

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040424\
 Data File : BN030612.D
 Acq On : 02 Apr 2024 13:52
 Operator : MA/JU
 Sample : P1925-18
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

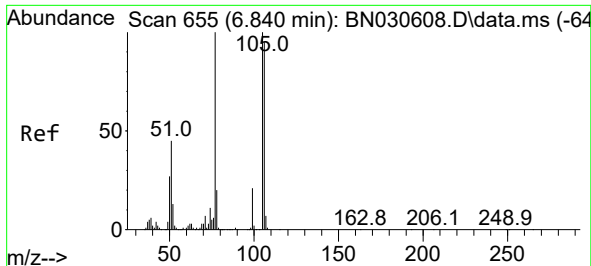
Instrument :
 BNA_N
 ClientSampleId :
 PMW-5(20240328)

Quant Time: Apr 02 22:18:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 12:24:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.698	152	230483	20.000	ng/ul	0.00
20) Naphthalene-d8	10.534	136	1012618	20.000	ng/ul	0.05
38) Acenaphthene-d10	14.333	164	594247	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.086	188	1453792	20.000	ng/ul	0.00
79) Chrysene-d12	21.321	240	1352233	20.000	ng/ul	0.00
88) Perylene-d12	24.262	264	1410612	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	33889	6.894	ng/uL	-0.01
4) Pyridine-d5	3.599	84	206183	13.989	ng/ul	0.00
7) Phenol-d5	6.857	99	193507	10.379	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	447942	38.897	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.222	132	493920	34.920	ng/ul	0.00
15) 4-Methylphenol-d8	8.392	113	345074	22.083	ng/ul	0.00
21) Nitrobenzene-d5	8.851	128	311421	44.334	ng/ul	0.00
24) 2-Nitrophenol-d4	9.569	143	311839	48.527	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	558676	39.712	ng/ul	0.02
31) 4-Chloroaniline-d4	10.639	131	620919	26.809	ng/ul	0.02
46) Dimethylphthalate-d6	13.751	166	1872927	47.206	ng/ul	0.00
49) Acenaphthylene-d8	14.027	160	2231915	48.927	ng/ul	0.00
54) 4-Nitrophenol-d4	14.533	143	83963	11.064	ng/ul	0.00
60) Fluorene-d10	15.333	176	1632065	47.008	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	217770	33.937	ng/ul	0.00
73) Anthracene-d10	17.186	188	2560177	40.872	ng/ul	0.00
81) Pyrene-d10	19.486	212	2983093	41.032	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.068	264	2810478	43.240	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.840	77	218390	25.152	ng/ul#	1
13) 2-Methylphenol	8.128	108	50264	3.358	ng/ul	91
16) Acetophenone	8.487	105	389873	15.802	ng/ul#	32
18) 4-Methylphenol	8.451	108	70353	4.199	ng/ul	97
30) Naphthalene	10.575	128	4954634	95.400	ng/ul	99
32) 4-Chloroaniline	10.575	127	670900	30.057	ng/ul#	9
34) Caprolactam	11.422	113	51710	9.639	ng/ul	99
37) 1-Methylnaphthalene	12.363	142	59226	1.609	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.510	216	134605	8.777	ng/ul	97
41) 2,4,6-Trichlorophenol	12.828	196	149054	15.554	ng/ul	97
42) 2,4,5-Trichlorophenol	12.828	196	149054	13.772	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.463	198	10517	1.525	ng/ul#	39
75) 1,2,3,4-Tetrachloroben...	13.122	216	87717	4.911	ng/uL	97

