

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071221\
 Data File : BG049305.D
 Acq On : 12 Jul 2021 18:28
 Operator : CG/JU
 Sample : M2958-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBK23

Manual Integrations
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Quant Time: Jul 13 01:10:20 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	8.070	152	28393	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.902	136	113285	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.721	164	80050	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.482	188	167938	20.000	ng/ul	0.01
79) Chrysene-d12	21.748	240	176377	20.000	ng/ul	0.00
88) Perylene-d12	25.038	264	185745	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	3626m	6.007	ng/uL	-0.01
4) Pyridine-d5	3.893	84	21384	12.048	ng/ul	0.00
7) Phenol-d5	7.212	99	33038m	13.377	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.394	67	52238	36.467	ng/ul	0.00
11) 2-Chlorophenol-d4	7.659	132	55046	30.156	ng/ul	0.05
15) 4-Methylphenol-d8	8.863	113	52307m	26.433	ng/ul	0.08
21) Nitrobenzene-d5	9.251	128	37830	43.517	ng/ul	0.01
24) 2-Nitrophenol-d4	9.979	143	40712	40.797	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.555	165	69290	35.585	ng/ul	0.04
31) 4-Chloroaniline-d4	11.014	131	10755	4.238	ng/ul	-0.01
46) Dimethylphthalate-d6	14.145	166	226117	36.729	ng/ul	0.03
49) Acenaphthylene-d8	14.421	160	282487	39.108	ng/ul	0.00
54) 4-Nitrophenol-d4	14.909	143	3261	3.200	ng/ul	0.00
60) Fluorene-d10	15.720	176	196133	37.629	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.837	200	43330	40.592	ng/ul	0.01
73) Anthracene-d10	17.582	188	310833	40.653	ng/ul	0.01
81) Pyrene-d10	19.856	212	350223	38.741	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.815	264	394236	40.830	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.499	88	1387	1.887	ng/uL#	47
8) Phenol	7.383	94	101799	41.215	ng/ul	91
23) Isophorone	9.844	82	1430005	337.678	ng/ul#	93
26) 2,4-Dimethylphenol	10.138	107	23243m	10.311	ng/ul	
30) Naphthalene	10.925	128	1063348	188.263	ng/ul#	76
36) 2-Methylnaphthalene	12.553	142	88982	20.735	ng/ul	98
37) 1-Methylnaphthalene	12.770	142	60652	14.212	ng/ul#	99
41) 2,4,6-Trichlorophenol	13.205	196	7735m	4.756	ng/ul	
42) 2,4,5-Trichlorophenol	13.299	196	70229m	40.598	ng/ul	
43) 1,1'-Biphenyl	13.552	154	10927	2.020	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.391	232	599415	369.519	ng/ul	93
61) Fluorene	15.773	166	6463	1.155	ng/ul#	91
71) Pentachlorophenol	17.195	266	5204500	4110.715	ng/ul#	83
72) Phenanthrene	17.524	178	8967	1.095	ng/ul#	45

