

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092724\
 Data File : BG063092.D
 Acq On : 28 Sep 2024 3:42
 Operator : RC/JU
 Sample : P3927-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDCD0

Manual Integrations
 APPROVED

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

Quant Time: Sep 28 04:21:42 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	7.851	152	90375	20.000	ng/u1	0.00
20) Naphthalene-d8	10.641	136	371769	20.000	ng/u1 #	0.00
38) Acenaphthene-d10	14.484	164	332105	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.240	188	903858	20.000	ng/u1	0.00
79) Chrysene-d12	21.488	240	940683	20.000	ng/u1 #	0.00
88) Perylene-d12	24.531	264	1117226	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	6588m	4.202	ng/uL	0.00
4) Pyridine-d5	3.720	84	67496	17.608	ng/u1	0.00
7) Phenol-d5	7.022	99	121196	21.712	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	50276	23.055	ng/u1	0.00
11) 2-Chlorophenol-d4	7.386	132	115828	21.118	ng/u1	0.00
15) 4-Methylphenol-d8	8.556	113	112012	22.228	ng/u1	0.00
21) Nitrobenzene-d5	9.002	128	53623	19.615	ng/u1	0.00
24) 2-Nitrophenol-d4	9.725	143	73606	21.083	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.265	165	149411	20.504	ng/u1	0.00
31) 4-Chloroaniline-d4	10.782	131	138615	16.211	ng/u1	0.00
46) Dimethylphthalate-d6	13.891	166	533007	20.185	ng/u1	0.00
49) Acenaphthylene-d8	14.178	160	582932	20.832	ng/u1	0.00
54) 4-Nitrophenol-d4	14.690	143	77909	19.563	ng/u1	0.00
60) Fluorene-d10	15.483	176	496880	20.537	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.600	200	170221m	26.948	ng/u1	0.00
73) Anthracene-d10	17.339	188	876194	20.205	ng/u1	0.00
81) Pyrene-d10	19.631	212	1137595	21.477	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.320	264	1205442	20.145	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.688	128	48798	2.582	ng/u1#	94
36) 2-Methylnaphthalene	12.304	142	91093	5.943	ng/u1	92
37) 1-Methylnaphthalene	12.522	142	52185	3.368	ng/u1#	93
42) 2,4,5-Trichlorophenol	12.992	196	13767	1.688	ng/u1#	83
58) 2,3,4,6-Tetrachlorophenol	15.119	232	568308	65.211	ng/u1	97
71) Pentachlorophenol	16.916	266	6404492	832.776	ng/u1	91
72) Phenanthrene	17.281	178	58587	1.257	ng/u1	99

