

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
 Data File : BP023741.D
 Acq On : 27 Jan 2025 15:10
 Operator : RC/JU
 Sample : Q1174-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2938

Manual Integrations
 APPROVED

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

Quant Time: Jan 27 23:46:22 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	647239	20.000	ng/u1	0.00
20) Naphthalene-d8	10.587	136	4779880	20.000	ng/u1	# 0.02
38) Acenaphthene-d10	14.434	164	1903733	20.000	ng/u1	0.02
64) Phenanthrene-d10	17.233	188	3480059	20.000	ng/u1	0.02
79) Chrysene-d12	21.680	240	3548923	20.000	ng/u1	0.00
88) Perylene-d12	25.086	264	3770344	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	79164	4.926	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.975	99	595073	10.866	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.128	67	993713	32.123	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	1398255	33.583	ng/u1	0.00
15) 4-Methylphenol-d8	8.499	113	1087750	25.258	ng/u1	0.02
21) Nitrobenzene-d5	8.940	128	783924	21.768	ng/u1	0.01
24) 2-Nitrophenol-d4	9.651	143	877555	26.579	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	1452767	20.933	ng/u1	0.02
31) 4-Chloroaniline-d4	10.763	131	753819	6.792	ng/u1	0.07
46) Dimethylphthalate-d6	13.857	166	4689939	34.255	ng/u1	0.04
49) Acenaphthylene-d8	14.128	160	5378457	33.943	ng/u1	0.02
54) 4-Nitrophenol-d4	14.645	143	309082m	11.235	ng/u1	0.05
60) Fluorene-d10	15.439	176	3988769	34.035	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.551	200	774509	45.194	ng/u1	0.02
73) Anthracene-d10	17.328	188	6247998	37.397	ng/u1	0.00
81) Pyrene-d10	19.698	212	6995529	38.738	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.845	264	7127422	37.768	ng/u1	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.946	77	27942	1.015	ng/u1	94
8) Phenol	7.005	94	15338306	267.653	ng/u1	99
13) 2-Methylphenol	8.234	108	960797	23.104	ng/u1	97
18) 4-Methylphenol	8.575	108	17563535	379.852	ng/u1	88
26) 2,4-Dimethylphenol	9.769	107	46882880m	583.554	ng/u1	
37) 1-Methylnaphthalene	12.463	142	273582	1.576	ng/u1#	95
42) 2,4,5-Trichlorophenol	12.922	196	209771	5.713	ng/u1	100
52) Acenaphthene	14.498	153	371483	3.058	ng/u1#	77
59) Diethylphthalate	15.286	149	271749	2.010	ng/u1#	81
61) Fluorene	15.492	166	162069	1.164	ng/u1#	93
72) Phenanthrene	17.275	178	432687	2.201	ng/u1#	93
77) Carbazole	17.645	167	730345	4.258	ng/u1#	96

