

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
 Data File : BP018843.D
 Acq On : 14 Dec 2023 15:19
 Operator : MA/JU
 Sample : 05646-16
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 14 21:54:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

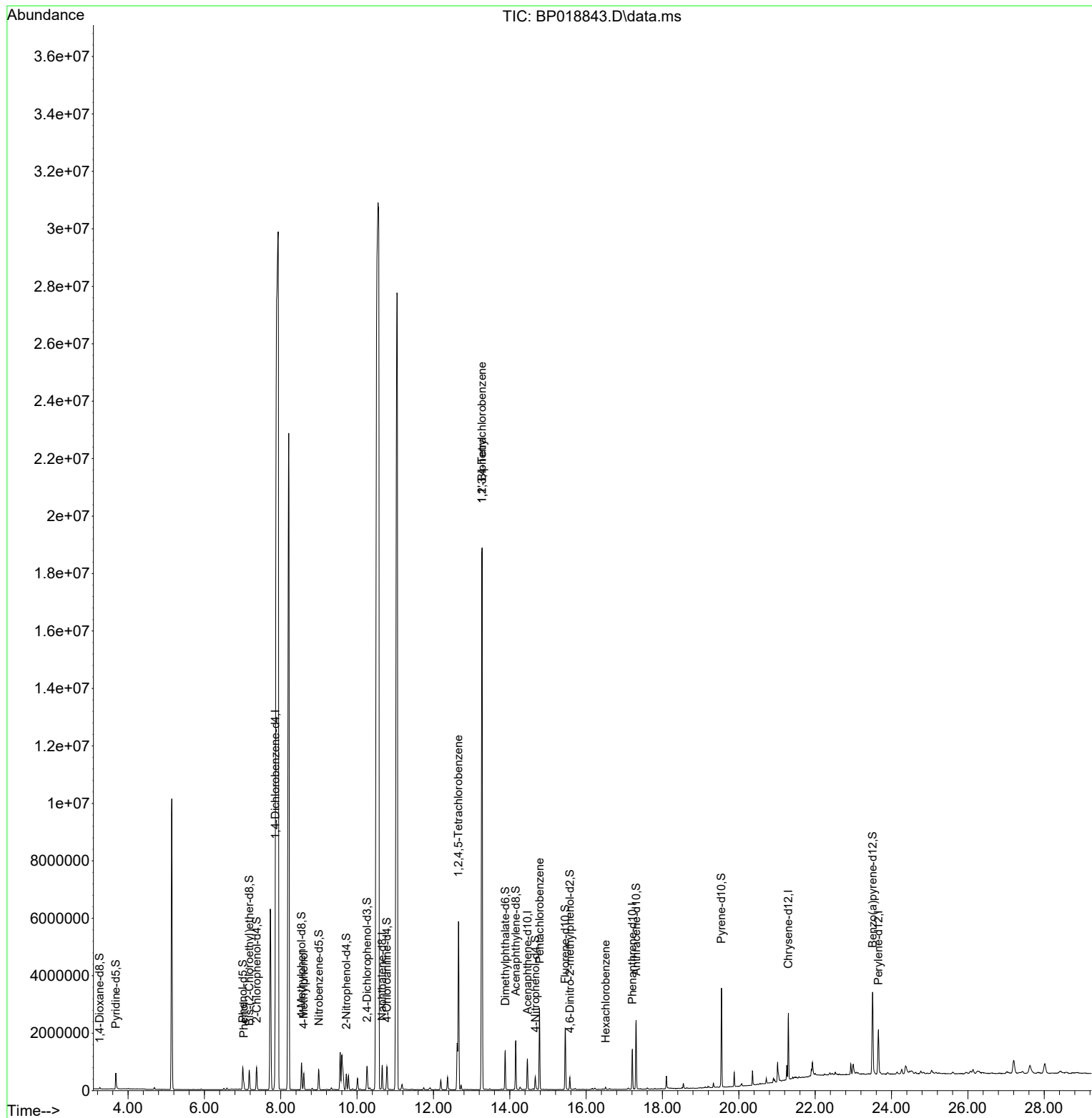
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	151224	20.000	ng/u1	0.02
20) Naphthalene-d8	10.657	136	607393	20.000	ng/u1	0.03
38) Acenaphthene-d10	14.463	164	362494	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	821596	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	967509	20.000	ng/u1	0.00
88) Perylene-d12	23.657	264	1176986	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	26890	6.059	ng/uL	0.00
4) Pyridine-d5	3.681	84	315114	26.510	ng/u1	0.00
7) Phenol-d5	7.005	99	464408	30.602	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	293127	32.589	ng/u1	0.00
11) 2-Chlorophenol-d4	7.369	132	386065	32.602	ng/u1	0.00
15) 4-Methylphenol-d8	8.546	113	352832	28.729	ng/u1	0.00
21) Nitrobenzene-d5	8.999	128	171955	31.808	ng/u1	0.00
24) 2-Nitrophenol-d4	9.716	143	182796	32.614	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.263	165	367489	32.066	ng/u1	0.01
31) 4-Chloroaniline-d4	10.781	131	455189	30.391	ng/u1	0.01
46) Dimethylphthalate-d6	13.881	166	933869	28.865	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	1133958	31.830	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	127060	23.926	ng/u1	0.00
60) Fluorene-d10	15.451	176	876869	32.289	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	98595	20.014	ng/u1	0.00
73) Anthracene-d10	17.310	188	1379147	31.930	ng/u1	0.00
81) Pyrene-d10	19.545	212	1810583	24.041	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.504	264	2145926	31.270	ng/u1	-0.01
Target Compounds						
					Qvalue	
8) Phenol	7.034	94	130585	8.774	ng/u1	100
18) 4-Methylphenol	8.605	108	198682	15.969	ng/u1	87
39) 1,2,4,5-Tetrachloroben...	12.657	216	1940229	147.526	ng/u1	98
43) 1,1'-Biphenyl	13.275	154	39661	1.265	ng/u1#	86
69) Hexachlorobenzene	16.510	284	15970	1.379	ng/u1	98
75) 1,2,3,4-Tetrachloroben...	13.275	216	6987217	491.844	ng/uL	98
76) Pentachlorobenzene	14.781	250	782382	56.066	ng/uL	99

