

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092724\
 Data File : BG063081.D
 Acq On : 27 Sep 2024 19:47
 Operator : RC/JU
 Sample : P3910-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC08

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/30/2024
 Supervised By :mohammad ahmed 10/01/2024

Quant Time: Sep 28 00:13:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 25 13:16:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	82170	20.000	ng/u1	0.00
20) Naphthalene-d8	10.638	136	344364	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.487	164	294142	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.242	188	743190	20.000	ng/u1	0.00
79) Chrysene-d12	21.484	240	774789	20.000	ng/u1	# 0.00
88) Perylene-d12	24.522	264	894586	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	5012	3.516	ng/uL	0.00
4) Pyridine-d5	3.729	84	44772	12.846	ng/u1	0.00
7) Phenol-d5	7.025	99	122370	24.111	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.178	67	51189	25.817	ng/u1	0.00
11) 2-Chlorophenol-d4	7.383	132	125951	25.257	ng/u1	0.00
15) 4-Methylphenol-d8	8.558	113	115678	25.248	ng/u1	0.00
21) Nitrobenzene-d5	9.005	128	61473m	24.277	ng/u1	0.00
24) 2-Nitrophenol-d4	9.722	143	78776	24.359	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.262	165	159341	23.607	ng/u1	0.00
31) 4-Chloroaniline-d4	10.773	131	163408	20.632	ng/u1	0.00
46) Dimethylphthalate-d6	13.893	166	546565	23.370	ng/u1	0.00
49) Acenaphthylene-d8	14.175	160	623186	25.145	ng/u1	0.00
54) 4-Nitrophenol-d4	14.698	143	82648	23.431	ng/u1	0.00
60) Fluorene-d10	15.485	176	516578	24.107	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.603	200	104404	20.102	ng/u1	0.00
73) Anthracene-d10	17.342	188	929391m	26.066	ng/u1	0.00
81) Pyrene-d10	19.634	212	1155235	26.480	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.322	264	1231460	25.702	ng/u1	0.00
Target Compounds						
					Qvalue	
23) Isophorone	9.563	82	48619	5.267	ng/u1#	92
30) Naphthalene	10.685	128	65875	3.763	ng/u1	97
36) 2-Methylnaphthalene	12.301	142	160098	11.276	ng/u1	96
37) 1-Methylnaphthalene	12.524	142	103996	7.246	ng/u1	92
43) 1,1'-Biphenyl	13.317	154	30245	1.553	ng/u1#	80
58) 2,3,4,6-Tetrachlorophenol	15.121	232	544694	70.568	ng/u1	97
61) Fluorene	15.538	166	31400	1.377	ng/u1#	88
71) Pentachlorophenol	16.919	266	6579401	1040.472	ng/u1	91
72) Phenanthrene	17.283	178	144735	3.778	ng/u1#	94

