

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062856.D
 Acq On : 15 Sep 2024 21:29
 Operator : JU/RC
 Sample : P3899-04
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCVZ8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 15 23:54:55 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	7.900	152	51234	20.000	ng/u1	0.00
20) Naphthalene-d8	10.697	136	192328	20.000	ng/u1 #	0.00
38) Acenaphthene-d10	14.533	164	161593	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.289	188	400094	20.000	ng/u1	0.01
79) Chrysene-d12	21.525	240	437203	20.000	ng/u1	0.00
88) Perylene-d12	24.586	264	503003	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	3483	3.073	ng/uL	0.00
4) Pyridine-d5	3.781	84	6745	1.870	ng/u1	0.01
7) Phenol-d5	7.071	99	72194	16.070	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.230	67	45289	16.814	ng/u1	0.00
11) 2-Chlorophenol-d4	7.436	132	57118	17.454	ng/u1	0.00
15) 4-Methylphenol-d8	8.611	113	63868	17.060	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	31187	22.688	ng/u1	0.00
24) 2-Nitrophenol-d4	9.774	143	34917	23.226	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.321	165	70781	21.620	ng/u1	0.00
31) 4-Chloroaniline-d4	10.832	131	67585	15.018	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	228932	18.397	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	267158	19.331	ng/u1	0.00
54) 4-Nitrophenol-d4	14.733	143	36105	17.080	ng/u1	0.00
60) Fluorene-d10	15.526	176	216316	19.291	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	42073	18.281	ng/u1	0.00
73) Anthracene-d10	17.383	188	369014	19.543	ng/u1	0.00
81) Pyrene-d10	19.668	212	467896	19.018	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.375	264	520881	19.611	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.744	128	86106	8.350	ng/u1	98
36) 2-Methylnaphthalene	12.354	142	247400	32.506	ng/u1	94
37) 1-Methylnaphthalene	12.571	142	144080	18.481	ng/u1#	98
43) 1,1'-Biphenyl	13.358	154	24337	2.142	ng/u1	97
52) Acenaphthene	14.592	153	18503m	1.790	ng/u1	
58) 2,3,4,6-Tetrachlorophenol	15.162	232	529062	144.502	ng/u1	97
61) Fluorene	15.579	166	30243	2.507	ng/u1#	77
71) Pentachlorophenol	16.978	266	5354669	1703.054	ng/u1	86
72) Phenanthrene	17.324	178	165208	7.940	ng/u1#	95

