

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
 Data File : BP023742.D
 Acq On : 27 Jan 2025 15:51
 Operator : RC/JU
 Sample : Q1174-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2939

Manual Integrations
 APPROVED

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

Quant Time: Jan 27 23:58:10 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	646296	20.000	ng/u1	0.00
20) Naphthalene-d8	10.581	136	4564350m	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.434	164	1846576	20.000	ng/u1	0.02
64) Phenanthrene-d10	17.234	188	3369292	20.000	ng/u1	0.02
79) Chrysene-d12	21.686	240	3474154	20.000	ng/u1	0.01
88) Perylene-d12	25.080	264	3731353	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	73898	4.605	ng/uL	0.00
4) Pyridine-d5	3.764	84	270903m	5.850	ng/u1	0.06
7) Phenol-d5	6.975	99	563185	10.298	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.128	67	949045	30.724	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	1314468	31.617	ng/u1	0.00
15) 4-Methylphenol-d8	8.505	113	1014767	23.598	ng/u1	0.03
21) Nitrobenzene-d5	8.940	128	736417	21.414	ng/u1	0.01
24) 2-Nitrophenol-d4	9.658	143	792164	25.126	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.210	165	1326245	20.013	ng/u1	0.03
31) 4-Chloroaniline-d4	10.758	131	630762m	5.952	ng/u1	0.06
46) Dimethylphthalate-d6	13.857	166	4115171	30.987	ng/u1	0.04
49) Acenaphthylene-d8	14.122	160	5013525	32.619	ng/u1	0.02
54) 4-Nitrophenol-d4	14.640	143	275485	10.324	ng/u1	0.05
60) Fluorene-d10	15.440	176	3650695	32.114	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.546	200	698423	42.094	ng/u1	0.02
73) Anthracene-d10	17.328	188	5719962	35.362	ng/u1	0.00
81) Pyrene-d10	19.704	212	6473312	36.618	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.851	264	6728720	36.028	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.005	94	11924348	208.383	ng/u1	97
13) 2-Methylphenol	8.234	108	823175	19.823	ng/u1	98
18) 4-Methylphenol	8.575	108	14840038	321.419	ng/u1	88
26) 2,4-Dimethylphenol	9.775	107	44632914m	581.782	ng/u1	
42) 2,4,5-Trichlorophenol	12.928	196	188728	5.299	ng/u1	97
52) Acenaphthene	14.498	153	284574	2.415	ng/u1#	82
59) Diethylphthalate	15.281	149	248357	1.894	ng/u1#	80
61) Fluorene	15.493	166	139847	1.036	ng/u1#	92
62) 4-Chlorophenyl-phenyle...	15.469	204	120897	1.829	ng/u1#	59
72) Phenanthrene	17.269	178	378782	1.990	ng/u1#	91
77) Carbazole	17.645	167	630624	3.797	ng/u1#	95