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

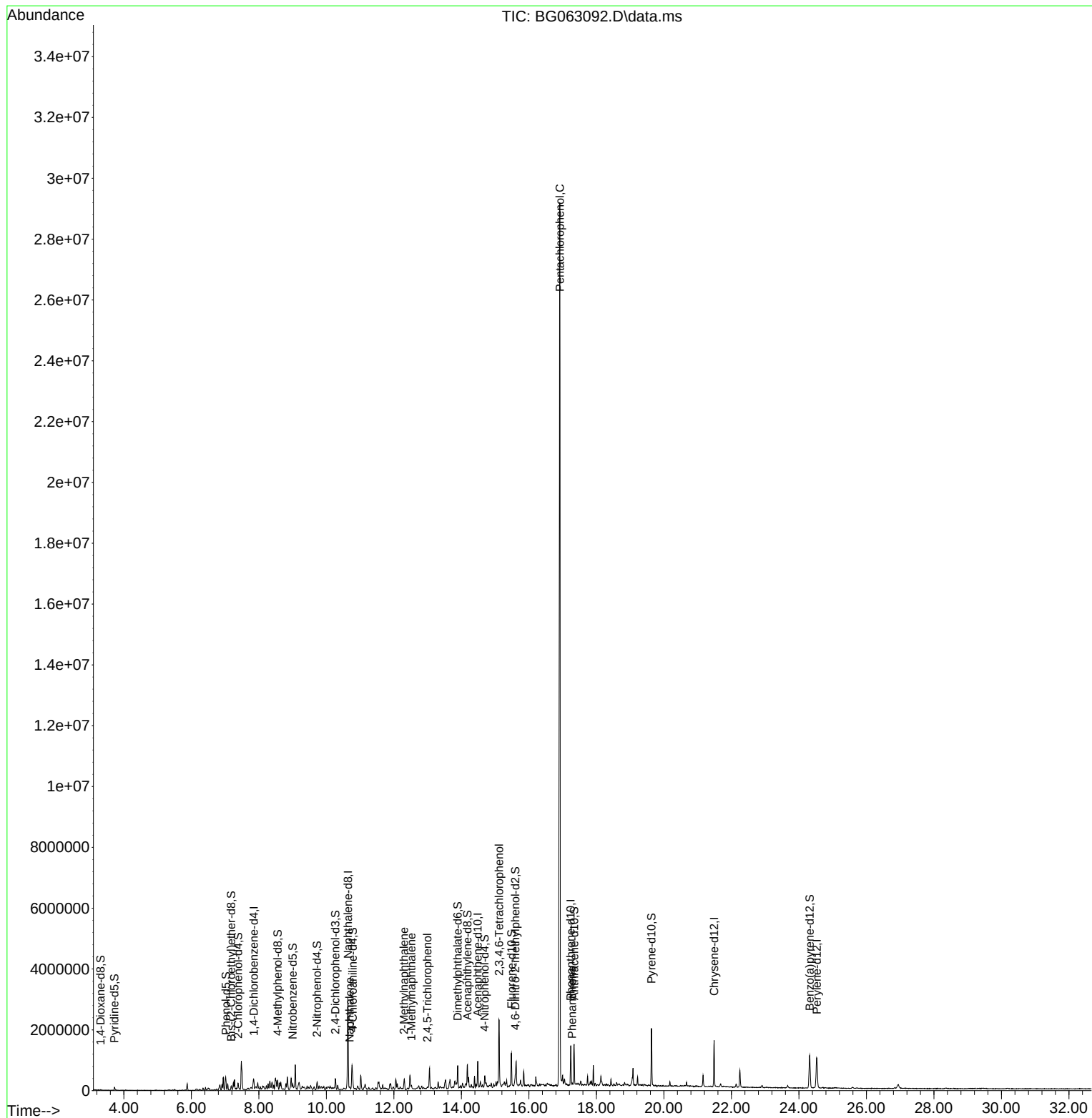
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092724\
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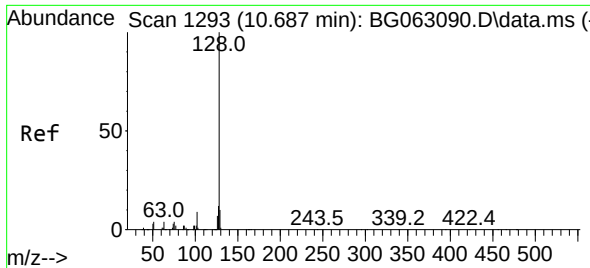
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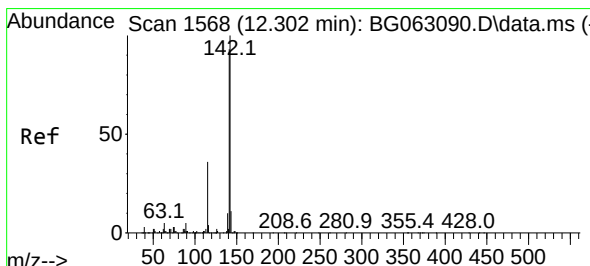
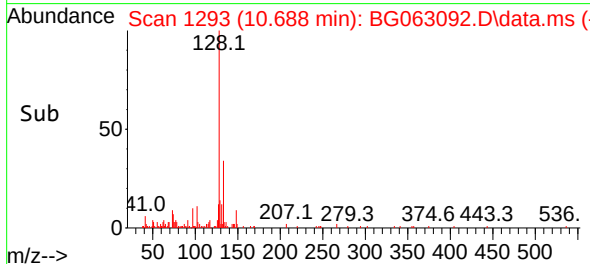
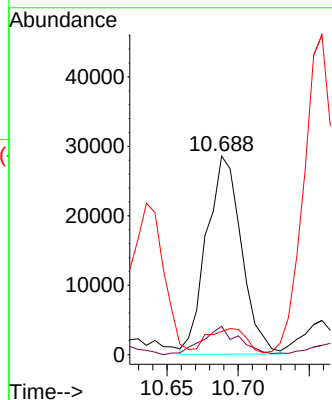
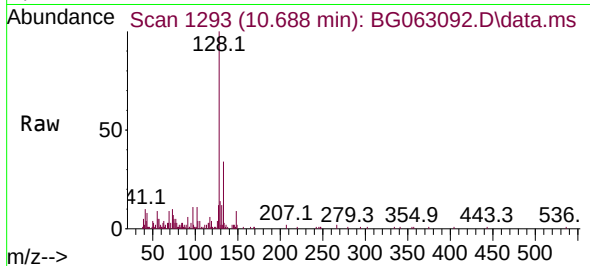
#30
Naphthalene
Concen: 2.582 ng/ul
RT: 10.688 min Scan# 1293
Delta R.T. -0.003 min
Lab File: BG063092.D
Acq: 28 Sep 2024 3:42

