

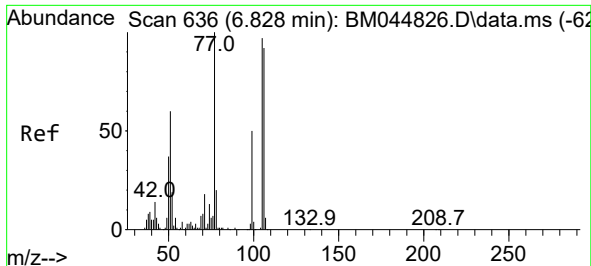
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040124\
 Data File : BM044871.D
 Acq On : 01 Apr 2024 18:40
 Operator : MA/JU
 Sample : P1925-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DUP-1(20240328)

Quant Time: Apr 01 22:13:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 13:54:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	98803	20.000	ng/ul	0.00
20) Naphthalene-d8	10.492	136	356341	20.000	ng/ul	0.05
38) Acenaphthene-d10	14.304	164	218318	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.063	188	412188	20.000	ng/ul	0.00
79) Chrysene-d12	21.262	240	332148	20.000	ng/ul	0.00
88) Perylene-d12	23.486	264	388658	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	14756	5.065	ng/uL	0.00
4) Pyridine-d5	3.640	84	84929	9.905	ng/ul	0.00
7) Phenol-d5	6.840	99	89994	8.859	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	211337	33.682	ng/ul	0.00
11) 2-Chlorophenol-d4	7.198	132	204771	27.431	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	140010	17.550	ng/ul	0.00
21) Nitrobenzene-d5	8.828	128	127690	42.555	ng/ul	0.00
24) 2-Nitrophenol-d4	9.545	143	134966	41.724	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	211313	38.384	ng/ul	0.02
31) 4-Chloroaniline-d4	10.610	131	196572	21.499	ng/ul	0.02
46) Dimethylphthalate-d6	13.727	166	635020	37.080	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	734960	37.525	ng/ul	0.00
54) 4-Nitrophenol-d4	14.545	143	27927	7.863	ng/ul	0.01
60) Fluorene-d10	15.304	176	545886	37.931	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	92743	34.662	ng/ul	-0.01
73) Anthracene-d10	17.163	188	827571	42.004	ng/ul	0.00
81) Pyrene-d10	19.462	212	888982	43.638	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.350	264	863924	42.290	ng/ul	-0.01
Target Compounds						
6) Benzaldehyde	6.810	77	109710	24.796	ng/ul#	1
13) 2-Methylphenol	8.104	108	20019	2.545	ng/ul	87
18) 4-Methylphenol	8.434	108	27617	3.225	ng/ul	97
29) 2,4-Dichlorophenol	10.122	162	14528	2.643	ng/ul	91
30) Naphthalene	10.528	128	2077413	102.933	ng/ul	99
36) 2-Methylnaphthalene	12.110	142	36415	2.713	ng/ul	97
37) 1-Methylnaphthalene	12.328	142	20470	1.546	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.475	216	44391	7.147	ng/ul	96
42) 2,4,5-Trichlorophenol	12.804	196	50645	10.853	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.469	198	3246	1.135	ng/ul#	1
75) 1,2,3,4-Tetrachloroben...	13.092	216	29233	5.310	ng/uL	98

