

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
 Data File : BP018988.D
 Acq On : 21 Dec 2023 07:18
 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 12/22/2023
 Supervised By :mohammad ahmed 12/22/2023

Quant Time: Dec 21 07:48:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 21 04:46:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	90696m	20.000	ng/u1	0.04
20) Naphthalene-d8	10.639	136	427260	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.457	164	274298	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	654010	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.298	240	809778	20.000	ng/u1	# 0.00
88) Perylene-d12	23.656	264	1002999	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	12817	4.816	ng/uL	0.00
4) Pyridine-d5	3.675	84	89335	12.531	ng/u1	0.00
7) Phenol-d5	7.004	99	62565	6.874	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	189974	35.217	ng/u1	0.02
11) 2-Chlorophenol-d4	7.363	132	197569	27.819	ng/u1	0.01
15) 4-Methylphenol-d8	8.545	113	110288m	14.973	ng/u1	0.00
21) Nitrobenzene-d5	8.998	128	117020	30.772	ng/u1	0.01
24) 2-Nitrophenol-d4	9.710	143	133778	33.932	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	228947	28.399	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	225864	21.438	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	744093	30.394	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	854150	31.685	ng/u1	0.00
54) 4-Nitrophenol-d4	14.680	143	15496	3.856	ng/u1	0.01
60) Fluorene-d10	15.451	176	669159	32.563	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.574	200	87291	22.260	ng/u1	0.00
73) Anthracene-d10	17.304	188	1105272	32.146	ng/u1	0.00
81) Pyrene-d10	19.545	212	1473231	23.372	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.509	264	1857590	31.763	ng/u1	0.00
Target Compounds					Qvalue	
12) 2-Chlorophenol	7.398	128	28539	3.970	ng/u1	99
22) Nitrobenzene	9.040	77	978180	105.798	ng/u1	98
25) 2-Nitrophenol	9.739	139	14201	3.364	ng/u1	93
39) 1,2,4,5-Tetrachloroben...	12.651	216	825981	82.997	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	15.080	232	5987	1.028	ng/u1	96
75) 1,2,3,4-Tetrachloroben...	13.257	216	1892050	167.313	ng/uL	98
76) Pentachlorobenzene	14.775	250	54007	4.862	ng/uL	97

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

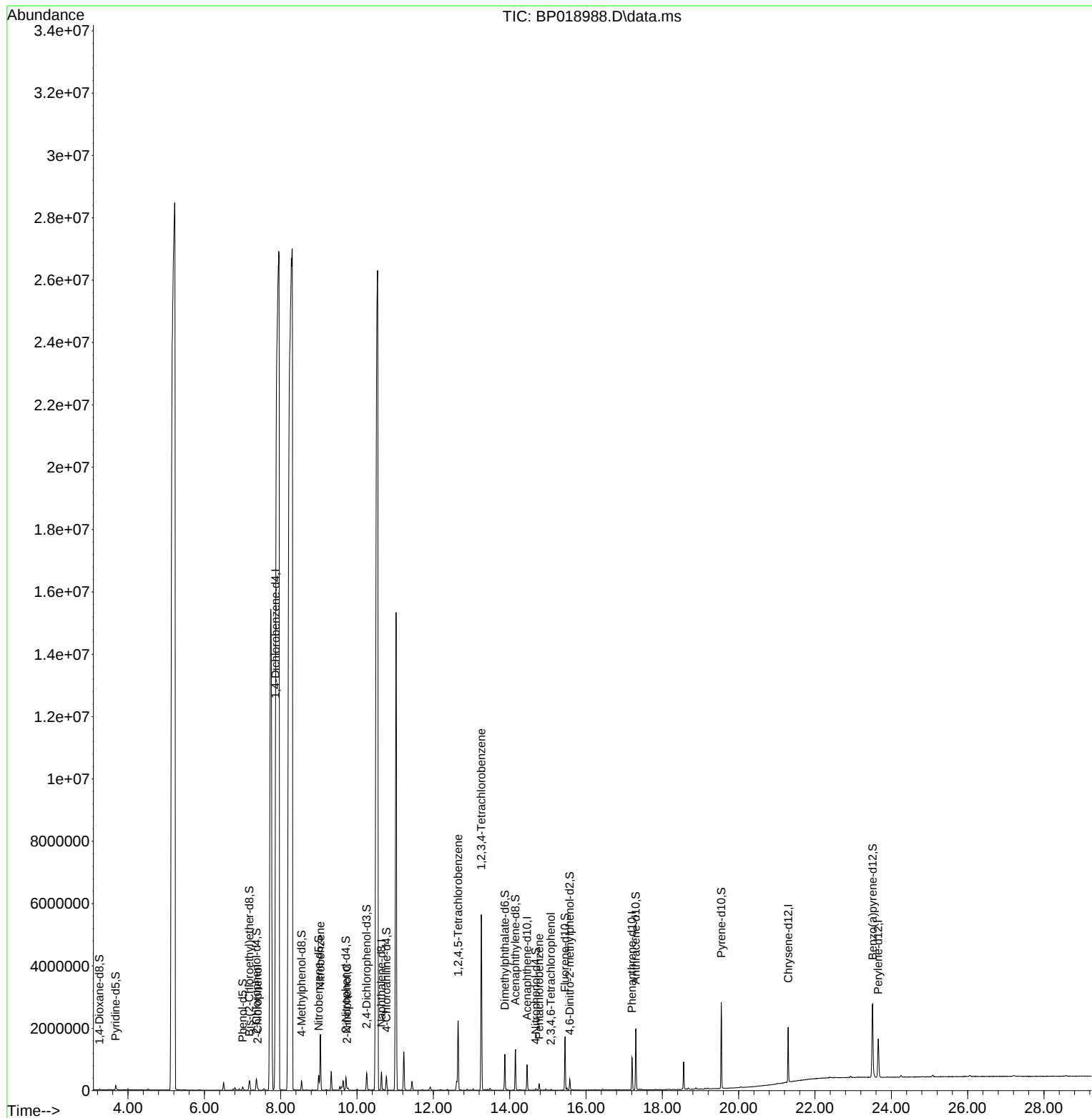
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP018988.D
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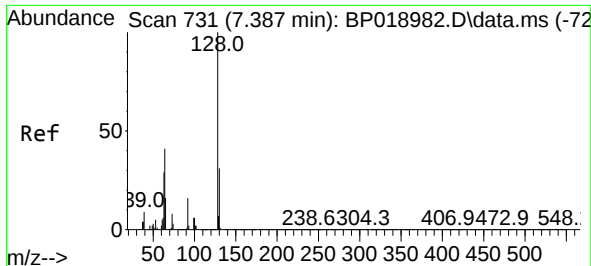
Instrument :
BNA_P
ClientSampleId :
C0QM2

