Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092724\
Data File : BG063105.D
Acq On : 28 Sep 2024 13:08
Operator : RC/JU
Sample : P3910-12DL 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC32DL

Quant Time: Sep 28 23:56:49 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	7.848	152	78975	20.000	ng/ul	0.00
20) Naphthalene-d8	10.639	136	322018	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.481	164	286216	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.237	188	774225	20.000	ng/ul	0.00
79) Chrysene-d12	21.485	240	889463	20.000	ng/ul	# 0.00
88) Perylene-d12	24.528	264	1050040	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.735	84	7259	2.167	ng/ul	0.01
7) Phenol-d5	7.019	99	17286	3.544	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.178	67	7560	3.967	ng/ul	0.00
11) 2-Chlorophenol-d4	7.384	132	15872	3.312	ng/ul	0.00
15) 4-Methylphenol-d8	8.559	113	15812	3.591	ng/ul	0.00
21) Nitrobenzene-d5	9.005	128	7234	3.055	ng/ul	0.00
24) 2-Nitrophenol-d4	9.728	143	10033	3.318	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.263	165	21949	3.478	ng/ul	0.00
31) 4-Chloroaniline-d4	10.774	131	22436	3.029	ng/ul	0.00
46) Dimethylphthalate-d6	13.888	166	78813	3.463	ng/ul	0.00
49) Acenaphthylene-d8	14.176	160	89993	3.732	ng/ul	0.00
54) 4-Nitrophenol-d4	14.704	143	8163	2.378	ng/ul	0.01
60) Fluorene-d10	15.480	176	81620	3.914	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.603	200	10219	1.889	ng/ul	0.00
73) Anthracene-d10	17.331	188	151710	4.084	ng/ul	0.00
81) Pyrene-d10	19.628	212	199205	3.977	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.323	264	214771	3.819	ng/ul	0.00
Target Compounds						Qvalue
23) Isophorone	9.569	82	11976	1.387	ng/ul#	95
36) 2-Methylnaphthalene	12.301	142	19089	1.438	ng/ul#	70
58) 2,3,4,6-Tetrachlorophenol	15.116	232	118614	15.793	ng/ul	99
71) Pentachlorophenol	16.890	266	1162826	176.519	ng/ul	90

