

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014784.D
 Acq On : 21 Apr 2023 11:16
 Operator : CG/JU
 Sample : 02378-13
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Apr 21 22:33:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 20 02:32:50 2023
 Response via : Initial Calibration

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

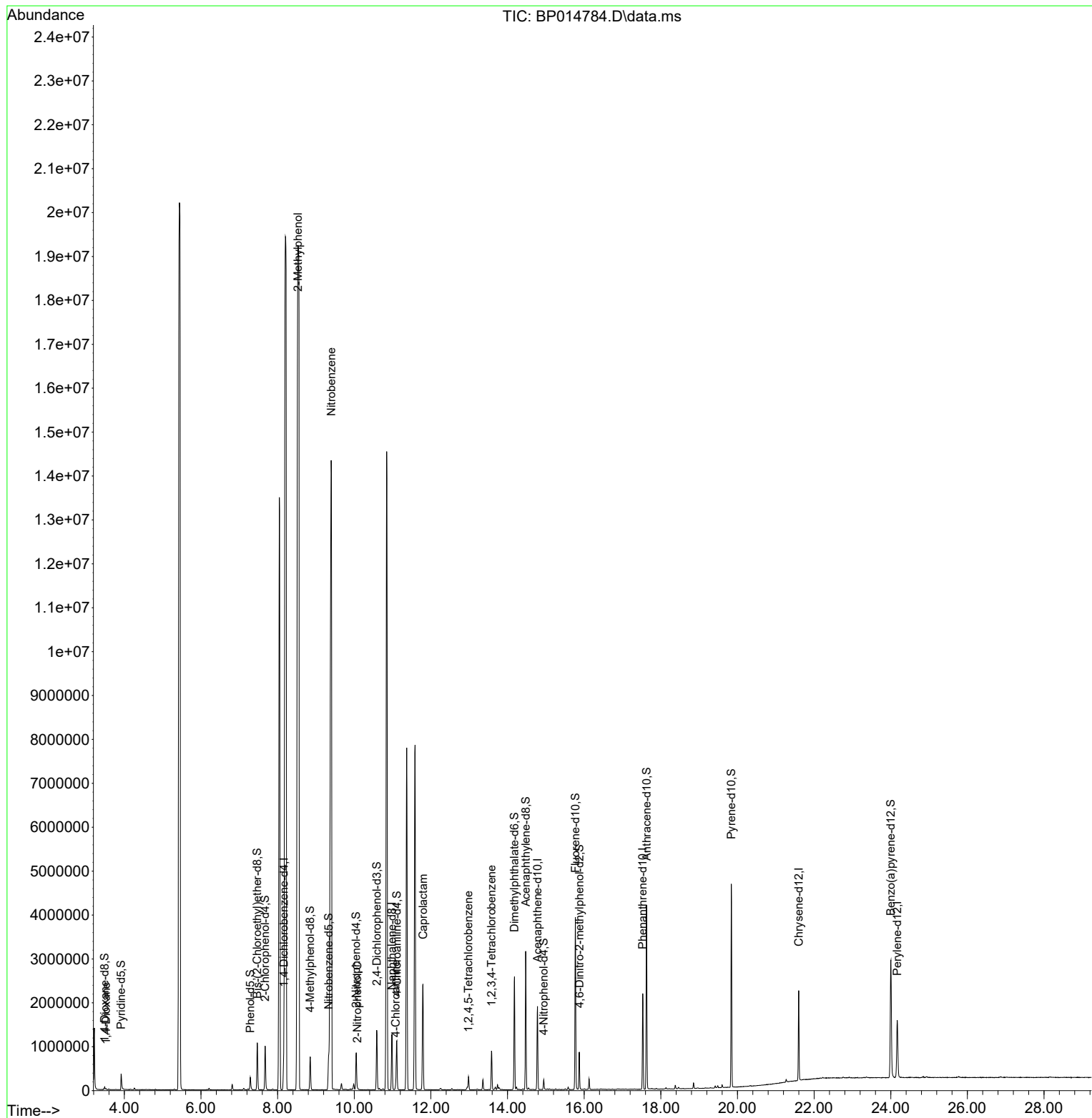
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	256373	20.000	ng/u1	0.01
20) Naphthalene-d8	10.981	136	1034519	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.781	164	631079	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.528	188	1286391	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	956568	20.000	ng/u1	0.00
88) Perylene-d12	24.168	264	1048611	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	30207	4.683	ng/uL	0.00
4) Pyridine-d5	3.917	84	198924	11.327	ng/u1	0.00
7) Phenol-d5	7.287	99	159605	7.200	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	454720	33.252	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	451107	27.403	ng/u1	0.00
15) 4-Methylphenol-d8	8.852	113	291655	16.878	ng/u1	0.00
21) Nitrobenzene-d5	9.334	128	266711	41.143	ng/u1	0.01
24) 2-Nitrophenol-d4	10.051	143	267666	45.716	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	487890	30.690	ng/u1	0.00
31) 4-Chloroaniline-d4	11.110	131	595840	24.556	ng/u1	0.00
46) Dimethylphthalate-d6	14.181	166	1738922	34.800	ng/u1	0.00
49) Acenaphthylene-d8	14.475	160	1982985	34.243	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	45450	5.718	ng/u1	0.00
60) Fluorene-d10	15.769	176	1477713	34.464	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	175714	33.753	ng/u1	0.00
73) Anthracene-d10	17.628	188	2246285	36.146	ng/u1	0.00
81) Pyrene-d10	19.839	212	2375663	43.354	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.004	264	2097779	38.598	ng/u1	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.522	88	10645	1.528	ng/uL	96
13) 2-Methylphenol	8.534	108	103595	5.982	ng/u1	92
22) Nitrobenzene	9.399	77	12448151	706.710	ng/u1#	88
25) 2-Nitrophenol	10.081	139	12648	1.819	ng/u1	94
32) 4-Chloroaniline	11.081	127	59883	2.436	ng/u1	96
34) Caprolactam	11.793	113	176235	36.272	ng/u1#	1
39) 1,2,4,5-Tetrachloroben...	12.981	216	86302	4.064	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.581	216	261959	13.041	ng/uL	99

