

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG063016.D
 Acq On : 24 Sep 2024 6:58
 Operator : RC/JU
 Sample : P3879-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC53

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/26/2024

Quant Time: Sep 24 08:01:50 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	7.865	152	23594	20.000	ng/ul	0.01
20) Naphthalene-d8	10.662	136	93407	20.000	ng/ul	# 0.02
38) Acenaphthene-d10	14.505	164	77102	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.260	188	172424	20.000	ng/ul	# 0.02
79) Chrysene-d12	21.490	240	142133	20.000	ng/ul	# 0.00
88) Perylene-d12	24.534	264	227274	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.324	96	3051	3.788	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.201	99	59745m	24.403	ng/ul	0.17
9) Bis-(2-Chloroethyl)eth...	7.201	67	47254	34.490	ng/ul	0.02
11) 2-Chlorophenol-d4	7.483	132	57977m	36.070	ng/ul	0.09
15) 4-Methylphenol-d8	8.658	113	62092m	34.621	ng/ul	0.09
21) Nitrobenzene-d5	9.034	128	33245	44.675	ng/ul	0.03
24) 2-Nitrophenol-d4	9.751	143	37030	43.863	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.333	165	70340	40.158	ng/ul	0.06
31) 4-Chloroaniline-d4	10.785	131	20358	9.339	ng/ul	0.00
46) Dimethylphthalate-d6	13.929	166	228867	39.917	ng/ul	0.04
49) Acenaphthylene-d8	14.199	160	235696	36.806	ng/ul	0.02
54) 4-Nitrophenol-d4	14.798	143	22765m	24.777	ng/ul	0.11
60) Fluorene-d10	15.497	176	182481	34.181	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.621	200	72692m	69.742	ng/ul	0.02
73) Anthracene-d10	17.360	188	323227	39.665	ng/ul	0.02
81) Pyrene-d10	19.640	212	434162	50.434	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.322	264	467121	38.972	ng/ul	0.01
Target Compounds						
					Qvalue	
23) Isophorone	9.616	82	1406229m	319.626	ng/ul	
29) 2,4-Dichlorophenol	10.368	162	50065	28.874	ng/ul	97
30) Naphthalene	10.715	128	579146	111.666	ng/ul#	95
36) 2-Methylnaphthalene	12.325	142	220254	58.932	ng/ul	96
37) 1-Methylnaphthalene	12.542	142	132290	34.975	ng/ul#	95
41) 2,4,6-Trichlorophenol	12.995	196	55171m	32.401	ng/ul	
42) 2,4,5-Trichlorophenol	13.071	196	52768	29.499	ng/ul	86
43) 1,1'-Biphenyl	13.335	154	22165	3.870	ng/ul#	83
47) Dimethylphthalate	13.970	163	11513	1.963	ng/ul#	82
52) Acenaphthene	14.569	153	6924	1.414	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.180	232	2998230	1862.562	ng/ul	93
61) Fluorene	15.550	166	12056	2.170	ng/ul#	95
71) Pentachlorophenol	16.978	266	8994812	7127.050	ng/ul#	77
72) Phenanthrene	17.301	178	36640	4.000	ng/ul#	90

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

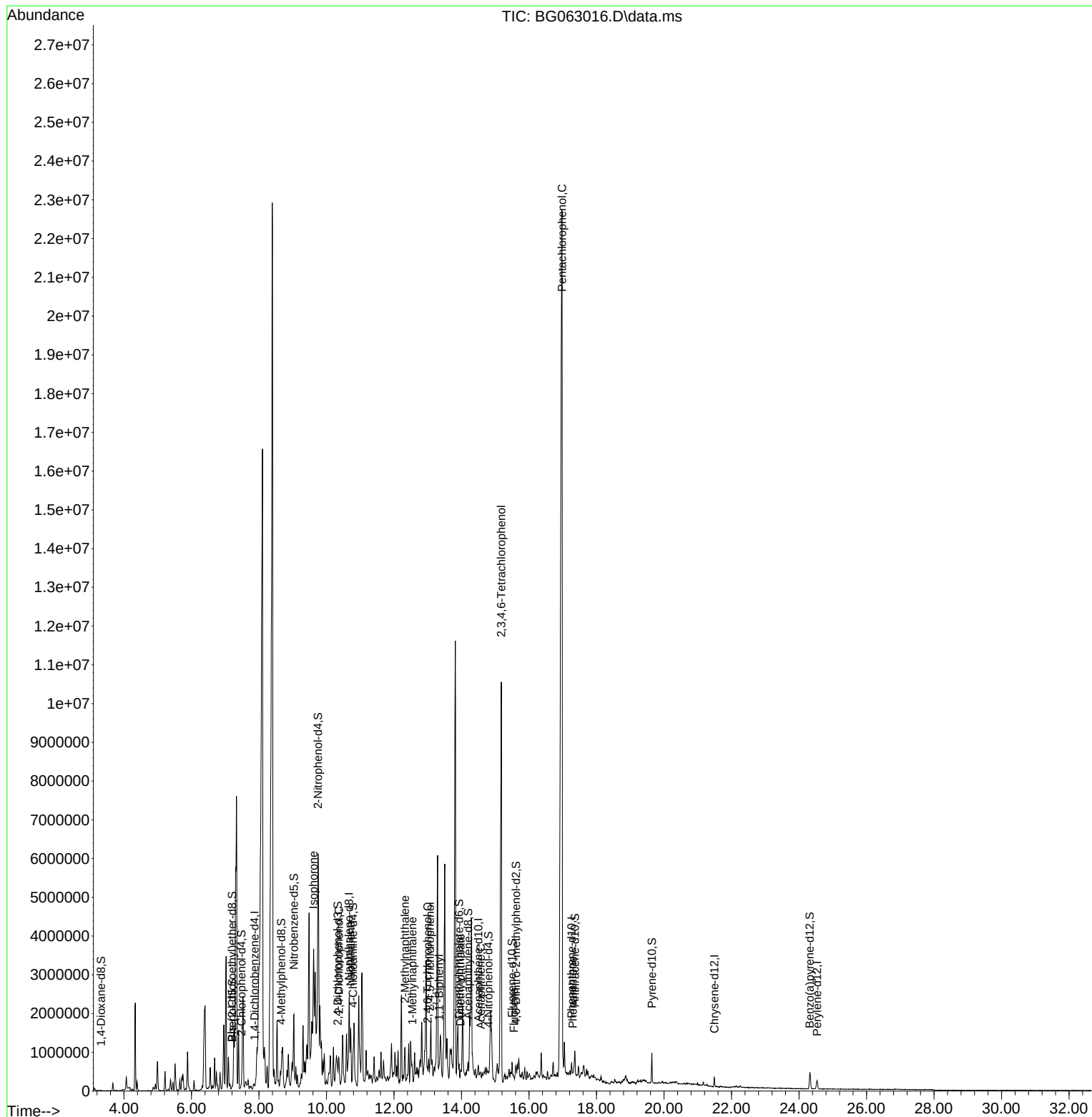
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063016.D
Acq On : 24 Sep 2024 6:58
Operator : RC/JU
Sample : P3879-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

