

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
 Data File : BG049298.D
 Acq On : 11 Jul 2021 14:12
 Operator : CG/JU
 Sample : M2958-02
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBK27

Manual Integrations
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Quant Time: Jul 12 01:05:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.078	152	28231	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	119122	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.723	164	85117	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.485	188	176502	20.000	ng/ul	# 0.01
79) Chrysene-d12	21.756	240	179249	20.000	ng/ul	# 0.00
88) Perylene-d12	25.046	264	186694	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.460	96	4203	7.003	ng/uL	0.00
4) Pyridine-d5	3.901	84	27791	15.748	ng/ul	0.01
7) Phenol-d5	7.208	99	9496	3.867	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.396	67	61504	43.182	ng/ul	0.00
11) 2-Chlorophenol-d4	7.655	132	59069	32.546	ng/ul	0.05
15) 4-Methylphenol-d8	8.842	113	60421m	30.709	ng/ul	0.06
21) Nitrobenzene-d5	9.253	128	45465	49.738	ng/ul	0.01
24) 2-Nitrophenol-d4	9.982	143	46600	44.409	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.552	165	85880	41.943	ng/ul	0.04
31) 4-Chloroaniline-d4	11.016	131	23690m	8.878	ng/ul	0.00
46) Dimethylphthalate-d6	14.142	166	294190	44.942	ng/ul	0.03
49) Acenaphthylene-d8	14.424	160	355328	46.263	ng/ul	0.00
54) 4-Nitrophenol-d4	14.911	143	4609	4.254	ng/ul	0.00
60) Fluorene-d10	15.722	176	251239	45.332	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.845	200	34123	30.416	ng/ul	0.02
73) Anthracene-d10	17.585	188	390851m	48.638	ng/ul	0.01
81) Pyrene-d10	19.858	212	442510	48.166	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.829	264	481859	49.651	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.501	88	2224	3.043	ng/uL#	81
8) Phenol	7.361	94	227682	92.709	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.491	93	7529	4.123	ng/ul#	78
23) Isophorone	9.829	82	310923	69.823	ng/ul#	96
26) 2,4-Dimethylphenol	10.099	107	17515m	7.389	ng/ul	
29) 2,4-Dichlorophenol	10.628	162	15558m	8.316	ng/ul	
30) Naphthalene	10.957	128	176027	29.638	ng/ul	97
36) 2-Methylnaphthalene	12.555	142	66541	14.746	ng/ul	98
37) 1-Methylnaphthalene	12.778	142	66157	14.743	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.190	196	4642	2.684	ng/ul	89
42) 2,4,5-Trichlorophenol	13.307	196	30260m	16.451	ng/ul	
43) 1,1'-Biphenyl	13.560	154	14094	2.451	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.393	232	161862m	93.842	ng/ul	
61) Fluorene	15.775	166	7418	1.247	ng/ul#	74
71) Pentachlorophenol	17.173	266	1853764	1393.132	ng/ul	93

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

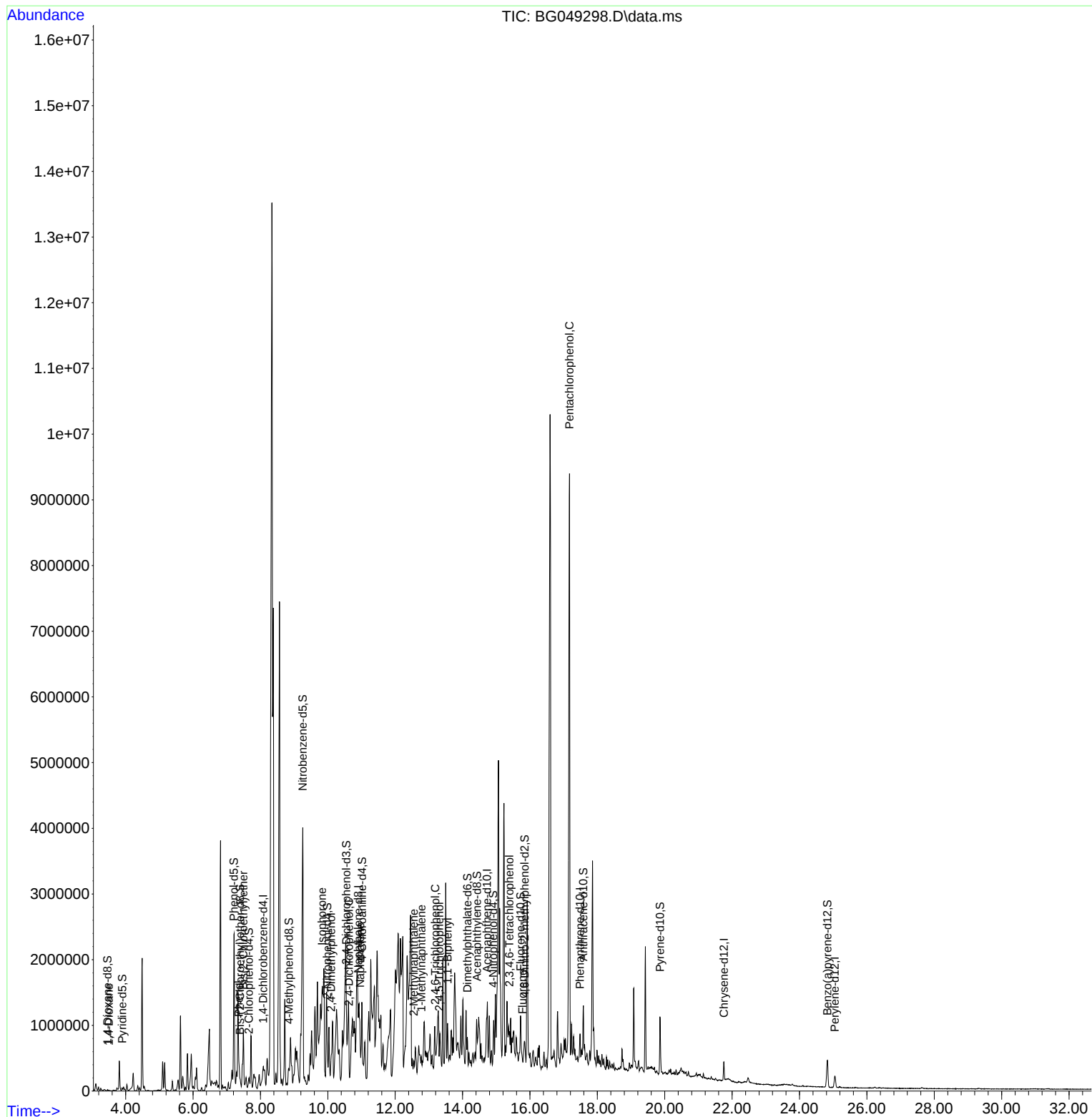
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Data File : BG049298.D
Acq On : 11 Jul 2021 14:12
Operator : CG/JU
Sample : M2958-02
Misc :
ALS Vial : 69 Sample Multiplier: 1