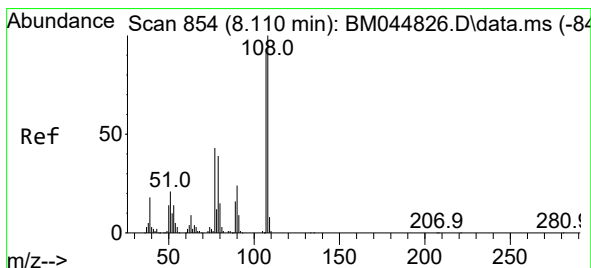
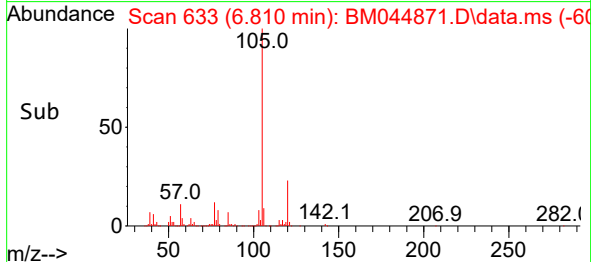
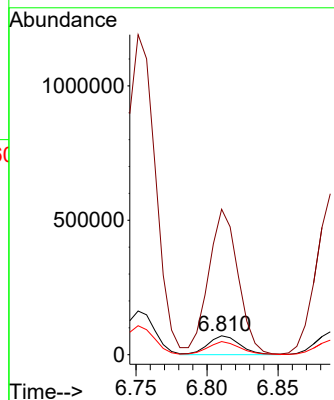
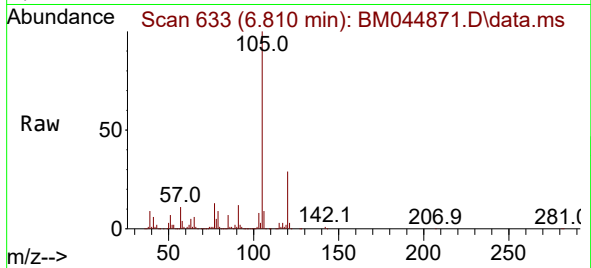
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#6
Benzaldehyde
Concen: 24.796 ng/ul
RT: 6.810 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM044871.D
Acq: 01 Apr 2024 18:40

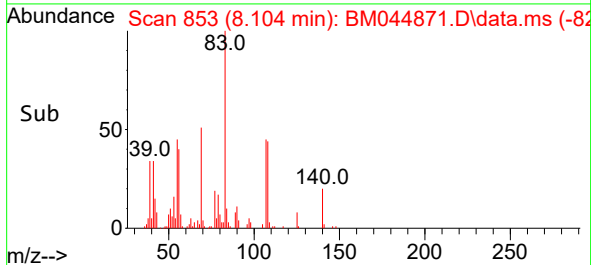
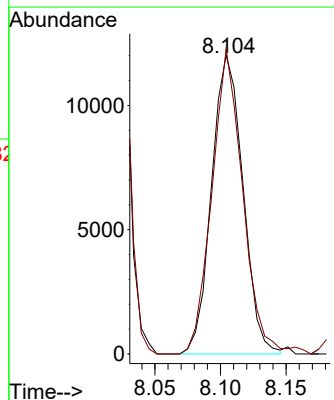
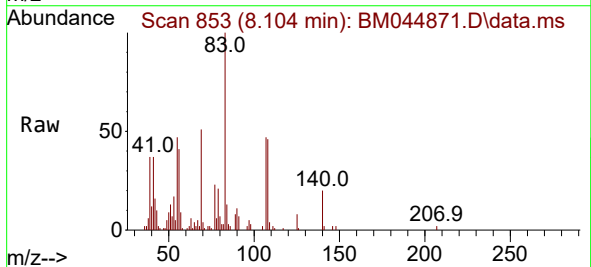
Instrument :
BNA_M
ClientSampleId :
DUP-1(20240328)

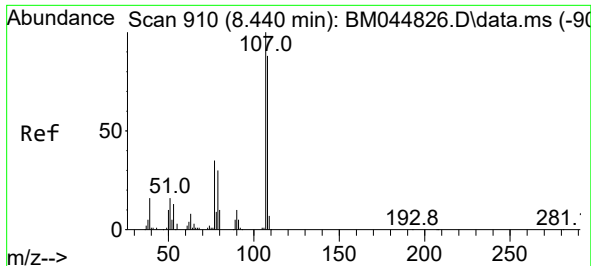
Tgt Ion: 77 Resp: 109710
Ion Ratio Lower Upper
77 100
105 769.4 81.4 122.0#
106 69.1 80.2 120.4#



#13
2-Methylphenol
Concen: 2.545 ng/ul
RT: 8.104 min Scan# 853
Delta R.T. -0.006 min
Lab File: BM044871.D
Acq: 01 Apr 2024 18:40

