

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062792.D
 Acq On : 13 Sep 2024 17:40
 Operator : JU/RC
 Sample : P3898-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC14

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 13 23:41:58 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.908	152	64254	20.000	ng/u1	0.00
20) Naphthalene-d8	10.699	136	258975	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.536	164	215555	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.297	188	477457	20.000	ng/u1	0.02
79) Chrysene-d12	21.522	240	500009	20.000	ng/u1	0.00
88) Perylene-d12	24.583	264	568287	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	4931	3.469	ng/uL	0.00
4) Pyridine-d5	3.772	84	78086	17.258	ng/u1	0.00
7) Phenol-d5	7.092	99	110285	19.574	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.233	67	87104	25.786	ng/u1	0.00
11) 2-Chlorophenol-d4	7.450	132	82731	20.158	ng/u1	0.01
15) 4-Methylphenol-d8	8.619	113	93765	19.970	ng/u1	0.00
21) Nitrobenzene-d5	9.060	128	48989	26.467	ng/u1	0.00
24) 2-Nitrophenol-d4	9.783	143	52449	25.910	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.335	165	107874	24.470	ng/u1	0.01
31) 4-Chloroaniline-d4	10.817	131	87842	14.496	ng/u1	-0.01
46) Dimethylphthalate-d6	13.942	166	324398	19.543	ng/u1	0.00
49) Acenaphthylene-d8	14.230	160	386858	20.985	ng/u1	0.00
54) 4-Nitrophenol-d4	14.747	143	56755	20.127	ng/u1	0.01
60) Fluorene-d10	15.529	176	294241	19.671	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	53126	19.344	ng/u1	0.00
73) Anthracene-d10	17.391	188	477070	21.172	ng/u1	0.01
81) Pyrene-d10	19.671	212	578179	20.549	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.371	264	622996	20.762	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.752	128	356303	25.660	ng/u1	98
36) 2-Methylnaphthalene	12.356	142	469625	45.825	ng/u1	93
37) 1-Methylnaphthalene	12.579	142	298424	28.428	ng/u1	96
41) 2,4,6-Trichlorophenol	12.973	196	12832	2.859	ng/u1	96
42) 2,4,5-Trichlorophenol	13.055	196	12592	2.613	ng/u1	88
43) 1,1'-Biphenyl	13.367	154	61110	4.032	ng/u1	90
52) Acenaphthene	14.600	153	29548	2.143	ng/u1#	82
58) 2,3,4,6-Tetrachlorophenol	15.176	232	1880844	385.111	ng/u1#	97
61) Fluorene	15.582	166	45566	2.832	ng/u1#	85
71) Pentachlorophenol	17.021	266	12799690m	3411.324	ng/u1	
72) Phenanthrene	17.338	178	185034	7.452	ng/u1#	93
86) Bis(2-ethylhexyl)phtha...	21.422	149	16617	1.133	ng/u1#	77