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

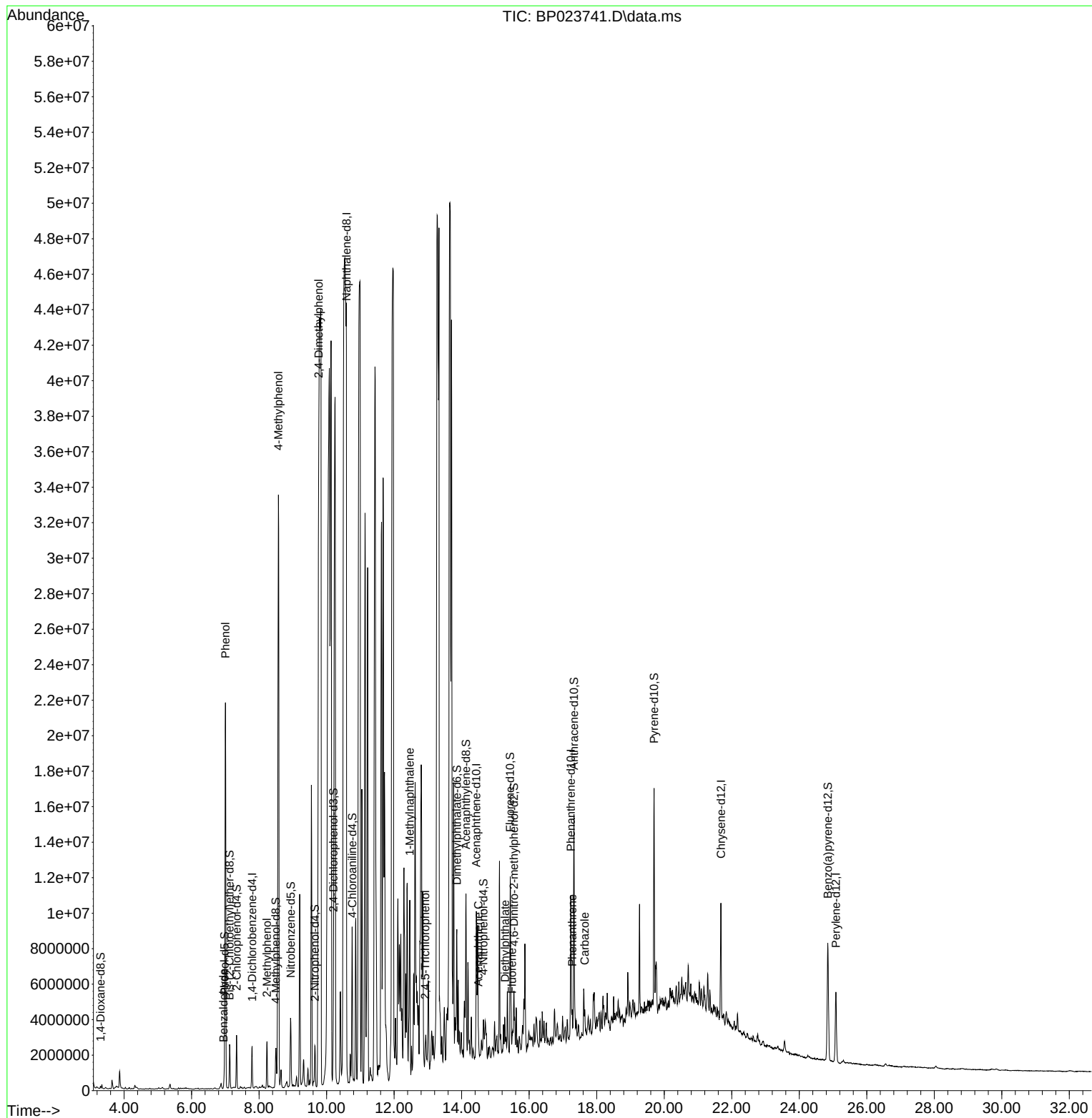
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023741.D
Acq On : 27 Jan 2025 15:10
Operator : RC/JU
Sample : Q1174-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

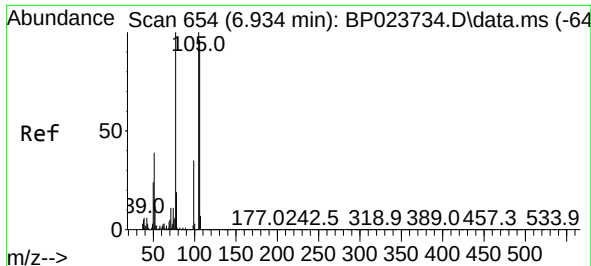
Instrument :
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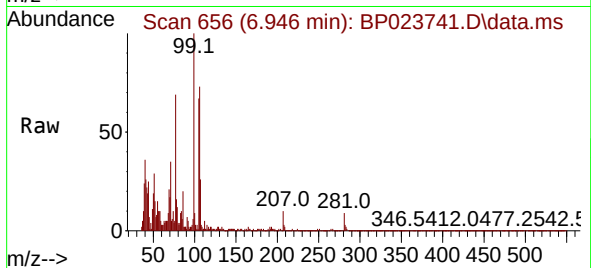
Quant Time: Jan 27 23:46:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 27 21:53:59 2025
Response via : Initial Calibration





#6
Benzaldehyde
Concen: 1.015 ng/ul
RT: 6.946 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP023741.D
Acq: 27 Jan 2025 15:10