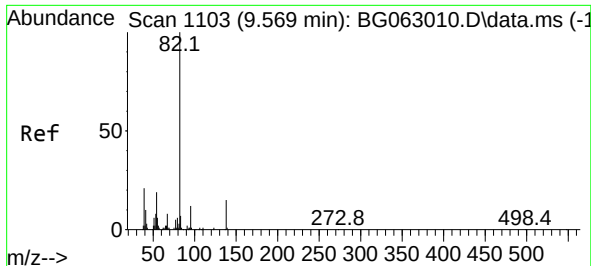
Instrument :
BNA_G
ClientSampleId :
DDC53

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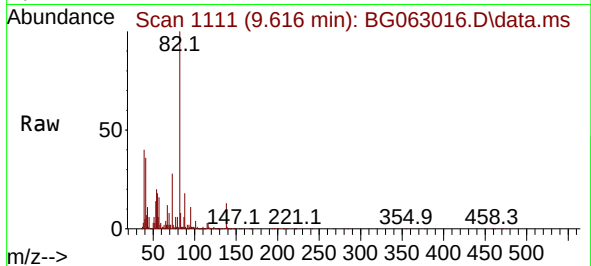
Quant Time: Sep 24 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
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#23
Isophorone
Concen: 319.626 ng/ul m
RT: 9.616 min Scan# 1111
Delta R.T. 0.047 min
Lab File: BG063016.D
Acq: 24 Sep 2024 6:58

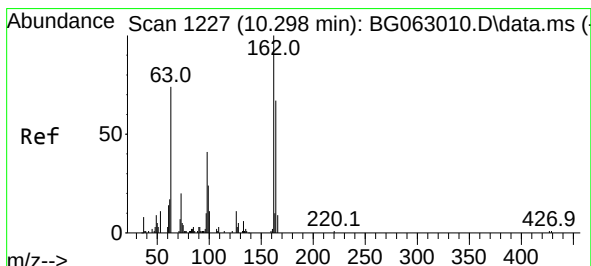
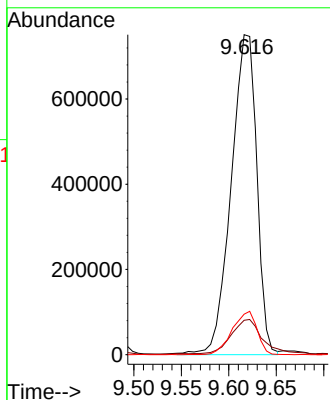
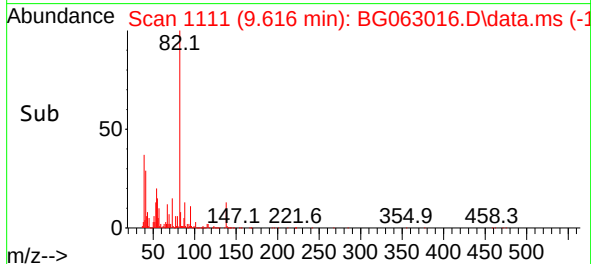
Instrument :
BNA_G
ClientSampleId :
DDC53



