

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
 Data File : BN024624.D
 Acq On : 30 Mar 2023 00:00
 Operator : CG/JU
 Sample : 02085-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COMB4

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/30/2023
 Supervised By : Jagrut Upadhyay 03/30/2023

Quant Time: Mar 30 03:34:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 30 03:30:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	253026m	20.000	ng/u1	0.02
20) Naphthalene-d8	10.834	136	1416092	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.639	164	860737	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	1844466	20.000	ng/u1	0.00
79) Chrysene-d12	21.568	240	1771439	20.000	ng/u1	0.00
88) Perylene-d12	24.051	264	1962874	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	31636	4.848	ng/uL	0.00
4) Pyridine-d5	3.805	84	140230	7.441	ng/u1	0.00
7) Phenol-d5	7.157	99	167083	6.978	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	611570	39.550	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	511242	28.798	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	328548	17.156	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	356125	31.777	ng/u1	0.00
24) 2-Nitrophenol-d4	9.899	143	367714	30.313	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	578158	26.241	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	714926	21.266	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	2090882	31.589	ng/u1	0.00
49) Acenaphthylene-d8	14.334	160	2382945	31.617	ng/u1	0.00
54) 4-Nitrophenol-d4	14.828	143	63851	4.609	ng/u1	0.00
60) Fluorene-d10	15.628	176	1815691	31.971	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	311822	25.667	ng/u1	0.00
73) Anthracene-d10	17.486	188	2888505	33.296	ng/u1	0.00
81) Pyrene-d10	19.774	212	3398216	33.178	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.898	264	3509712	35.288	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.181	94	66633	2.681	ng/u1	97
12) 2-Chlorophenol	7.563	128	36515	1.972	ng/u1	98
22) Nitrobenzene	9.222	77	2263453	77.754	ng/u1	98
25) 2-Nitrophenol	9.928	139	23010	1.745	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.840	216	1140292	44.692	ng/u1	94
75) 1,2,3,4-Tetrachloroben...	13.445	216	2590244	98.227	ng/uL	94
76) Pentachlorobenzene	14.957	250	84605	3.303	ng/uL	97