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

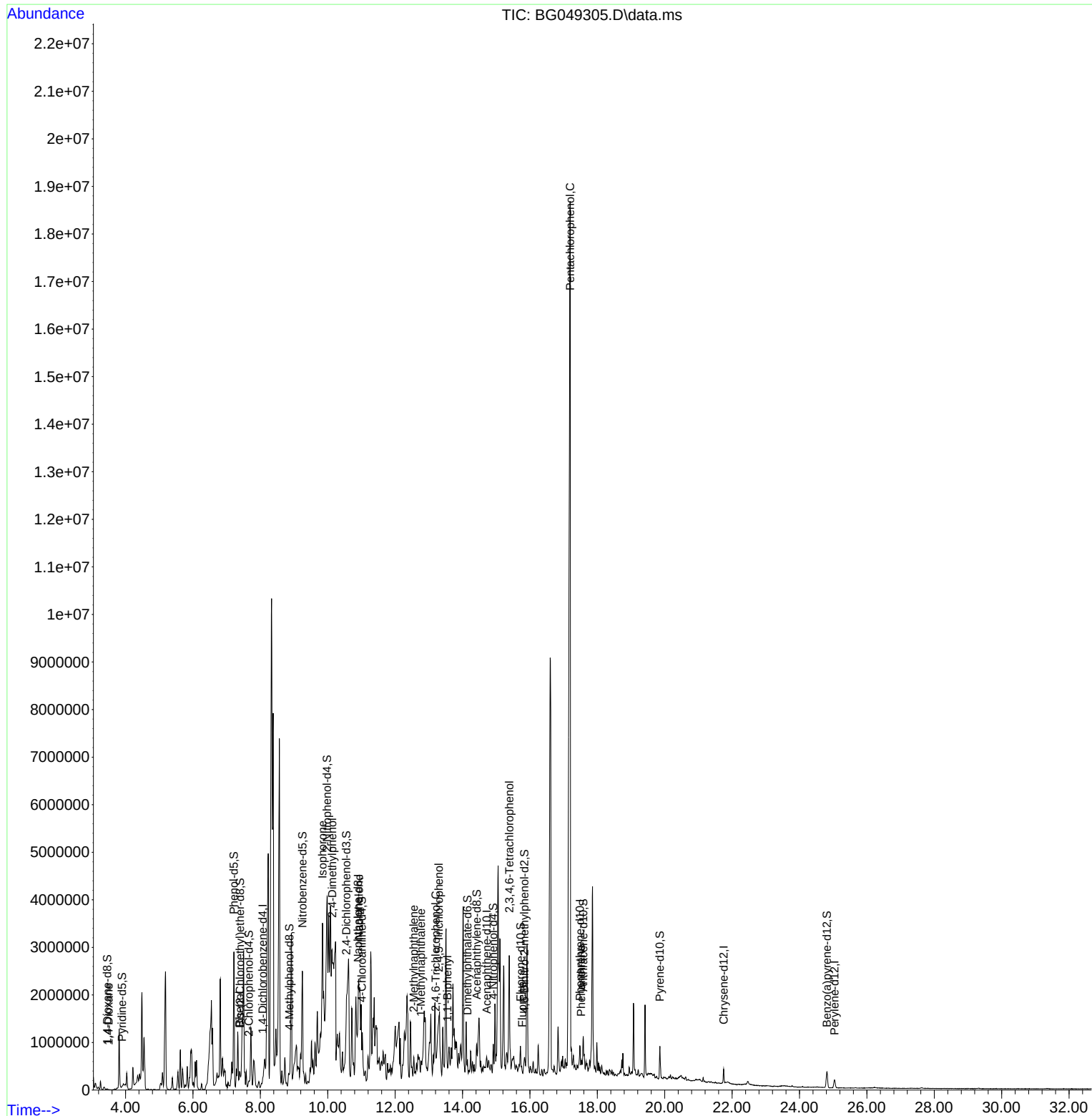
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071221\
Data File : BG049305.D
Acq On : 12 Jul 2021 18:28
Operator : CG/JU
Sample : M2958-01
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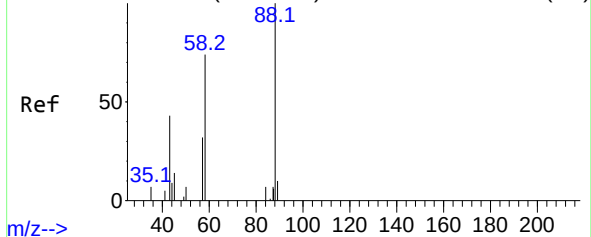
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Abundance Scan 77 (3.490 min): BG049301.D\data.ms (-72)



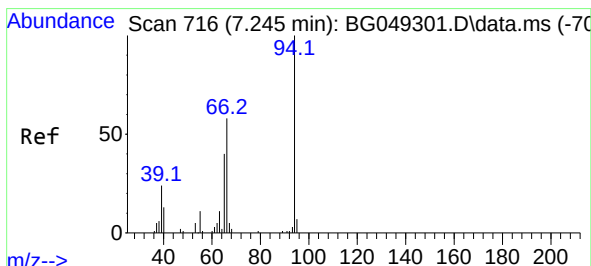
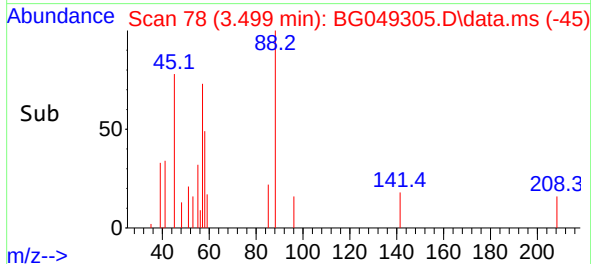
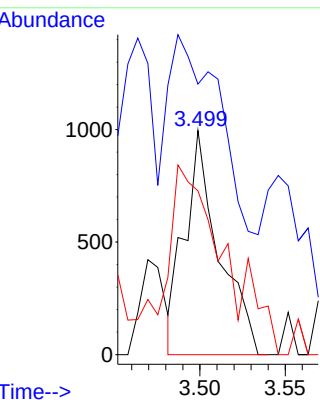
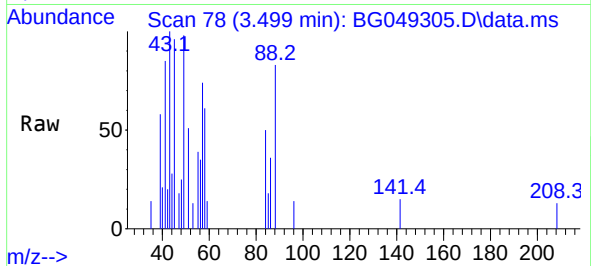
#2
1,4-Dioxane
Concen: 1.887 ng/uL
RT: 3.499 min Scan# 78
Delta R.T. -0.006 min
Lab File: BG049305.D
Acq: 12 Jul 2021 18:28

Tgt Ion: 88 Resp: 1387
Ion Ratio Lower Upper
88 100
43 120.7 32.5 48.7#
58 73.1 72.7 109.1