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

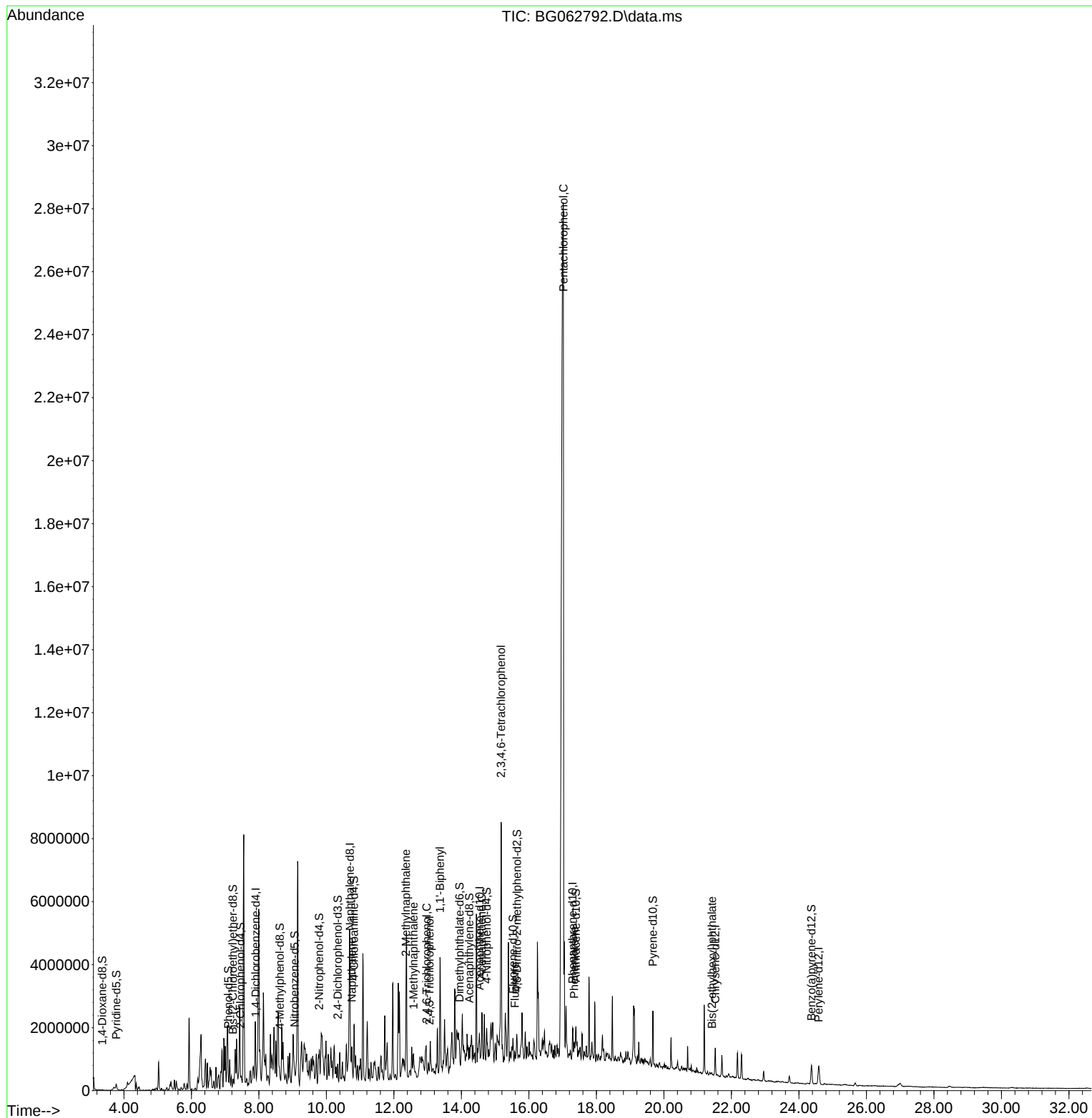
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062792.D
Acq On : 13 Sep 2024 17:40
Operator : JU/RC
Sample : P3898-03
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ALS Vial : 5 Sample Multiplier: 1

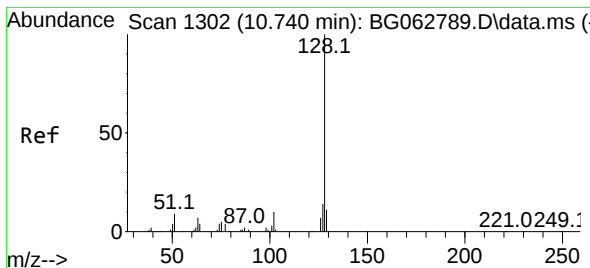
Instrument :
BNA_G
ClientSampleId :
DDC14

Quant Time: Sep 13 23:41:58 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

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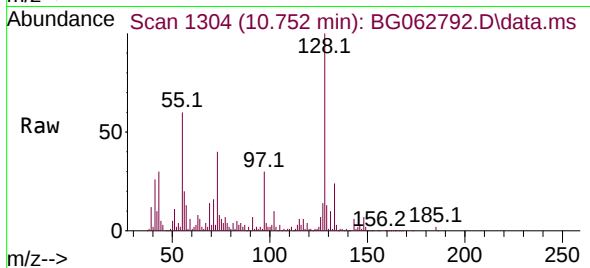
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024





#30
Naphthalene
Concen: 25.660 ng/ul
RT: 10.752 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG062792.D
Acq: 13 Sep 2024 17:40