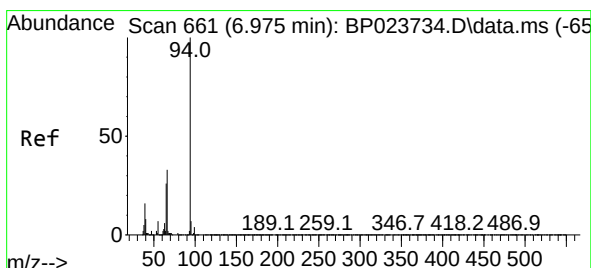
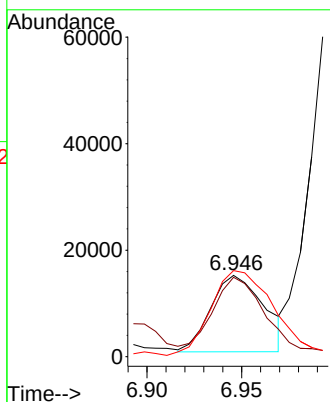
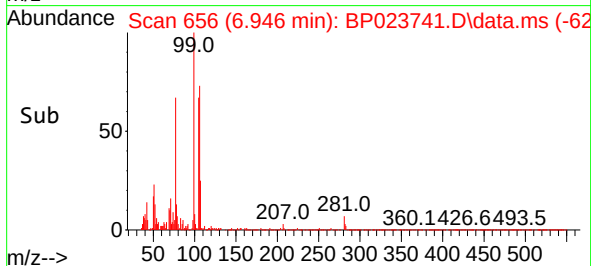
Instrument :
BNA_P
ClientSampleId :
E2938



Tgt Ion: 77 Resp: 2794
Ion Ratio Lower Upper
77 100
105 97.6 81.0 121.6
106 105.9 78.6 118.0

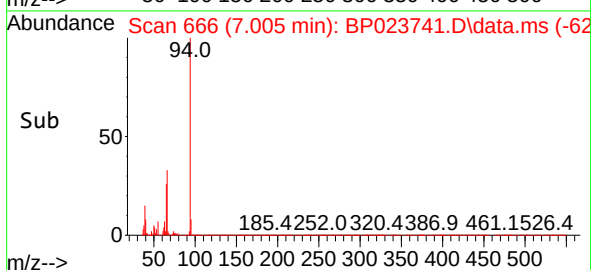
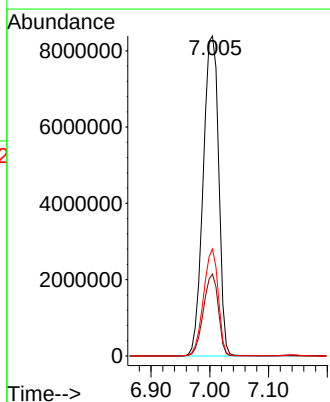
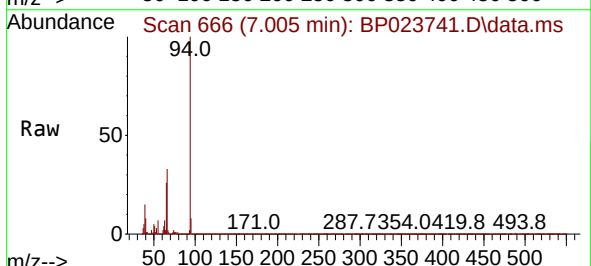
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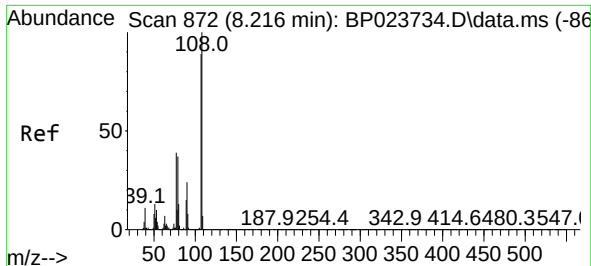
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#8
Phenol
Concen: 267.653 ng/ul
RT: 7.005 min Scan# 666
Delta R.T. 0.029 min
Lab File: BP023741.D
Acq: 27 Jan 2025 15:10

Tgt Ion: 94 Resp:15338306
Ion Ratio Lower Upper
94 100
65 25.6 20.2 30.2
66 33.5 26.0 39.0





#13

2-Methylphenol

Concen: 23.104 ng/ul

RT: 8.234 min Scan# 81

Delta R.T. 0.018 min

Lab File: BP023741.D

Acq: 27 Jan 2025 15:10

Instrument :

BNA_P

ClientSampleId :