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

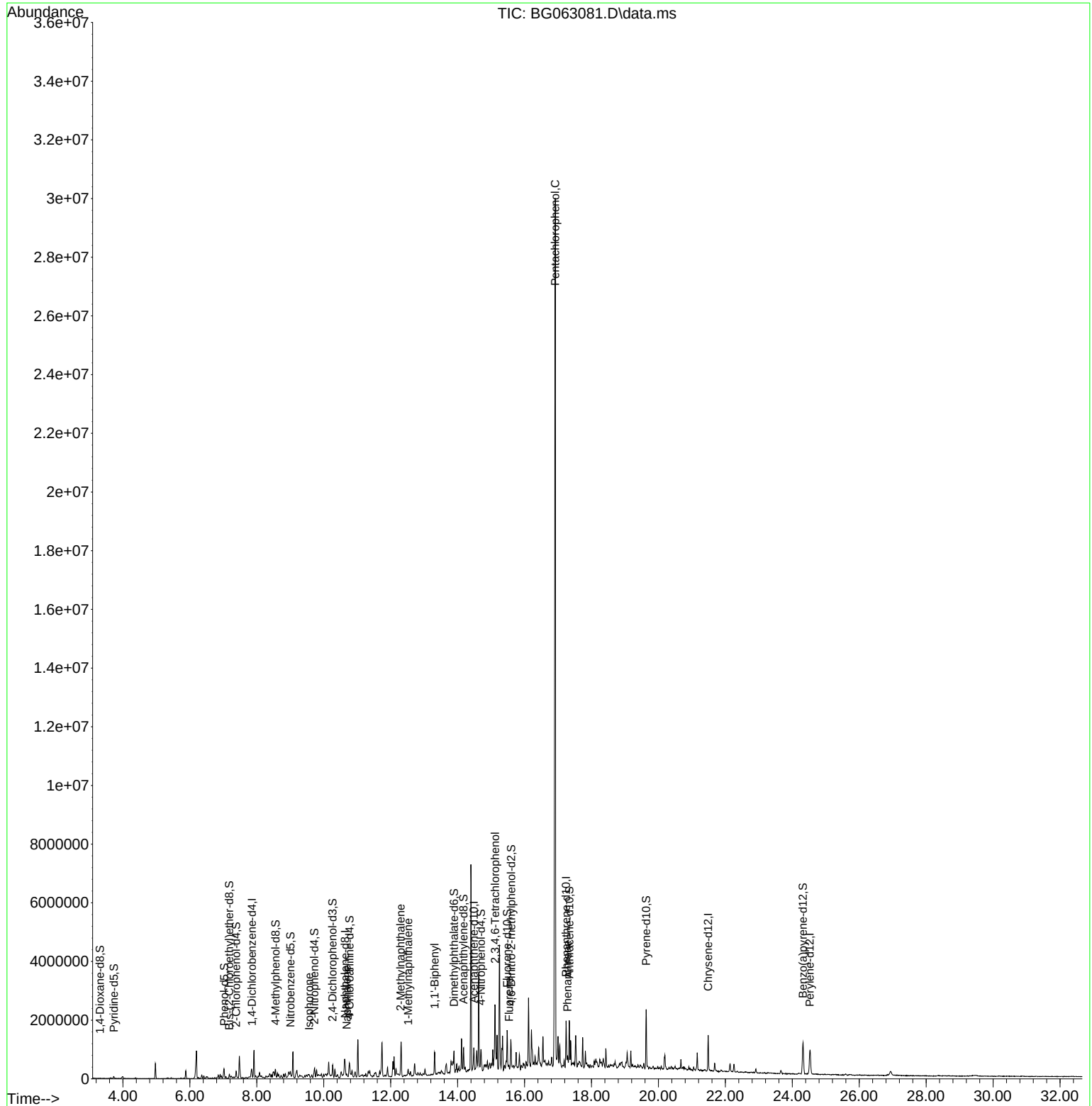
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092724\
Data File : BG063081.D
Acq On : 27 Sep 2024 19:47
Operator : RC/JU
Sample : P3910-06
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ALS Vial : 8 Sample Multiplier: 1

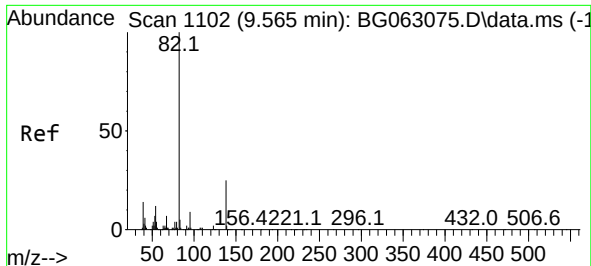
Instrument :
BNA_G
ClientSampleId :
DDC08

Quant Time: Sep 28 00:13:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
Quant Title : SVOA CALIBRATION
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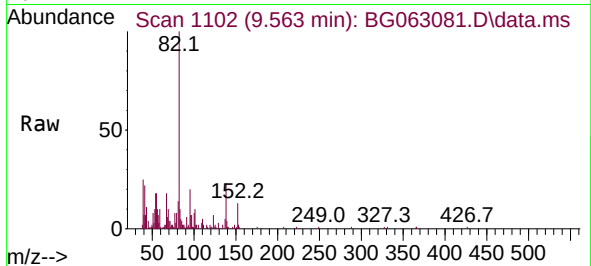
Reviewed By :Jagrut Upadhyay 09/30/2024
Supervised By :mohammad ahmed 10/01/2024





