

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
 Data File : BM038895.D
 Acq On : 07 Mar 2023 14:10
 Operator : CG/JU
 Sample : 01745-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COLF2

Quant Time: Mar 07 22:42:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 06 23:57:30 2023
 Response via : Initial Calibration

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

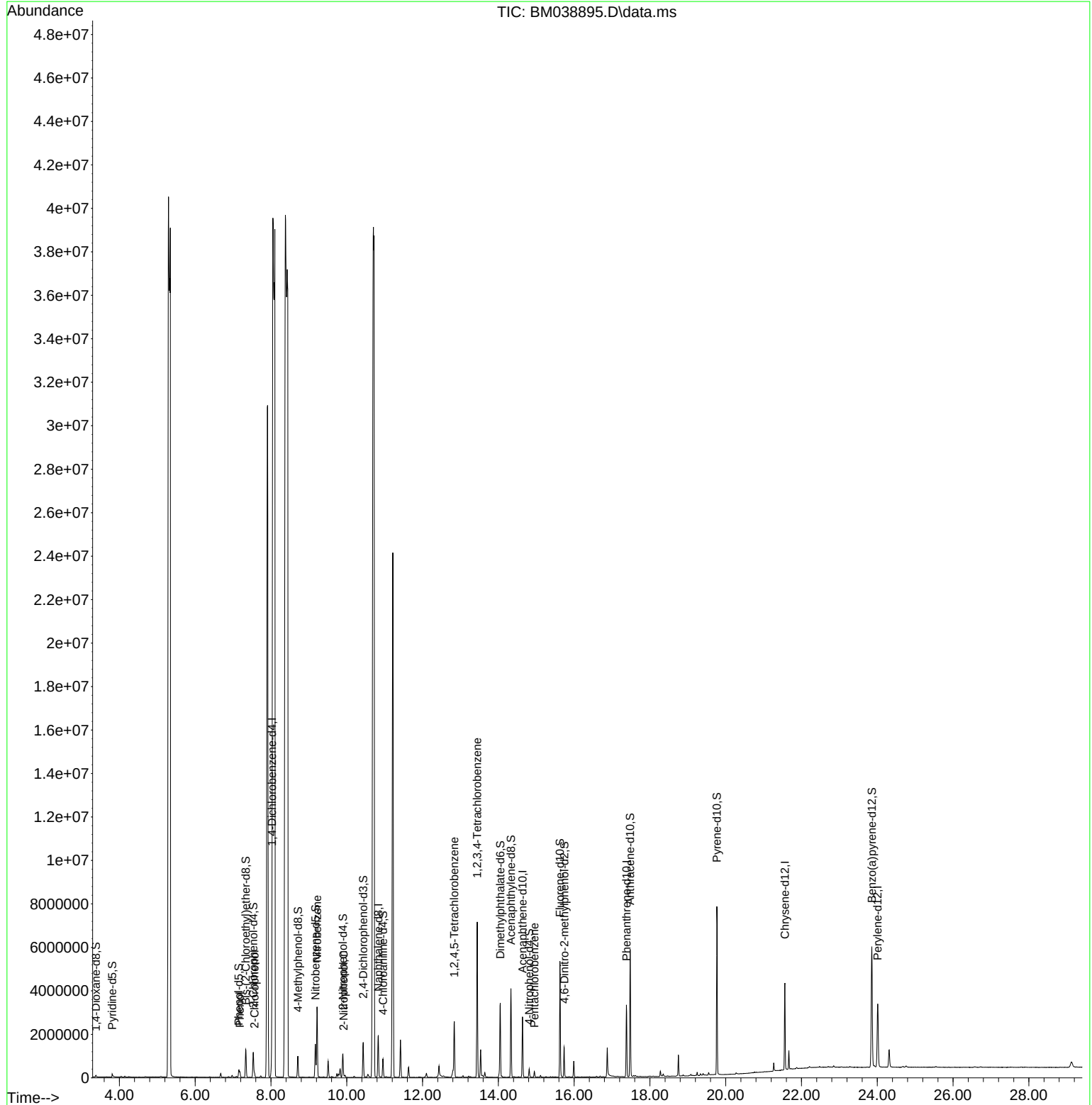
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	324376	20.000	ng/u1	0.02
20) Naphthalene-d8	10.833	136	1506512	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.639	164	897034	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	1897056	20.000	ng/u1	0.00
79) Chrysene-d12	21.562	240	1867938	20.000	ng/u1	0.00
88) Perylene-d12	24.009	264	2183502	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	40892	4.707	ng/uL	0.00
4) Pyridine-d5	3.810	84	84566	3.541	ng/u1	0.01
7) Phenol-d5	7.151	99	195367	6.424	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	600877	30.924	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	544160	24.013	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	345149	14.406	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	372787	35.248	ng/u1	0.00
24) 2-Nitrophenol-d4	9.898	143	336695	33.975	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	565165	24.542	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	449347	11.706	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	2198920	31.649	ng/u1	0.00
49) Acenaphthylene-d8	14.333	160	2537870	31.253	ng/u1	0.00
54) 4-Nitrophenol-d4	14.815	143	75259	5.411	ng/u1	0.00
60) Fluorene-d10	15.627	176	1939642	31.654	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	261090	26.473	ng/u1	0.00
73) Anthracene-d10	17.480	188	3144801	33.619	ng/u1	0.00
81) Pyrene-d10	19.768	212	3787211	36.863	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.856	264	3922506	35.648	ng/u1	0.00
Target Compounds						Qvalue
8) Phenol	7.181	94	140713	4.323	ng/u1	99
12) 2-Chlorophenol	7.563	128	92401	3.959	ng/u1	97
22) Nitrobenzene	9.216	77	1735817	59.992	ng/u1	98
25) 2-Nitrophenol	9.922	139	17344	1.476	ng/u1	90
39) 1,2,4,5-Tetrachloroben...	12.839	216	846385	31.543	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.445	216	2063602	77.187	ng/uL	99
76) Pentachlorobenzene	14.951	250	63528	2.313	ng/uL	97