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

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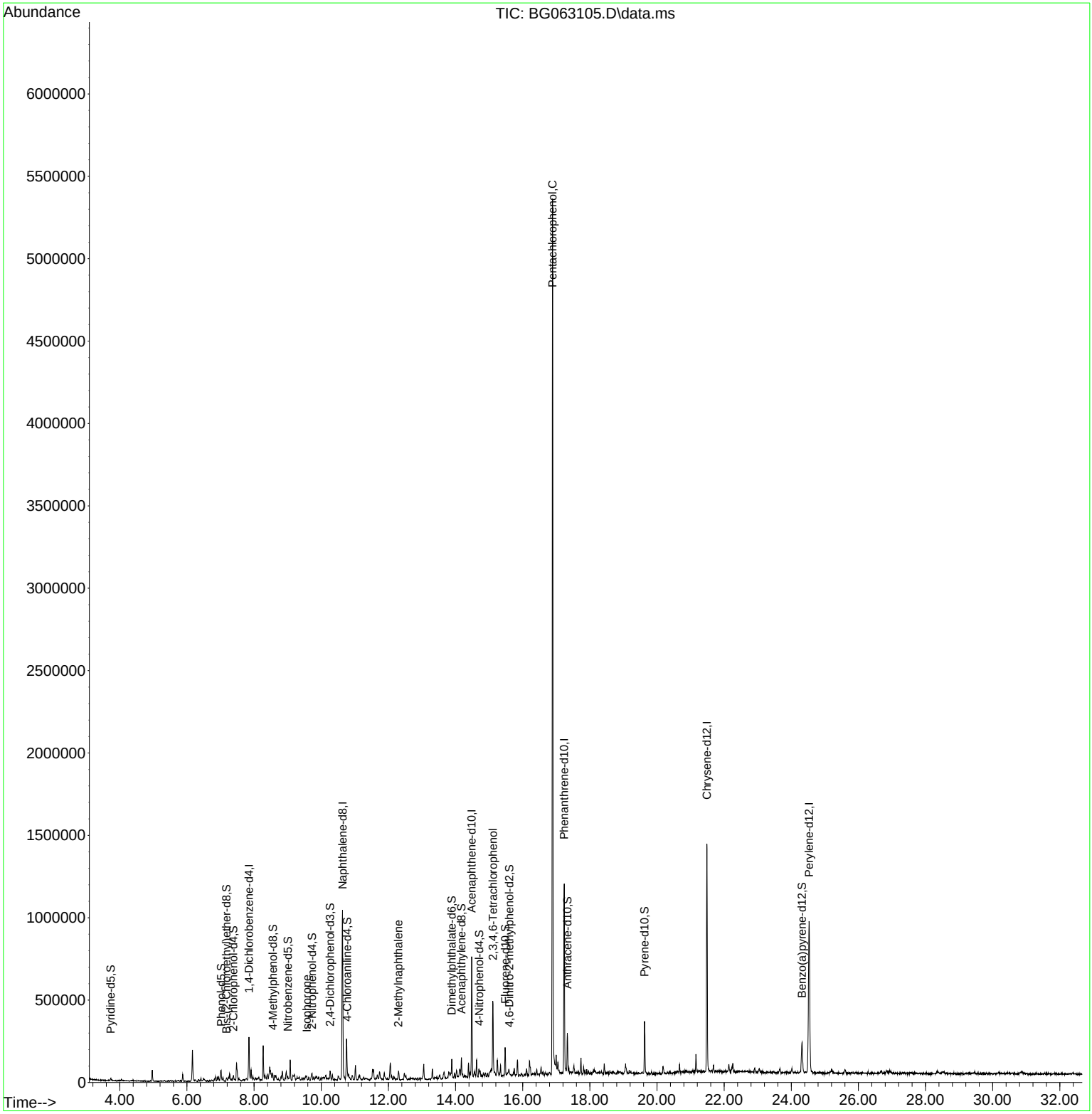
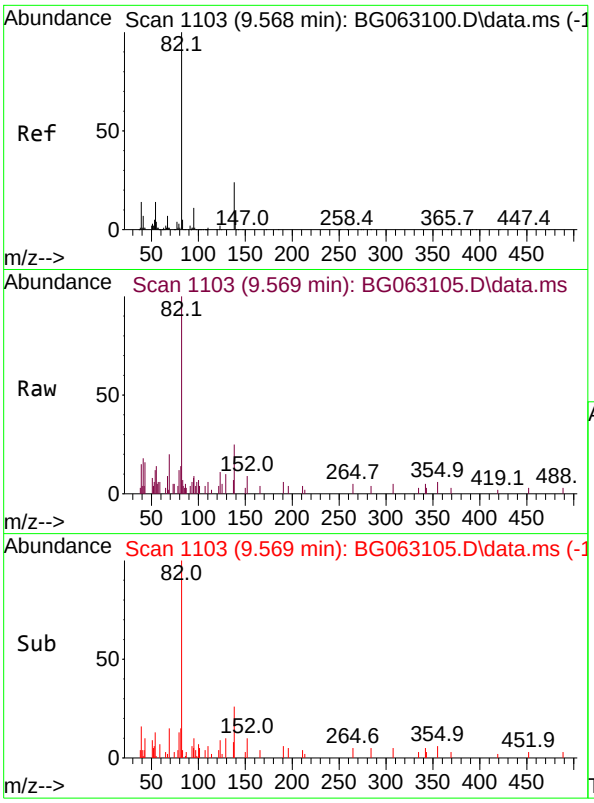


