

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062861.D
 Acq On : 16 Sep 2024 1:23
 Operator : JU/RC
 Sample : P3899-13
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDCJ4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/16/2024
 Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 16 02:24:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 01:28:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.902	152	44926	20.000	ng/u1	0.00
20) Naphthalene-d8	10.692	136	159862	20.000	ng/u1 #	0.00
38) Acenaphthene-d10	14.529	164	147773	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.285	188	370696m	20.000	ng/u1	0.00
79) Chrysene-d12	21.521	240	407628m	20.000	ng/u1	0.00
88) Perylene-d12	24.582	264	466001	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	2707	2.724	ng/uL	0.00
4) Pyridine-d5	3.771	84	18501	5.848	ng/u1	0.00
7) Phenol-d5	7.073	99	65519	16.631	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.226	67	34981	14.811	ng/u1	0.00
11) 2-Chlorophenol-d4	7.437	132	48530	16.912	ng/u1	0.00
15) 4-Methylphenol-d8	8.612	113	56759	17.289	ng/u1	0.00
21) Nitrobenzene-d5	9.053	128	27918	24.435	ng/u1	0.00
24) 2-Nitrophenol-d4	9.776	143	31243	25.003	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	63048	23.169	ng/u1	0.00
31) 4-Chloroaniline-d4	10.839	131	46347	12.390	ng/u1	0.00
46) Dimethylphthalate-d6	13.936	166	212735	18.695	ng/u1	0.00
49) Acenaphthylene-d8	14.224	160	243728	19.285	ng/u1	0.00
54) 4-Nitrophenol-d4	14.741	143	34150	17.666	ng/u1	0.00
60) Fluorene-d10	15.522	176	198144	19.323	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	50758m	23.804	ng/u1	0.00
73) Anthracene-d10	17.379	188	346412m	19.801	ng/u1	0.00
81) Pyrene-d10	19.664	212	446625m	19.471	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.370	264	498995	20.279	ng/u1	0.00
Target Compounds						
23) Isophorone	9.617	82	31119	4.924	ng/u1#	83
30) Naphthalene	10.745	128	43987	5.132	ng/u1	98
36) 2-Methylnaphthalene	12.355	142	90757	14.346	ng/u1	95
37) 1-Methylnaphthalene	12.573	142	61468	9.486	ng/u1#	100
42) 2,4,5-Trichlorophenol	13.043	196	4953	1.499	ng/u1	98
43) 1,1'-Biphenyl	13.360	154	13416	1.291	ng/u1	94
58) 2,3,4,6-Tetrachlorophenol	15.164	232	341307	101.939	ng/u1#	95
71) Pentachlorophenol	16.967	266	3967072	1361.789	ng/u1	90
72) Phenanthrene	17.326	178	68373m	3.547	ng/u1	

