

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
 Data File : BP018836.D
 Acq On : 14 Dec 2023 10:28
 Operator : MA/JU
 Sample : 05646-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AS1

Quant Time: Dec 14 21:52:51 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

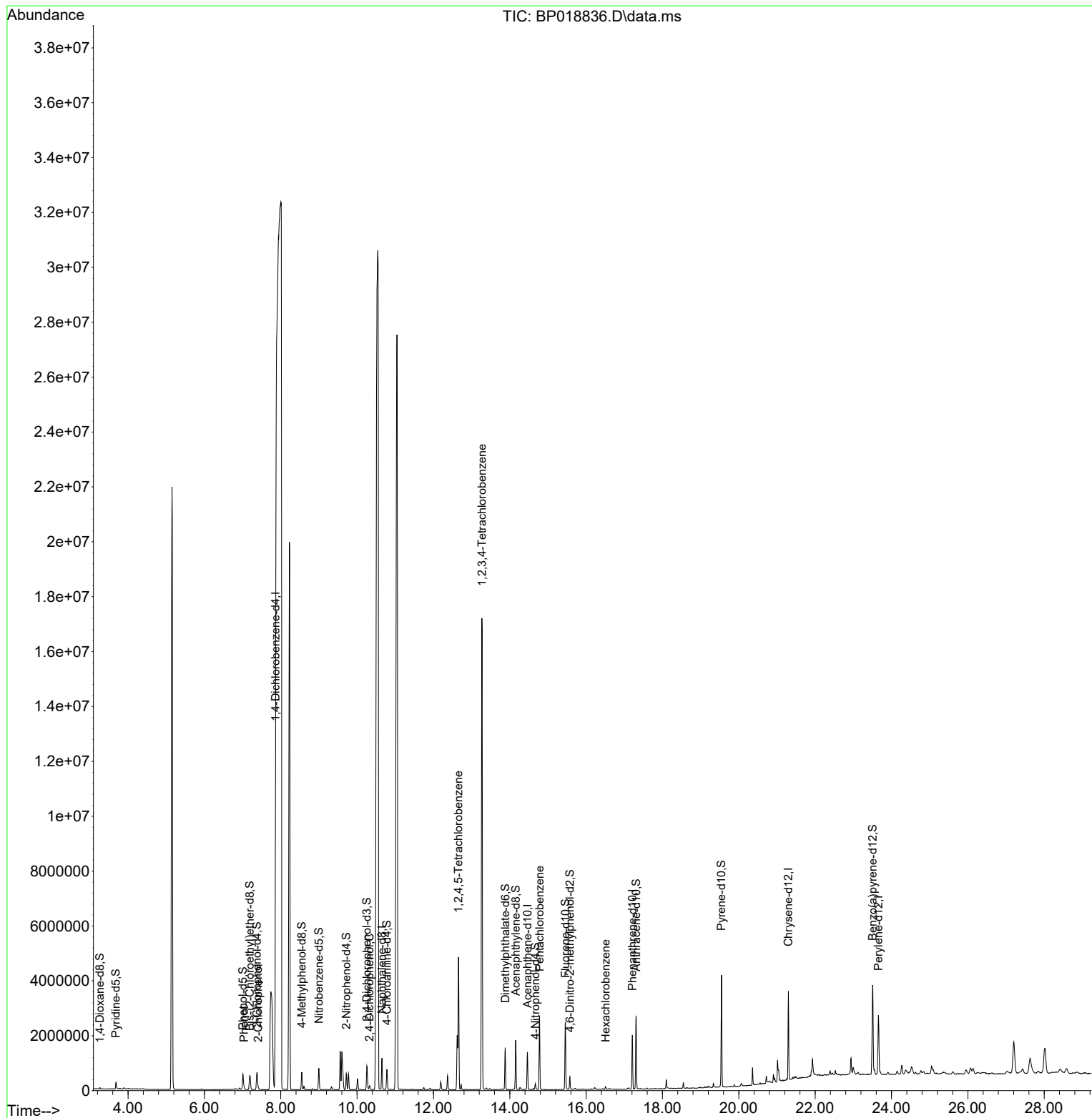
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	79432	20.000	ng/u1	0.03
20) Naphthalene-d8	10.651	136	852811	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.463	164	465085	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	1158108	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1359371	20.000	ng/u1	0.00
88) Perylene-d12	23.657	264	1661019	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	24716	10.603	ng/uL	0.00
4) Pyridine-d5	3.681	84	146713	23.498	ng/u1	0.00
7) Phenol-d5	7.010	99	346422	43.459	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.193	67	323344	68.440	ng/u1	0.02
11) 2-Chlorophenol-d4	7.375	132	390065	62.712	ng/u1	0.01
15) 4-Methylphenol-d8	8.552	113	237267	36.780	ng/u1	0.00
21) Nitrobenzene-d5	8.999	128	182475	24.041	ng/u1	0.00
24) 2-Nitrophenol-d4	9.716	143	197223	25.062	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	359850	22.363	ng/u1	0.00
31) 4-Chloroaniline-d4	10.781	131	411079	19.548	ng/u1	0.01
46) Dimethylphthalate-d6	13.881	166	1043707	25.144	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	1234861	27.017	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	59968	8.801	ng/u1	0.00
60) Fluorene-d10	15.457	176	996374	28.596	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	107232	15.442	ng/u1	0.00
73) Anthracene-d10	17.310	188	1540271	25.299	ng/u1	0.00
81) Pyrene-d10	19.545	212	2052604	19.398	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.504	264	2428984	25.080	ng/u1	-0.01
Target Compounds						
					Qvalue	
8) Phenol	7.040	94	58811	7.523	ng/u1	97
12) 2-Chlorophenol	7.410	128	35455	5.632	ng/u1	94
29) 2,4-Dichlorophenol	10.328	162	69758	4.501	ng/u1#	90
39) 1,2,4,5-Tetrachloroben...	12.657	216	1473905	87.348	ng/u1	97
69) Hexachlorobenzene	16.510	284	21262	1.303	ng/u1	95
75) 1,2,3,4-Tetrachloroben...	13.275	216	6136648	306.453	ng/uL	99
76) Pentachlorobenzene	14.781	250	743108	37.778	ng/uL	100