#23
Isophorone
Concen: 5.267 ng/ul
RT: 9.563 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BG063081.D
Acq: 27 Sep 2024 19:47

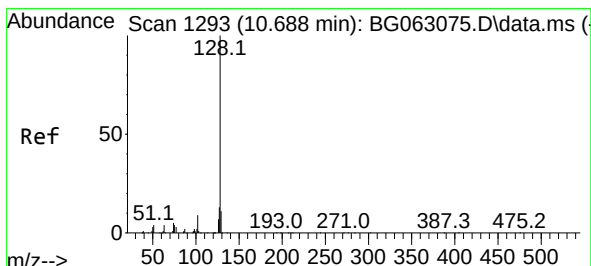
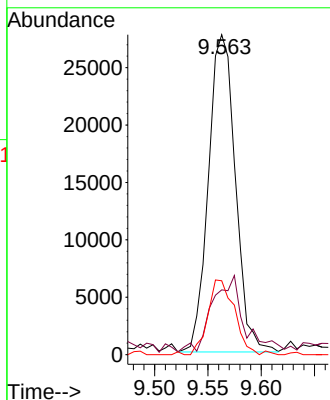
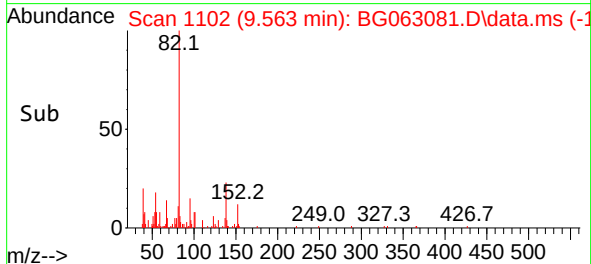
Instrument :
BNA_G
ClientSampleId :
DDC08



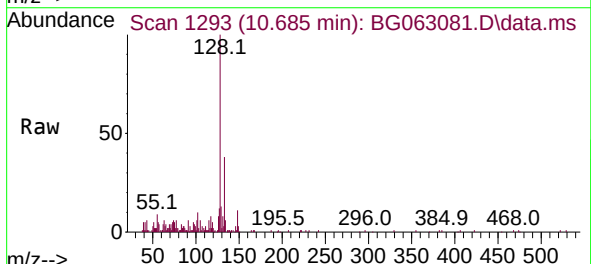
Tgt Ion: 82 Resp: 48619
Ion Ratio Lower Upper
82 100
95 20.3 10.0 15.0
138 23.1 19.5 29.3

Manual Integrations
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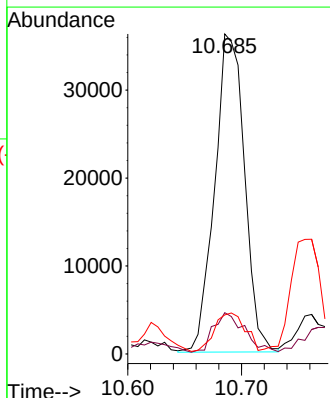
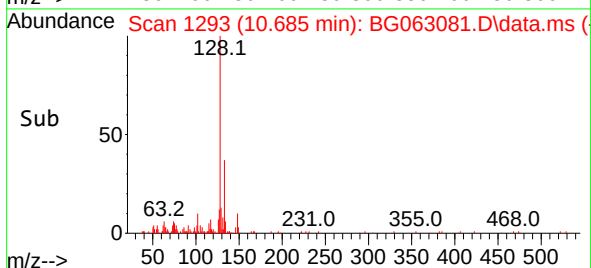
Reviewed By :Jagrut Upadhyay 09/30/2024
Supervised By :mohammad ahmed 10/01/2024

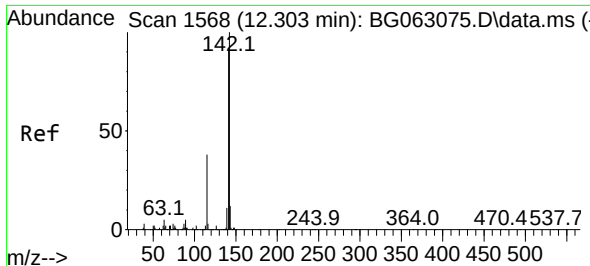


#30
Naphthalene
Concen: 3.763 ng/ul
RT: 10.685 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BG063081.D
Acq: 27 Sep 2024 19:47



