

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
 Data File : BP023751.D
 Acq On : 27 Jan 2025 22:37
 Operator : RC/JU
 Sample : Q1174-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2940

Manual Integrations
 APPROVED

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

Quant Time: Jan 27 23:38:59 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	560436	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	2380691	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	1565360	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.228	188	3091196	20.000	ng/u1	0.01
79) Chrysene-d12	21.692	240	3200536	20.000	ng/u1	0.02
88) Perylene-d12	25.092	264	3590617	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	64042	4.603	ng/uL	0.00
4) Pyridine-d5	3.717	84	294154	7.326	ng/u1	0.01
7) Phenol-d5	6.975	99	543921	11.470	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.122	67	778151	29.051	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	1385923	38.443	ng/u1	0.00
15) 4-Methylphenol-d8	8.499	113	1017690	27.291	ng/u1	0.02
21) Nitrobenzene-d5	8.934	128	595372	33.193	ng/u1	0.00
24) 2-Nitrophenol-d4	9.652	143	787748	47.904	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	1520084	43.977	ng/u1	0.02
31) 4-Chloroaniline-d4	10.699	131	723595	13.090	ng/u1	0.00
46) Dimethylphthalate-d6	13.828	166	3371012	29.944	ng/u1	0.01
49) Acenaphthylene-d8	14.110	160	3936495	30.213	ng/u1	0.00
54) 4-Nitrophenol-d4	14.645	143	262287m	11.595	ng/u1	0.05
60) Fluorene-d10	15.439	176	2991202	31.040	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.545	200	621237	40.810	ng/u1	0.02
73) Anthracene-d10	17.328	188	4597373	30.978	ng/u1	0.00
81) Pyrene-d10	19.704	212	5189995	31.868	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.874	264	5224925	29.072	ng/u1	0.03
Target Compounds						
2) 1,4-Dioxane	3.334	88	37978	2.580	ng/uL#	93
8) Phenol	7.005	94	3412742	68.776	ng/u1	97
16) Acetophenone	8.599	105	540992	9.034	ng/u1	99
18) 4-Methylphenol	8.557	108	347899	8.689	ng/u1	96
26) 2,4-Dimethylphenol	9.752	107	173532m	4.337	ng/u1	
58) 2,3,4,6-Tetrachlorophenol	15.063	232	39168	1.580	ng/u1#	66

