

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062907.D
 Acq On : 18 Sep 2024 13:50
 Operator : JU/RC
 Sample : P3878-08ME
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCVY6ME

Manual Integrations
 APPROVED

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

Quant Time: Sep 18 14:30:11 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	7.855	152	50537	20.000	ng/u1	0.00
20) Naphthalene-d8	10.646	136	193817	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.489	164	154775	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.250	188	354881	20.000	ng/u1	0.01
79) Chrysene-d12	21.486	240	362556	20.000	ng/u1	0.00
88) Perylene-d12	24.530	264	424263	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	5921m	3.432	ng/uL	0.00
4) Pyridine-d5	3.743	84	79145	16.897	ng/u1	0.00
7) Phenol-d5	7.033	99	110853	21.139	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.186	67	66516	22.666	ng/u1	0.00
11) 2-Chlorophenol-d4	7.397	132	72483	21.053	ng/u1	0.00
15) 4-Methylphenol-d8	8.560	113	85317	22.209	ng/u1	0.00
21) Nitrobenzene-d5	9.013	128	37699	24.415	ng/u1	0.00
24) 2-Nitrophenol-d4	9.730	143	45225	25.817	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.270	165	83953	23.099	ng/u1	0.00
31) 4-Chloroaniline-d4	10.781	131	99299	21.954	ng/u1	0.00
46) Dimethylphthalate-d6	13.895	166	264972	23.022	ng/u1	0.00
49) Acenaphthylene-d8	14.183	160	298838	23.247	ng/u1	0.00
54) 4-Nitrophenol-d4	14.700	143	38130	20.674	ng/u1	0.00
60) Fluorene-d10	15.488	176	249659	23.296	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.605	200	44888	20.924	ng/u1	0.00
73) Anthracene-d10	17.344	188	386736	23.058	ng/u1	0.00
81) Pyrene-d10	19.636	212	499864	22.764	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.318	264	518908	23.192	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.693	128	99871	9.280	ng/u1#	94
36) 2-Methylnaphthalene	12.309	142	151170	19.493	ng/u1	98
37) 1-Methylnaphthalene	12.526	142	91651	11.678	ng/u1#	98
43) 1,1'-Biphenyl	13.320	154	19783	1.721	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.123	232	373862	115.697	ng/u1	99
61) Fluorene	15.541	166	13374	1.199	ng/u1#	90
71) Pentachlorophenol	16.933	266	4069425	1566.627	ng/u1	89
72) Phenanthrene	17.285	178	68344	3.625	ng/u1	97

