Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018842.D
Acq On : 14 Dec 2023 14:45
Operator : MA/JU
Sample : 05646-15
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Dec 14 21:54:04 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	72982	20.000	ng/ul	0.03
20) Naphthalene-d8	10.663	136	529115	20.000	ng/ul	0.04
38) Acenaphthene-d10	14.463	164	336566	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	774801	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	943132	20.000	ng/ul	0.00
88) Perylene-d12	23.662	264	1278934	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	29108	13.591	ng/uL	0.00
4) Pyridine-d5	3.681	84	369294	64.375	ng/ul	0.00
7) Phenol-d5	7.010	99	493379	67.365	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.199	67	305983	70.489	ng/ul	0.03
11) 2-Chlorophenol-d4	7.381	132	396743	69.422	ng/ul	0.02
15) 4-Methylphenol-d8	8.552	113	255432	43.095	ng/ul	0.00
21) Nitrobenzene-d5	9.004	128	126731	26.911	ng/ul	0.01
24) 2-Nitrophenol-d4	9.722	143	138797	28.428	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.263	165	282658	28.312	ng/ul	0.01
31) 4-Chloroaniline-d4	10.787	131	358083	27.445	ng/ul	0.02
46) Dimethylphthalate-d6	13.881	166	764032	25.435	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	889258	26.885	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	112822	22.881	ng/ul	0.00
60) Fluorene-d10	15.457	176	729417	28.928	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	82746	17.811	ng/ul	0.00
73) Anthracene-d10	17.310	188	1137038	27.915	ng/ul	0.00
81) Pyrene-d10	19.545	212	1502357	20.464	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.504	264	2024994	27.155	ng/ul	-0.01
Target Compounds						Qvalue
8) Phenol	7.040	94	59779	8.323	ng/ul	95
12) 2-Chlorophenol	7.416	128	6042	1.045	ng/ul#	60
13) 2-Methylphenol	8.240	108	81311	14.787	ng/ul	90
18) 4-Methylphenol	8.610	108	48007	7.995	ng/ul	90
29) 2,4-Dichlorophenol	10.334	162	13354	1.389	ng/ul#	82
39) 1,2,4,5-Tetrachloroben...	12.663	216	2236274	183.135	ng/ul	98
43) 1,1'-Biphenyl	13.275	154	52753	1.812	ng/ul#	81
69) Hexachlorobenzene	16.510	284	25694	2.353	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.275	216	8198183	611.940	ng/uL	98
76) Pentachlorobenzene	14.781	250	1111440	84.457	ng/uL	100