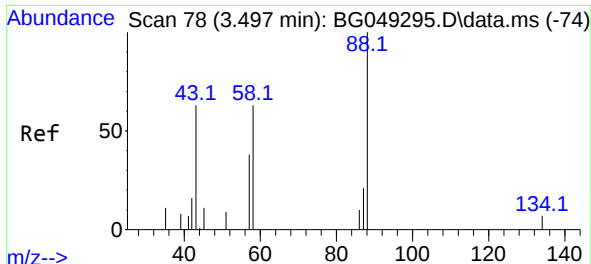
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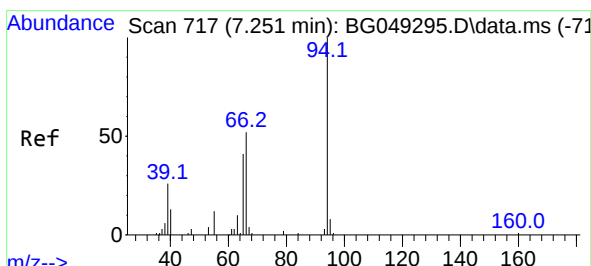
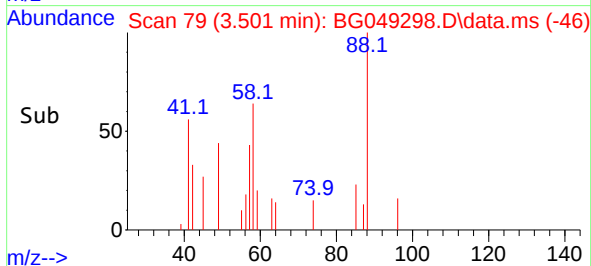
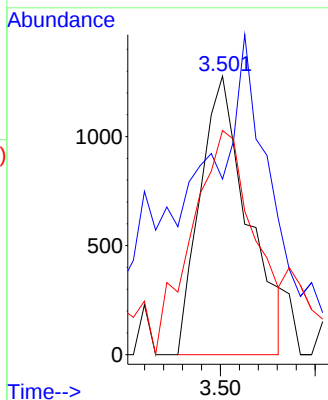
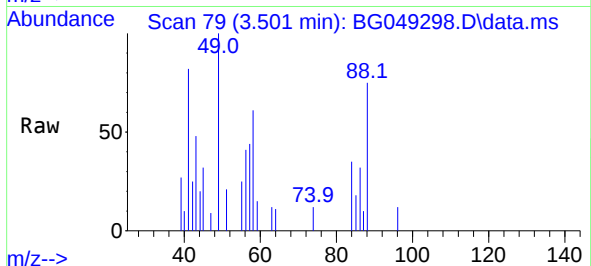
#2
1,4-Dioxane
Concen: 3.043 ng/uL
RT: 3.501 min Scan# 79
Delta R.T. -0.004 min
Lab File: BG049298.D
Acq: 11 Jul 2021 14:12

Tgt Ion: 88 Resp: 2224
Ion Ratio Lower Upper
88 100
43 63.0 32.5 48.7#
58 80.5 72.7 109.1