E2938

Tgt Ion:108 Resp: 96079

Ion Ratio Lower Upper

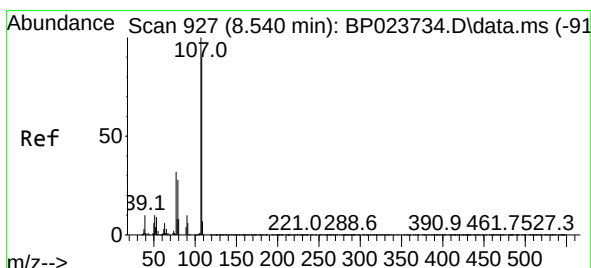
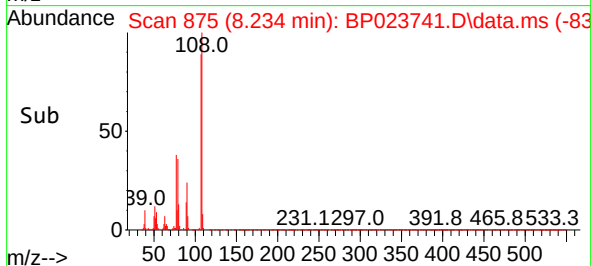
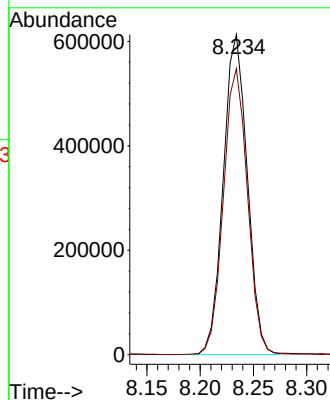
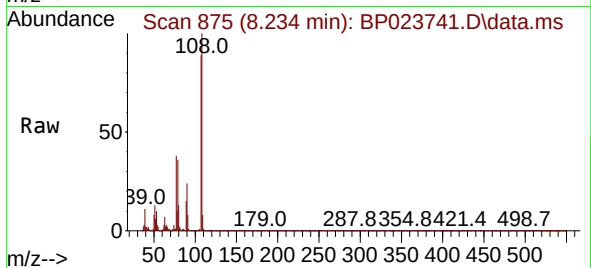
108 100

107 89.3 69.6 104.4

Manual Integrations

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#18

4-Methylphenol

Concen: 379.852 ng/ul

RT: 8.575 min Scan# 933

Delta R.T. 0.035 min

Lab File: BP023741.D

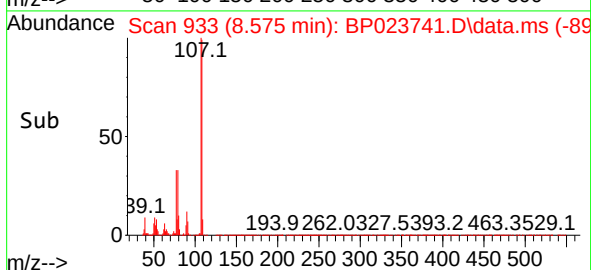
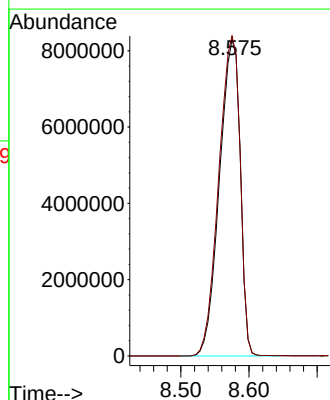
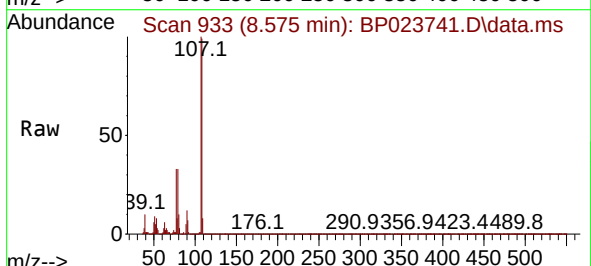
Acq: 27 Jan 2025 15:10

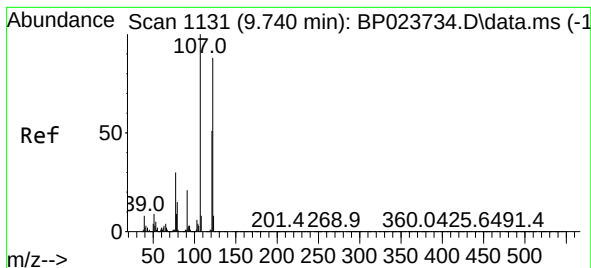
Tgt Ion:108 Resp:17563535

Ion Ratio Lower Upper

108 100

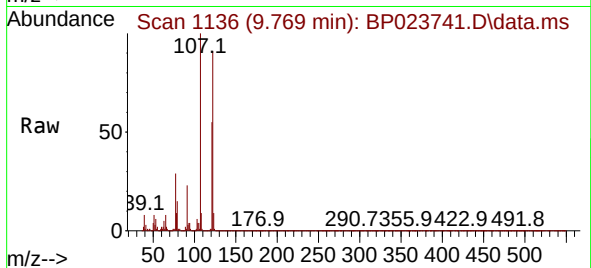
107 101.1 91.2 136.8





#26
2,4-Dimethylphenol
Concen: 583.554 ng/ul m
RT: 9.769 min Scan# 1136
Delta R.T. 0.029 min
Lab File: BP023741.D
Acq: 27 Jan 2025 15:10

