

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
 Data File : BP018962.D
 Acq On : 20 Dec 2023 15:41
 Operator : MA/JU
 Sample : 05850-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0QM2

Quant Time: Dec 20 21:48:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 19 05:28:03 2023
 Response via : Initial Calibration

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

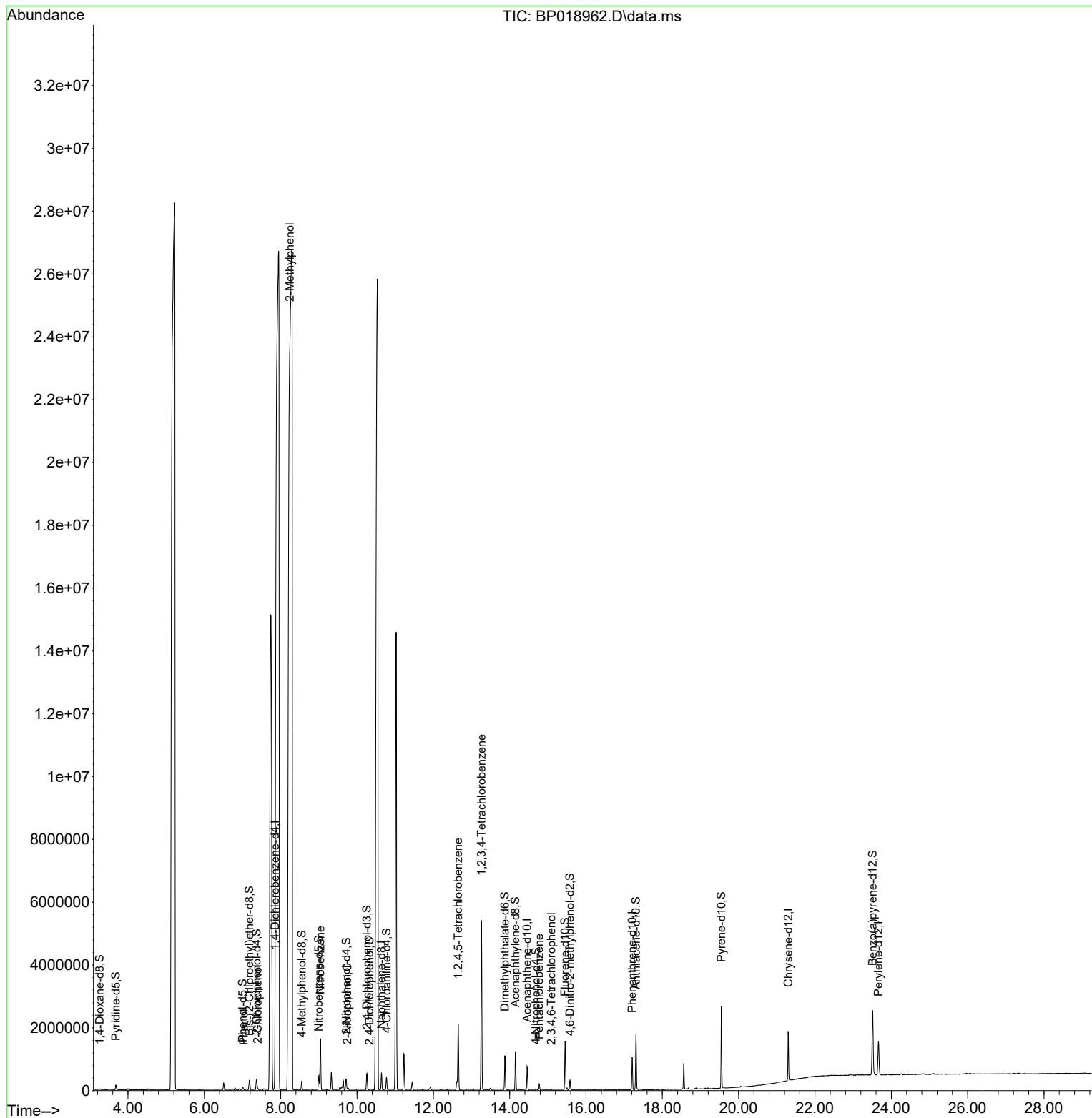
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	41780	20.000	ng/u1	0.02
20) Naphthalene-d8	10.640	136	398865	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.457	164	257368	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.210	188	617683	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.298	240	718755	20.000	ng/u1	-0.02
88) Perylene-d12	23.663	264	872829	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	13493	11.005	ng/uL	0.00
4) Pyridine-d5	3.681	84	86966	26.482	ng/u1	0.00
7) Phenol-d5	7.005	99	59677	14.233	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.181	67	176909	71.190	ng/u1	0.01
11) 2-Chlorophenol-d4	7.369	132	186497	57.005	ng/u1	0.00
15) 4-Methylphenol-d8	8.552	113	103600	30.532	ng/u1	0.00
21) Nitrobenzene-d5	8.999	128	110019	30.991	ng/u1	0.00
24) 2-Nitrophenol-d4	9.716	143	124044	33.703	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	213439	28.360	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	215820	21.943	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	699150	30.437	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	805809	31.858	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.687	143	15187	4.028	ng/u1	0.00
60) Fluorene-d10	15.451	176	629157	32.630	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	79430	21.446	ng/u1	-0.01
73) Anthracene-d10	17.310	188	1032981	31.811	ng/u1	0.00
81) Pyrene-d10	19.545	212	1379242	24.652	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.510	264	1601845	31.475	ng/u1	-0.02
Target Compounds						Qvalue
8) Phenol	7.034	94	7308	1.777	ng/u1#	80
12) 2-Chlorophenol	7.399	128	26508	8.006	ng/u1	96
13) 2-Methylphenol	8.240	108	172418	54.773	ng/u1	88
22) Nitrobenzene	9.040	77	906950	105.077	ng/u1	97
25) 2-Nitrophenol	9.746	139	12734	3.231	ng/u1#	96
29) 2,4-Dichlorophenol	10.328	162	10460	1.443	ng/u1#	90
39) 1,2,4,5-Tetrachloroben...	12.651	216	706436	75.654	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.092	232	6115	1.119	ng/u1	93
75) 1,2,3,4-Tetrachloroben...	13.263	216	1743495	163.244	ng/uL	98
76) Pentachlorobenzene	14.775	250	49302	4.699	ng/uL	98