Instrument :
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ClientSampleId :
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Tgt Ion:128 Resp: 48798
Ion Ratio Lower Upper
128 100
129 14.3 9.3 13.9
127 11.7 10.7 16.1

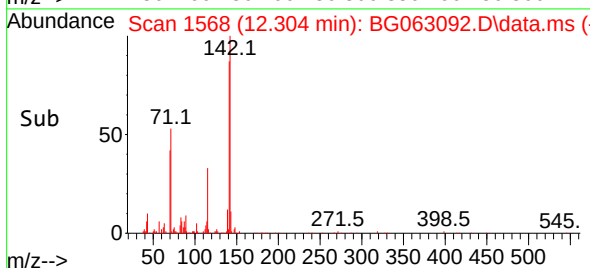
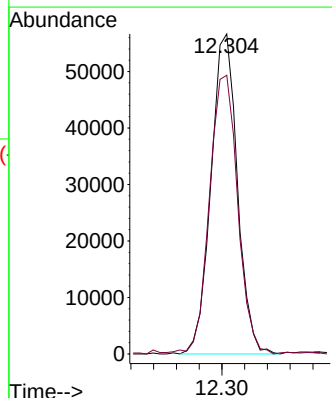
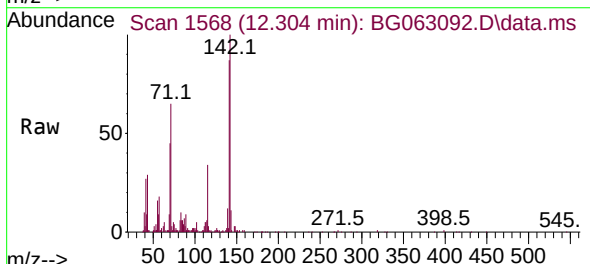
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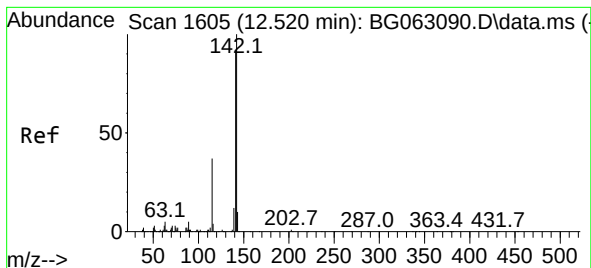
Reviewed By :Jagrut Upadhyay 09/30/2024
Supervised By :mohammad ahmed 10/01/2024



