

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062908.D
 Acq On : 18 Sep 2024 14:29
 Operator : JU/RC
 Sample : P3878-12ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCVZ0ME

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 18 15:25:37 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	48771	20.000	ng/u1	0.00
20) Naphthalene-d8	10.644	136	202953	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.486	164	154892	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.242	188	362413m	20.000	ng/u1	0.00
79) Chrysene-d12	21.490	240	366381	20.000	ng/u1	0.00
88) Perylene-d12	24.522	264	422676	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	3780m	2.270	ng/uL	0.00
4) Pyridine-d5	3.740	84	42809	9.470	ng/u1	0.00
7) Phenol-d5	7.025	99	74864	14.793	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.189	67	44301	15.643	ng/u1	0.00
11) 2-Chlorophenol-d4	7.395	132	47886	14.412	ng/u1	0.00
15) 4-Methylphenol-d8	8.558	113	58815	15.865	ng/u1	0.00
21) Nitrobenzene-d5	9.011	128	26324	16.281	ng/u1	0.00
24) 2-Nitrophenol-d4	9.727	143	30661	16.715	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.268	165	59472	15.627	ng/u1	0.00
31) 4-Chloroaniline-d4	10.779	131	75882	16.021	ng/u1	0.00
46) Dimethylphthalate-d6	13.893	166	206911	17.964	ng/u1	0.00
49) Acenaphthylene-d8	14.181	160	226448	17.602	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	25995	14.083	ng/u1	0.00
60) Fluorene-d10	15.485	176	198825	18.539	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.603	200	33482m	15.283	ng/u1	0.00
73) Anthracene-d10	17.336	188	313962	18.330	ng/u1	0.00
81) Pyrene-d10	19.633	212	403675	18.191	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.316	264	415205	18.626	ng/u1	0.00
Target Compounds						
					Qvalue	
36) 2-Methylnaphthalene	12.307	142	17310	2.132	ng/u1	85
37) 1-Methylnaphthalene	12.524	142	9959	1.212	ng/u1	82
58) 2,3,4,6-Tetrachlorophenol	15.115	232	50665	15.667	ng/u1#	97
71) Pentachlorophenol	16.895	266	547875m	206.535	ng/u1	