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

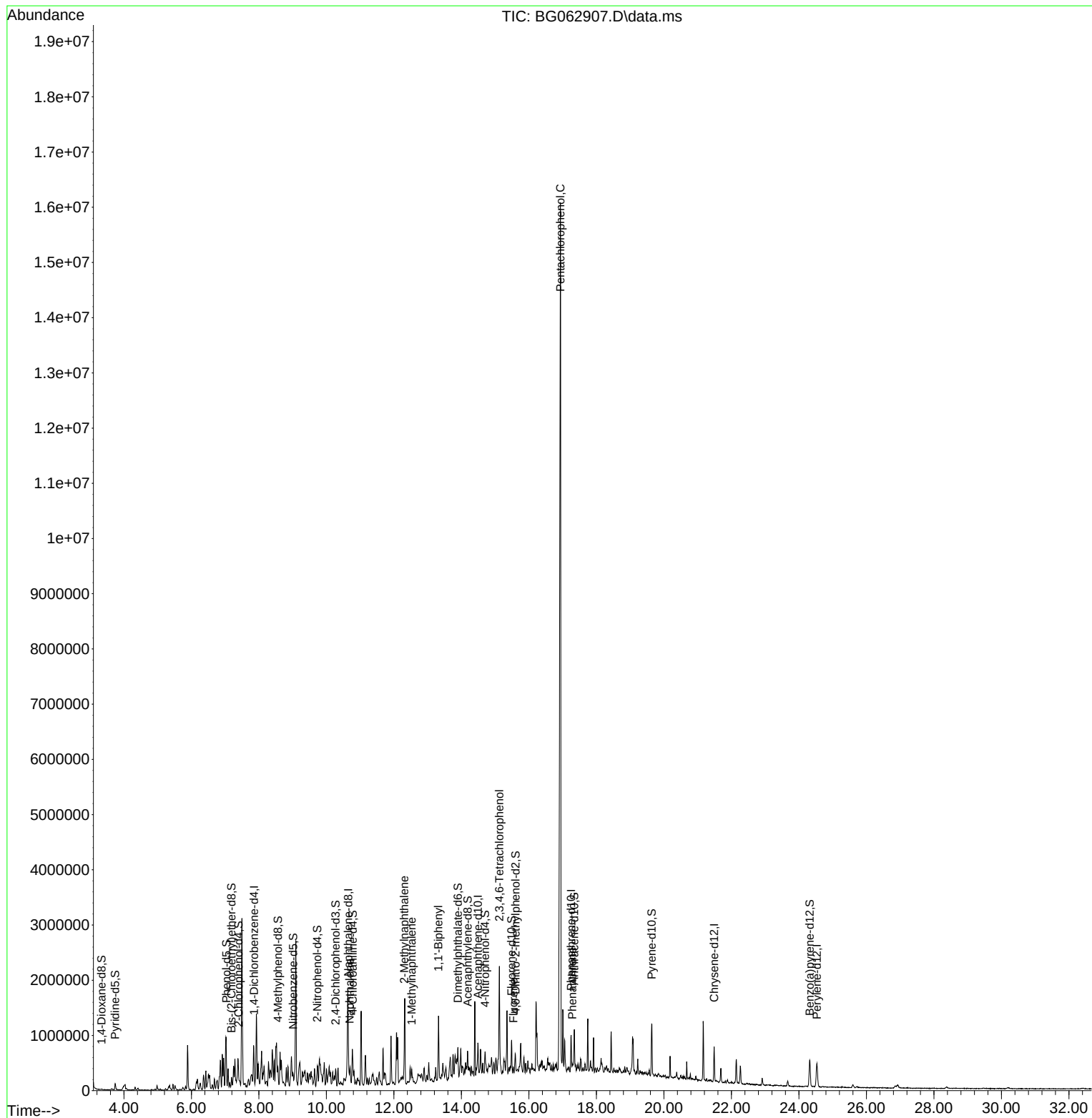
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062907.D
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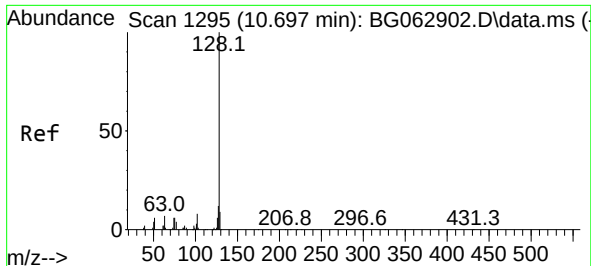
Instrument :
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ClientSampleId :
DCVY6ME

Quant Time: Sep 18 14:30:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
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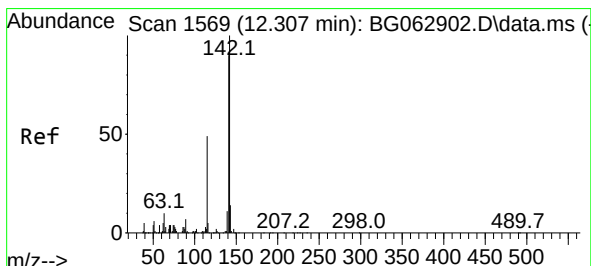
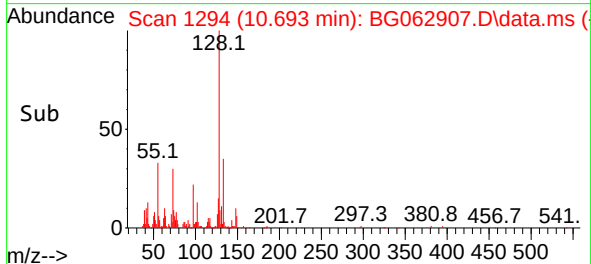
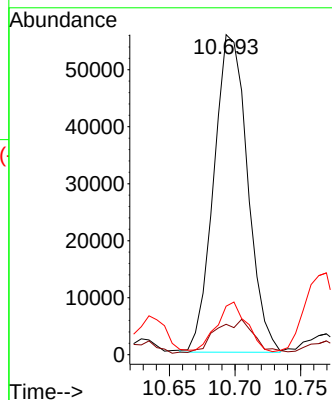
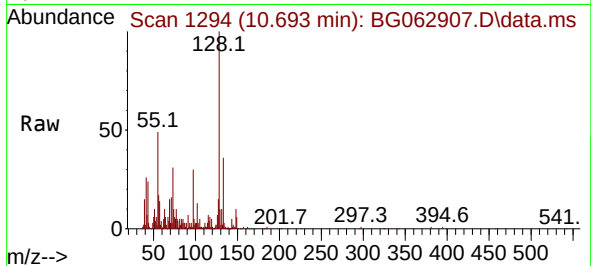
#30
Naphthalene
Concen: 9.280 ng/ul
RT: 10.693 min Scan# 1294
Delta R.T. -0.004 min
Lab File: BG062907.D
Acq: 18 Sep 2024 13:50

