

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG063004.D
 Acq On : 23 Sep 2024 22:27
 Operator : RC/JU
 Sample : P3879-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC78

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/26/2024

Quant Time: Sep 23 23:51:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 18 00:45:18 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	20758	20.000	ng/u1	0.00
20) Naphthalene-d8	10.644	136	88897	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.486	164	82700	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.248	188	159285	20.000	ng/u1	# 0.01
79) Chrysene-d12	21.490	240	184591	20.000	ng/u1	# 0.00
88) Perylene-d12	24.533	264	286341	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	2593m	3.659	ng/uL	0.00
4) Pyridine-d5	3.740	84	8748	4.547	ng/u1	0.00
7) Phenol-d5	7.065	99	19762	9.175	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	7.189	67	24742	20.526	ng/u1	0.00
11) 2-Chlorophenol-d4	7.406	132	33365	23.593	ng/u1	0.02
15) 4-Methylphenol-d8	8.581	113	40077	25.399	ng/u1	0.02
21) Nitrobenzene-d5	9.010	128	22279	31.458	ng/u1	0.00
24) 2-Nitrophenol-d4	9.727	143	26559	33.056	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.285	165	68317	40.982	ng/u1	0.02
31) 4-Chloroaniline-d4	10.761	131	4289	2.067	ng/u1	-0.02
46) Dimethylphthalate-d6	13.899	166	222018	36.101	ng/u1	0.00
49) Acenaphthylene-d8	14.181	160	151208	22.014	ng/u1	0.00
54) 4-Nitrophenol-d4	14.698	143	9184m	9.319	ng/u1	0.00
60) Fluorene-d10	15.485	176	195735	34.182	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.608	200	79595m	82.664	ng/u1	0.00
73) Anthracene-d10	17.348	188	226037	30.026	ng/u1	0.01
81) Pyrene-d10	19.633	212	294867	26.374	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.328	264	462553	30.630	ng/u1	0.02
Target Compounds						
					Qvalue	
23) Isophorone	9.574	82	75071	17.929	ng/u1#	92
30) Naphthalene	10.697	128	98216	19.898	ng/u1#	97
36) 2-Methylnaphthalene	12.306	142	61117	17.182	ng/u1	98
37) 1-Methylnaphthalene	12.530	142	46833	13.010	ng/u1	87
41) 2,4,6-Trichlorophenol	12.923	196	13896	7.609	ng/u1	92
42) 2,4,5-Trichlorophenol	13.011	196	9123m	4.755	ng/u1	
43) 1,1'-Biphenyl	13.323	154	6258	1.019	ng/u1#	85
58) 2,3,4,6-Tetrachlorophenol	15.132	232	1087291m	629.726	ng/u1	
61) Fluorene	15.538	166	8922	1.497	ng/u1#	91
71) Pentachlorophenol	16.954	266	5339750	4579.957	ng/u1#	83
72) Phenanthrene	17.283	178	13614	1.609	ng/u1#	96

