

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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/22/2023

Quant Time: Dec 20 22:18:44 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	86912m	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	5.290	ng/uL	0.00
4) Pyridine-d5	3.681	84	86966	12.730	ng/u1	0.00
7) Phenol-d5	7.005	99	59677	6.842	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.181	67	176909	34.222	ng/u1	0.01
11) 2-Chlorophenol-d4	7.369	132	186497	27.403	ng/u1	0.00
15) 4-Methylphenol-d8	8.552	113	103600	14.677	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	
12) 2-Chlorophenol	7.399	128	26508	3.848	ng/u1	96
22) Nitrobenzene	9.040	77	906950	105.077	ng/u1	97
25) 2-Nitrophenol	9.746	139	12734	3.231	ng/u1#	96
39) 1,2,4,5-Tetrachloroben...	12.651	216	760400m	81.433	ng/u1	
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

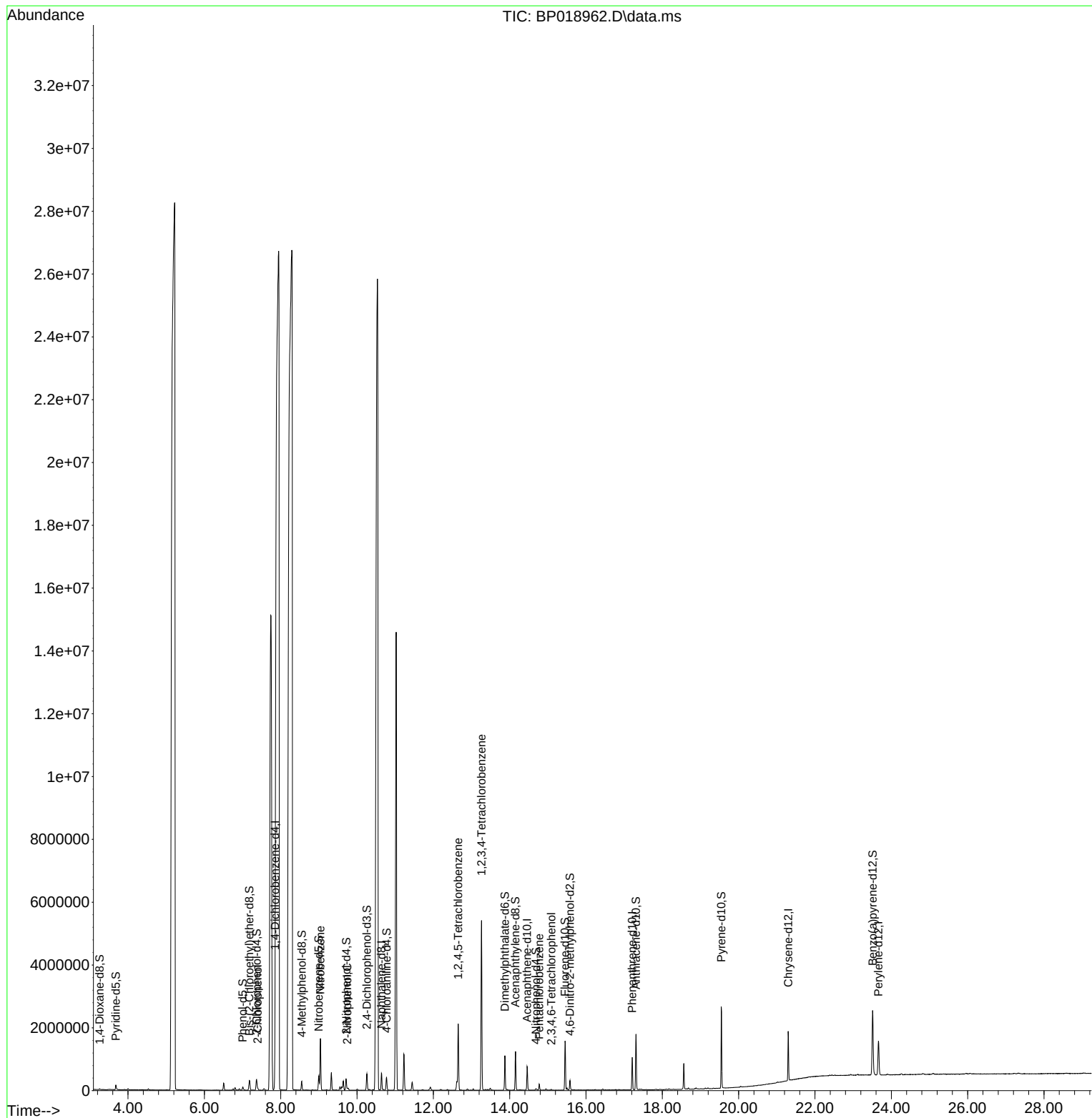
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
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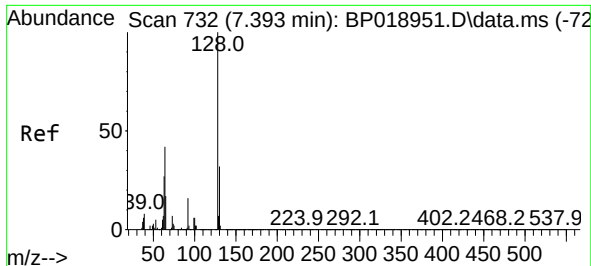
Instrument :
BNA_P
ClientSampleId :
C0QM2

