

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062909.D
 Acq On : 18 Sep 2024 15:09
 Operator : JU/RC
 Sample : P3878-13ME
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCVZ1ME

Manual Integrations
 APPROVED

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

Quant Time: Sep 18 15:55:10 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	7.861	152	50803	20.000	ng/u1	0.00
20) Naphthalene-d8	10.652	136	198249	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.489	164	157578	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.250	188	355300	20.000	ng/u1	0.01
79) Chrysene-d12	21.492	240	359587	20.000	ng/u1	# 0.00
88) Perylene-d12	24.530	264	404557	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	5963	3.438	ng/uL	0.00
4) Pyridine-d5	3.743	84	75366	16.006	ng/u1	0.00
7) Phenol-d5	7.033	99	99164	18.811	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.186	67	62300	21.118	ng/u1	0.00
11) 2-Chlorophenol-d4	7.391	132	68268	19.725	ng/u1	0.00
15) 4-Methylphenol-d8	8.566	113	77751	20.133	ng/u1	0.00
21) Nitrobenzene-d5	9.007	128	34679	21.957	ng/u1	0.00
24) 2-Nitrophenol-d4	9.730	143	40079	22.368	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.276	165	77187	20.763	ng/u1	0.00
31) 4-Chloroaniline-d4	10.781	131	97575	21.090	ng/u1	0.00
46) Dimethylphthalate-d6	13.895	166	242829	20.723	ng/u1	0.00
49) Acenaphthylene-d8	14.183	160	276729	21.144	ng/u1	0.00
54) 4-Nitrophenol-d4	14.700	143	37007	19.708	ng/u1	0.00
60) Fluorene-d10	15.488	176	225610	20.678	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.605	200	38924	18.123	ng/u1	0.00
73) Anthracene-d10	17.344	188	349927	20.839	ng/u1	0.00
81) Pyrene-d10	19.636	212	444687	20.418	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.324	264	465287	21.808	ng/u1	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.699	128	103396	9.393	ng/u1#	93
36) 2-Methylnaphthalene	12.309	142	145067	18.288	ng/u1	90
37) 1-Methylnaphthalene	12.532	142	90207	11.237	ng/u1#	100
43) 1,1'-Biphenyl	13.320	154	18716	1.599	ng/u1	92
58) 2,3,4,6-Tetrachlorophenol	15.123	232	390761	118.776	ng/u1	98
61) Fluorene	15.546	166	15649	1.378	ng/u1#	94
71) Pentachlorophenol	16.939	266	4437226m	1706.207	ng/u1	
72) Phenanthrene	17.291	178	56731	3.006	ng/u1#	94