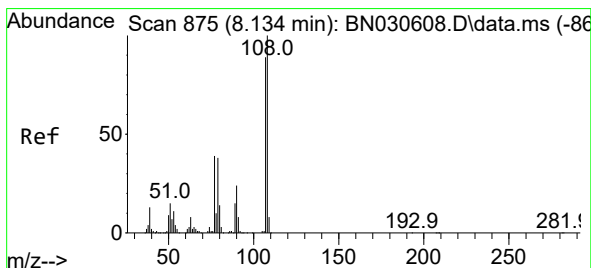
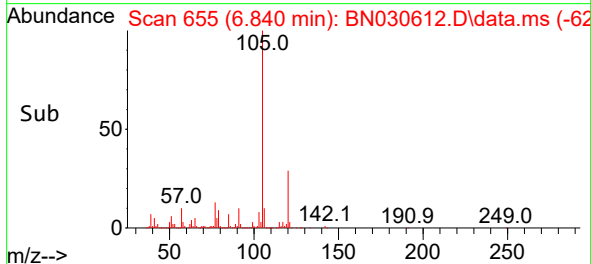
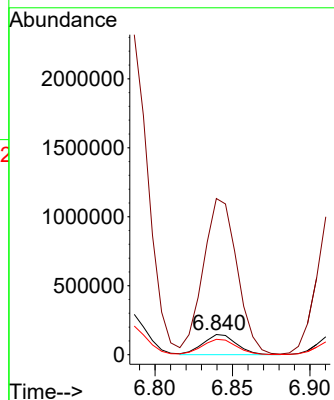
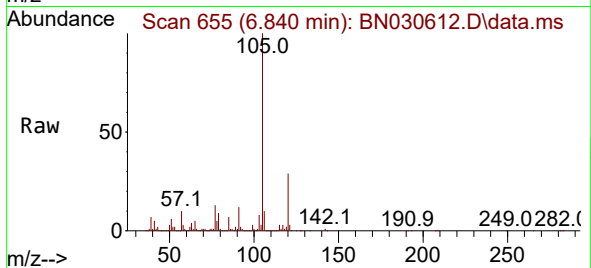
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#6
Benzaldehyde
Concen: 25.152 ng/ul
RT: 6.840 min Scan# 61
Delta R.T. -0.006 min
Lab File: BN030612.D
Acq: 02 Apr 2024 13:52

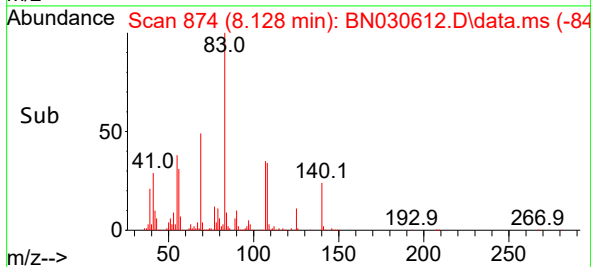
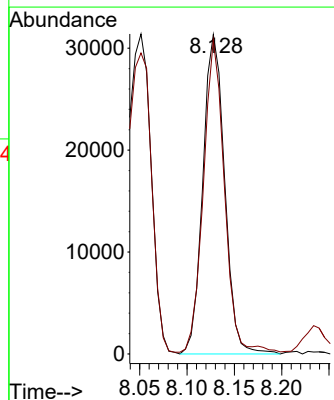
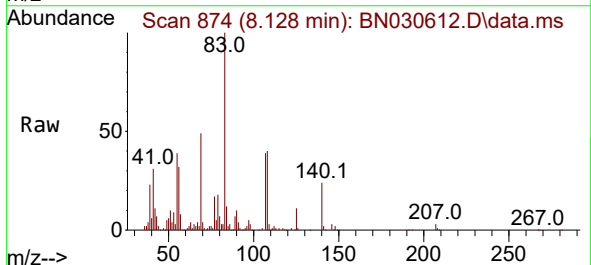
Instrument :
BNA_N
ClientSampleId :
PMW-5(20240328)

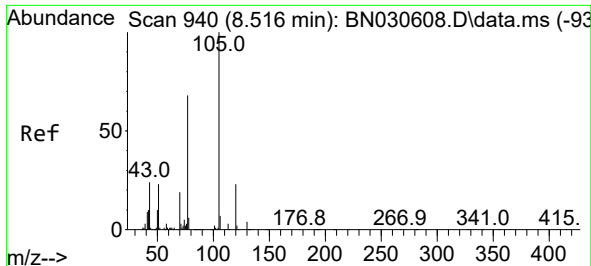
Tgt Ion: 77 Resp: 218390
Ion Ratio Lower Upper
77 100
105 774.1 78.1 117.1#
106 76.1 75.6 113.4



#13
2-Methylphenol
Concen: 3.358 ng/ul
RT: 8.128 min Scan# 874
Delta R.T. -0.006 min
Lab File: BN030612.D
Acq: 02 Apr 2024 13:52