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

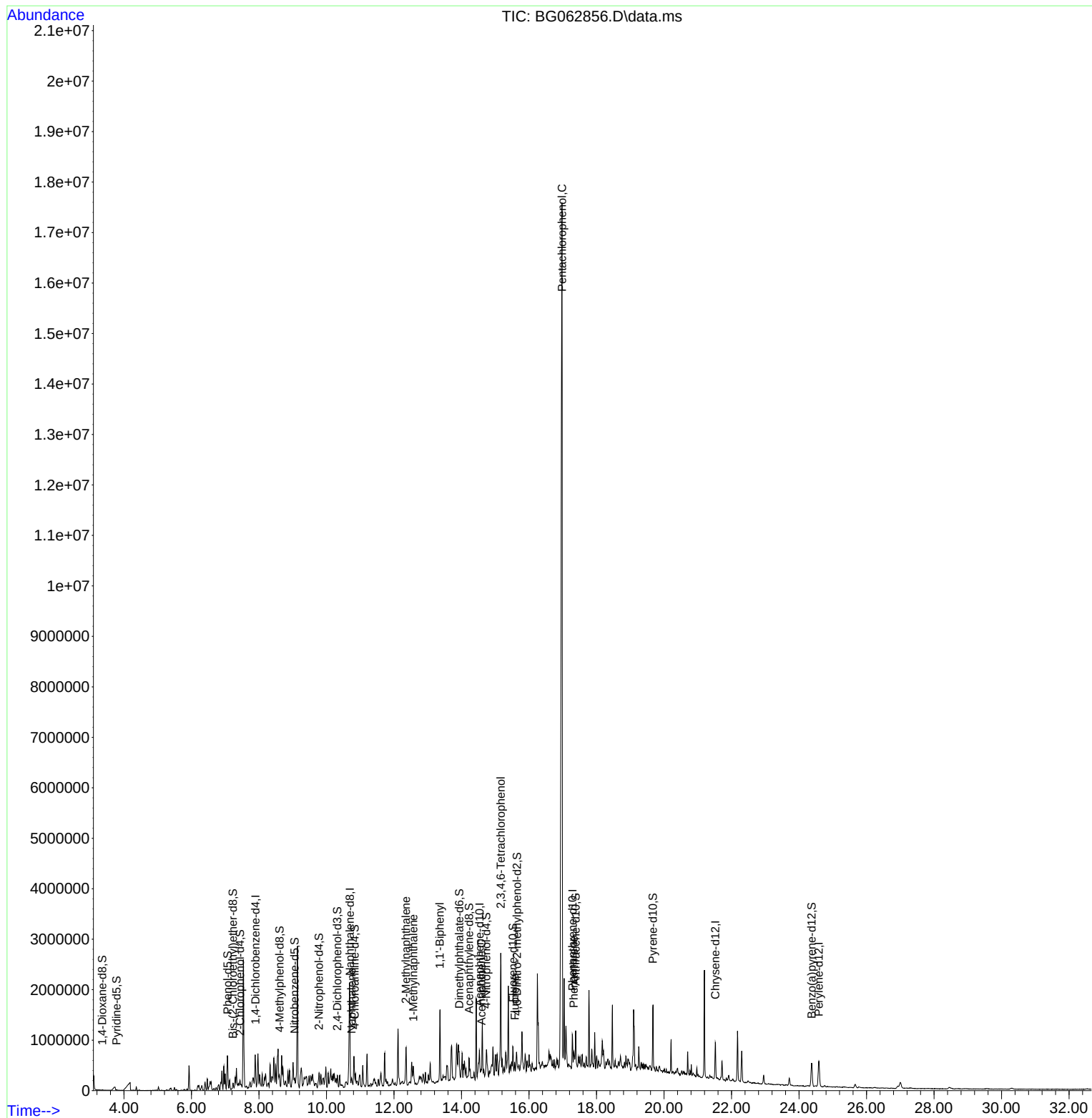
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062856.D
Acq On : 15 Sep 2024 21:29
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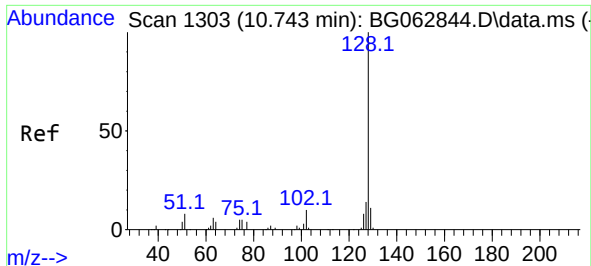
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Sep 15 23:54:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
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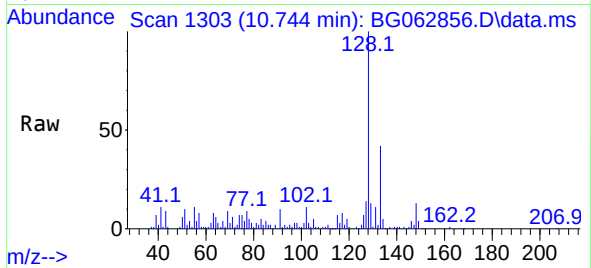
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024





#30
Naphthalene
Concen: 8.350 ng/ul
RT: 10.744 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG062856.D
Acq: 15 Sep 2024 21:29

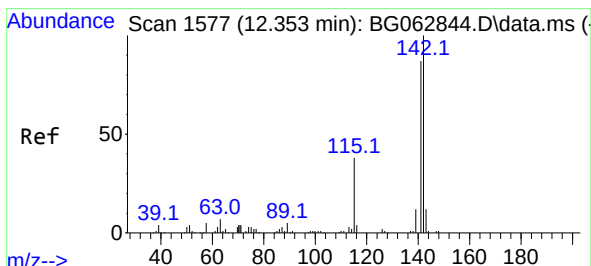
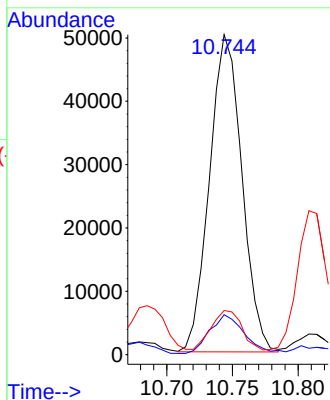
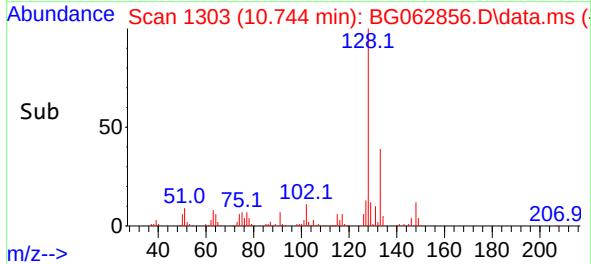
Instrument :
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ClientSampleId :
DCVZ8