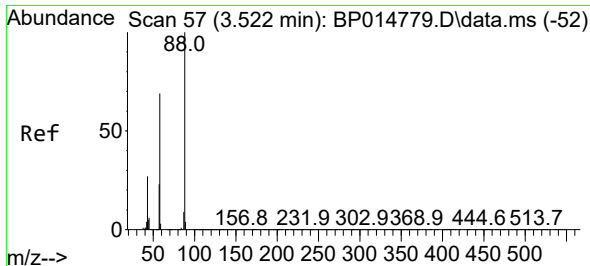
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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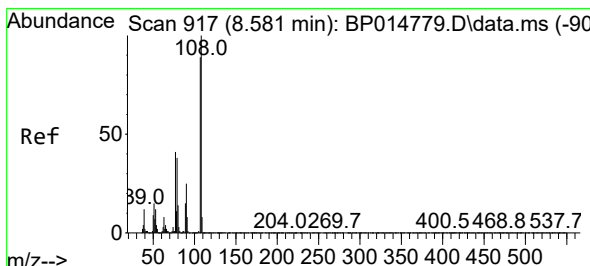
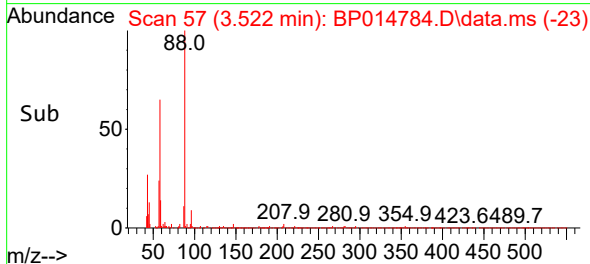
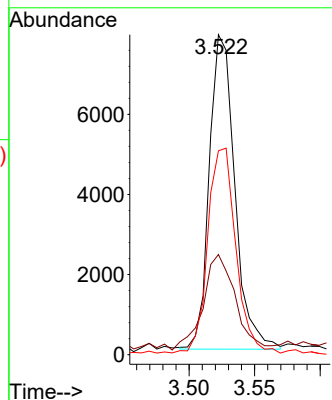
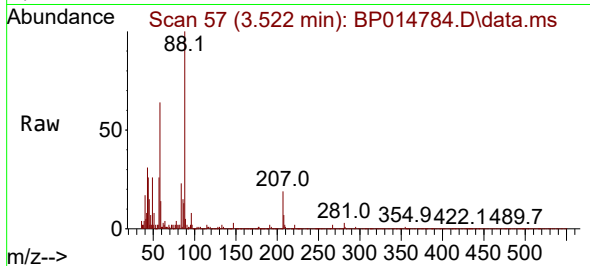