Tgt Ion: 108 Resp: 50264
Ion Ratio Lower Upper
108 100
107 98.4 71.8 107.8

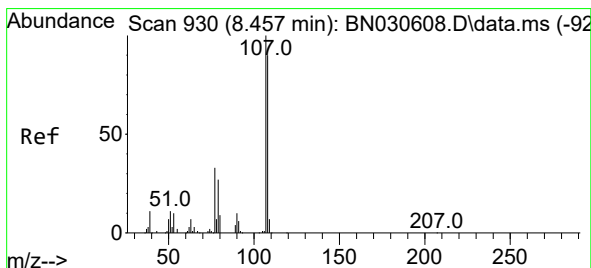
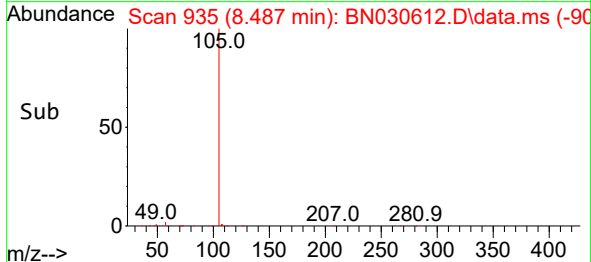
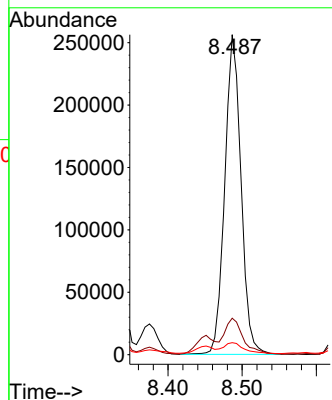
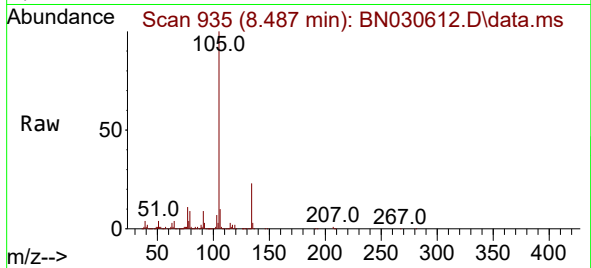




#16
Acetophenone
Concen: 15.802 ng/ul
RT: 8.487 min Scan# 91
Delta R.T. -0.030 min
Lab File: BN030612.D
Acq: 02 Apr 2024 13:52

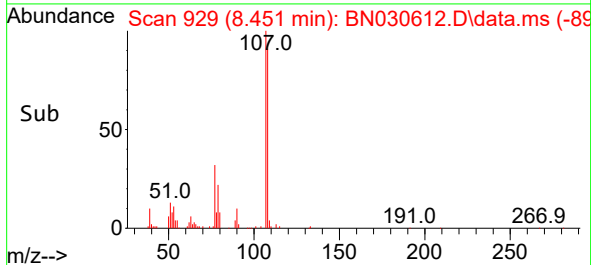
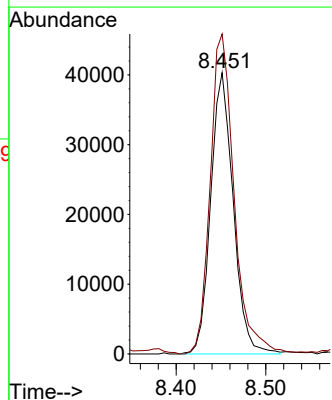
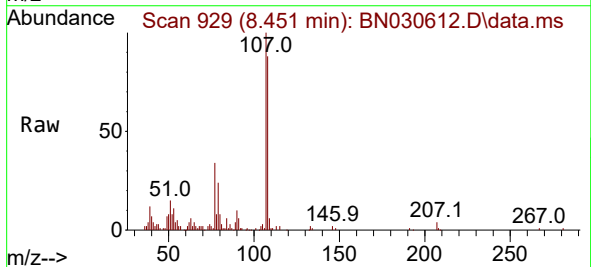
Instrument :
BNA_N
ClientSampleId :
PMW-5(20240328)