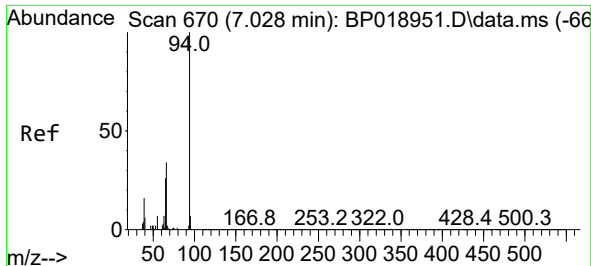
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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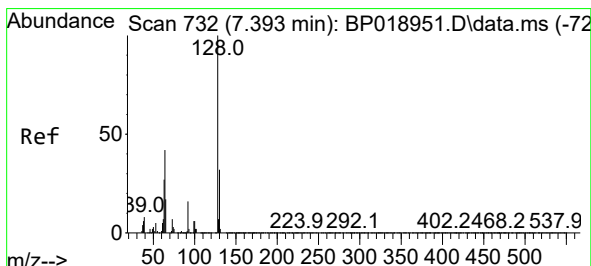
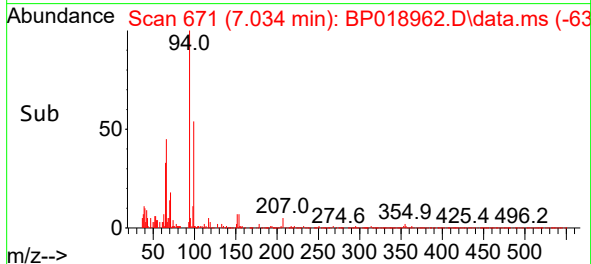
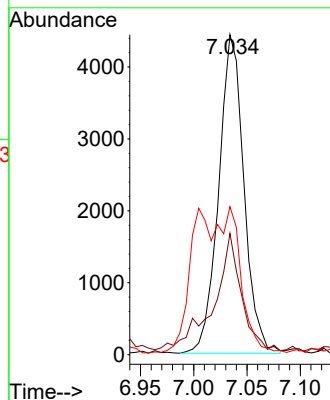
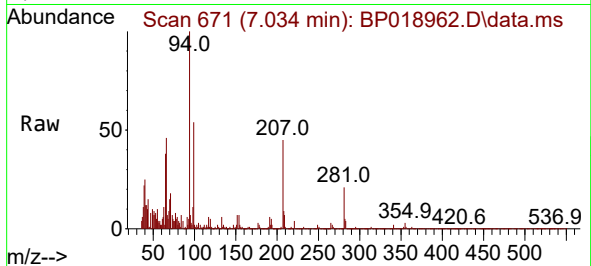