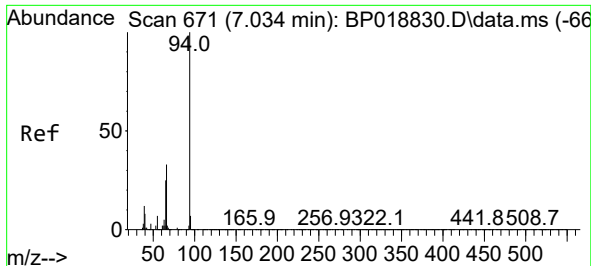
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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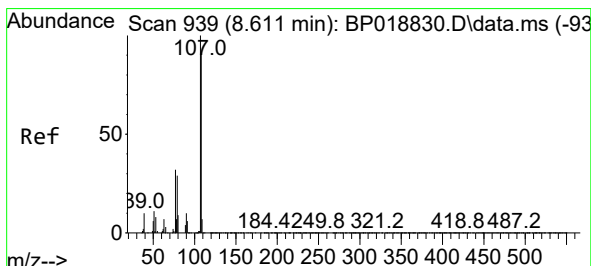
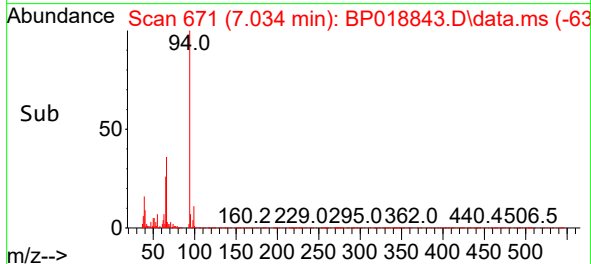
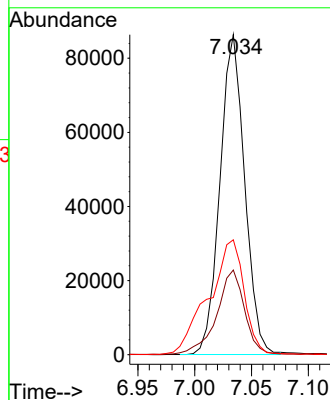
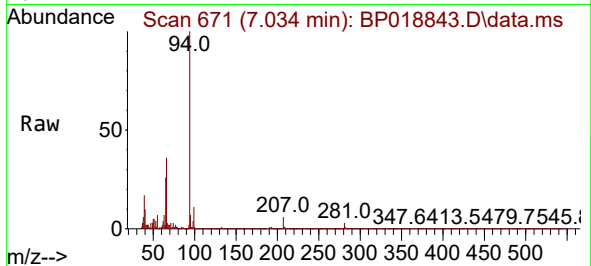




#8
Phenol
Concen: 8.774 ng/ul
RT: 7.034 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP018843.D
Acq: 14 Dec 2023 15:19

