

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
 Data File : BG061982.D
 Acq On : 9 Jul 2024 20:45
 Operator : MA/JU
 Sample : P3108-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0ST5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/10/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 10 00:06:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.096	152	41626	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	216115	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.717	164	158966	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.455	188	375973	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.715	240	338461	20.000	ng/u1	#-0.01
88) Perylene-d12	24.947	264	389806	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.483	96	5162	4.660	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.244	99	71522	15.700	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.414	67	99348	34.439	ng/u1	0.00
11) 2-Chlorophenol-d4	7.620	132	114307	36.581	ng/u1	-0.01
15) 4-Methylphenol-d8	8.795	113	97655	27.227	ng/u1	0.00
21) Nitrobenzene-d5	9.259	128	66394	40.395	ng/u1	0.00
24) 2-Nitrophenol-d4	9.982	143	84833	45.196	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	146913	40.579	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.039	131	10198	1.940	ng/u1	0.00
46) Dimethylphthalate-d6	14.118	166	530536	40.595	ng/u1	0.00
49) Acenaphthylene-d8	14.412	160	556446	40.718	ng/u1	0.00
54) 4-Nitrophenol-d4	14.905	143	41088	19.687	ng/u1	-0.01
60) Fluorene-d10	15.704	176	452046	41.087	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	96531	48.888	ng/u1	-0.01
73) Anthracene-d10	17.555	188	724388	41.267	ng/u1	0.00
81) Pyrene-d10	19.835	212	819666	41.173	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.729	264	838044	43.349	ng/u1	-0.01
Target Compounds						
8) Phenol	7.267	94	5733	1.229	ng/u1	90
12) 2-Chlorophenol	7.655	128	10642	3.343	ng/u1	96
22) Nitrobenzene	9.306	77	236168	50.619	ng/u1	98
25) 2-Nitrophenol	10.005	139	4714m	2.463	ng/u1	
39) 1,2,4,5-Tetrachloroben...	12.908	216	9502m	1.990	ng/u1	
75) 1,2,3,4-Tetrachloroben...	13.519	216	42526	9.107	ng/u1	91