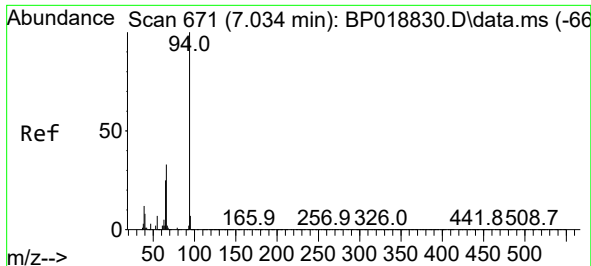
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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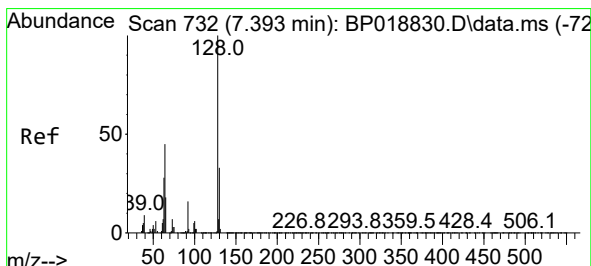
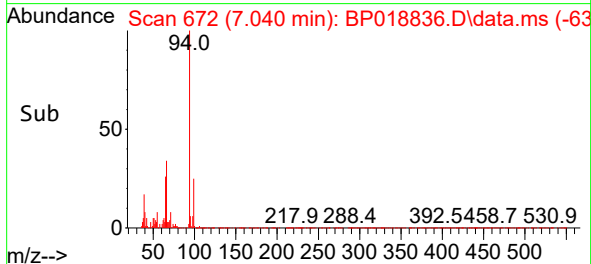
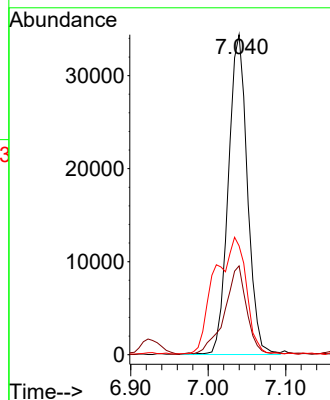
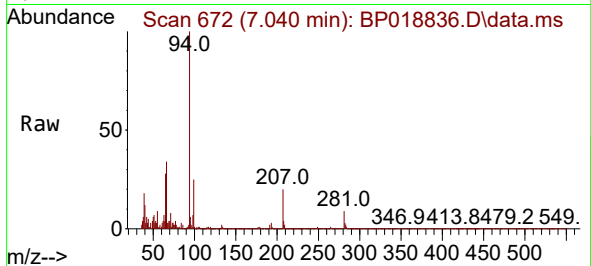