Instrument :
BNA_G
ClientSampled :
DBK27

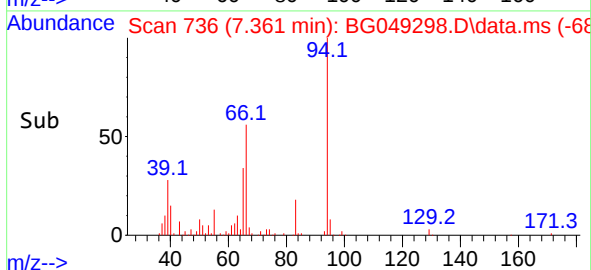
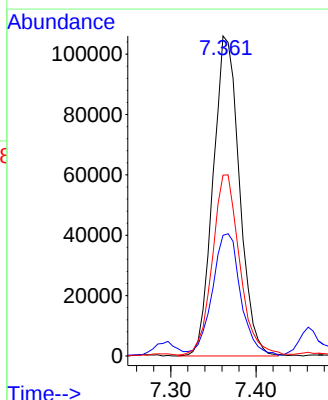
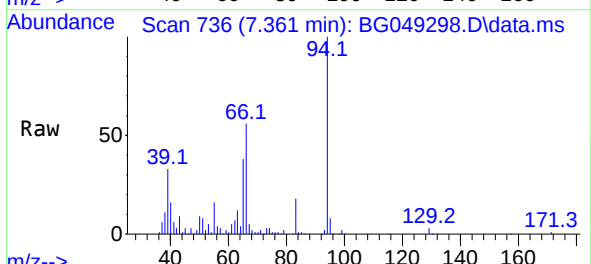
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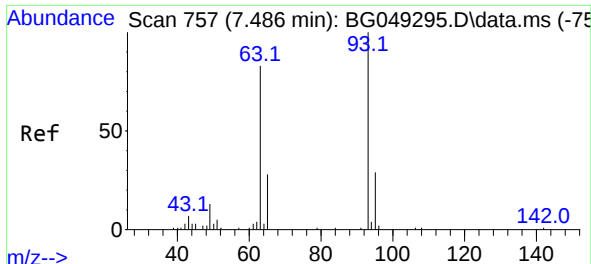
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#8
Phenol
Concen: 92.709 ng/uL
RT: 7.361 min Scan# 736
Delta R.T. 0.108 min
Lab File: BG049298.D
Acq: 11 Jul 2021 14:12

Tgt Ion: 94 Resp: 227682
Ion Ratio Lower Upper
94 100
65 37.7 27.2 40.8
66 56.5 40.6 60.8





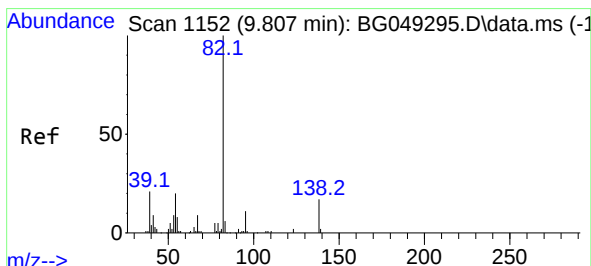
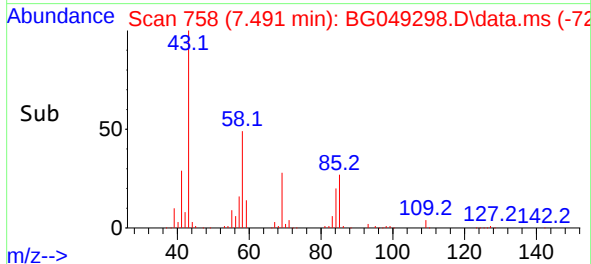
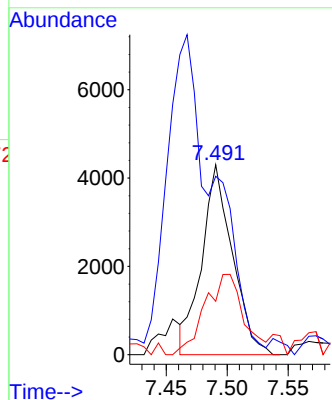
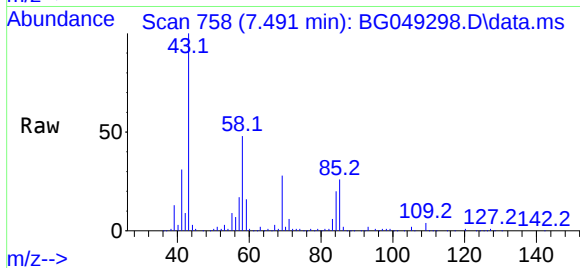
#10
Bis(2-Chloroethyl)ether
Concen: 4.123 ng/ul
RT: 7.491 min Scan# 758
Delta R.T. -0.004 min
Lab File: BG049298.D
Acq: 11 Jul 2021 14:12

Tgt Ion: 93 Resp: 7529
Ion Ratio Lower Upper
93 100
63 93.9 55.9 83.9#
95 28.1 21.4 32.2

Instrument :
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ClientSampleId :
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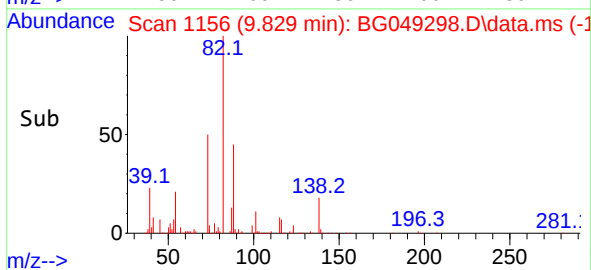
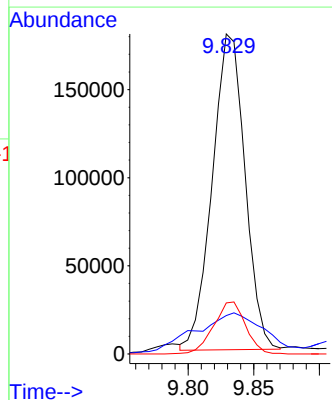
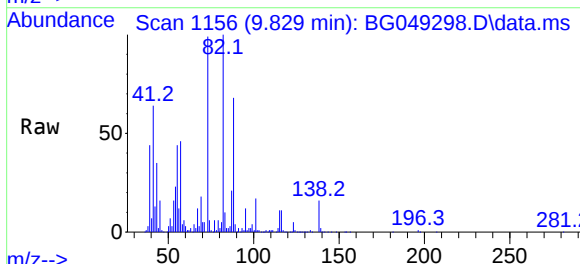
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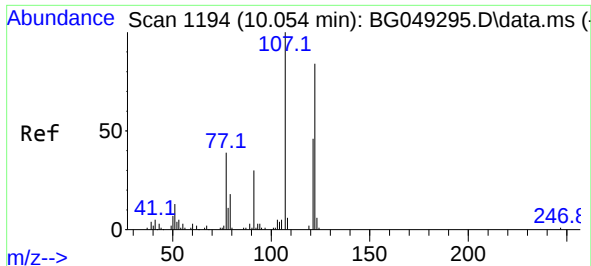
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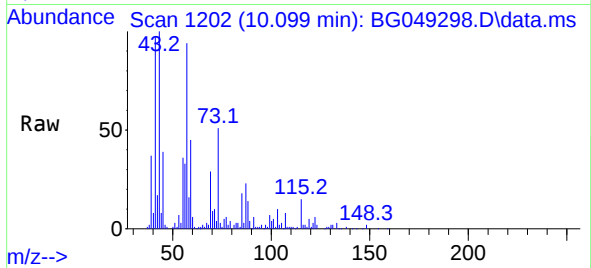
#23
Isophorone
Concen: 69.823 ng/ul
RT: 9.829 min Scan# 1156
Delta R.T. 0.020 min
Lab File: BG049298.D
Acq: 11 Jul 2021 14:12