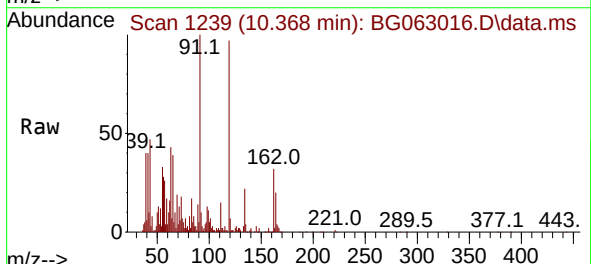
Tgt Ion: 82 Resp: 1406229
Ion Ratio Lower Upper
82 100
95 10.8 6.2 9.4
138 12.6 10.9 16.3

Manual Integrations
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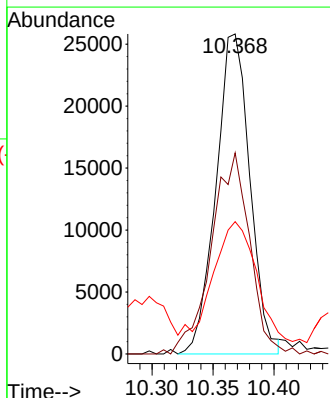
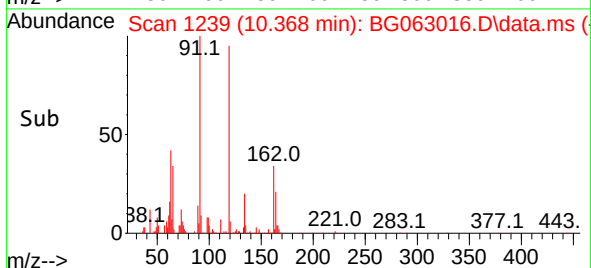
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024

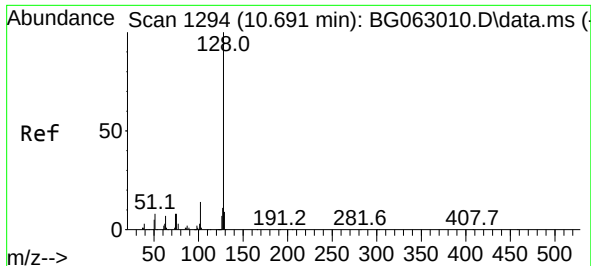


#29
2,4-Dichlorophenol
Concen: 28.874 ng/ul
RT: 10.368 min Scan# 1239
Delta R.T. 0.070 min
Lab File: BG063016.D
Acq: 24 Sep 2024 6:58



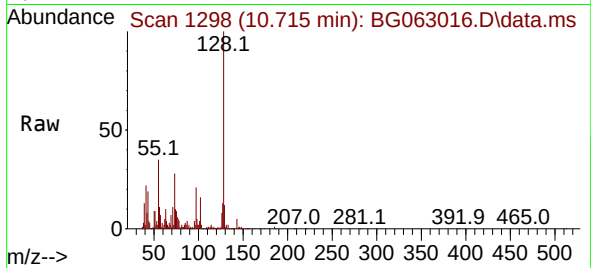
Tgt Ion:162 Resp: 50065
Ion Ratio Lower Upper
162 100
164 62.8 48.8 73.2
98 41.4 30.7 46.1





#30
Naphthalene
Concen: 111.666 ng/ul
RT: 10.715 min Scan# 11
Delta R.T. 0.017 min
Lab File: BG063016.D
Acq: 24 Sep 2024 6:58

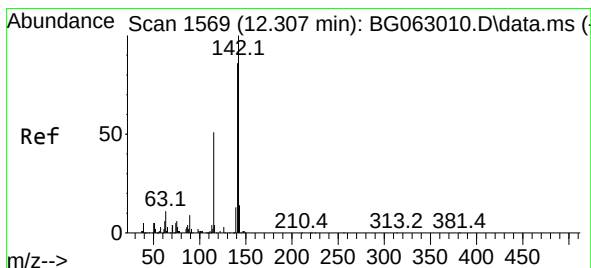
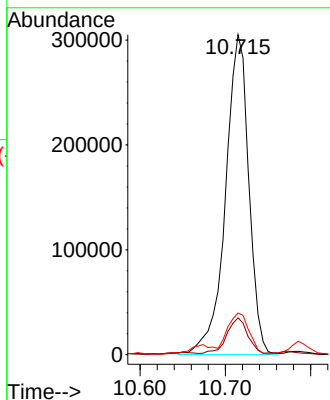
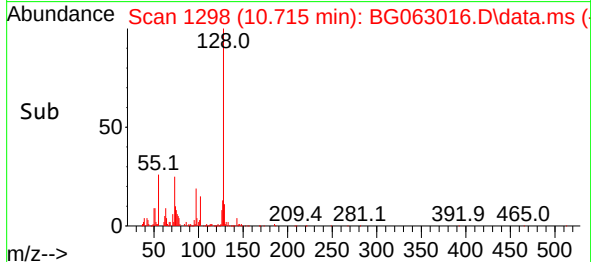
Instrument :
BNA_G
ClientSampleId :
DDC53



Tgt Ion:128 Resp: 579140
Ion Ratio Lower Upper
128 100
129 11.5 7.1 10.7
127 13.0 9.4 14.2