Instrument :
BNA_G
ClientSampleId :
DCVY6ME

Tgt Ion:128 Resp: 9987
Ion Ratio Lower Upper
128 100
129 9.5 7.1 10.7
127 15.1 9.4 14.2

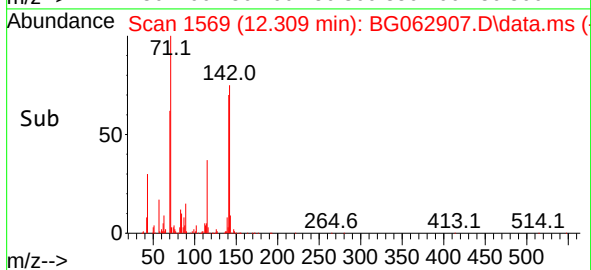
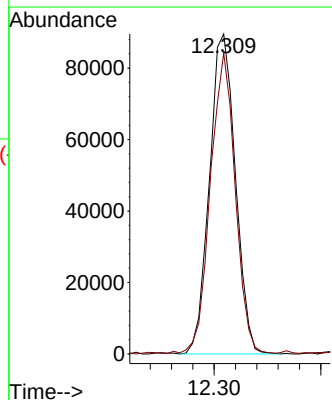
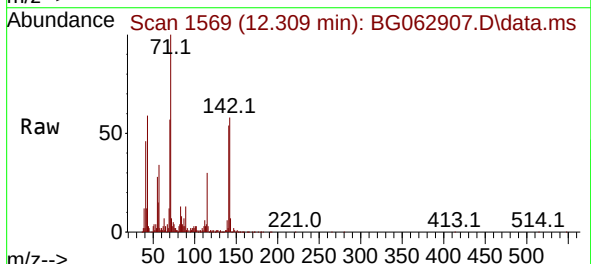
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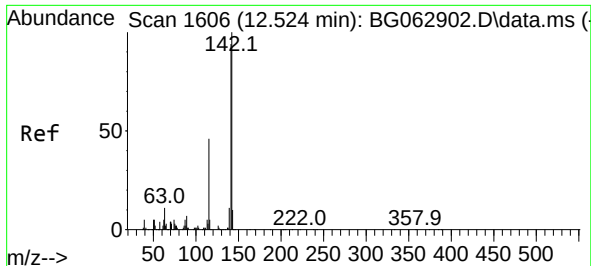
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/22/2024



#36
2-Methylnaphthalene
Concen: 19.493 ng/ul
RT: 12.309 min Scan# 1569
Delta R.T. 0.002 min
Lab File: BG062907.D
Acq: 18 Sep 2024 13:50

Tgt Ion:142 Resp: 151170
Ion Ratio Lower Upper
142 100
141 94.1 76.5 114.7





#37

1-Methylnaphthalene

Concen: 11.678 ng/ul

RT: 12.526 min Scan# 1606

Delta R.T. 0.002 min

Lab File: BG062907.D

Acq: 18 Sep 2024 13:50

Instrument :

BNA_G

ClientSampleId :