Tgt Ion: 82 Resp: 310923
Ion Ratio Lower Upper
82 100
95 12.0 6.7 10.1#
138 16.0 12.7 19.1

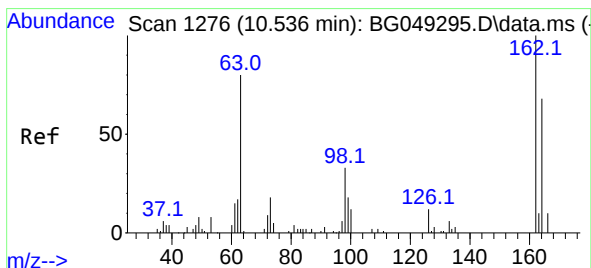
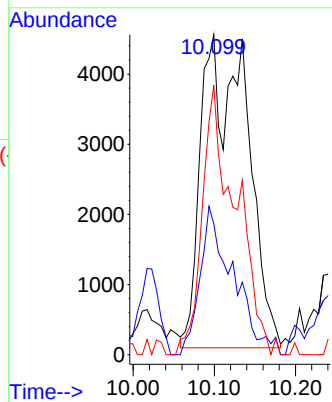
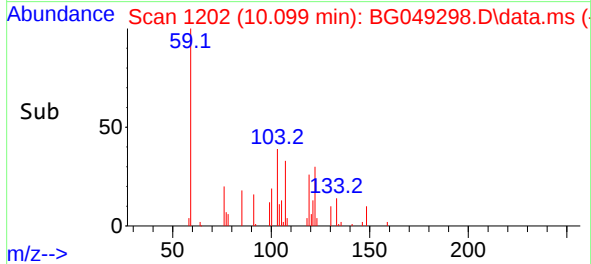




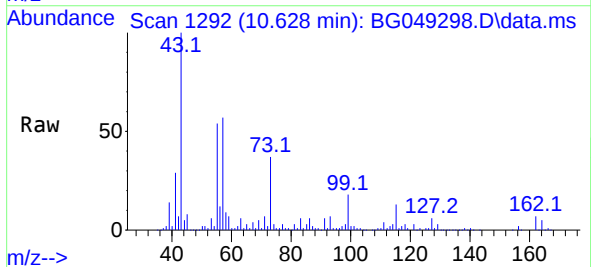
#26
2,4-Dimethylphenol
Concen: 7.389 ng/ul m
RT: 10.099 min Scan# 1202
Delta R.T. 0.043 min
Lab File: BG049298.D
Acq: 11 Jul 2021 14:12



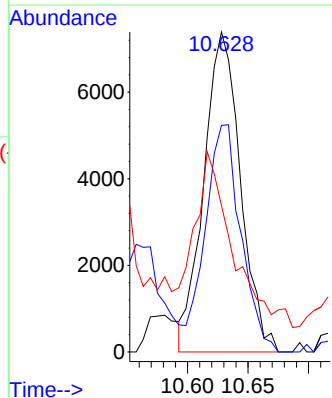
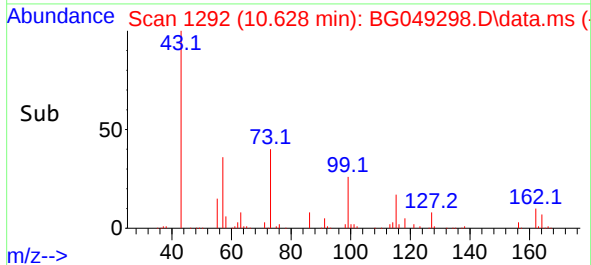
Tgt Ion:107 Resp: 17515
Ion Ratio Lower Upper
107 100
121 40.8 35.0 52.4
122 84.2 56.5 84.7



#29
2,4-Dichlorophenol
Concen: 8.316 ng/ul m
RT: 10.628 min Scan# 1292
Delta R.T. 0.084 min
Lab File: BG049298.D
Acq: 11 Jul 2021 14:12



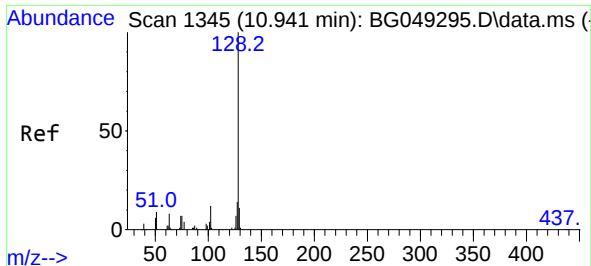
Tgt Ion:162 Resp: 15558
Ion Ratio Lower Upper
162 100
164 70.8 53.4 80.2
98 45.7 25.8 38.8#