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

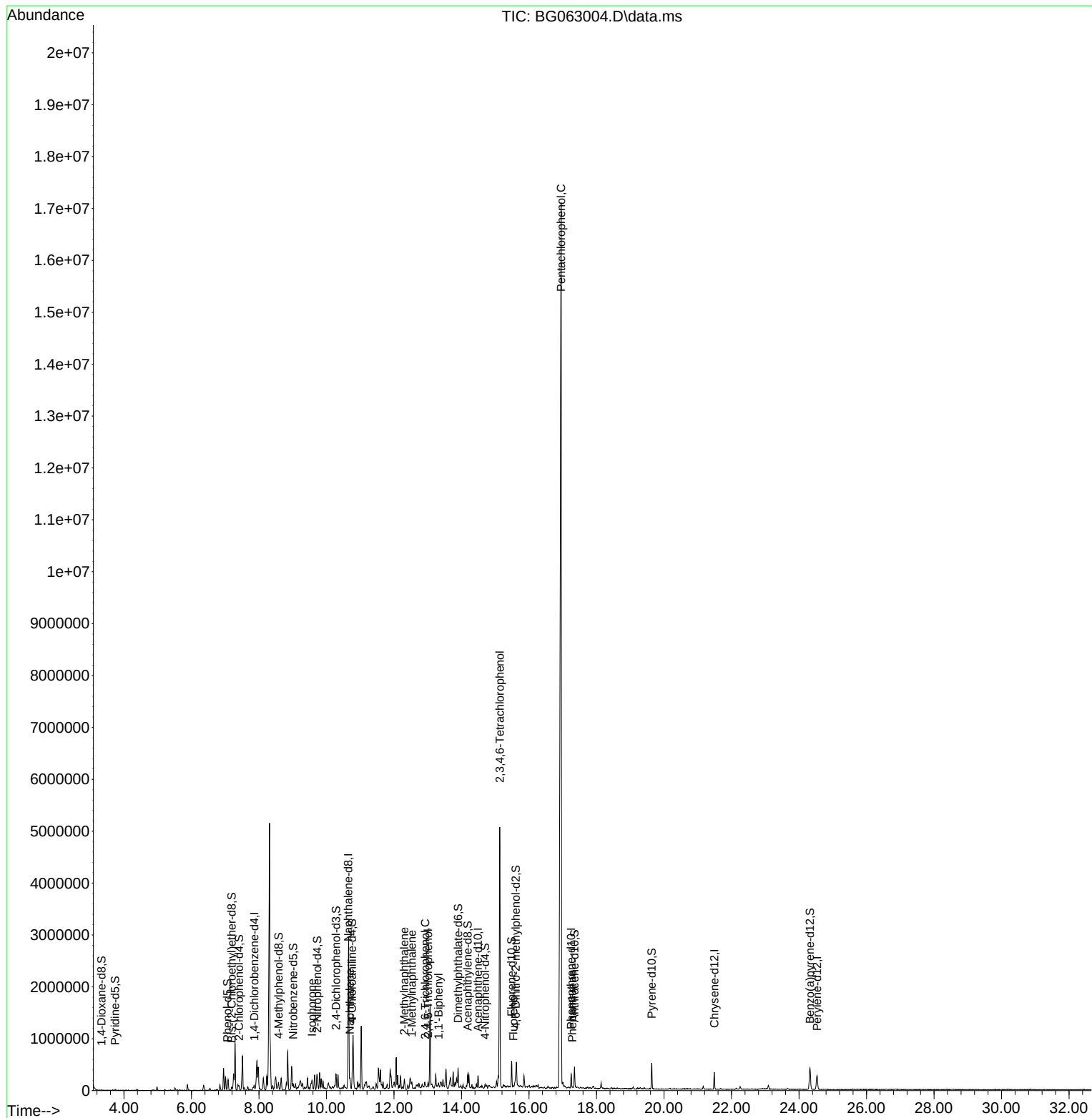
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063004.D
Acq On : 23 Sep 2024 22:27
Operator : RC/JU
Sample : P3879-08
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ALS Vial : 9 Sample Multiplier: 1

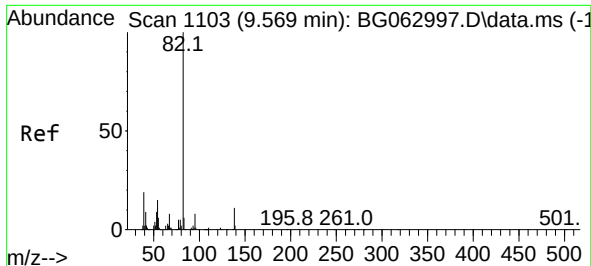
Instrument :
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ClientSampleId :
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Quant Time: Sep 23 23:51:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
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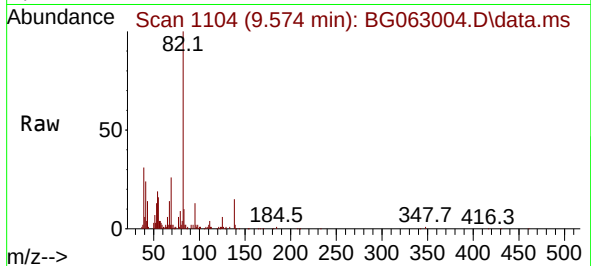
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024





#23
Isophorone
Concen: 17.929 ng/u1
RT: 9.574 min Scan# 1104
Delta R.T. 0.005 min
Lab File: BG063004.D
Acq: 23 Sep 2024 22:27