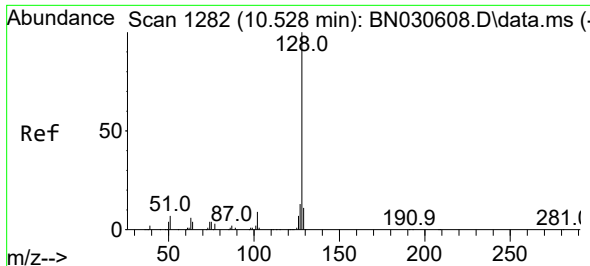
Tgt Ion:105 Resp: 389873
Ion Ratio Lower Upper
105 100
77 11.4 61.2 91.8#
51 3.8 21.0 31.4#



#18
4-Methylphenol
Concen: 4.199 ng/ul
RT: 8.451 min Scan# 929
Delta R.T. -0.012 min
Lab File: BN030612.D
Acq: 02 Apr 2024 13:52

Tgt Ion:108 Resp: 70353
Ion Ratio Lower Upper
108 100
107 113.7 88.1 132.1

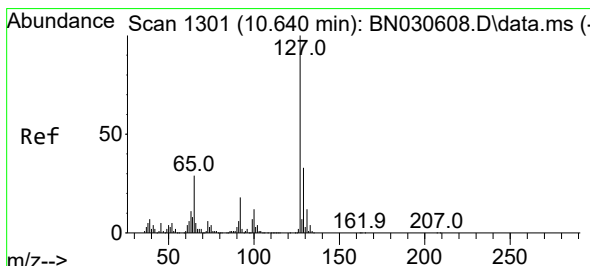
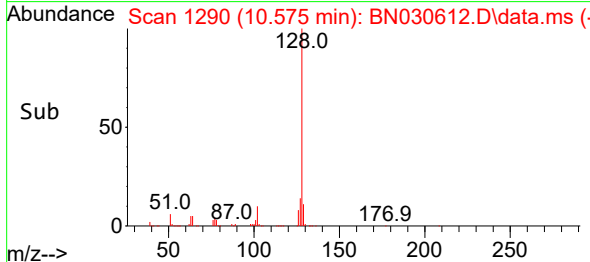
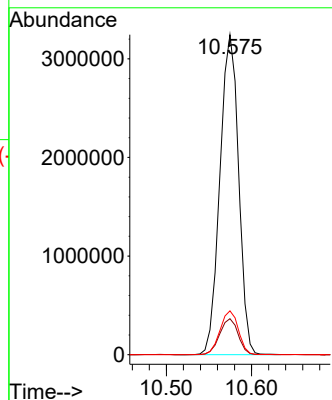
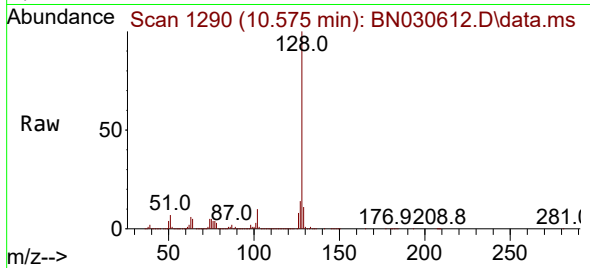




#30
Naphthalene
Concen: 95.400 ng/ul
RT: 10.575 min Scan# 1290
Delta R.T. 0.041 min
Lab File: BN030612.D
Acq: 02 Apr 2024 13:52

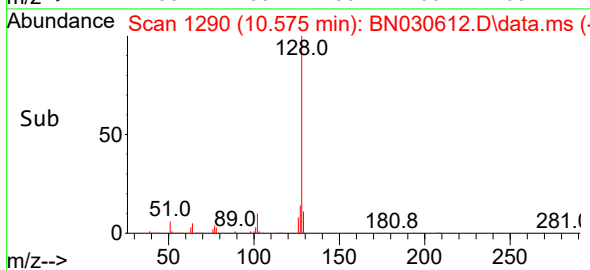
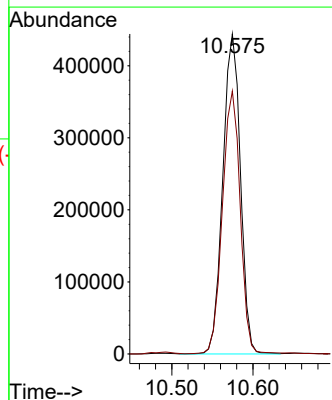
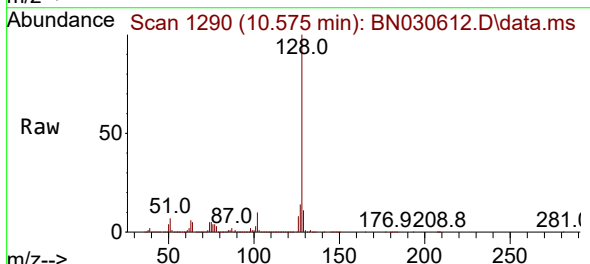
Instrument :
BNA_N
ClientSampleId :
PMW-5(20240328)