Instrument :
BNA_G
ClientSampled :
DBK23

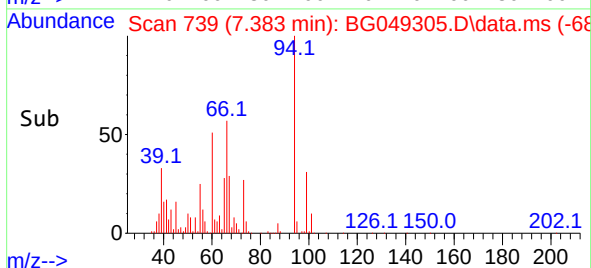
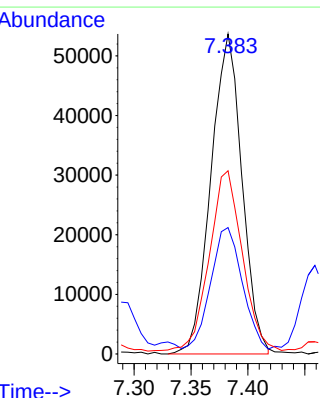
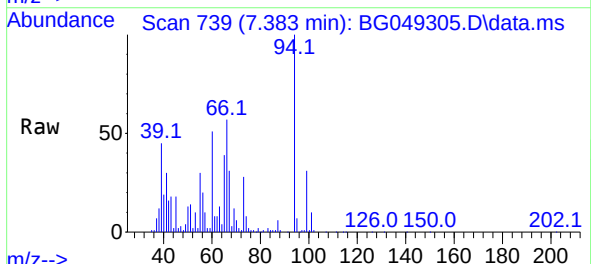
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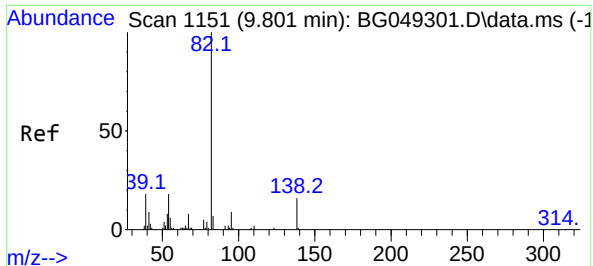
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#8
Phenol
Concen: 41.215 ng/uL
RT: 7.383 min Scan# 739
Delta R.T. 0.129 min
Lab File: BG049305.D
Acq: 12 Jul 2021 18:28

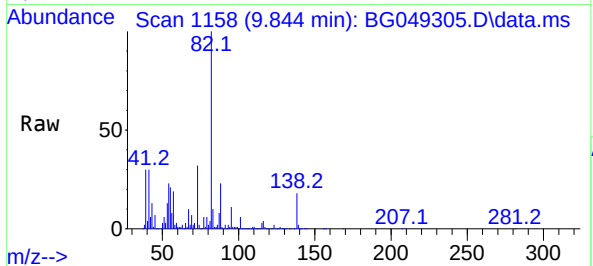
Tgt Ion: 94 Resp: 101799
Ion Ratio Lower Upper
94 100
65 39.5 27.2 40.8
66 57.2 40.6 60.8





#23
Isophorone
Concen: 337.678 ng/ul
RT: 9.844 min Scan# 1158
Delta R.T. 0.035 min
Lab File: BG049305.D
Acq: 12 Jul 2021 18:28

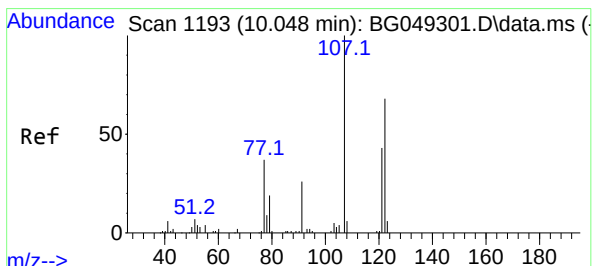
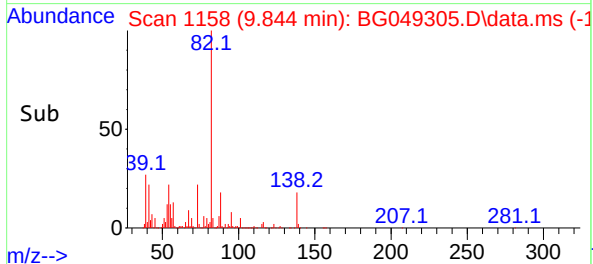
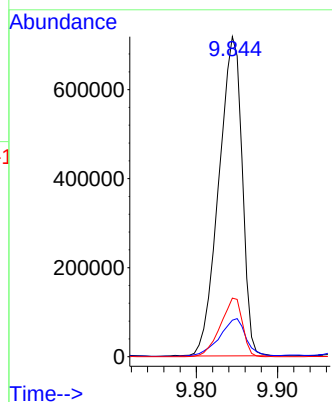
Instrument :
BNA_G
ClientSampleId :
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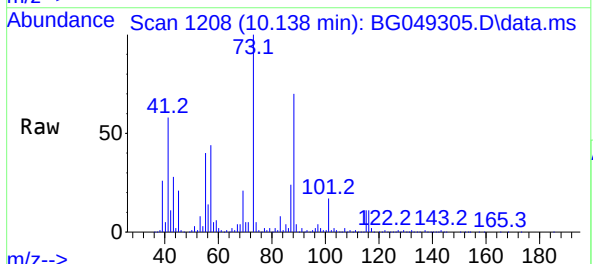
Tgt Ion: 82 Resp: 1430005
Ion Ratio Lower Upper
82 100
95 11.4 6.7 10.1#
138 18.3 12.7 19.1