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

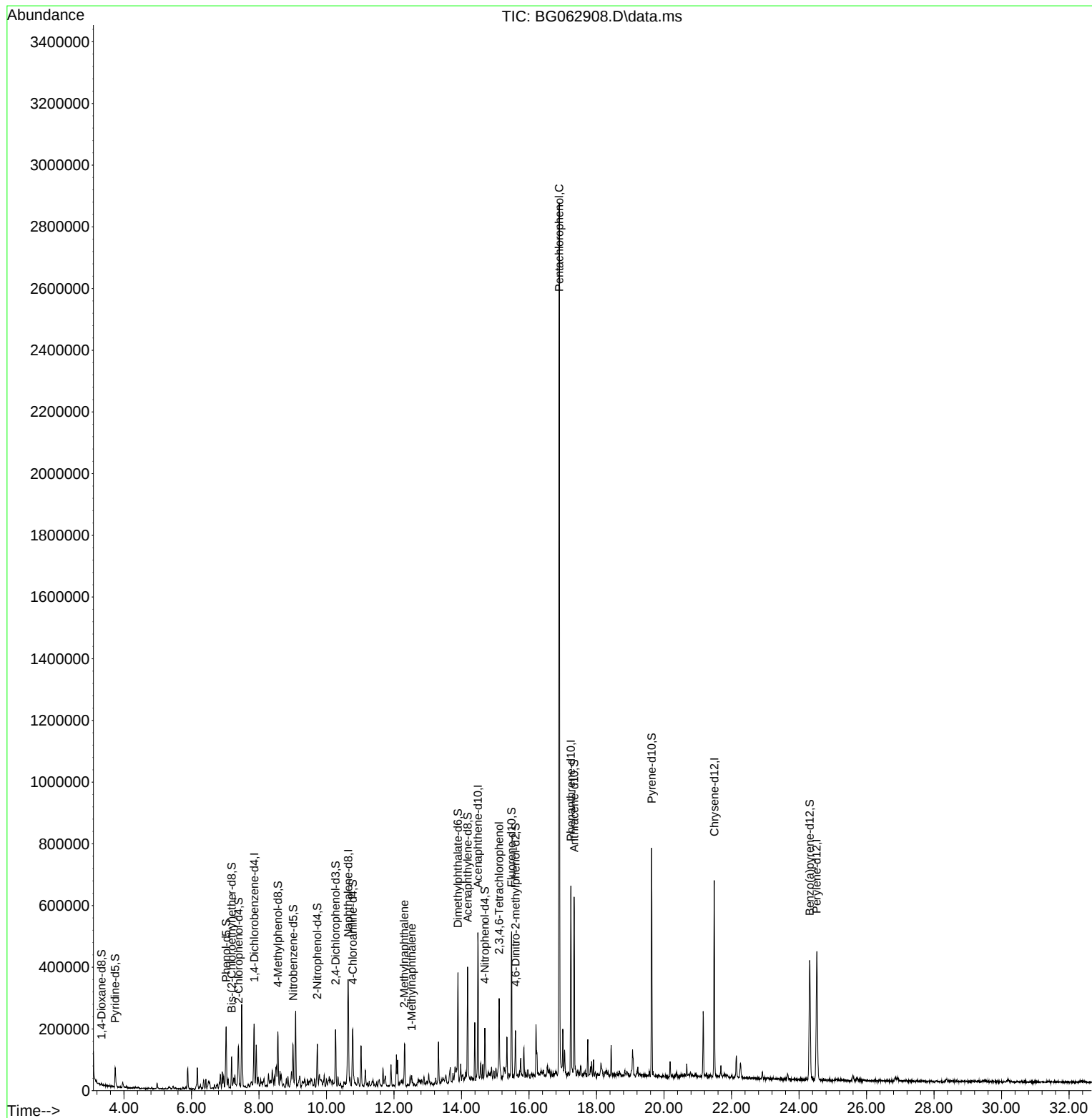
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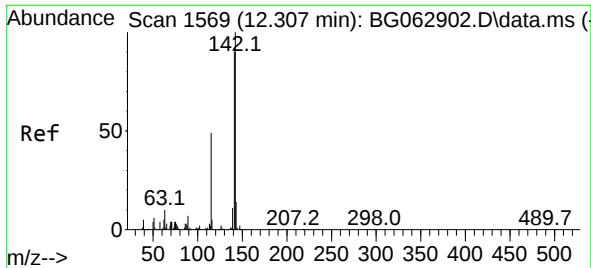
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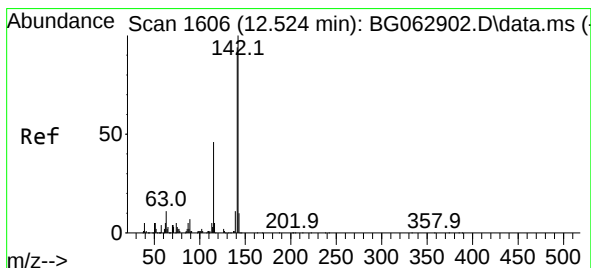
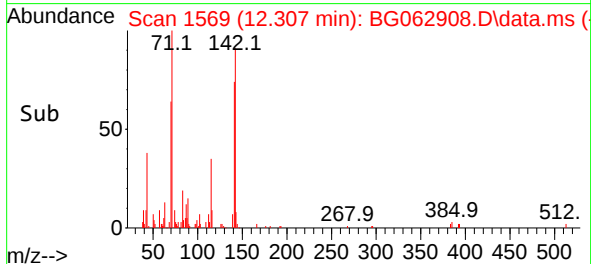
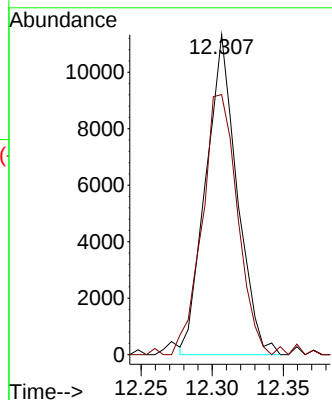
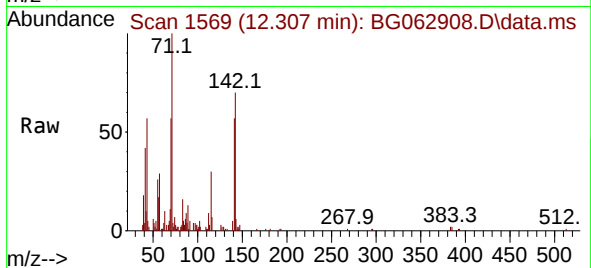
#36
2-Methylnaphthalene
Concen: 2.132 ng/ul
RT: 12.307 min Scan# 1569
Delta R.T. -0.001 min
Lab File: BG062908.D
Acq: 18 Sep 2024 14:29

