

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
 Data File : BP023740.D
 Acq On : 27 Jan 2025 14:30
 Operator : RC/JU
 Sample : Q1174-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2934

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
 Supervised By :mohammad ahmed 01/31/2025

Quant Time: Jan 27 22:48:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 27 21:53:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	599856	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	2589751	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	1671584	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	3249465	20.000	ng/u1	0.00
79) Chrysene-d12	21.680	240	3177155	20.000	ng/u1	0.00
88) Perylene-d12	25.086	264	3490637	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	65420	4.393	ng/uL	0.00
4) Pyridine-d5	3.717	84	496680	11.557	ng/u1	0.01
7) Phenol-d5	6.969	99	595417	11.731	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.128	67	943988	32.926	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	1367129	35.429	ng/u1	0.00
15) 4-Methylphenol-d8	8.493	113	1045588	26.197	ng/u1	0.02
21) Nitrobenzene-d5	8.934	128	737026	37.773	ng/u1	0.00
24) 2-Nitrophenol-d4	9.652	143	818952	45.781	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	1525135	40.561	ng/u1	0.01
31) 4-Chloroaniline-d4	10.751	131	668927m	11.124	ng/u1	0.06
46) Dimethylphthalate-d6	13.828	166	4202640	34.959	ng/u1	0.01
49) Acenaphthylene-d8	14.110	160	5238110	37.648	ng/u1	0.00
54) 4-Nitrophenol-d4	14.622	143	270882	11.214	ng/u1	0.03
60) Fluorene-d10	15.428	176	3938320	38.271	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	672723	42.040	ng/u1	0.01
73) Anthracene-d10	17.316	188	6185589	39.650	ng/u1	0.00
81) Pyrene-d10	19.698	212	6761622	41.824	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.851	264	6764076	38.714	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.334	88	23007	1.460	ng/uL#	74
8) Phenol	6.999	94	5836646	109.894	ng/u1	98
13) 2-Methylphenol	8.228	108	42534	1.104	ng/u1	99
18) 4-Methylphenol	8.552	108	835115	19.488	ng/u1	96
26) 2,4-Dimethylphenol	9.781	107	425494m	9.775	ng/u1	
42) 2,4,5-Trichlorophenol	12.910	196	68656	2.129	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.051	232	319719	12.074	ng/u1#	92
71) Pentachlorophenol	16.857	266	118822	4.646	ng/u1	96