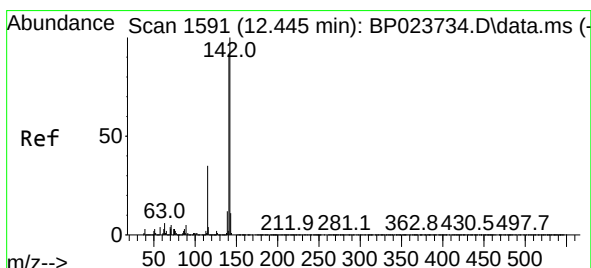
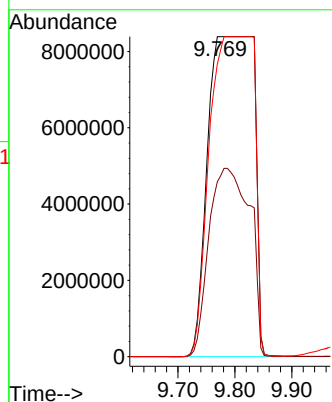
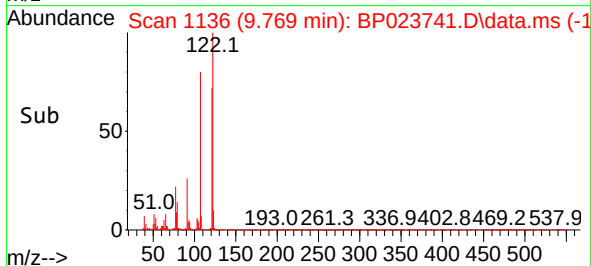
Instrument :
BNA_P
ClientSampleId :
E2938



Tgt Ion:107 Resp:4688288
Ion Ratio Lower Upper
107 100
121 54.6 42.0 63.0
122 91.4 70.2 105.4

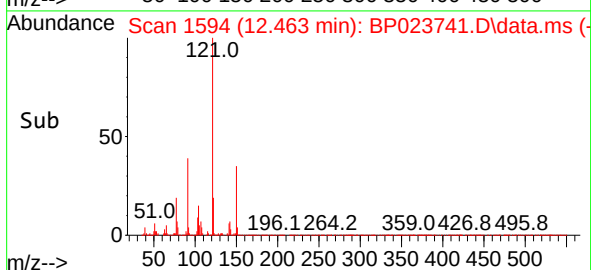
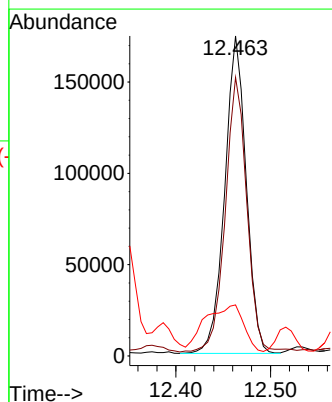
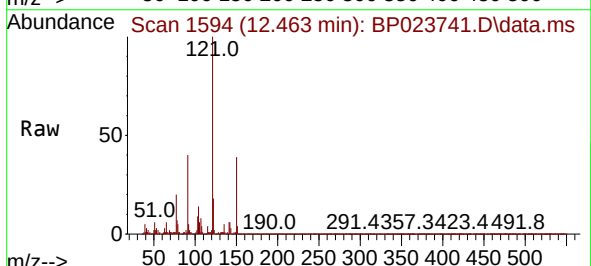
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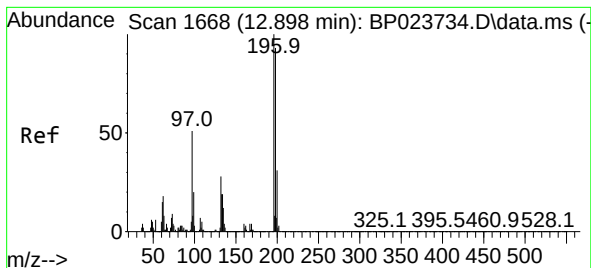
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#37
1-Methylnaphthalene
Concen: 1.576 ng/ul
RT: 12.463 min Scan# 1594
Delta R.T. 0.018 min
Lab File: BP023741.D
Acq: 27 Jan 2025 15:10