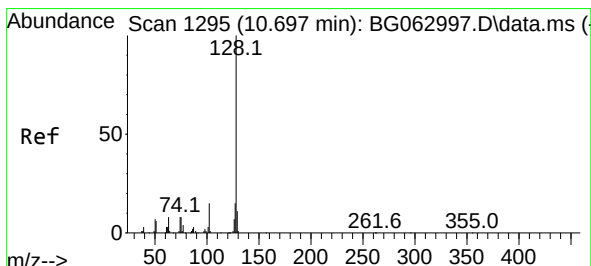
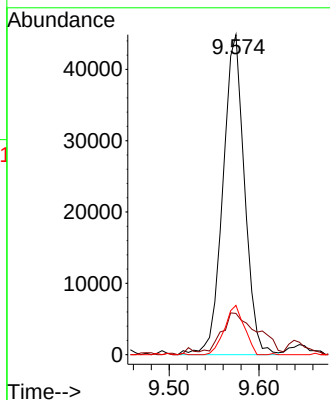
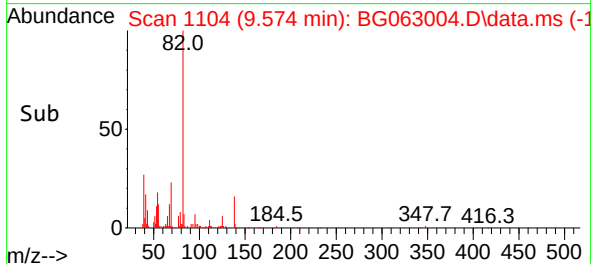
Instrument :
BNA_G
ClientSampleId :
DDC78



Tgt Ion: 82 Resp: 7507
Ion Ratio Lower Upper
82 100
95 12.9 6.2 9.4
138 15.4 10.9 16.3

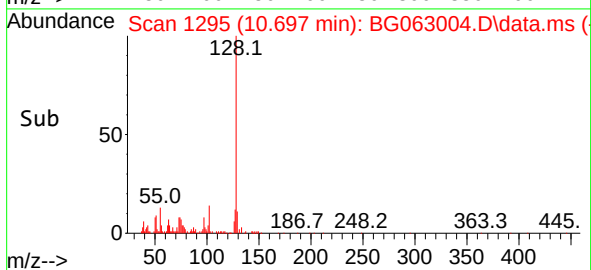
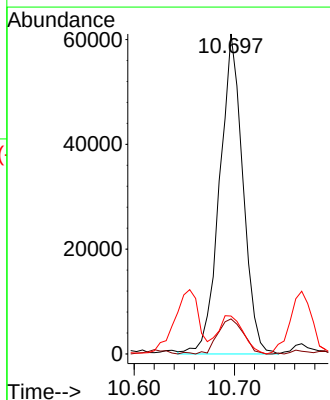
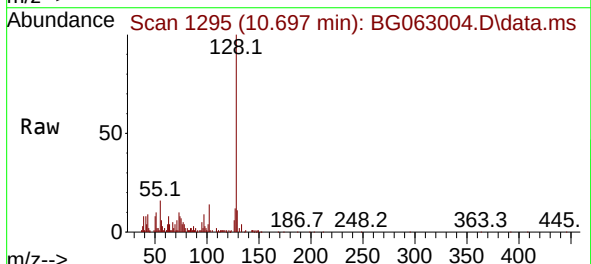
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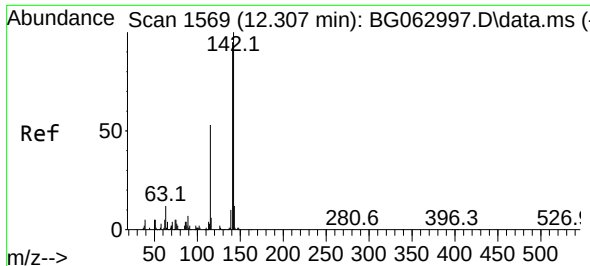
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



#30
Naphthalene
Concen: 19.898 ng/u1
RT: 10.697 min Scan# 1295
Delta R.T. -0.001 min
Lab File: BG063004.D
Acq: 23 Sep 2024 22:27

Tgt Ion:128 Resp: 98216
Ion Ratio Lower Upper
128 100
129 11.0 7.1 10.7#
127 11.8 9.4 14.2