#2
 1,4-Dioxane
 Concen: 1.528 ng/uL
 RT: 3.522 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: BP014784.D
 Acq: 21 Apr 2023 11:16

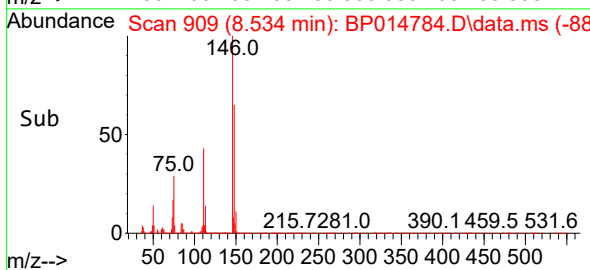
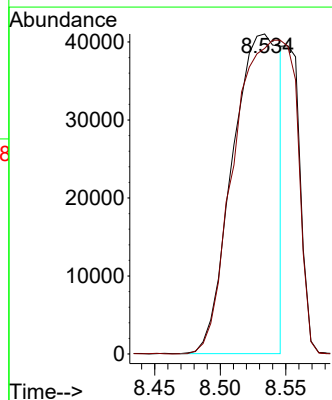
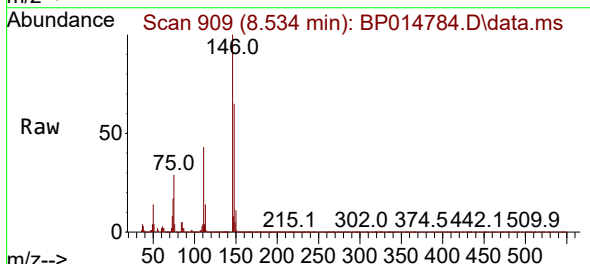
Instrument :
 BNA_P
 ClientSampleId :

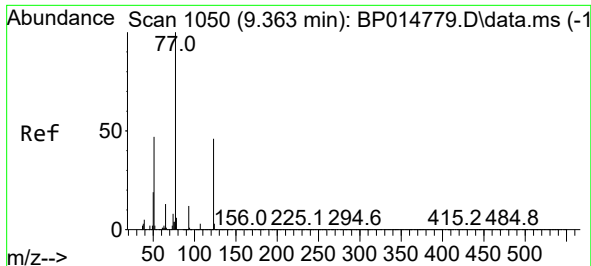
Tgt Ion: 88 Resp: 10645
 Ion Ratio Lower Upper
 88 100
 43 31.3 25.0 37.6
 58 63.7 54.9 82.3



#13
 2-Methylphenol
 Concen: 5.982 ng/uL
 RT: 8.534 min Scan# 909
 Delta R.T. -0.053 min
 Lab File: BP014784.D
 Acq: 21 Apr 2023 11:16

