

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
 Data File : BN025078.D
 Acq On : 22 Apr 2023 16:20
 Operator : CG/JU
 Sample : 2378-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COMK7

Quant Time: Apr 23 00:40:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Apr 23 00:37:14 2023
 Response via : Initial Calibration

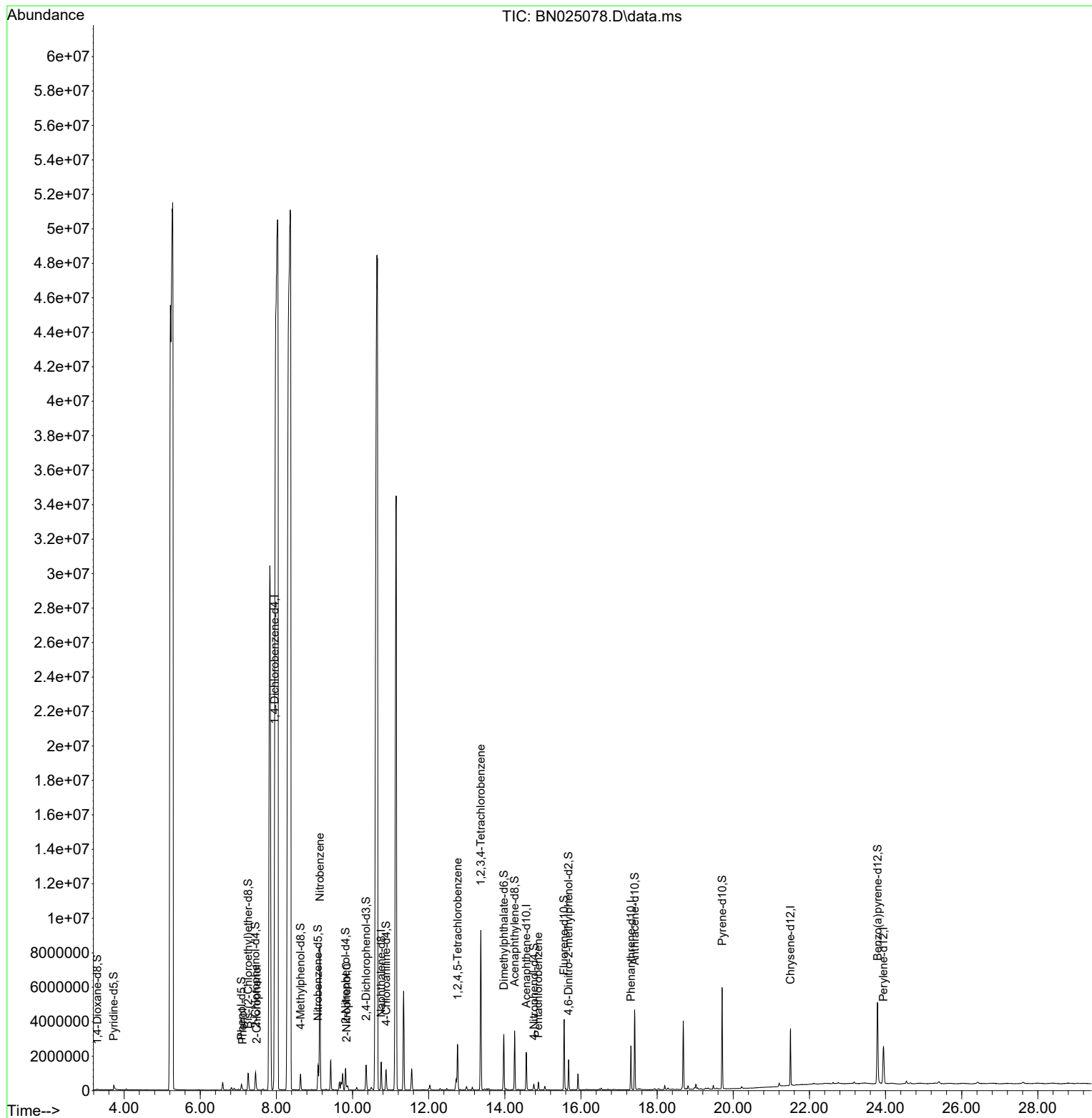
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	180246	20.000	ng/u1	0.04
20) Naphthalene-d8	10.752	136	1068106	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.563	164	643187	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.310	188	1417706	20.000	ng/u1	0.00
79) Chrysene-d12	21.504	240	1442270	20.000	ng/u1	0.00
88) Perylene-d12	23.945	264	1680403	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	23850	5.036	ng/uL	0.00
4) Pyridine-d5	3.728	84	153206	10.804	ng/u1	0.01
7) Phenol-d5	7.081	99	165024	9.391	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	545237	46.389	ng/u1	0.01
11) 2-Chlorophenol-d4	7.452	132	460774	35.680	ng/u1	0.00
15) 4-Methylphenol-d8	8.634	113	303831	21.779	ng/u1	0.00
21) Nitrobenzene-d5	9.093	128	302241	34.948	ng/u1	0.00
24) 2-Nitrophenol-d4	9.816	143	325264	34.723	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	500449	29.889	ng/u1	0.01
31) 4-Chloroaniline-d4	10.881	131	544190	21.417	ng/u1	0.01
46) Dimethylphthalate-d6	13.975	166	1804615	36.193	ng/u1	0.00
49) Acenaphthylene-d8	14.257	160	2025670	35.453	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	63166	6.180	ng/u1	0.00
60) Fluorene-d10	15.557	176	1482283	35.210	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	278180	30.151	ng/u1	0.00
73) Anthracene-d10	17.410	188	2426757	36.446	ng/u1	0.00
81) Pyrene-d10	19.710	212	2940958	35.116	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.792	264	3244386	36.926	ng/u1	0.01
Target Compounds						
					Qvalue	
8) Phenol	7.111	94	32325	1.766	ng/u1	99
12) 2-Chlorophenol	7.481	128	22861	1.695	ng/u1#	88
22) Nitrobenzene	9.140	77	4264049	183.490	ng/u1	99
25) 2-Nitrophenol	9.846	139	40423	4.000	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.757	216	740181	39.453	ng/u1	98
75) 1,2,3,4-Tetrachloroben...	13.369	216	2484837	123.228	ng/uL	98
76) Pentachlorobenzene	14.881	250	99093	5.136	ng/uL	99