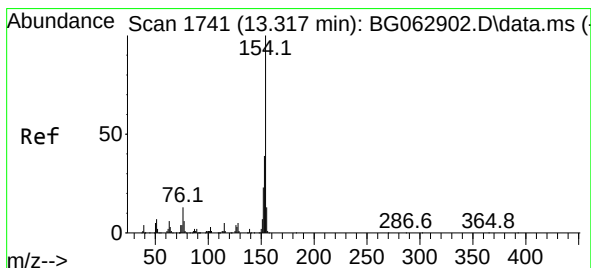
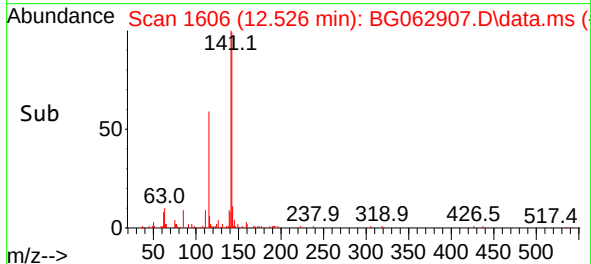
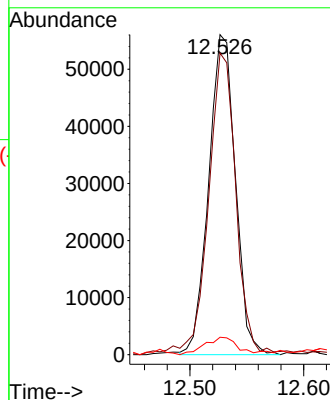
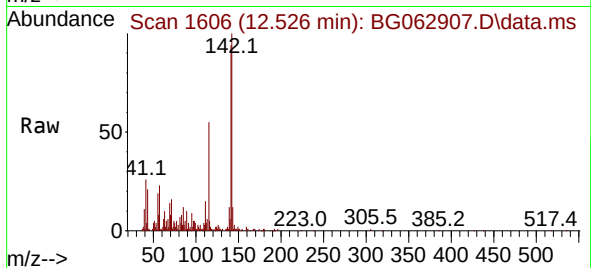
DCVY6ME

Tgt Ion:	142	Resp:	9165
Ion Ratio	Lower	Upper	
142	100		
141	94.3	74.1	111.1
116	5.5	3.6	5.4

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#43

1,1'-Biphenyl

Concen: 1.721 ng/ul

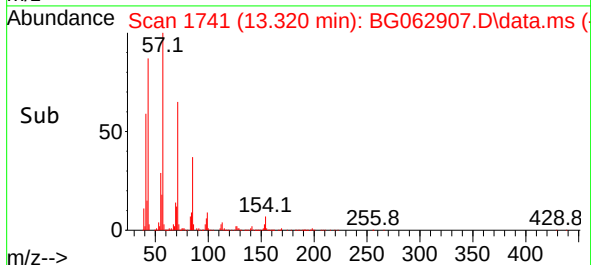
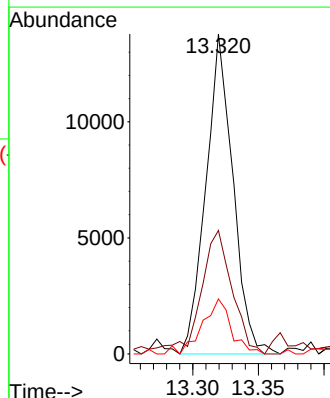
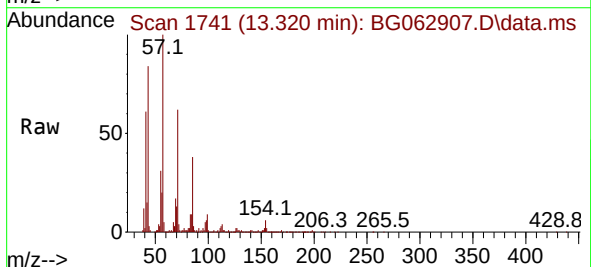
RT: 13.320 min Scan# 1741