#8
Phenol
Concen: 1.777 ng/ul
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP018962.D
Acq: 20 Dec 2023 15:41

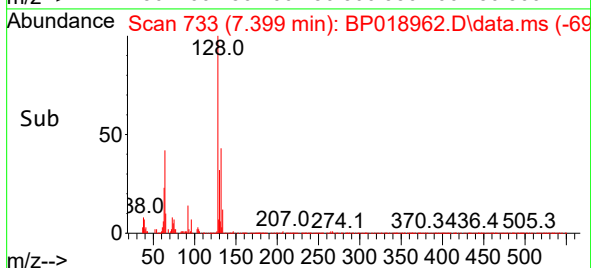
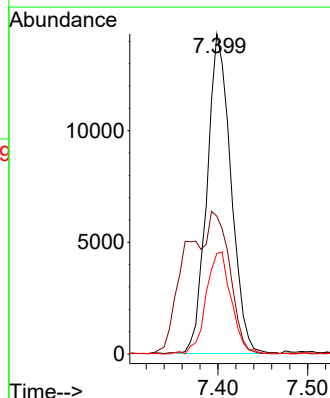
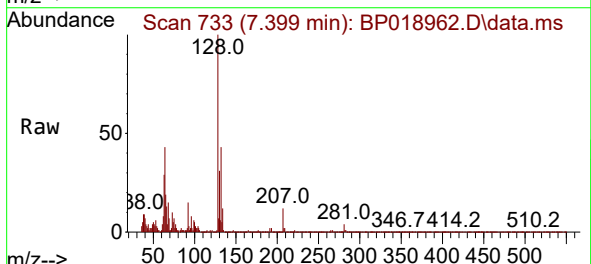
Instrument :
BNA_P
ClientSampleId :
C0QM2

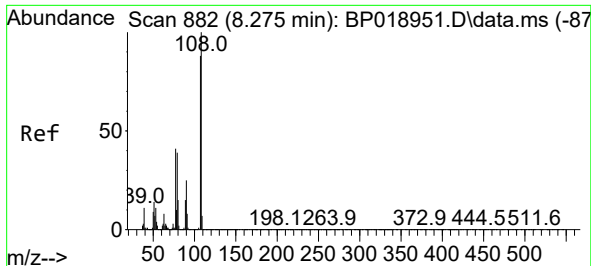
Tgt Ion: 94 Resp: 7308
Ion Ratio Lower Upper
94 100
65 37.9 21.0 31.6#
66 46.2 28.6 43.0#



#12
2-Chlorophenol
Concen: 8.006 ng/ul
RT: 7.399 min Scan# 733
Delta R.T. 0.000 min
Lab File: BP018962.D
Acq: 20 Dec 2023 15:41

Tgt Ion: 128 Resp: 26508
Ion Ratio Lower Upper
128 100
64 43.0 37.0 55.4
130 31.4 26.8 40.2