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

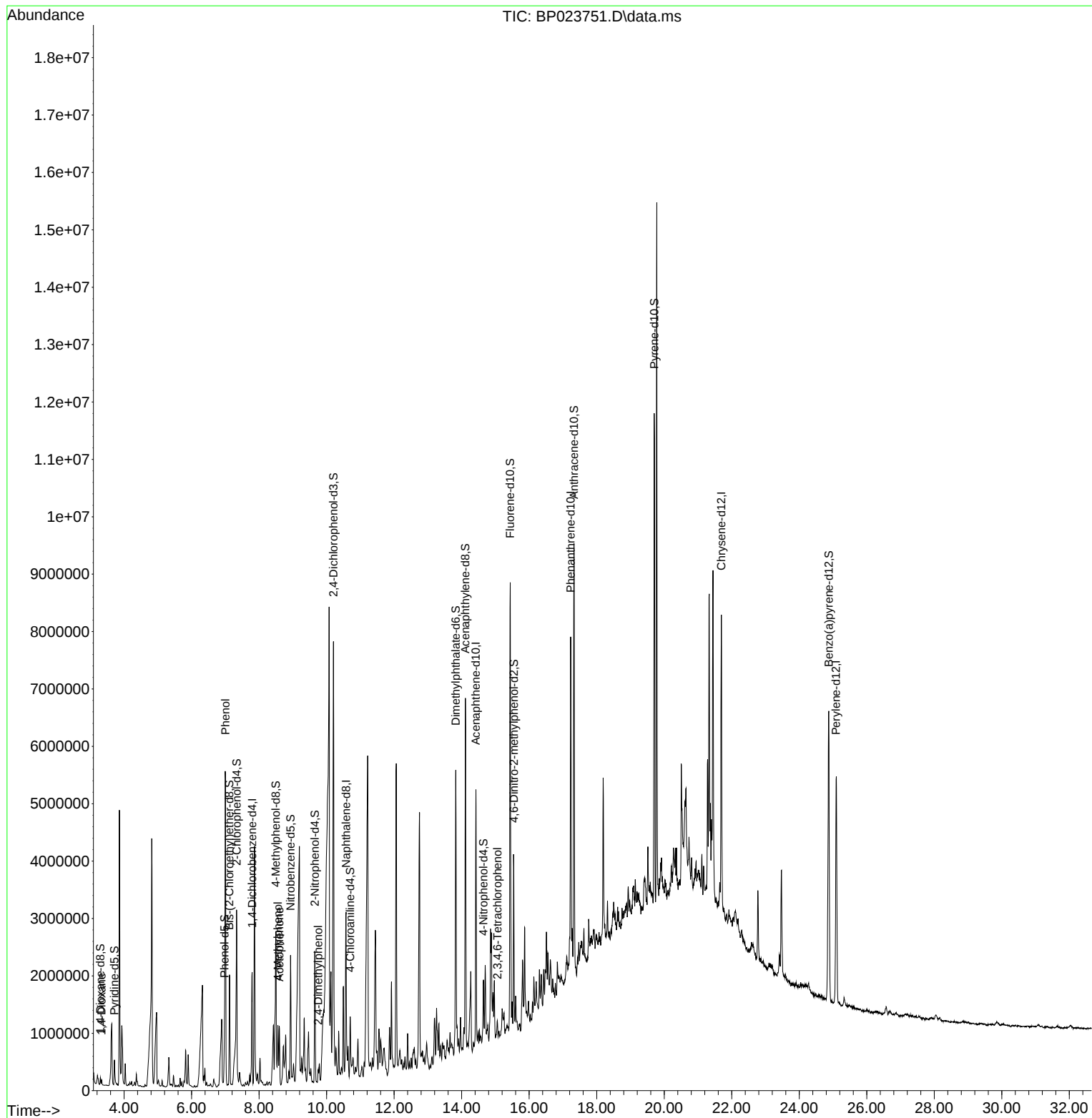
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
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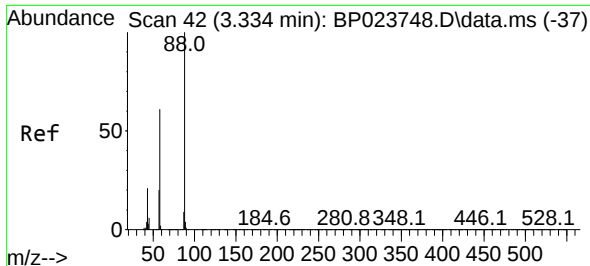
Instrument :
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Quant Time: Jan 27 23:38:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION
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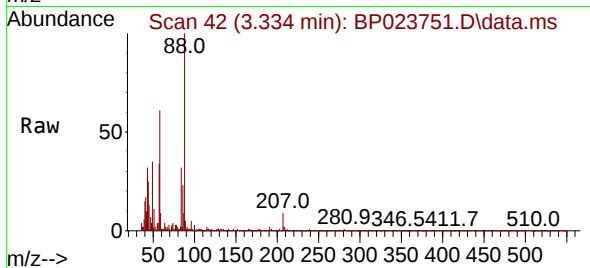
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025





#2
1,4-Dioxane
Concen: 2.580 ng/uL
RT: 3.334 min Scan# 42
Delta R.T. 0.000 min
Lab File: BP023751.D
Acq: 27 Jan 2025 22:37