Tgt Ion: 108 Resp: 20019
Ion Ratio Lower Upper
108 100
107 102.0 71.7 107.5





#18

4-Methylphenol

Concen: 3.225 ng/ul

RT: 8.434 min Scan# 910

Delta R.T. -0.006 min

Lab File: BM044871.D

Acq: 01 Apr 2024 18:40

Instrument :

BNA_M

ClientSampleId :

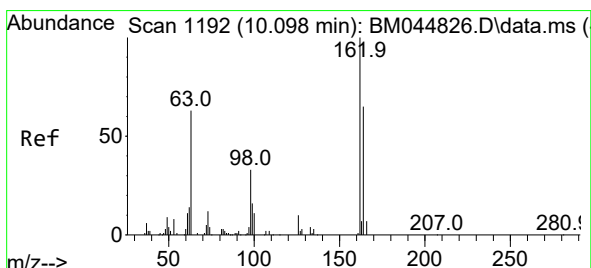
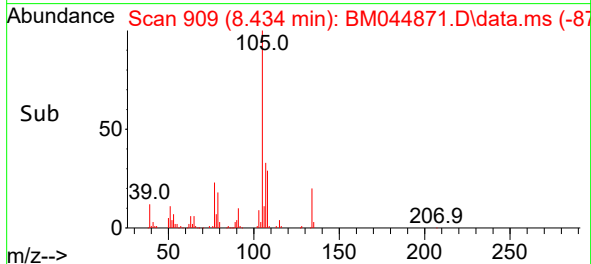
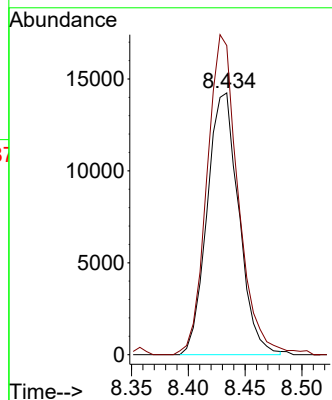
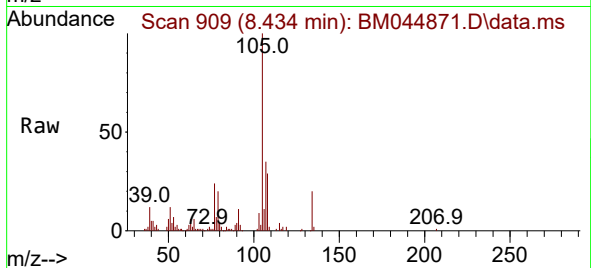
DUP-1(20240328)

Tgt Ion:108 Resp: 27617

Ion Ratio Lower Upper

108 100

107 118.1 91.8 137.8



#29

2,4-Dichlorophenol

Concen: 2.643 ng/ul

RT: 10.122 min Scan# 1196

Delta R.T. 0.024 min

Lab File: BM044871.D

Acq: 01 Apr 2024 18:40

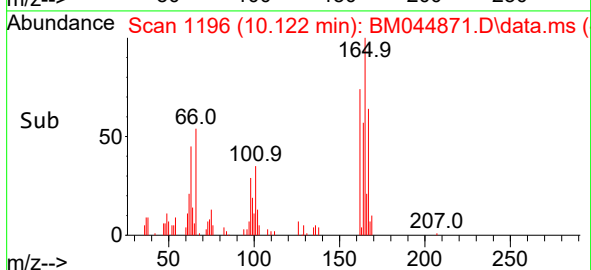
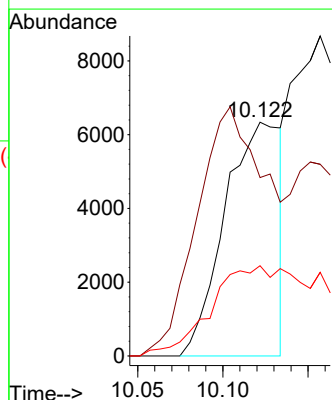
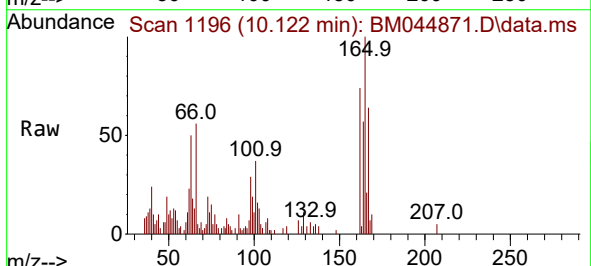
Tgt Ion:162 Resp: 14528