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

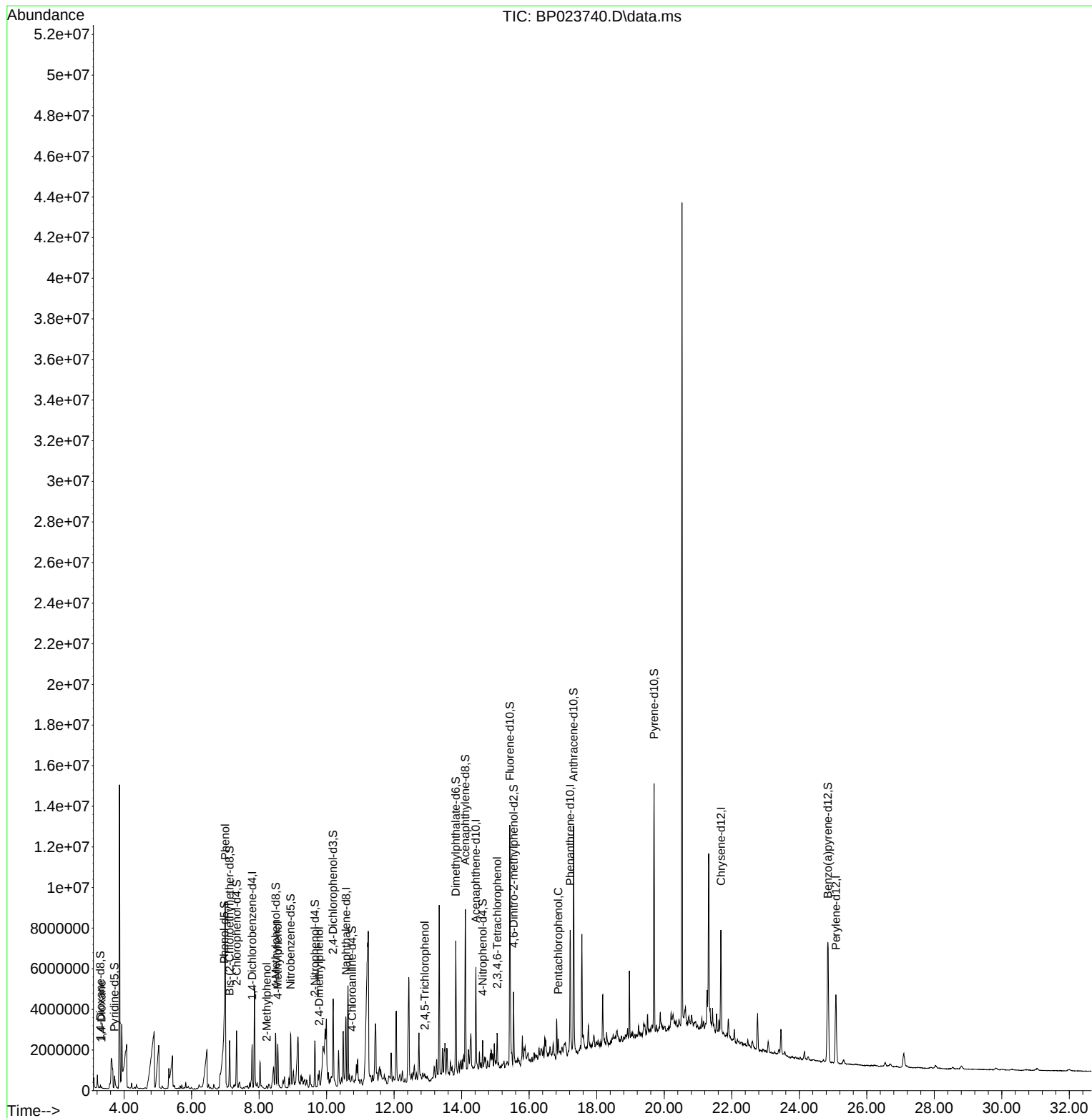
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023740.D
Acq On : 27 Jan 2025 14:30
Operator : RC/JU
Sample : Q1174-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

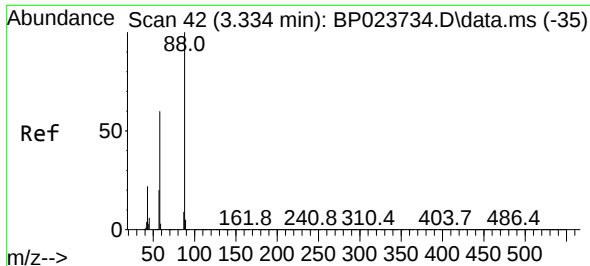
Instrument :
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ClientSampleId :
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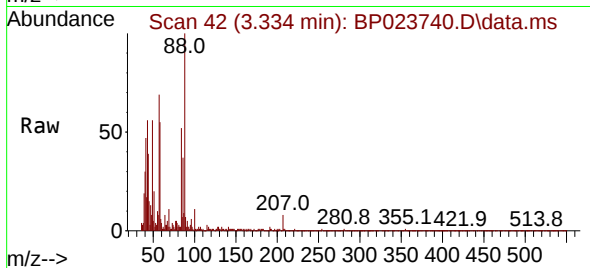
Quant Time: Jan 27 22:48:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 27 21:53:59 2025
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.460 ng/uL
RT: 3.334 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP023740.D
Acq: 27 Jan 2025 14:30

