

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091024\
 Data File : BG062737.D
 Acq On : 11 Sep 2024 15:48
 Operator : JU/RC
 Sample : P3877-11
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCVY4

Quant Time: Sep 11 23:26:07 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	90780	20.000	ng/ul	0.00
20) Naphthalene-d8	10.703	136	337706	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.540	164	274759	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.301	188	612860	20.000	ng/ul	0.02
79) Chrysene-d12	21.526	240	629740	20.000	ng/ul	0.00
88) Perylene-d12	24.593	264	712366	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.359	96	6364	3.169	ng/uL	0.00
4) Pyridine-d5	3.770	84	105240	16.463	ng/ul	0.00
7) Phenol-d5	7.078	99	147468	18.525	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.237	67	102282	21.431	ng/ul	0.00
11) 2-Chlorophenol-d4	7.442	132	117557	20.274	ng/ul	0.00
15) 4-Methylphenol-d8	8.611	113	116570	17.573	ng/ul	0.00
21) Nitrobenzene-d5	9.064	128	64036	26.531	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	66968	25.370	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.327	165	136764	23.791	ng/ul	0.00
31) 4-Chloroaniline-d4	10.826	131	190712	24.135	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	402707	19.033	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	483112	20.559	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	88525	24.629	ng/ul	0.02
60) Fluorene-d10	15.533	176	376919	19.769	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	102194	28.989	ng/ul	0.00
73) Anthracene-d10	17.395	188	599113	20.714	ng/ul	0.02
81) Pyrene-d10	19.669	212	731449	20.641	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.381	264	761607	20.247	ng/ul	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.750	128	646067	35.680	ng/ul	98
36) 2-Methylnaphthalene	12.366	142	782237	58.534	ng/ul	97
37) 1-Methylnaphthalene	12.583	142	504063	36.823	ng/ul#	95
41) 2,4,6-Trichlorophenol	12.977	196	14305	2.500	ng/ul	93
42) 2,4,5-Trichlorophenol	13.047	196	14211	2.313	ng/ul	94
43) 1,1'-Biphenyl	13.365	154	100161	5.184	ng/ul	99
52) Acenaphthene	14.604	153	32479	1.848	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.180	232	1513830	243.173	ng/ul#	96
61) Fluorene	15.591	166	65199	3.179	ng/ul#	89
71) Pentachlorophenol	17.019	266	11670063m	2423.091	ng/ul	
72) Phenanthrene	17.342	178	246230	7.726	ng/ul#	93
86) Bis(2-ethylhexyl)phtha...	21.426	149	56119	3.039	ng/ul#	93