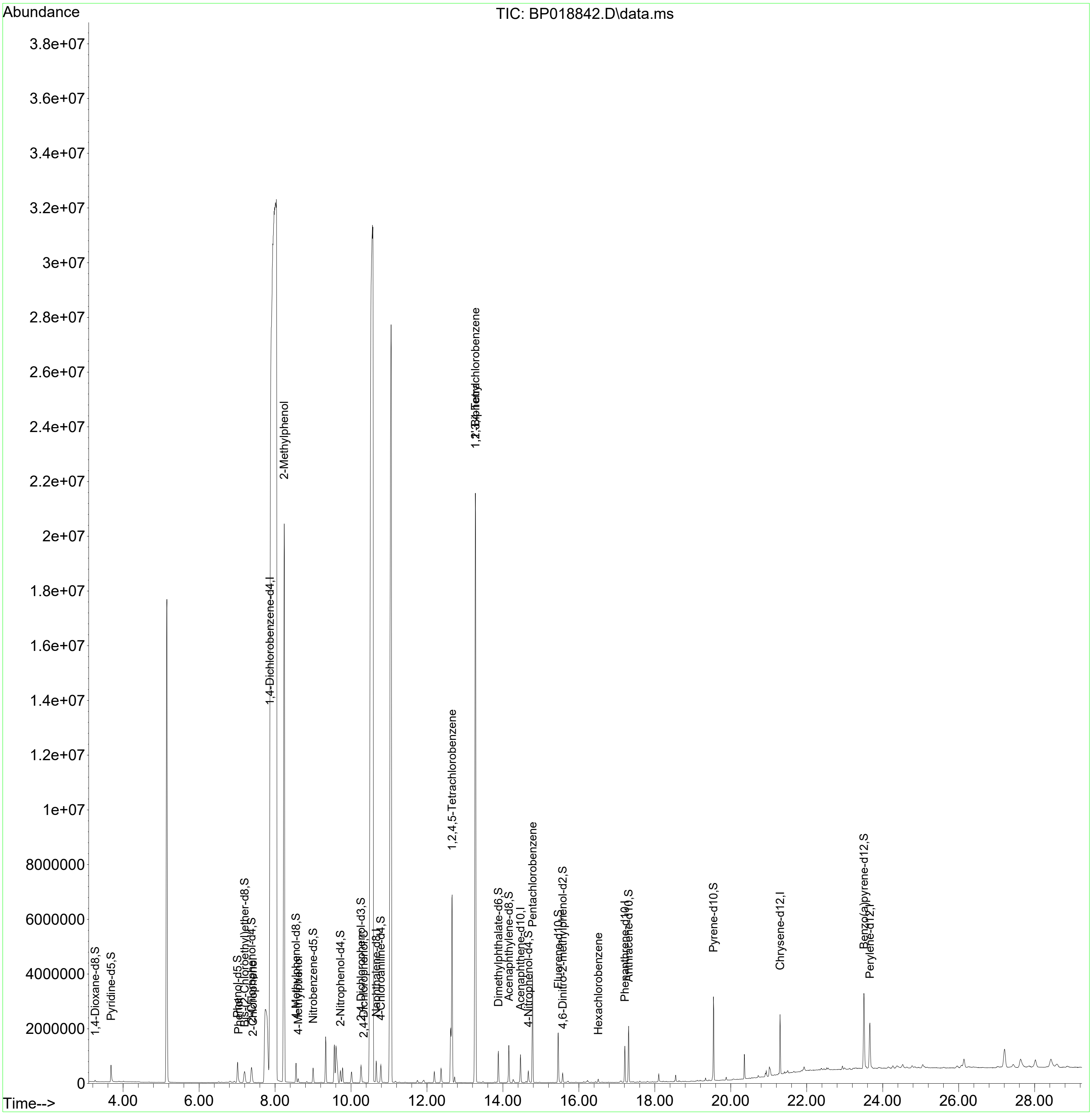
(#) = qualifier out of range (m) = manual integration (+) = signals summed

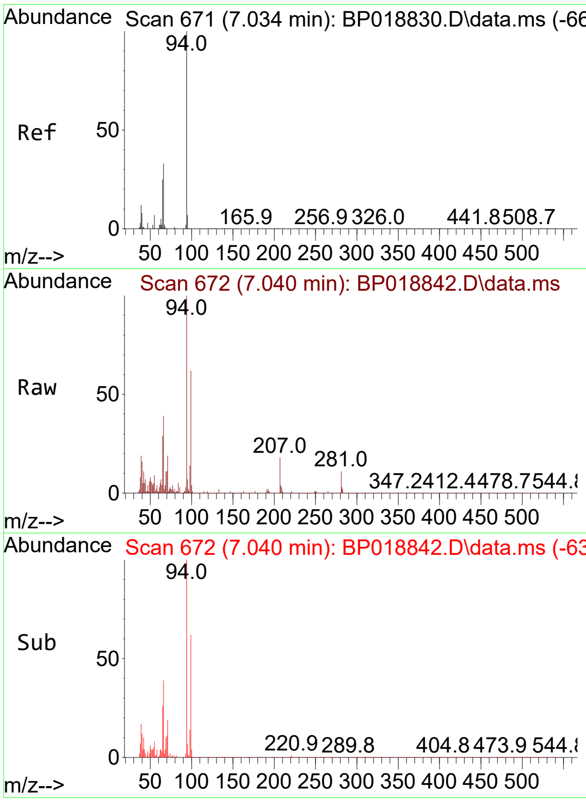
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018842.D
Acq On : 14 Dec 2023 14:45
Operator : MA/JU
Sample : O5646-15
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Dec 14 21:54:04 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





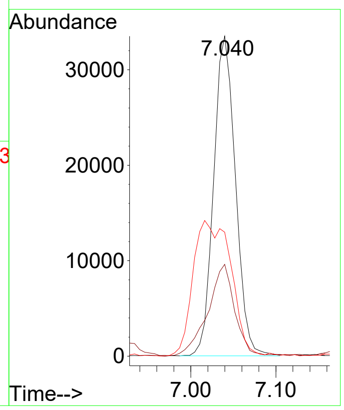
#8
Phenol
Concen: 8.323 ng/ul
RT: 7.040 min   Scan# 6