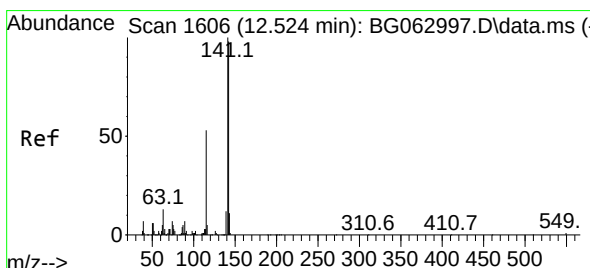
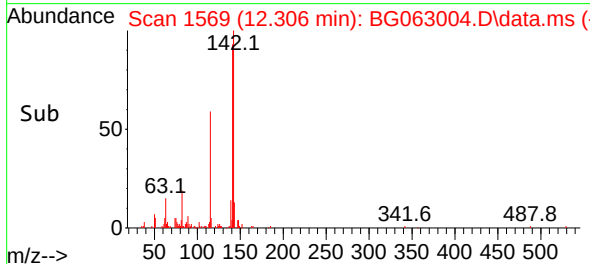
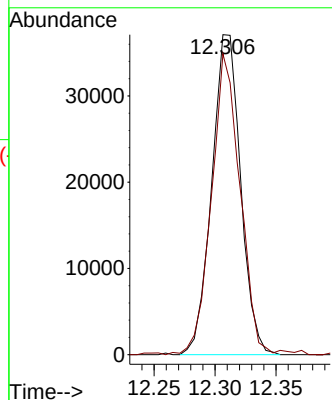
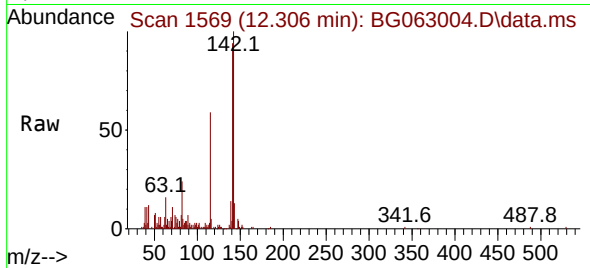
#36
2-Methylnaphthalene
Concen: 17.182 ng/ul
RT: 12.306 min Scan# 1111
Delta R.T. -0.001 min
Lab File: BG063004.D
Acq: 23 Sep 2024 22:27

Instrument :
BNA_G
ClientSampleId :
DDC78

Tgt Ion:142 Resp: 6111
Ion Ratio Lower Upper
142 100
141 94.0 76.5 114.7

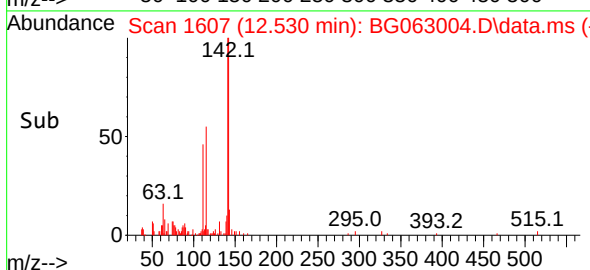
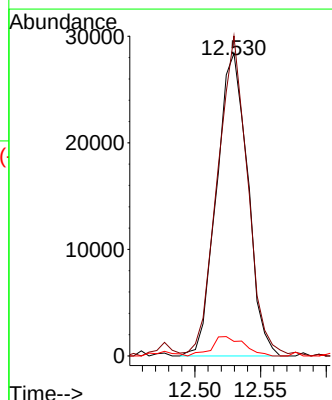
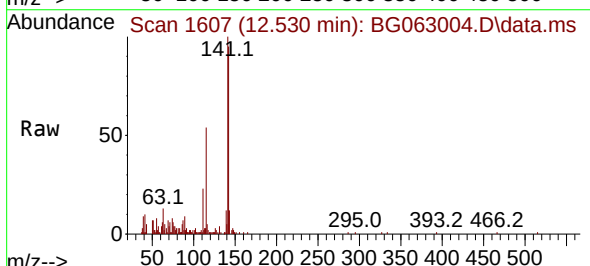
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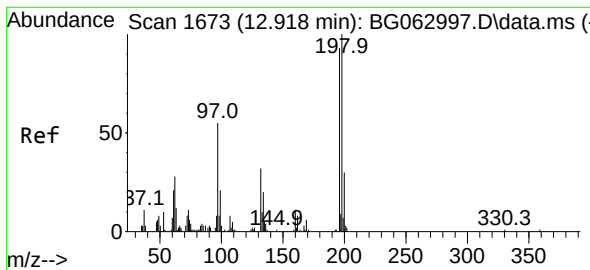
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