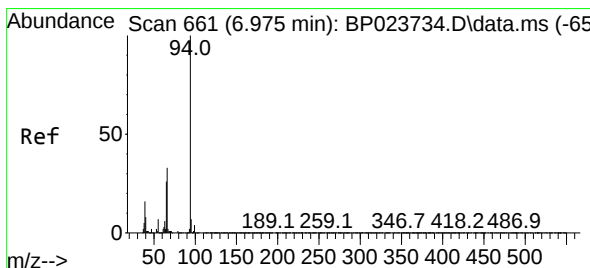
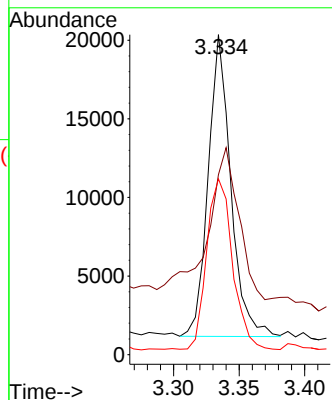
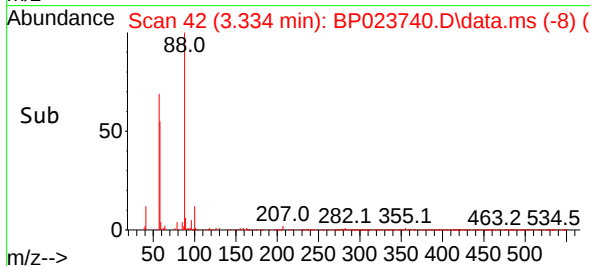
Instrument :
BNA_P
ClientSampleId :
E2934



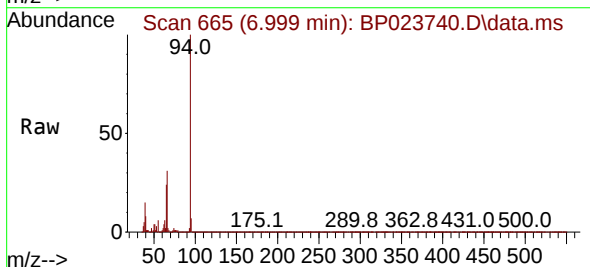
Tgt Ion: 88 Resp: 2300
Ion Ratio Lower Upper
88 100
43 56.3 18.3 27.5
58 55.0 50.7 76.1

Manual Integrations
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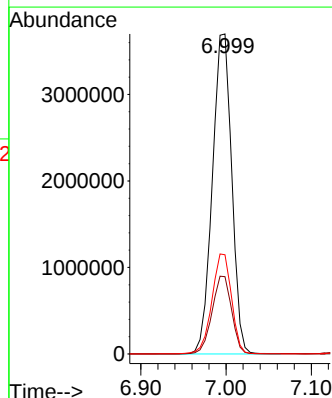
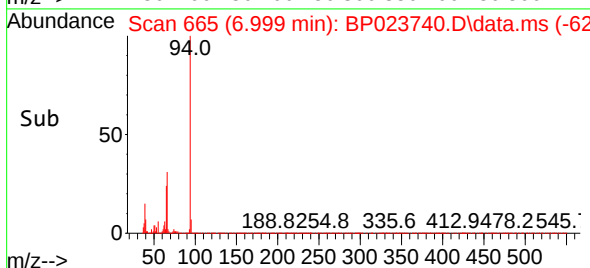
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025

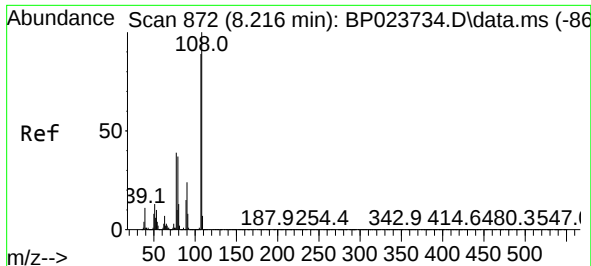


#8
Phenol
Concen: 109.894 ng/uL
RT: 6.999 min Scan# 665
Delta R.T. 0.024 min
Lab File: BP023740.D
Acq: 27 Jan 2025 14:30



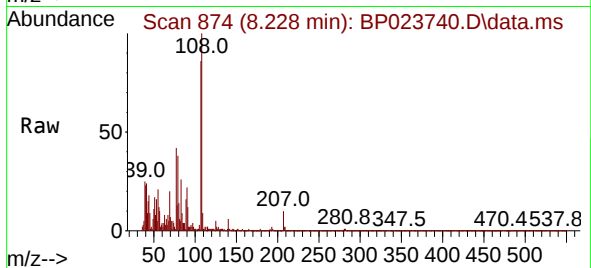
Tgt Ion: 94 Resp: 5836646
Ion Ratio Lower Upper
94 100
65 24.1 20.2 30.2
66 31.0 26.0 39.0