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

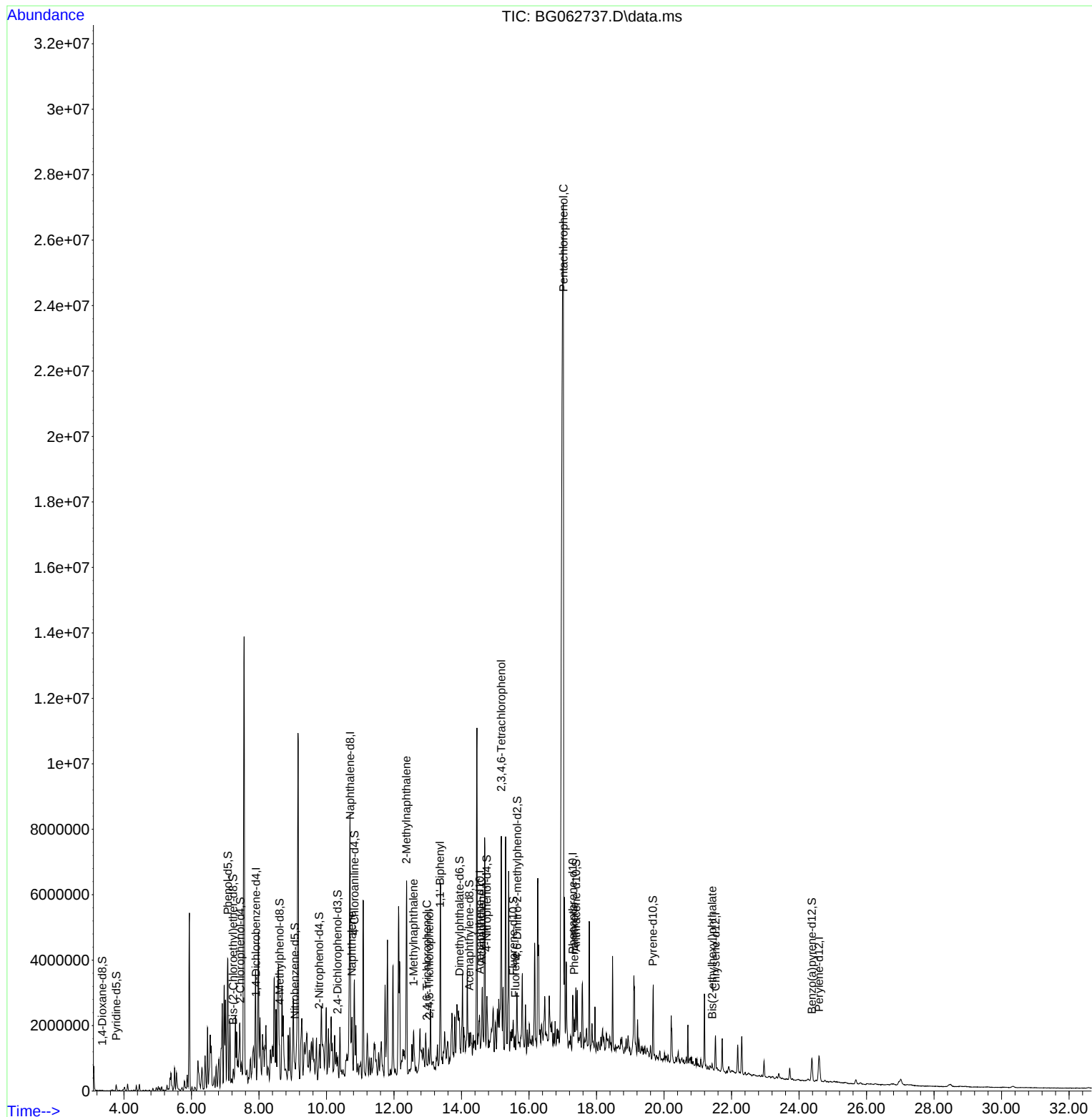
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091024\
Data File : BG062737.D
Acq On : 11 Sep 2024 15:48
Operator : JU/RC
Sample : P3877-11
Misc :
ALS Vial : 43 Sample Multiplier: 1

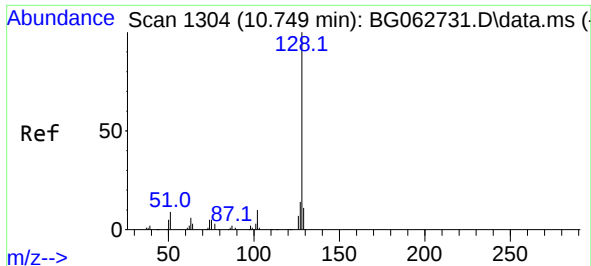
Instrument :
BNA_G
ClientSampleId :
DCVY4

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 09/13/2024

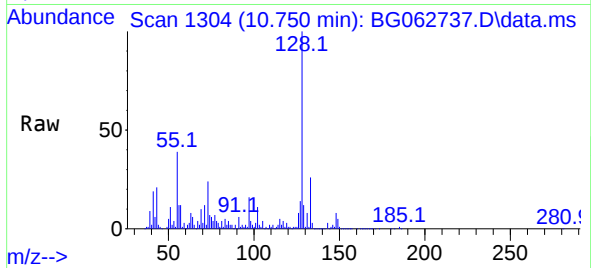
Quant Time: Sep 11 23:26:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 35.680 ng/u1
RT: 10.750 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG062737.D
Acq: 11 Sep 2024 15:48

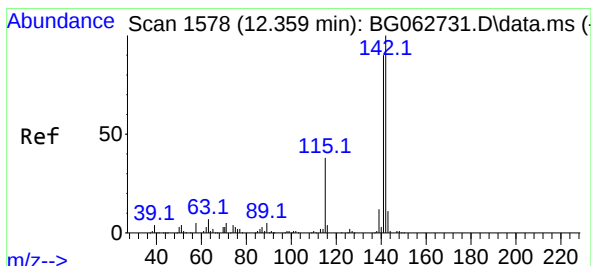
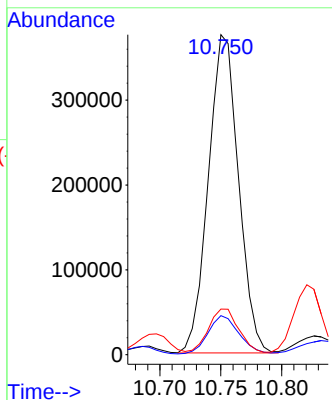
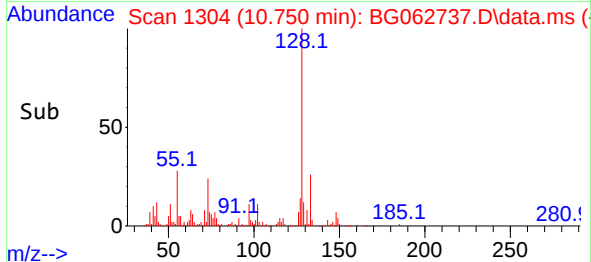
Instrument :
BNA_G
ClientSampleId :
DCVY4