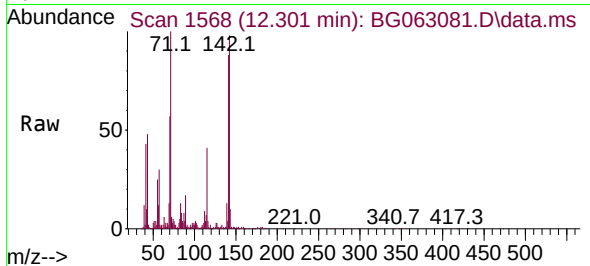
Tgt Ion:128 Resp: 65875
Ion Ratio Lower Upper
128 100
129 12.9 9.3 13.9
127 12.2 10.7 16.1





#36
2-Methylnaphthalene
Concen: 11.276 ng/ul
RT: 12.301 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BG063081.D
Acq: 27 Sep 2024 19:47

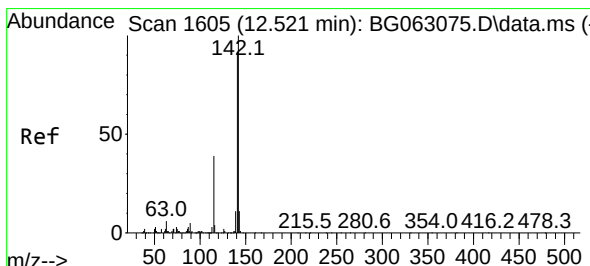
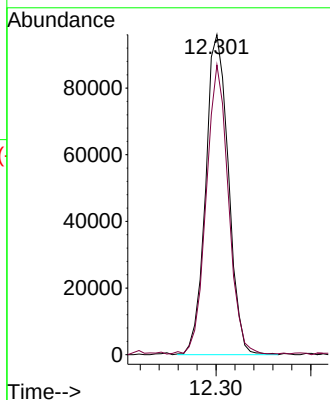
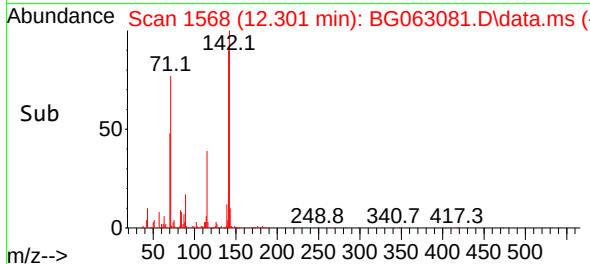
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DDC08



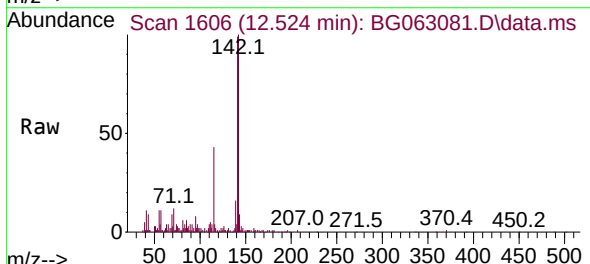
Tgt Ion:142 Resp: 160098
Ion Ratio Lower Upper
142 100
141 90.6 75.8 113.8

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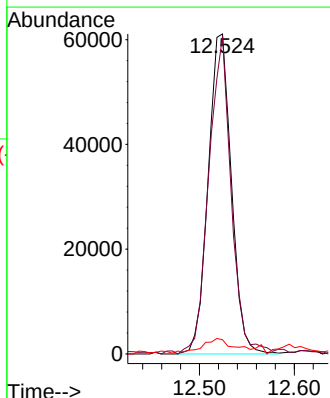
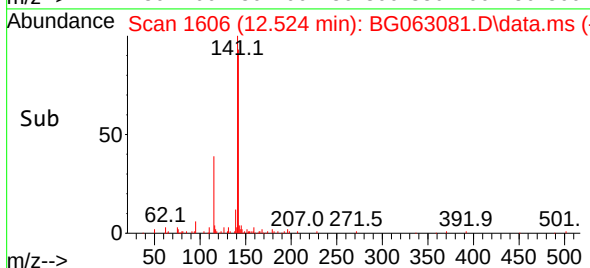
Reviewed By :Jagrut Upadhyay 09/30/2024
Supervised By :mohammad ahmed 10/01/2024

