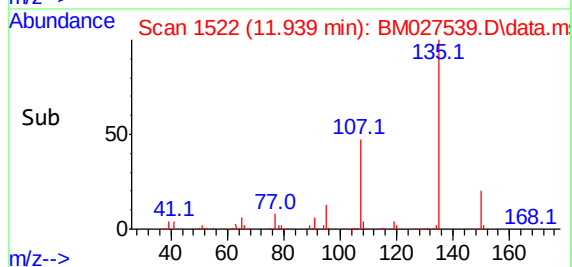
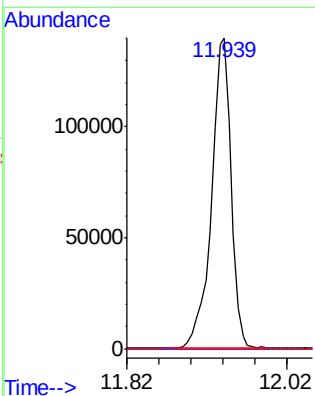
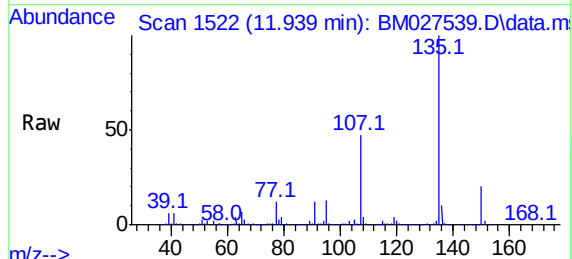




#33
4-Chloro-3-methylphenol
Concen: 33.65 ng/ul
RT: 11.939 min Scan# 1522
Delta R.T. 0.065 min
Lab File: BM027539.D
Acq: 25 Sep 2020 21:17

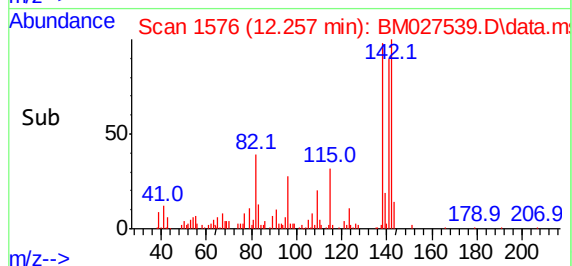
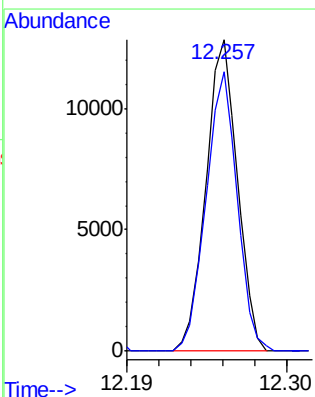
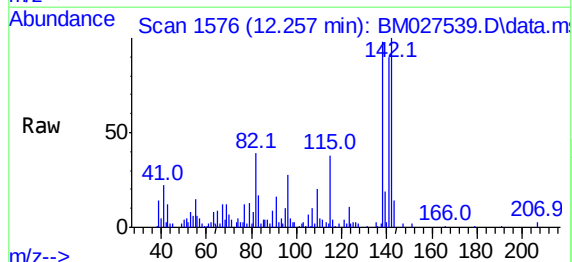
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BG495

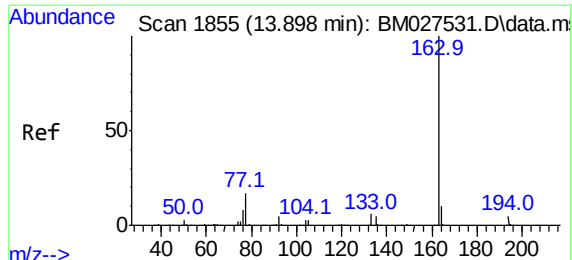
Tgt Ion:107 Resp: 240466
Ion Ratio Lower Upper
107 100
144 0.0 19.7 29.5#
142 0.0 62.0 93.0#



#34
2-Methylnaphthalene
Concen: 1.11 ng/ul
RT: 12.257 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BM027539.D
Acq: 25 Sep 2020 21:17