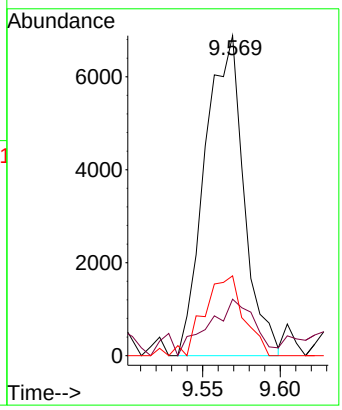


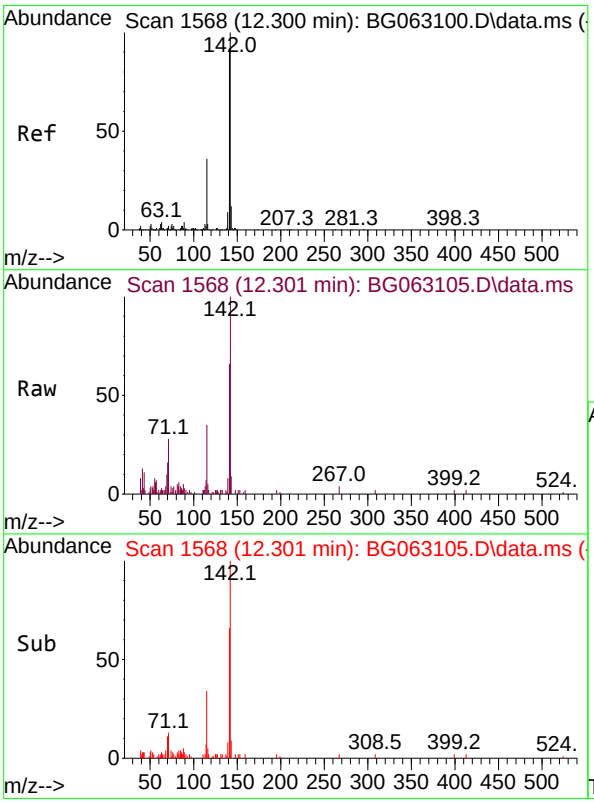
#23
Isophorone
Concen: 1.387 ng/ul
RT: 9.569 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG063105.D
Acq: 28 Sep 2024 13:08