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

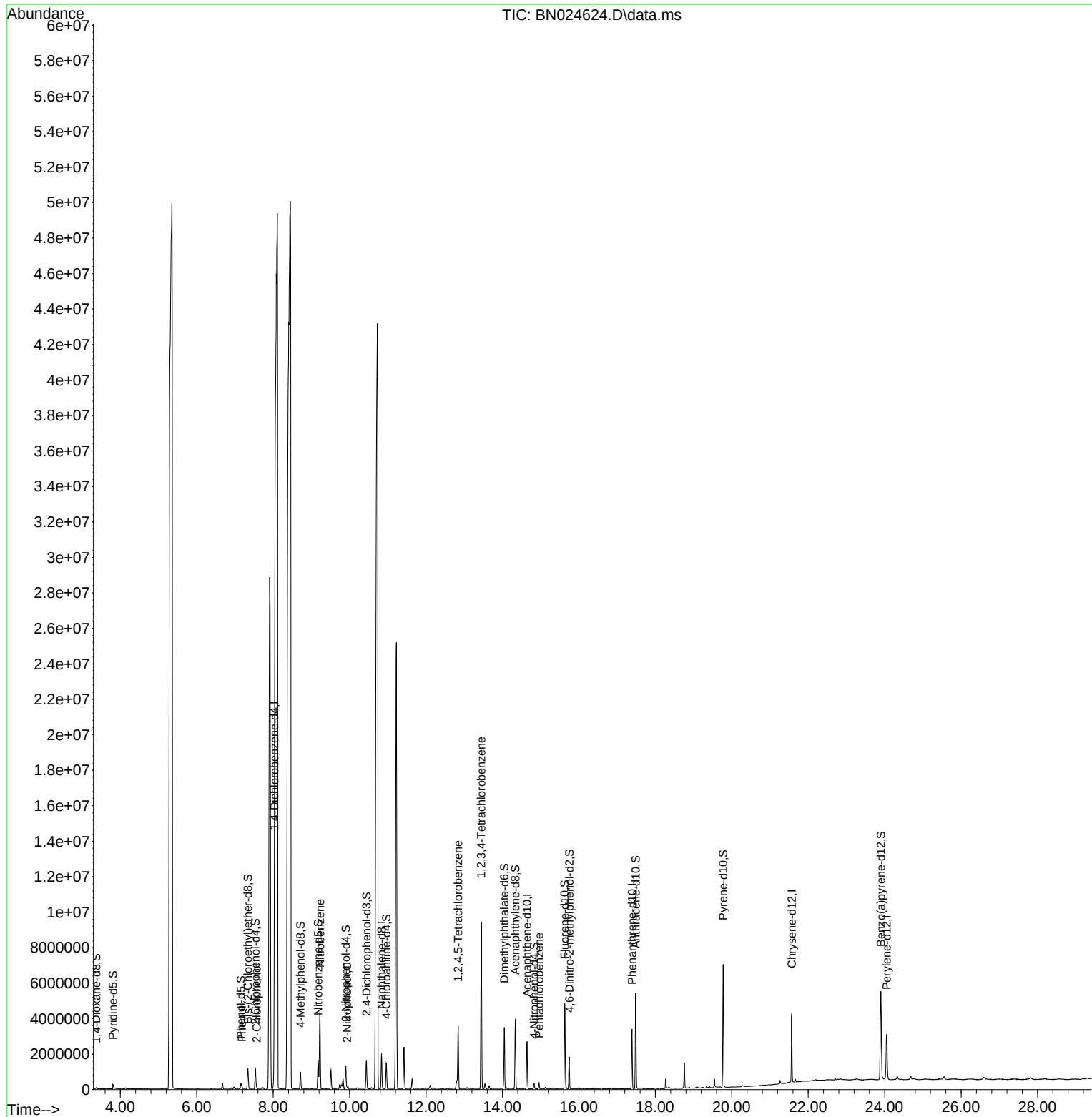
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
Data File : BN024624.D
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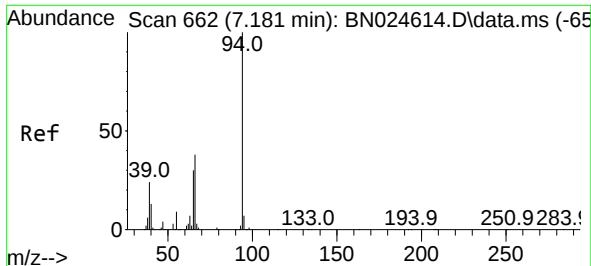
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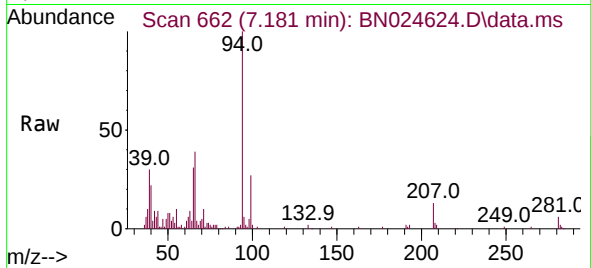
Reviewed By : Christian Giraldo 03/30/2023
Supervised By : Jagrut Upadhyay 03/30/2023





#8
Phenol
Concen: 2.681 ng/ul
RT: 7.181 min Scan# 662
Delta R.T. -0.000 min
Lab File: BN024624.D
Acq: 30 Mar 2023 00:00