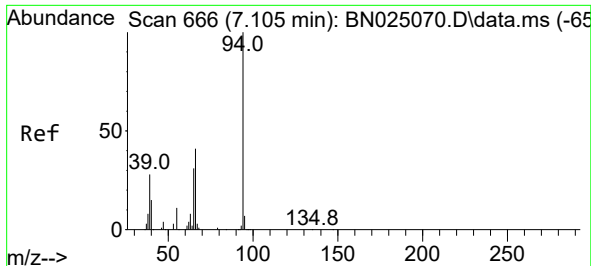
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Phenol

Concen: 1.766 ng/ul

RT: 7.111 min Scan# 6

Delta R.T. 0.006 min

Lab File: BN025078.D

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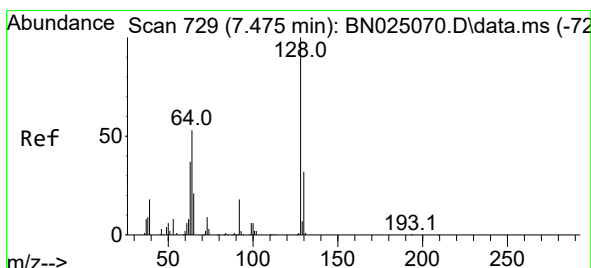
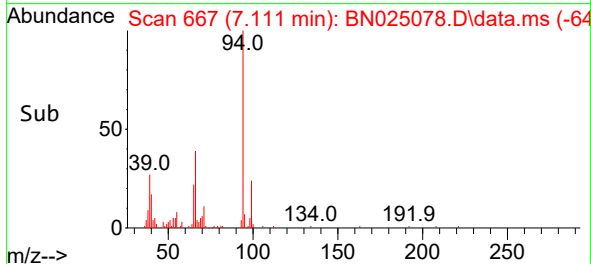
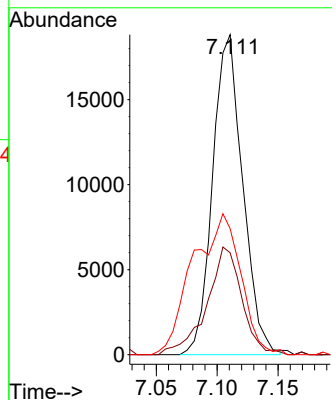
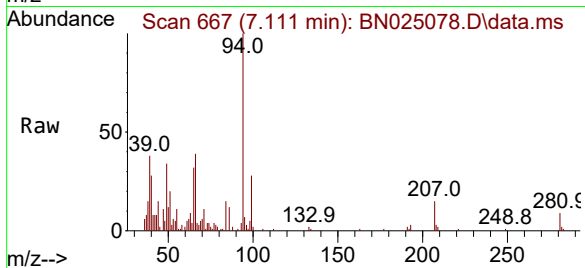
Tgt Ion: 94 Resp: 32325