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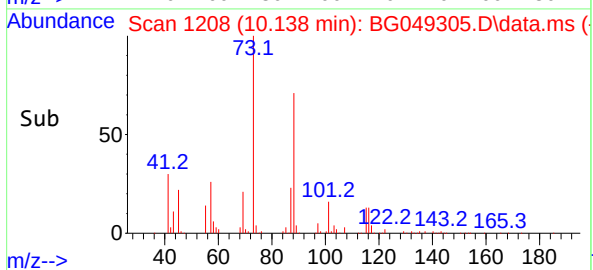
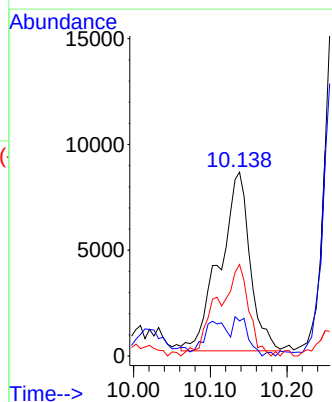
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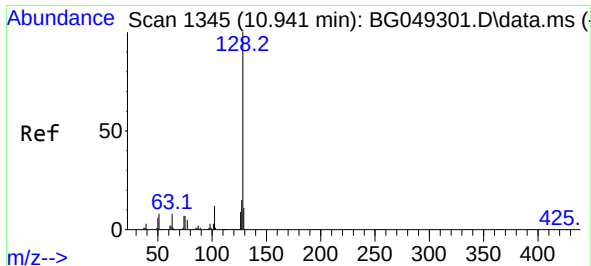


#26
2,4-Dimethylphenol
Concen: 10.311 ng/ul m
RT: 10.138 min Scan# 1208
Delta R.T. 0.082 min
Lab File: BG049305.D
Acq: 12 Jul 2021 18:28



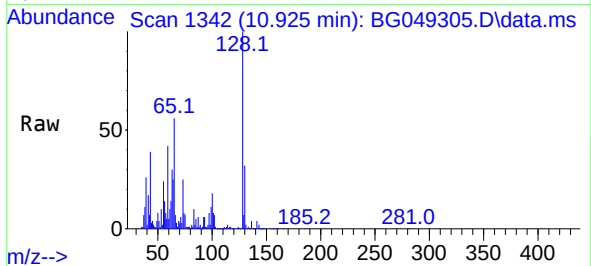
Tgt Ion: 107 Resp: 23243
Ion Ratio Lower Upper
107 100
121 19.0 35.0 52.4#
122 49.7 56.5 84.7#





#30
Naphthalene
Concen: 188.263 ng/ul
RT: 10.925 min Scan# 1342
Delta R.T. -0.024 min
Lab File: BG049305.D
Acq: 12 Jul 2021 18:28

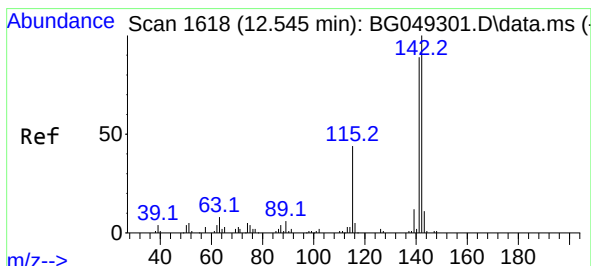
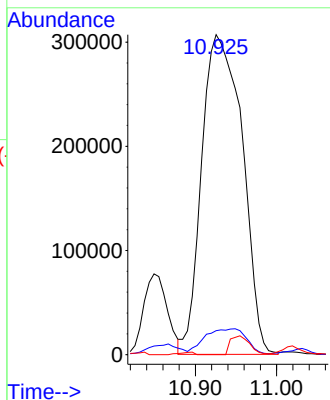
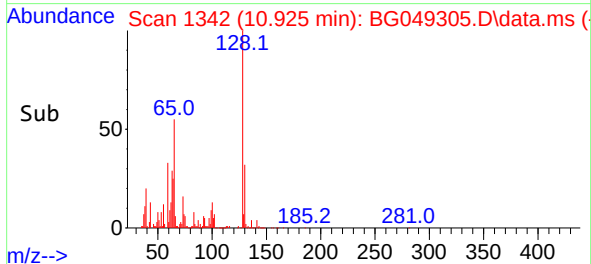
Instrument :
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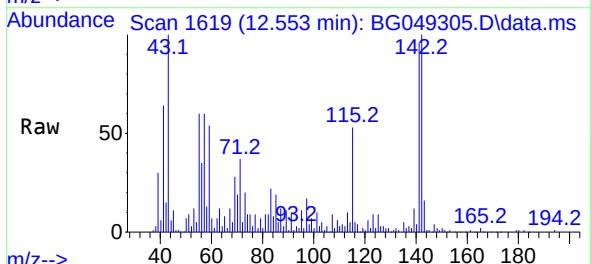
Tgt Ion:128 Resp: 1063348
Ion Ratio Lower Upper
128 100
129 7.5 8.6 12.8#
127 0.0 11.8 17.6#