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

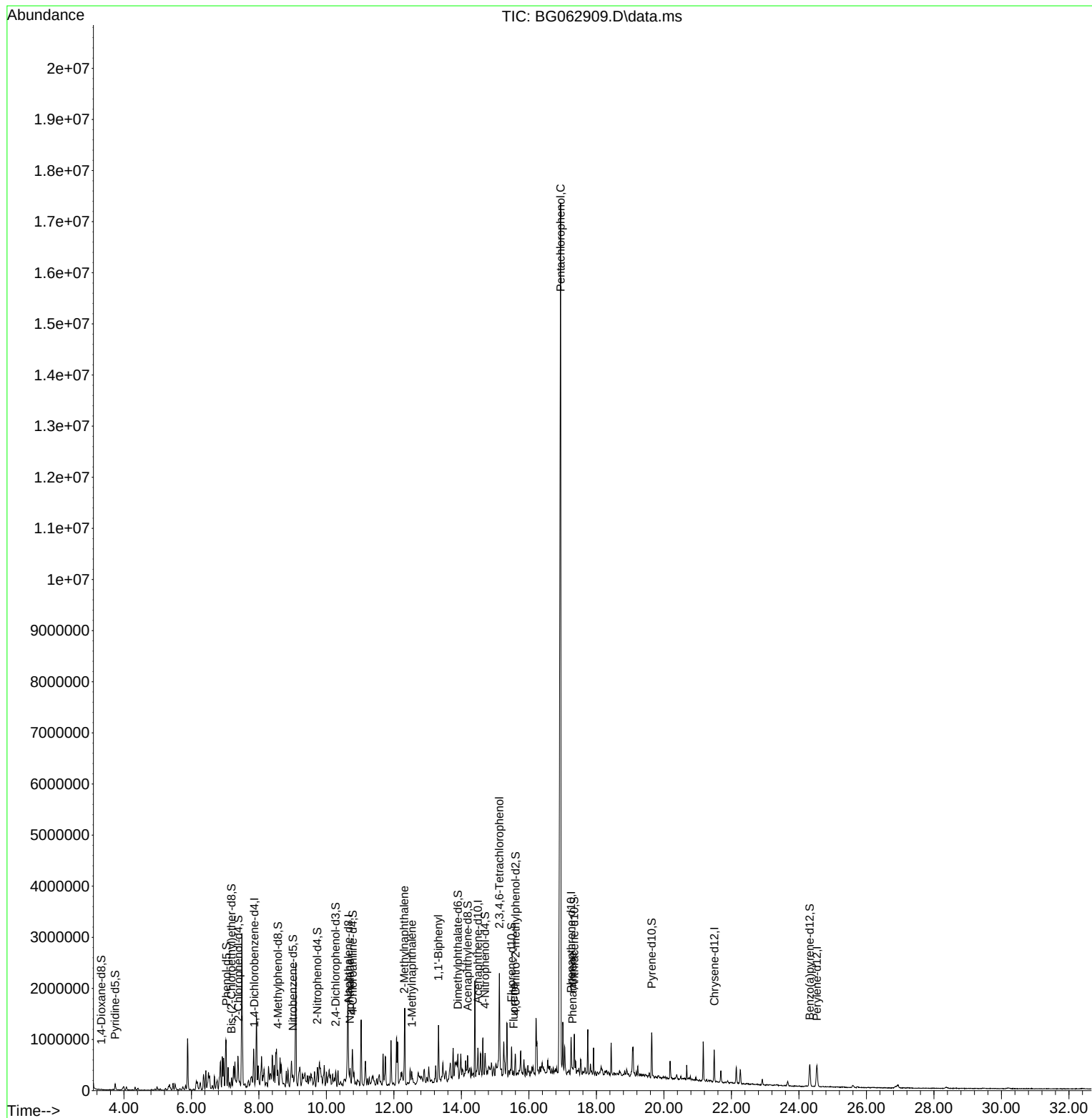
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062909.D
Acq On : 18 Sep 2024 15:09
Operator : JU/RC
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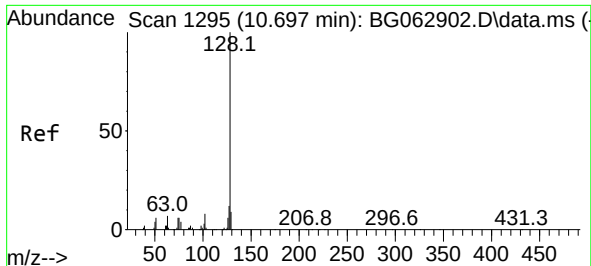
Instrument :
BNA_G
ClientSampleId :
DCVZ1ME

Quant Time: Sep 18 15:55:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
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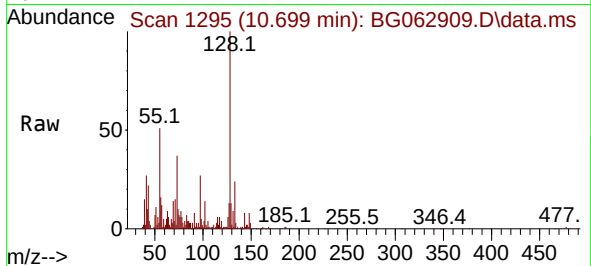
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/22/2024





#30
Naphthalene
Concen: 9.393 ng/ul
RT: 10.699 min Scan# 1295
Delta R.T. 0.002 min
Lab File: BG062909.D
Acq: 18 Sep 2024 15:09