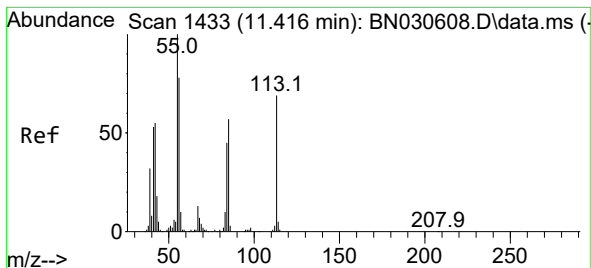
Tgt Ion:128 Resp: 4954634
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.7 10.5 15.7



#32
4-Chloroaniline
Concen: 30.057 ng/ul
RT: 10.575 min Scan# 1290
Delta R.T. -0.071 min
Lab File: BN030612.D
Acq: 02 Apr 2024 13:52

Tgt Ion:127 Resp: 670900
Ion Ratio Lower Upper
127 100
129 82.2 25.3 37.9#





#34

Caprolactam

Concen: 9.639 ng/ul

RT: 11.422 min Scan# 1434

Delta R.T. 0.005 min

Lab File: BN030612.D

Acq: 02 Apr 2024 13:52

Instrument :

BNA_N

ClientSampleId :

PMW-5(20240328)

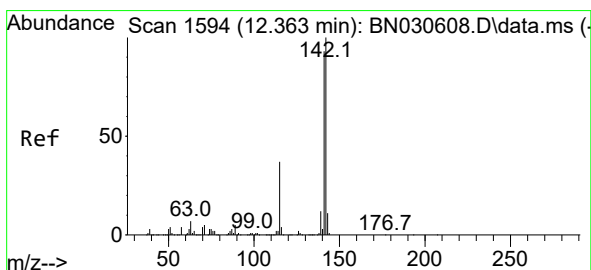
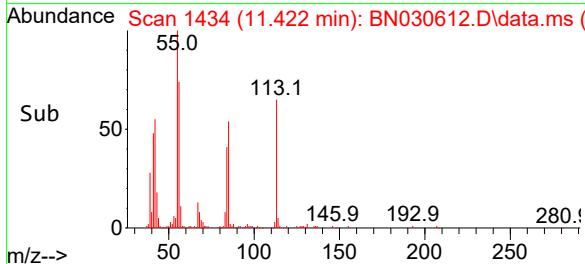
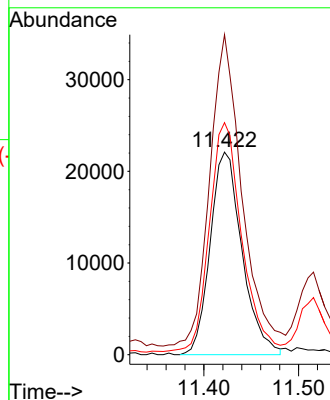
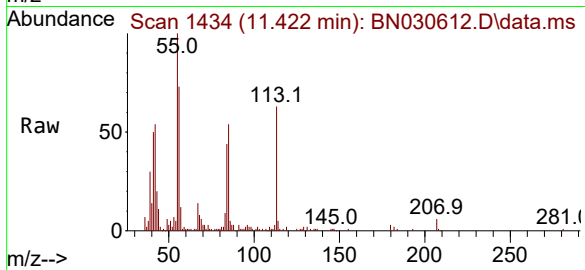
Tgt Ion:113 Resp: 51710