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

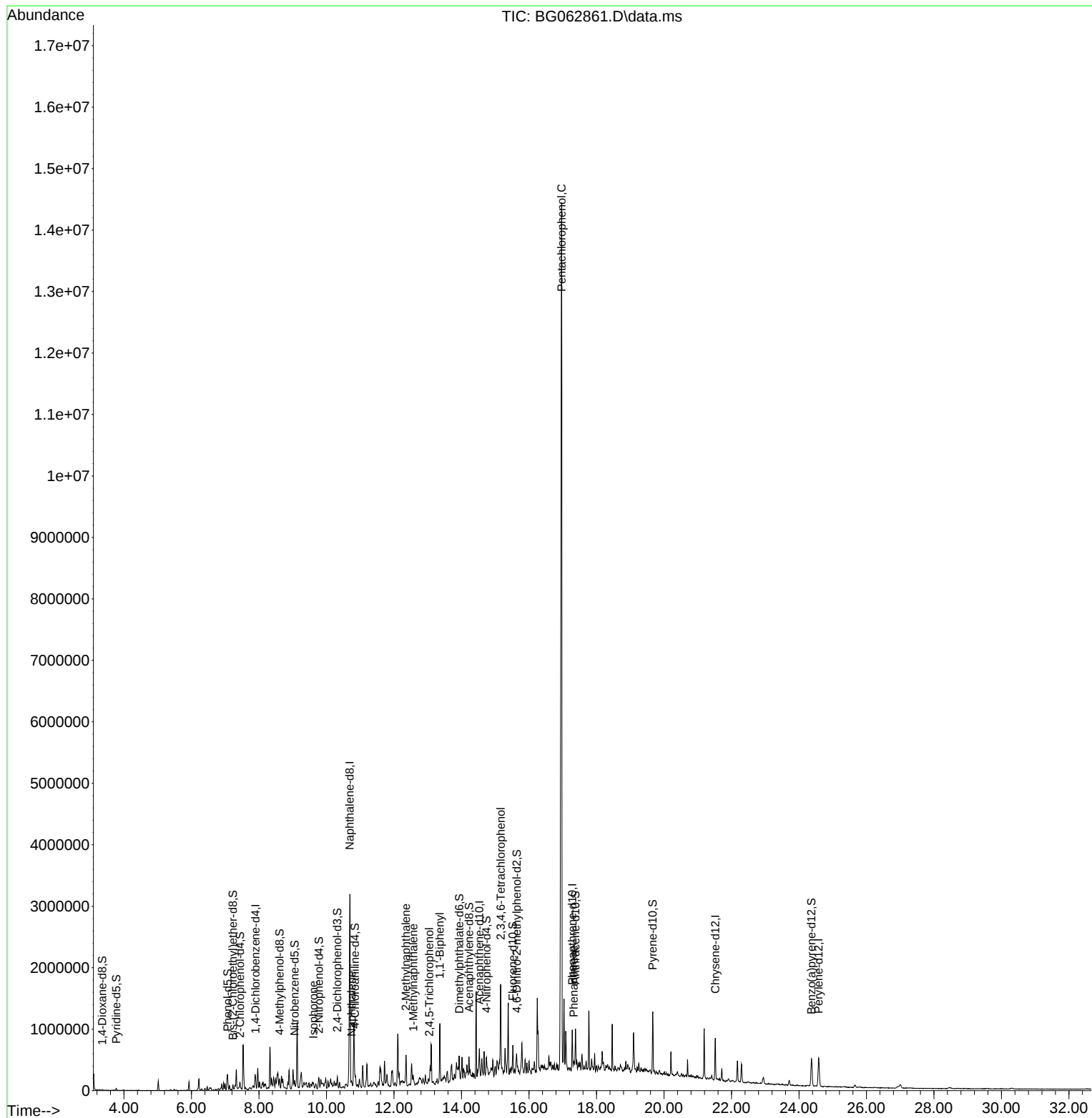
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062861.D
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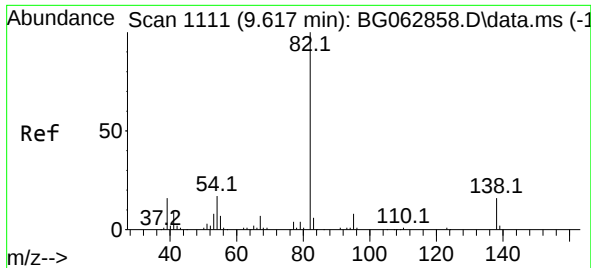
Instrument :
BNA_G
ClientSampleId :
DDCJ4

Quant Time: Sep 16 02:24:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
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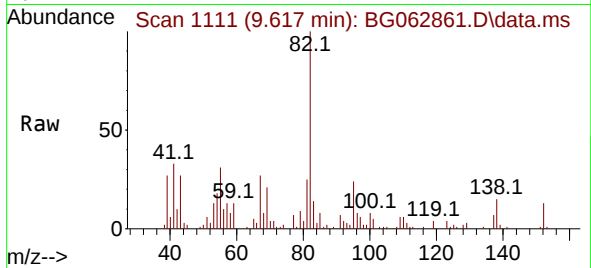
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024





#23
Isophorone
Concen: 4.924 ng/u1
RT: 9.617 min Scan# 1111
Delta R.T. -0.004 min
Lab File: BG062861.D
Acq: 16 Sep 2024 1:23