Tgt Ion:128 Resp: 64606
Ion Ratio Lower Upper
128 100
129 12.2 9.0 13.6
127 14.3 10.7 16.1

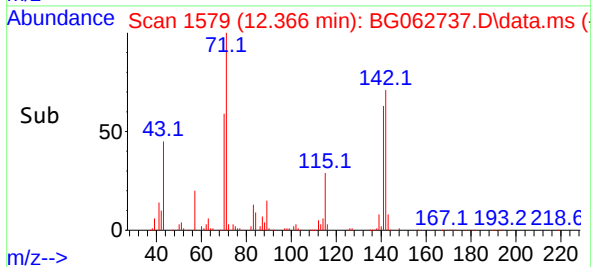
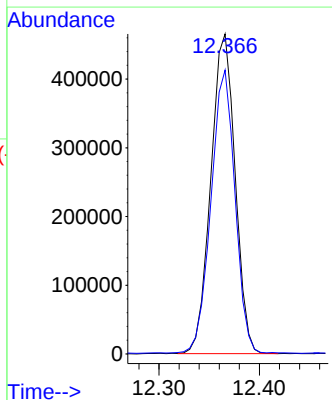
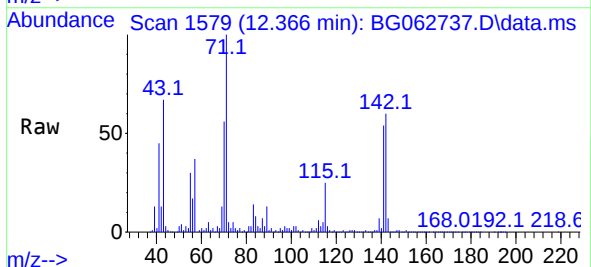
Manual Integrations
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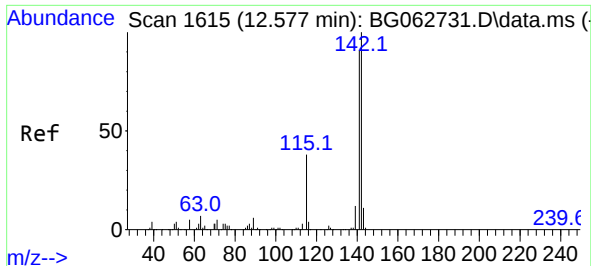
Reviewed By :Yogesh Patel 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#36
2-Methylnaphthalene
Concen: 58.534 ng/u1
RT: 12.366 min Scan# 1579
Delta R.T. 0.007 min
Lab File: BG062737.D
Acq: 11 Sep 2024 15:48

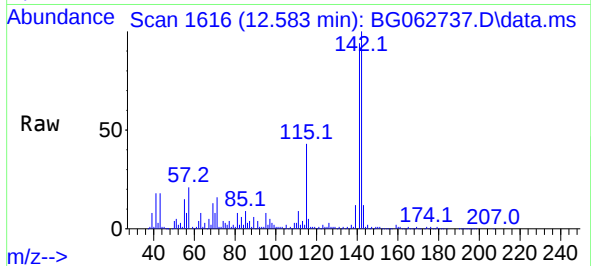
Tgt Ion:142 Resp: 782237
Ion Ratio Lower Upper
142 100
141 88.7 73.4 110.2





#37
1-Methylnaphthalene
Concen: 36.823 ng/ul
RT: 12.583 min Scan# 1615
Delta R.T. 0.007 min
Lab File: BG062737.D
Acq: 11 Sep 2024 15:48