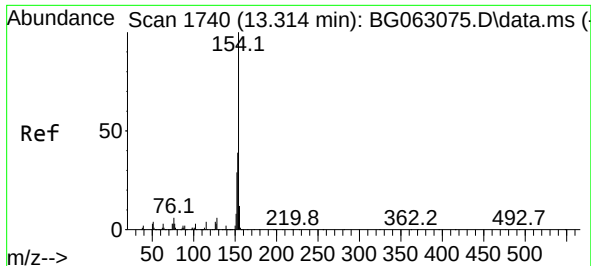


#37
1-Methylnaphthalene
Concen: 7.246 ng/ul
RT: 12.524 min Scan# 1606
Delta R.T. 0.006 min
Lab File: BG063081.D
Acq: 27 Sep 2024 19:47



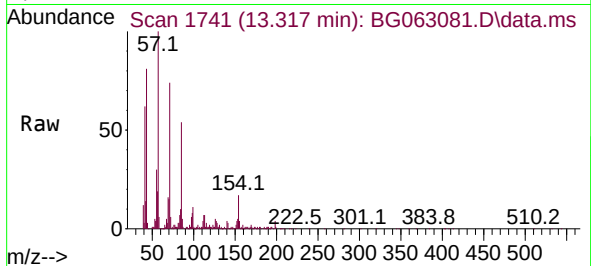
Tgt Ion:142 Resp: 103996
Ion Ratio Lower Upper
142 100
141 99.4 73.4 110.0
116 4.4 3.0 4.6





#43
1,1'-Biphenyl
Concen: 1.553 ng/ul
RT: 13.317 min Scan# 1741
Delta R.T. 0.006 min
Lab File: BG063081.D
Acq: 27 Sep 2024 19:47

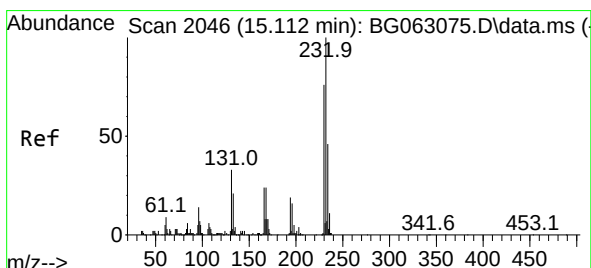
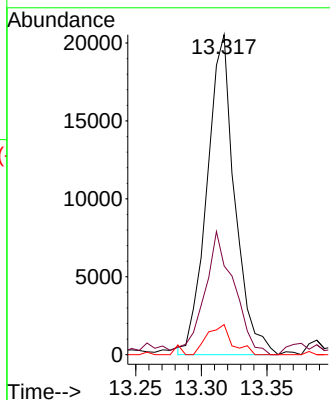
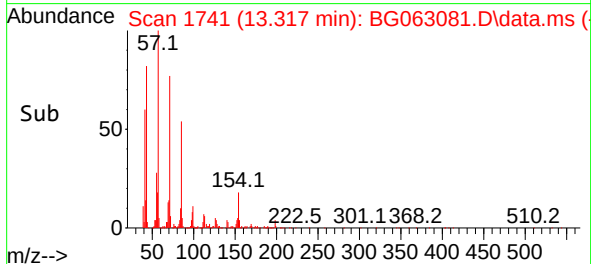
Instrument :
BNA_G
ClientSampleId :
DDC08



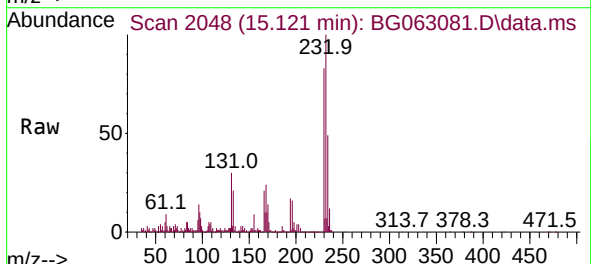
Tgt Ion:154 Resp: 30245
Ion Ratio Lower Upper
154 100
153 27.8 32.6 48.8
76 9.4 4.1 6.1