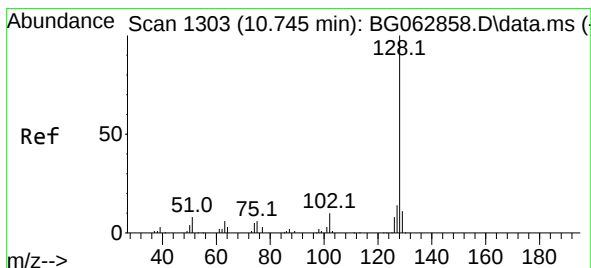
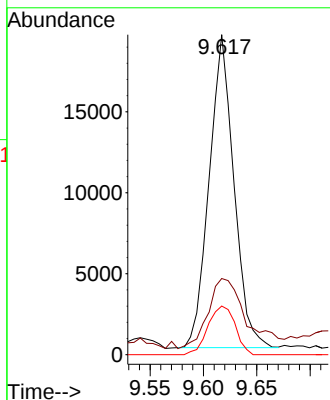
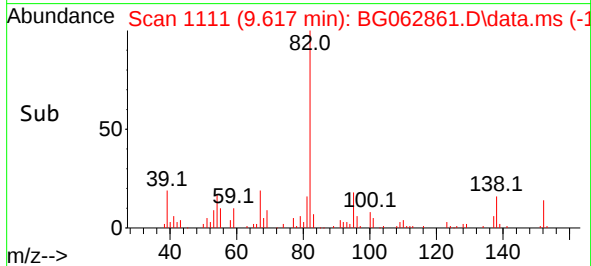
Instrument :
BNA_G
ClientSampleId :
DDCJ4



Tgt Ion: 82 Resp: 31119
Ion Ratio Lower Upper
82 100
95 23.8 5.8 8.8
138 15.2 13.0 19.6

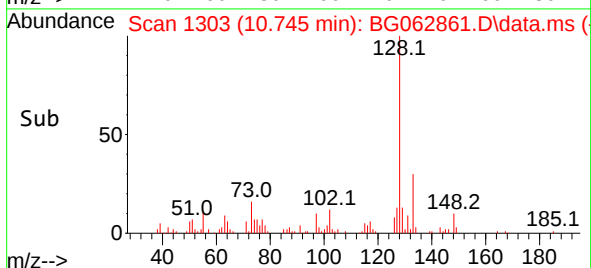
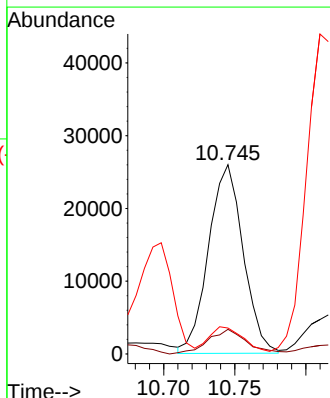
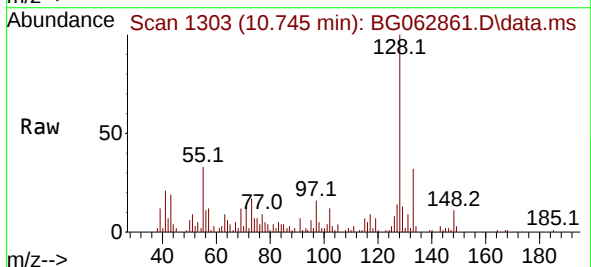
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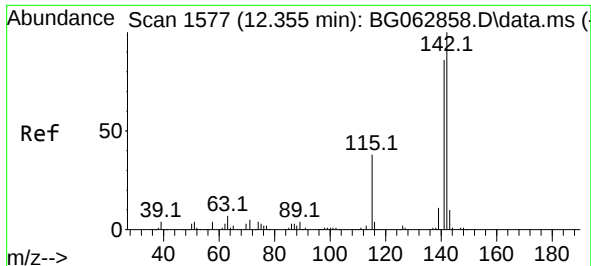
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#30
Naphthalene
Concen: 5.132 ng/u1
RT: 10.745 min Scan# 1303
Delta R.T. -0.004 min
Lab File: BG062861.D
Acq: 16 Sep 2024 1:23