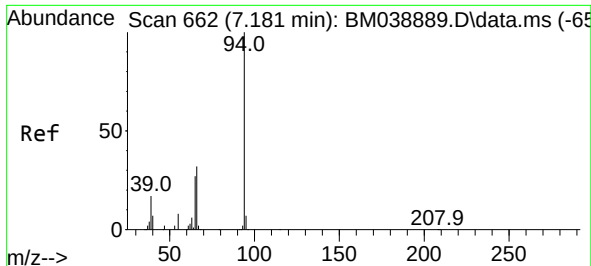
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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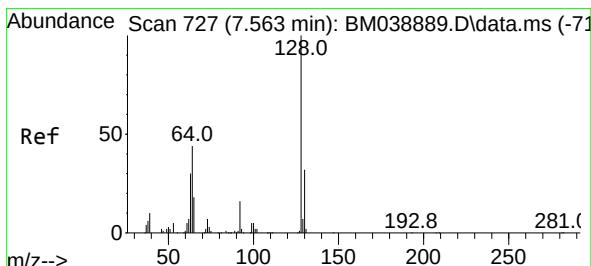
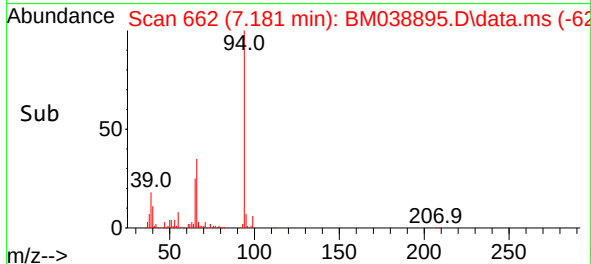
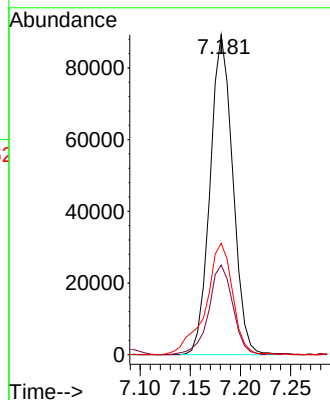
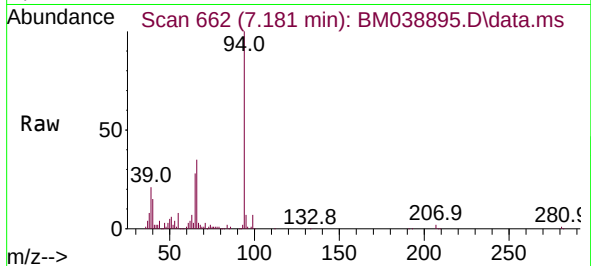




#8
Phenol
Concen: 4.323 ng/ul
RT: 7.181 min Scan# 662
Delta R.T. -0.000 min
Lab File: BM038895.D
Acq: 07 Mar 2023 14:10