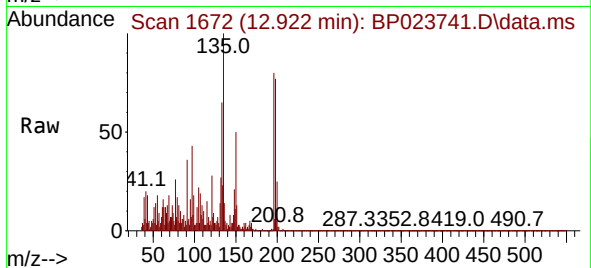
Tgt Ion:142 Resp: 273582
Ion Ratio Lower Upper
142 100
141 87.1 72.1 108.1
116 15.9 2.9 4.3





#42
2,4,5-Trichlorophenol
Concen: 5.713 ng/ul
RT: 12.922 min Scan# 10
Delta R.T. 0.024 min
Lab File: BP023741.D
Acq: 27 Jan 2025 15:10

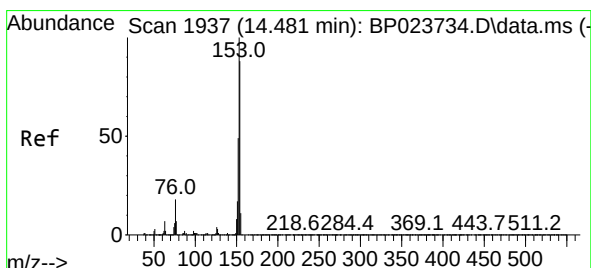
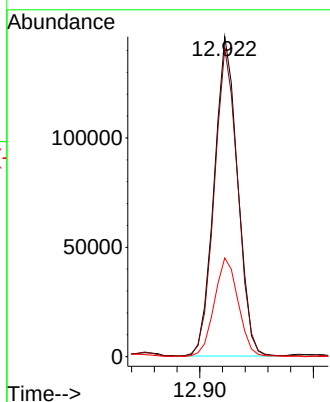
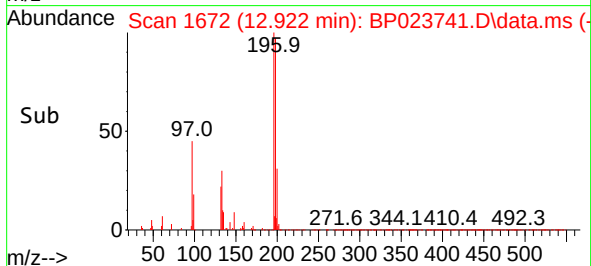
Instrument :
BNA_P
ClientSampleId :
E2938



Tgt Ion:196 Resp: 20977
Ion Ratio Lower Upper
196 100
198 96.5 77.4 116.2
200 30.9 25.0 37.4

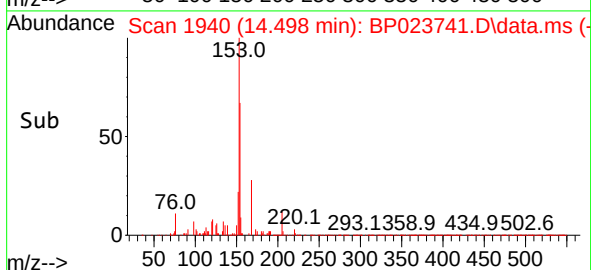
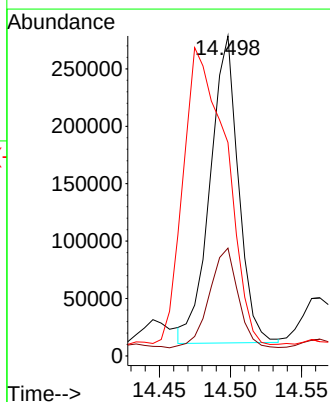
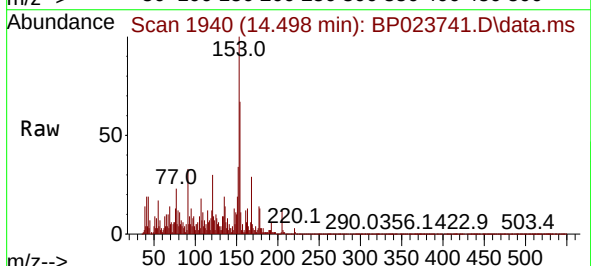
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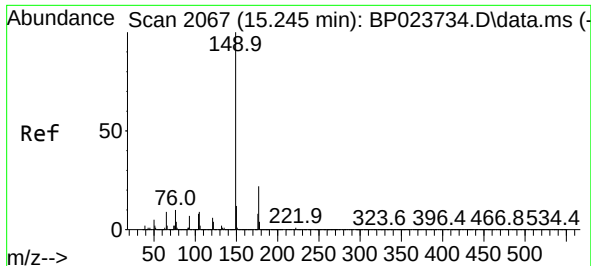
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#52
Acenaphthene
Concen: 3.058 ng/ul
RT: 14.498 min Scan# 1940
Delta R.T. 0.018 min
Lab File: BP023741.D
Acq: 27 Jan 2025 15:10