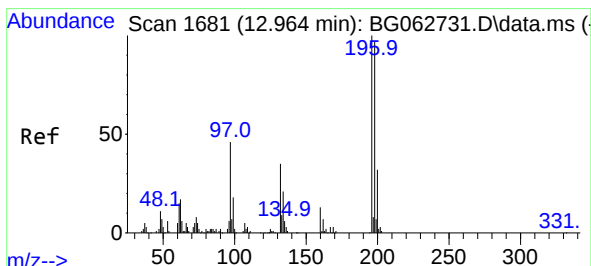
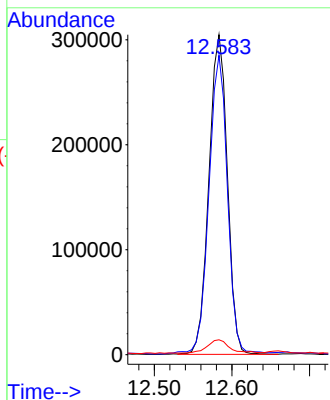
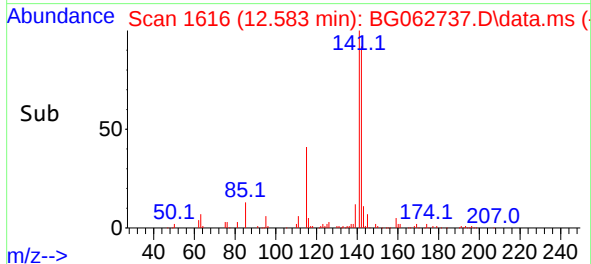
Instrument :
BNA_G
ClientSampleId :
DCVY4



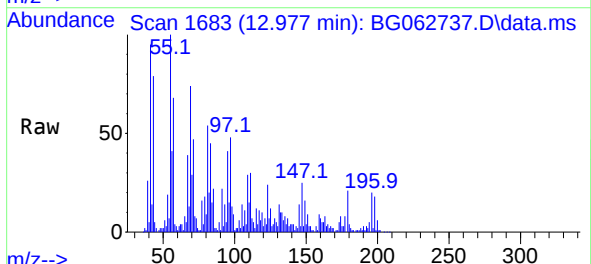
Tgt Ion:142 Resp: 50406
Ion Ratio Lower Upper
142 100
141 93.5 71.1 106.7
116 4.7 3.0 4.6

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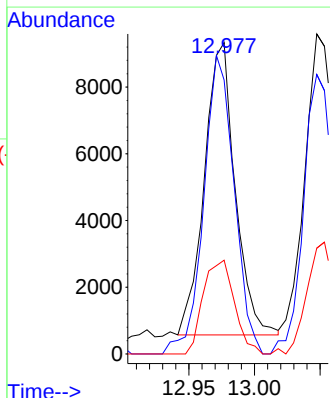
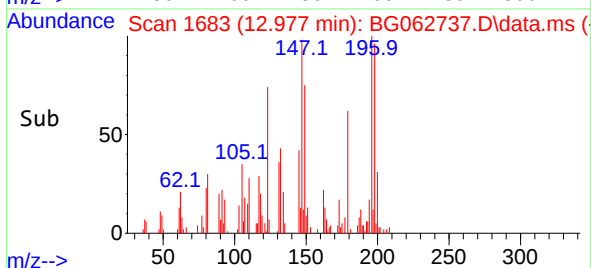
Reviewed By :Yogesh Patel 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

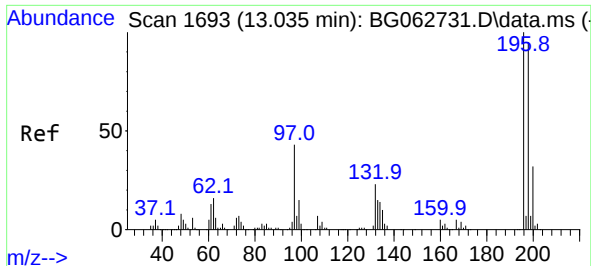


#41
2,4,6-Trichlorophenol
Concen: 2.500 ng/ul
RT: 12.977 min Scan# 1683
Delta R.T. 0.013 min
Lab File: BG062737.D
Acq: 11 Sep 2024 15:48



Tgt Ion:196 Resp: 14305
Ion Ratio Lower Upper
196 100
198 88.0 76.2 114.4
200 30.1 26.0 39.0