#36
2-Methylnaphthalene
Concen: 5.943 ng/ul
RT: 12.304 min Scan# 1568
Delta R.T. 0.003 min
Lab File: BG063092.D
Acq: 28 Sep 2024 3:42

Tgt Ion:142 Resp: 91093
Ion Ratio Lower Upper
142 100
141 87.1 75.8 113.8





#37

1-Methylnaphthalene

Concen: 3.368 ng/ul

RT: 12.522 min Scan# 1605

Delta R.T. 0.003 min

Lab File: BG063092.D

Acq: 28 Sep 2024 3:42

Instrument :

BNA_G

ClientSampleId :

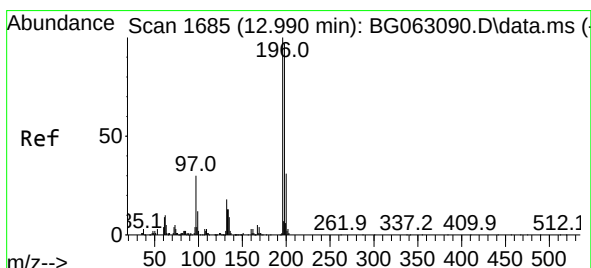
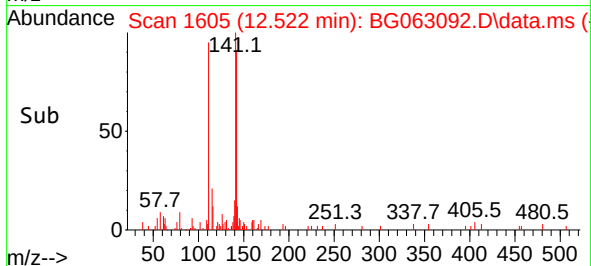
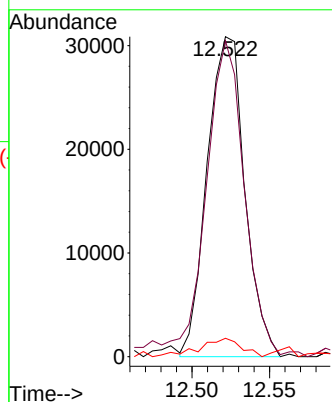
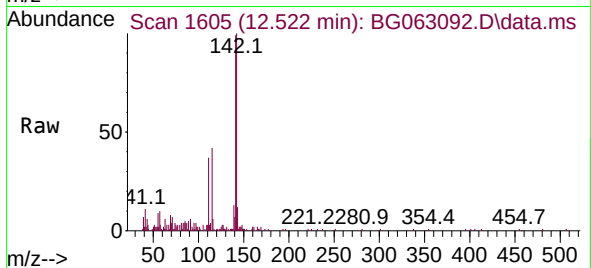
DDCD0

Tgt Ion:	142	Resp:	5218
Ion Ratio	Lower	Upper	
142	100		
141	98.8	73.4	110.0
116	5.8	3.0	4.6