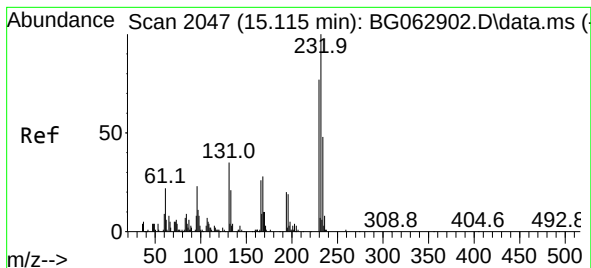
Delta R.T. 0.002 min

Lab File: BG062907.D

Acq: 18 Sep 2024 13:50

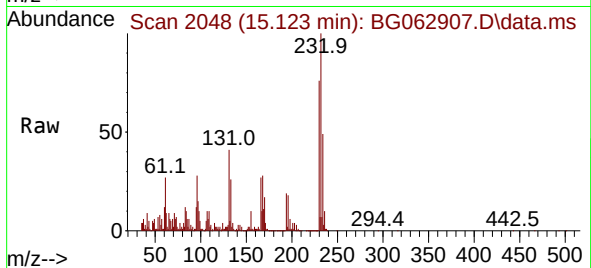
Tgt Ion:	154	Resp:	19783
Ion Ratio	Lower	Upper	
154	100		
153	38.6	30.3	45.5
76	17.2	11.9	17.9





#58
2,3,4,6-Tetrachlorophenol
Concen: 115.697 ng/ul
RT: 15.123 min Scan# 2047
Delta R.T. 0.008 min
Lab File: BG062907.D
Acq: 18 Sep 2024 13:50

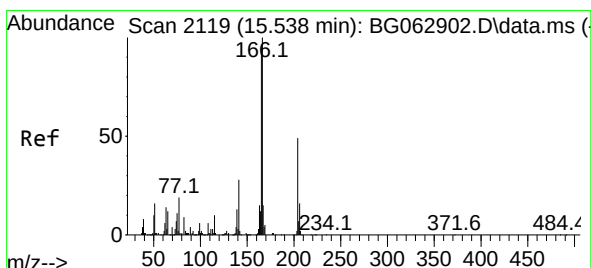
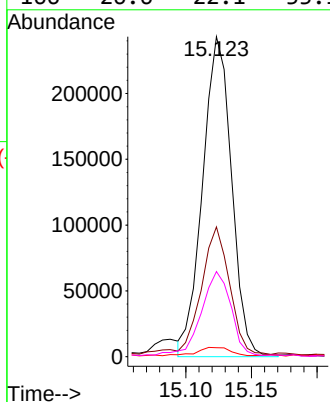
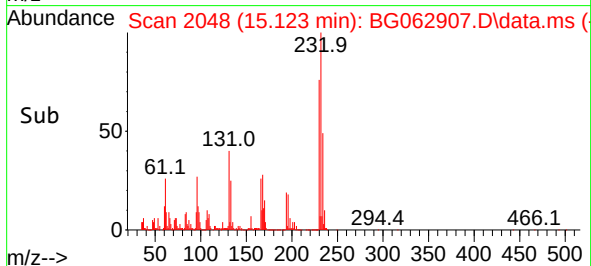
Instrument :
BNA_G
ClientSampleId :
DCVY6ME



Tgt Ion:232 Resp: 373861
Ion Ratio Lower Upper
232 100
131 40.6 31.9 47.9
130 2.8 1.9 2.9
166 26.6 22.1 33.1

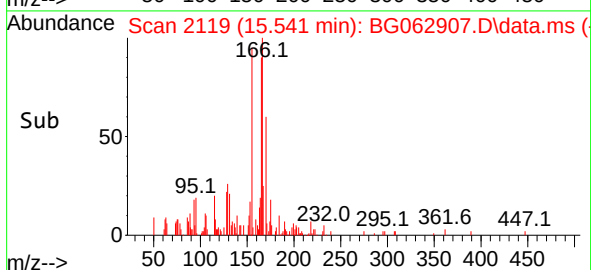
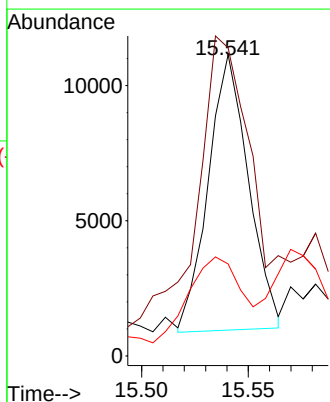
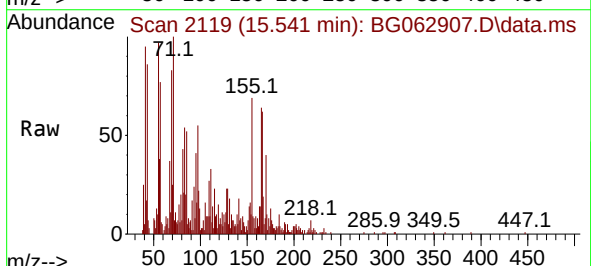
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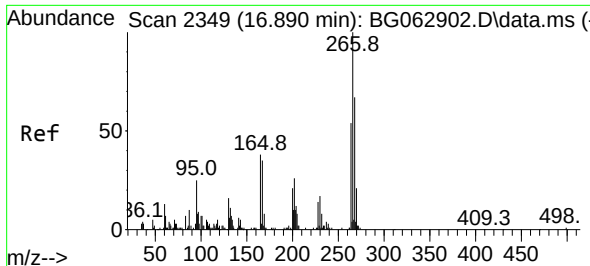
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/22/2024