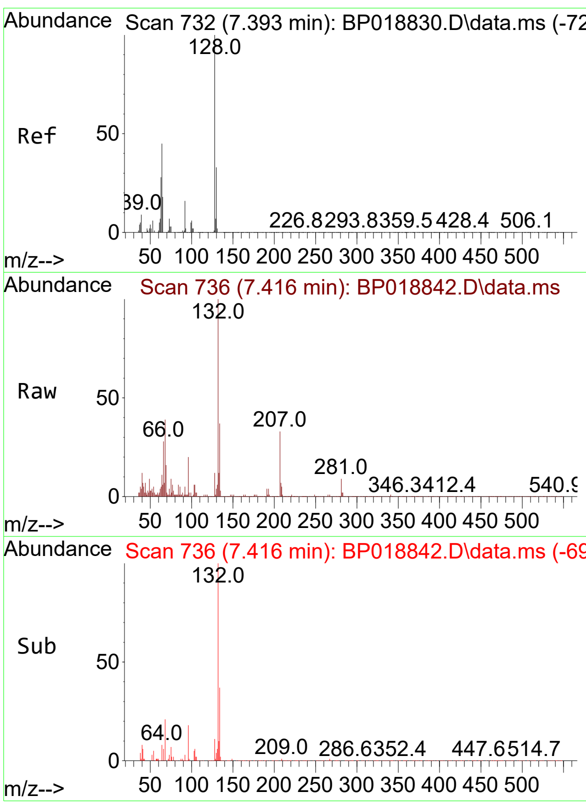
Instrument :
BNA_P
ClientSampleId :

Delta R.T. 0.012 min
Lab File: BP018842.D
Acq: 14 Dec 2023 14:45

Tgt Ion: 94 Resp: 59779

Ion	Ratio	Lower	Upper
94	100		
65	28.7	21.0	31.6
66	38.8	28.6	43.0

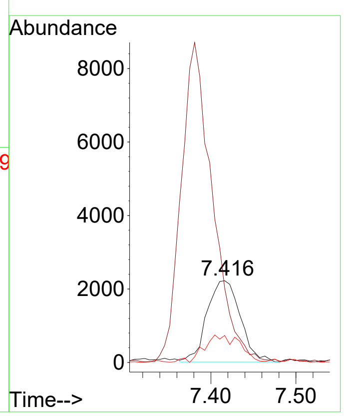


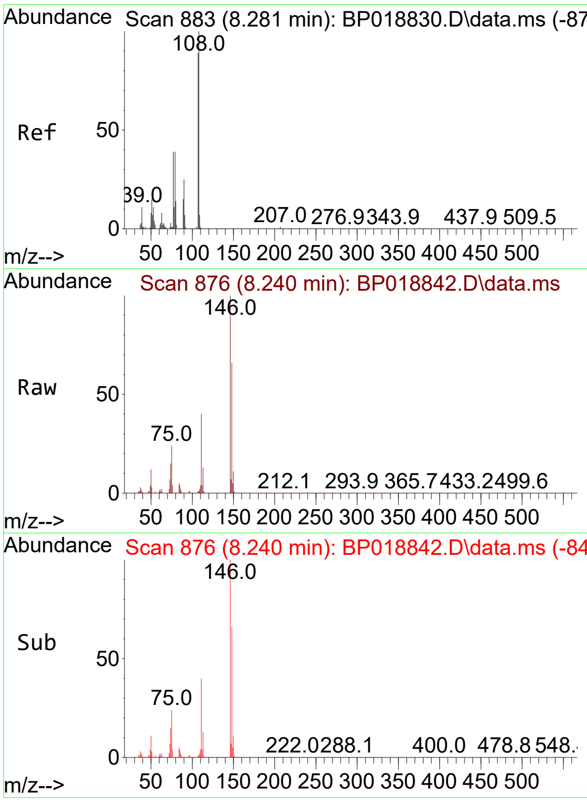


#12
2-Chlorophenol
Concen: 1.045 ng/ul
RT: 7.416 min   Scan# 736
Delta R.T. 0.023 min
Lab File: BP018842.D
Acq: 14 Dec 2023 14:45