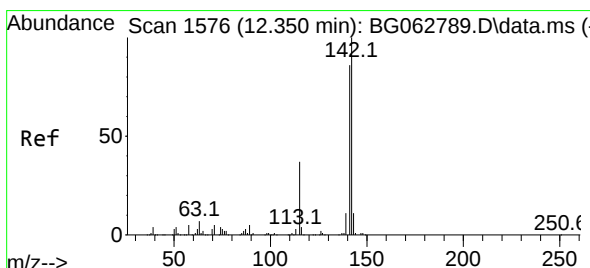
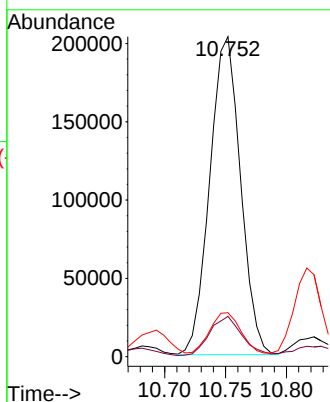
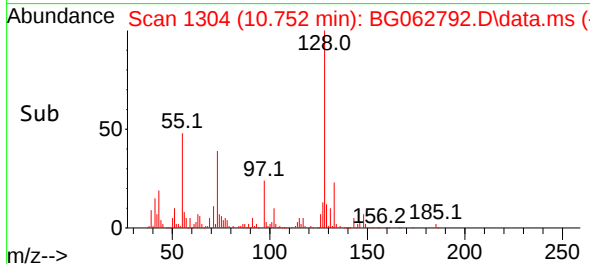
Instrument :
BNA_G
ClientSampleId :
DDC14



Tgt Ion:128 Resp: 35630
Ion Ratio Lower Upper
128 100
129 12.6 9.0 13.6
127 13.8 10.7 16.1

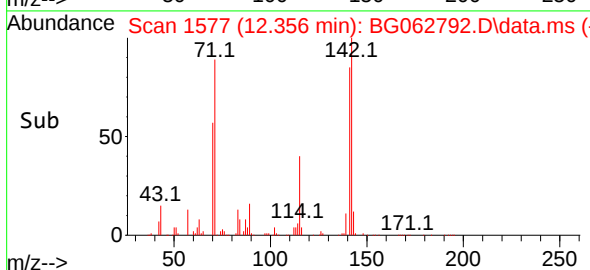
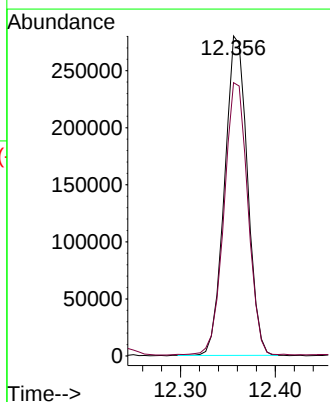
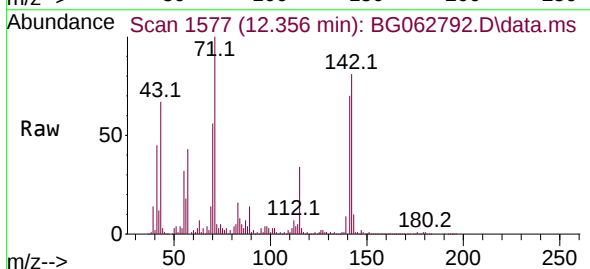
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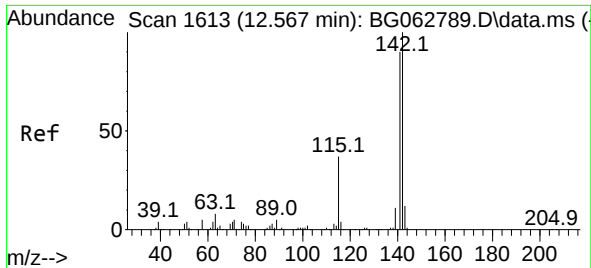
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#36
2-Methylnaphthalene
Concen: 45.825 ng/ul
RT: 12.356 min Scan# 1577
Delta R.T. -0.003 min
Lab File: BG062792.D
Acq: 13 Sep 2024 17:40

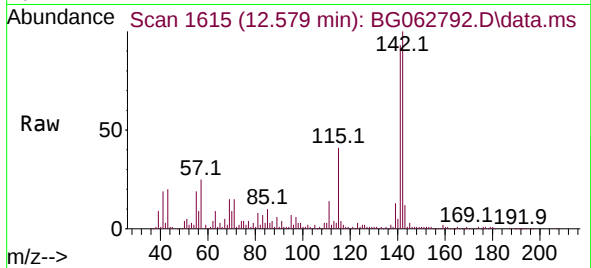
Tgt Ion:142 Resp: 469625
Ion Ratio Lower Upper
142 100
141 85.4 73.4 110.2





#37
1-Methylnaphthalene
Concen: 28.428 ng/ul
RT: 12.579 min Scan# 1613
Delta R.T. 0.003 min
Lab File: BG062792.D
Acq: 13 Sep 2024 17:40