#13
2-Methylphenol
Concen: 1.104 ng/ul
RT: 8.228 min Scan# 81
Delta R.T. 0.012 min
Lab File: BP023740.D
Acq: 27 Jan 2025 14:30

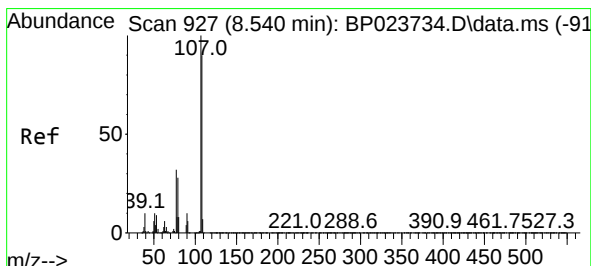
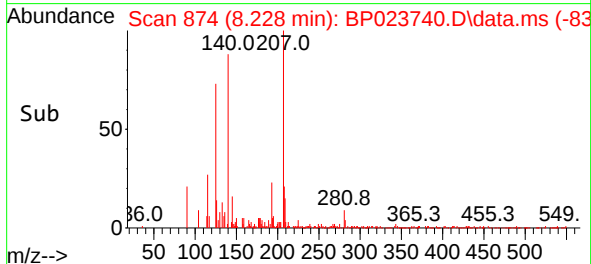
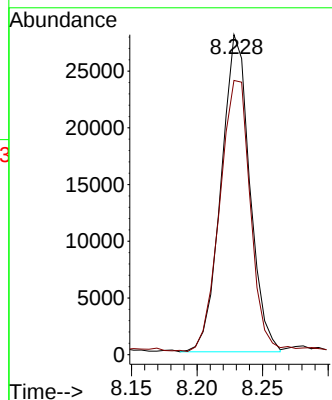
Instrument :
BNA_P
ClientSampleId :
E2934



Tgt Ion:108 Resp: 42534
Ion Ratio Lower Upper
108 100
107 85.7 69.6 104.4

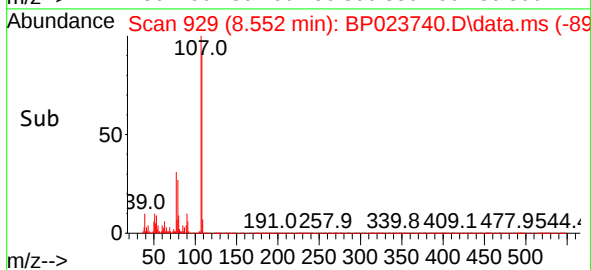
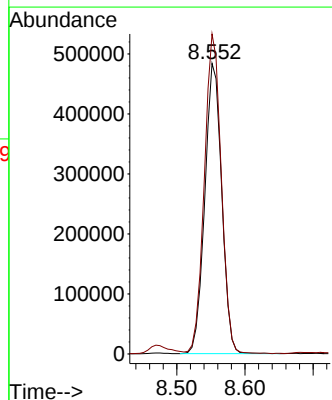
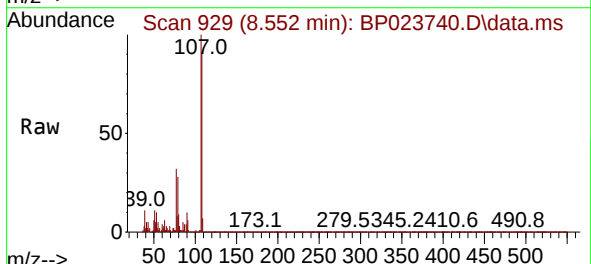
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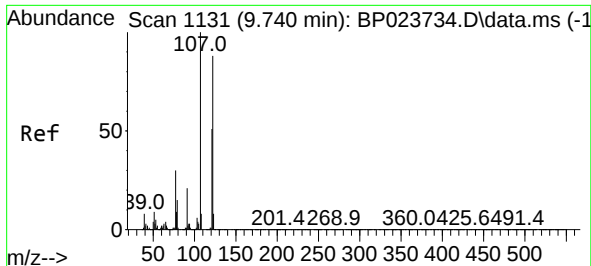
Reviewed By :Jagrut Upadhyay 01/28/2025
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#18
4-Methylphenol
Concen: 19.488 ng/ul
RT: 8.552 min Scan# 929
Delta R.T. 0.012 min
Lab File: BP023740.D
Acq: 27 Jan 2025 14:30