Instrument :
BNA_G
ClientSampleId :
DCVZ0ME

Tgt Ion:142 Resp: 17310
Ion Ratio Lower Upper
142 100
141 81.3 76.5 114.7

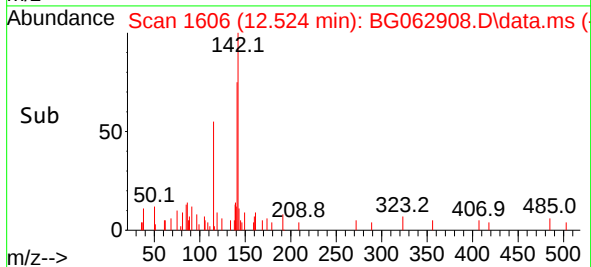
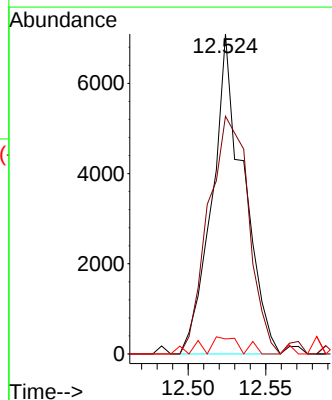
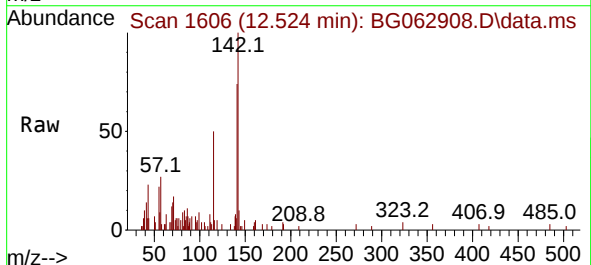
Manual Integrations
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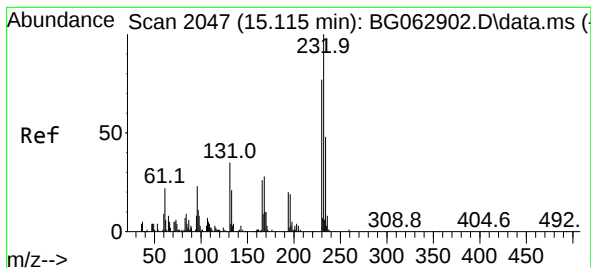
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#37
1-Methylnaphthalene
Concen: 1.212 ng/ul
RT: 12.524 min Scan# 1606
Delta R.T. -0.001 min
Lab File: BG062908.D
Acq: 18 Sep 2024 14:29

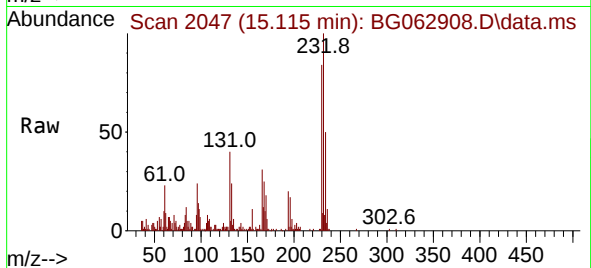
Tgt Ion:142 Resp: 9959
Ion Ratio Lower Upper
142 100
141 74.3 74.1 111.1
116 4.7 3.6 5.4





#58
2,3,4,6-Tetrachlorophenol
Concen: 15.667 ng/ul
RT: 15.115 min Scan# 2047
Delta R.T. -0.001 min
Lab File: BG062908.D
Acq: 18 Sep 2024 14:29

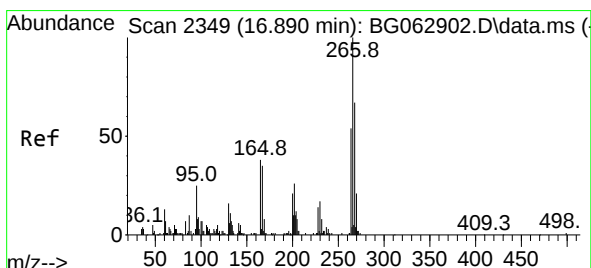
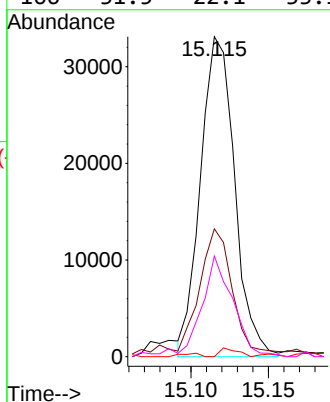
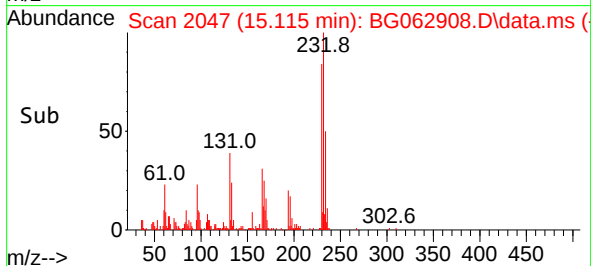
Instrument :
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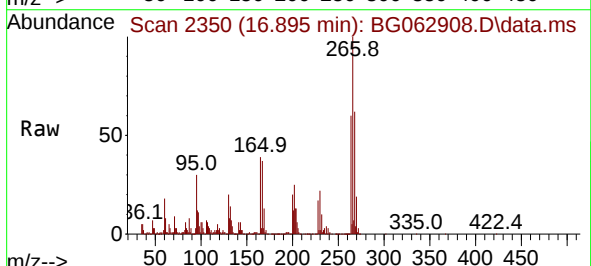
Tgt Ion:	232	Resp:	5066
Ion Ratio	Lower	Upper	
232	100		
131	40.0	31.9	47.9
130	0.0	1.9	2.9
166	31.5	22.1	33.1

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#71
Pentachlorophenol
Concen: 206.535 ng/ul m
RT: 16.895 min Scan# 2350
Delta R.T. 0.005 min
Lab File: BG062908.D
Acq: 18 Sep 2024 14:29



Tgt Ion:	266	Resp:	547875
Ion Ratio	Lower	Upper	
266	100		
264	60.5	43.0	64.4
268	61.8	47.2	70.8