Tgt Ion:128 Resp: 6042

Ion	Ratio	Lower	Upper
128	100		
64	91.0	37.0	55.4#
130	33.1	26.8	40.2





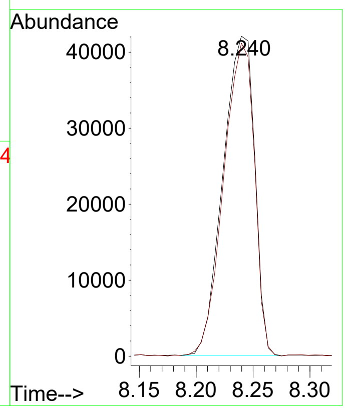
#13
2-Methylphenol
Concen: 14.787 ng/ul
RT: 8.240 min Scan# 8

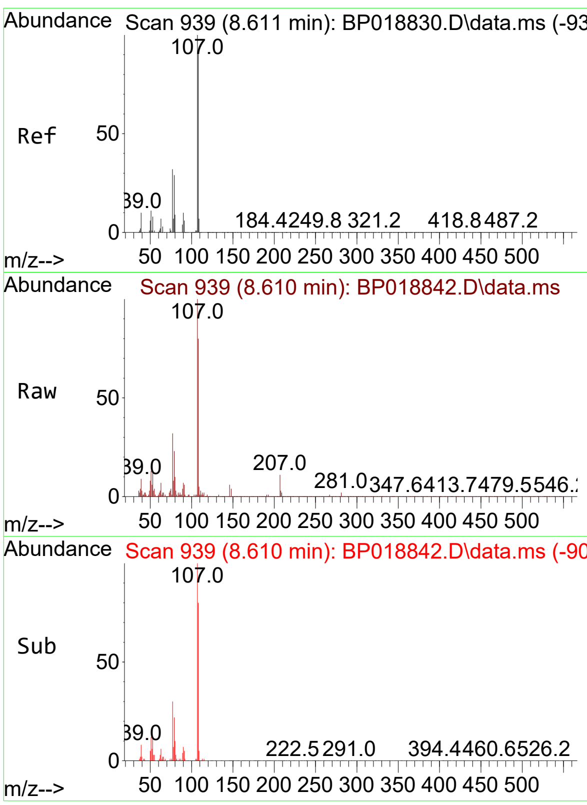
Instrument :
BNA_P
ClientSampleId :

Delta R.T. -0.041 min
Lab File: BP018842.D
Acq: 14 Dec 2023 14:45

Tgt Ion:108 Resp: 81311

Ion	Ratio	Lower	Upper
108	100		
107	97.8	70.6	105.8

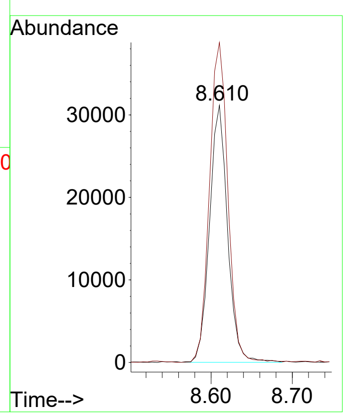


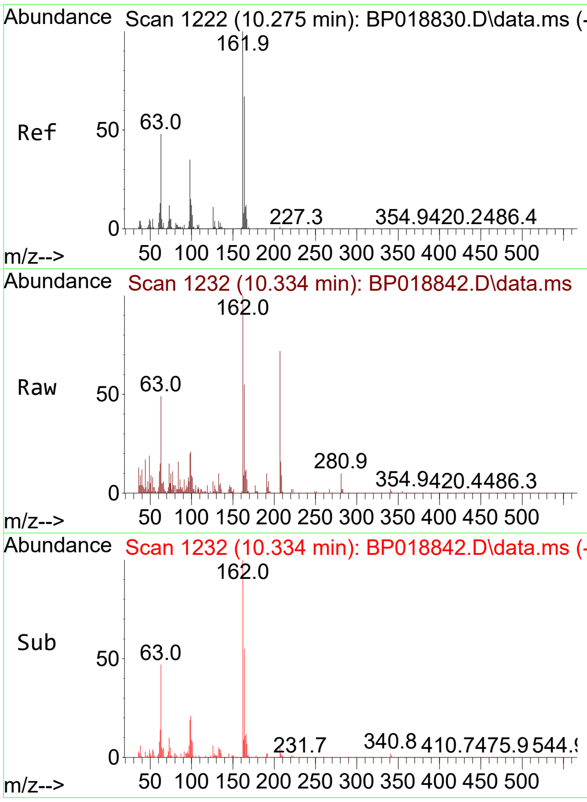


#18
4-Methylphenol
Concen: 7.995 ng/ul
RT: 8.610 min Scan# 939
Delta R.T. -0.000 min
Lab File: BP018842.D
Acq: 14 Dec 2023 14:45