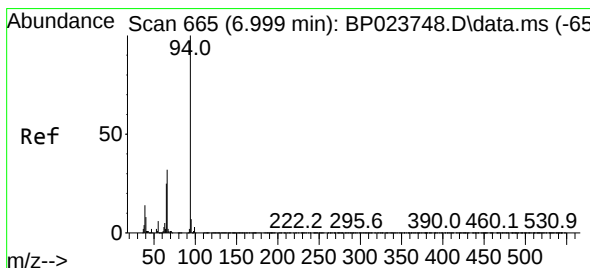
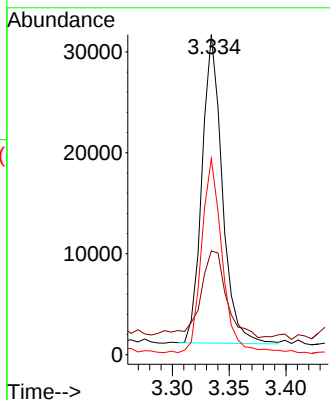
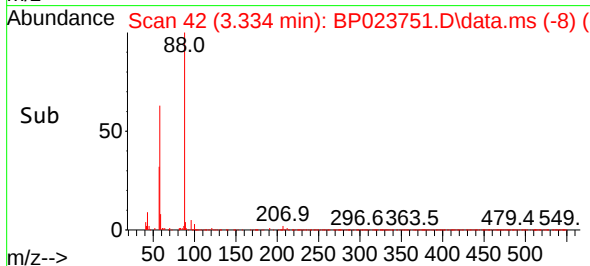
Instrument :
BNA_P
ClientSampleId :
E2940



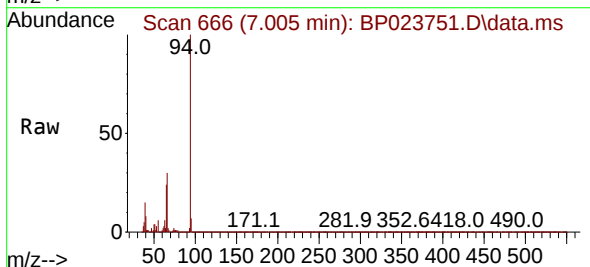
Tgt Ion: 88 Resp: 37978
Ion Ratio Lower Upper
88 100
43 32.5 18.3 27.5
58 61.3 50.7 76.1

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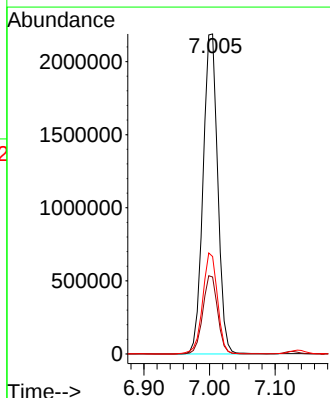
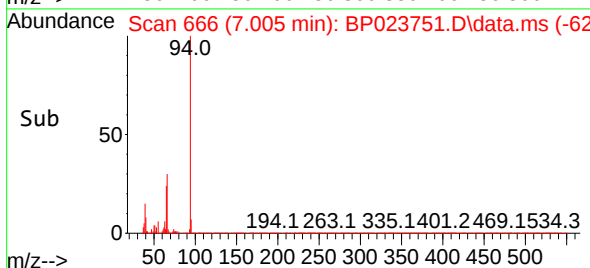
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025

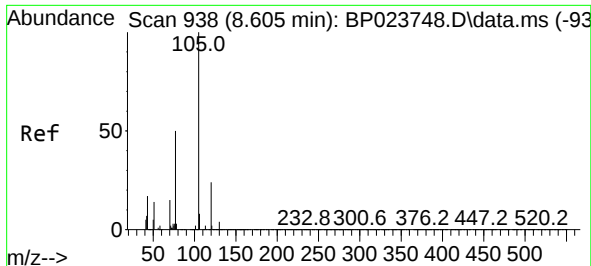


#8
Phenol
Concen: 68.776 ng/uL
RT: 7.005 min Scan# 666
Delta R.T. 0.029 min
Lab File: BP023751.D
Acq: 27 Jan 2025 22:37



Tgt Ion: 94 Resp: 3412742
Ion Ratio Lower Upper
94 100
65 24.1 20.2 30.2
66 30.5 26.0 39.0