Ion Ratio Lower Upper

113 100

55 157.9 124.7 187.1

56 114.5 90.6 135.8



#37

1-Methylnaphthalene

Concen: 1.609 ng/ul

RT: 12.363 min Scan# 1594

Delta R.T. -0.006 min

Lab File: BN030612.D

Acq: 02 Apr 2024 13:52

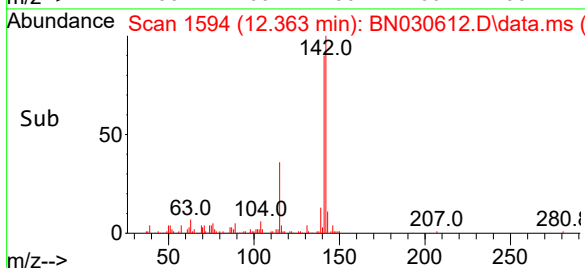
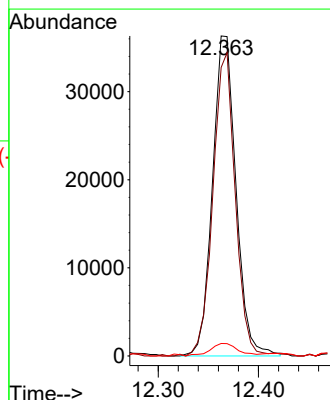
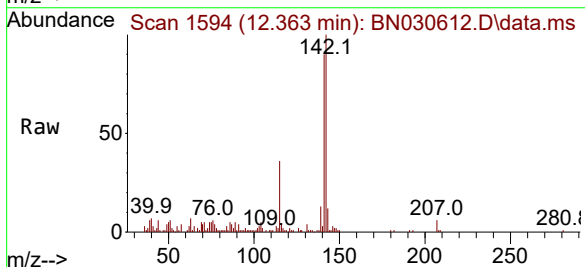
Tgt Ion:142 Resp: 59226

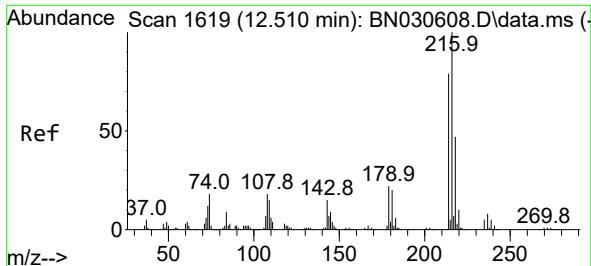
Ion Ratio Lower Upper

142 100

141 90.2 73.0 109.4

116 3.9 2.9 4.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 8.777 ng/ul

RT: 12.510 min Scan# 1

Delta R.T. -0.006 min

Lab File: BN030612.D

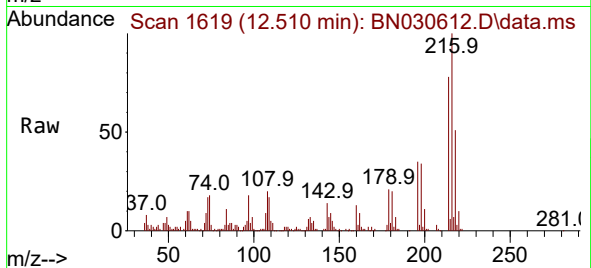
Acq: 02 Apr 2024 13:52

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:216 Resp: 134605

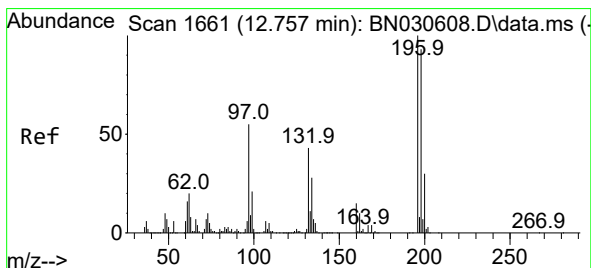
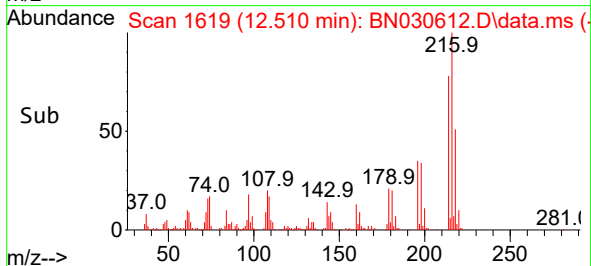
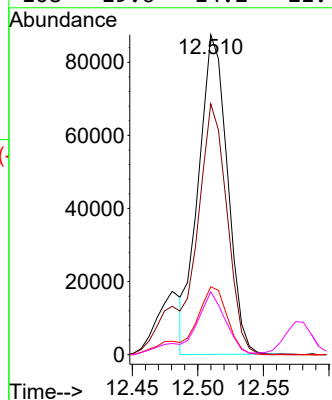
Ion Ratio Lower Upper