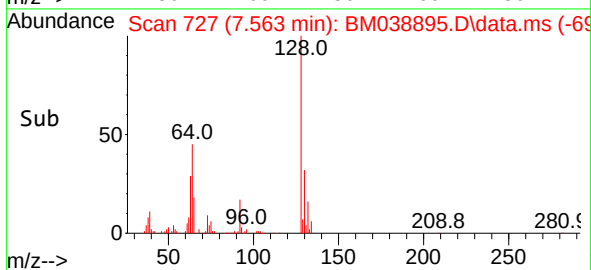
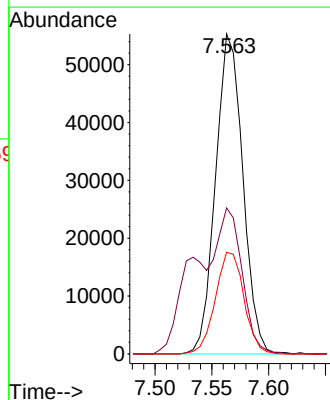
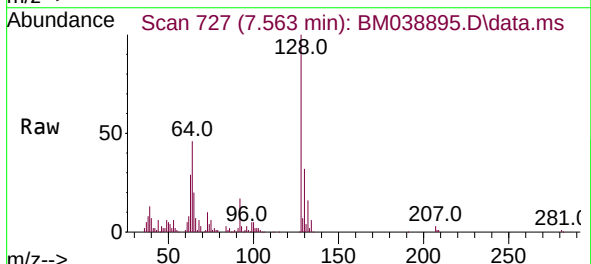
Instrument :
BNA_M
ClientSampleId :
COLF2

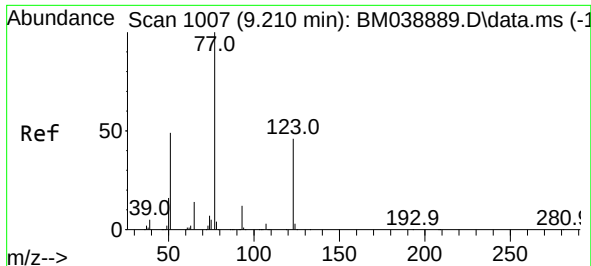
Tgt Ion: 94 Resp: 140713
Ion Ratio Lower Upper
94 100
65 28.0 22.1 33.1
66 34.8 28.6 43.0



#12
2-Chlorophenol
Concen: 3.959 ng/ul
RT: 7.563 min Scan# 727
Delta R.T. -0.000 min
Lab File: BM038895.D
Acq: 07 Mar 2023 14:10

Tgt Ion: 128 Resp: 92401
Ion Ratio Lower Upper
128 100
64 45.6 38.9 58.3
130 31.8 25.1 37.7

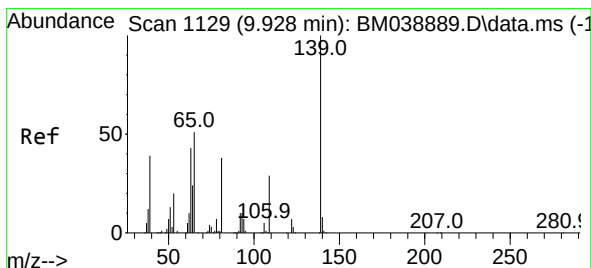
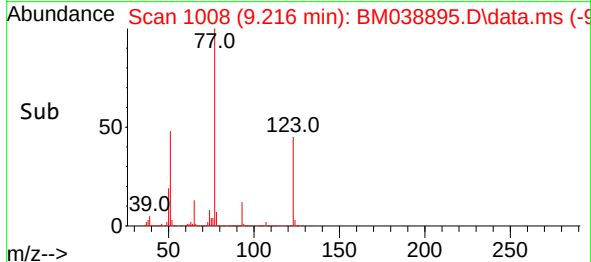
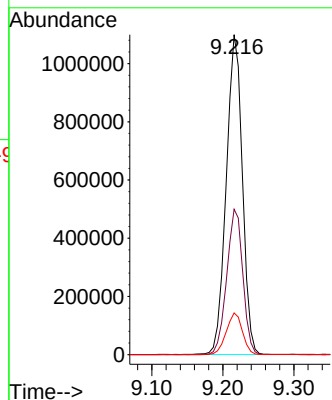
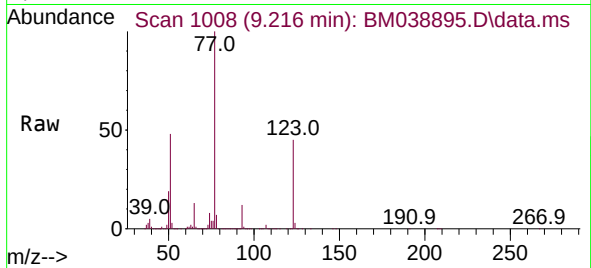