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#42

2,4,5-Trichlorophenol

Concen: 1.688 ng/ul

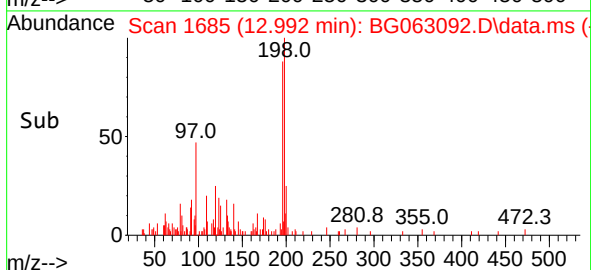
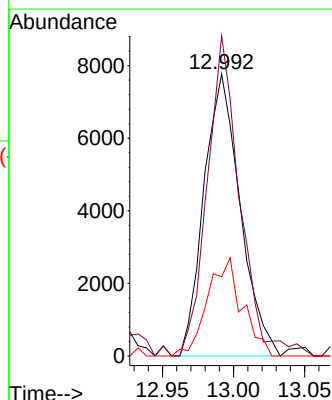
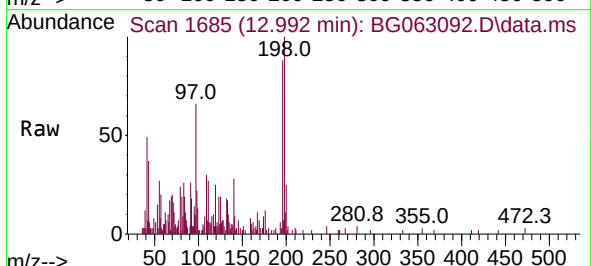
RT: 12.992 min Scan# 1685

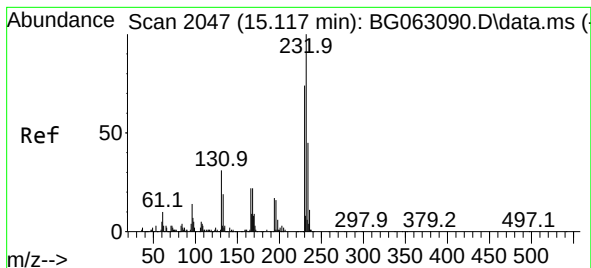
Delta R.T. 0.003 min

Lab File: BG063092.D

Acq: 28 Sep 2024 3:42

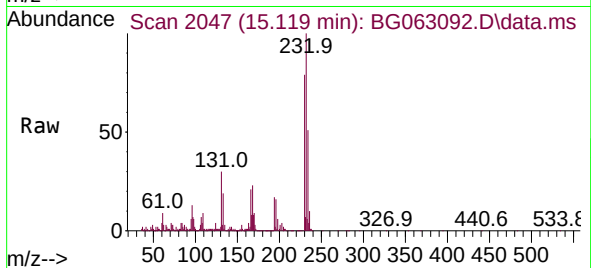
Tgt Ion:	196	Resp:	13767
Ion Ratio	Lower	Upper	
196	100		
198	113.5	74.0	111.0
200	28.1	22.1	33.1





#58
2,3,4,6-Tetrachlorophenol
Concen: 65.211 ng/ul
RT: 15.119 min Scan# 2047
Delta R.T. 0.003 min
Lab File: BG063092.D
Acq: 28 Sep 2024 3:42

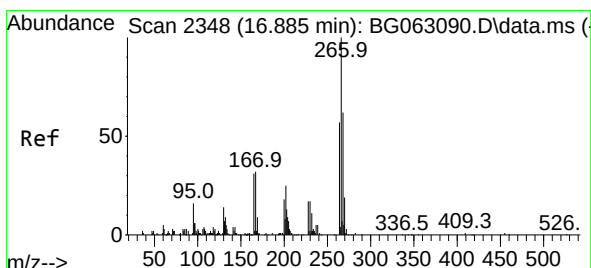
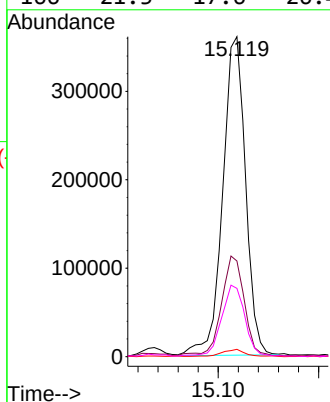
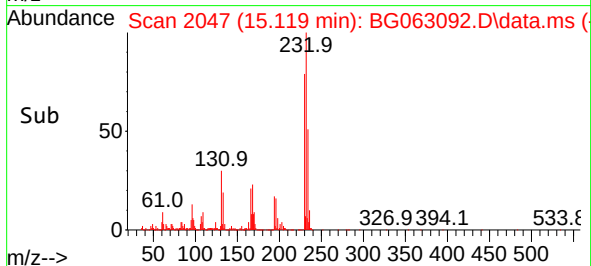
Instrument :
BNA_G
ClientSampleId :
DDCD0