Tgt Ion:128 Resp: 86100
Ion Ratio Lower Upper
128 100
129 12.5 9.0 13.6
127 13.8 10.7 16.1

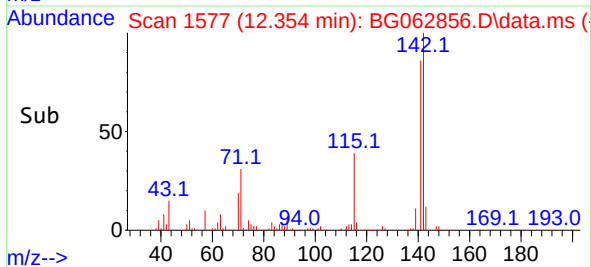
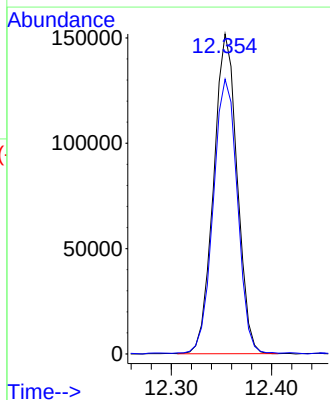
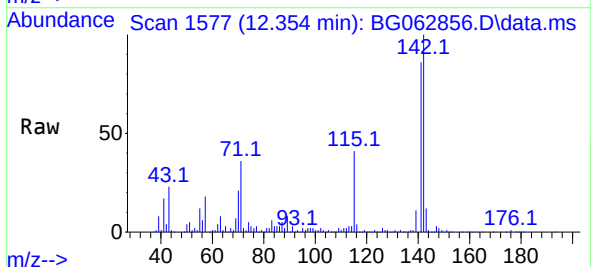
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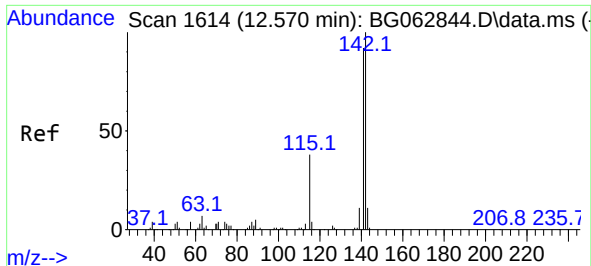
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#36
2-Methylnaphthalene
Concen: 32.506 ng/ul
RT: 12.354 min Scan# 1577
Delta R.T. -0.005 min
Lab File: BG062856.D
Acq: 15 Sep 2024 21:29

Tgt Ion:142 Resp: 247400
Ion Ratio Lower Upper
142 100
141 85.8 73.4 110.2





#37

1-Methylnaphthalene

Concen: 18.481 ng/ul

RT: 12.571 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG062856.D

Acq: 15 Sep 2024 21:29

Instrument :

BNA_G

ClientSampleId :