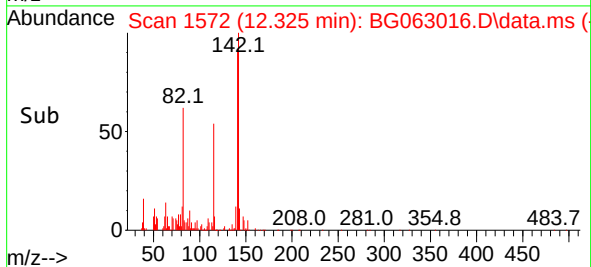
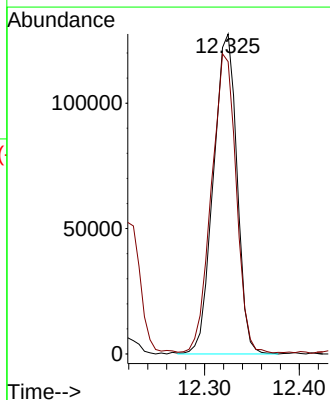
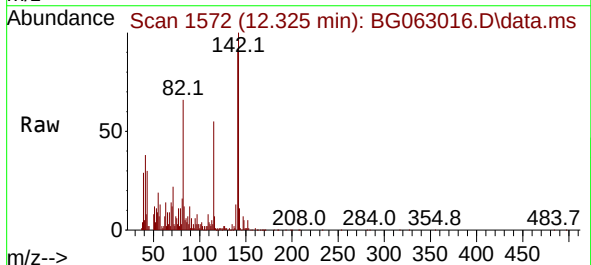
Manual Integrations
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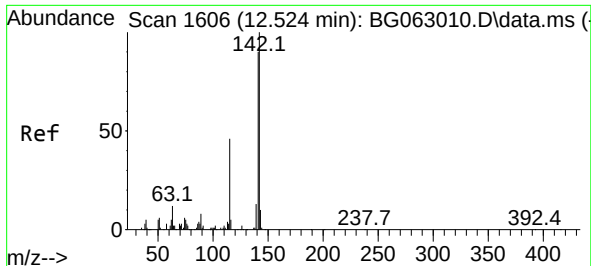
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



#36
2-Methylnaphthalene
Concen: 58.932 ng/ul
RT: 12.325 min Scan# 1572
Delta R.T. 0.017 min
Lab File: BG063016.D
Acq: 24 Sep 2024 6:58

Tgt Ion:142 Resp: 220254
Ion Ratio Lower Upper
142 100
141 91.4 76.5 114.7





#37

1-Methylnaphthalene

Concen: 34.975 ng/ul

RT: 12.542 min Scan# 1

Delta R.T. 0.017 min

Lab File: BG063016.D

Acq: 24 Sep 2024 6:58

Instrument :

BNA_G

ClientSampleId :

DDC53

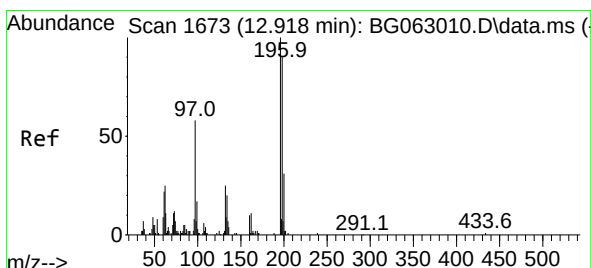
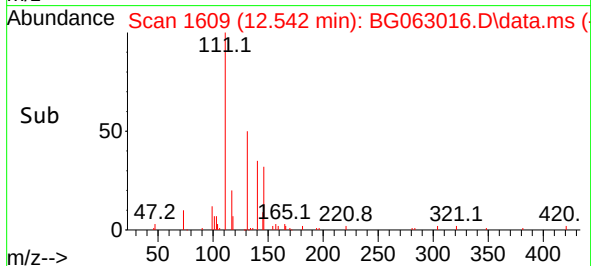
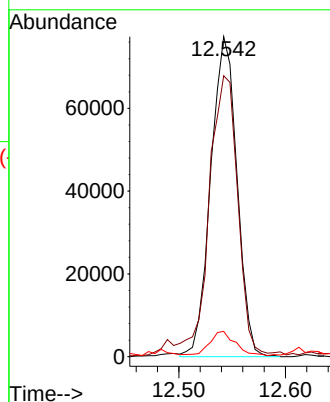
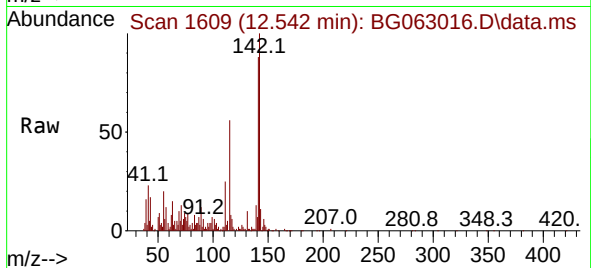
Tgt Ion:142 Resp: 132290
 Ion Ratio Lower Upper
 142 100
 141 87.8 74.1 111.1
 116 7.9 3.6 5.4