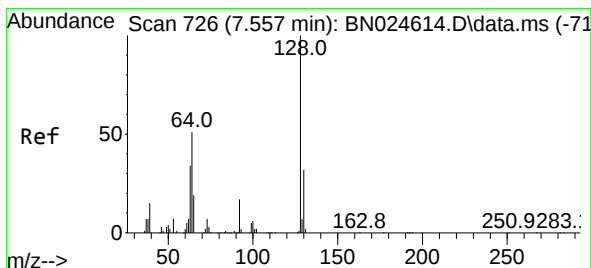
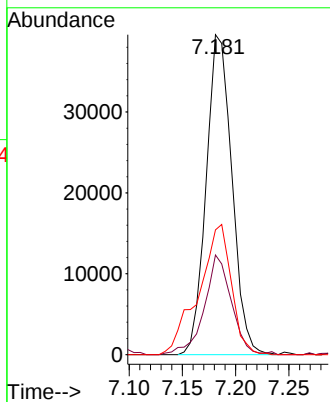
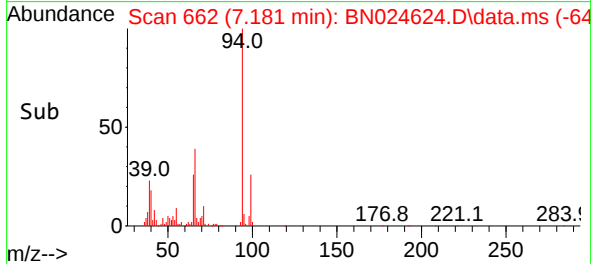
Instrument :
BNA_N
ClientSampleId :
COMB4



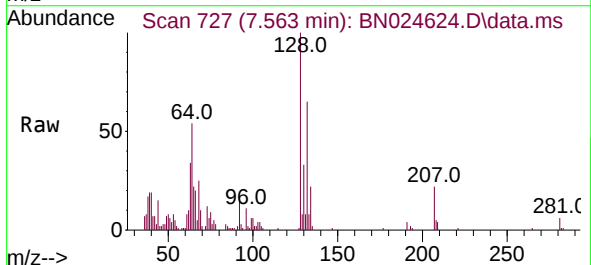
Tgt Ion: 94 Resp: 66633
Ion Ratio Lower Upper
94 100
65 31.1 23.7 35.5
66 39.0 29.9 44.9

Manual Integrations
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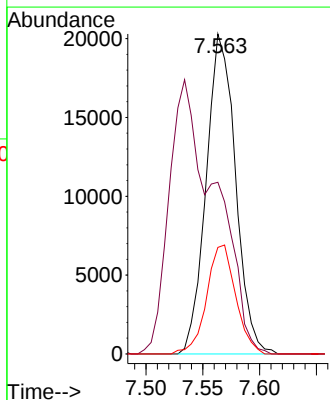
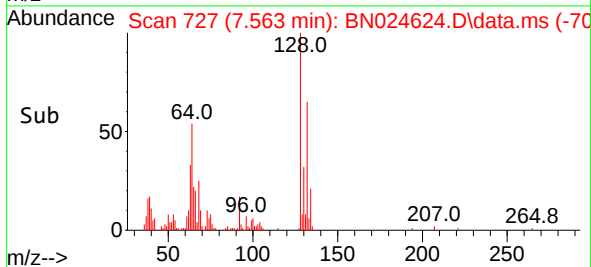
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Supervised By :Jagrut Upadhyay 03/30/2023

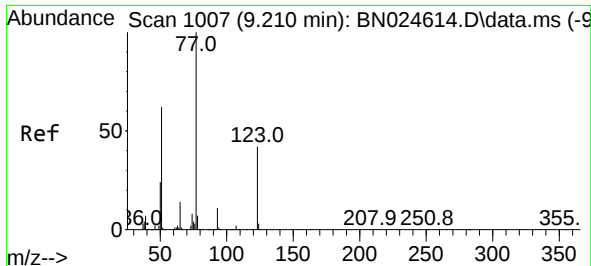


#12
2-Chlorophenol
Concen: 1.972 ng/ul
RT: 7.563 min Scan# 727
Delta R.T. 0.006 min
Lab File: BN024624.D
Acq: 30 Mar 2023 00:00