#37
1-Methylnaphthalene
Concen: 13.010 ng/ul
RT: 12.530 min Scan# 1607
Delta R.T. 0.005 min
Lab File: BG063004.D
Acq: 23 Sep 2024 22:27

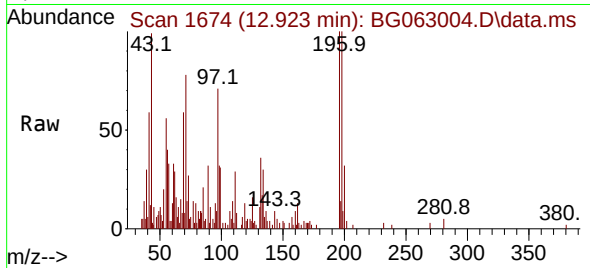
Tgt Ion:142 Resp: 46833
Ion Ratio Lower Upper
142 100
141 105.7 74.1 111.1
116 4.8 3.6 5.4





#41
2,4,6-Trichlorophenol
Concen: 7.609 ng/ul
RT: 12.923 min Scan# 1673
Delta R.T. 0.005 min
Lab File: BG063004.D
Acq: 23 Sep 2024 22:27

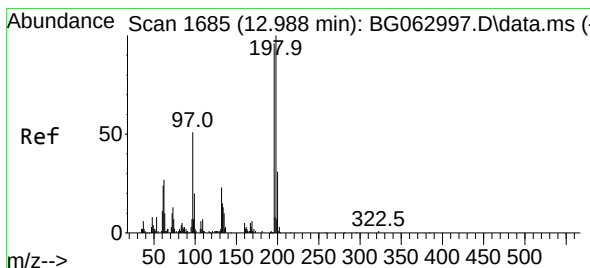
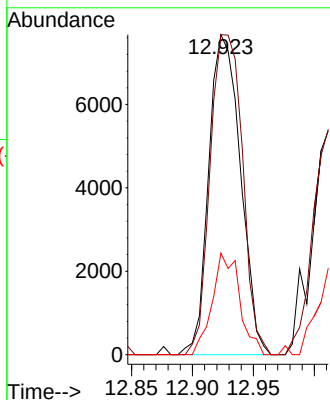
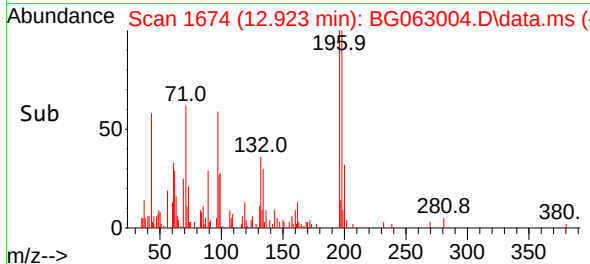
Instrument :
BNA_G
ClientSampleId :
DDC78



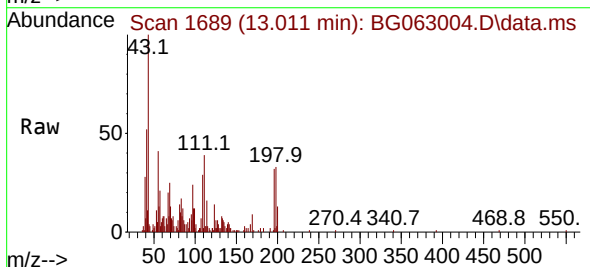
Tgt Ion:196 Resp: 1389
Ion Ratio Lower Upper
196 100
198 109.0 81.8 122.6
200 31.7 30.5 45.7