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#41

2,4,6-Trichlorophenol

Concen: 32.401 ng/ul m

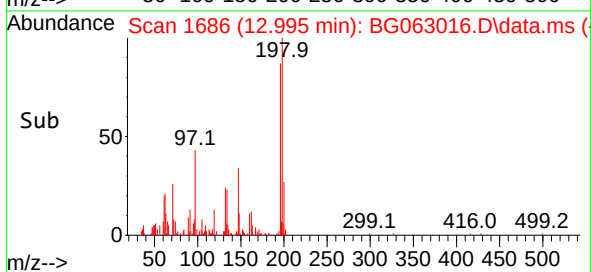
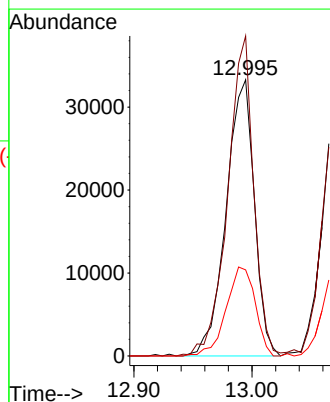
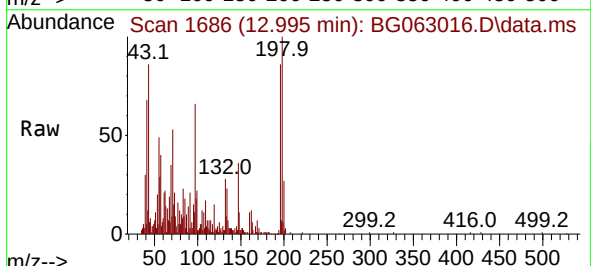
RT: 12.995 min Scan# 1686

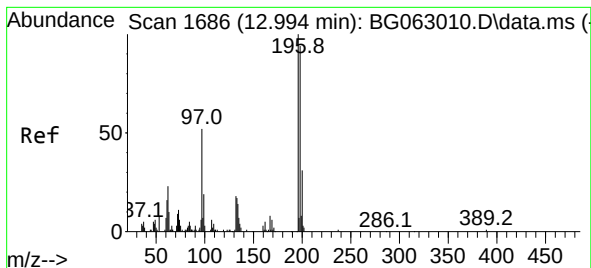
Delta R.T. 0.076 min

Lab File: BG063016.D

Acq: 24 Sep 2024 6:58

Tgt Ion:196 Resp: 55171
 Ion Ratio Lower Upper
 196 100
 198 115.9 81.8 122.6
 200 31.2 30.5 45.7





#42

2,4,5-Trichlorophenol

Concen: 29.499 ng/ul

RT: 13.071 min Scan# 1

Delta R.T. 0.076 min

Lab File: BG063016.D

Acq: 24 Sep 2024 6:58

Instrument :

BNA_G

ClientSampleId :

DDC53

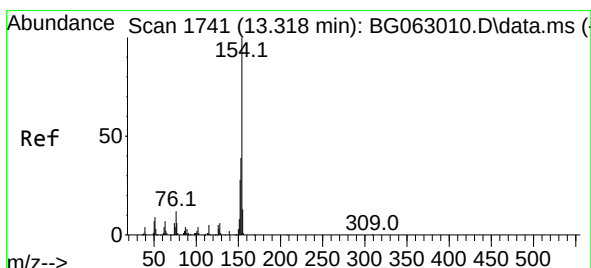
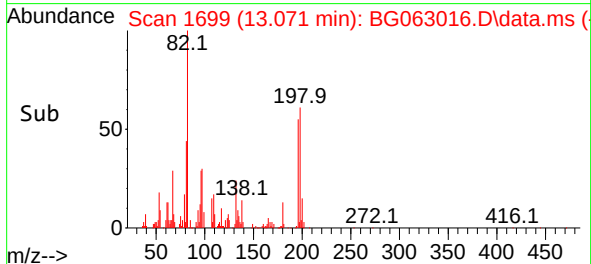
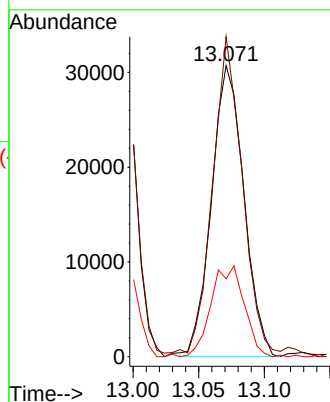
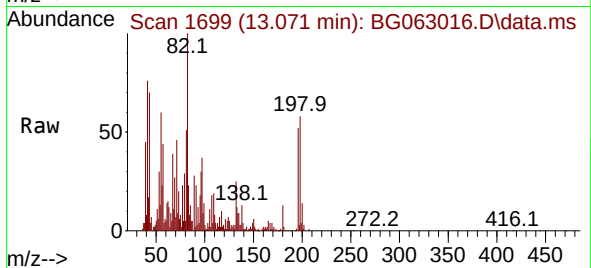
Tgt Ion	Ratio	Lower	Upper
196	100		
198	109.9	75.5	113.3
200	26.8	25.5	38.3

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Supervised By :mohammad ahmed 09/26/2024