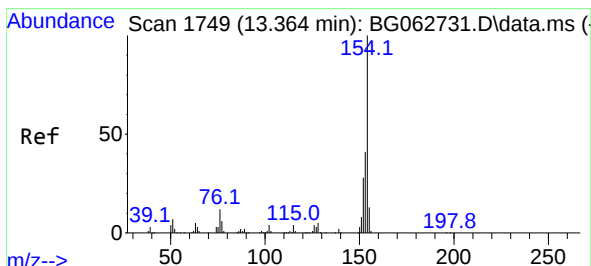
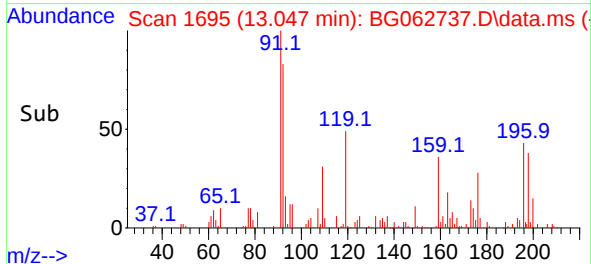
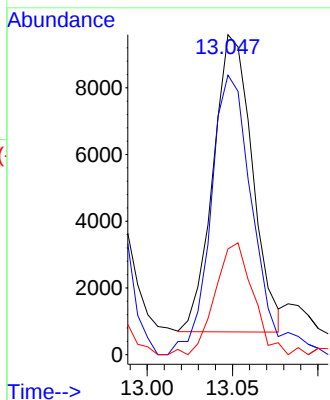
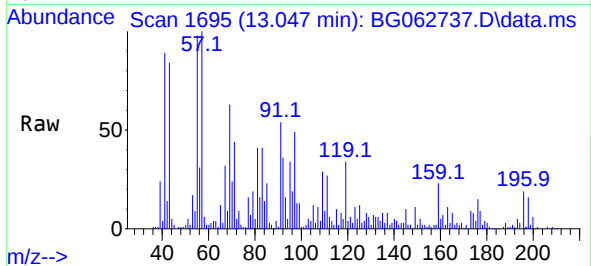
#42
2,4,5-Trichlorophenol
Concen: 2.313 ng/ul
RT: 13.047 min Scan# 1693
Delta R.T. 0.007 min
Lab File: BG062737.D
Acq: 11 Sep 2024 15:48

Instrument :
BNA_G
ClientSampleId :
DCVY4

Tgt Ion	Ratio	Lower	Upper
196	100		
198	81.9	71.2	106.8
200	31.0	24.6	37.0

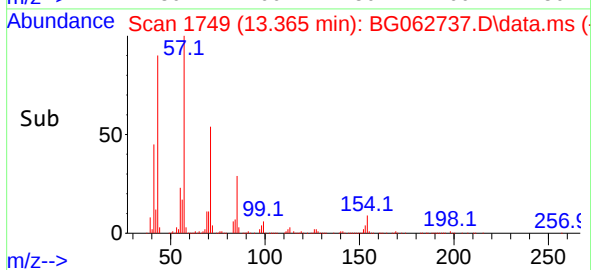
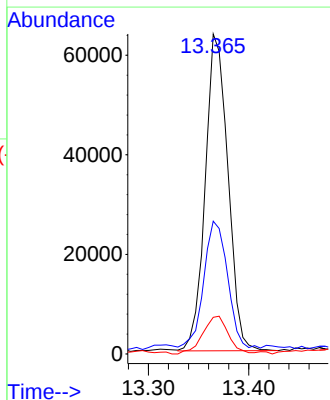
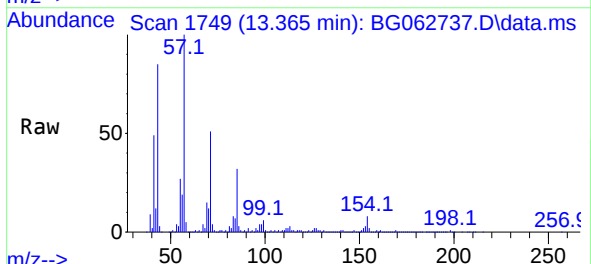
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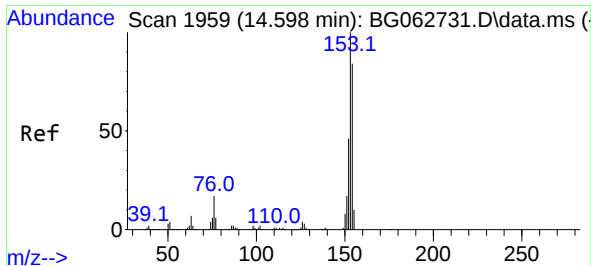
Reviewed By :Yogesh Patel 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#43
1,1'-Biphenyl
Concen: 5.184 ng/ul
RT: 13.365 min Scan# 1749
Delta R.T. 0.001 min
Lab File: BG062737.D
Acq: 11 Sep 2024 15:48