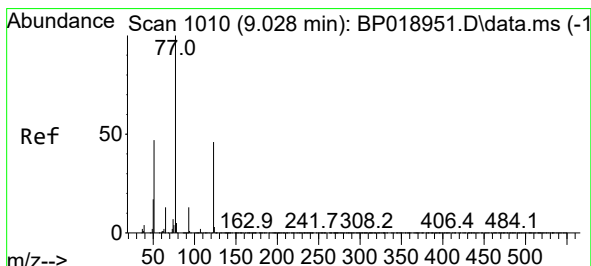
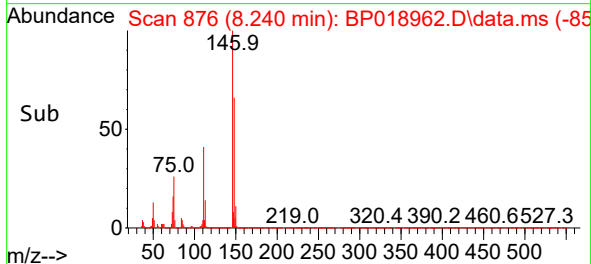
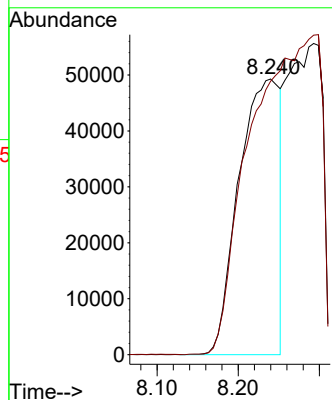
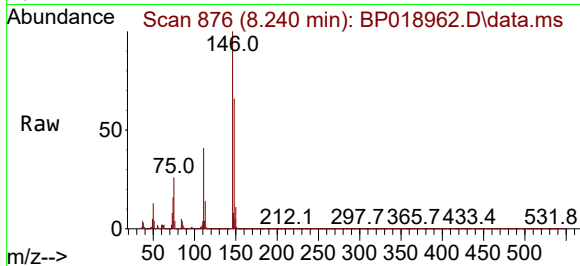




#13
2-Methylphenol
Concen: 54.773 ng/ul
RT: 8.240 min Scan# 81
Delta R.T. -0.047 min
Lab File: BP018962.D
Acq: 20 Dec 2023 15:41

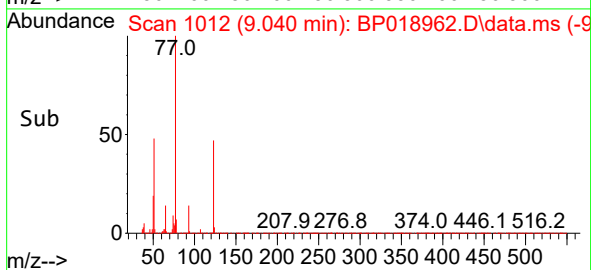
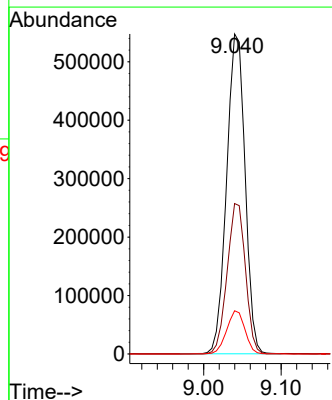
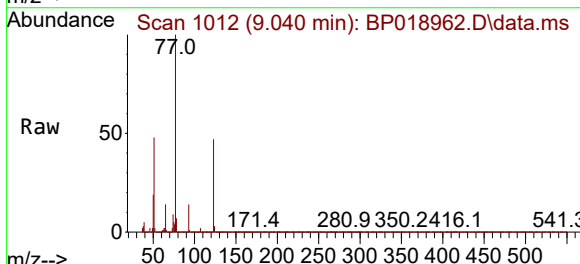
Instrument :
BNA_P
ClientSampleId :
C0QM2

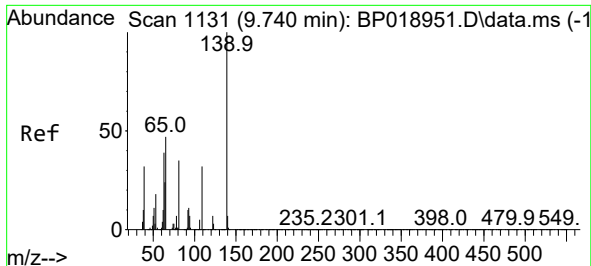
Tgt Ion:108 Resp: 172418
Ion Ratio Lower Upper
108 100
107 99.2 70.6 105.8



#22
Nitrobenzene
Concen: 105.077 ng/ul
RT: 9.040 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BP018962.D
Acq: 20 Dec 2023 15:41

Tgt Ion: 77 Resp: 906950
Ion Ratio Lower Upper
77 100
123 47.0 35.8 53.8
65 13.5 10.5 15.7