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

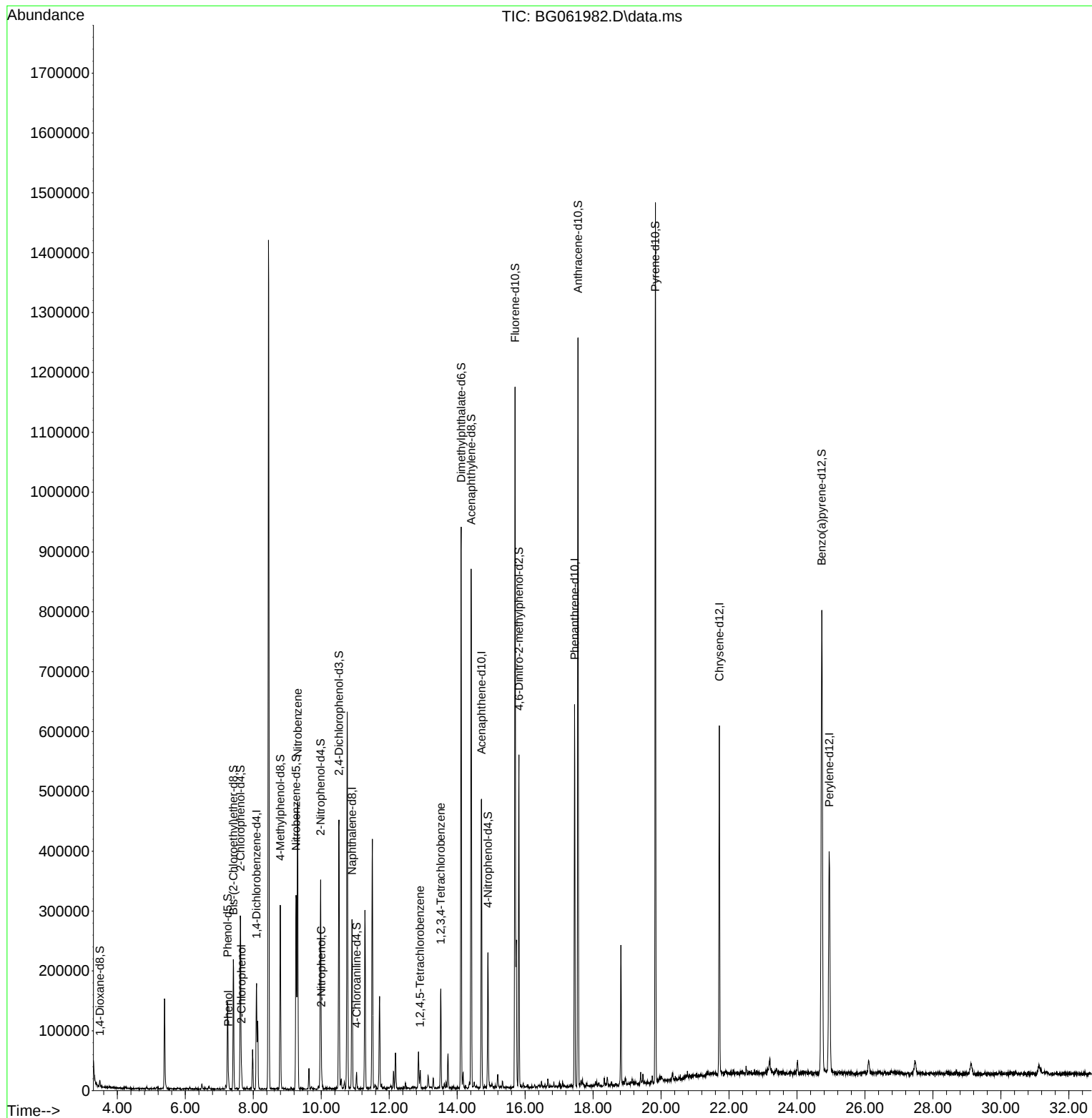
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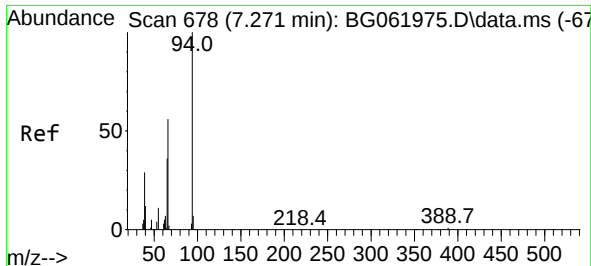
Instrument :
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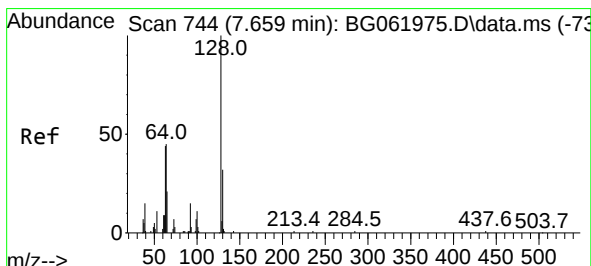
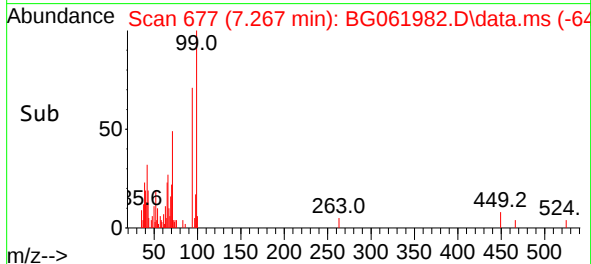
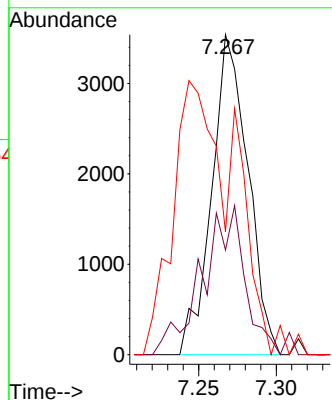
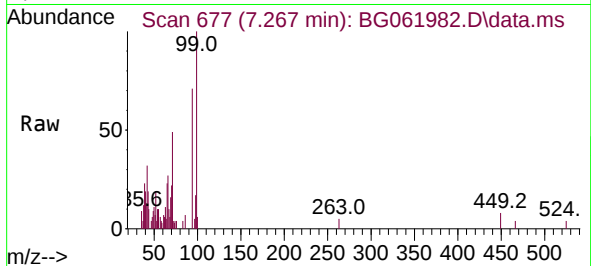
#8
Phenol
Concen: 1.229 ng/ul
RT: 7.267 min Scan# 61
Delta R.T. -0.010 min
Lab File: BG061982.D
Acq: 9 Jul 2024 20:45