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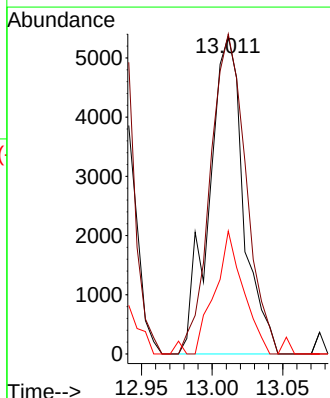
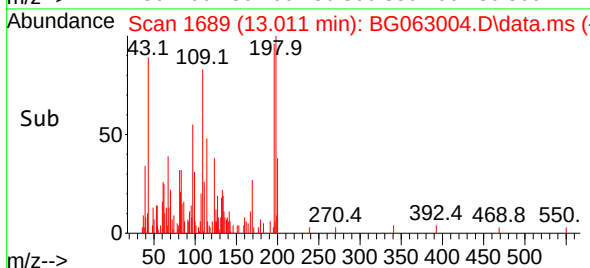
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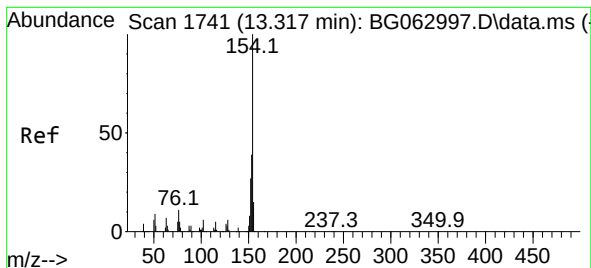


#42
2,4,5-Trichlorophenol
Concen: 4.755 ng/ul m
RT: 13.011 min Scan# 1689
Delta R.T. 0.017 min
Lab File: BG063004.D
Acq: 23 Sep 2024 22:27



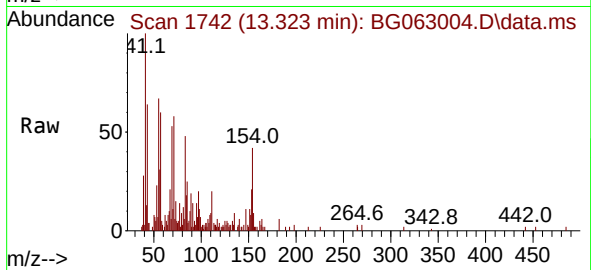
Tgt Ion:196 Resp: 9123
Ion Ratio Lower Upper
196 100
198 100.7 75.5 113.3
200 38.7 25.5 38.3#





#43
1,1'-Biphenyl
Concen: 1.019 ng/ul
RT: 13.323 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG063004.D
Acq: 23 Sep 2024 22:27

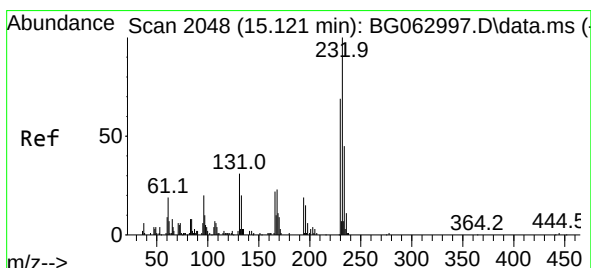
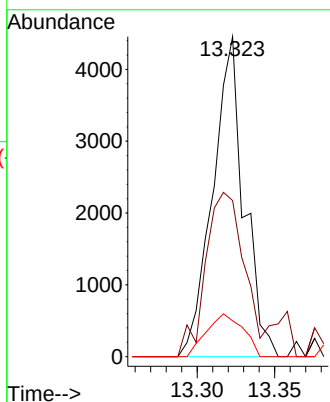
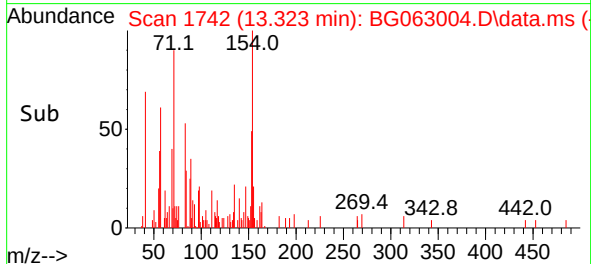
Instrument :
BNA_G
ClientSampleId :
DDC78