#43

1,1'-Biphenyl

Concen: 3.870 ng/ul

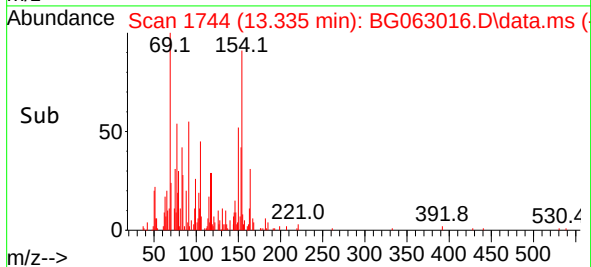
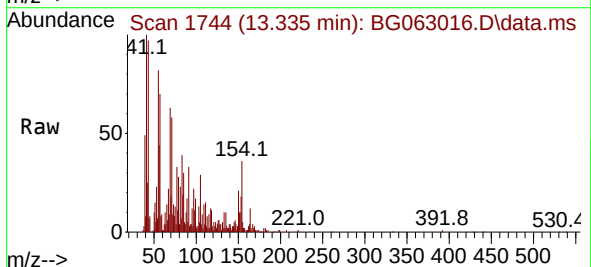
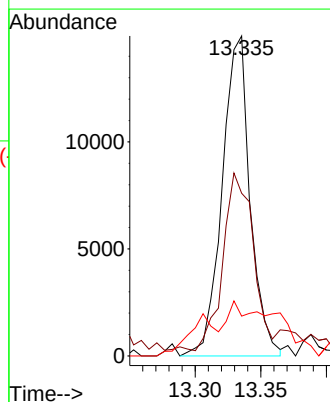
RT: 13.335 min Scan# 1744

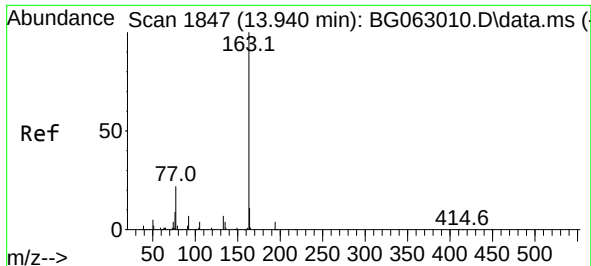
Delta R.T. 0.017 min

Lab File: BG063016.D

Acq: 24 Sep 2024 6:58

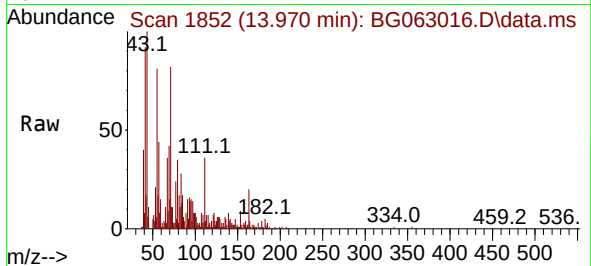
Tgt Ion	Ratio	Lower	Upper
154	100		
153	50.9	30.3	45.5
76	12.5	11.9	17.9





#47
Dimethylphthalate
Concen: 1.963 ng/ul
RT: 13.970 min Scan# 1852
Delta R.T. 0.029 min
Lab File: BG063016.D
Acq: 24 Sep 2024 6:58

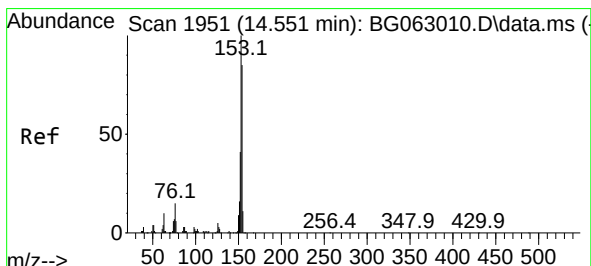
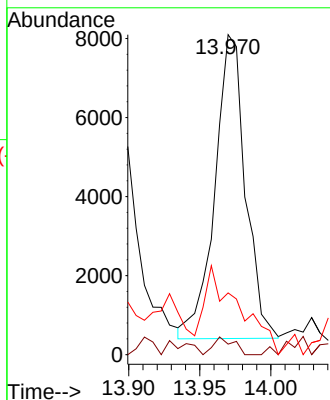
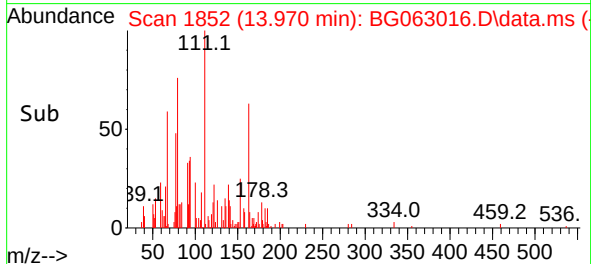
Instrument :
BNA_G
ClientSampleId :
DDC53



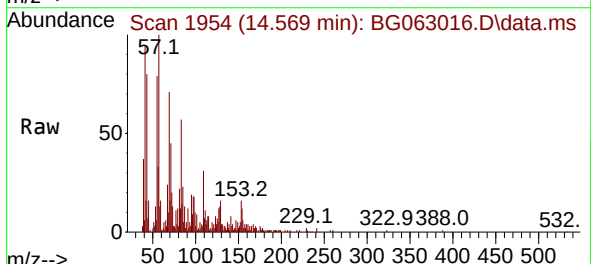
Tgt Ion:163 Resp: 1151
Ion Ratio Lower Upper
163 100
194 3.3 2.9 4.3
164 19.3 8.2 12.4