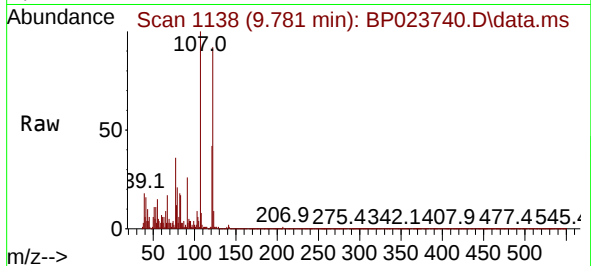
Tgt Ion:108 Resp: 835115
Ion Ratio Lower Upper
108 100
107 110.1 91.2 136.8





#26
2,4-Dimethylphenol
Concen: 9.775 ng/ul m
RT: 9.781 min Scan# 1138
Delta R.T. 0.041 min
Lab File: BP023740.D
Acq: 27 Jan 2025 14:30

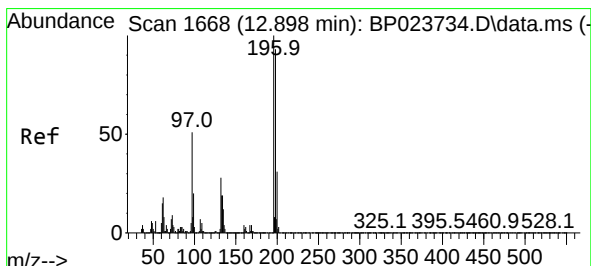
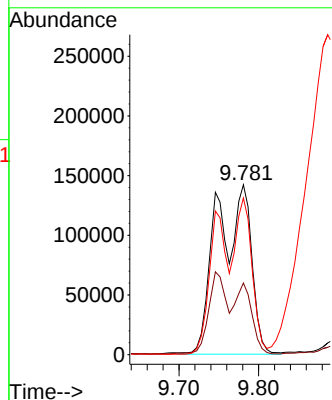
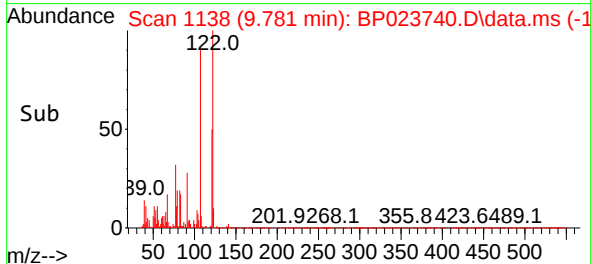
Instrument :
BNA_P
ClientSampleId :
E2934



Tgt Ion:107 Resp: 425494
Ion Ratio Lower Upper
107 100
121 42.3 42.0 63.0
122 92.2 70.2 105.4

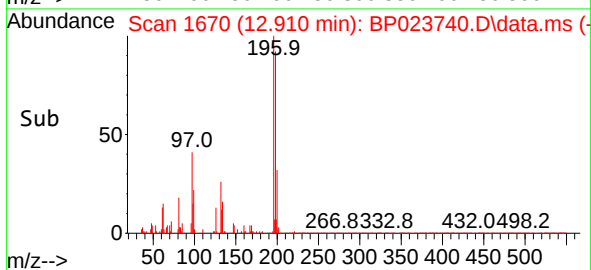
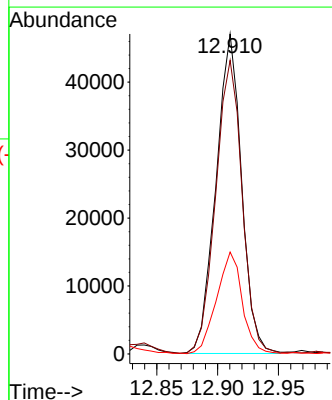
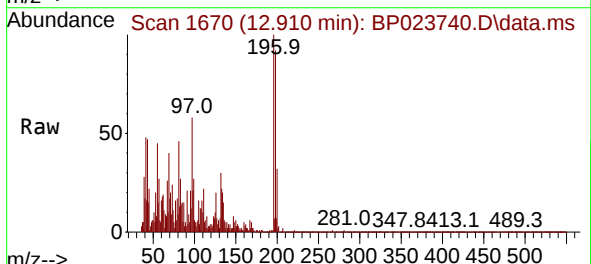
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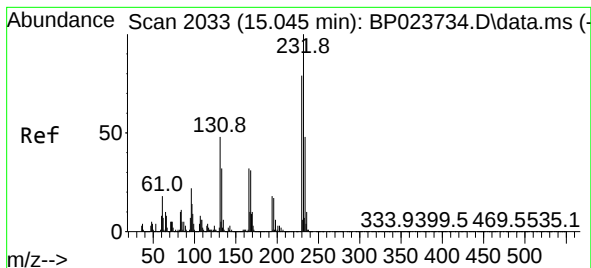
Reviewed By :Jagrut Upadhyay 01/28/2025
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#42
2,4,5-Trichlorophenol
Concen: 2.129 ng/ul
RT: 12.910 min Scan# 1670
Delta R.T. 0.012 min
Lab File: BP023740.D
Acq: 27 Jan 2025 14:30