Ion Ratio Lower Upper

94 100

65 31.9 25.1 37.7

66 39.4 31.9 47.9



#12

2-Chlorophenol

Concen: 1.695 ng/ul

RT: 7.481 min Scan# 730

Delta R.T. 0.006 min

Lab File: BN025078.D

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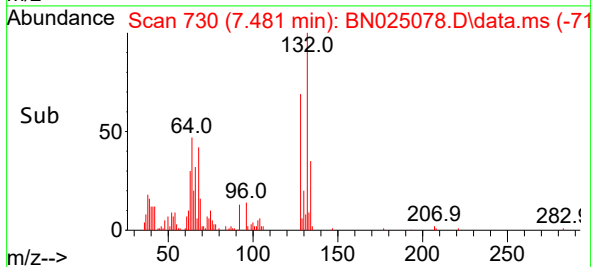
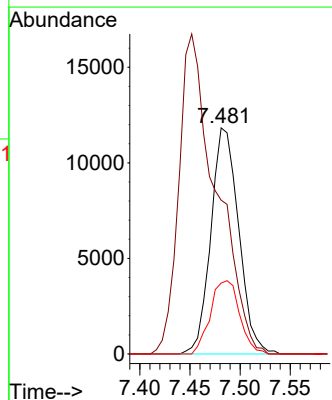
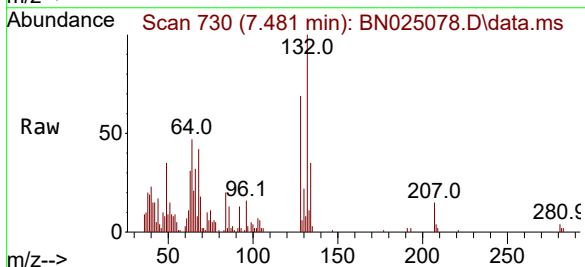
Tgt Ion:128 Resp: 22861

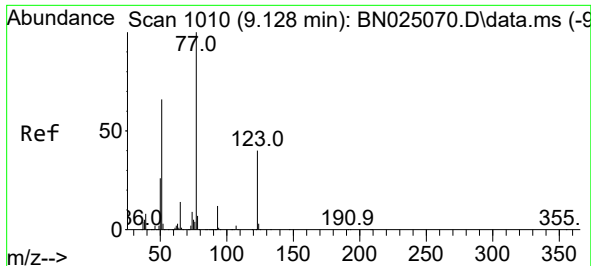
Ion Ratio Lower Upper

128 100

64 68.0 44.8 67.2#

130 31.3 26.6 39.8

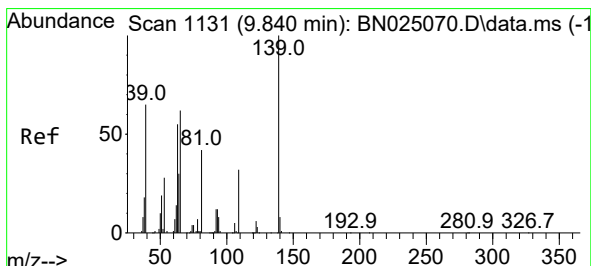
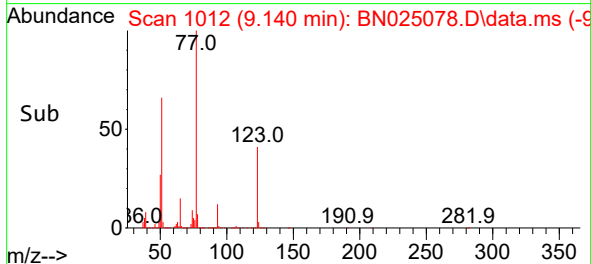
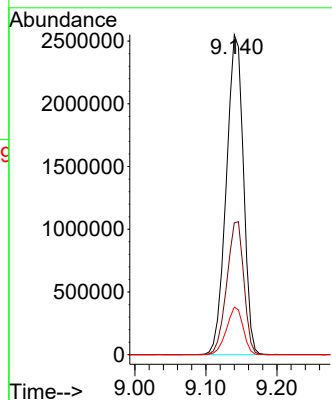
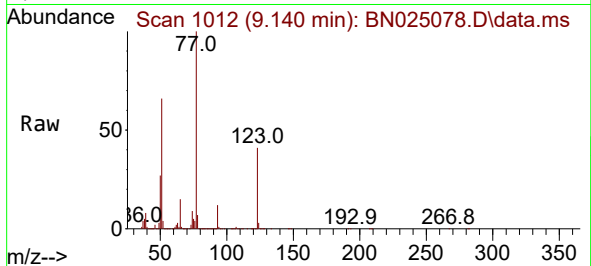