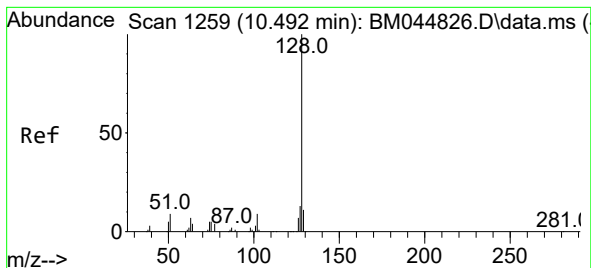
Ion Ratio Lower Upper

162 100

164 76.3 52.7 79.1

98 38.6 30.1 45.1





#30

Naphthalene

Concen: 102.933 ng/ul

RT: 10.528 min Scan# 1

Delta R.T. 0.035 min

Lab File: BM044871.D

Acq: 01 Apr 2024 18:40

Instrument :

BNA_M

ClientSampleId :

DUP-1(20240328)

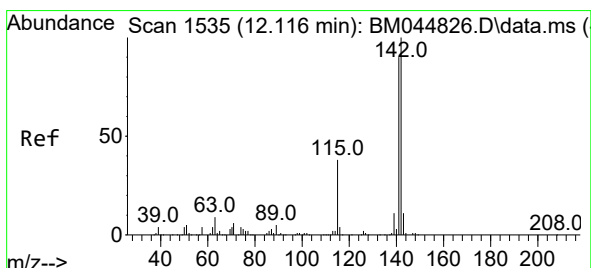
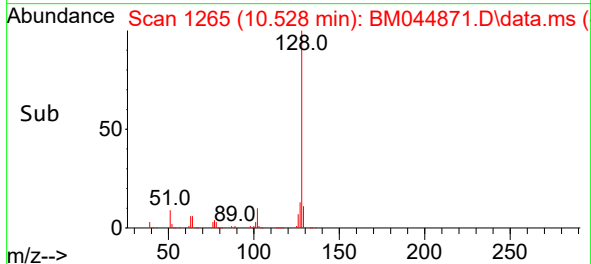
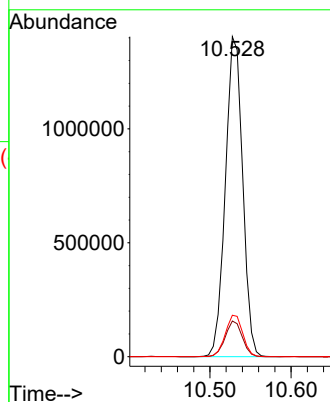
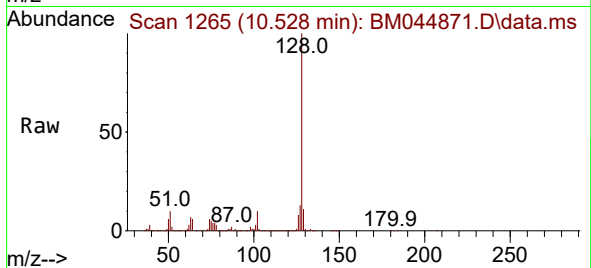
Tgt Ion:128 Resp: 2077413