Instrument :
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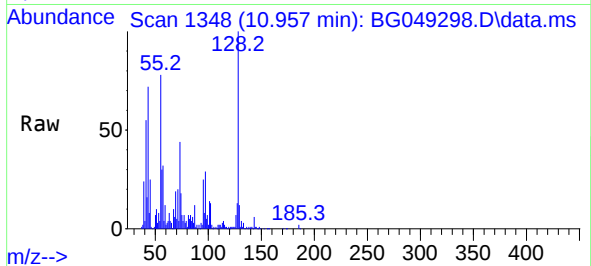
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#30
Naphthalene
Concen: 29.638 ng/ul
RT: 10.957 min Scan# 1348
Delta R.T. 0.008 min
Lab File: BG049298.D
Acq: 11 Jul 2021 14:12

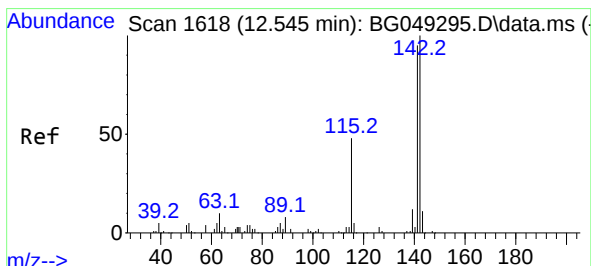
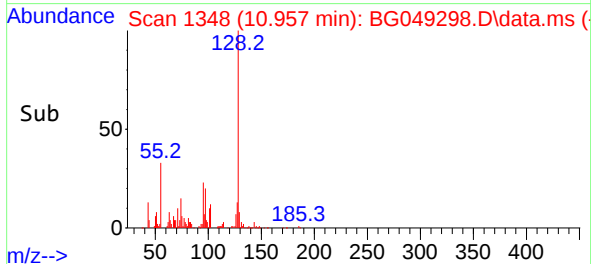
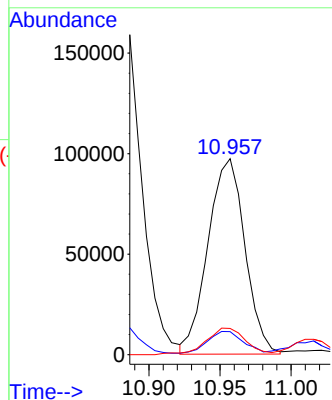
Instrument :
BNA_G
ClientSampleId :
DBK27



Tgt Ion:128 Resp: 176027
Ion Ratio Lower Upper
128 100
129 11.7 8.6 12.8
127 13.4 11.8 17.6

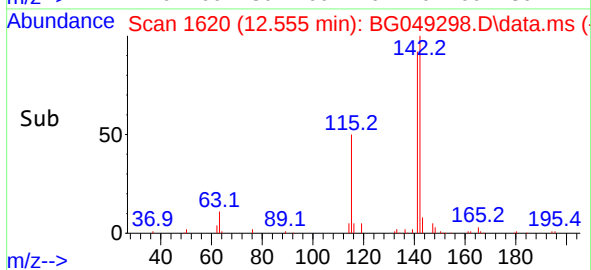
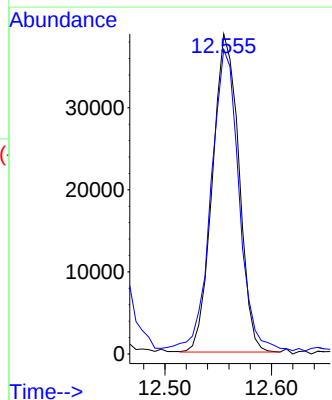
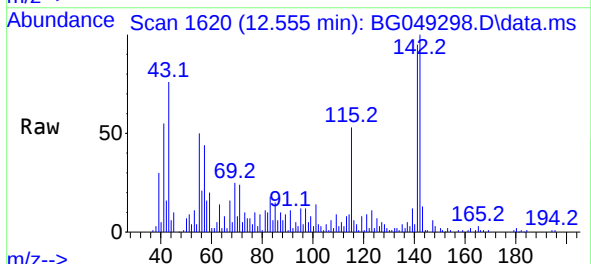
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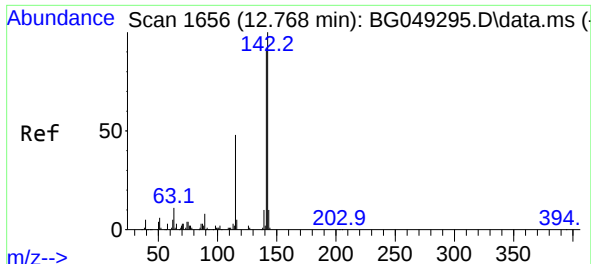
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#36
2-Methylnaphthalene
Concen: 14.746 ng/ul
RT: 12.555 min Scan# 1620
Delta R.T. 0.002 min
Lab File: BG049298.D
Acq: 11 Jul 2021 14:12

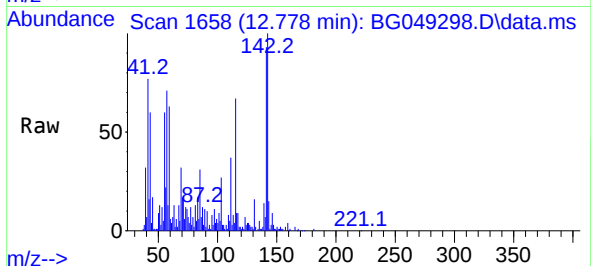
Tgt Ion:142 Resp: 66541
Ion Ratio Lower Upper
142 100
141 95.2 78.0 117.0