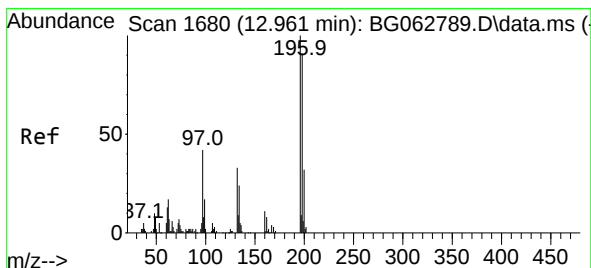
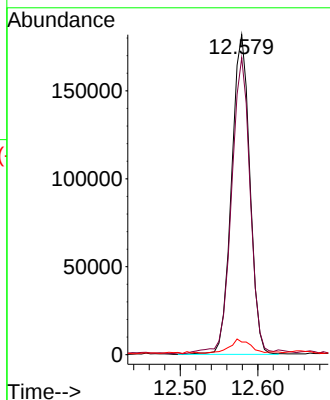
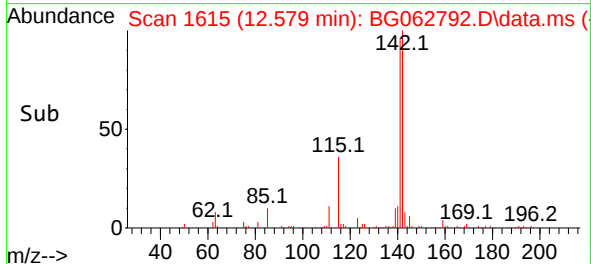
Instrument :
BNA_G
ClientSampleId :
DDC14



Tgt Ion:142 Resp: 298424
Ion Ratio Lower Upper
142 100
141 92.8 71.1 106.7
116 4.0 3.0 4.6

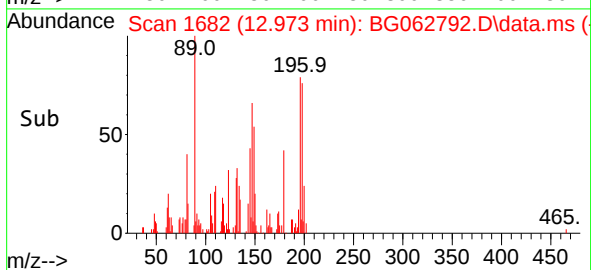
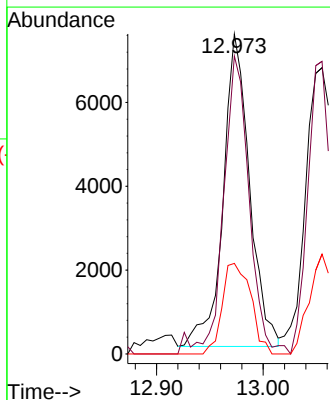
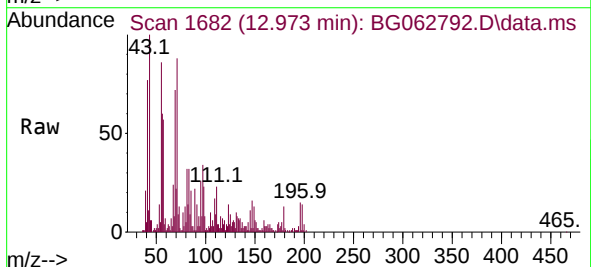
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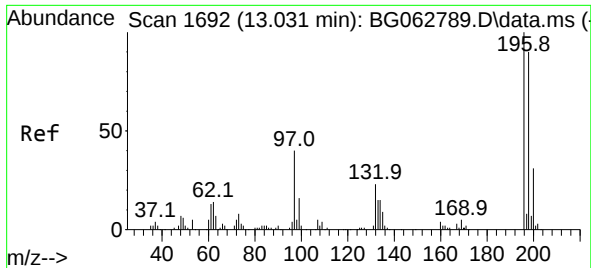
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#41
2,4,6-Trichlorophenol
Concen: 2.859 ng/ul
RT: 12.973 min Scan# 1682
Delta R.T. 0.009 min
Lab File: BG062792.D
Acq: 13 Sep 2024 17:40

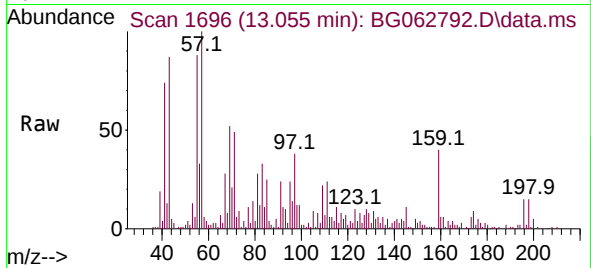
Tgt Ion:196 Resp: 12832
Ion Ratio Lower Upper
196 100
198 93.1 76.2 114.4
200 28.3 26.0 39.0