Manual Integrations
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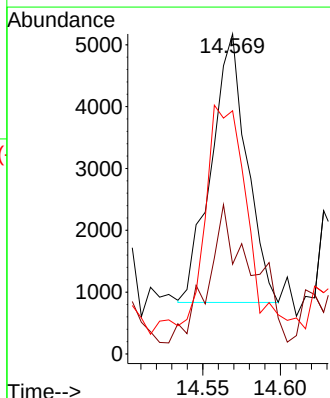
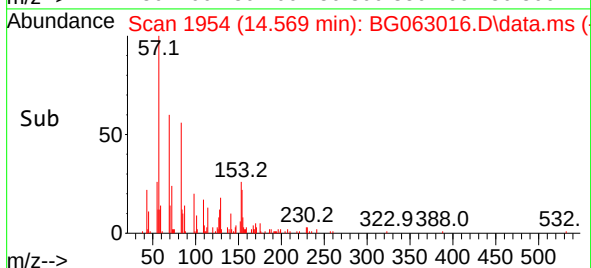
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024

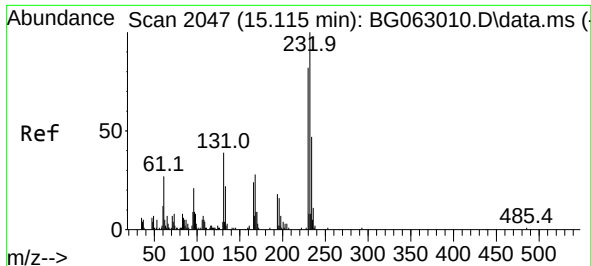


#52
Acenaphthene
Concen: 1.414 ng/ul
RT: 14.569 min Scan# 1954
Delta R.T. 0.017 min
Lab File: BG063016.D
Acq: 24 Sep 2024 6:58



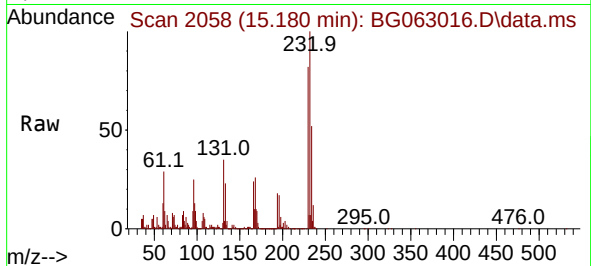
Tgt Ion:153 Resp: 6924
Ion Ratio Lower Upper
153 100
152 28.1 35.8 53.8#
154 76.0 69.5 104.3





#58
2,3,4,6-Tetrachlorophenol
Concen: 1862.562 ng/ul
RT: 15.180 min Scan# 2047
Delta R.T. 0.064 min
Lab File: BG063016.D
Acq: 24 Sep 2024 6:58

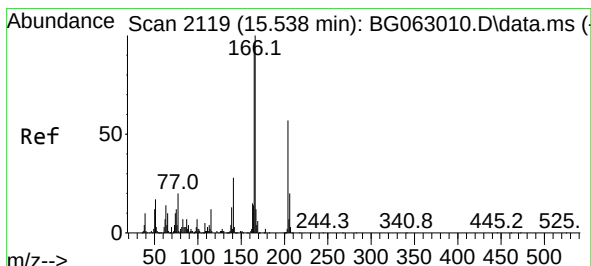
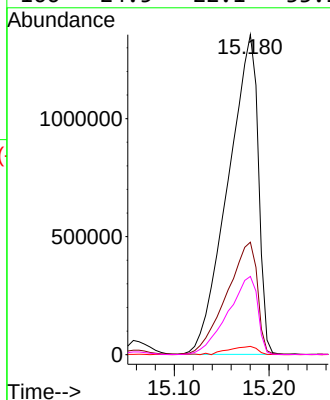
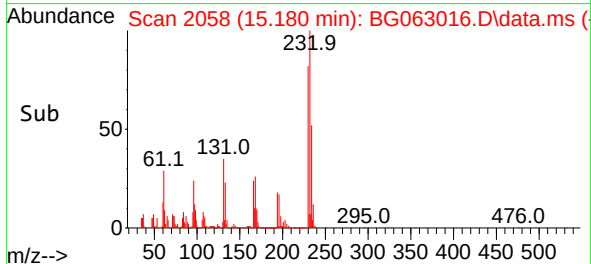
Instrument :
BNA_G
ClientSampleId :
DDC53



Tgt Ion:232 Resp: 2998230
Ion Ratio Lower Upper
232 100
131 35.2 31.9 47.9
130 2.6 1.9 2.9
166 24.5 22.1 33.1