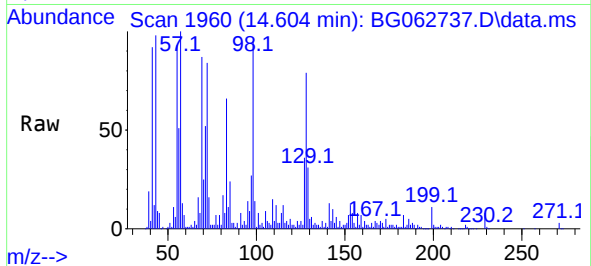
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	33.4	50.0
76	11.4	10.1	15.1





#52
Acenaphthene
Concen: 1.848 ng/ul
RT: 14.604 min Scan# 1959
Delta R.T. 0.007 min
Lab File: BG062737.D
Acq: 11 Sep 2024 15:48

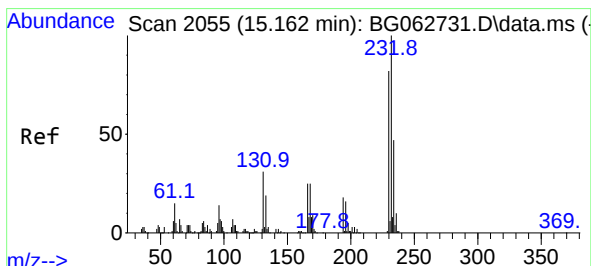
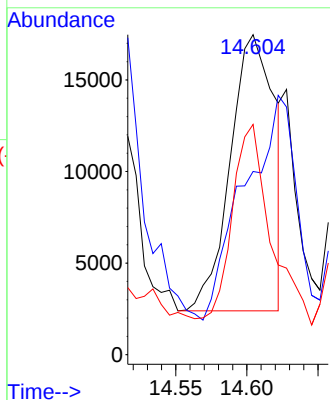
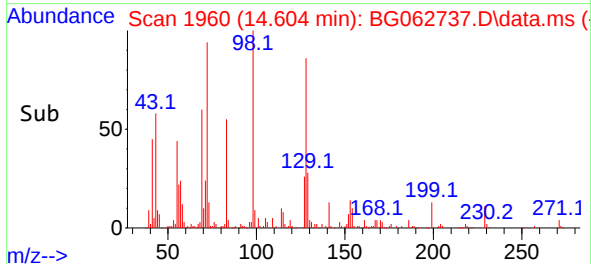
Instrument :
BNA_G
ClientSampleId :
DCVY4



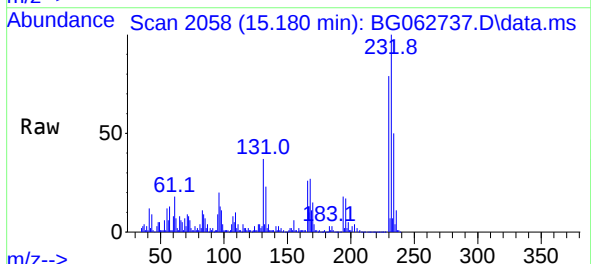
Tgt Ion:153 Resp: 32479
Ion Ratio Lower Upper
153 100
152 57.3 37.2 55.8
154 71.9 67.8 101.6

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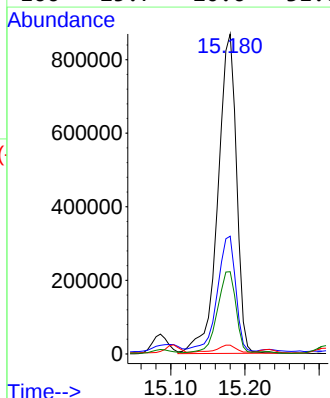
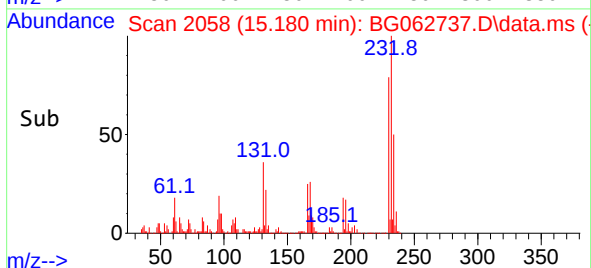
Reviewed By :Yogesh Patel 09/12/2024
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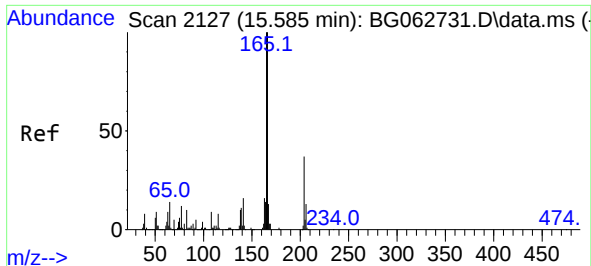