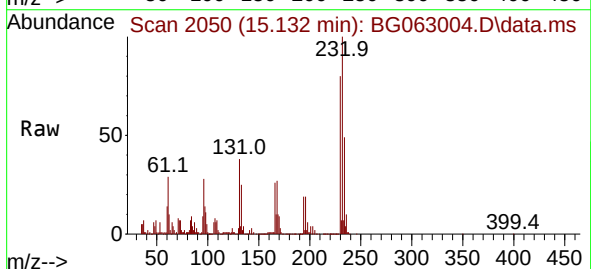
Tgt Ion:154 Resp: 6258
Ion Ratio Lower Upper
154 100
153 48.8 30.3 45.5
76 11.2 11.9 17.9

Manual Integrations
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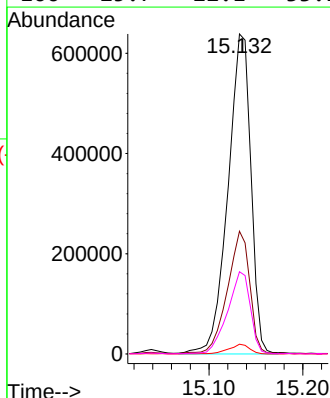
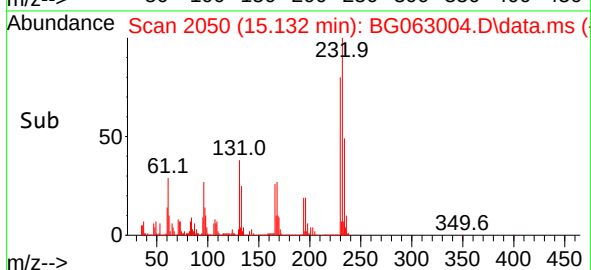
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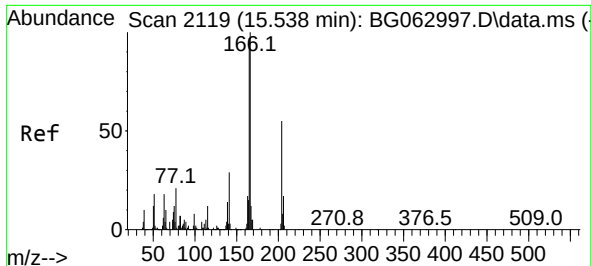


#58
2,3,4,6-Tetrachlorophenol
Concen: 629.726 ng/ul m
RT: 15.132 min Scan# 2050
Delta R.T. 0.017 min
Lab File: BG063004.D
Acq: 23 Sep 2024 22:27



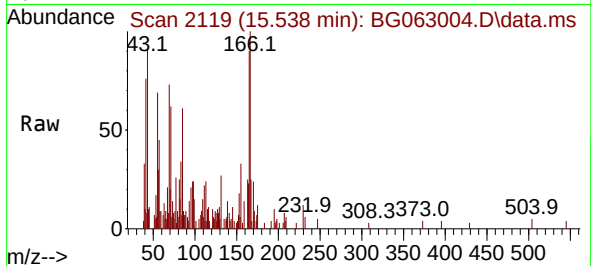
Tgt Ion:232 Resp: 1087291
Ion Ratio Lower Upper
232 100
131 38.4 31.9 47.9
130 3.0 1.9 2.9
166 25.7 22.1 33.1





#61
Fluorene
Concen: 1.497 ng/ul
RT: 15.538 min Scan# 2119
Delta R.T. -0.001 min
Lab File: BG063004.D
Acq: 23 Sep 2024 22:27

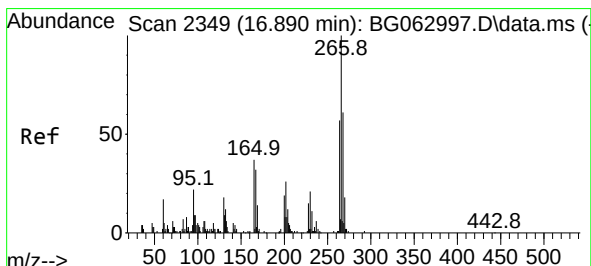
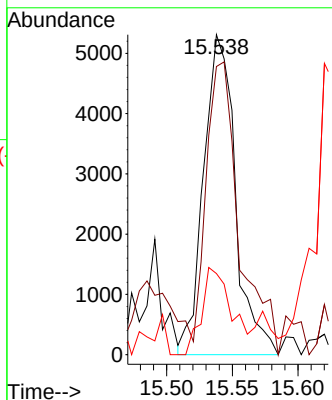
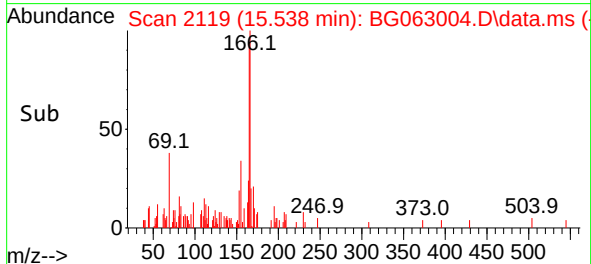
Instrument :
BNA_G
ClientSampleId :
DDC78