Quant Time: Dec 21 07:48:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
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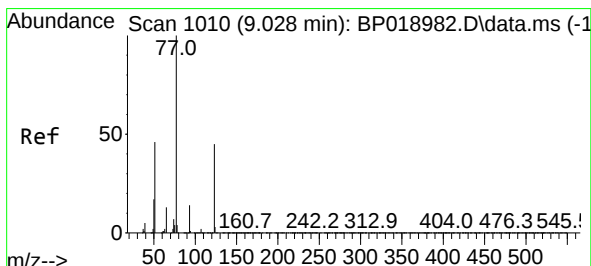
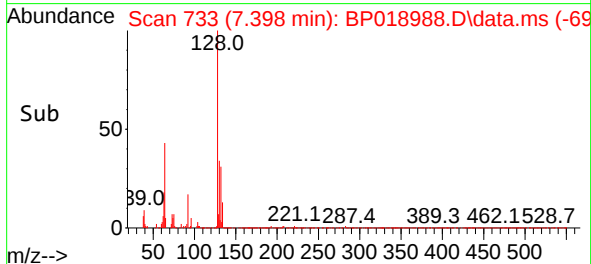
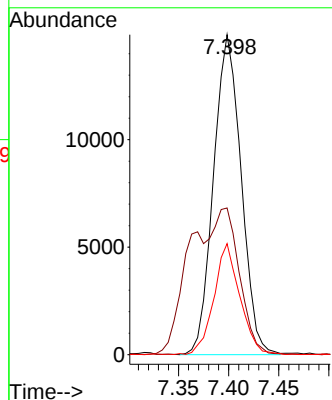
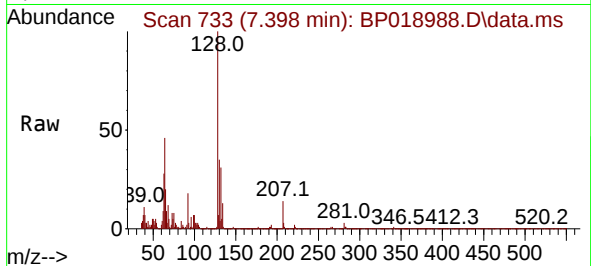
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2-Chlorophenol
Concen: 3.970 ng/ul
RT: 7.398 min Scan# 71
Delta R.T. 0.011 min
Lab File: BP018988.D
Acq: 21 Dec 2023 07:18