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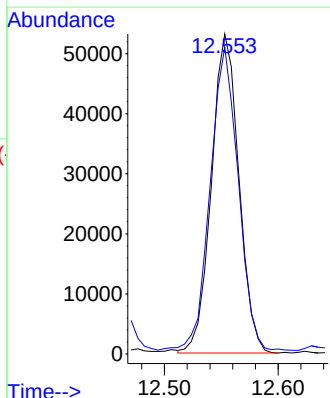
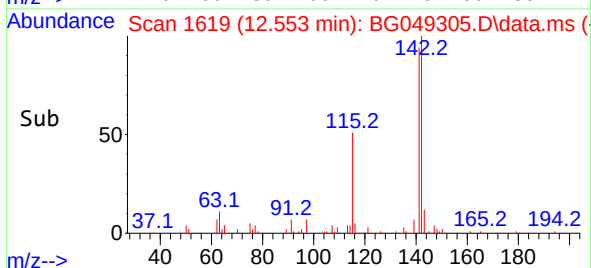
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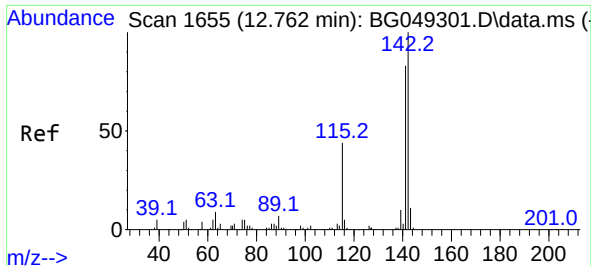


#36
2-Methylnaphthalene
Concen: 20.735 ng/ul
RT: 12.553 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BG049305.D
Acq: 12 Jul 2021 18:28



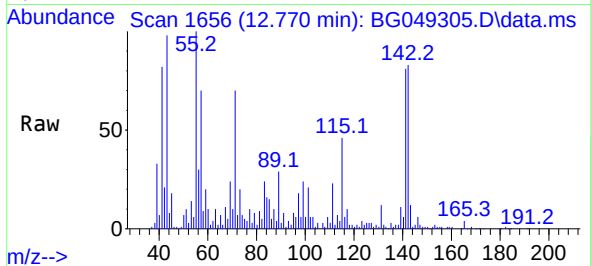
Tgt Ion:142 Resp: 88982
Ion Ratio Lower Upper
142 100
141 95.9 78.0 117.0





#37
1-Methylnaphthalene
Concen: 14.212 ng/ul
RT: 12.770 min Scan# 1656
Delta R.T. -0.000 min
Lab File: BG049305.D
Acq: 12 Jul 2021 18:28

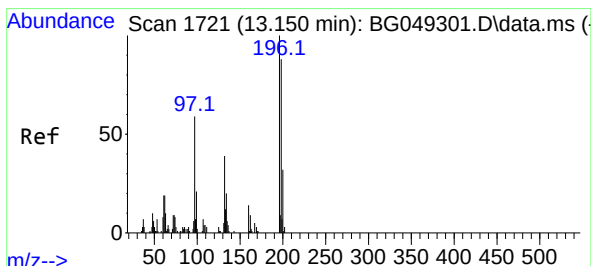
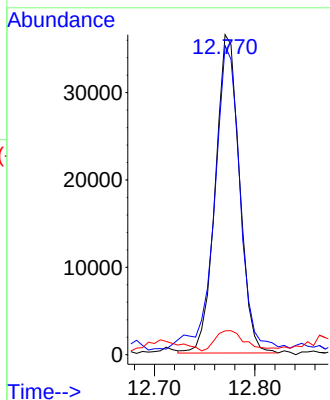
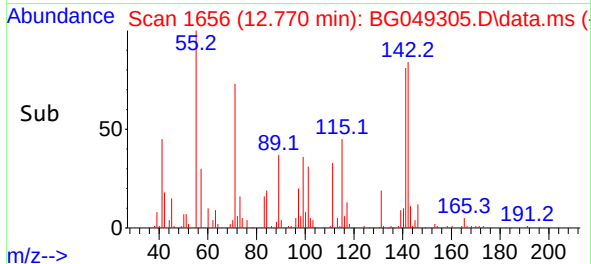
Instrument :
BNA_G
ClientSampleId :
DBK23



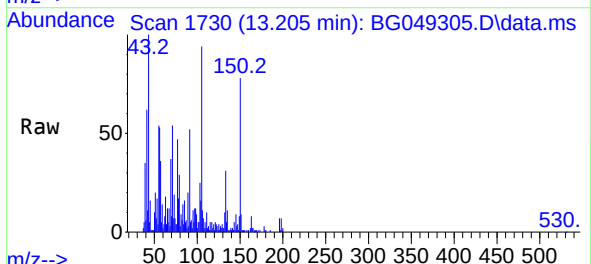
Tgt Ion:142 Resp: 60652
Ion Ratio Lower Upper
142 100
141 96.6 78.0 117.0
116 7.4 3.2 4.8#