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 13.0 10.5 15.7



#36

2-Methylnaphthalene

Concen: 2.713 ng/ul

RT: 12.110 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BM044871.D

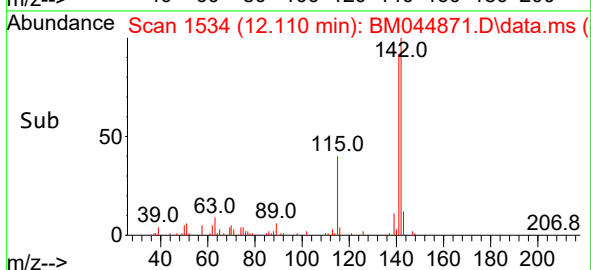
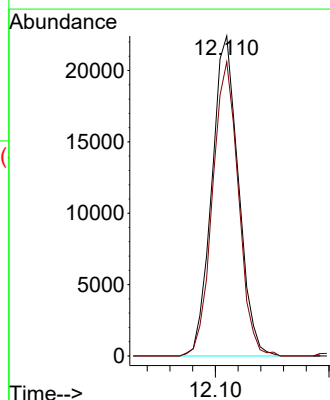
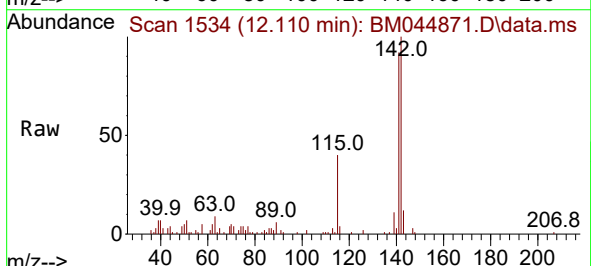
Acq: 01 Apr 2024 18:40

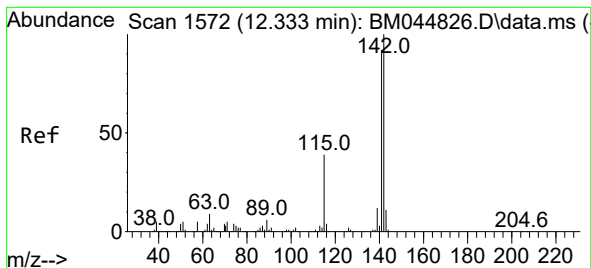
Tgt Ion:142 Resp: 36415

Ion Ratio Lower Upper

142 100

141 91.9 71.1 106.7





#37

1-Methylnaphthalene

Concen: 1.546 ng/ul

RT: 12.328 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044871.D

Acq: 01 Apr 2024 18:40

Instrument :

BNA_M

ClientSampleId :

DUP-1(20240328)

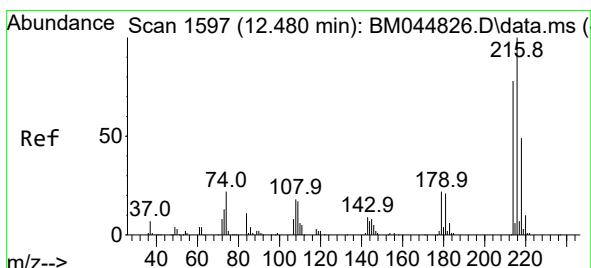
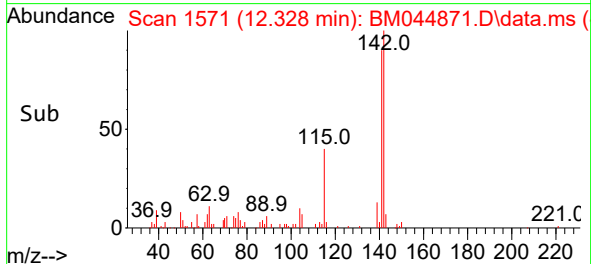
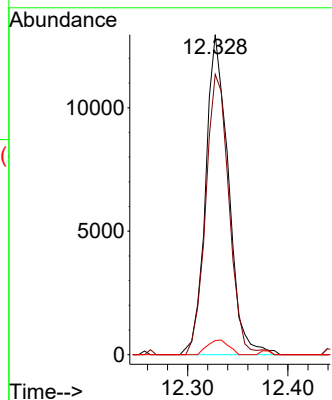
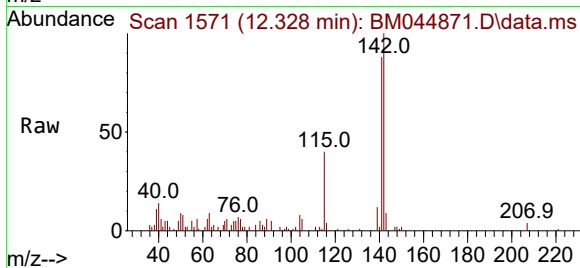
Tgt Ion:142 Resp: 20470