Tgt Ion: 108 Resp: 103595
 Ion Ratio Lower Upper
 108 100
 107 95.5 70.4 105.6

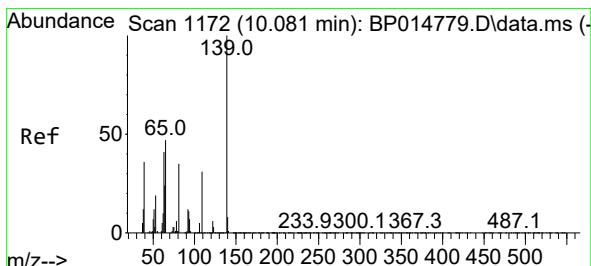
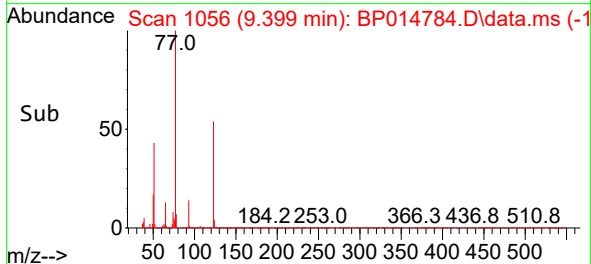
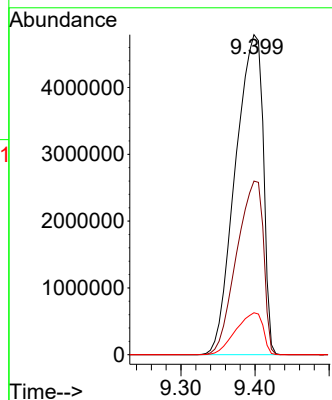
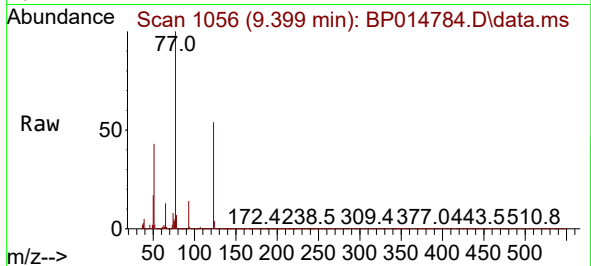




#22
Nitrobenzene
Concen: 706.710 ng/ul
RT: 9.399 min Scan# 1050
Delta R.T. 0.035 min
Lab File: BP014784.D
Acq: 21 Apr 2023 11:16

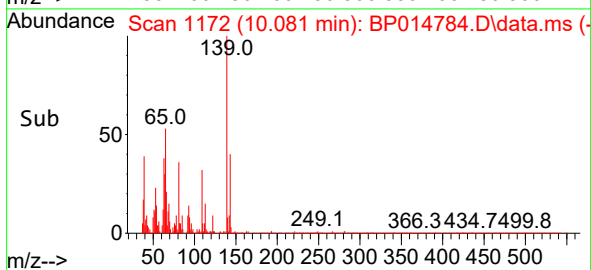
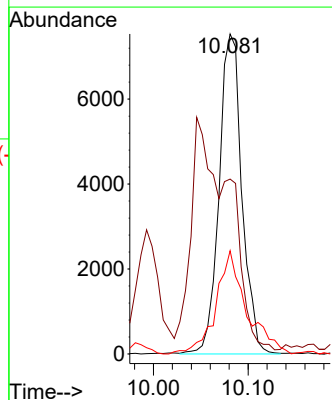
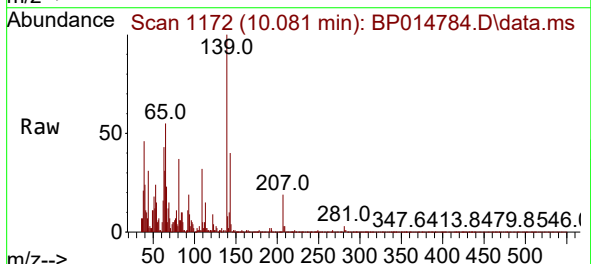
Instrument :
BNA_P
ClientSampleId :

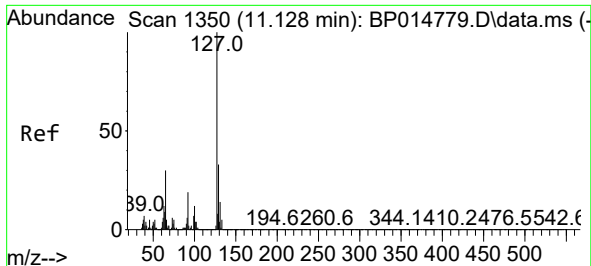
Tgt Ion: 77 Resp:12448151
Ion Ratio Lower Upper
77 100
123 54.2 35.4 53.2#
65 13.1 10.8 16.2