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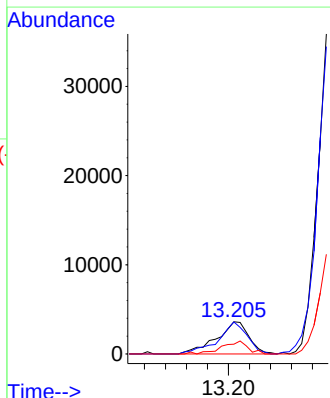
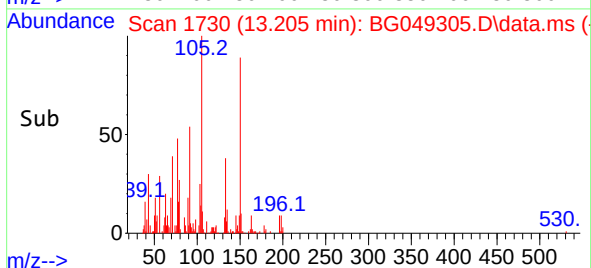
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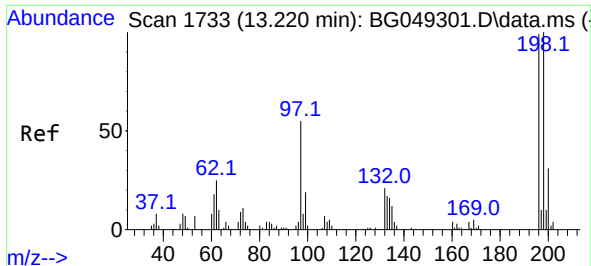


#41
2,4,6-Trichlorophenol
Concen: 4.756 ng/ul m
RT: 13.205 min Scan# 1730
Delta R.T. 0.053 min
Lab File: BG049305.D
Acq: 12 Jul 2021 18:28



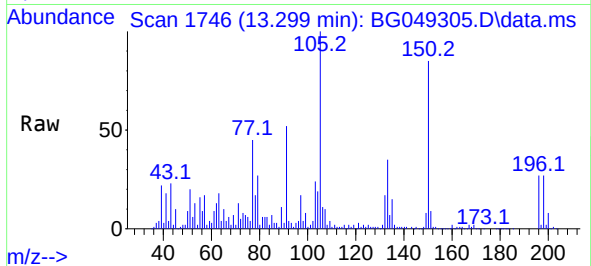
Tgt Ion:196 Resp: 7735
Ion Ratio Lower Upper
196 100
198 99.4 68.8 103.2
200 30.5 22.4 33.6





#42
2,4,5-Trichlorophenol
Concen: 40.598 ng/ul m
RT: 13.299 min Scan# 1746
Delta R.T. 0.070 min
Lab File: BG049305.D
Acq: 12 Jul 2021 18:28

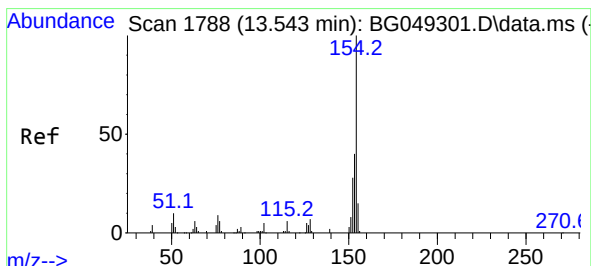
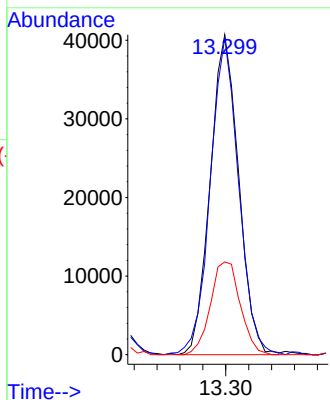
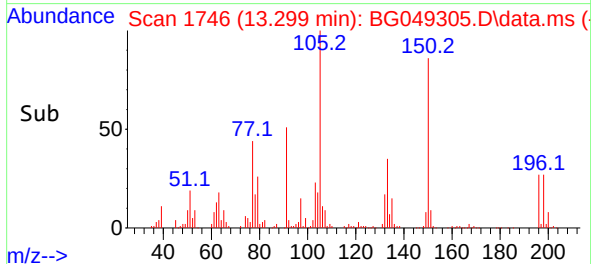
Instrument :
BNA_G
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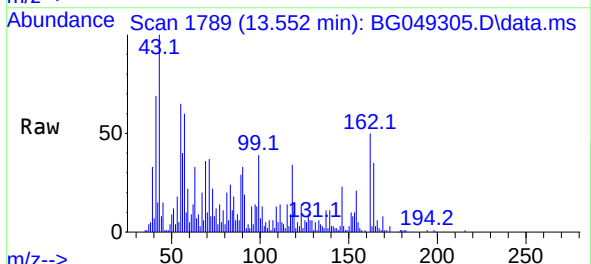
Tgt Ion:196 Resp: 70229
Ion Ratio Lower Upper
196 100
198 99.0 83.8 125.8
200 29.0 28.8 43.2