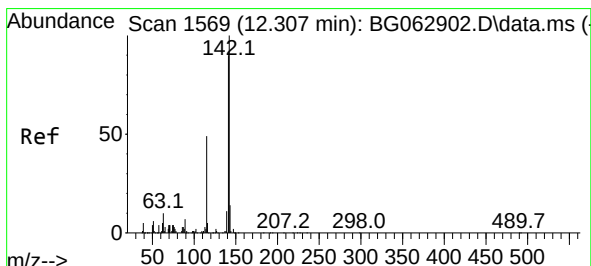
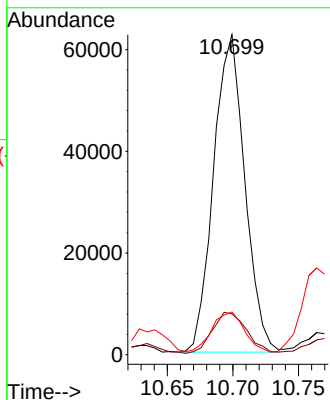
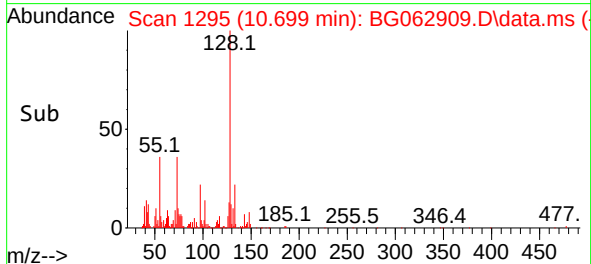
Instrument :
BNA_G
ClientSampleId :
DCVZ1ME



Tgt Ion:128 Resp: 103390
Ion Ratio Lower Upper
128 100
129 12.8 7.1 10.7
127 13.3 9.4 14.2

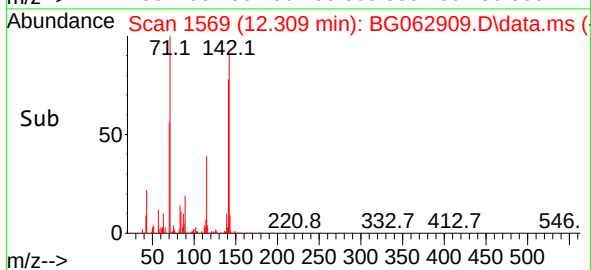
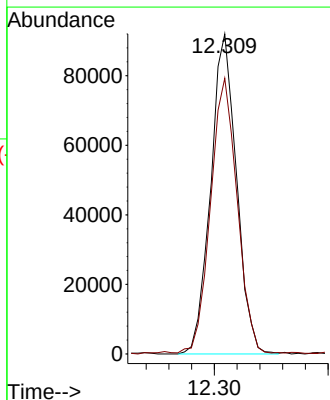
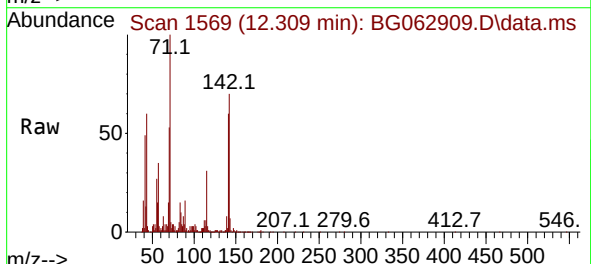
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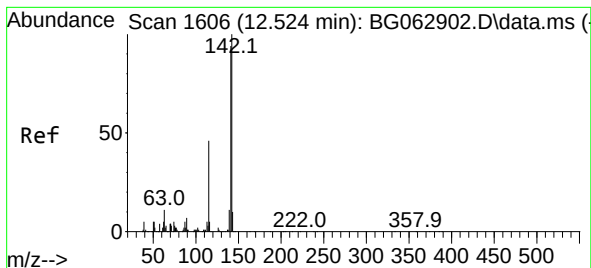
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/22/2024



#36
2-Methylnaphthalene
Concen: 18.288 ng/ul
RT: 12.309 min Scan# 1569
Delta R.T. 0.002 min
Lab File: BG062909.D
Acq: 18 Sep 2024 15:09

Tgt Ion:142 Resp: 145067
Ion Ratio Lower Upper
142 100
141 86.2 76.5 114.7





#37

1-Methylnaphthalene

Concen: 11.237 ng/ul

RT: 12.532 min Scan# 1607

Delta R.T. 0.008 min

Lab File: BG062909.D

Acq: 18 Sep 2024 15:09

Instrument :

BNA_G

ClientSampleId :