Instrument :
BNA_P
ClientSampleId :
C0QM2

Tgt Ion:128 Resp: 28539
Ion Ratio Lower Upper
128 100
64 45.8 37.0 55.4
130 34.7 26.8 40.2

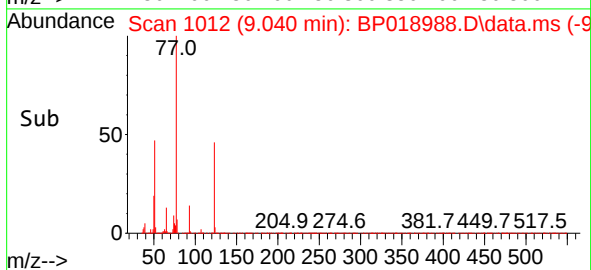
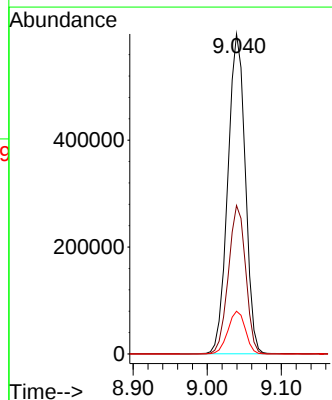
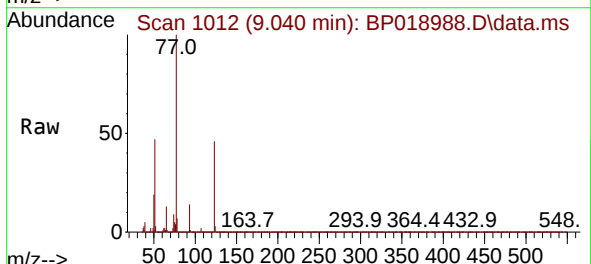
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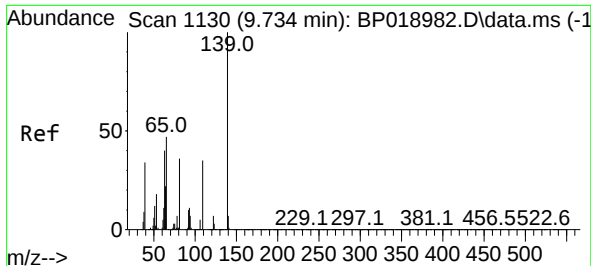
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#22
Nitrobenzene
Concen: 105.798 ng/ul
RT: 9.040 min Scan# 1012
Delta R.T. 0.012 min
Lab File: BP018988.D
Acq: 21 Dec 2023 07:18

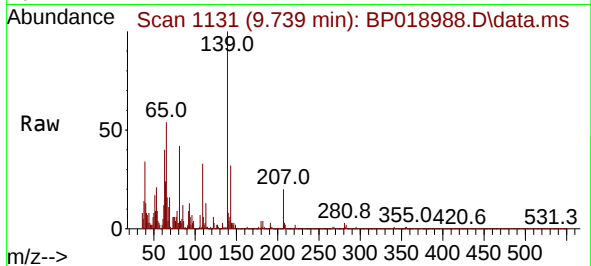
Tgt Ion: 77 Resp: 978180
Ion Ratio Lower Upper
77 100
123 46.4 35.8 53.8
65 13.3 10.5 15.7





#25
2-Nitrophenol
Concen: 3.364 ng/ul
RT: 9.739 min Scan# 1130
Delta R.T. 0.006 min
Lab File: BP018988.D
Acq: 21 Dec 2023 07:18

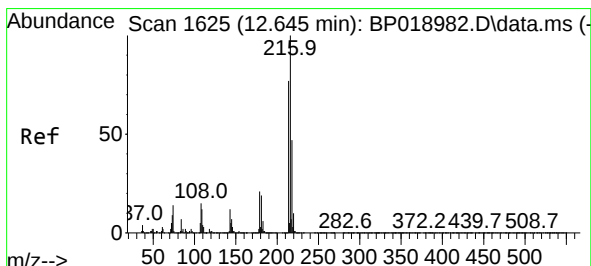
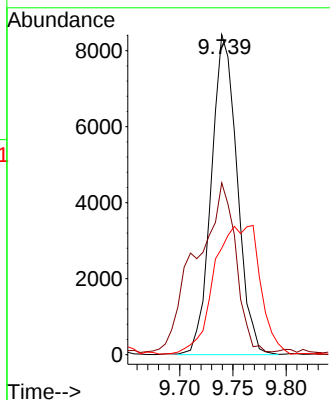
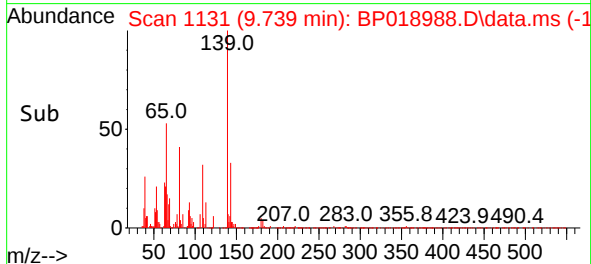
Instrument :
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ClientSampleId :
C0QM2