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

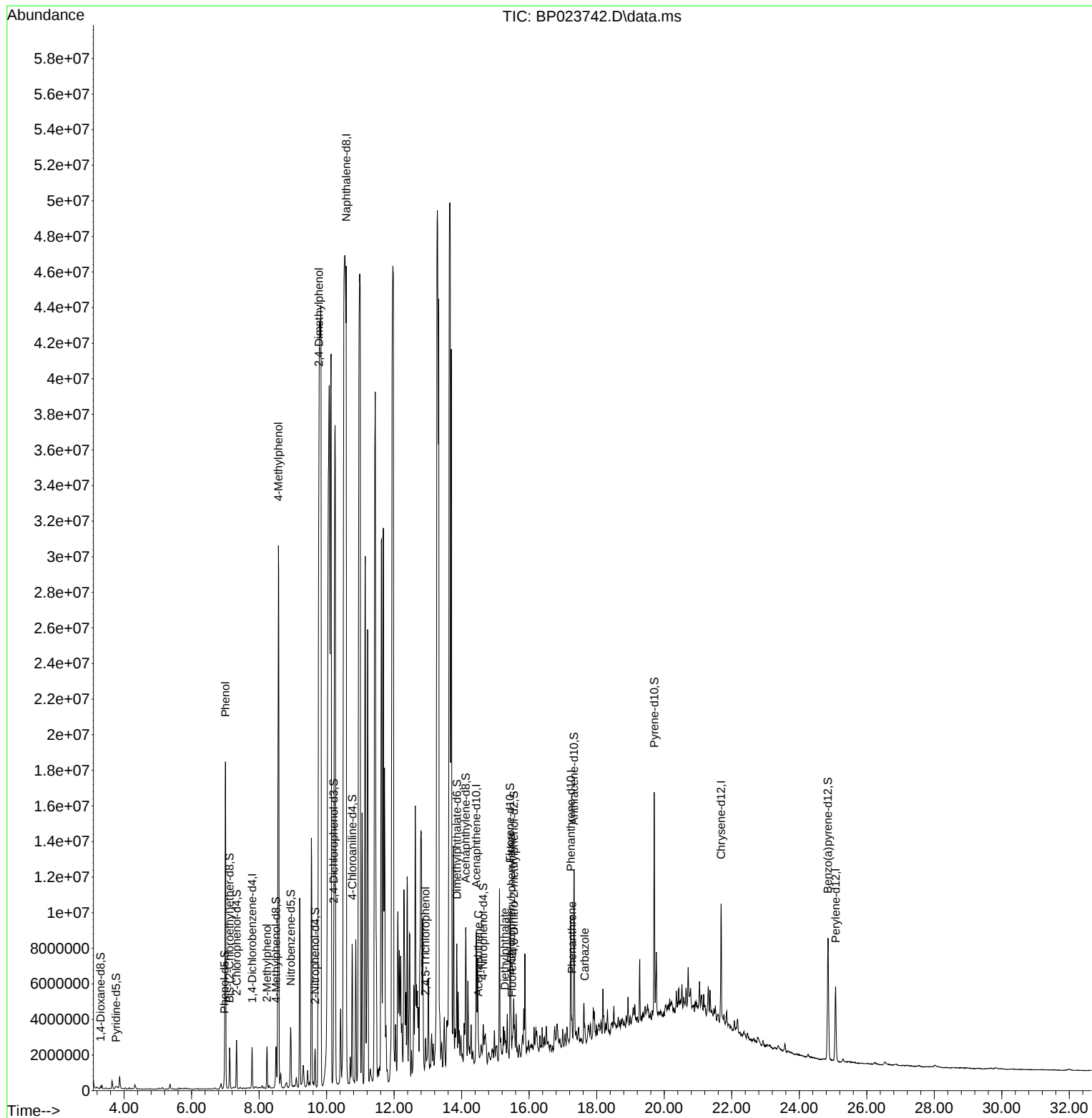
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023742.D
Acq On : 27 Jan 2025 15:51
Operator : RC/JU
Sample : Q1174-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

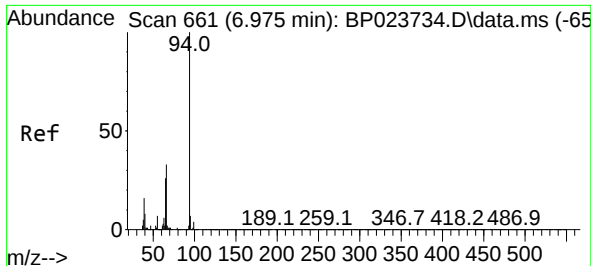
Instrument :
BNA_P
ClientSampleId :
E2939