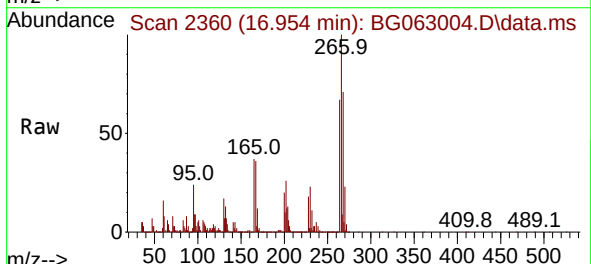
Tgt Ion:166 Resp: 892
Ion Ratio Lower Upper
166 100
165 90.0 77.2 115.8
167 25.3 10.8 16.2

Manual Integrations
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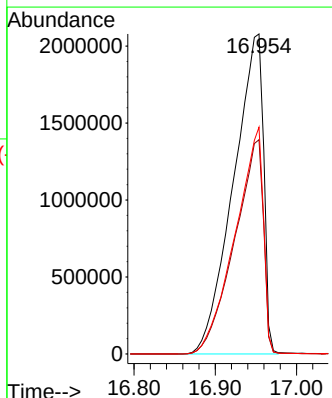
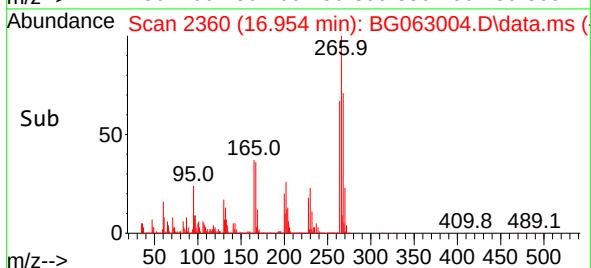
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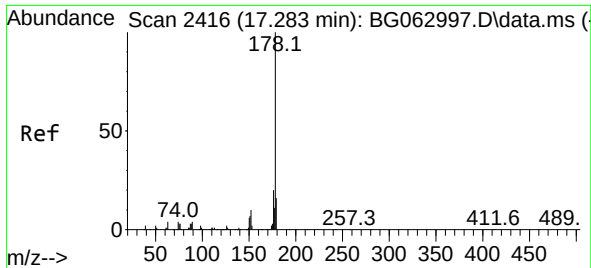


#71
Pentachlorophenol
Concen: 4579.957 ng/ul
RT: 16.954 min Scan# 2360
Delta R.T. 0.064 min
Lab File: BG063004.D
Acq: 23 Sep 2024 22:27



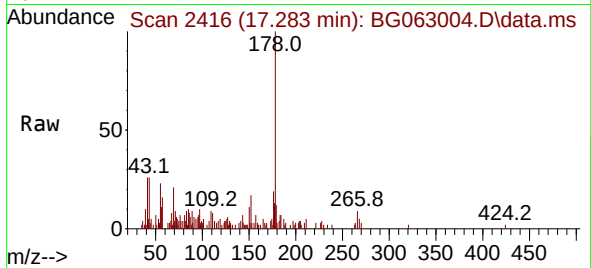
Tgt Ion:266 Resp: 5339750
Ion Ratio Lower Upper
266 100
264 66.9 43.0 64.4#
268 70.8 47.2 70.8#





#72
 Phenanthrene
 Concen: 1.609 ng/ul
 RT: 17.283 min Scan# 2416
 Delta R.T. 0.005 min
 Lab File: BG063004.D
 Acq: 23 Sep 2024 22:27

Instrument :
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Tgt Ion:	178	Resp:	13614
Ion Ratio	Lower	Upper	
178	100		
179	11.9	12.3	18.5
176	19.4	15.5	23.3

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