216 100

214 78.4 60.9 91.3

179 21.2 17.4 26.0

108 19.6 14.2 21.4



#41

2,4,6-Trichlorophenol

Concen: 15.554 ng/ul

RT: 12.828 min Scan# 1673

Delta R.T. 0.064 min

Lab File: BN030612.D

Acq: 02 Apr 2024 13:52

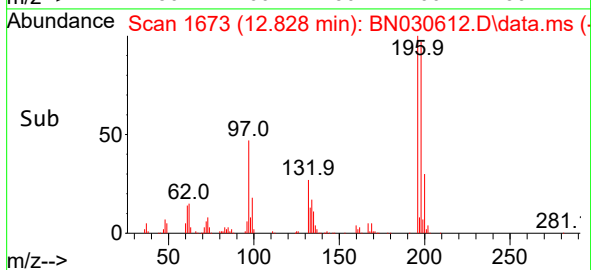
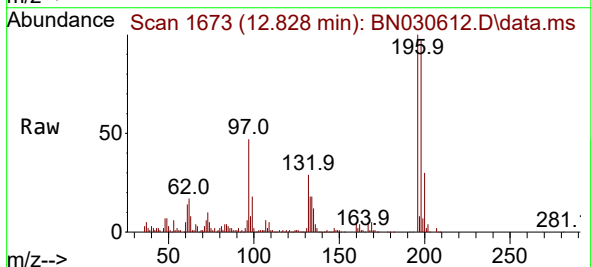
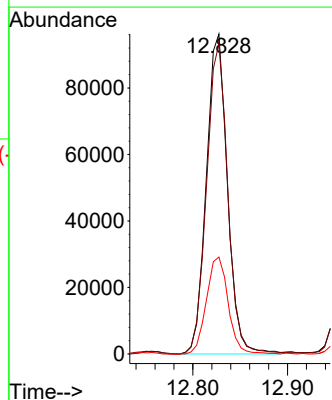
Tgt Ion:196 Resp: 149054

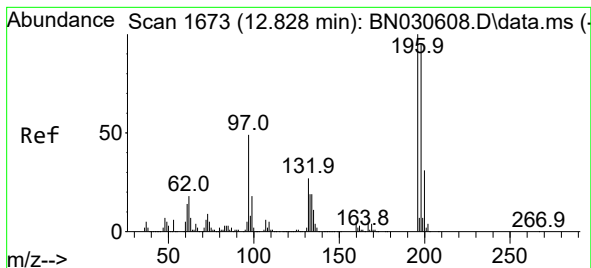
Ion Ratio Lower Upper

196 100

198 97.0 74.6 111.8

200 30.3 24.8 37.2





#42

2,4,5-Trichlorophenol

Concen: 13.772 ng/ul

RT: 12.828 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN030612.D

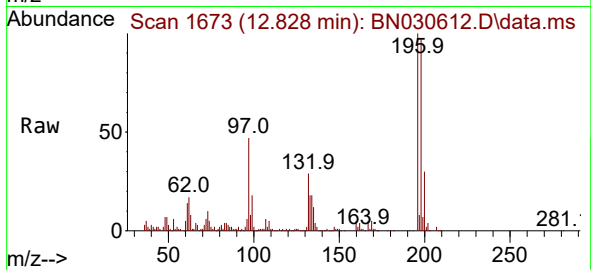
Acq: 02 Apr 2024 13:52

Instrument :

BNA_N

ClientSampleId :