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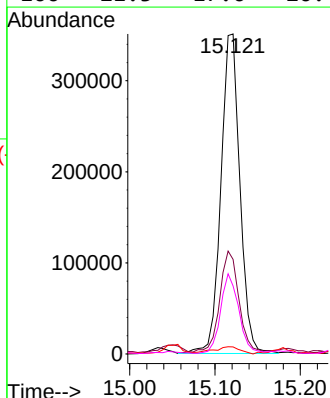
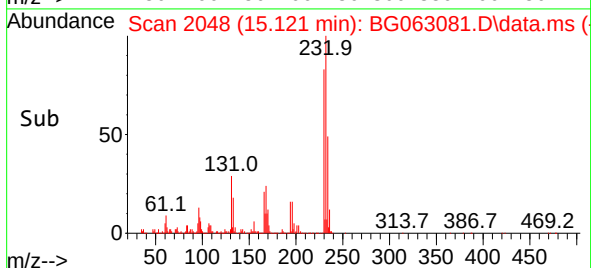
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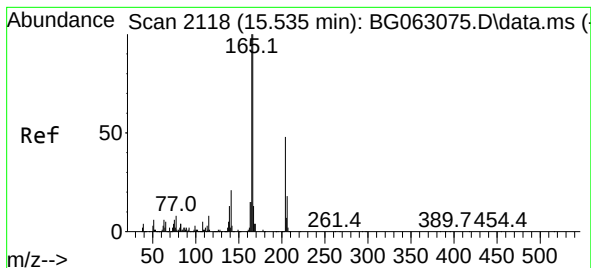


#58
2,3,4,6-Tetrachlorophenol
Concen: 70.568 ng/ul
RT: 15.121 min Scan# 2048
Delta R.T. 0.006 min
Lab File: BG063081.D
Acq: 27 Sep 2024 19:47



Tgt Ion:232 Resp: 544694
Ion Ratio Lower Upper
232 100
131 29.6 25.8 38.6
130 2.2 1.9 2.9
166 21.3 17.6 26.4





#61

Fluorene

Concen: 1.377 ng/ul

RT: 15.538 min Scan# 2118

Delta R.T. 0.000 min

Lab File: BG063081.D

Acq: 27 Sep 2024 19:47

Instrument :

BNA_G

ClientSampleId :

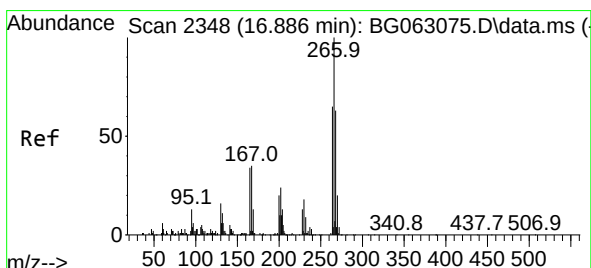
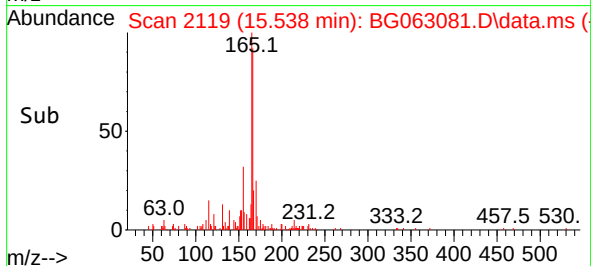
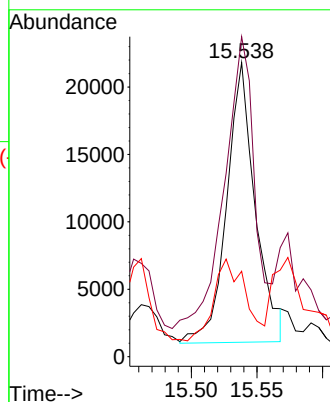
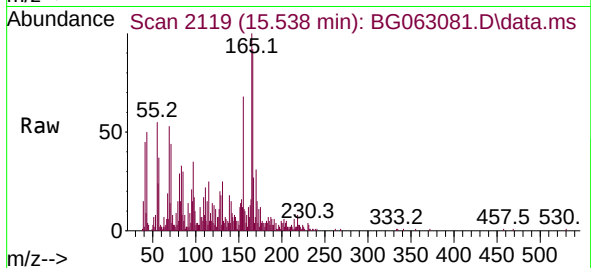
DDC08