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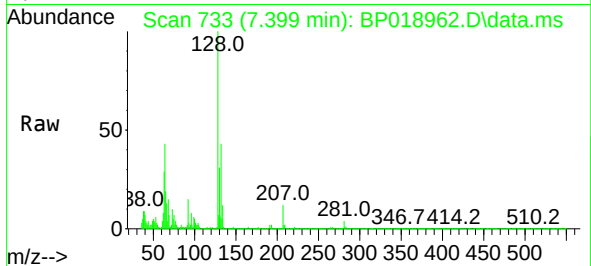
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/22/2023





#12
2-Chlorophenol
Concen: 3.848 ng/ul
RT: 7.399 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP018962.D
Acq: 20 Dec 2023 15:41

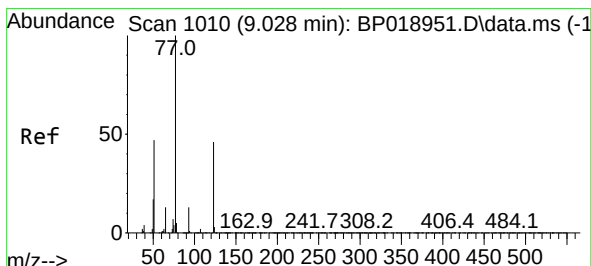
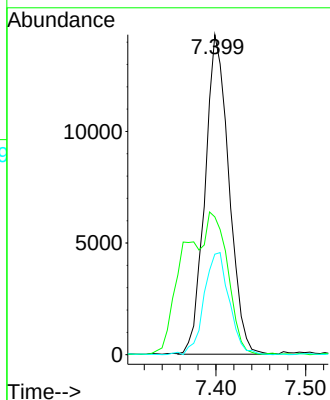
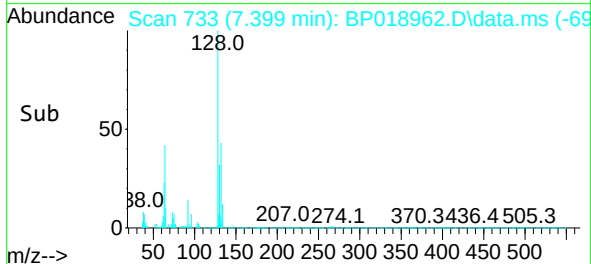
Instrument :
BNA_P
ClientSampleId :
C0QM2



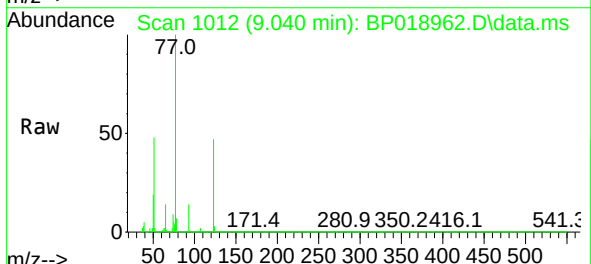
Tgt Ion:128 Resp: 26508
Ion Ratio Lower Upper
128 100
64 43.0 37.0 55.4
130 31.4 26.8 40.2