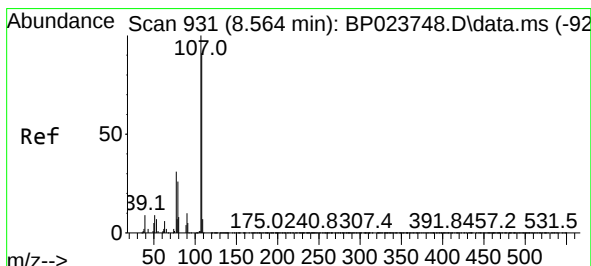
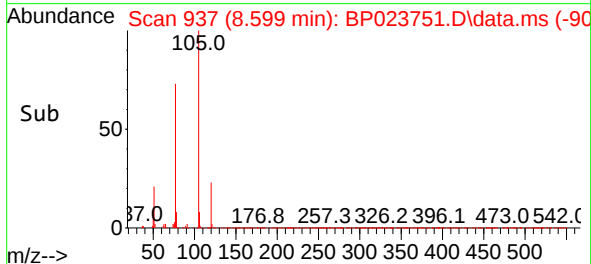
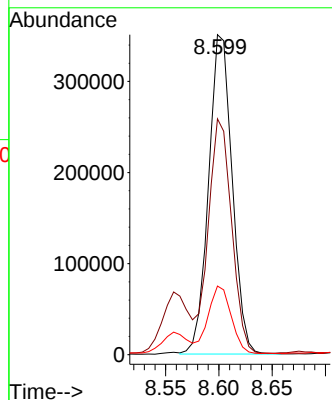
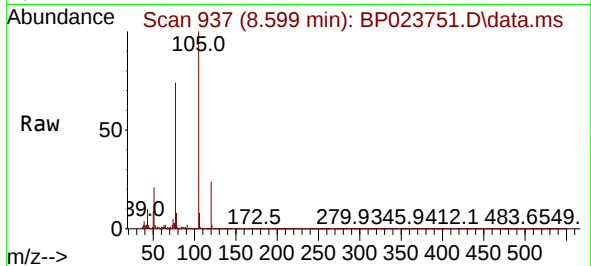
#16
Acetophenone
Concen: 9.034 ng/ul
RT: 8.599 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP023751.D
Acq: 27 Jan 2025 22:37

Instrument :
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Tgt Ion:105 Resp: 540992
Ion Ratio Lower Upper
105 100
77 73.7 58.1 87.1
51 21.4 16.4 24.6

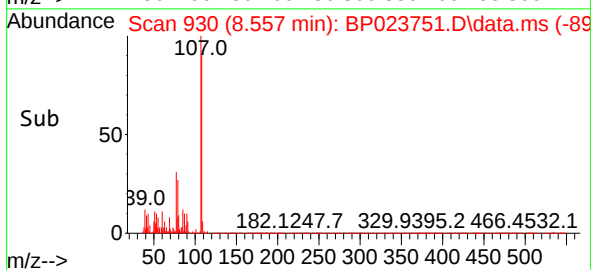
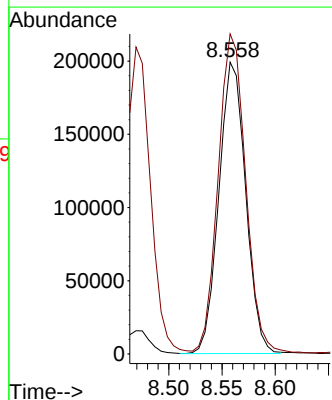
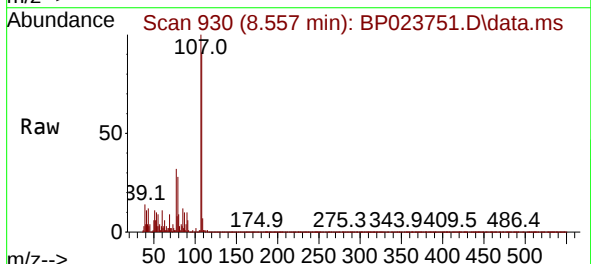
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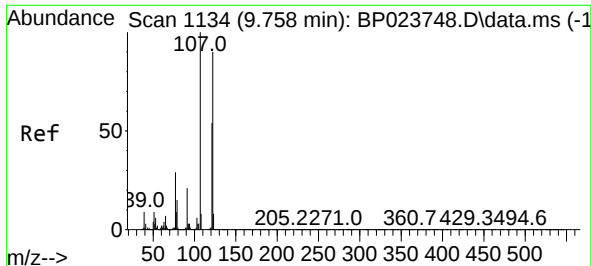
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#18
4-Methylphenol
Concen: 8.689 ng/ul
RT: 8.557 min Scan# 930
Delta R.T. 0.018 min
Lab File: BP023751.D
Acq: 27 Jan 2025 22:37