Quant Time: Jan 27 23:58:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION
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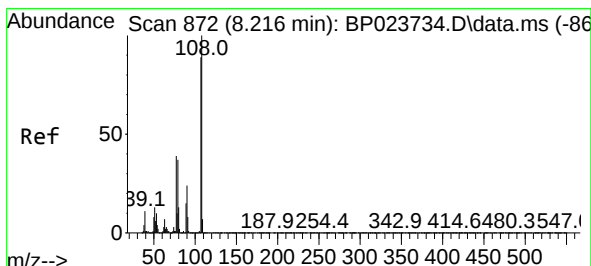
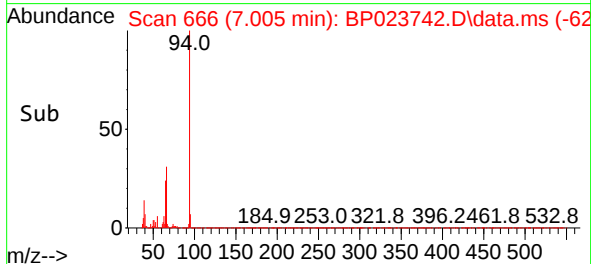
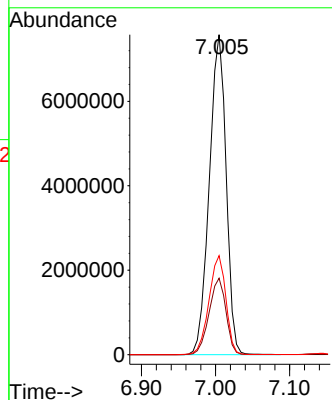
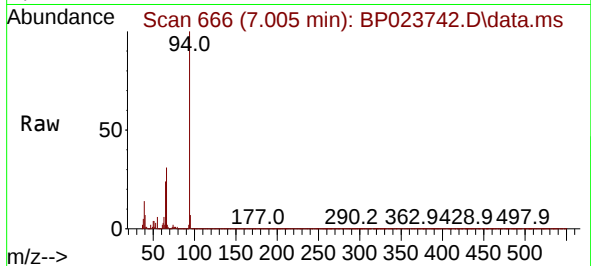
#8
Phenol
Concen: 208.383 ng/ul
RT: 7.005 min Scan# 60
Delta R.T. 0.030 min
Lab File: BP023742.D
Acq: 27 Jan 2025 15:51

Instrument :
BNA_P
ClientSampleId :
E2939

Tgt Ion: 94 Resp:1192434
Ion Ratio Lower Upper
94 100
65 23.9 20.2 30.2
66 30.9 26.0 39.0

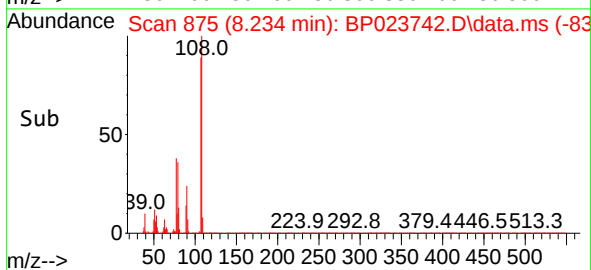
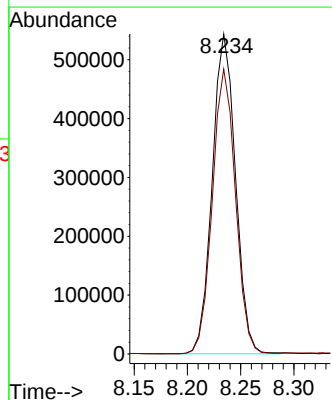
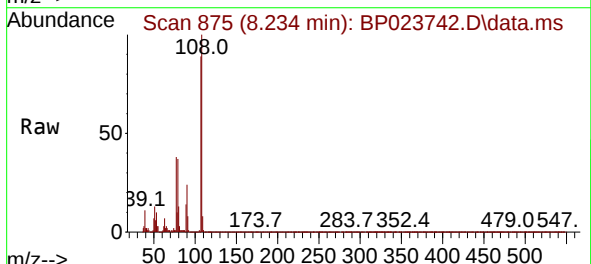
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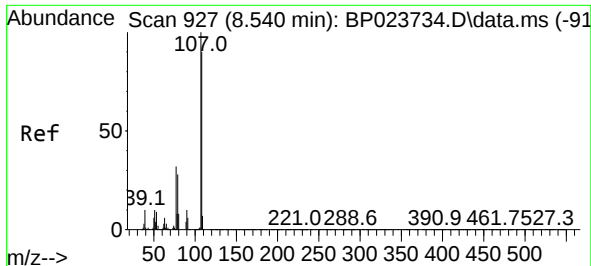
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#13
2-Methylphenol
Concen: 19.823 ng/ul
RT: 8.234 min Scan# 875
Delta R.T. 0.018 min
Lab File: BP023742.D
Acq: 27 Jan 2025 15:51