Instrument :
BNA_G
ClientSampleId :
C0ST5

Tgt Ion: 94 Resp: 573
Ion Ratio Lower Upper
94 100
65 32.7 29.0 43.4
66 38.3 37.4 56.2

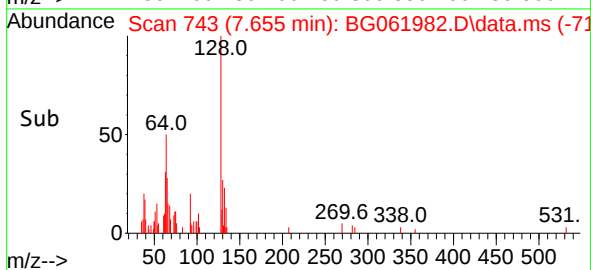
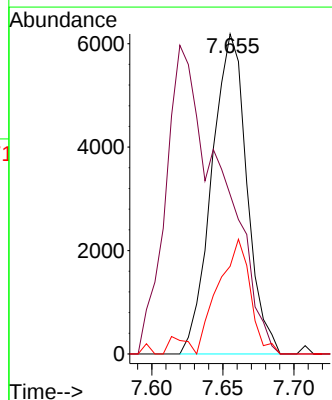
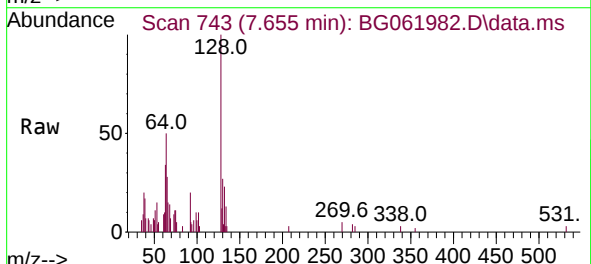
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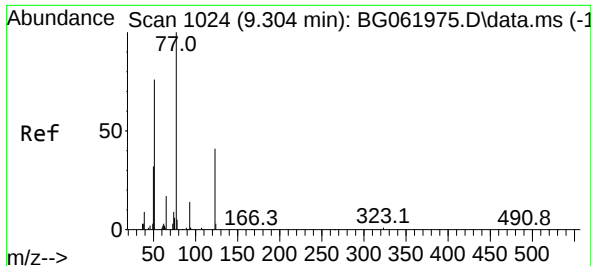
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#12
2-Chlorophenol
Concen: 3.343 ng/ul
RT: 7.655 min Scan# 743
Delta R.T. -0.004 min
Lab File: BG061982.D
Acq: 9 Jul 2024 20:45