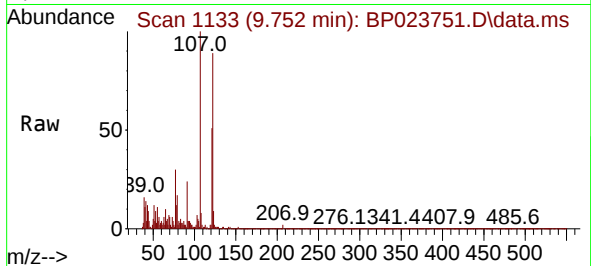
Tgt Ion:108 Resp: 347899
Ion Ratio Lower Upper
108 100
107 109.6 91.2 136.8





#26
2,4-Dimethylphenol
Concen: 4.337 ng/ul m
RT: 9.752 min Scan# 1133
Delta R.T. 0.012 min
Lab File: BP023751.D
Acq: 27 Jan 2025 22:37

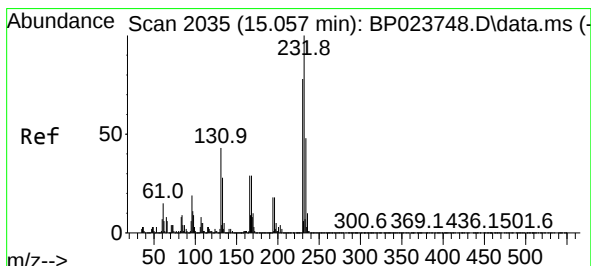
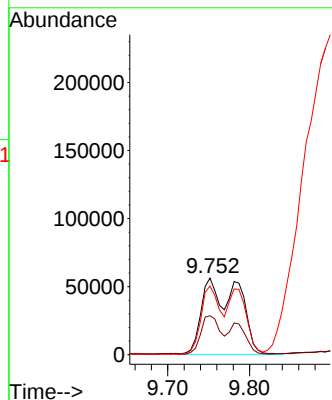
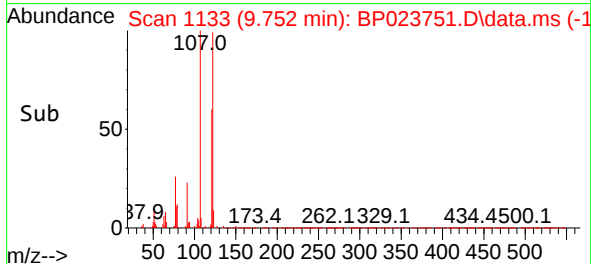
Instrument :
BNA_P
ClientSampleId :
E2940



Tgt Ion:107 Resp: 17353
Ion Ratio Lower Upper
107 100
121 50.8 42.0 63.0
122 89.5 70.2 105.4

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#58
2,3,4,6-Tetrachlorophenol
Concen: 1.580 ng/ul
RT: 15.063 min Scan# 2036
Delta R.T. 0.018 min
Lab File: BP023751.D
Acq: 27 Jan 2025 22:37

Tgt Ion:232 Resp: 39168
Ion Ratio Lower Upper
232 100
131 78.7 36.1 54.1#
130 18.0 1.8 2.8#
166 34.8 24.2 36.4