#37
1-Methylnaphthalene
Concen: 14.743 ng/ul
RT: 12.778 min Scan# 1658
Delta R.T. 0.008 min
Lab File: BG049298.D
Acq: 11 Jul 2021 14:12

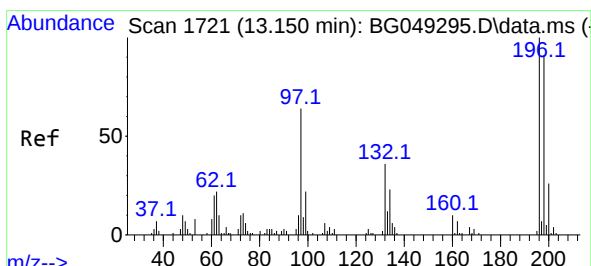
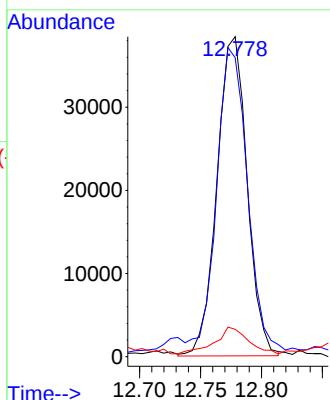
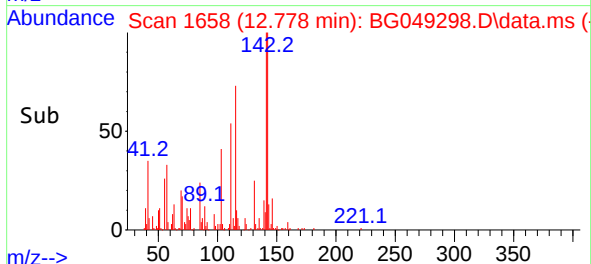
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ClientSampleId :
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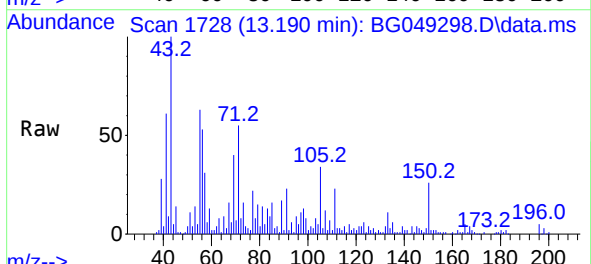
Tgt Ion:142 Resp: 66157
Ion Ratio Lower Upper
142 100
141 93.5 78.0 117.0
116 8.6 3.2 4.8#

Manual Integrations
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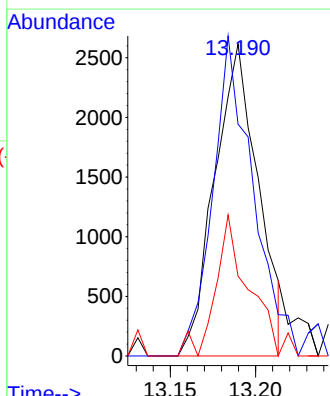
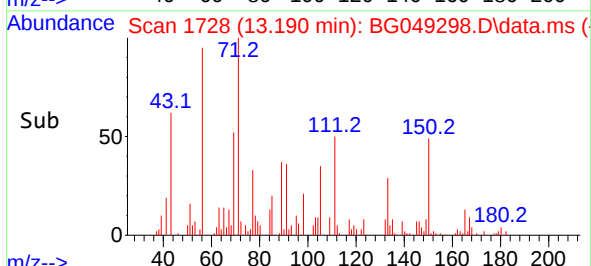
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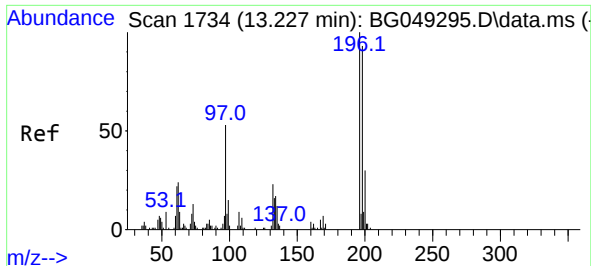


#41
2,4,6-Trichlorophenol
Concen: 2.684 ng/ul
RT: 13.190 min Scan# 1728
Delta R.T. 0.037 min
Lab File: BG049298.D
Acq: 11 Jul 2021 14:12



Tgt Ion:196 Resp: 4642
Ion Ratio Lower Upper
196 100
198 74.3 68.8 103.2
200 25.6 22.4 33.6