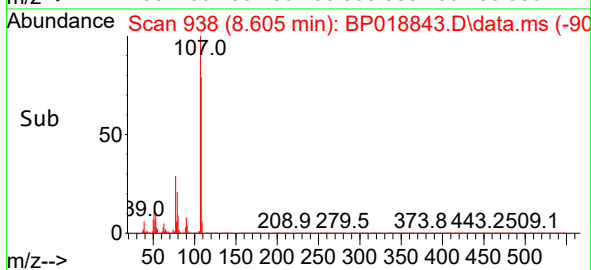
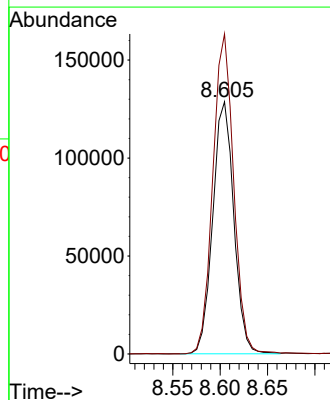
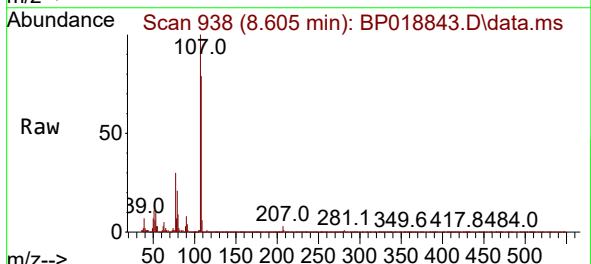
Instrument :
BNA_P
ClientSampleId :

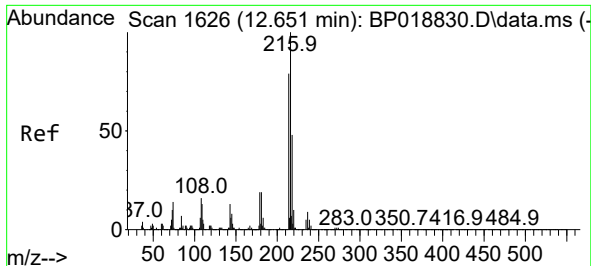
Tgt Ion: 94 Resp: 130585
Ion Ratio Lower Upper
94 100
65 26.5 21.0 31.6
66 35.9 28.6 43.0



#18
4-Methylphenol
Concen: 15.969 ng/ul
RT: 8.605 min Scan# 938
Delta R.T. -0.006 min
Lab File: BP018843.D
Acq: 14 Dec 2023 15:19

Tgt Ion: 108 Resp: 198682
Ion Ratio Lower Upper
108 100
107 126.9 90.6 136.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 147.526 ng/ul

RT: 12.657 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP018843.D

Acq: 14 Dec 2023 15:19

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:216 Resp: 1940229

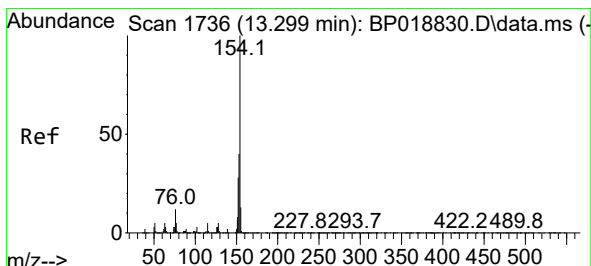
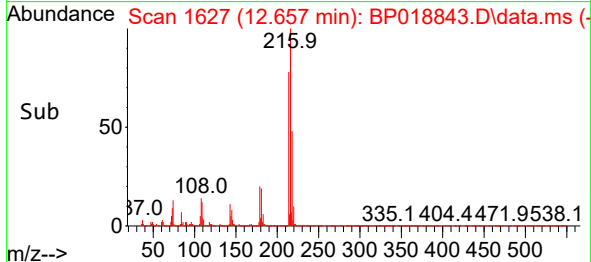
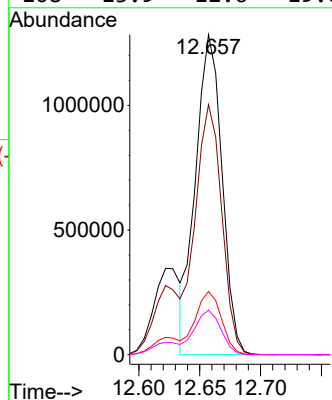
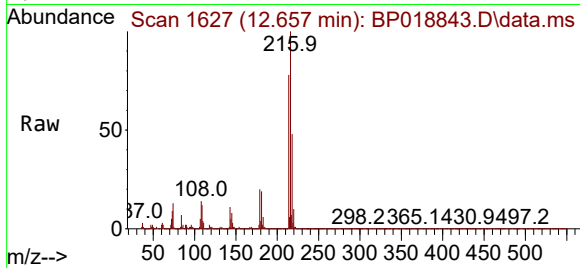
Ion Ratio Lower Upper