#42
2,4,5-Trichlorophenol
Concen: 2.613 ng/ul
RT: 13.055 min Scan# 1696
Delta R.T. 0.015 min
Lab File: BG062792.D
Acq: 13 Sep 2024 17:40

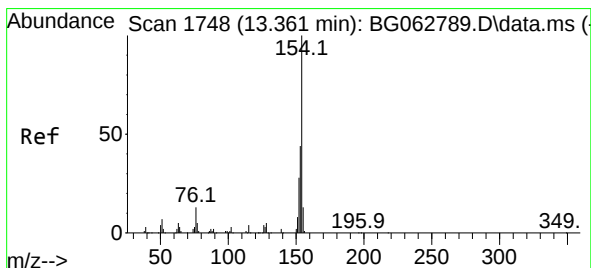
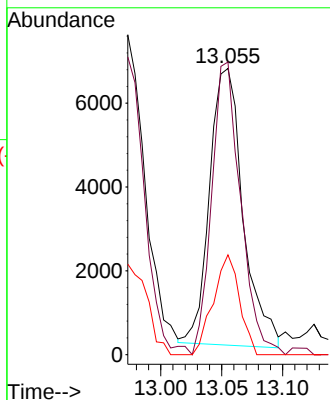
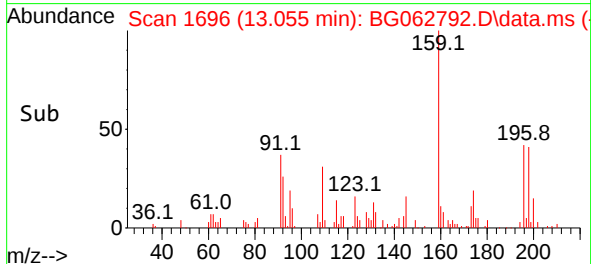
Instrument :
BNA_G
ClientSampleId :
DDC14



Tgt Ion:196 Resp: 12592
Ion Ratio Lower Upper
196 100
198 102.2 71.2 106.8
200 34.9 24.6 37.0

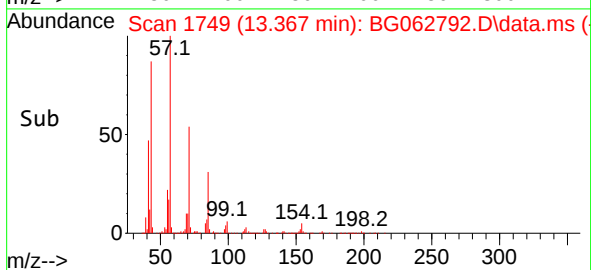
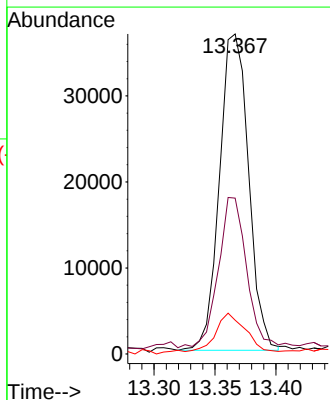
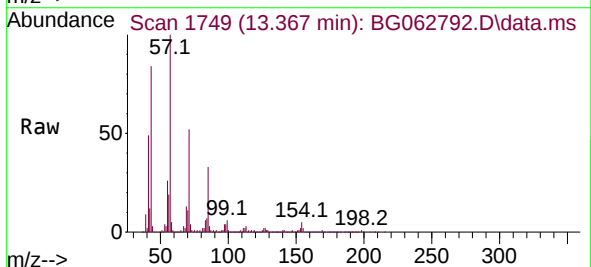
Manual Integrations
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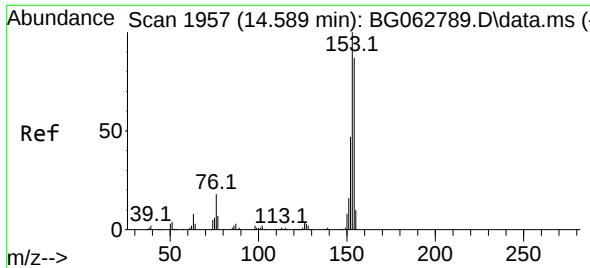
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#43
1,1'-Biphenyl
Concen: 4.032 ng/ul
RT: 13.367 min Scan# 1749
Delta R.T. 0.003 min
Lab File: BG062792.D
Acq: 13 Sep 2024 17:40