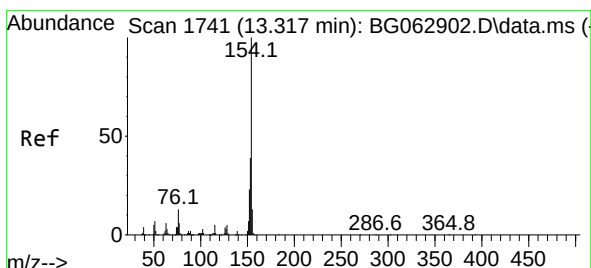
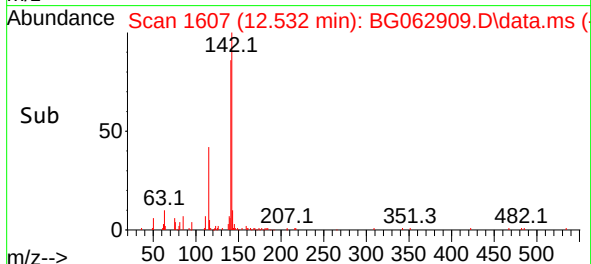
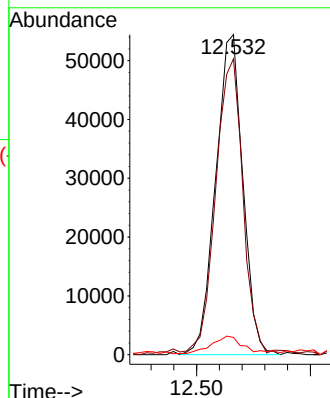
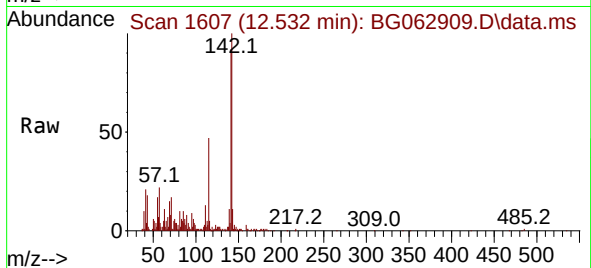
DCVZ1ME

Tgt Ion:	142	Resp:	9020
Ion Ratio	Lower	Upper	
142	100		
141	92.4	74.1	111.1
116	5.4	3.6	5.4

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#43

1,1'-Biphenyl

Concen: 1.599 ng/ul

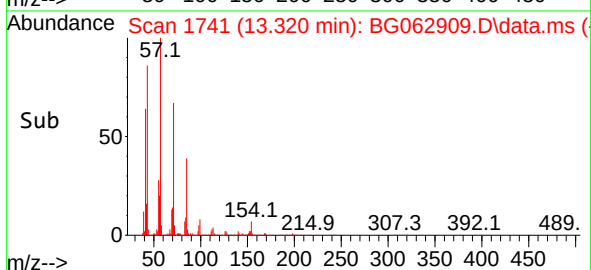
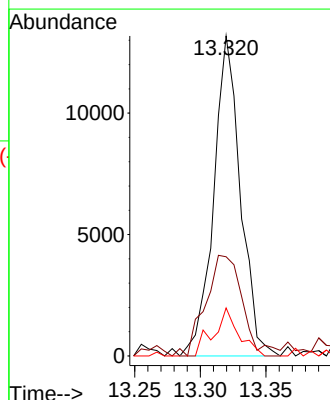
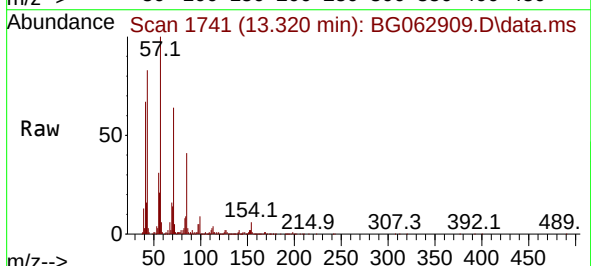
RT: 13.320 min Scan# 1741