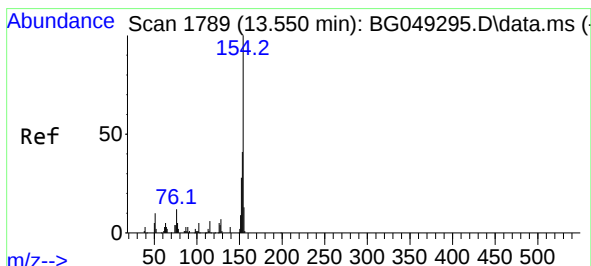
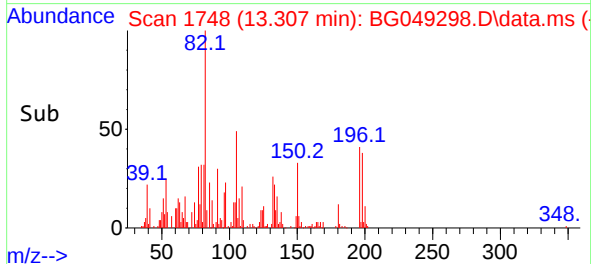
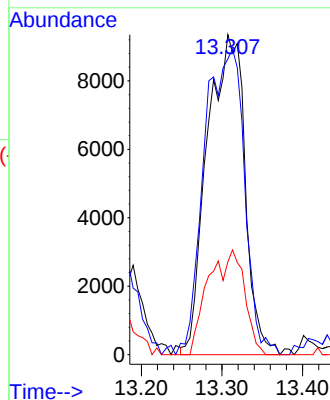
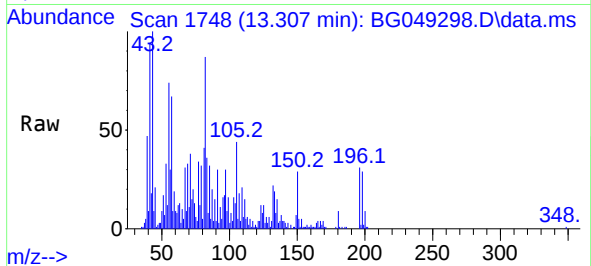
#42
2,4,5-Trichlorophenol
Concen: 16.451 ng/ul m
RT: 13.307 min Scan# 1748
Delta R.T. 0.078 min
Lab File: BG049298.D
Acq: 11 Jul 2021 14:12

Tgt Ion:	196	Resp:	30260
Ion Ratio	Lower	Upper	
196	100		
198	92.5	83.8	125.8
200	29.1	28.8	43.2

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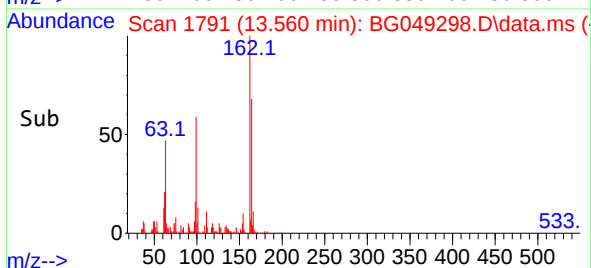
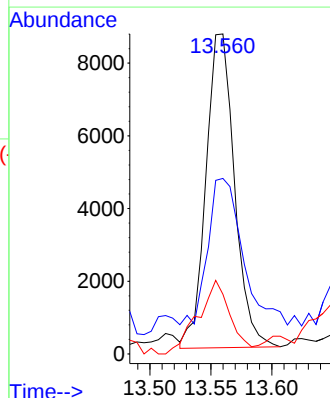
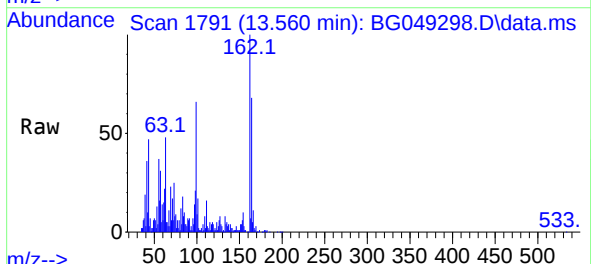
Manual Integrations
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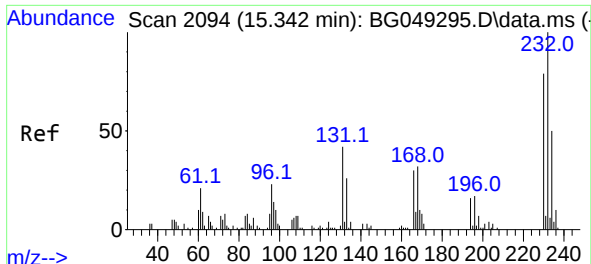
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#43
1,1'-Biphenyl
Concen: 2.451 ng/ul
RT: 13.560 min Scan# 1791
Delta R.T. 0.008 min
Lab File: BG049298.D
Acq: 11 Jul 2021 14:12

Tgt Ion:	154	Resp:	14094
Ion Ratio	Lower	Upper	
154	100		
153	54.8	33.5	50.3#
76	18.7	8.6	12.8#





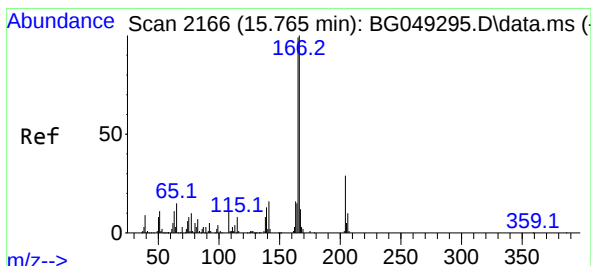
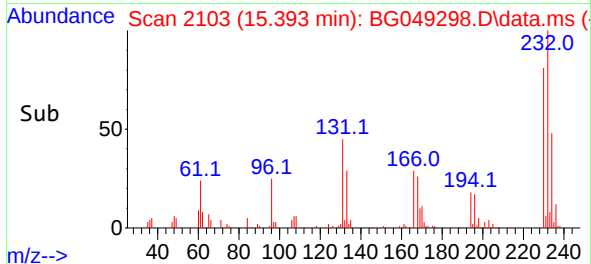
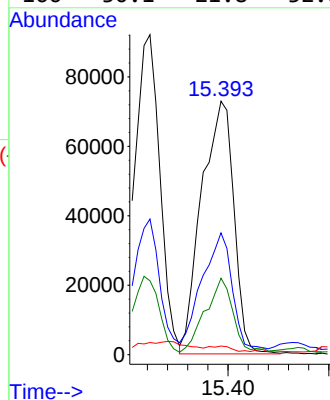
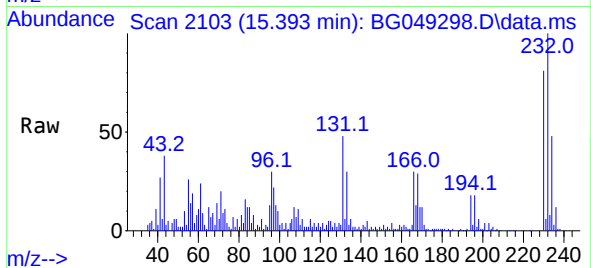
#58
2,3,4,6-Tetrachlorophenol
Concen: 93.842 ng/ul m
RT: 15.393 min Scan# 2103
Delta R.T. 0.049 min
Lab File: BG049298.D
Acq: 11 Jul 2021 14:12