#25
2-Nitrophenol
Concen: 1.819 ng/ul
RT: 10.081 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BP014784.D
Acq: 21 Apr 2023 11:16

Tgt Ion:139 Resp: 12648
Ion Ratio Lower Upper
139 100
65 54.7 39.4 59.2
109 32.3 24.6 37.0

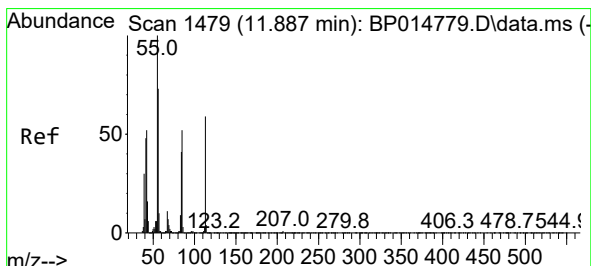
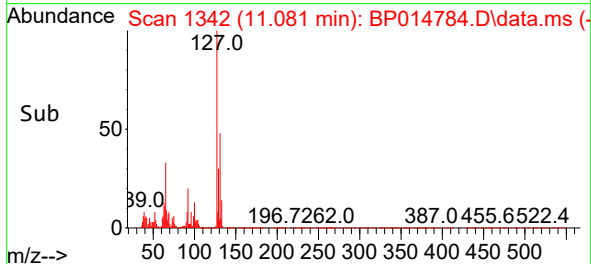
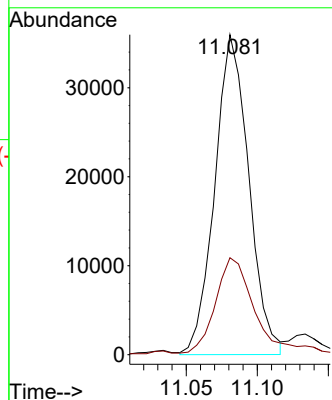
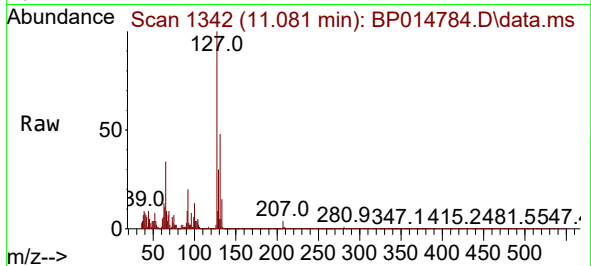




#32
4-Chloroaniline
Concen: 2.436 ng/ul
RT: 11.081 min Scan# 11
Delta R.T. -0.053 min
Lab File: BP014784.D
Acq: 21 Apr 2023 11:16

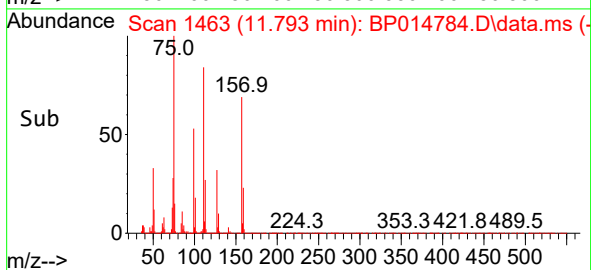
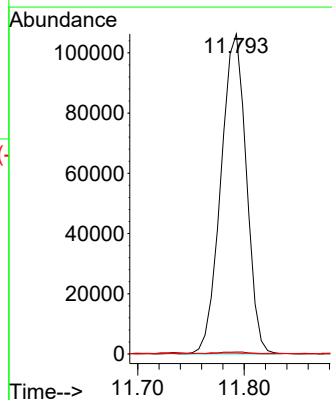
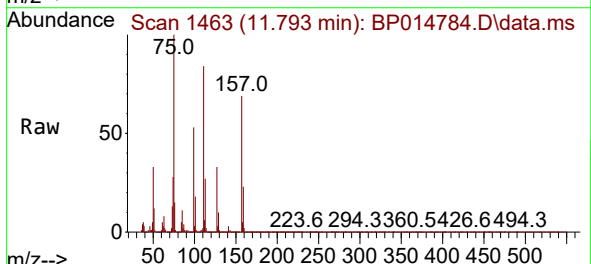
Instrument :
BNA_P
ClientSampleId :