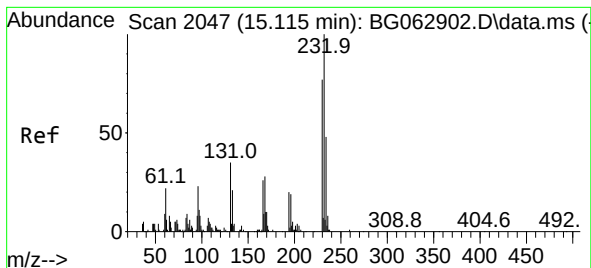
Delta R.T. 0.002 min

Lab File: BG062909.D

Acq: 18 Sep 2024 15:09

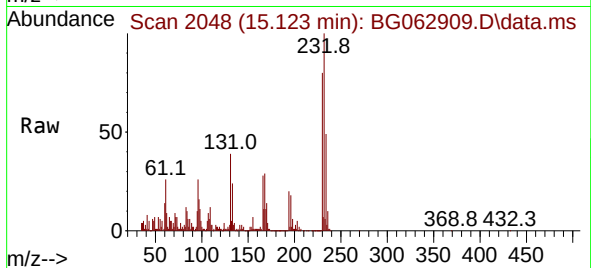
Tgt Ion:	154	Resp:	18716
Ion Ratio	Lower	Upper	
154	100		
153	31.0	30.3	45.5
76	15.0	11.9	17.9





#58
2,3,4,6-Tetrachlorophenol
Concen: 118.776 ng/ul
RT: 15.123 min Scan# 2047
Delta R.T. 0.008 min
Lab File: BG062909.D
Acq: 18 Sep 2024 15:09

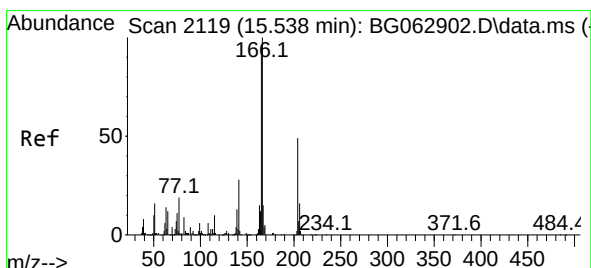
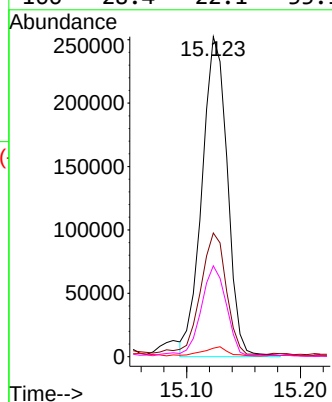
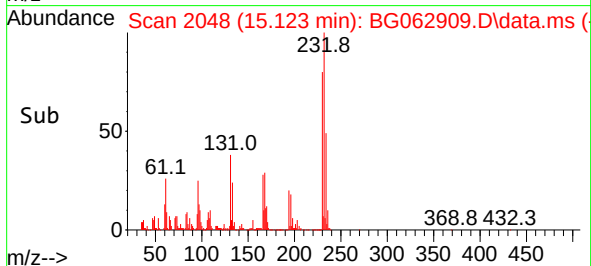
Instrument :
BNA_G
ClientSampleId :
DCVZ1ME



Tgt Ion:232 Resp: 390761
Ion Ratio Lower Upper
232 100
131 38.6 31.9 47.9
130 2.7 1.9 2.9
166 28.4 22.1 33.1

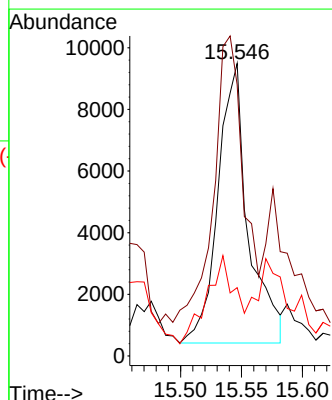
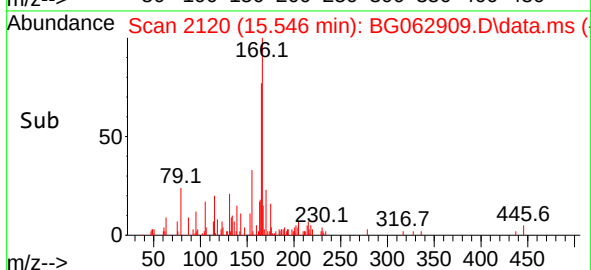
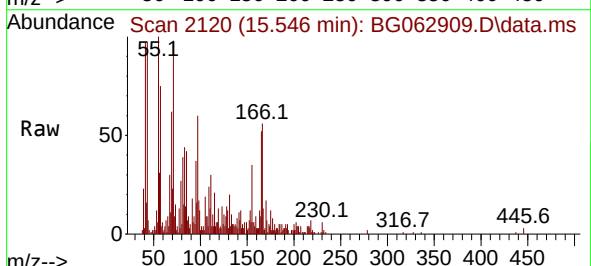
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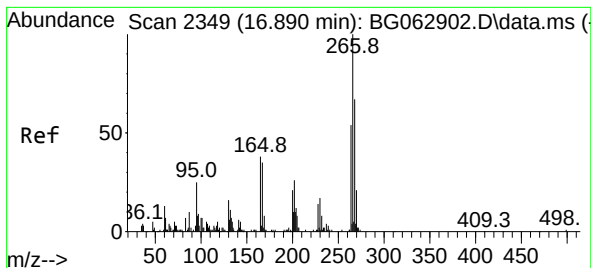
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/22/2024