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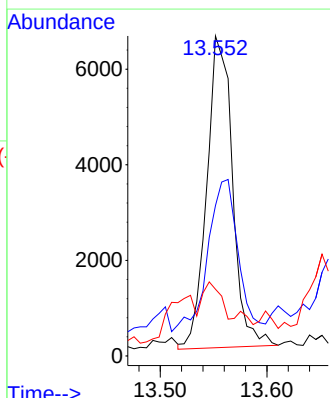
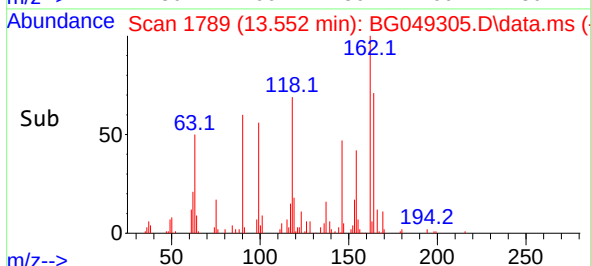
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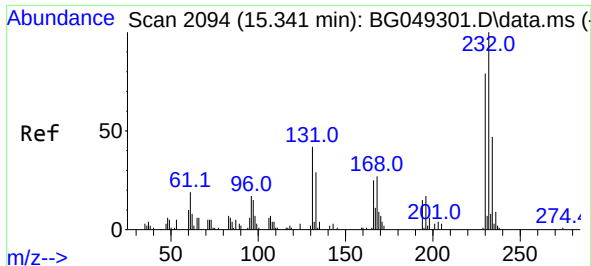


#43
1,1'-Biphenyl
Concen: 2.020 ng/ul
RT: 13.552 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BG049305.D
Acq: 12 Jul 2021 18:28

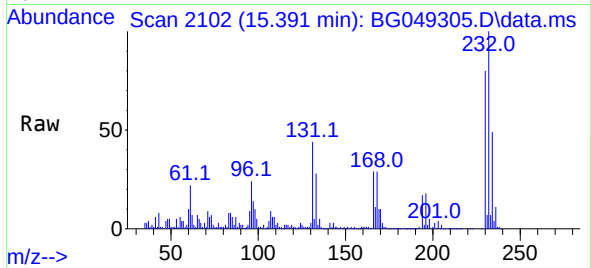


Tgt Ion:154 Resp: 10927
Ion Ratio Lower Upper
154 100
153 47.0 33.5 50.3
76 20.9 8.6 12.8#

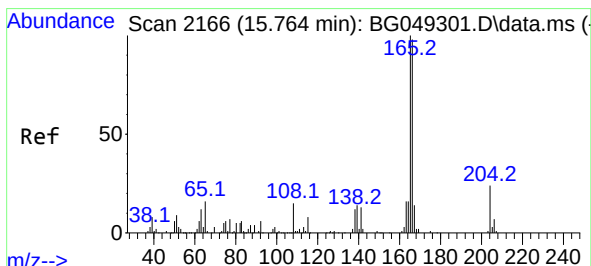
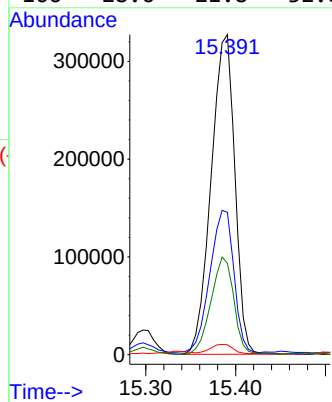
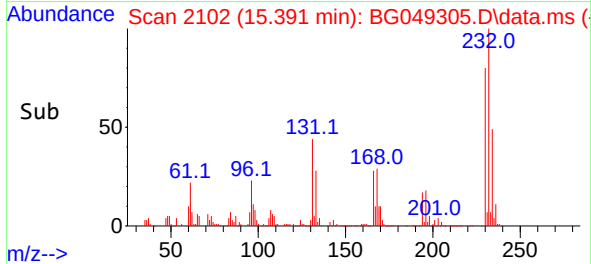




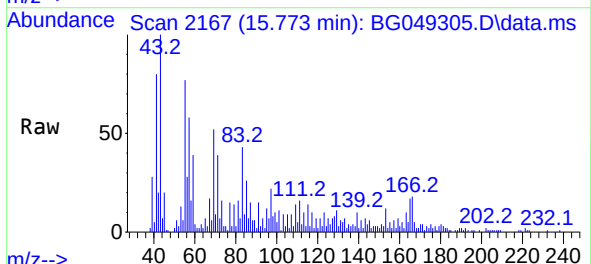
#58
2,3,4,6-Tetrachlorophenol
Concen: 369.519 ng/ul
RT: 15.391 min Scan# 2102
Delta R.T. 0.047 min
Lab File: BG049305.D
Acq: 12 Jul 2021 18:28