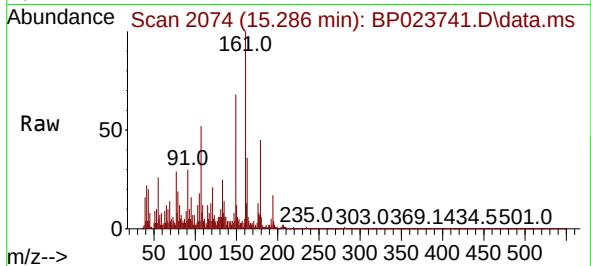
Tgt Ion:153 Resp: 371483
Ion Ratio Lower Upper
153 100
152 33.7 39.1 58.7#
154 66.7 71.4 107.0#





#59
Diethylphthalate
Concen: 2.010 ng/ul
RT: 15.286 min Scan# 2067
Delta R.T. 0.041 min
Lab File: BP023741.D
Acq: 27 Jan 2025 15:10

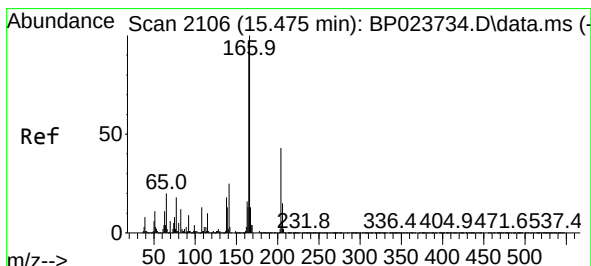
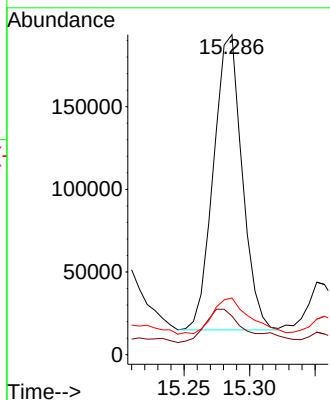
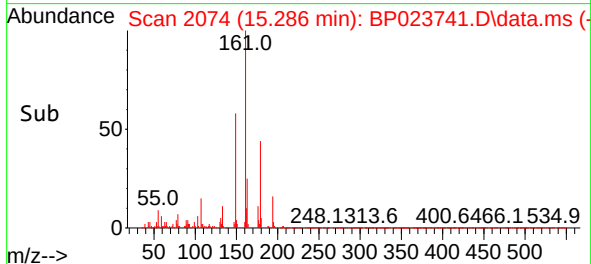
Instrument :
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E2938



Tgt Ion:149 Resp: 271749
Ion Ratio Lower Upper
149 100
177 12.1 17.7 26.5
150 17.8 9.8 14.6