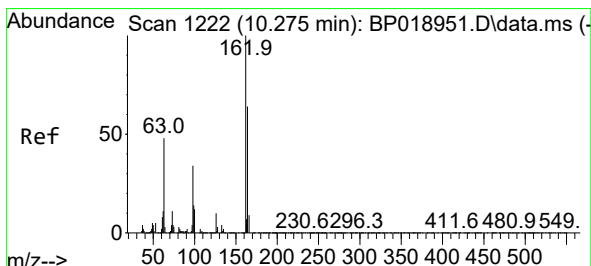
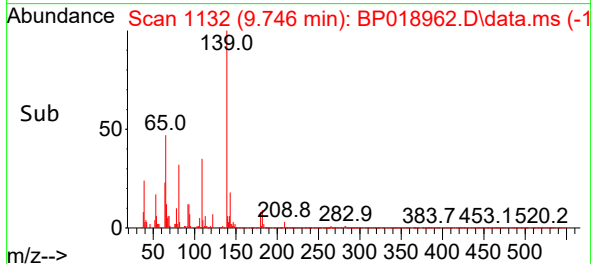
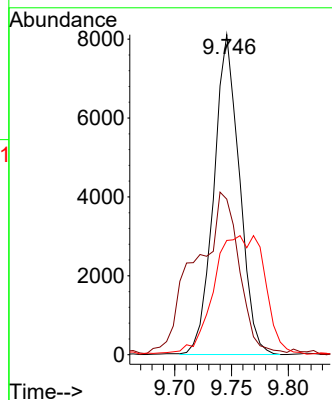
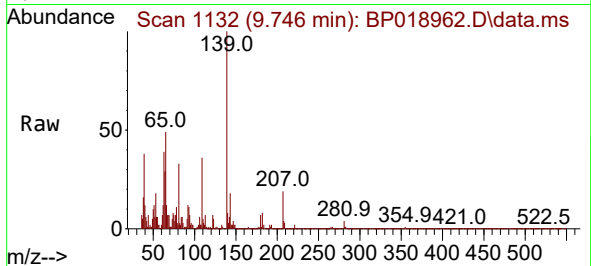




#25
2-Nitrophenol
Concen: 3.231 ng/ul
RT: 9.746 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BP018962.D
Acq: 20 Dec 2023 15:41

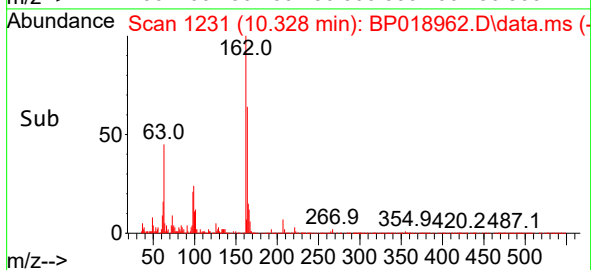
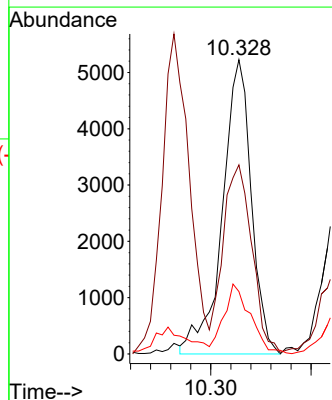
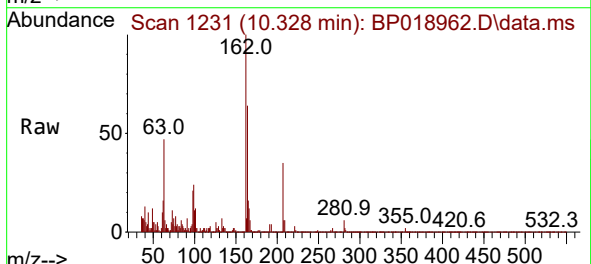
Instrument :
BNA_P
ClientSampleId :
C0QM2

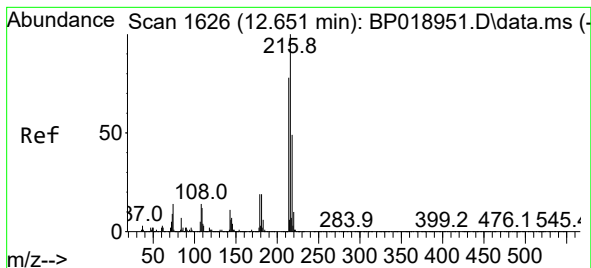
Tgt Ion	Ratio	Lower	Upper
139	100		
65	48.6	39.1	58.7
109	35.7	23.8	35.6#