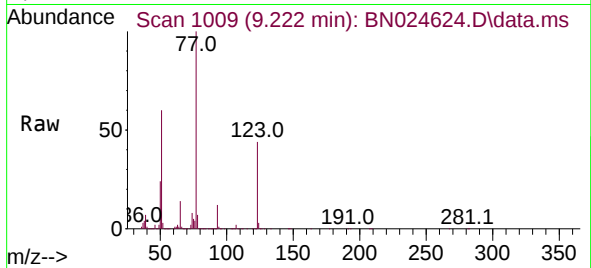
Tgt Ion:128 Resp: 36515
Ion Ratio Lower Upper
128 100
64 53.6 41.6 62.4
130 33.3 25.6 38.4





#22
Nitrobenzene
Concen: 77.754 ng/ul
RT: 9.222 min Scan# 1009
Delta R.T. 0.012 min
Lab File: BN024624.D
Acq: 30 Mar 2023 00:00

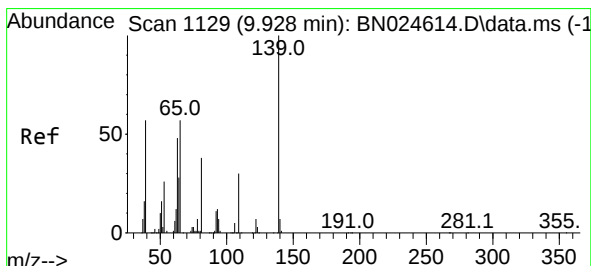
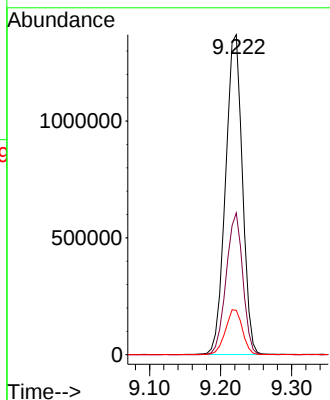
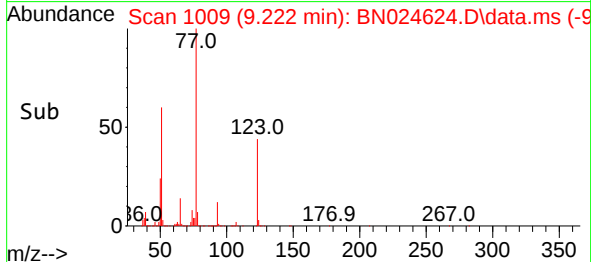
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Tgt Ion: 77 Resp: 226345
Ion Ratio Lower Upper
77 100
123 44.3 34.3 51.5
65 13.8 10.8 16.2