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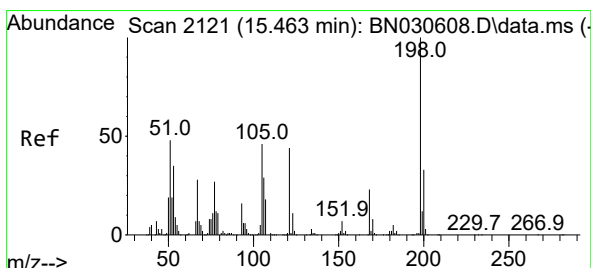
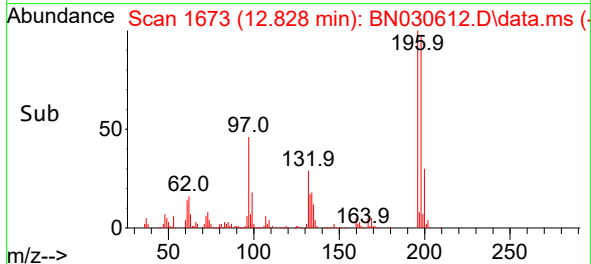
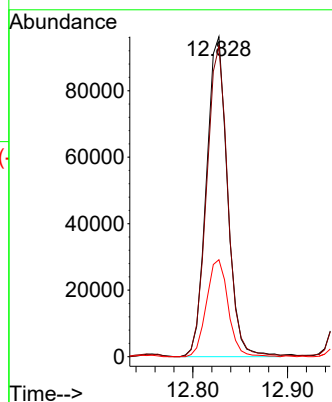
Tgt Ion:196 Resp: 149054

Ion Ratio Lower Upper

196 100

198 97.0 73.0 109.6

200 30.3 25.2 37.8



#66

4,6-Dinitro-2-methylphenol

Concen: 1.525 ng/ul

RT: 15.463 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BN030612.D

Acq: 02 Apr 2024 13:52

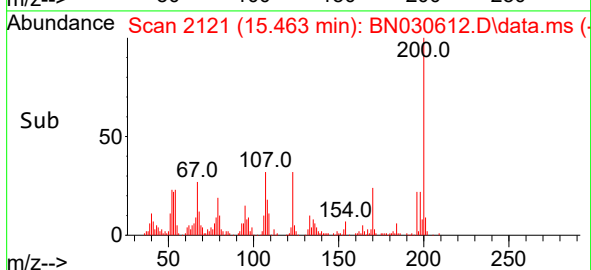
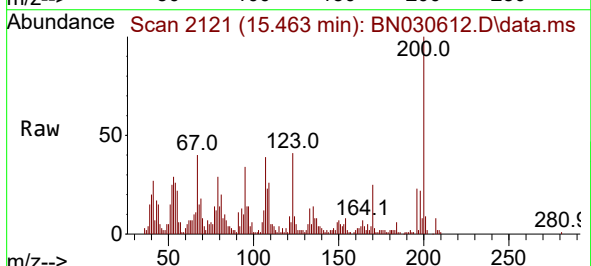
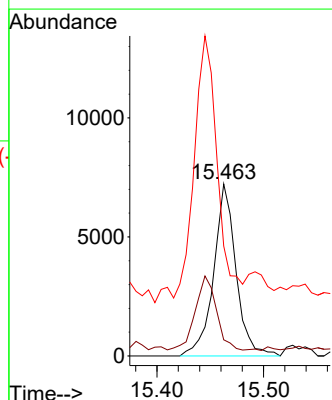
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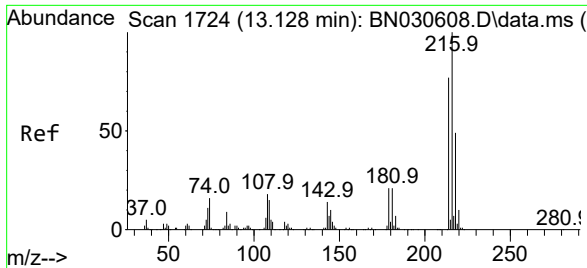
Ion Ratio Lower Upper

198 100

182 9.4 3.6 5.4#

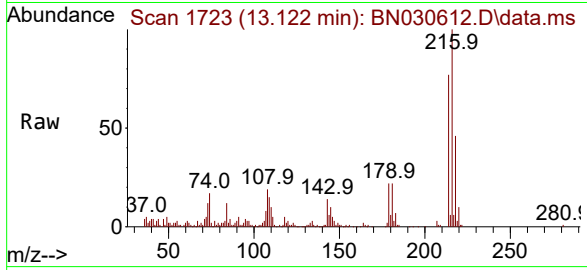
77 63.9 22.2 33.4#





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.911 ng/uL
RT: 13.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN030612.D
Acq: 02 Apr 2024 13:52

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Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.1	94.7
218	46.3	39.5	59.3