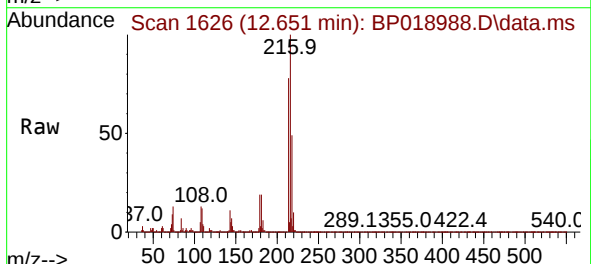
Tgt Ion:139 Resp: 1420
Ion Ratio Lower Upper
139 100
65 53.7 39.1 58.7
109 33.2 23.8 35.6

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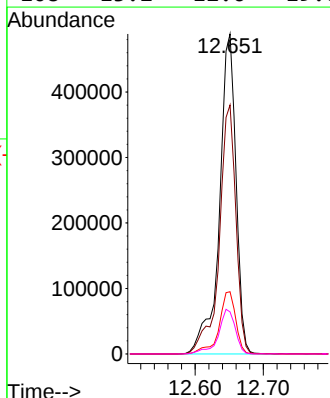
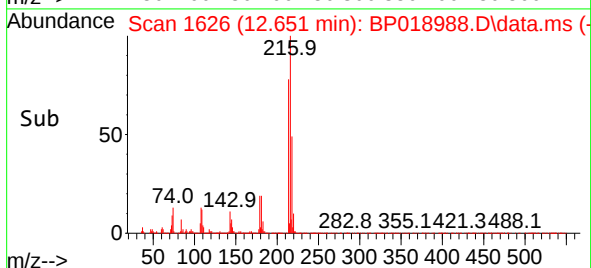
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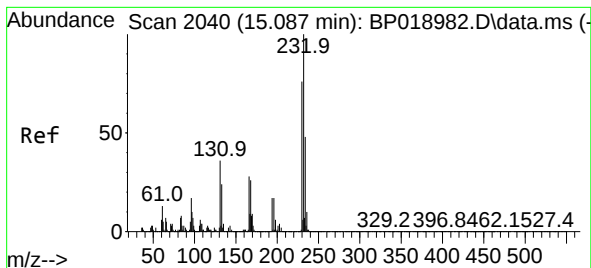


#39
1,2,4,5-Tetrachlorobenzene
Concen: 82.997 ng/ul
RT: 12.651 min Scan# 1626
Delta R.T. 0.006 min
Lab File: BP018988.D
Acq: 21 Dec 2023 07:18



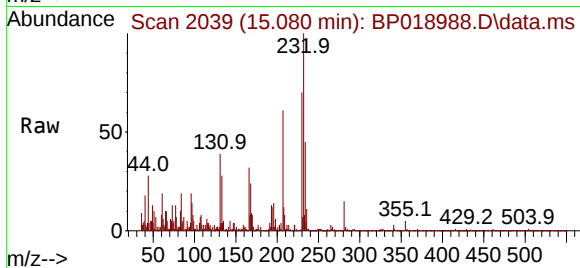
Tgt Ion:216 Resp: 825981
Ion Ratio Lower Upper
216 100
214 77.8 63.9 95.9
179 19.5 16.3 24.5
108 13.2 12.6 19.0





#58
2,3,4,6-Tetrachlorophenol
Concen: 1.028 ng/ul
RT: 15.080 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BP018988.D
Acq: 21 Dec 2023 07:18