Ion Ratio Lower Upper

142 100

141 87.6 73.0 109.6

116 4.4 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 7.147 ng/ul

RT: 12.475 min Scan# 1596

Delta R.T. -0.006 min

Lab File: BM044871.D

Acq: 01 Apr 2024 18:40

Tgt Ion:216 Resp: 44391

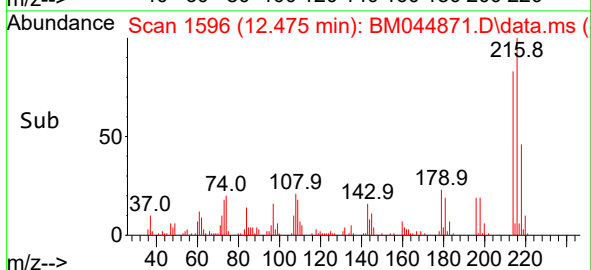
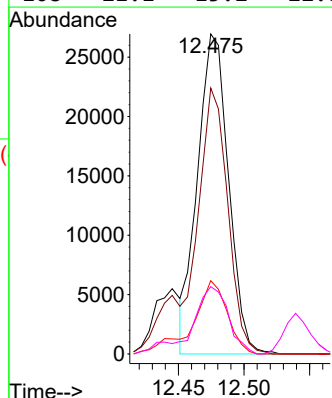
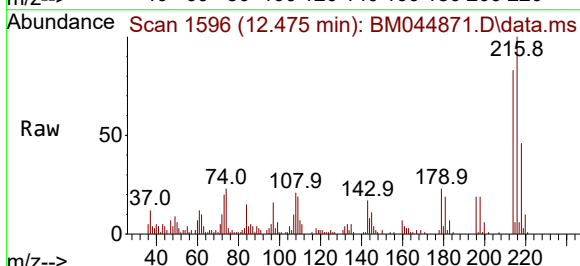
Ion Ratio Lower Upper

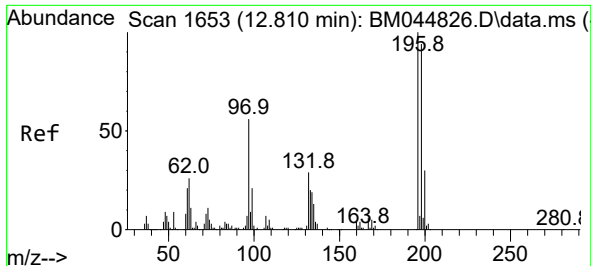
216 100

214 83.1 63.4 95.2

179 22.9 17.5 26.3

108 21.1 15.2 22.8

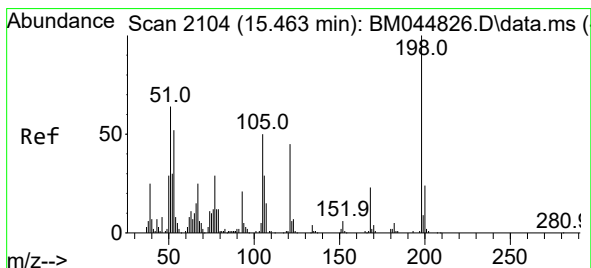
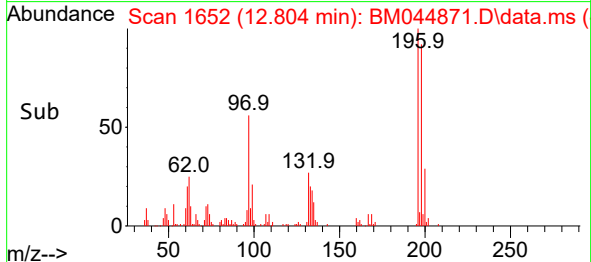
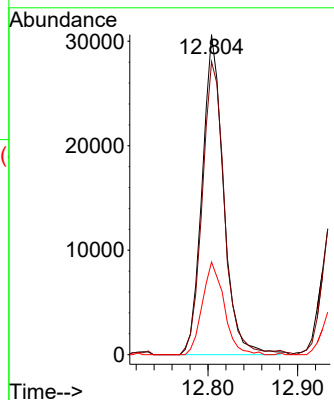
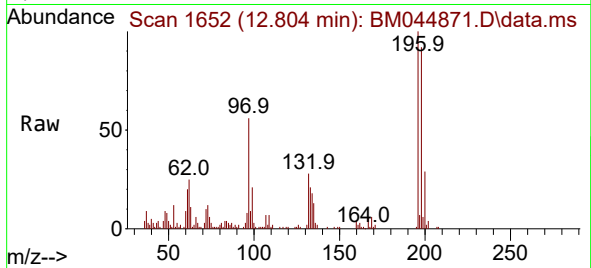