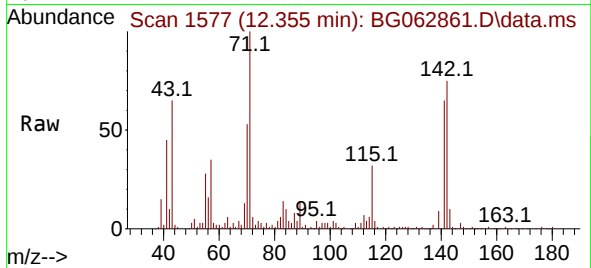
Tgt Ion:128 Resp: 43987
Ion Ratio Lower Upper
128 100
129 13.0 9.0 13.6
127 13.7 10.7 16.1





#36
2-Methylnaphthalene
Concen: 14.346 ng/ul
RT: 12.355 min Scan# 1577
Delta R.T. -0.004 min
Lab File: BG062861.D
Acq: 16 Sep 2024 1:23

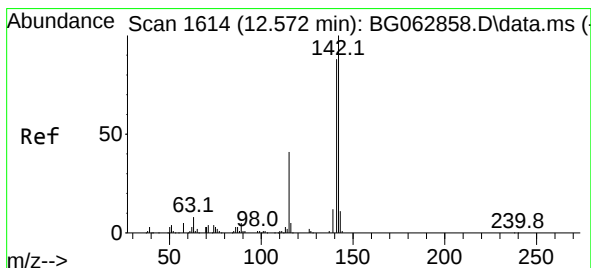
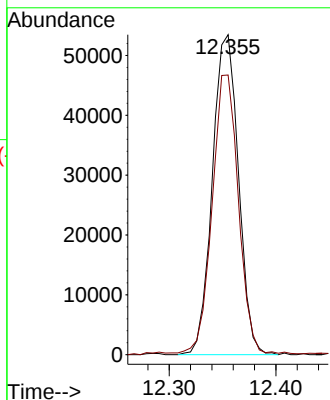
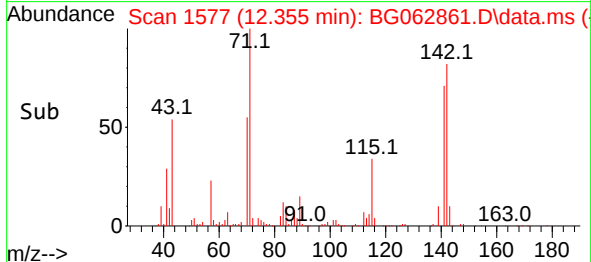
Instrument :
BNA_G
ClientSampleId :
DDCJ4



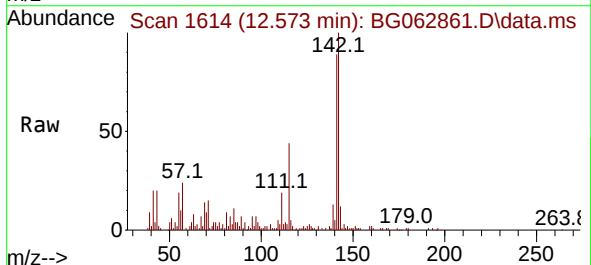
Tgt Ion:142 Resp: 9075
Ion Ratio Lower Upper
142 100
141 87.4 73.4 110.2

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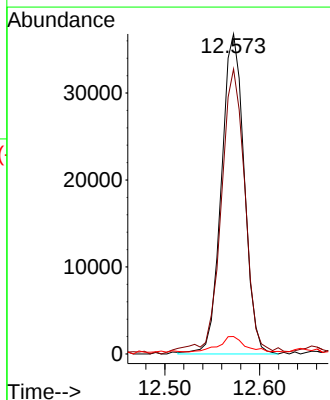
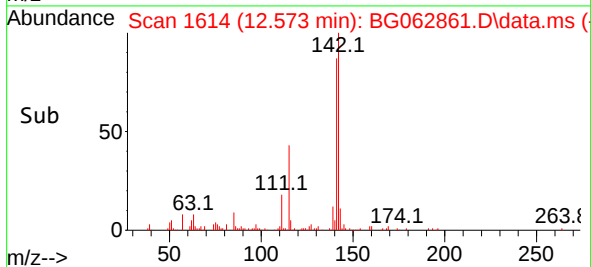
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