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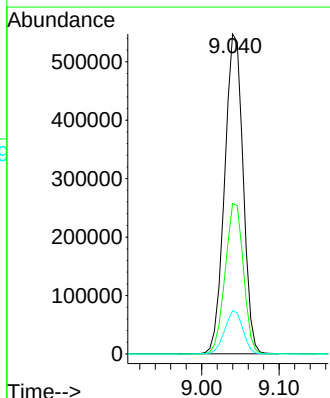
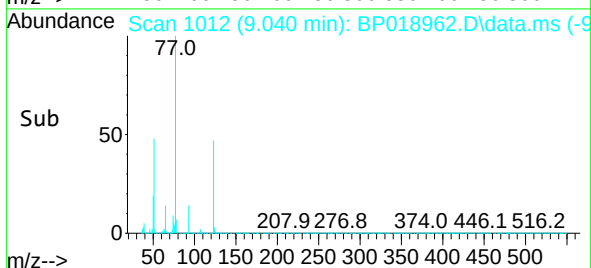
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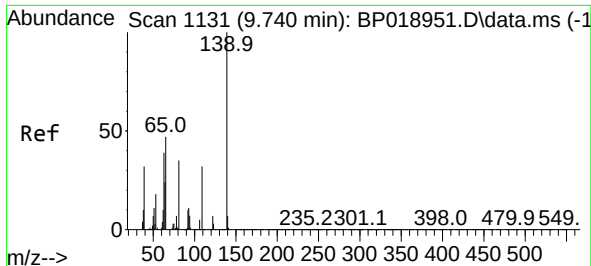


#22
Nitrobenzene
Concen: 105.077 ng/ul
RT: 9.040 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BP018962.D
Acq: 20 Dec 2023 15:41



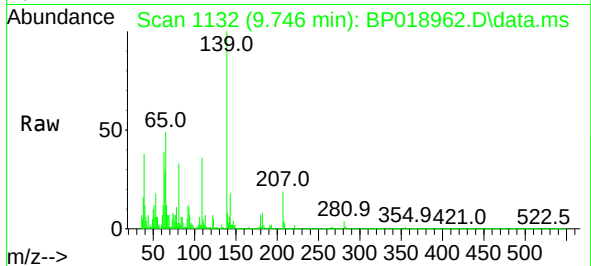
Tgt Ion: 77 Resp: 906950
Ion Ratio Lower Upper
77 100
123 47.0 35.8 53.8
65 13.5 10.5 15.7





#25
2-Nitrophenol
Concen: 3.231 ng/ul
RT: 9.746 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BP018962.D
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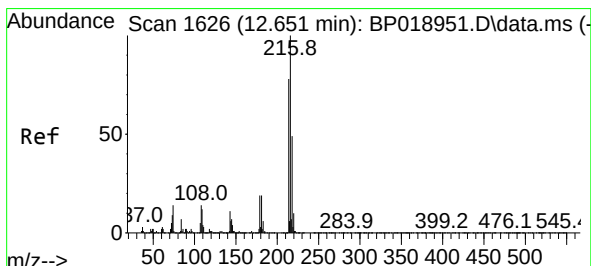
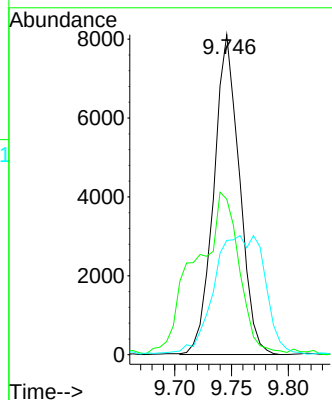
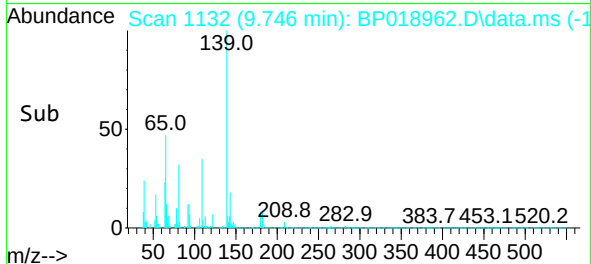
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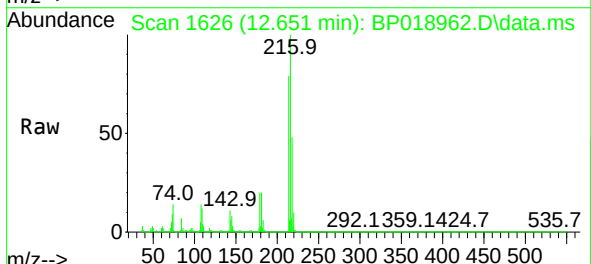
Tgt Ion:139 Resp: 12734
Ion Ratio Lower Upper
139 100
65 48.6 39.1 58.7
109 35.7 23.8 35.6