Tgt Ion:108 Resp: 48007

Ion	Ratio	Lower	Upper
108	100		
107	124.5	90.6	136.0





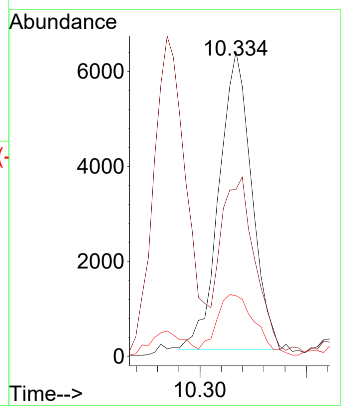
#29
2,4-Dichlorophenol
Concen: 1.389 ng/ul
RT: 10.334 min Scan# 1

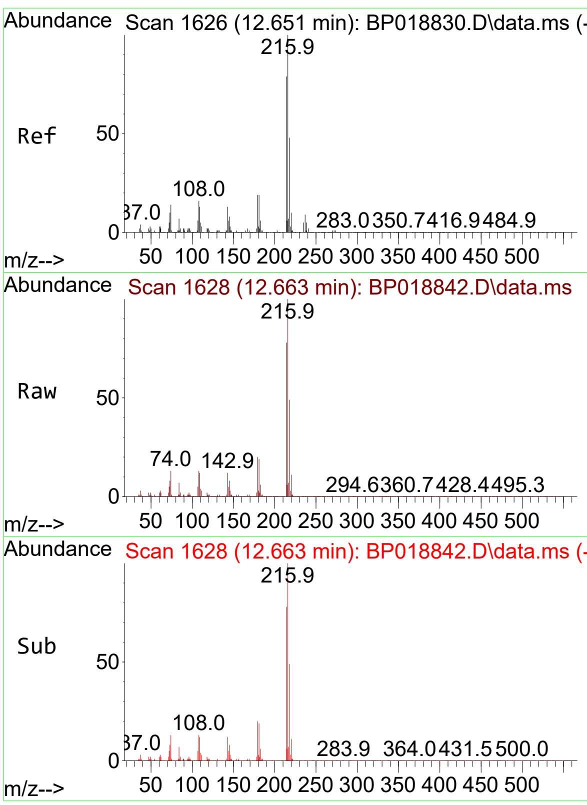
Instrument :
BNA_P
ClientSampleId :