DCVZ8

Tgt Ion:142 Resp: 144080

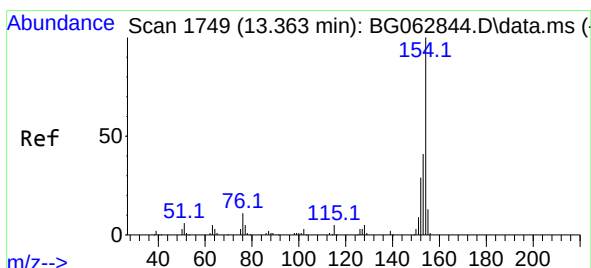
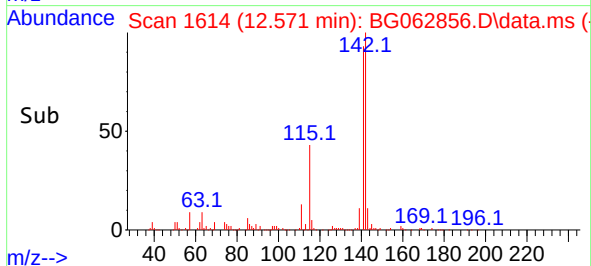
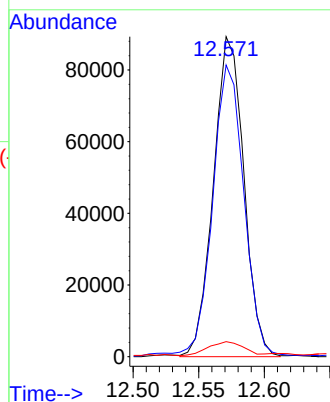
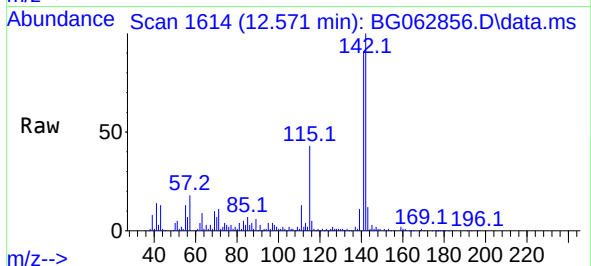
Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.1	106.7
116	4.7	3.0	4.6

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#43

1,1'-Biphenyl

Concen: 2.142 ng/ul

RT: 13.358 min Scan# 1748

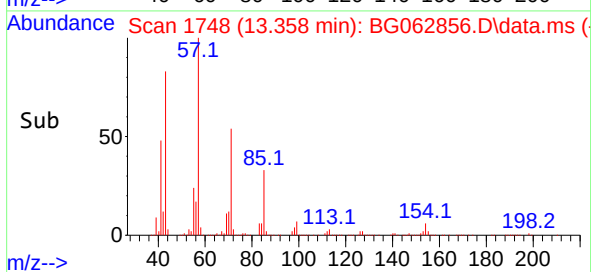
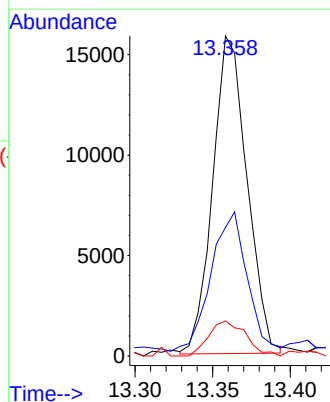
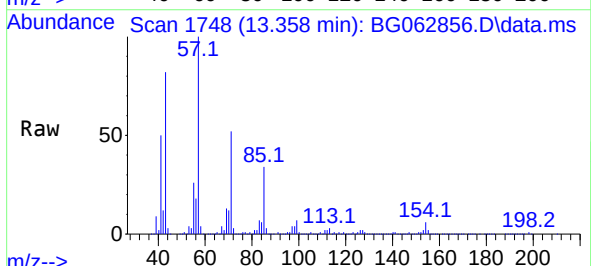
Delta R.T. -0.005 min

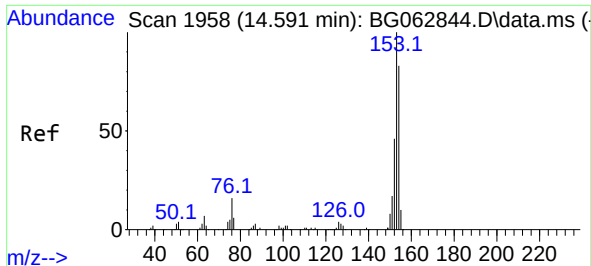
Lab File: BG062856.D

Acq: 15 Sep 2024 21:29

Tgt Ion:154 Resp: 24337

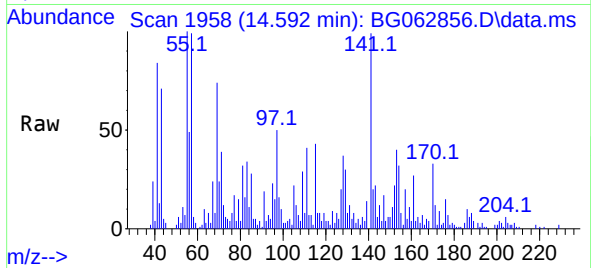
Ion	Ratio	Lower	Upper
154	100		
153	40.2	33.4	50.0
76	11.0	10.1	15.1