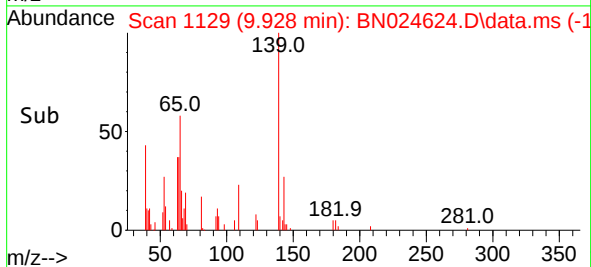
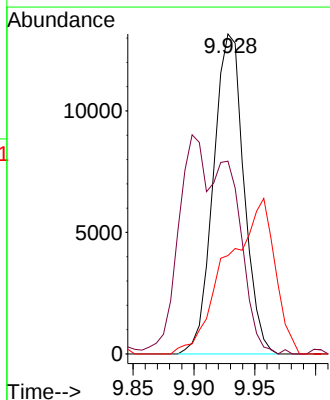
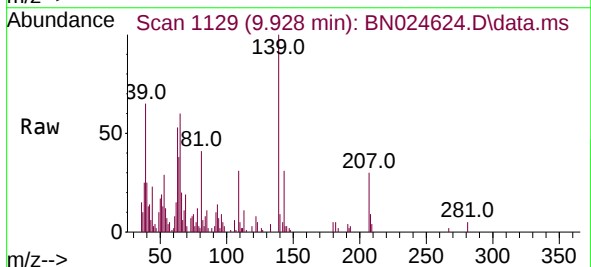
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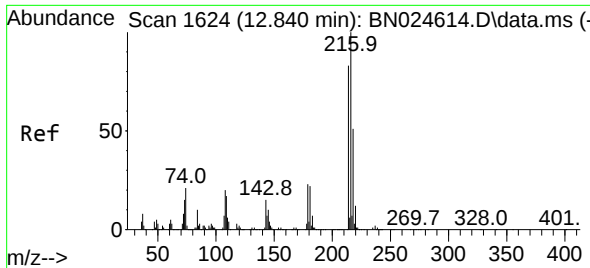
Reviewed By :Christian Giraldo 03/30/2023
Supervised By :Jagrut Upadhyay 03/30/2023



#25
2-Nitrophenol
Concen: 1.745 ng/ul
RT: 9.928 min Scan# 1129
Delta R.T. -0.000 min
Lab File: BN024624.D
Acq: 30 Mar 2023 00:00

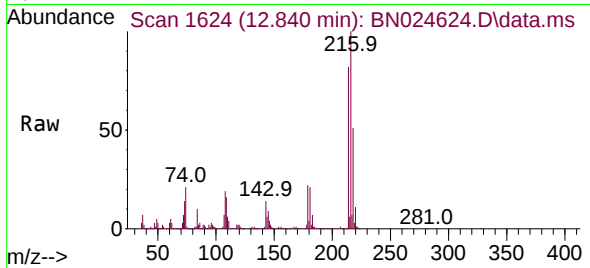
Tgt Ion:139 Resp: 23010
Ion Ratio Lower Upper
139 100
65 60.2 46.3 69.5
109 30.7 24.6 37.0





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.692 ng/ul
 RT: 12.840 min Scan# 1624
 Delta R.T. -0.000 min
 Lab File: BN024624.D
 Acq: 30 Mar 2023 00:00

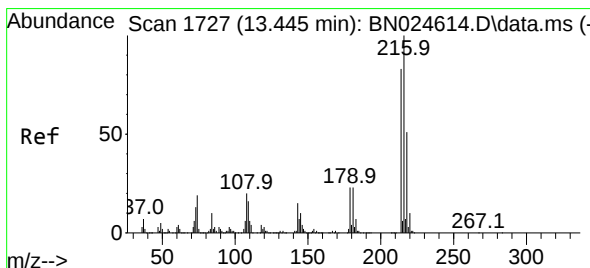
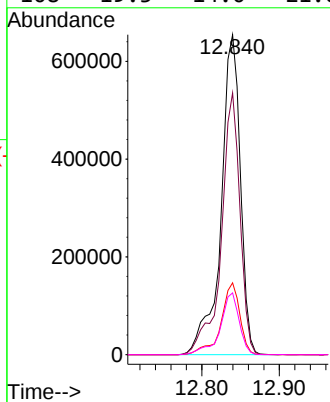
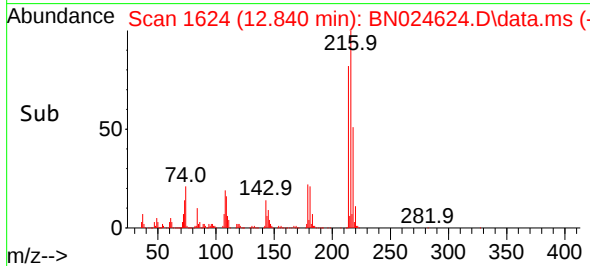
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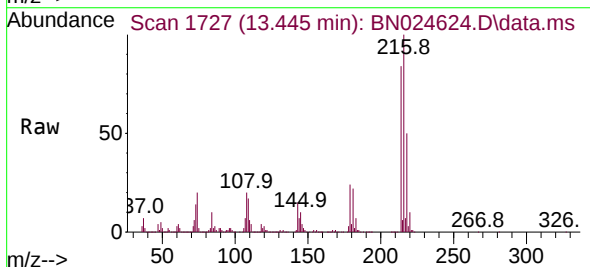
Tgt Ion:216 Resp: 1140292
 Ion Ratio Lower Upper
 216 100
 214 81.8 61.0 91.4
 179 22.4 15.7 23.5
 108 19.3 14.0 21.0