Delta R.T. 0.059 min
Lab File: BP018842.D
Acq: 14 Dec 2023 14:45

Tgt Ion:162 Resp: 13354

Ion	Ratio	Lower	Upper
162	100		
164	54.8	51.7	77.5
98	19.9	29.2	43.8#

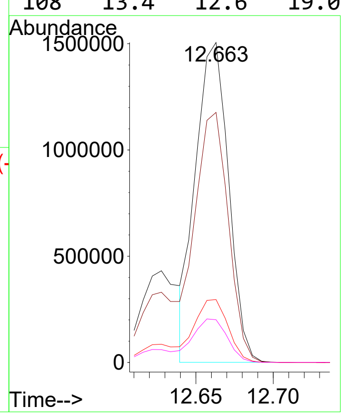


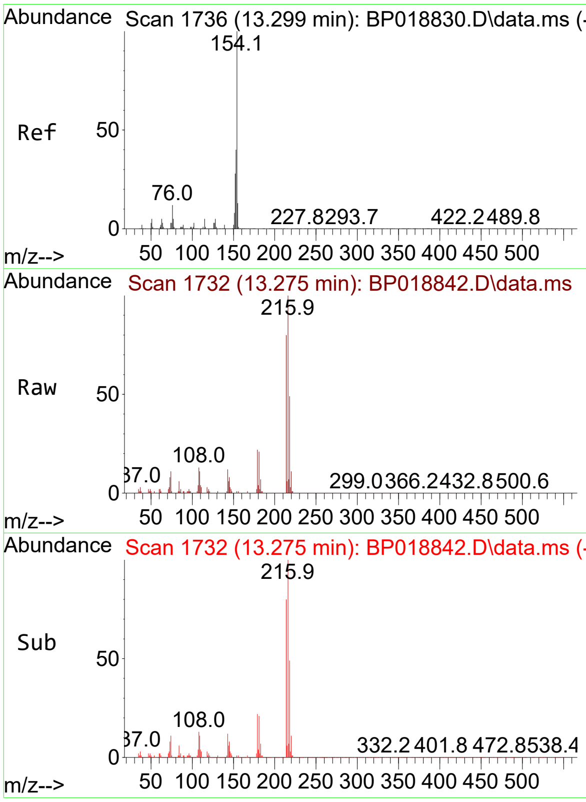


#39
1,2,4,5-Tetrachlorobenzene
Concen: 183.135 ng/ul
RT: 12.663 min Scan# 1628
Delta R.T. 0.006 min
Lab File: BP018842.D
Acq: 14 Dec 2023 14:45

Tgt Ion:216 Resp: 2236274

Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.9	95.9
179	19.6	16.3	24.5
108	13.4	12.6	19.0





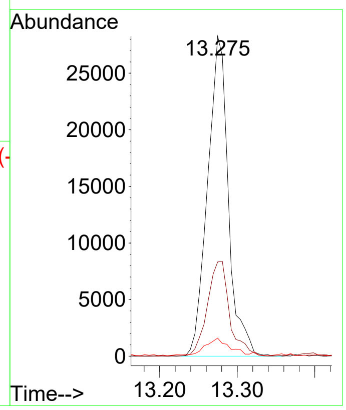
#43
1,1'-Biphenyl
Concen: 1.812 ng/ul
RT: 13.275 min Scan# 1

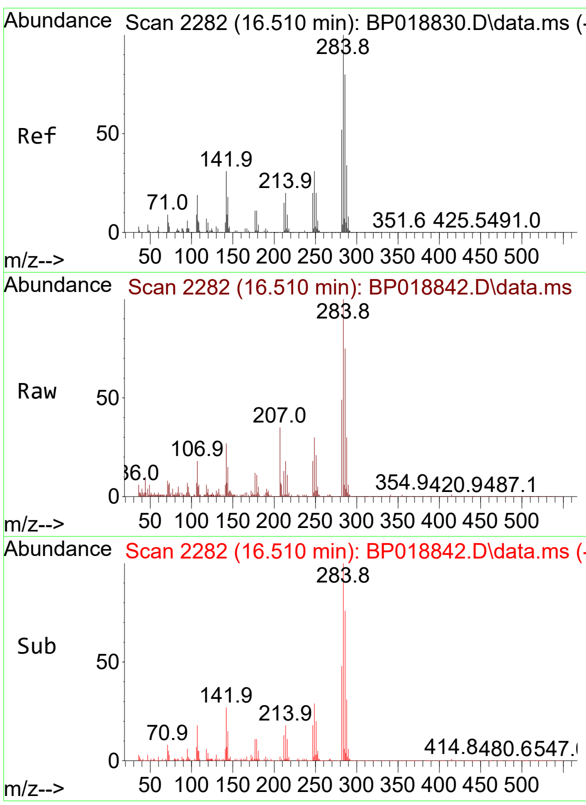
Instrument :
BNA_P
ClientSampleId :