Tgt Ion:	166	Resp:	31400
Ion Ratio	Lower	Upper	
166	100		
165	108.8	80.2	120.4
167	29.1	9.5	14.3

Manual Integrations

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#71

Pentachlorophenol

Concen: 1040.472 ng/ul

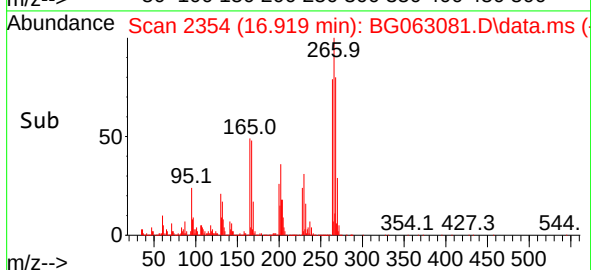
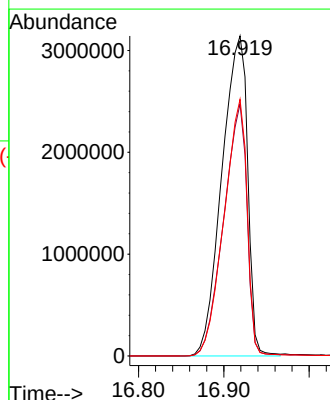
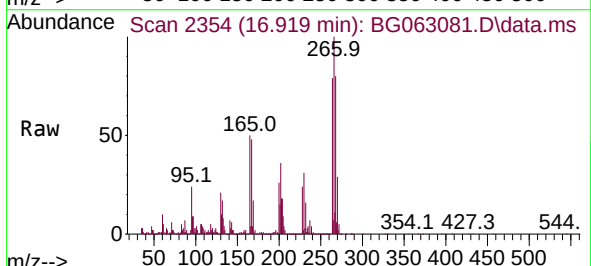
RT: 16.919 min Scan# 2354

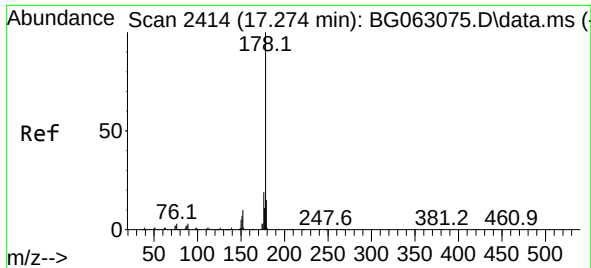
Delta R.T. 0.029 min

Lab File: BG063081.D

Acq: 27 Sep 2024 19:47

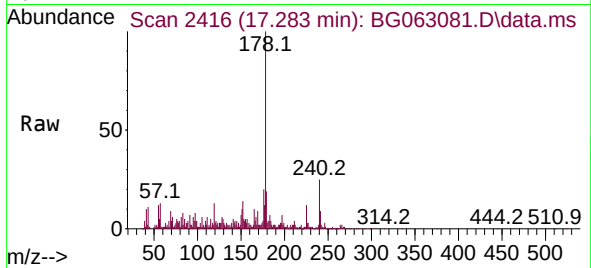
Tgt Ion:	266	Resp:	6579401
Ion Ratio	Lower	Upper	
266	100		
264	78.8	57.7	86.5
268	80.2	57.3	85.9





#72
Phenanthrene
Concen: 3.778 ng/ul
RT: 17.283 min Scan# 2416
Delta R.T. 0.006 min
Lab File: BG063081.D
Acq: 27 Sep 2024 19:47

Instrument :
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Tgt Ion:178 Resp: 144735
Ion Ratio Lower Upper
178 100
179 19.3 12.2 18.4
176 19.9 14.9 22.3

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