#58
2,3,4,6-Tetrachlorophenol
Concen: 243.173 ng/ul
RT: 15.180 min Scan# 2058
Delta R.T. 0.025 min
Lab File: BG062737.D
Acq: 11 Sep 2024 15:48



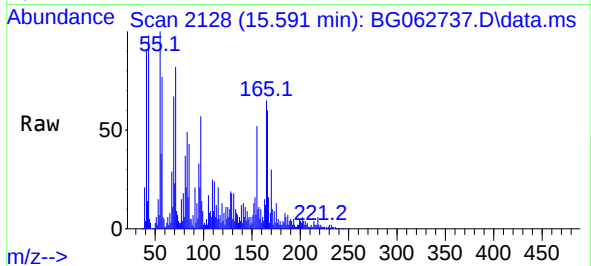
Tgt Ion:232 Resp: 1513830
Ion Ratio Lower Upper
232 100
131 36.8 26.6 40.0
130 2.7 1.6 2.4
166 25.7 20.6 31.0





#61
Fluorene
Concen: 3.179 ng/ul
RT: 15.591 min Scan# 2127
Delta R.T. 0.013 min
Lab File: BG062737.D
Acq: 11 Sep 2024 15:48

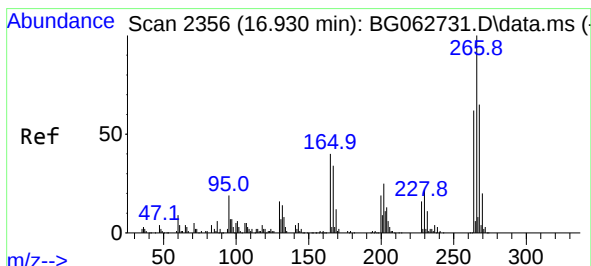
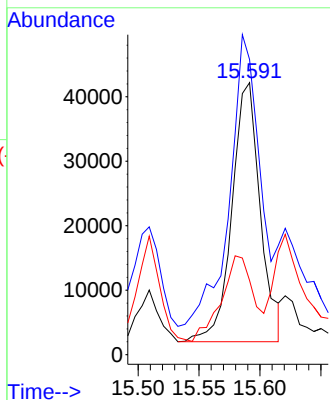
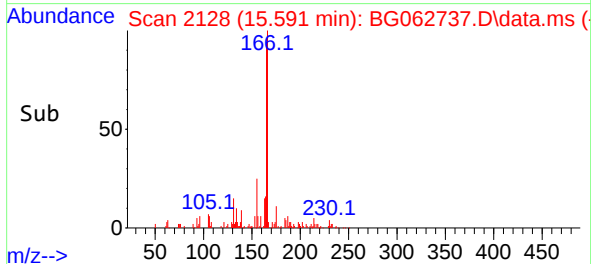
Instrument :
BNA_G
ClientSampleId :
DCVY4



Tgt Ion:166 Resp: 65199
Ion Ratio Lower Upper
166 100
165 108.5 80.9 121.3
167 27.3 10.9 16.3

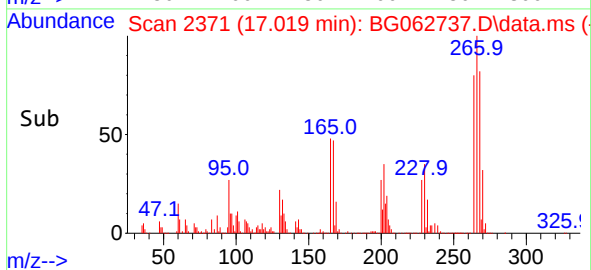
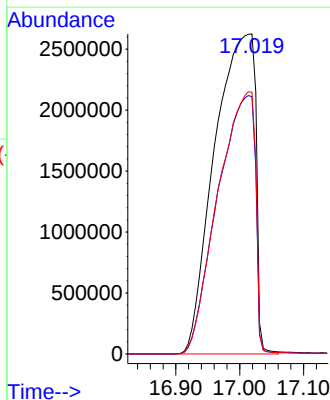
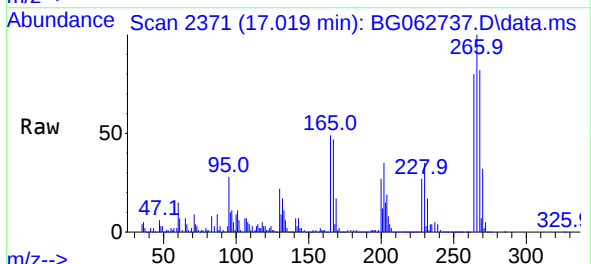
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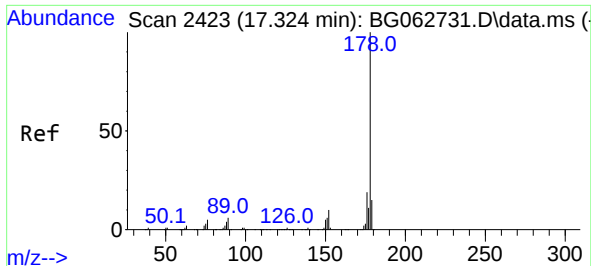
Reviewed By :Yogesh Patel 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#71
Pentachlorophenol
Concen: 2423.091 ng/ul m
RT: 17.019 min Scan# 2371
Delta R.T. 0.089 min
Lab File: BG062737.D
Acq: 11 Sep 2024 15:48