Tgt Ion:108 Resp: 823175
Ion Ratio Lower Upper
108 100
107 89.1 69.6 104.4





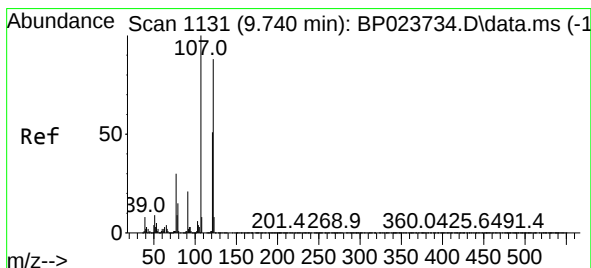
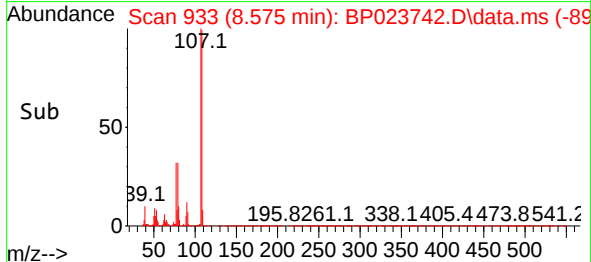
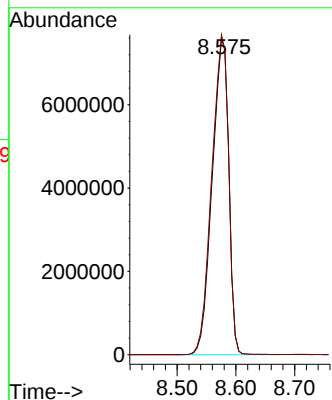
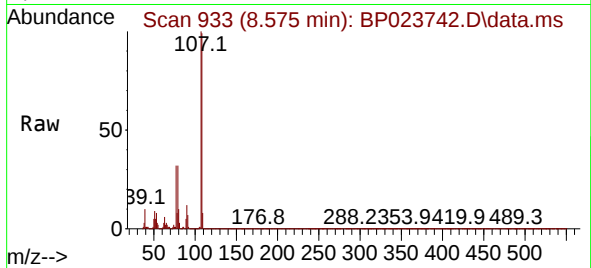
#18
4-Methylphenol
Concen: 321.419 ng/ul
RT: 8.575 min Scan# 91
Delta R.T. 0.035 min
Lab File: BP023742.D
Acq: 27 Jan 2025 15:51

Instrument :
BNA_P
ClientSampleId :
E2939

Tgt Ion:108 Resp:14840038
Ion Ratio Lower Upper
108 100
107 101.4 91.2 136.8

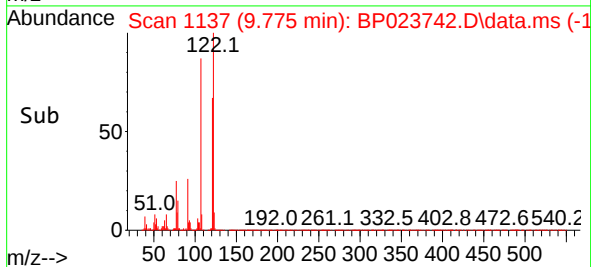
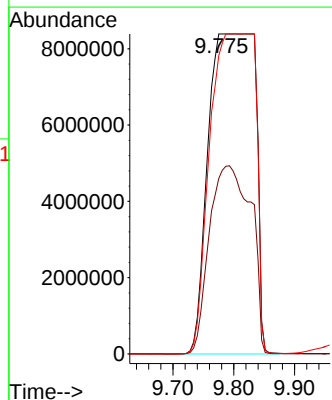
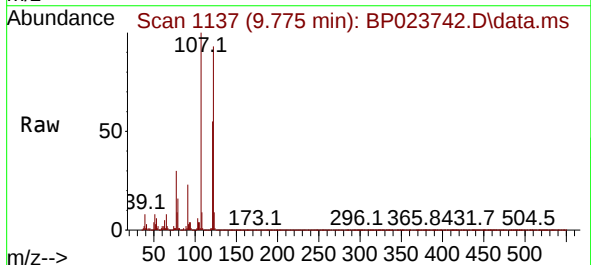
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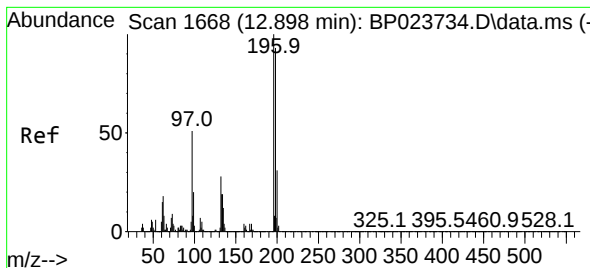
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#26
2,4-Dimethylphenol
Concen: 581.782 ng/ul m
RT: 9.775 min Scan# 1137
Delta R.T. 0.036 min
Lab File: BP023742.D
Acq: 27 Jan 2025 15:51