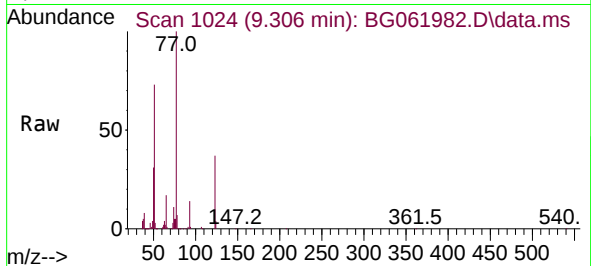
Tgt Ion:128 Resp: 10642
Ion Ratio Lower Upper
128 100
64 49.8 42.6 63.8
130 27.4 23.3 34.9





#22
Nitrobenzene
Concen: 50.619 ng/ul
RT: 9.306 min Scan# 1024
Delta R.T. -0.004 min
Lab File: BG061982.D
Acq: 9 Jul 2024 20:45

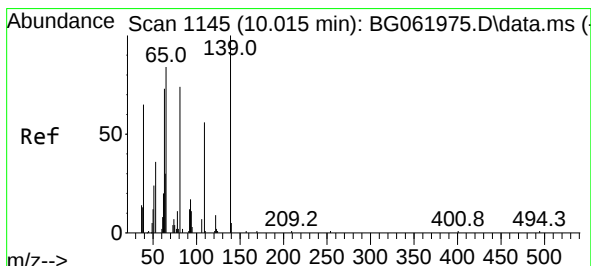
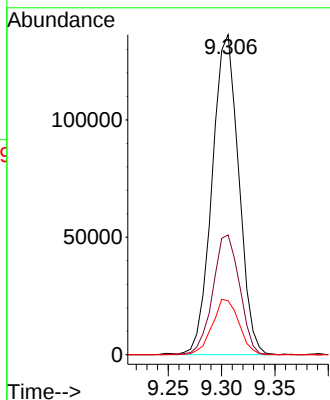
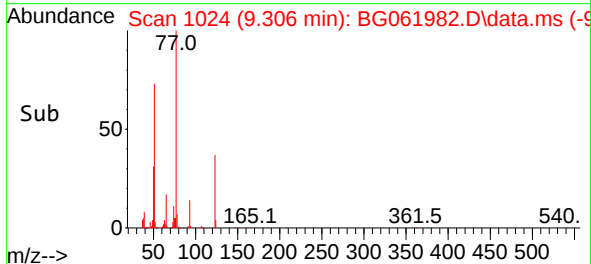
Instrument :
BNA_G
ClientSampleId :
C0ST5



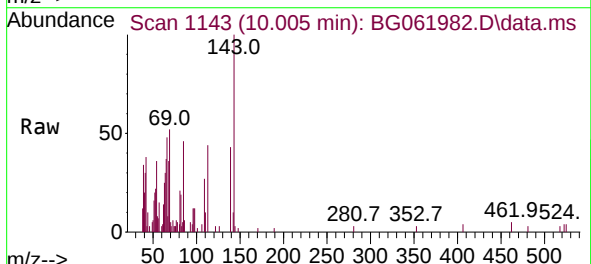
Tgt Ion: 77 Resp: 236168
Ion Ratio Lower Upper
77 100
123 37.4 31.0 46.6
65 16.8 12.7 19.1

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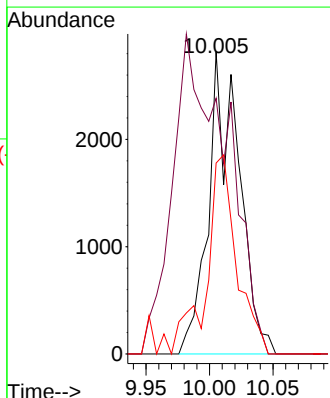
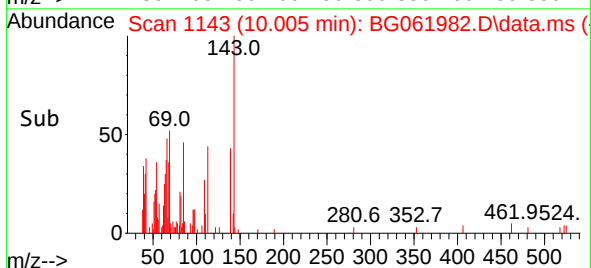
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/10/2024