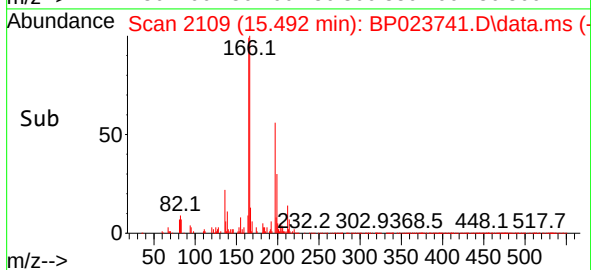
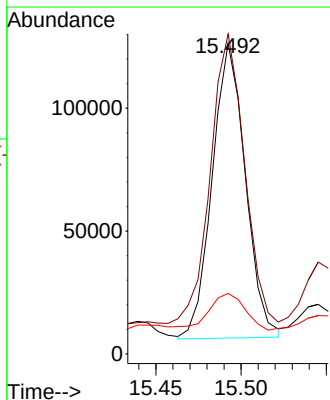
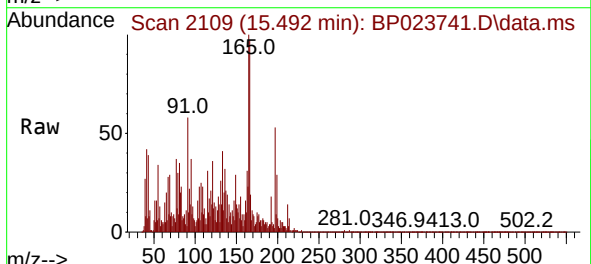
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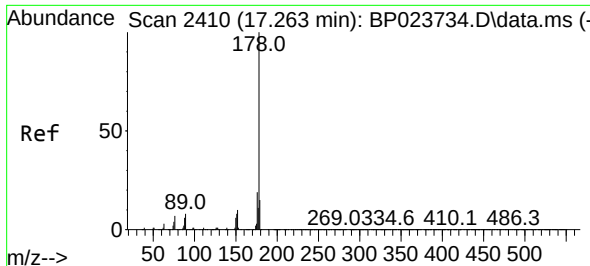
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#61
Fluorene
Concen: 1.164 ng/ul
RT: 15.492 min Scan# 2109
Delta R.T. 0.018 min
Lab File: BP023741.D
Acq: 27 Jan 2025 15:10

Tgt Ion:166 Resp: 162069
Ion Ratio Lower Upper
166 100
165 103.0 77.8 116.8
167 19.5 10.6 16.0





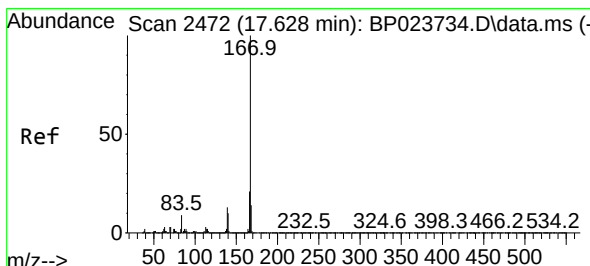
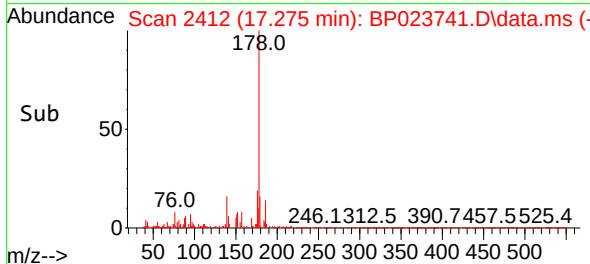
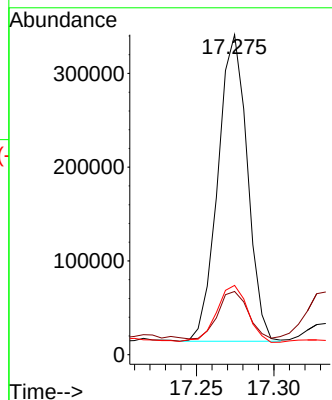
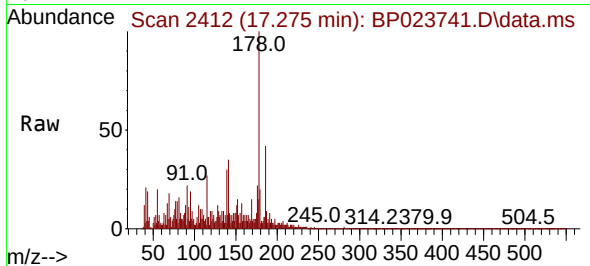
#72
Phenanthrene
Concen: 2.201 ng/ul
RT: 17.275 min Scan# 2412
Delta R.T. 0.012 min
Lab File: BP023741.D
Acq: 27 Jan 2025 15:10

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:178 Resp: 432685
Ion Ratio Lower Upper
178 100
179 19.8 12.5 18.7
176 21.7 15.7 23.5

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Supervised By :mohammad ahmed 01/31/2025



#77
Carbazole
Concen: 4.258 ng/ul
RT: 17.645 min Scan# 2475
Delta R.T. 0.018 min
Lab File: BP023741.D
Acq: 27 Jan 2025 15:10

Tgt Ion:167 Resp: 730345
Ion Ratio Lower Upper
167 100
166 22.8 17.4 26.0
139 16.0 10.6 15.8