Tgt Ion:107 Resp:44632914
Ion Ratio Lower Upper
107 100
121 54.9 42.0 63.0
122 93.2 70.2 105.4





#42

2,4,5-Trichlorophenol

Concen: 5.299 ng/ul

RT: 12.928 min Scan# 1

Delta R.T. 0.030 min

Lab File: BP023742.D

Acq: 27 Jan 2025 15:51

Instrument :

BNA_P

ClientSampleId :

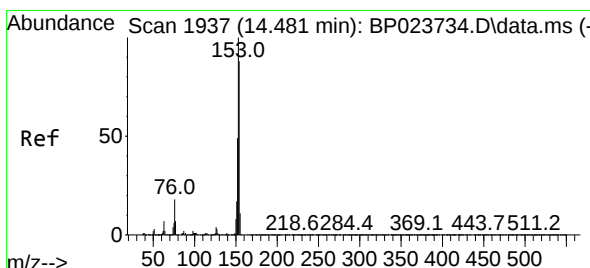
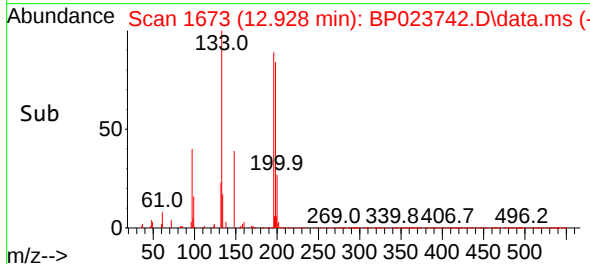
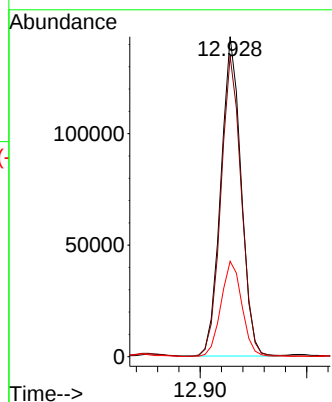
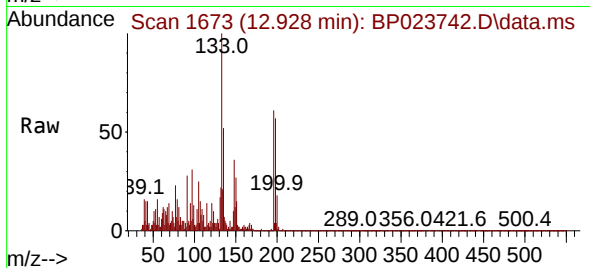
E2939

Tgt Ion:	196	Resp:	188728
Ion Ratio	Lower	Upper	
196	100		
198	93.9	77.4	116.2
200	29.8	25.0	37.4

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Supervised By :mohammad ahmed 01/31/2025



#52

Acenaphthene

Concen: 2.415 ng/ul

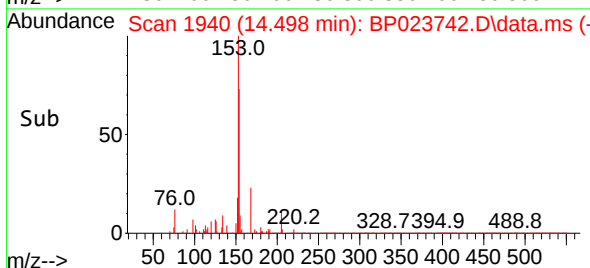
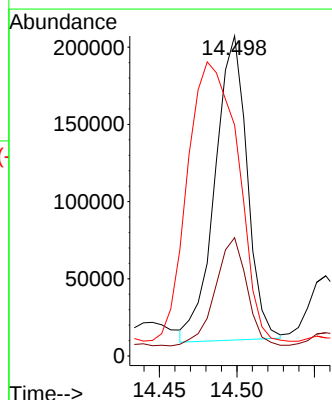
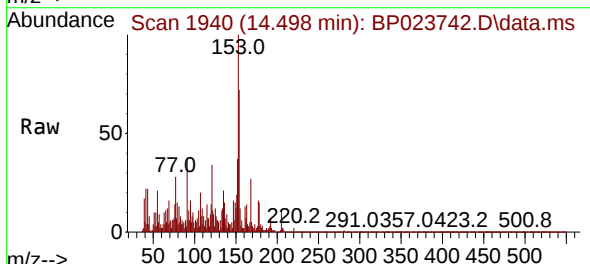
RT: 14.498 min Scan# 1940