Manual Integrations
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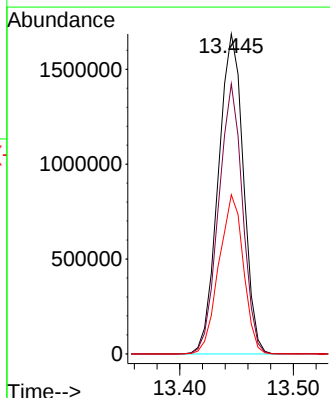
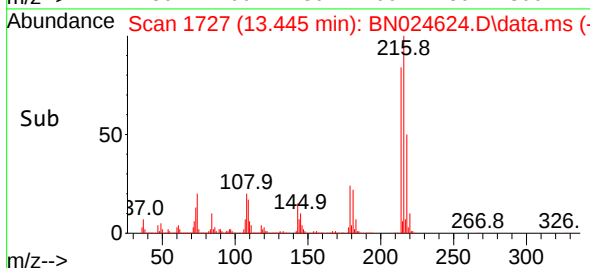
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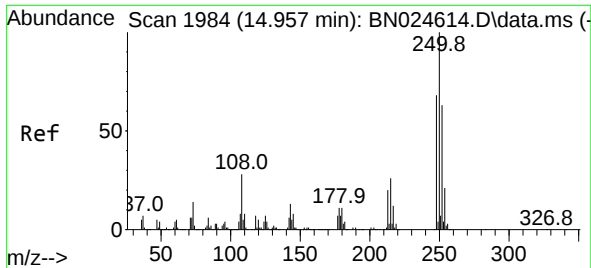


#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 98.227 ng/uL
 RT: 13.445 min Scan# 1727
 Delta R.T. -0.000 min
 Lab File: BN024624.D
 Acq: 30 Mar 2023 00:00



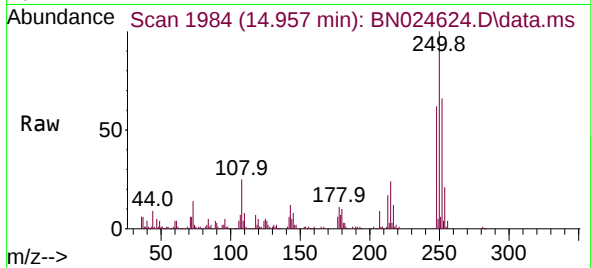
Tgt Ion:216 Resp: 2590244
 Ion Ratio Lower Upper
 216 100
 214 84.4 62.7 94.1
 218 49.7 38.0 57.0





#76
 Pentachlorobenzene
 Concen: 3.303 ng/uL
 RT: 14.957 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: BN024624.D
 Acq: 30 Mar 2023 00:00

Instrument :
 BNA_N
 ClientSampleId :
 COMB4



Tgt Ion:	250	Resp:	84605
Ion Ratio	Lower	Upper	
250	100		
248	61.6	50.5	75.7
252	66.4	50.9	76.3

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