#52
Acenaphthene
Concen: 1.790 ng/ul m
RT: 14.592 min Scan# 1958
Delta R.T. -0.005 min
Lab File: BG062856.D
Acq: 15 Sep 2024 21:29

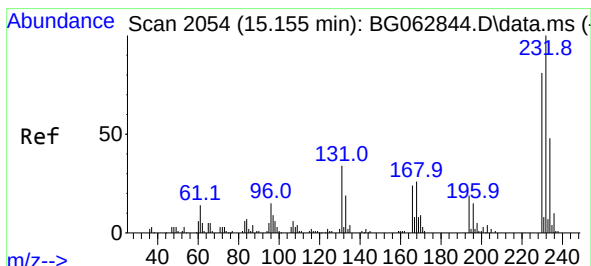
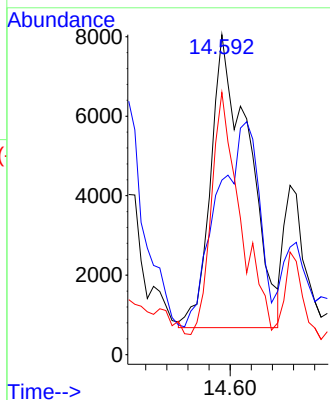
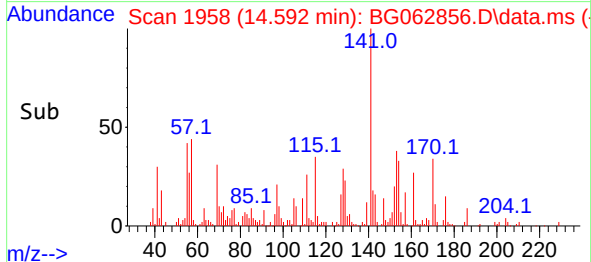
Instrument :
BNA_G
ClientSampleId :
DCVZ8



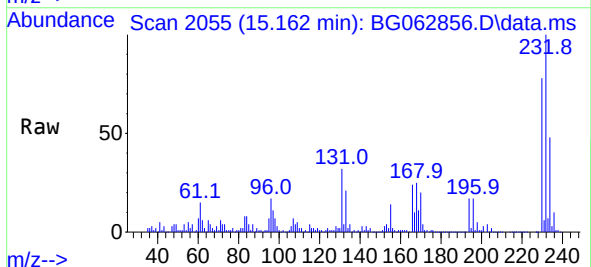
Tgt Ion:153 Resp: 1850
Ion Ratio Lower Upper
153 100
152 54.6 37.2 55.8
154 81.9 67.8 101.6

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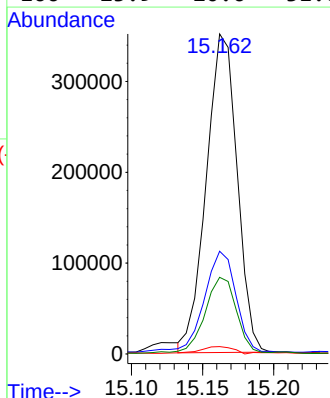
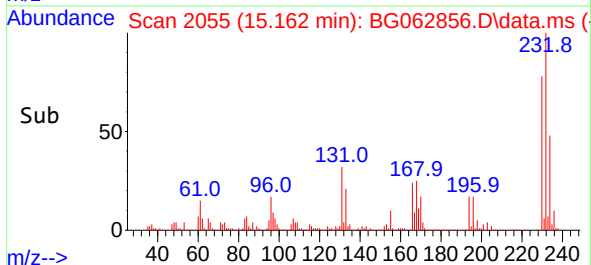
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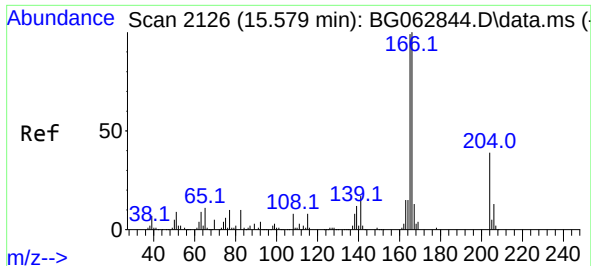