Tgt Ion:142 Resp: 19560
Ion Ratio Lower Upper
142 100
141 89.9 68.2 102.4

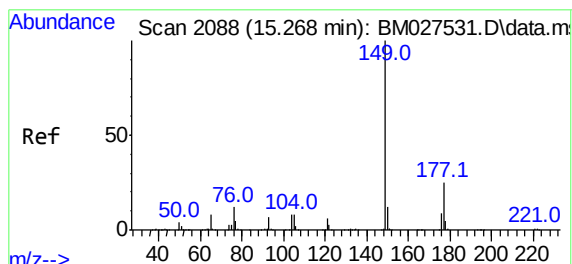
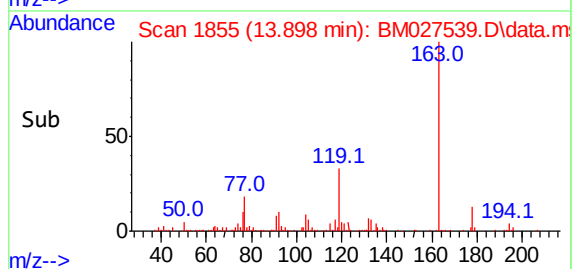
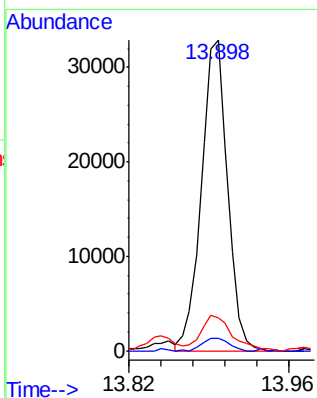
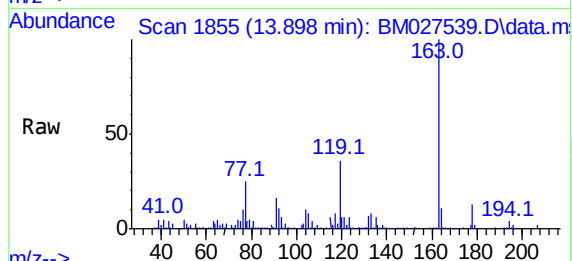




#45
Dimethylphthalate
Concen: 1.88 ng/ul
RT: 13.898 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BM027539.D
Acq: 25 Sep 2020 21:17

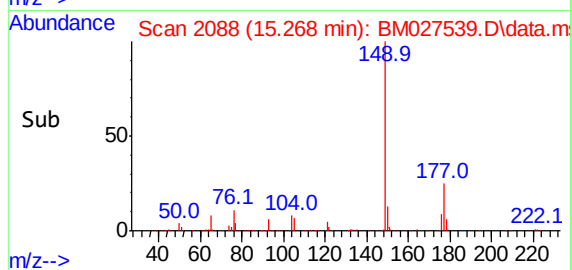
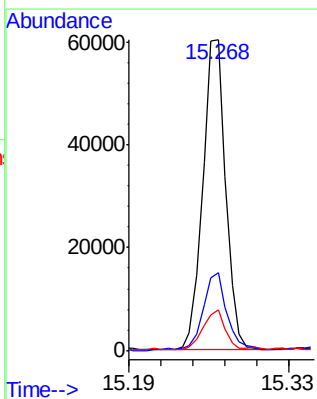
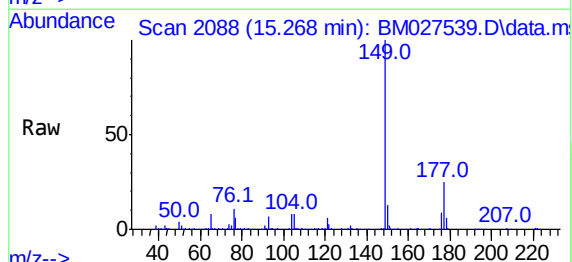
Instrument :
BNA_M
ClientSampleId :
BG495

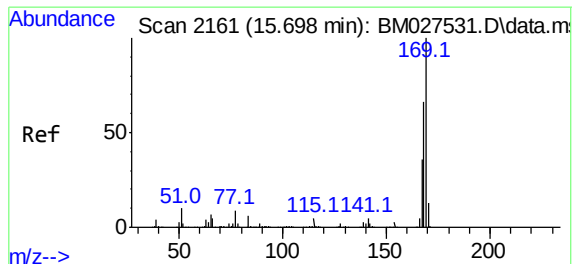
Tgt Ion:	163	Resp:	49443
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.6	8.1	12.1



#57
Diethylphthalate
Concen: 3.30 ng/ul
RT: 15.268 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BM027539.D
Acq: 25 Sep 2020 21:17

Tgt Ion:	149	Resp:	79619
Ion	Ratio	Lower	Upper
149	100		
177	24.8	17.6	26.4
150	13.2	9.6	14.4





#65
 N-Nitrosodiphenylamine
 Concen: 1.37 ng/ul
 RT: 15.698 min Scan# 2161
 Delta R.T. -0.000 min
 Lab File: BM027539.D
 Acq: 25 Sep 2020 21:17

Instrument :
 BNA_M
 ClientSampleId :
 BG495

Tgt Ion:	169	Resp:	28295
Ion	Ratio	Lower	Upper
169	100		
168	63.4	54.2	81.4
167	36.2	29.0	43.4