216 100

214 78.1 63.9 95.9

179 19.8 16.3 24.5

108 13.9 12.6 19.0



#43

1,1'-Biphenyl

Concen: 1.265 ng/ul

RT: 13.275 min Scan# 1732

Delta R.T. -0.023 min

Lab File: BP018843.D

Acq: 14 Dec 2023 15:19

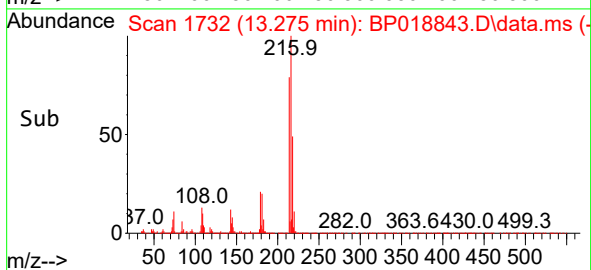
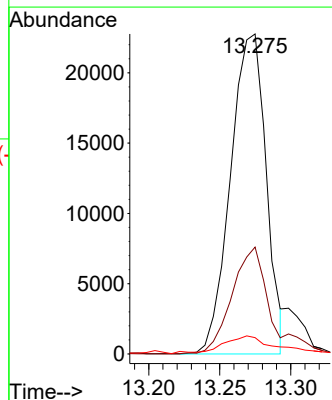
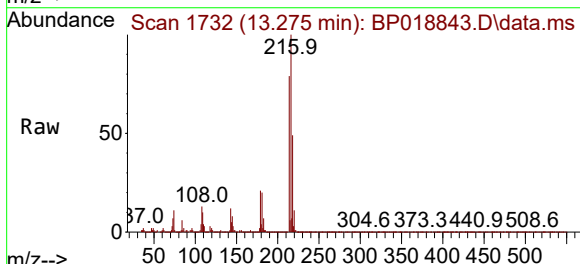
Tgt Ion:154 Resp: 39661

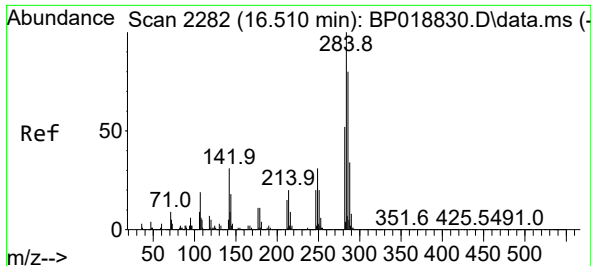
Ion Ratio Lower Upper

154 100

153 33.4 32.8 49.2

76 5.1 10.7 16.1#

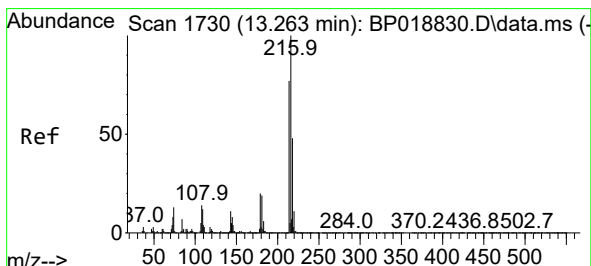
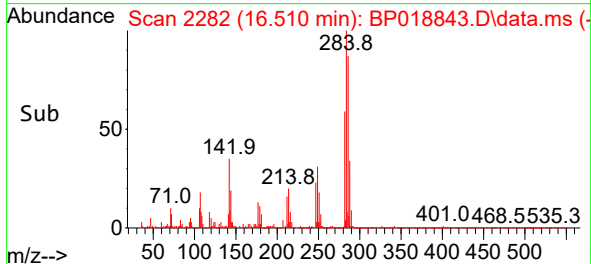
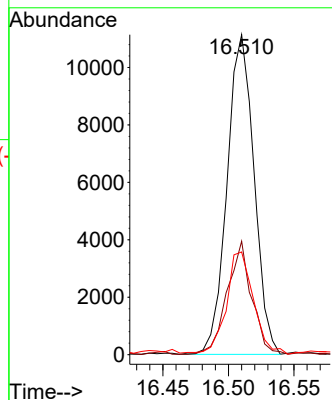
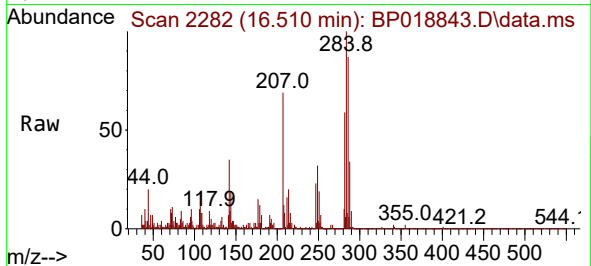