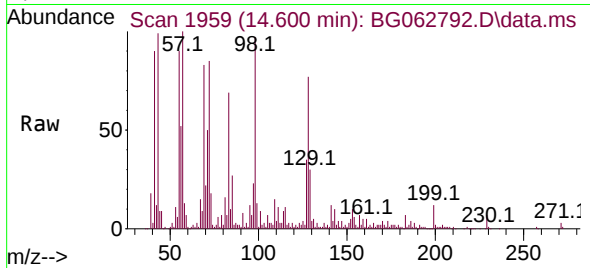
Tgt Ion:154 Resp: 61110
Ion Ratio Lower Upper
154 100
153 48.7 33.4 50.0
76 10.6 10.1 15.1





#52
Acenaphthene
Concen: 2.143 ng/ul
RT: 14.600 min Scan# 1957
Delta R.T. 0.003 min
Lab File: BG062792.D
Acq: 13 Sep 2024 17:40

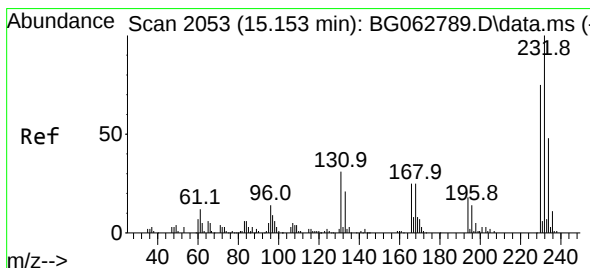
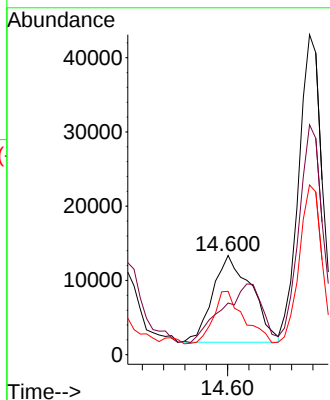
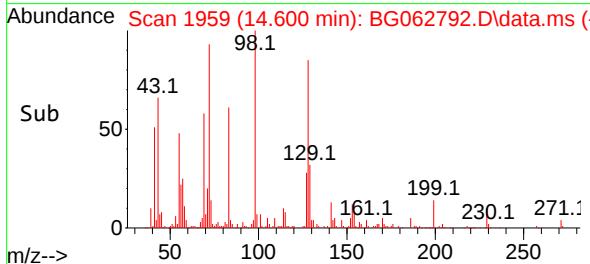
Instrument :
BNA_G
ClientSampleId :
DDC14



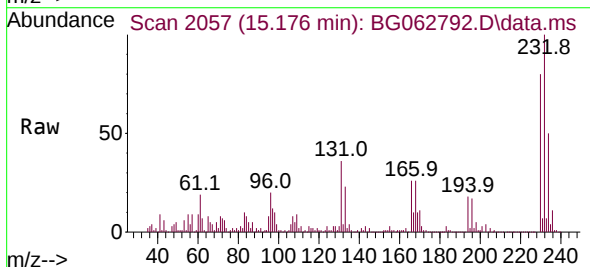
Tgt Ion:153 Resp: 29548
Ion Ratio Lower Upper
153 100
152 52.2 37.2 55.8
154 63.8 67.8 101.6

Manual Integrations
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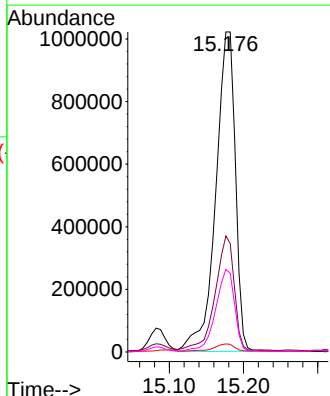
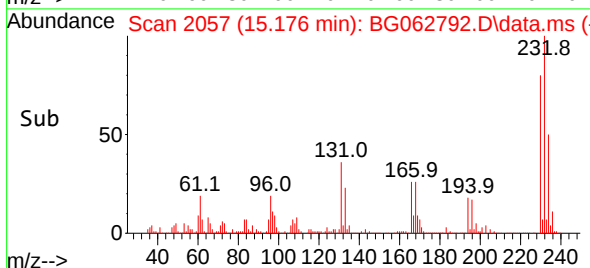
Reviewed By :Yogesh Patel 09/16/2024
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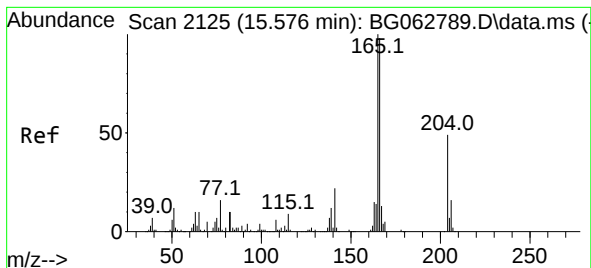