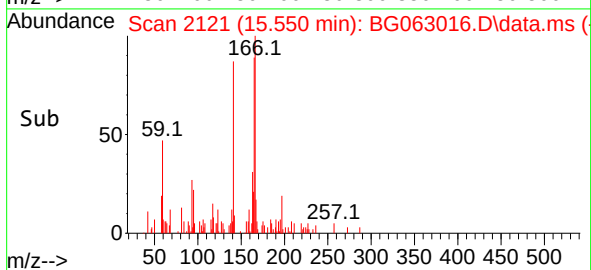
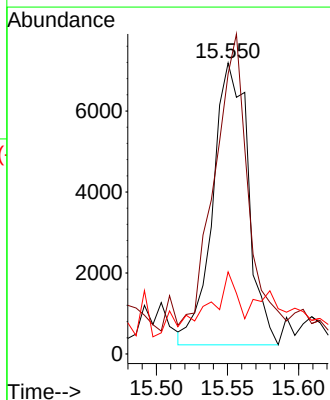
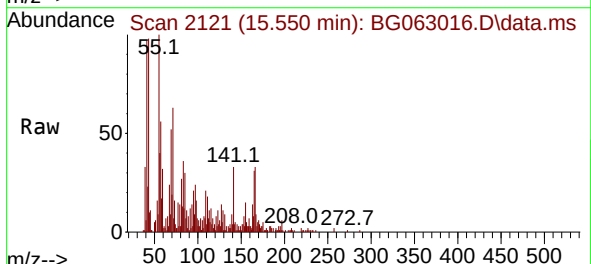
Manual Integrations
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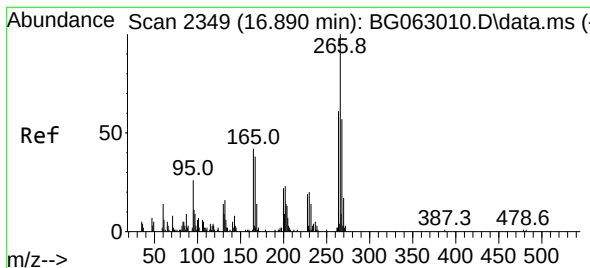
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



#61
Fluorene
Concen: 2.170 ng/ul
RT: 15.550 min Scan# 2121
Delta R.T. 0.012 min
Lab File: BG063016.D
Acq: 24 Sep 2024 6:58

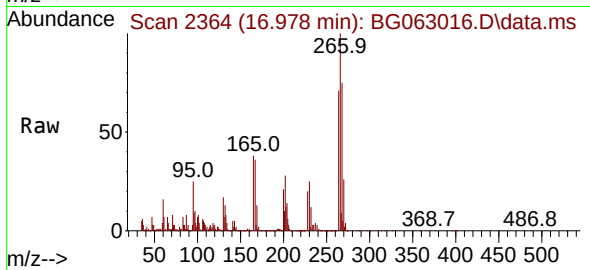
Tgt Ion:166 Resp: 12056
Ion Ratio Lower Upper
166 100
165 96.2 77.2 115.8
167 28.2 10.8 16.2#





#71
Pentachlorophenol
Concen: 7127.050 ng/u1
RT: 16.978 min Scan# 21
Delta R.T. 0.088 min
Lab File: BG063016.D
Acq: 24 Sep 2024 6:58

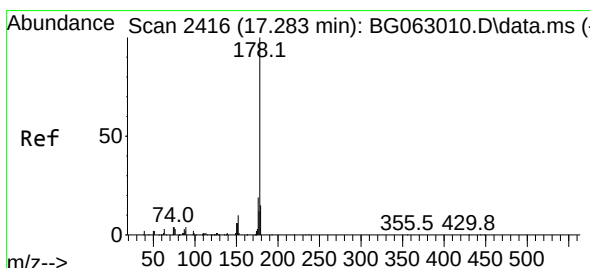
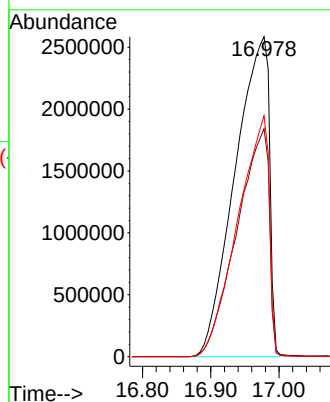
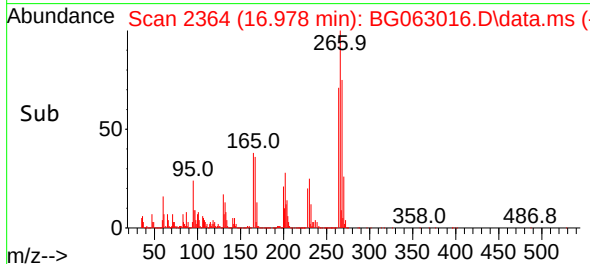
Instrument :
BNA_G
ClientSampleId :
DDC53



Tgt Ion:266 Resp: 899481
Ion Ratio Lower Upper
266 100
264 71.2 43.0 64.4#
268 75.3 47.2 70.8#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



#72
Phenanthrene
Concen: 4.000 ng/u1
RT: 17.301 min Scan# 2419
Delta R.T. 0.023 min
Lab File: BG063016.D
Acq: 24 Sep 2024 6:58

Tgt Ion:178 Resp: 36640
Ion Ratio Lower Upper
178 100
179 19.9 12.3 18.5#
176 15.1 15.5 23.3#