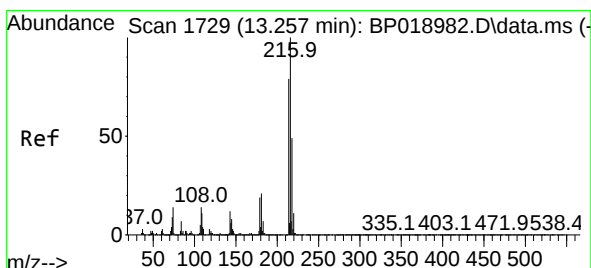
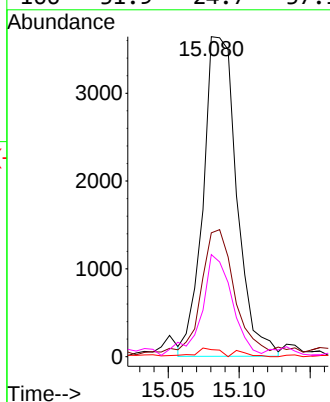
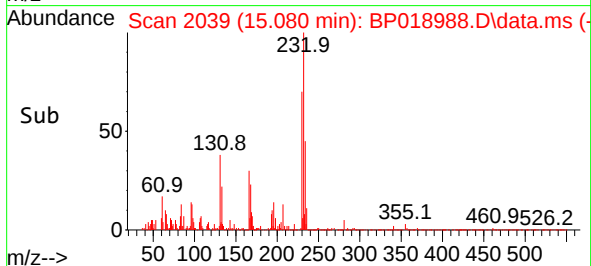
Instrument :
BNA_P
ClientSampleId :
C0QM2



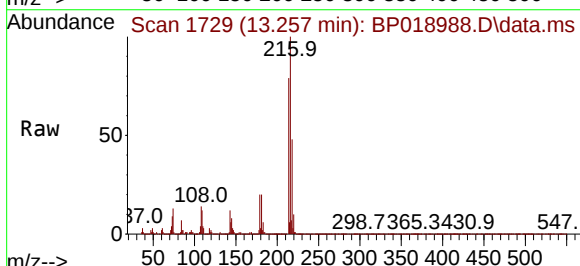
Tgt Ion	Ratio	Lower	Upper
232	100		
131	38.7	33.8	50.8
130	2.2	1.8	2.8
166	31.9	24.7	37.1

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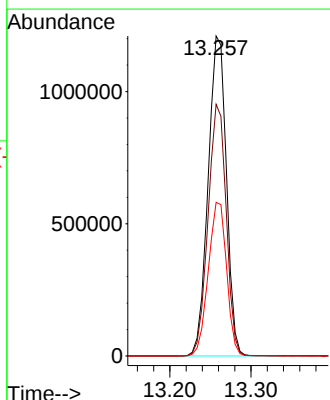
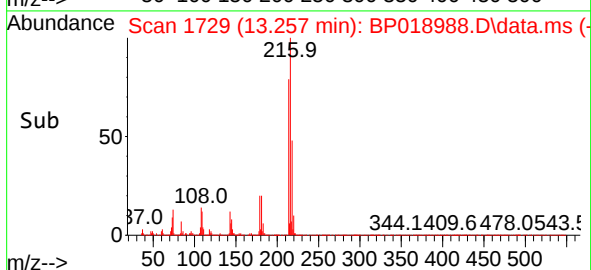
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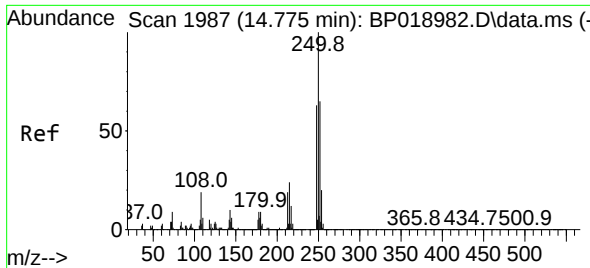


#75
1,2,3,4-Tetrachlorobenzene
Concen: 167.313 ng/ul
RT: 13.257 min Scan# 1729
Delta R.T. -0.000 min
Lab File: BP018988.D
Acq: 21 Dec 2023 07:18



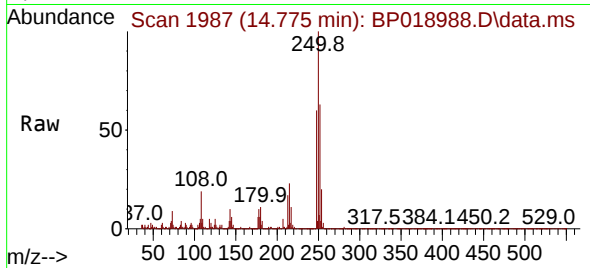
Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	61.4	92.2
218	48.0	39.2	58.8





#76
 Pentachlorobenzene
 Concen: 4.862 ng/uL
 RT: 14.775 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: BP018988.D
 Acq: 21 Dec 2023 07:18

Instrument :
 BNA_P
 ClientSampleId :
 C0QM2



Tgt Ion:	250	Resp:	5400
Ion Ratio	Lower	Upper	
250	100		
248	59.7	50.6	75.8
252	62.8	51.3	76.9

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