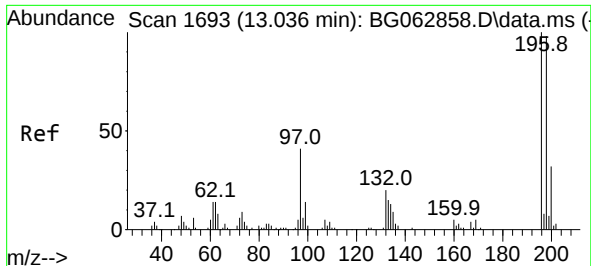


#37
1-Methylnaphthalene
Concen: 9.486 ng/ul
RT: 12.573 min Scan# 1614
Delta R.T. -0.004 min
Lab File: BG062861.D
Acq: 16 Sep 2024 1:23



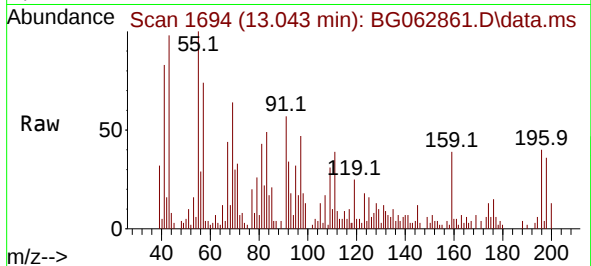
Tgt Ion:142 Resp: 61468
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7
116 5.5 3.0 4.6#





#42
2,4,5-Trichlorophenol
Concen: 1.499 ng/ul
RT: 13.043 min Scan# 1693
Delta R.T. 0.002 min
Lab File: BG062861.D
Acq: 16 Sep 2024 1:23

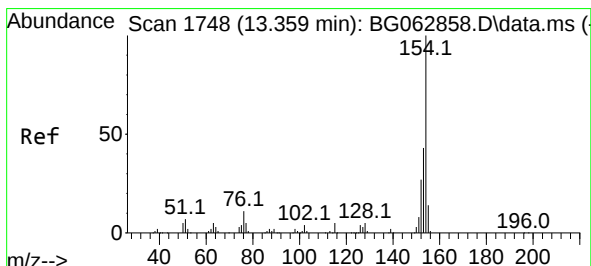
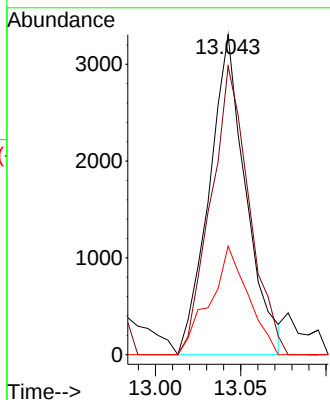
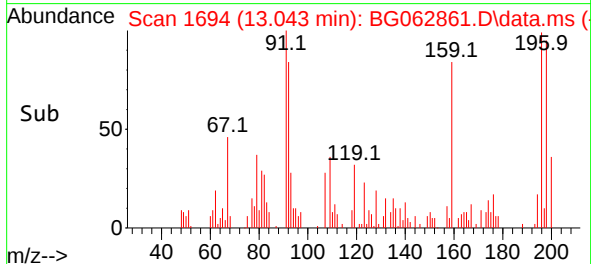
Instrument :
BNA_G
ClientSampleId :
DDCJ4



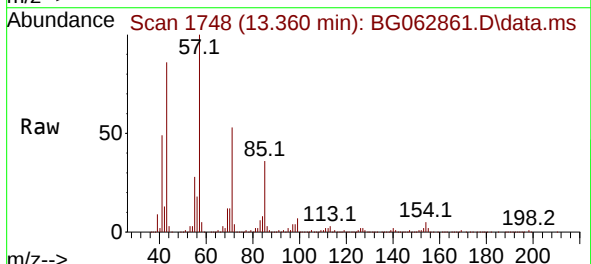
Tgt Ion:196 Resp: 495
Ion Ratio Lower Upper
196 100
198 90.1 71.2 106.8
200 33.9 24.6 37.0