#8
Phenol
Concen: 7.523 ng/ul
RT: 7.040 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP018836.D
Acq: 14 Dec 2023 10:28

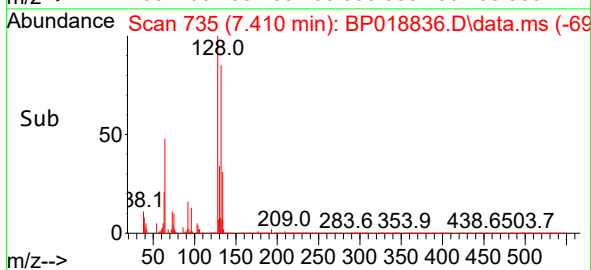
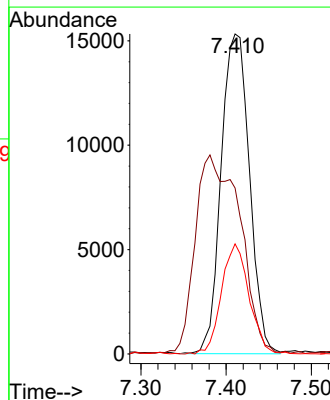
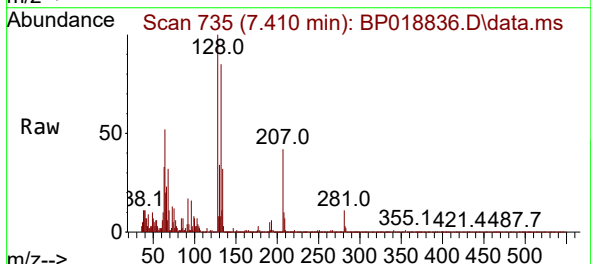
Instrument :
BNA_P
ClientSampleId :
C0AS1

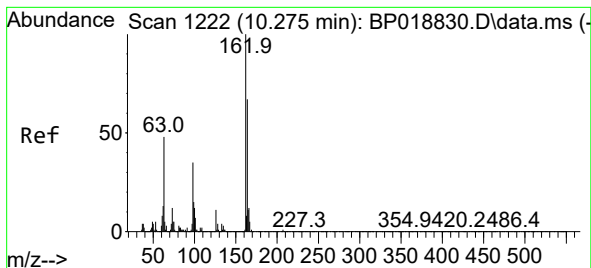
Tgt Ion: 94 Resp: 58811
Ion Ratio Lower Upper
94 100
65 27.8 21.0 31.6
66 34.0 28.6 43.0



#12
2-Chlorophenol
Concen: 5.632 ng/ul
RT: 7.410 min Scan# 735
Delta R.T. 0.018 min
Lab File: BP018836.D
Acq: 14 Dec 2023 10:28

Tgt Ion:128 Resp: 35455
Ion Ratio Lower Upper
128 100
64 51.9 37.0 55.4
130 34.4 26.8 40.2





#29

2,4-Dichlorophenol

Concen: 4.501 ng/ul

RT: 10.328 min Scan# 1222

Delta R.T. 0.053 min

Lab File: BP018836.D

Acq: 14 Dec 2023 10:28

Instrument :

BNA_P

ClientSampleId :

C0AS1

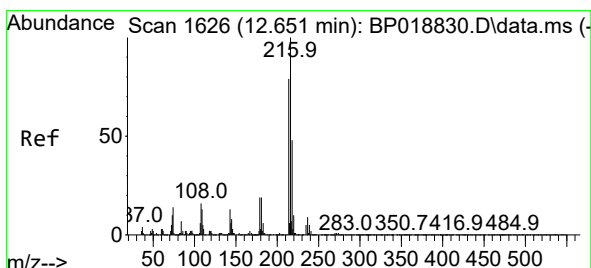
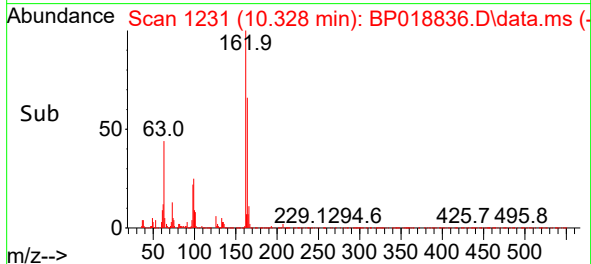
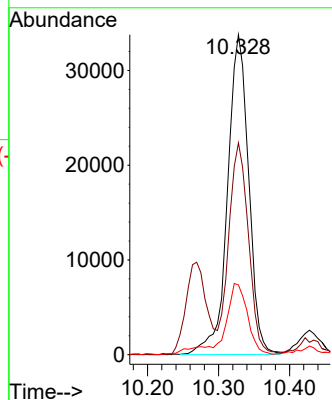
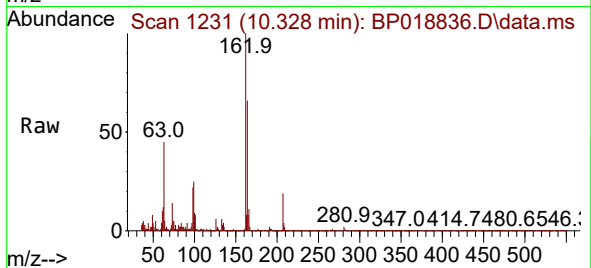
Tgt Ion:162 Resp: 69758