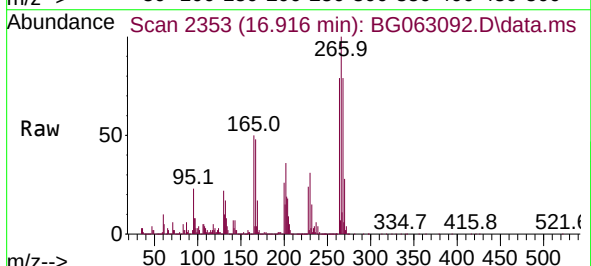
Tgt Ion:232 Resp: 568308
Ion Ratio Lower Upper
232 100
131 29.9 25.8 38.6
130 2.3 1.9 2.9
166 21.3 17.6 26.4

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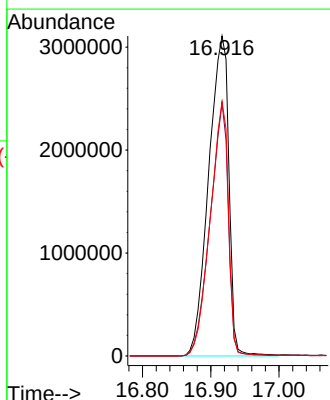
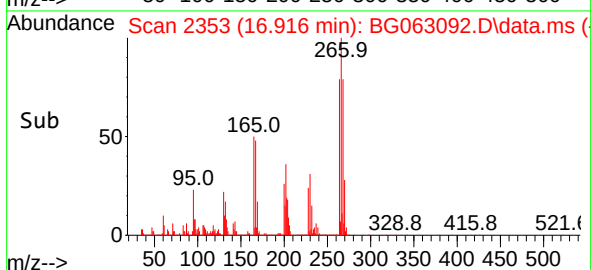
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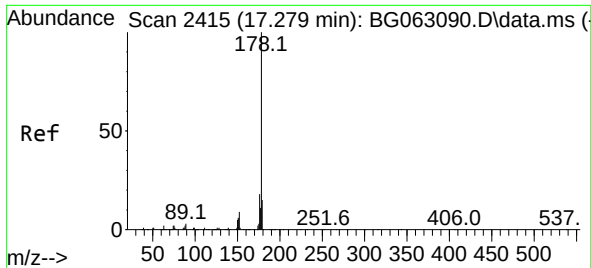


#71
Pentachlorophenol
Concen: 832.776 ng/ul
RT: 16.916 min Scan# 2353
Delta R.T. 0.027 min
Lab File: BG063092.D
Acq: 28 Sep 2024 3:42



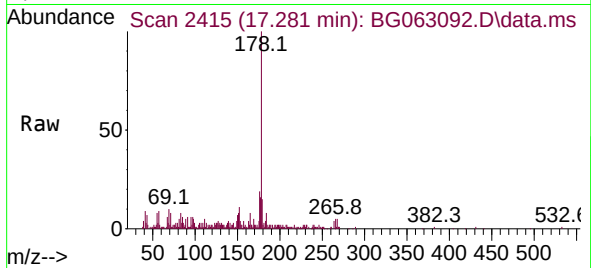
Tgt Ion:266 Resp: 6404492
Ion Ratio Lower Upper
266 100
264 79.1 57.7 86.5
268 79.5 57.3 85.9





#72
 Phenanthrene
 Concen: 1.257 ng/ul
 RT: 17.281 min Scan# 2415
 Delta R.T. 0.003 min
 Lab File: BG063092.D
 Acq: 28 Sep 2024 3:42

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:178 Resp: 5858
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.2 18.4
 176 19.3 14.9 22.3

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