#58
2,3,4,6-Tetrachlorophenol
Concen: 385.111 ng/ul
RT: 15.176 min Scan# 2057
Delta R.T. 0.021 min
Lab File: BG062792.D
Acq: 13 Sep 2024 17:40



Tgt Ion:232 Resp: 1880844
Ion Ratio Lower Upper
232 100
131 36.2 26.6 40.0
130 2.5 1.6 2.4#
166 25.8 20.6 31.0





#61

Fluorene

Concen: 2.832 ng/ul

RT: 15.582 min Scan# 2125

Delta R.T. 0.003 min

Lab File: BG062792.D

Acq: 13 Sep 2024 17:40

Instrument :

BNA_G

ClientSampleId :

DDC14

Tgt Ion:166 Resp: 45560

Ion Ratio Lower Upper

166 100

165 111.3 80.9 121.3

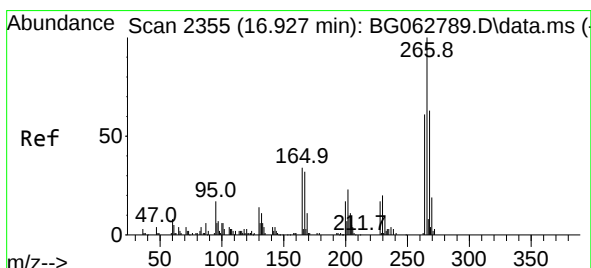
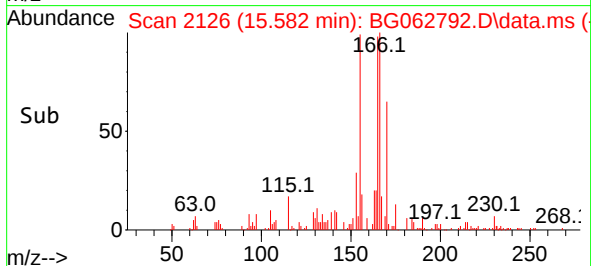
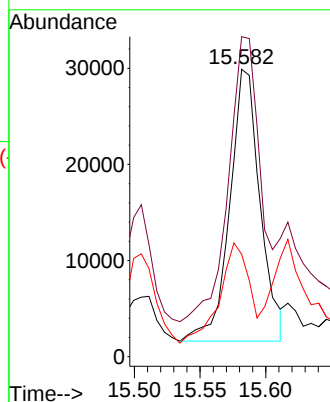
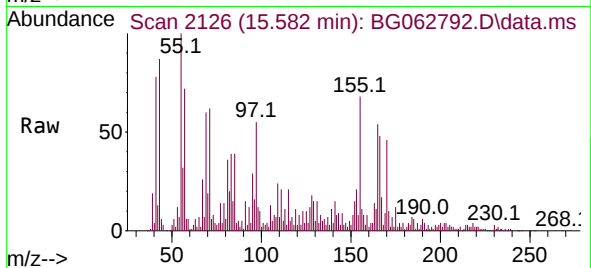
167 35.7 10.9 16.3