#22
Nitrobenzene
Concen: 183.490 ng/ul
RT: 9.140 min Scan# 1010
Delta R.T. 0.012 min
Lab File: BN025078.D
Acq: 22 Apr 2023 16:20

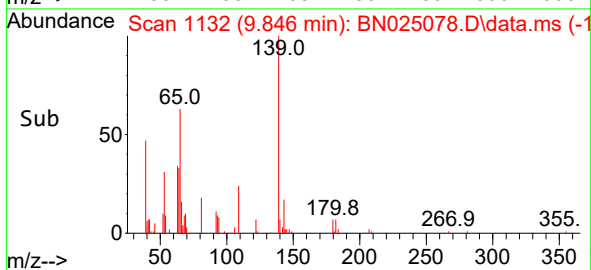
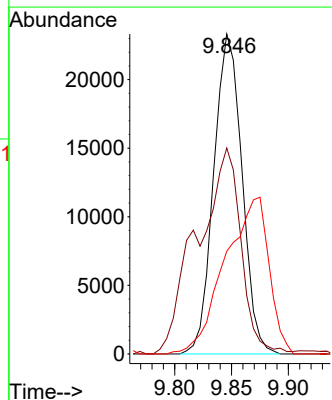
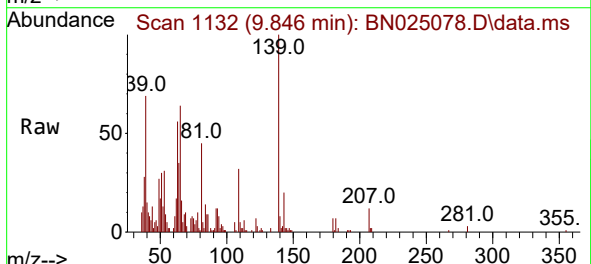
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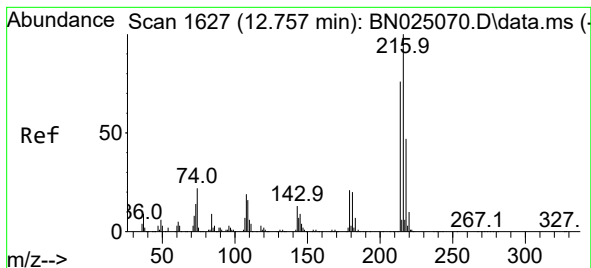
Tgt Ion: 77 Resp: 4264049
Ion Ratio Lower Upper
77 100
123 41.2 33.5 50.3
65 14.8 11.8 17.8



#25
2-Nitrophenol
Concen: 4.000 ng/ul
RT: 9.846 min Scan# 1132
Delta R.T. 0.006 min
Lab File: BN025078.D
Acq: 22 Apr 2023 16:20

Tgt Ion:139 Resp: 40423
Ion Ratio Lower Upper
139 100
65 64.4 49.8 74.8
109 32.1 26.2 39.2

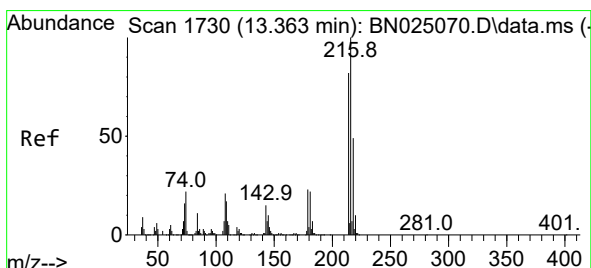
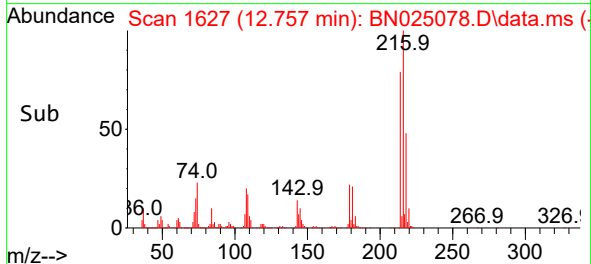
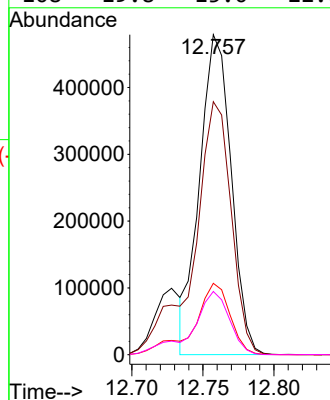
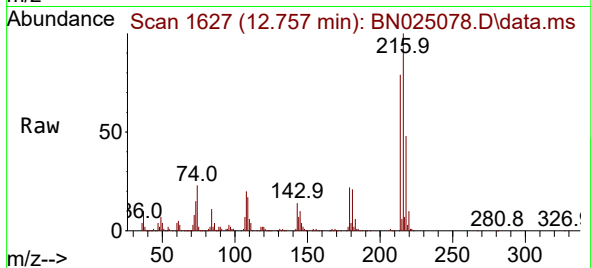