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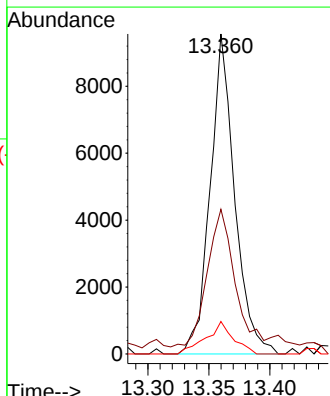
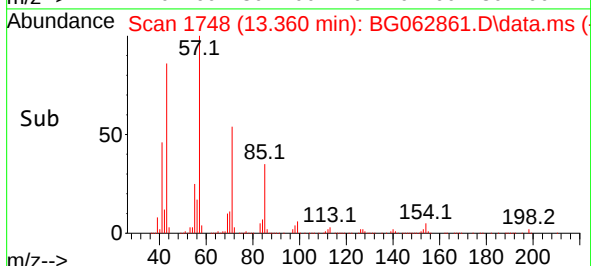
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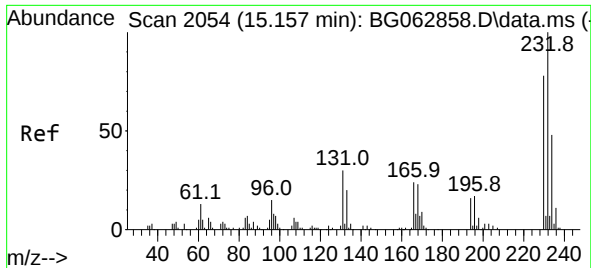


#43
1,1'-Biphenyl
Concen: 1.291 ng/ul
RT: 13.360 min Scan# 1748
Delta R.T. -0.004 min
Lab File: BG062861.D
Acq: 16 Sep 2024 1:23



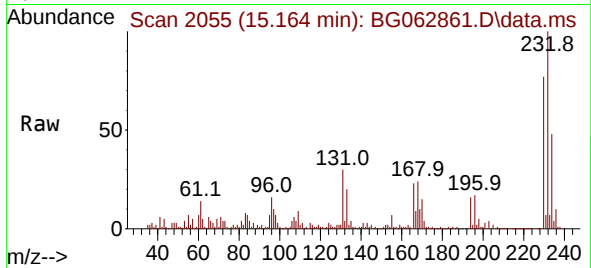
Tgt Ion:154 Resp: 13416
Ion Ratio Lower Upper
154 100
153 45.2 33.4 50.0
76 10.2 10.1 15.1





#58
2,3,4,6-Tetrachlorophenol
Concen: 101.939 ng/ul
RT: 15.164 min Scan# 2054
Delta R.T. 0.008 min
Lab File: BG062861.D
Acq: 16 Sep 2024 1:23

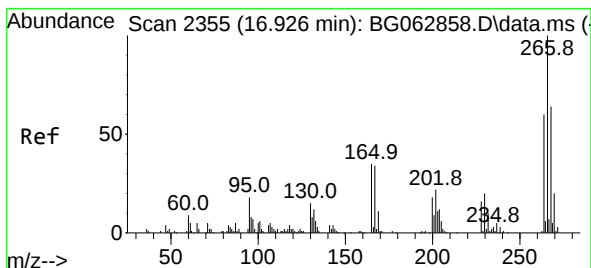
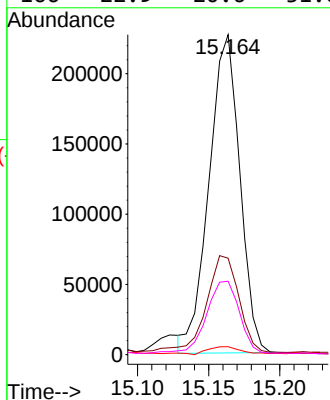
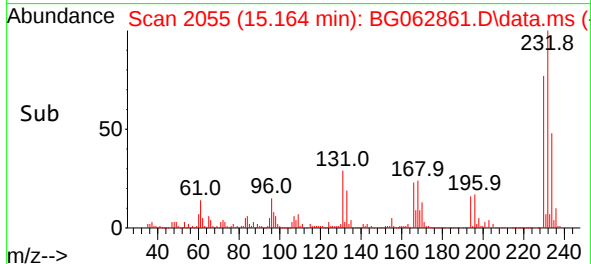
Instrument :
BNA_G
ClientSampleId :
DDCJ4