#22
Nitrobenzene
Concen: 59.992 ng/ul
RT: 9.216 min Scan# 1007
Delta R.T. 0.006 min
Lab File: BM038895.D
Acq: 07 Mar 2023 14:10

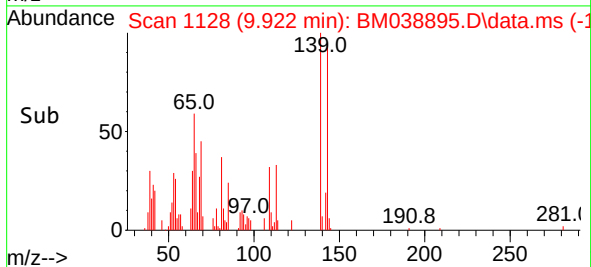
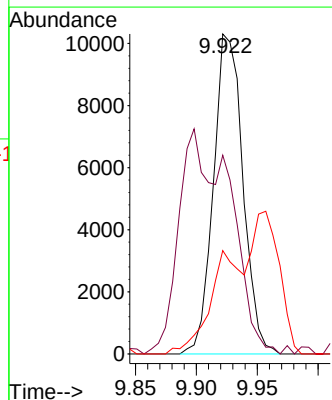
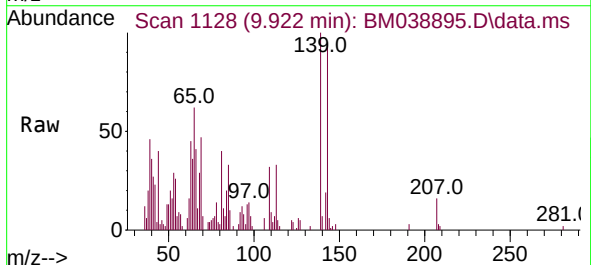
Instrument :
BNA_M
ClientSampleId :
COLF2

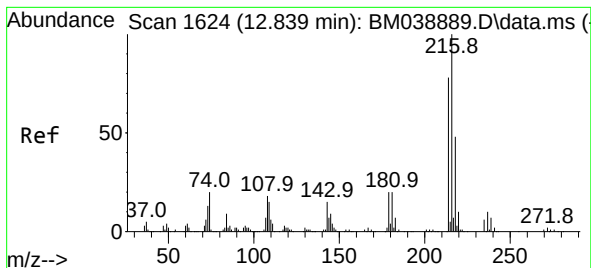
Tgt Ion: 77 Resp: 1735817
Ion Ratio Lower Upper
77 100
123 45.4 35.3 52.9
65 13.0 10.6 15.8



#25
2-Nitrophenol
Concen: 1.476 ng/ul
RT: 9.922 min Scan# 1128
Delta R.T. -0.006 min
Lab File: BM038895.D
Acq: 07 Mar 2023 14:10

Tgt Ion: 139 Resp: 17344
Ion Ratio Lower Upper
139 100
65 62.1 42.6 63.8
109 32.3 23.1 34.7