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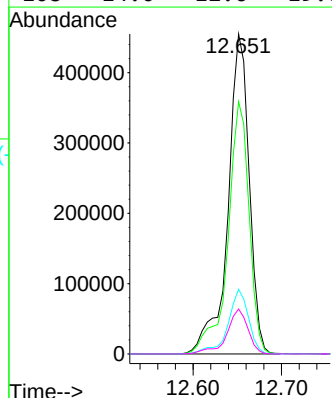
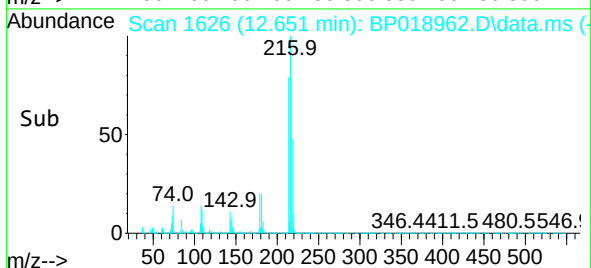
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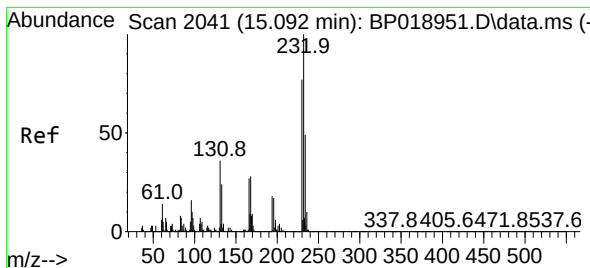


#39
1,2,4,5-Tetrachlorobenzene
Concen: 81.433 ng/ul m
RT: 12.651 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BP018962.D
Acq: 20 Dec 2023 15:41



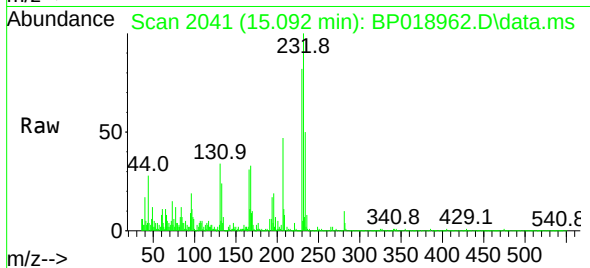
Tgt Ion:216 Resp: 760400
Ion Ratio Lower Upper
216 100
214 78.9 63.9 95.9
179 20.2 16.3 24.5
108 14.0 12.6 19.0





#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

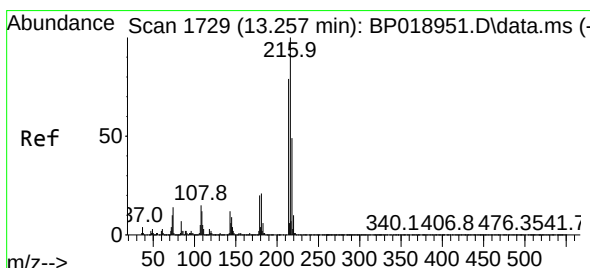
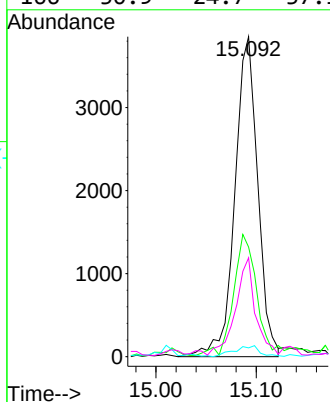
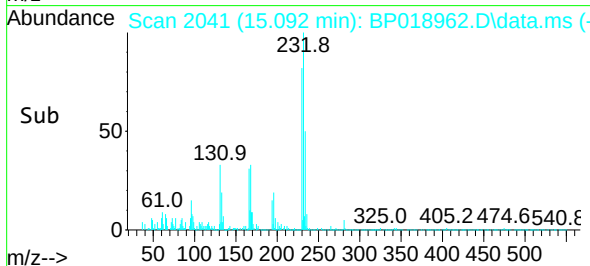
Instrument :
BNA_P
ClientSampleId :
C0QM2