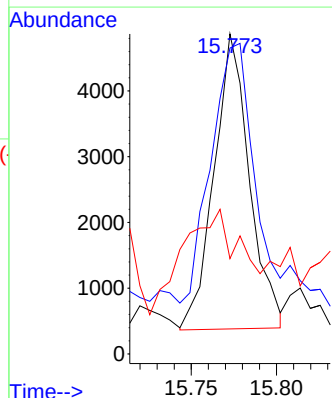
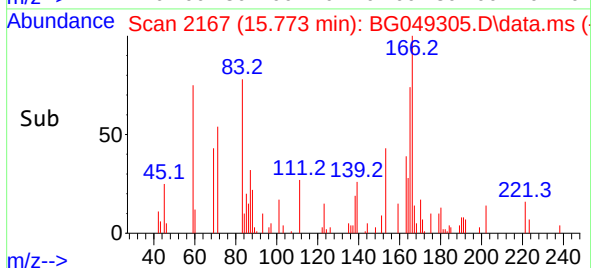
Tgt Ion:232 Resp: 599415
Ion Ratio Lower Upper
232 100
131 44.5 30.6 45.8
130 3.1 2.3 3.5
166 28.6 21.8 32.8



#61
Fluorene
Concen: 1.155 ng/ul
RT: 15.773 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BG049305.D
Acq: 12 Jul 2021 18:28



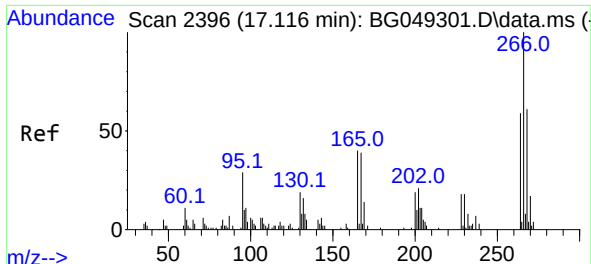
Tgt Ion:166 Resp: 6463
Ion Ratio Lower Upper
166 100
165 95.6 73.5 110.3
167 29.8 9.6 14.4#



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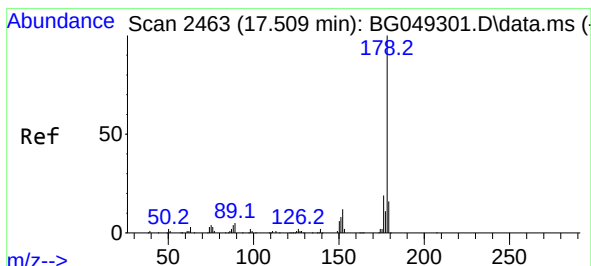
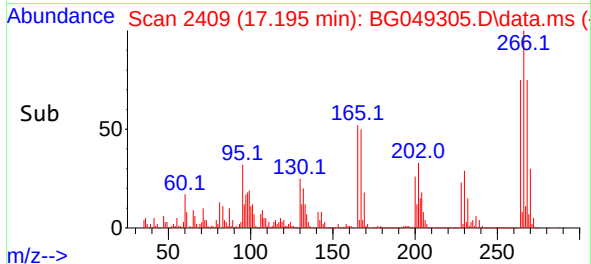
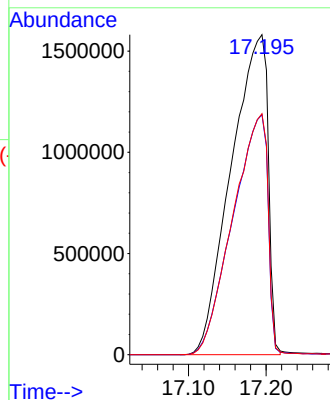
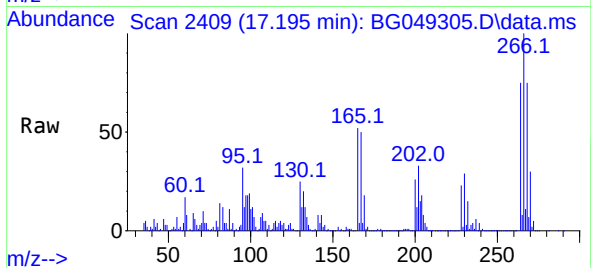
#71
 Pentachlorophenol
 Concen: 4110.715 ng/u1
 RT: 17.195 min Scan# 2409
 Delta R.T. 0.076 min
 Lab File: BG049305.D
 Acq: 12 Jul 2021 18:28

Tgt Ion:266 Resp: 5204500
 Ion Ratio Lower Upper
 266 100
 264 75.0 50.1 75.1
 268 75.3 49.5 74.3#

Instrument :
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 ClientSampled :
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Manual Integrations
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 7/13/2021 4:40:13 PM



#72
 Phenanthrene
 Concen: 1.095 ng/u1
 RT: 17.524 min Scan# 2465
 Delta R.T. 0.012 min
 Lab File: BG049305.D
 Acq: 12 Jul 2021 18:28

Tgt Ion:178 Resp: 8967
 Ion Ratio Lower Upper
 178 100
 179 37.1 11.7 17.5#
 176 44.9 15.6 23.4#