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 09/17/2024



#71

Pentachlorophenol

Concen: 3411.324 ng/ul m

RT: 17.021 min Scan# 2371

Delta R.T. 0.091 min

Lab File: BG062792.D

Acq: 13 Sep 2024 17:40

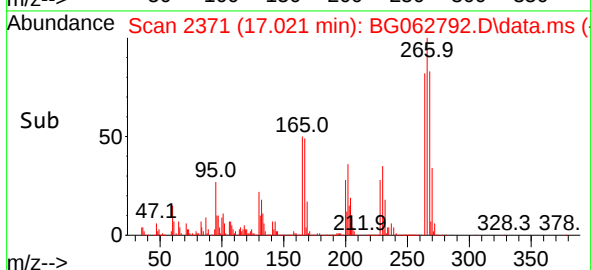
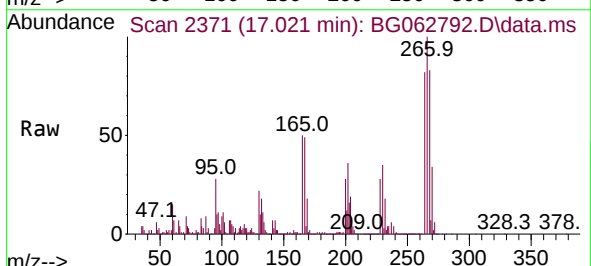
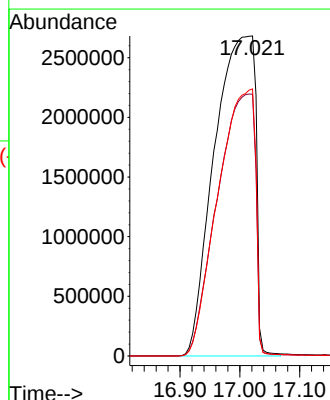
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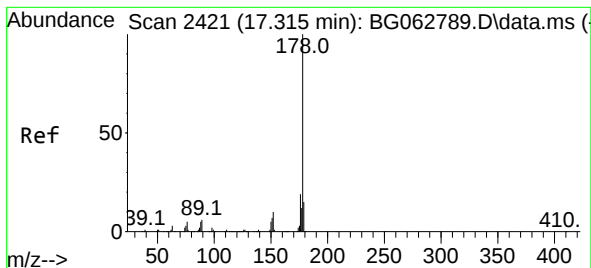
Ion Ratio Lower Upper

266 100

264 81.8 48.6 72.8#

268 83.5 49.5 74.3#





#72

Phenanthrene

Concen: 7.452 ng/ul

RT: 17.338 min Scan# 2421

Delta R.T. 0.015 min

Lab File: BG062792.D

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Instrument :

BNA_G

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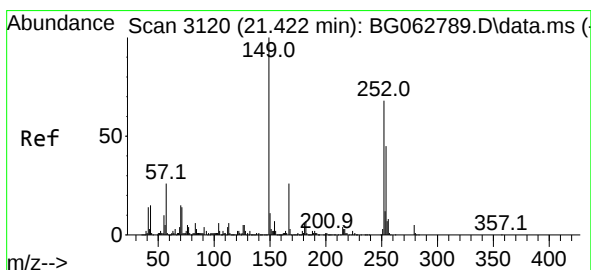
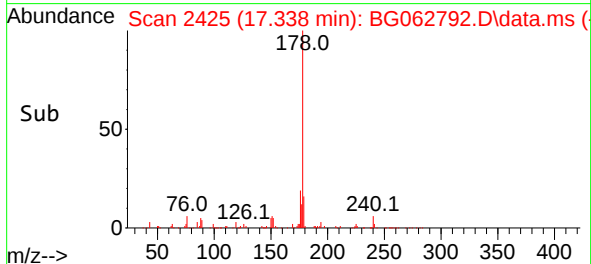
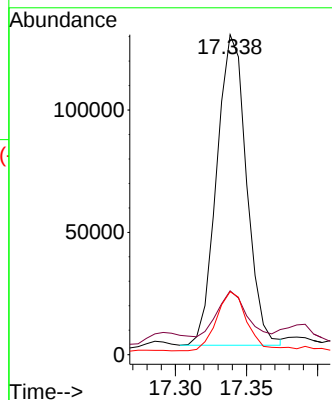
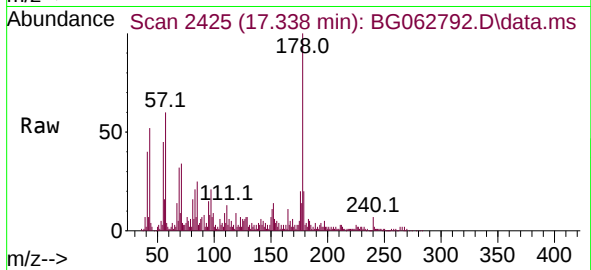
Tgt Ion:178	Resp: 185034
Ion Ratio	Lower Upper
178	100
179	19.9 12.1 18.1
176	19.7 14.9 22.3

Manual Integrations

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Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/17/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.133 ng/ul

RT: 21.422 min Scan# 3120

Delta R.T. -0.003 min

Lab File: BG062792.D

Acq: 13 Sep 2024 17:40

Tgt Ion:149	Resp: 16617
Ion Ratio	Lower Upper
149	100
167	38.9 21.3 31.9#
279	10.1 3.8 5.6#