#29
2,4-Dichlorophenol
Concen: 1.443 ng/ul
RT: 10.328 min Scan# 1231
Delta R.T. 0.041 min
Lab File: BP018962.D
Acq: 20 Dec 2023 15:41

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	51.7	77.5
98	21.2	29.2	43.8#

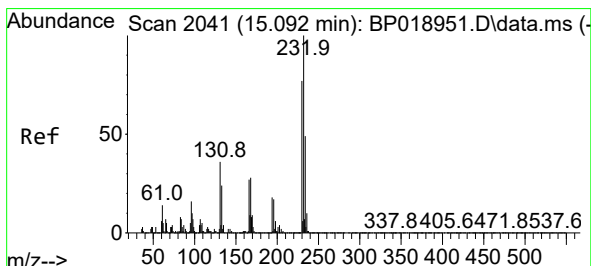
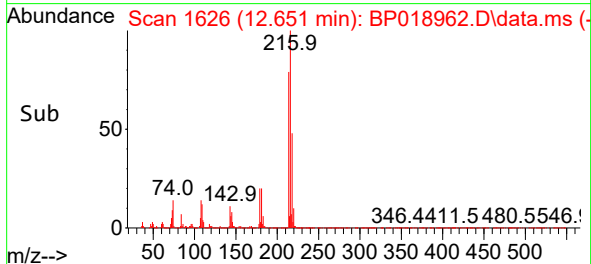
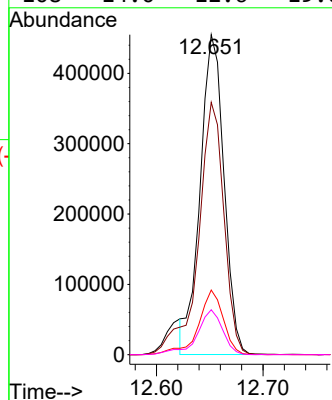
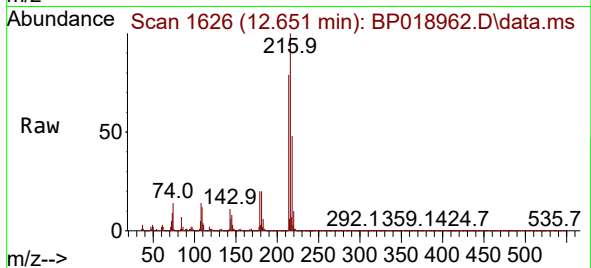




#39
1,2,4,5-Tetrachlorobenzene
Concen: 75.654 ng/ul
RT: 12.651 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP018962.D
Acq: 20 Dec 2023 15:41

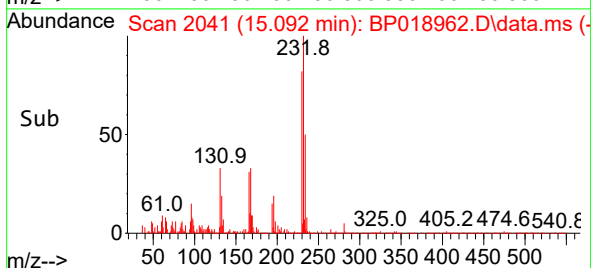
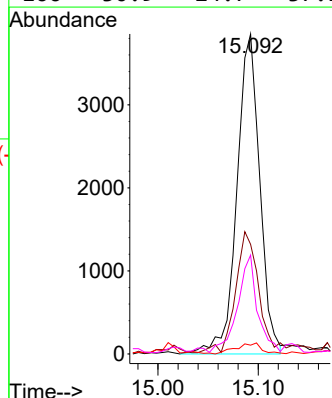
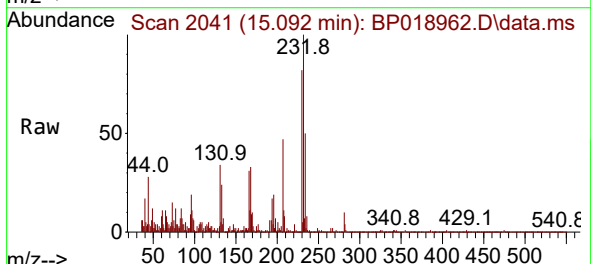
Instrument :
BNA_P
ClientSampleId :
C0QM2