Ion Ratio Lower Upper

162 100

164 66.2 51.7 77.5

98 21.8 29.2 43.8#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 87.348 ng/ul

RT: 12.657 min Scan# 1627

Delta R.T. -0.000 min

Lab File: BP018836.D

Acq: 14 Dec 2023 10:28

Tgt Ion:216 Resp: 1473905

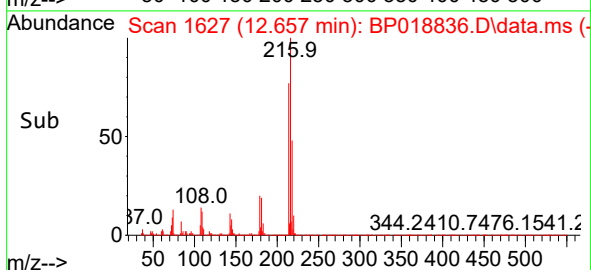
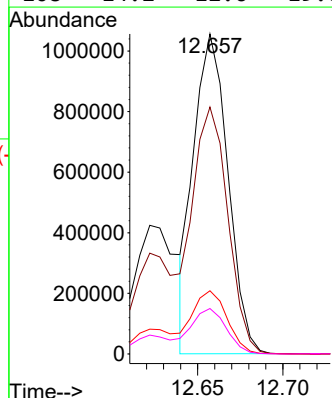
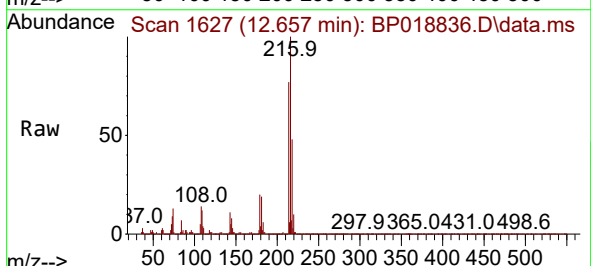
Ion Ratio Lower Upper

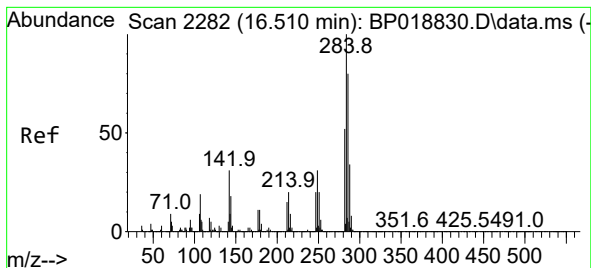
216 100

214 77.2 63.9 95.9

179 19.7 16.3 24.5

108 14.2 12.6 19.0





#69

Hexachlorobenzene

Concen: 1.303 ng/uI

RT: 16.510 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018836.D

Acq: 14 Dec 2023 10:28

Instrument :

BNA_P

ClientSampleId :