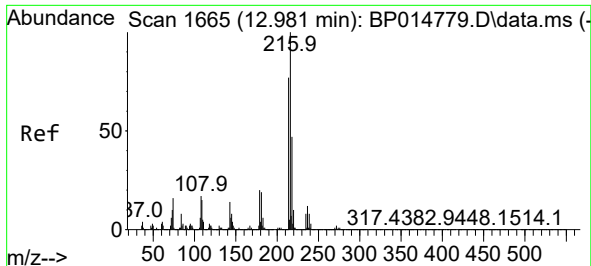
Tgt Ion:127 Resp: 59883
Ion Ratio Lower Upper
127 100
129 30.3 26.0 39.0



#34
Caprolactam
Concen: 36.272 ng/ul
RT: 11.793 min Scan# 1463
Delta R.T. -0.100 min
Lab File: BP014784.D
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Tgt Ion:113 Resp: 176235
Ion Ratio Lower Upper
113 100
55 0.6 135.4 203.0#
56 0.3 101.0 151.4#

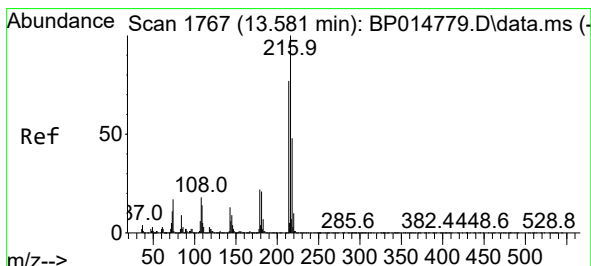
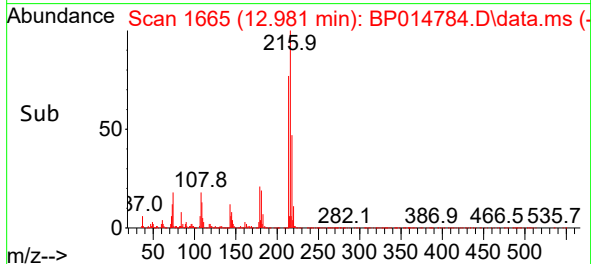
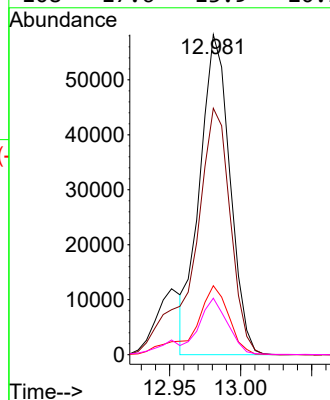
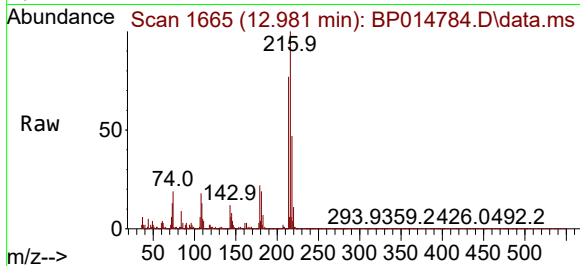




#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.064 ng/ul
RT: 12.981 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BP014784.D
Acq: 21 Apr 2023 11:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:	216	Resp:	86302
Ion Ratio	Lower	Upper	
216	100		
214	77.0	61.7	92.5
179	21.5	15.5	23.3
108	17.6	13.9	20.9



#75
1,2,3,4-Tetrachlorobenzene
Concen: 13.041 ng/ul
RT: 13.581 min Scan# 1767
Delta R.T. -0.006 min
Lab File: BP014784.D
Acq: 21 Apr 2023 11:16

Tgt Ion:	216	Resp:	261959
Ion Ratio	Lower	Upper	
216	100		
214	80.1	62.8	94.2
218	49.7	39.6	59.4