#61
Fluorene
Concen: 1.199 ng/ul
RT: 15.541 min Scan# 2119
Delta R.T. 0.002 min
Lab File: BG062907.D
Acq: 18 Sep 2024 13:50

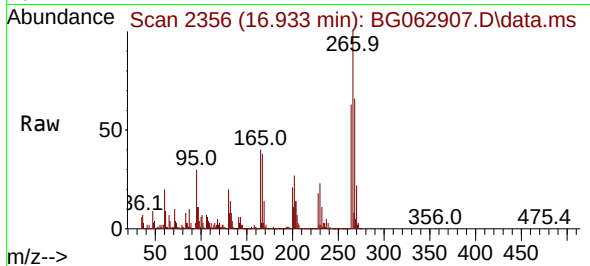
Tgt Ion:166 Resp: 13374
Ion Ratio Lower Upper
166 100
165 102.2 77.2 115.8
167 30.5 10.8 16.2#





#71
 Pentachlorophenol
 Concen: 1566.627 ng/u1
 RT: 16.933 min Scan# 21
 Delta R.T. 0.043 min
 Lab File: BG062907.D
 Acq: 18 Sep 2024 13:50

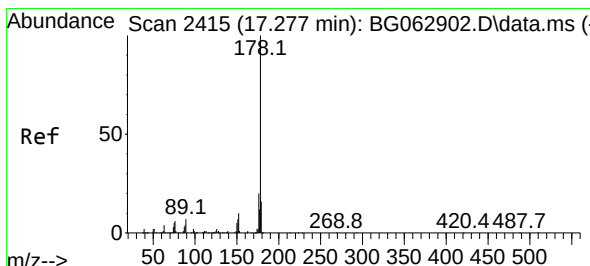
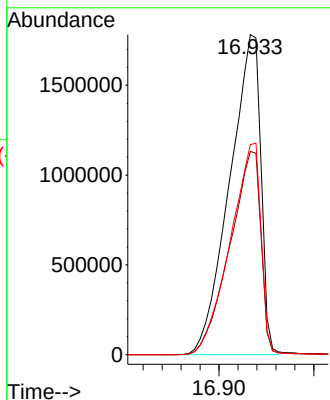
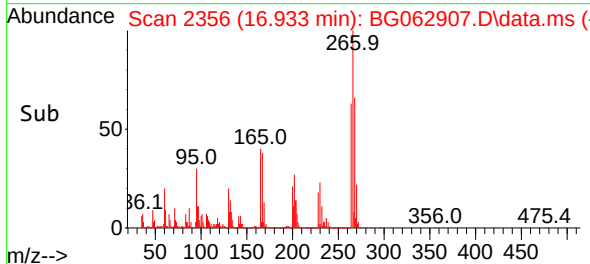
Instrument :
 BNA_G
 ClientSampleId :
 DCVY6ME



Tgt Ion:266 Resp: 406942
 Ion Ratio Lower Upper
 266 100
 264 63.5 43.0 64.4
 268 65.7 47.2 70.8

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#72
 Phenanthrene
 Concen: 3.625 ng/u1
 RT: 17.285 min Scan# 2416
 Delta R.T. 0.008 min
 Lab File: BG062907.D
 Acq: 18 Sep 2024 13:50

Tgt Ion:178 Resp: 68344
 Ion Ratio Lower Upper
 178 100
 179 17.3 12.3 18.5
 176 18.9 15.5 23.3