#58
2,3,4,6-Tetrachlorophenol
Concen: 144.502 ng/ul
RT: 15.162 min Scan# 2055
Delta R.T. 0.007 min
Lab File: BG062856.D
Acq: 15 Sep 2024 21:29



Tgt Ion:232 Resp: 529062
Ion Ratio Lower Upper
232 100
131 32.1 26.6 40.0
130 2.3 1.6 2.4
166 23.9 20.6 31.0





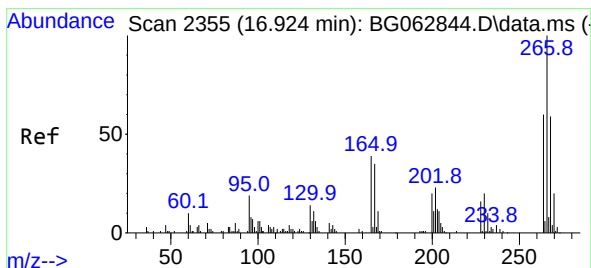
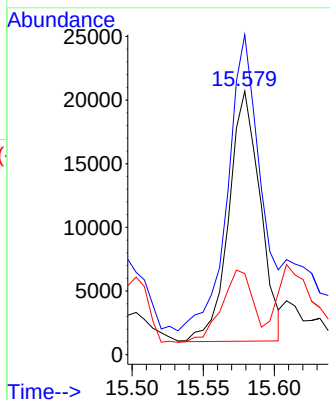
#61
Fluorene
Concen: 2.507 ng/ul
RT: 15.579 min Scan# 2126
Delta R.T. 0.001 min
Lab File: BG062856.D
Acq: 15 Sep 2024 21:29

Instrument :
BNA_G
ClientSampleId :
DCVZ8

Tgt Ion:166 Resp: 3024
Ion Ratio Lower Upper
166 100
165 121.4 80.9 121.3
167 30.8 10.9 16.3

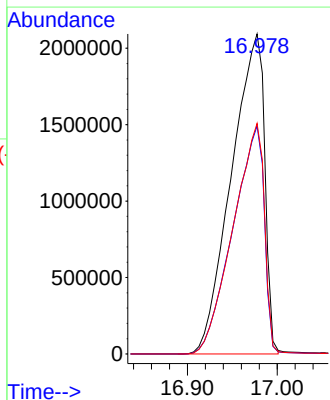
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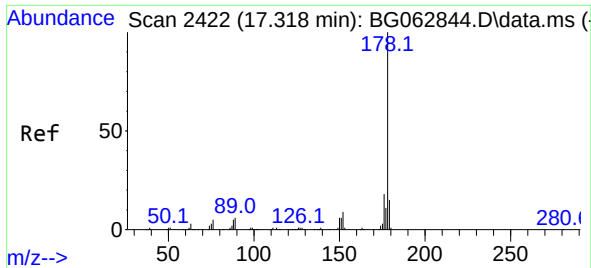
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#71
Pentachlorophenol
Concen: 1703.054 ng/ul
RT: 16.978 min Scan# 2364
Delta R.T. 0.048 min
Lab File: BG062856.D
Acq: 15 Sep 2024 21:29

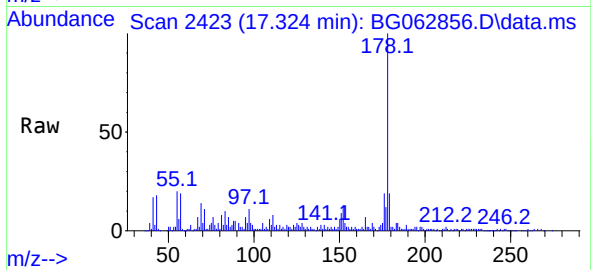
Tgt Ion:266 Resp: 5354669
Ion Ratio Lower Upper
266 100
264 71.3 48.6 72.8
268 72.0 49.5 74.3





#72
 Phenanthrene
 Concen: 7.940 ng/ul
 RT: 17.324 min Scan# 2423
 Delta R.T. 0.001 min
 Lab File: BG062856.D
 Acq: 15 Sep 2024 21:29

Instrument :
 BNA_G
 ClientSampleId :
 DCVZ8



Tgt Ion:178 Resp: 165208
 Ion Ratio Lower Upper
 178 100
 179 19.1 12.1 18.1
 176 18.8 14.9 22.3

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