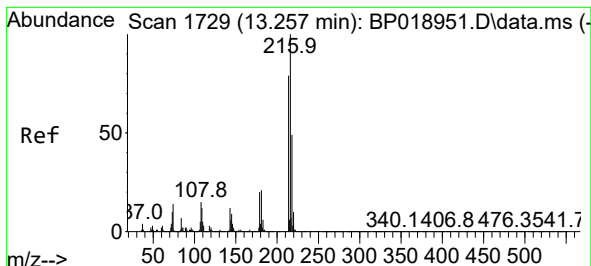
Tgt Ion:216 Resp: 706436
Ion Ratio Lower Upper
216 100
214 78.9 63.9 95.9
179 20.2 16.3 24.5
108 14.0 12.6 19.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 1.119 ng/ul
RT: 15.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BP018962.D
Acq: 20 Dec 2023 15:41

Tgt Ion:232 Resp: 6115
Ion Ratio Lower Upper
232 100
131 34.3 33.8 50.8
130 2.7 1.8 2.8
166 30.9 24.7 37.1





#75

1,2,3,4-Tetrachlorobenzene

Concen: 163.244 ng/uL

RT: 13.263 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP018962.D

Acq: 20 Dec 2023 15:41

Instrument :

BNA_P

ClientSampleId :

C0QM2

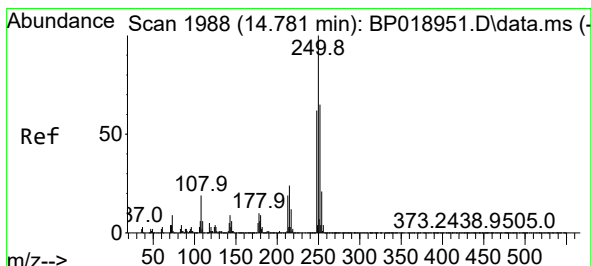
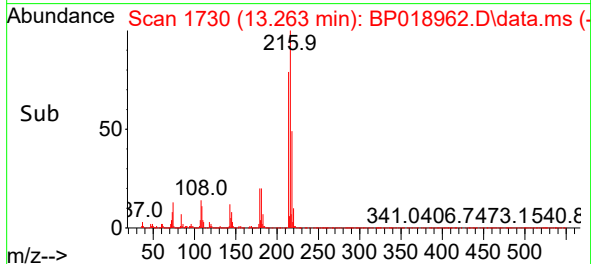
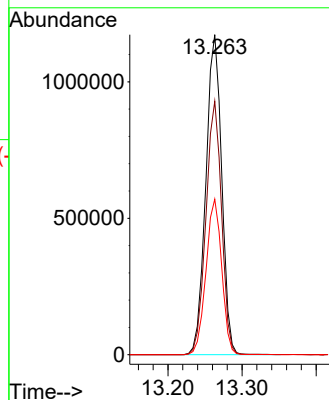
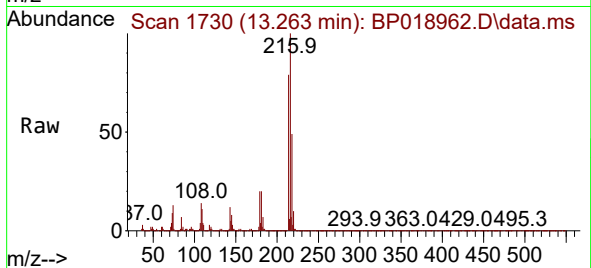
Tgt Ion:216 Resp: 1743495

Ion Ratio Lower Upper

216 100

214 79.2 61.4 92.2

218 48.6 39.2 58.8



#76

Pentachlorobenzene

Concen: 4.699 ng/uL

RT: 14.775 min Scan# 1987

Delta R.T. -0.012 min

Lab File: BP018962.D

Acq: 20 Dec 2023 15:41

Tgt Ion:250 Resp: 49302

Ion Ratio Lower Upper

250 100

248 63.7 50.6 75.8

252 61.7 51.3 76.9