Tgt Ion:232 Resp: 161862
Ion Ratio Lower Upper
232 100
131 48.0 30.6 45.8#
130 3.4 2.3 3.5
166 30.1 21.8 32.8

Instrument :
BNA_G
ClientSampleId :
DBK27

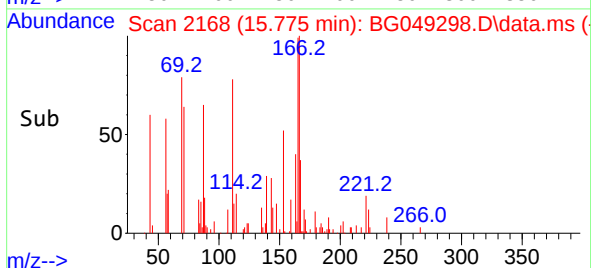
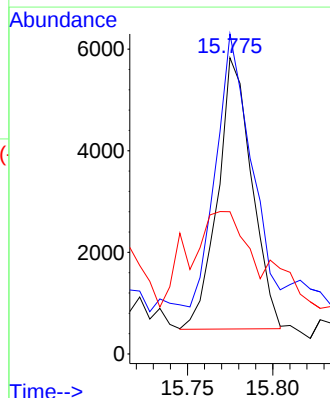
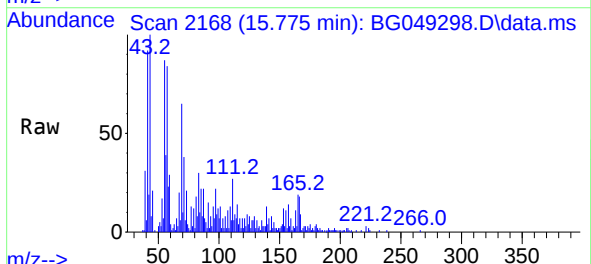
Manual Integrations
APPROVED

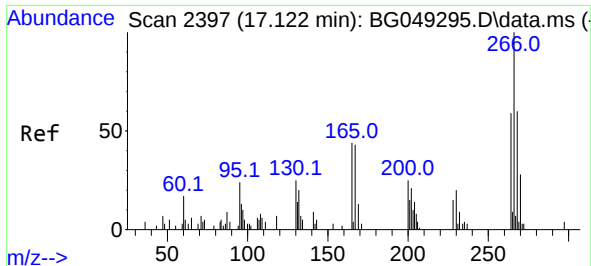
mohammad
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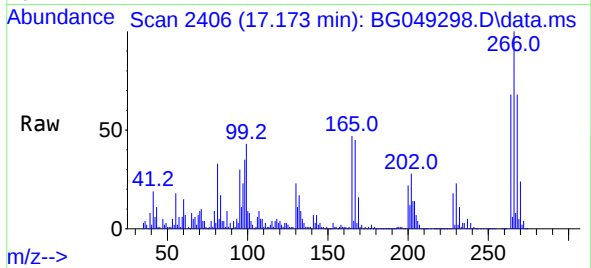
#61
Fluorene
Concen: 1.247 ng/ul
RT: 15.775 min Scan# 2168
Delta R.T. 0.008 min
Lab File: BG049298.D
Acq: 11 Jul 2021 14:12

Tgt Ion:166 Resp: 7418
Ion Ratio Lower Upper
166 100
165 108.0 73.5 110.3
167 48.0 9.6 14.4#



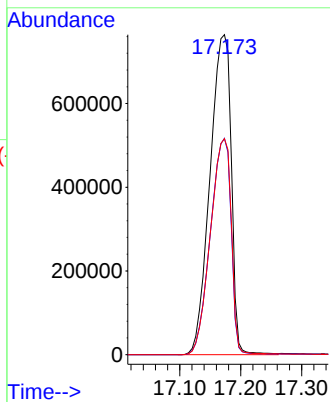
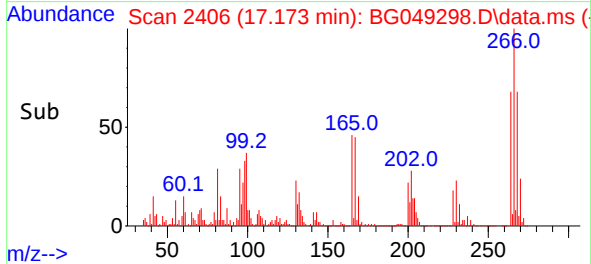


#71
 Pentachlorophenol
 Concen: 1393.132 ng/ul
 RT: 17.173 min Scan# 2406
 Delta R.T. 0.055 min
 Lab File: BG049298.D
 Acq: 11 Jul 2021 14:12



Tgt Ion:266 Resp: 1853764

Ion	Ratio	Lower	Upper
266	100		
264	67.6	50.1	75.1
268	67.5	49.5	74.3



Instrument :
 BNA_G
 ClientSampleId :
 DBK27

Manual Integrations
 APPROVED

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