C0AS1

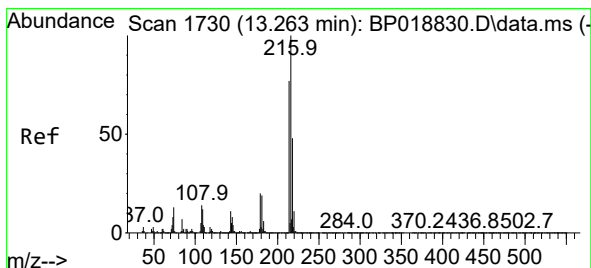
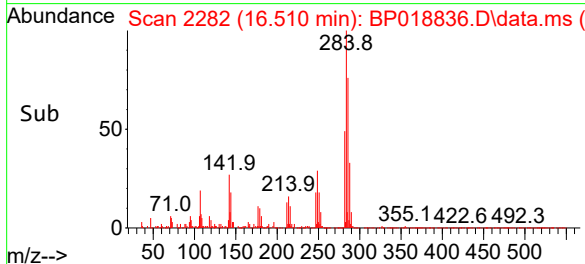
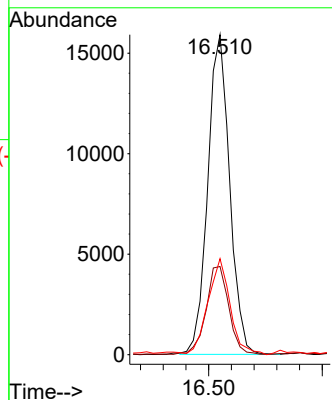
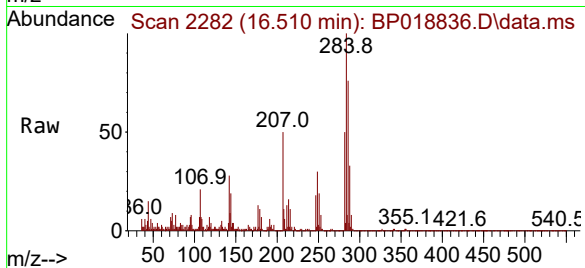
Tgt Ion:284 Resp: 21262

Ion Ratio Lower Upper

284 100

142 27.6 25.8 38.6

249 30.0 24.9 37.3



#75

1,2,3,4-Tetrachlorobenzene

Concen: 306.453 ng/uL

RT: 13.275 min Scan# 1732

Delta R.T. 0.012 min

Lab File: BP018836.D

Acq: 14 Dec 2023 10:28

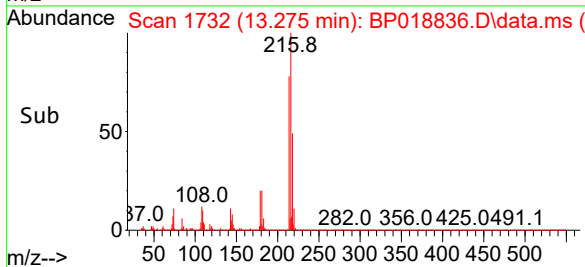
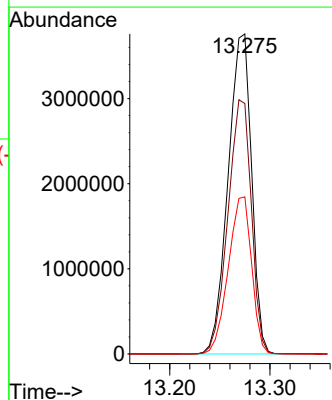
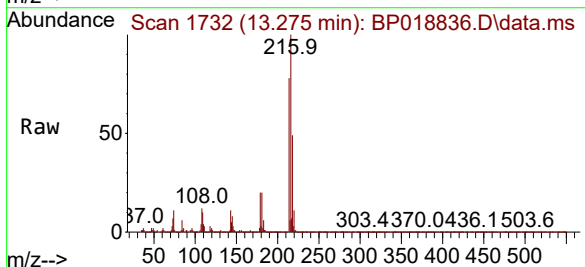
Tgt Ion:216 Resp: 6136648

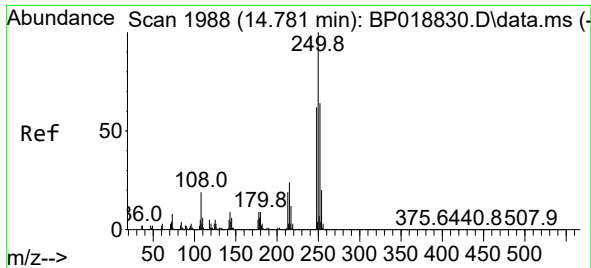
Ion Ratio Lower Upper

216 100

214 78.3 61.4 92.2

218 49.1 39.2 58.8





#76
 Pentachlorobenzene
 Concen: 37.778 ng/uL
 RT: 14.781 min Scan# 1988
 Delta R.T. -0.000 min
 Lab File: BP018836.D
 Acq: 14 Dec 2023 10:28

Instrument :
 BNA_P
 ClientSampleId :
 C0AS1

Tgt Ion:250 Resp: 743108
 Ion Ratio Lower Upper
 250 100
 248 62.6 50.6 75.8
 252 64.2 51.3 76.9