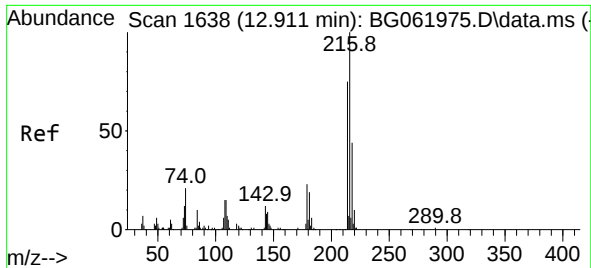


#25
2-Nitrophenol
Concen: 2.463 ng/ul m
RT: 10.005 min Scan# 1143
Delta R.T. -0.010 min
Lab File: BG061982.D
Acq: 9 Jul 2024 20:45



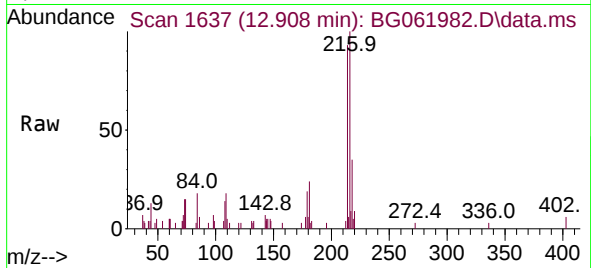
Tgt Ion:139 Resp: 4714
Ion Ratio Lower Upper
139 100
65 84.5 61.6 92.4
109 63.1 35.4 53.2#





#39
1,2,4,5-Tetrachlorobenzene
Concen: 1.990 ng/ul m
RT: 12.908 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG061982.D
Acq: 9 Jul 2024 20:45

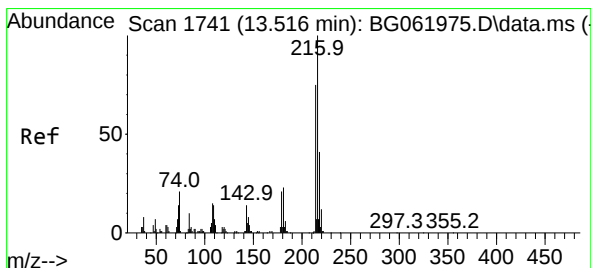
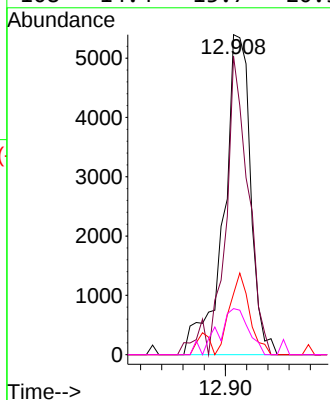
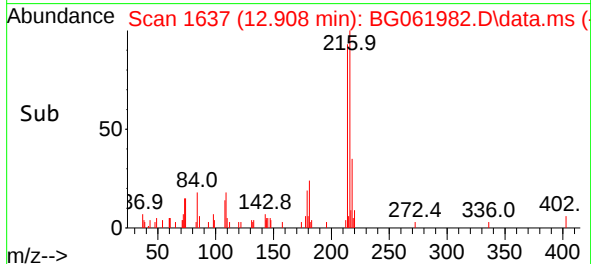
Instrument :
BNA_G
ClientSampleId :
C0ST5



Tgt Ion:216 Resp: 950
Ion Ratio Lower Upper
216 100
214 93.3 62.5 93.7
179 19.1 18.6 27.8
108 14.4 13.7 20.5

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#75
1,2,3,4-Tetrachlorobenzene
Concen: 9.107 ng/ul
RT: 13.519 min Scan# 1741
Delta R.T. -0.004 min
Lab File: BG061982.D
Acq: 9 Jul 2024 20:45

Tgt Ion:216 Resp: 42526
Ion Ratio Lower Upper
216 100
214 87.1 61.7 92.5
218 41.4 35.7 53.5