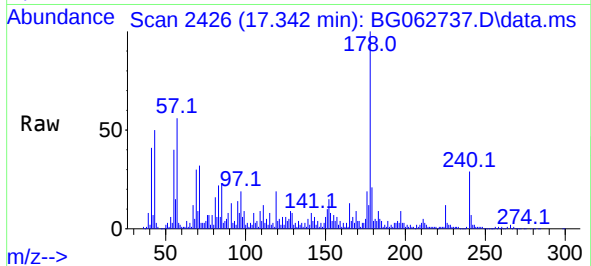
Tgt Ion:266 Resp:11670063
Ion Ratio Lower Upper
266 100
264 80.4 48.6 72.8#
268 81.8 49.5 74.3#





#72
Phenanthrene
Concen: 7.726 ng/u1
RT: 17.342 min Scan# 2423
Delta R.T. 0.019 min
Lab File: BG062737.D
Acq: 11 Sep 2024 15:48

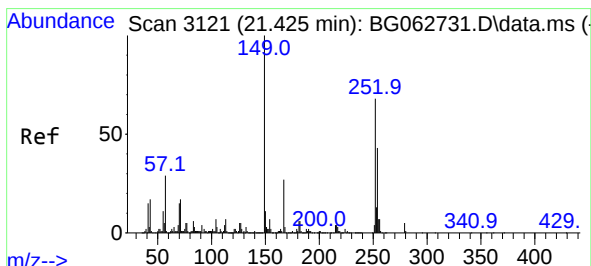
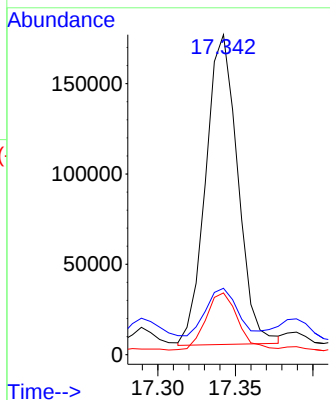
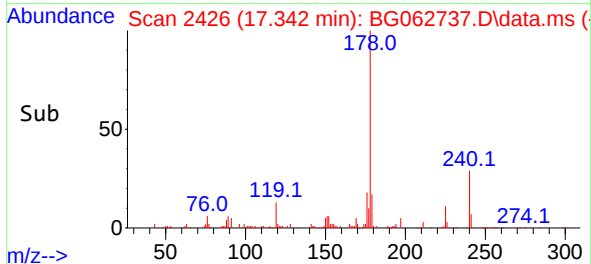
Instrument :
BNA_G
ClientSampleId :
DCVY4



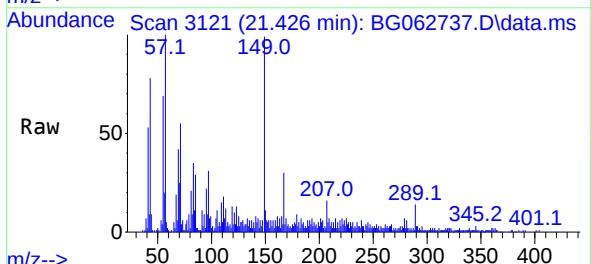
Tgt Ion:178 Resp: 246230
Ion Ratio Lower Upper
178 100
179 20.8 12.1 18.1
176 19.3 14.9 22.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.039 ng/u1
RT: 21.426 min Scan# 3121
Delta R.T. 0.001 min
Lab File: BG062737.D
Acq: 11 Sep 2024 15:48



Tgt Ion:149 Resp: 56119
Ion Ratio Lower Upper
149 100
167 30.2 21.3 31.9
279 7.4 3.8 5.6#