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.453 ng/ul
 RT: 12.757 min Scan# 1627
 Delta R.T. 0.000 min
 Lab File: BN025078.D
 Acq: 22 Apr 2023 16:20

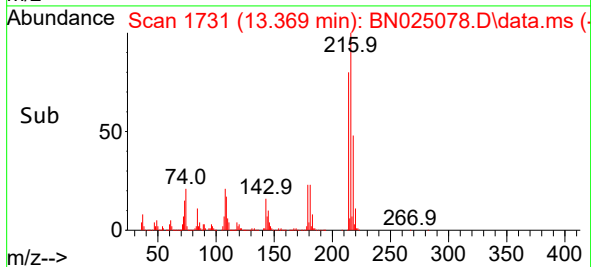
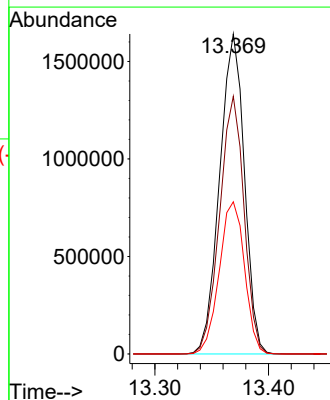
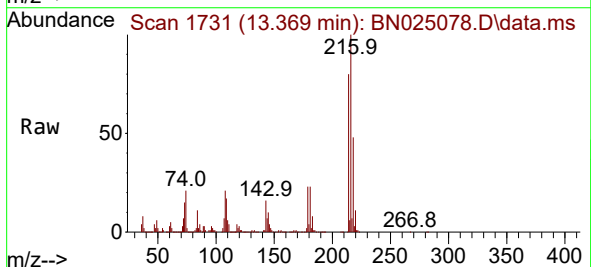
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 BNA_N
 ClientSampleId :
 COMK7

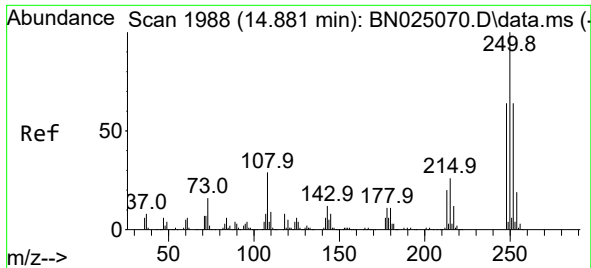
Tgt Ion:	216	Resp:	740181
Ion Ratio	Lower	Upper	
216	100		
214	79.0	62.2	93.4
179	22.3	16.8	25.2
108	19.8	15.0	22.6



#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 123.228 ng/ul
 RT: 13.369 min Scan# 1731
 Delta R.T. 0.006 min
 Lab File: BN025078.D
 Acq: 22 Apr 2023 16:20

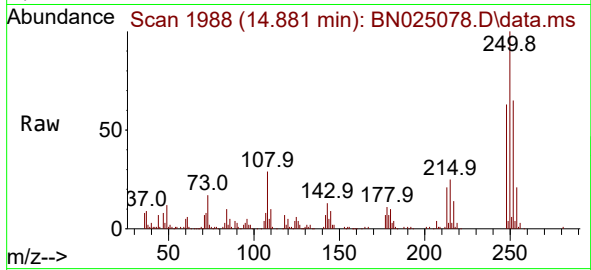
Tgt Ion:	216	Resp:	2484837
Ion Ratio	Lower	Upper	
216	100		
214	80.5	62.5	93.7
218	47.6	37.7	56.5





#76
 Pentachlorobenzene
 Concen: 5.136 ng/uL
 RT: 14.881 min Scan# 1988
 Delta R.T. 0.000 min
 Lab File: BN025078.D
 Acq: 22 Apr 2023 16:20

Instrument :
 BNA_N
 ClientSampleId :
 COMK7



Tgt Ion:250 Resp: 99093
 Ion Ratio Lower Upper
 250 100
 248 63.3 50.8 76.2
 252 65.4 51.8 77.6