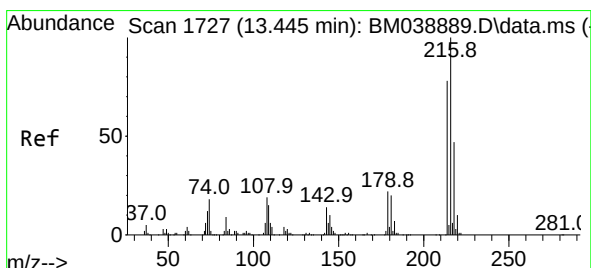
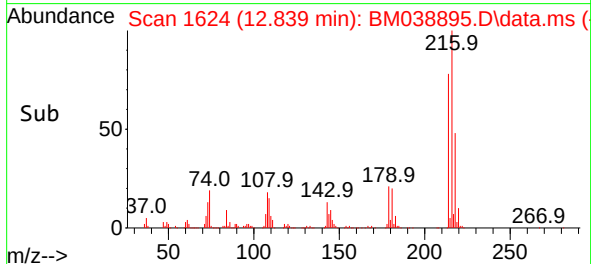
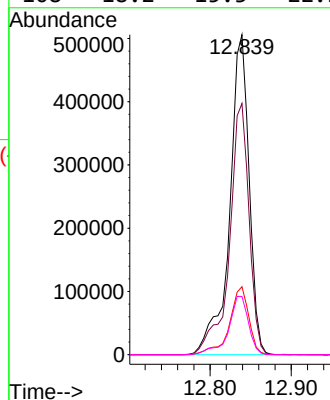
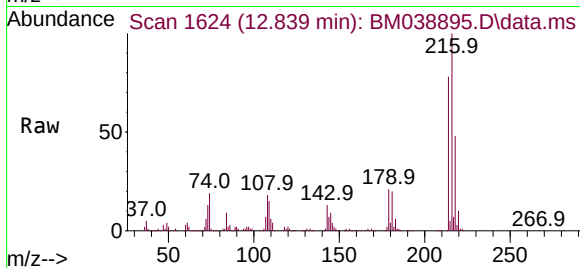


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.543 ng/ul
 RT: 12.839 min Scan# 1624
 Delta R.T. -0.000 min
 Lab File: BM038895.D
 Acq: 07 Mar 2023 14:10

Instrument :
 BNA_M
 ClientSampleId :
 COLF2

Tgt Ion:216 Resp: 846385

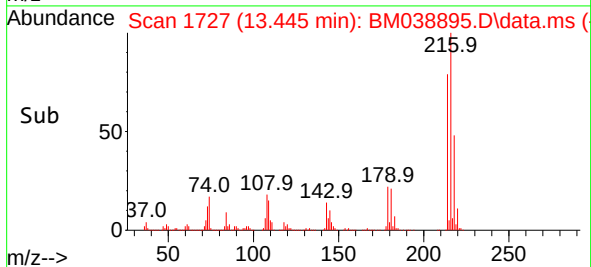
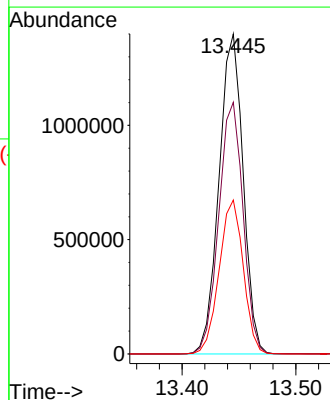
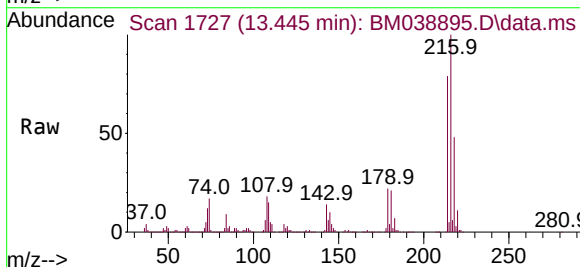
Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.2	93.4
179	21.2	16.4	24.6
108	18.2	15.3	22.9

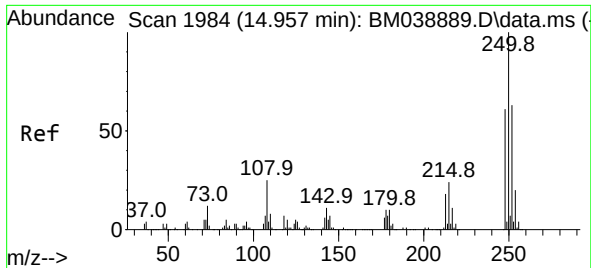


#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 77.187 ng/uL
 RT: 13.445 min Scan# 1727
 Delta R.T. -0.000 min
 Lab File: BM038895.D
 Acq: 07 Mar 2023 14:10

Tgt Ion:216 Resp: 2063602

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.4	93.6
218	48.1	38.8	58.2





#76
 Pentachlorobenzene
 Concen: 2.313 ng/uL
 RT: 14.951 min Scan# 19
 Delta R.T. -0.006 min
 Lab File: BM038895.D
 Acq: 07 Mar 2023 14:10

Instrument :
 BNA_M
 ClientSampleId :
 COLF2

Tgt Ion:250 Resp: 63528
 Ion Ratio Lower Upper
 250 100
 248 64.0 49.6 74.4
 252 61.9 51.2 76.8