Instrument :
BNA_G
ClientSampleId :
DDC32DL

Tgt Ion: 82 Resp: 11976

Ion	Ratio	Lower	Upper
82	100		
95	17.6	10.0	15.0#
138	24.9	19.5	29.3

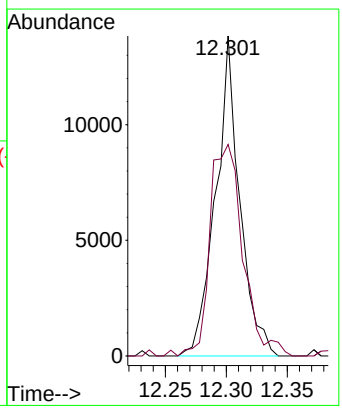


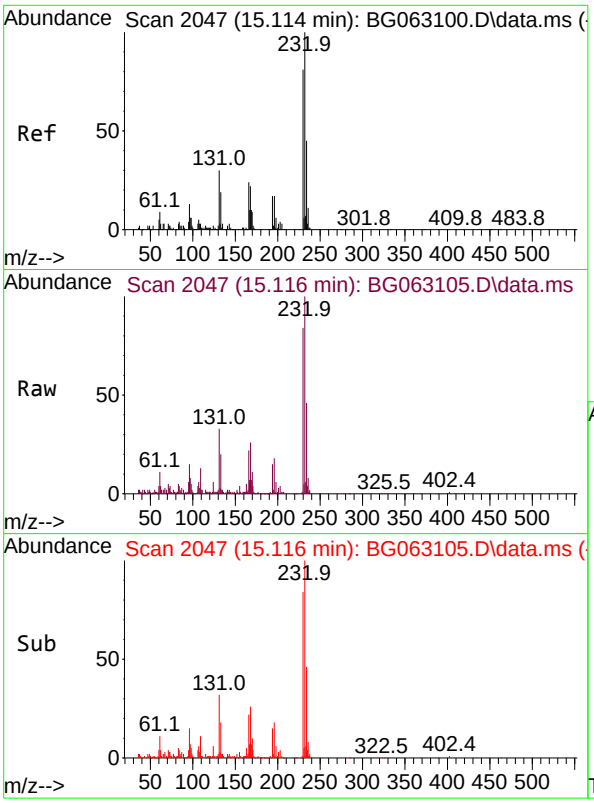


#36
2-Methylnaphthalene
Concen: 1.438 ng/ul
RT: 12.301 min Scan# 1568
Delta R.T. 0.001 min
Lab File: BG063105.D
Acq: 28 Sep 2024 13:08

Tgt Ion:142 Resp: 19089

Ion	Ratio	Lower	Upper
142	100		
141	66.1	75.8	113.8#



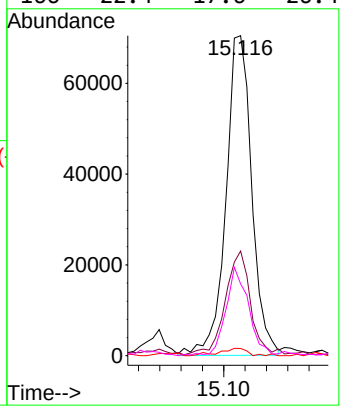


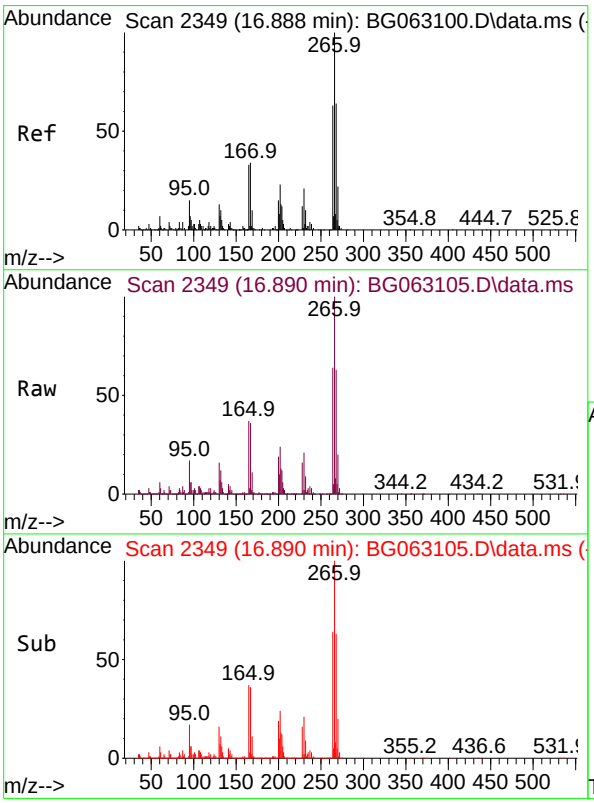
#58
2,3,4,6-Tetrachlorophenol
Concen: 15.793 ng/ul
RT: 15.116 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG063105.D
Acq: 28 Sep 2024 13:08

Instrument :
BNA_G
ClientSampleId :
DDC32DL

Tgt Ion:232 Resp: 118614

Ion	Ratio	Lower	Upper
232	100		
131	32.7	25.8	38.6
130	2.3	1.9	2.9
166	22.4	17.6	26.4





#71
Pentachlorophenol
Concen: 176.519 ng/ul
RT: 16.890 min Scan# 2349
Delta R.T. 0.001 min
Lab File: BG063105.D
Acq: 28 Sep 2024 13:08

Tgt Ion:266 Resp: 1162826

Ion	Ratio	Lower	Upper
266	100		
264	63.7	57.7	86.5
268	62.9	57.3	85.9