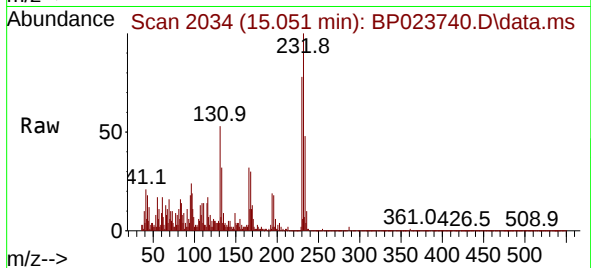
Tgt Ion:196 Resp: 68656
Ion Ratio Lower Upper
196 100
198 91.7 77.4 116.2
200 31.8 25.0 37.4





#58
2,3,4,6-Tetrachlorophenol
Concen: 12.074 ng/ul
RT: 15.051 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BP023740.D
Acq: 27 Jan 2025 14:30

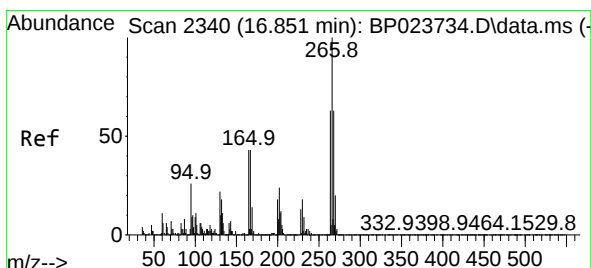
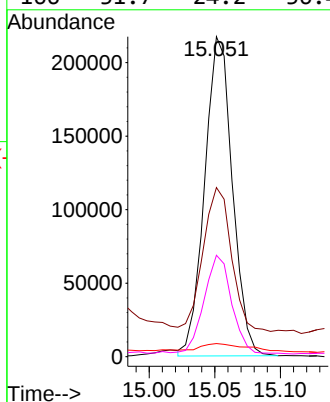
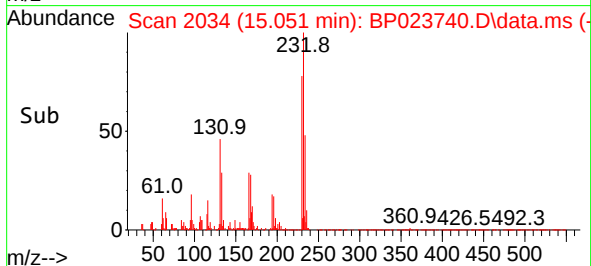
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:	232	Resp:	319719
Ion Ratio	Lower	Upper	
232	100		
131	52.8	36.1	54.1
130	4.1	1.8	2.8
166	31.7	24.2	36.4

Manual Integrations
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Supervised By :mohammad ahmed 01/31/2025



#71
Pentachlorophenol
Concen: 4.646 ng/ul
RT: 16.857 min Scan# 2341
Delta R.T. 0.006 min
Lab File: BP023740.D
Acq: 27 Jan 2025 14:30

Tgt Ion:	266	Resp:	118822
Ion Ratio	Lower	Upper	
266	100		
264	62.5	50.9	76.3
268	60.6	52.2	78.4