#61
Fluorene
Concen: 1.378 ng/ul
RT: 15.546 min Scan# 2120
Delta R.T. 0.008 min
Lab File: BG062909.D
Acq: 18 Sep 2024 15:09

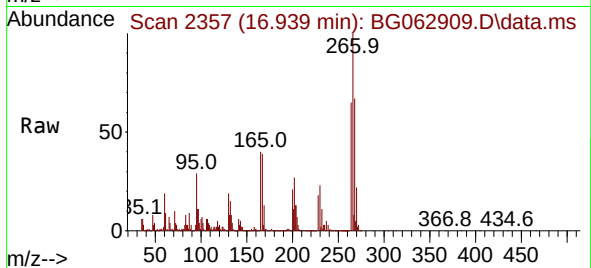
Tgt Ion:166 Resp: 15649
Ion Ratio Lower Upper
166 100
165 92.7 77.2 115.8
167 23.4 10.8 16.2#





#71
Pentachlorophenol
Concen: 1706.207 ng/ul m
RT: 16.939 min Scan# 21
Delta R.T. 0.049 min
Lab File: BG062909.D
Acq: 18 Sep 2024 15:09

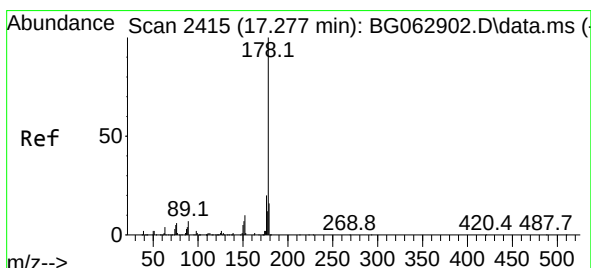
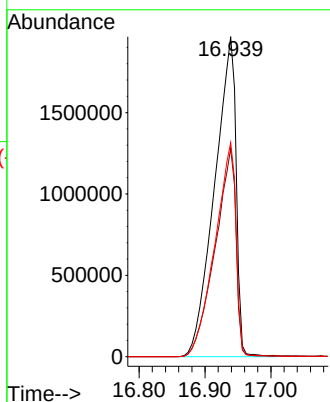
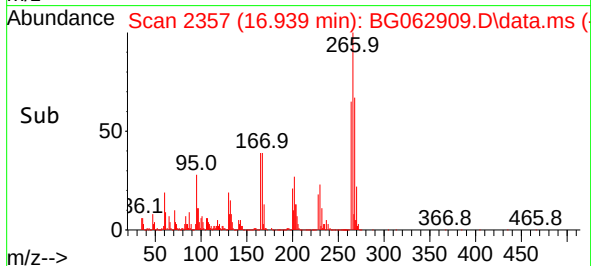
Instrument :
BNA_G
ClientSampleId :
DCVZ1ME



Tgt Ion:266 Resp: 4437220
Ion Ratio Lower Upper
266 100
264 65.1 43.0 64.4#
268 66.9 47.2 70.8

Manual Integrations
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#72
Phenanthrene
Concen: 3.006 ng/ul
RT: 17.291 min Scan# 2417
Delta R.T. 0.014 min
Lab File: BG062909.D
Acq: 18 Sep 2024 15:09

Tgt Ion:178 Resp: 56731
Ion Ratio Lower Upper
178 100
179 20.4 12.3 18.5#
176 20.1 15.5 23.3