Delta R.T. -0.024 min
Lab File: BP018842.D
Acq: 14 Dec 2023 14:45

Tgt Ion:154 Resp: 52753

Ion	Ratio	Lower	Upper
154	100		
153	29.5	32.8	49.2#
76	5.6	10.7	16.1#

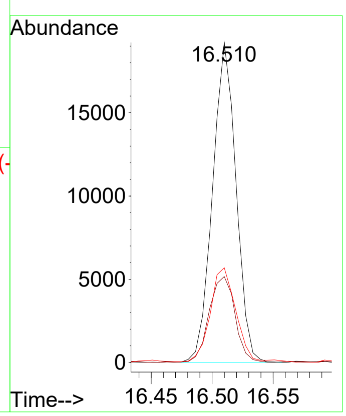


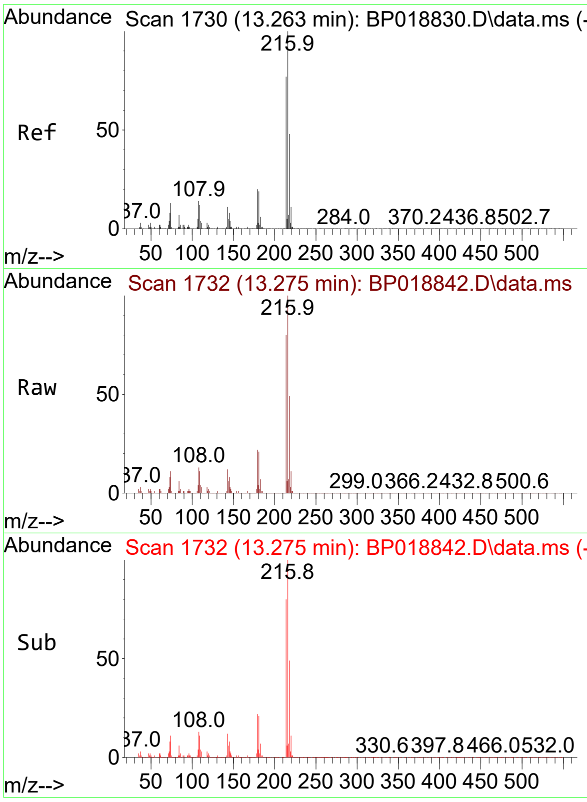


#69
Hexachlorobenzene
Concen: 2.353 ng/ul
RT: 16.510 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BP018842.D
Acq: 14 Dec 2023 14:45

Tgt Ion:284 Resp: 25694

Ion	Ratio	Lower	Upper
284	100		
142	26.9	25.8	38.6
249	29.6	24.9	37.3



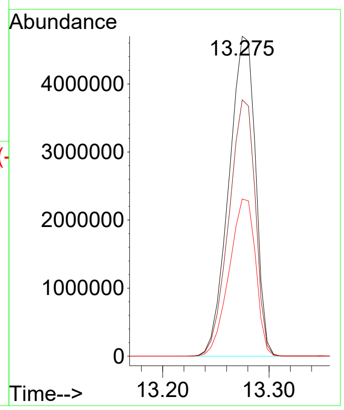


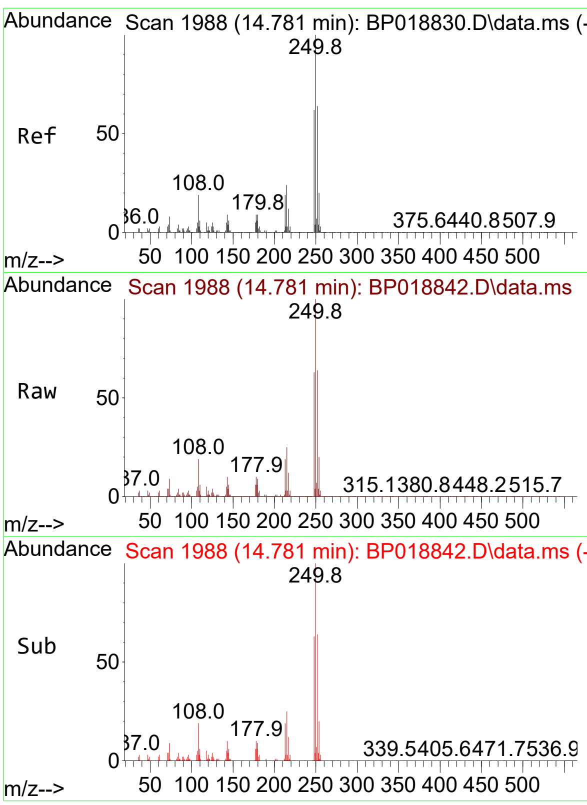
#75
1,2,3,4-Tetrachlorobenzene
Concen: 611.940 ng/uL
RT: 13.275 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP018842.D
Acq: 14 Dec 2023 14:45

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:216 Resp: 8198183

Ion	Ratio	Lower	Upper
216	100		
214	80.1	61.4	92.2
218	49.2	39.2	58.8





#76
Pentachlorobenzene
Concen: 84.457 ng/uL
RT: 14.781 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BP018842.D
Acq: 14 Dec 2023 14:45

Tgt Ion:250 Resp: 1111440

Ion	Ratio	Lower	Upper
250	100		
248	62.9	50.6	75.8
252	63.8	51.3	76.9