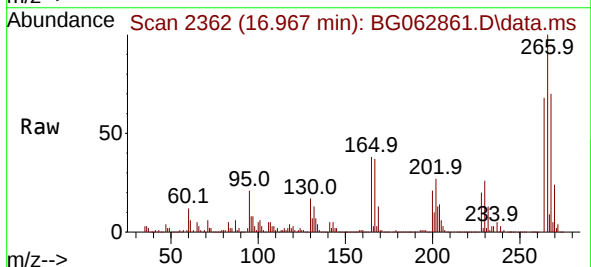
Tgt Ion:232 Resp: 341301
Ion Ratio Lower Upper
232 100
131 30.1 26.6 40.0
130 2.5 1.6 2.4
166 22.9 20.6 31.0

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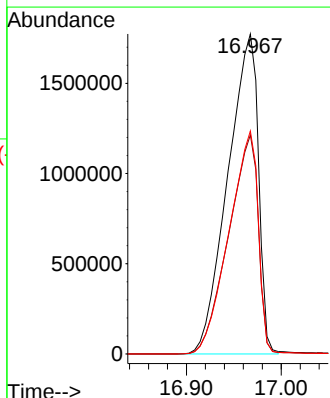
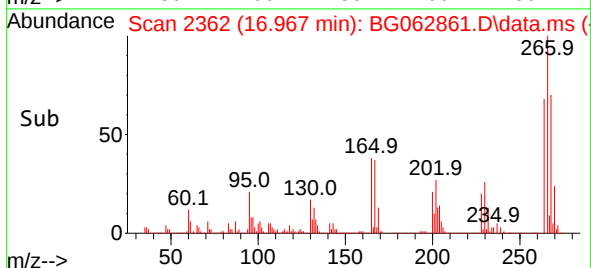
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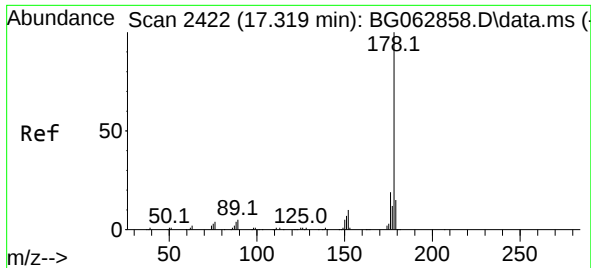


#71
Pentachlorophenol
Concen: 1361.789 ng/ul
RT: 16.967 min Scan# 2362
Delta R.T. 0.037 min
Lab File: BG062861.D
Acq: 16 Sep 2024 1:23



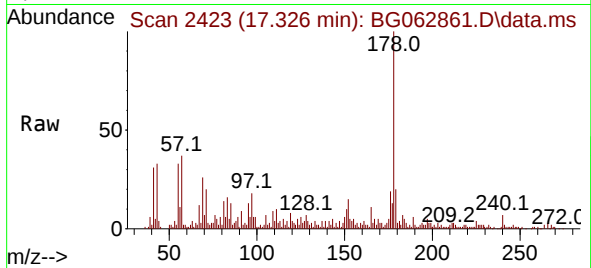
Tgt Ion:266 Resp: 3967072
Ion Ratio Lower Upper
266 100
264 68.4 48.6 72.8
268 69.7 49.5 74.3





#72
 Phenanthrene
 Concen: 3.547 ng/ul m
 RT: 17.326 min Scan# 2423
 Delta R.T. 0.002 min
 Lab File: BG062861.D
 Acq: 16 Sep 2024 1:23

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:178 Resp: 6837
 Ion Ratio Lower Upper
 178 100
 179 20.2 12.1 18.1
 176 19.5 14.9 22.3

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