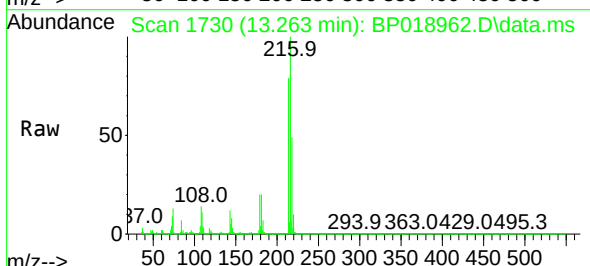
Tgt Ion:232 Resp: 611
Ion Ratio Lower Upper
232 100
131 34.3 33.8 50.8
130 2.7 1.8 2.8
166 30.9 24.7 37.1

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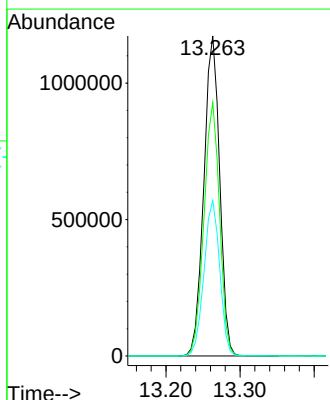
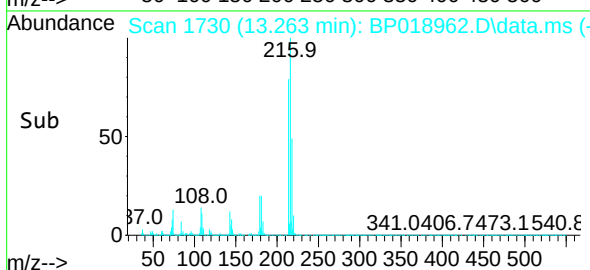
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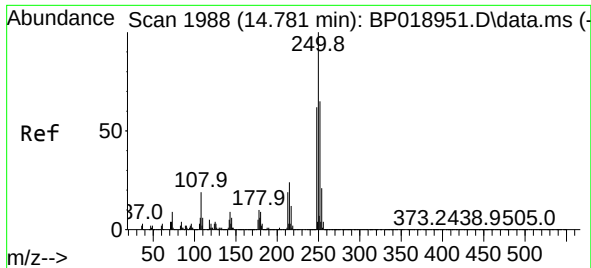


#75
1,2,3,4-Tetrachlorobenzene
Concen: 163.244 ng/ul
RT: 13.263 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BP018962.D
Acq: 20 Dec 2023 15:41



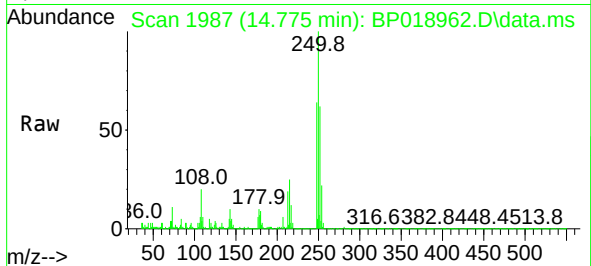
Tgt Ion:216 Resp: 1743495
Ion Ratio Lower Upper
216 100
214 79.2 61.4 92.2
218 48.6 39.2 58.8





#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

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:	250	Resp:	4930
Ion Ratio	Lower	Upper	
250	100		
248	63.7	50.6	75.8
252	61.7	51.3	76.9

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