#69
Hexachlorobenzene
Concen: 1.379 ng/uL
RT: 16.510 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP018843.D
Acq: 14 Dec 2023 15:19

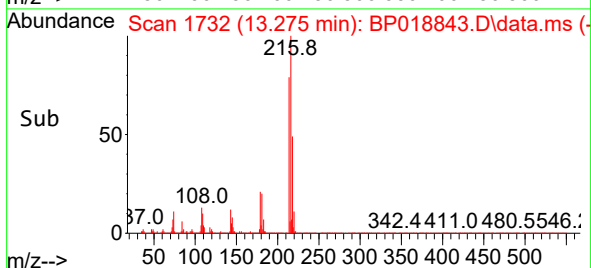
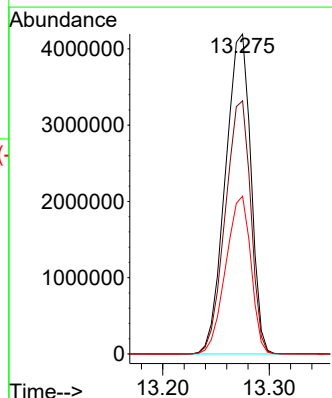
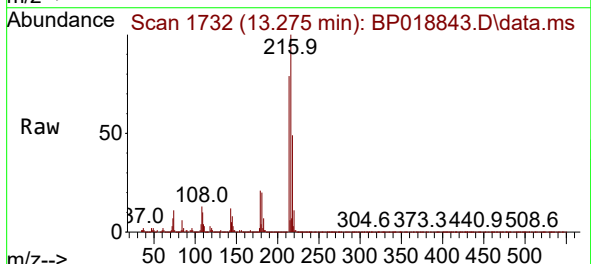
Instrument :
BNA_P
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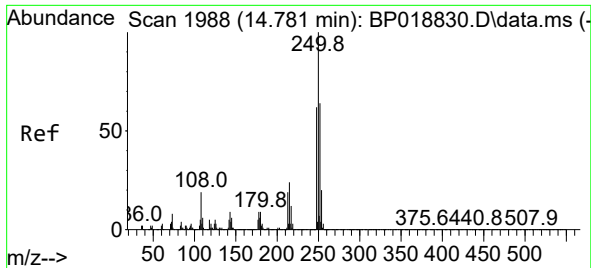
Tgt Ion:284 Resp: 15970
Ion Ratio Lower Upper
284 100
142 32.8 25.8 38.6
249 29.7 24.9 37.3



#75
1,2,3,4-Tetrachlorobenzene
Concen: 491.844 ng/uL
RT: 13.275 min Scan# 1732
Delta R.T. 0.012 min
Lab File: BP018843.D
Acq: 14 Dec 2023 15:19

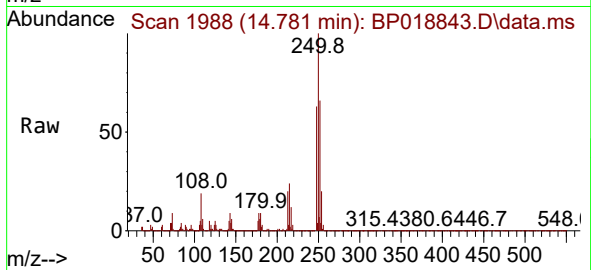
Tgt Ion:216 Resp: 6987217
Ion Ratio Lower Upper
216 100
214 79.1 61.4 92.2
218 49.3 39.2 58.8





#76
 Pentachlorobenzene
 Concen: 56.066 ng/uL
 RT: 14.781 min Scan# 1988
 Delta R.T. 0.000 min
 Lab File: BP018843.D
 Acq: 14 Dec 2023 15:19

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:250 Resp: 782382
 Ion Ratio Lower Upper
 250 100
 248 63.4 50.6 75.8
 252 65.8 51.3 76.9