#42
2,4,5-Trichlorophenol
Concen: 10.853 ng/ul
RT: 12.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM044871.D
Acq: 01 Apr 2024 18:40

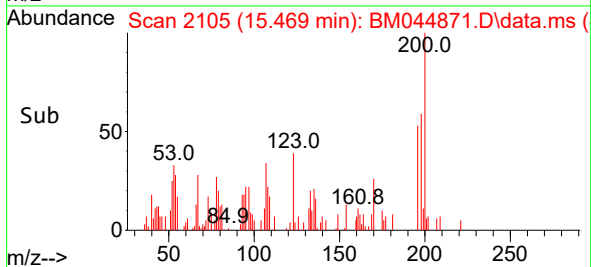
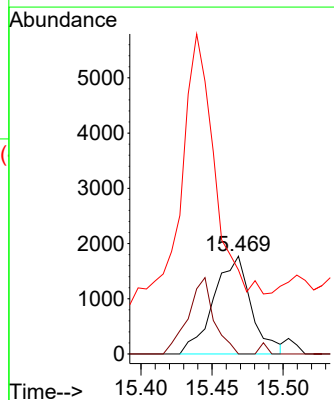
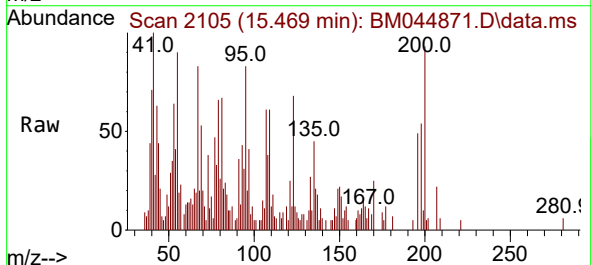
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ClientSampleId :
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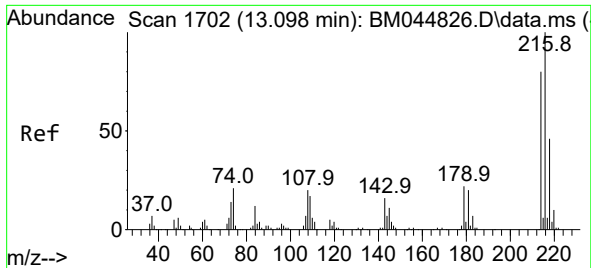
Tgt Ion:196 Resp: 50645
Ion Ratio Lower Upper
196 100
198 91.6 78.1 117.1
200 28.9 24.7 37.1



#66
4,6-Dinitro-2-methylphenol
Concen: 1.135 ng/ul
RT: 15.469 min Scan# 2105
Delta R.T. 0.006 min
Lab File: BM044871.D
Acq: 01 Apr 2024 18:40

Tgt Ion:198 Resp: 3246
Ion Ratio Lower Upper
198 100
182 0.0 3.3 4.9#
77 85.9 21.0 31.4#





#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 5.310 ng/uL
 RT: 13.092 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BM044871.D
 Acq: 01 Apr 2024 18:40

Instrument :
 BNA_M
 ClientSampleId :
 DUP-1(20240328)

Tgt Ion:216 Resp: 29233
 Ion Ratio Lower Upper
 216 100
 214 80.0 62.9 94.3
 218 50.7 38.6 57.8