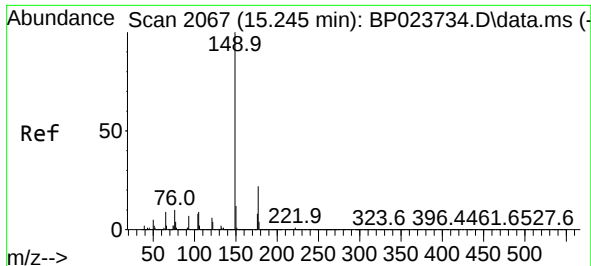
Delta R.T. 0.018 min

Lab File: BP023742.D

Acq: 27 Jan 2025 15:51

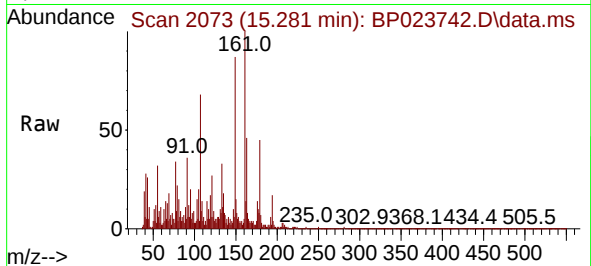
Tgt Ion:	153	Resp:	284574
Ion Ratio	Lower	Upper	
153	100		
152	36.9	39.1	58.7#
154	72.2	71.4	107.0





#59
Diethylphthalate
Concen: 1.894 ng/ul
RT: 15.281 min Scan# 2067
Delta R.T. 0.035 min
Lab File: BP023742.D
Acq: 27 Jan 2025 15:51

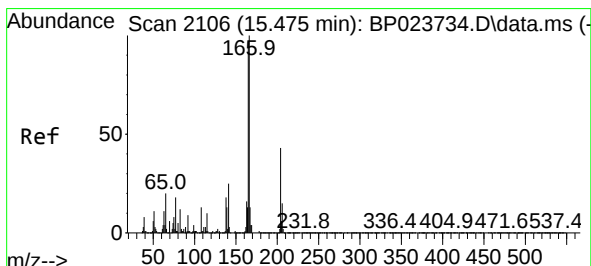
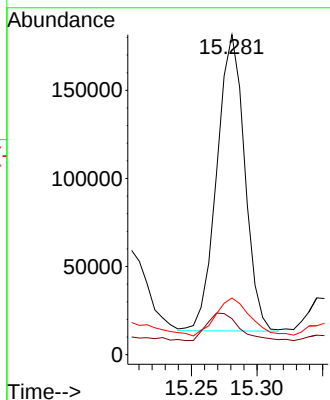
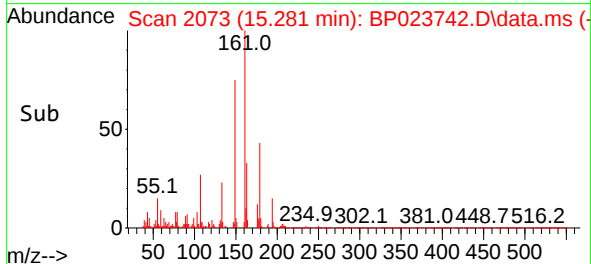
Instrument :
BNA_P
ClientSampleId :
E2939



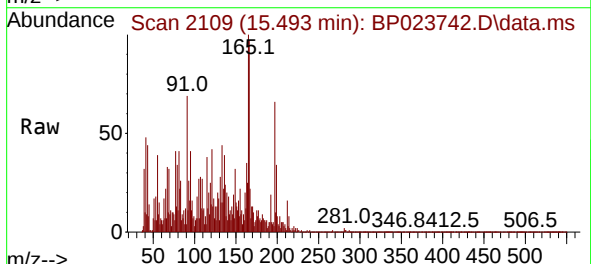
Tgt Ion:149 Resp: 24835
Ion Ratio Lower Upper
149 100
177 11.3 17.7 26.5
150 17.7 9.8 14.6

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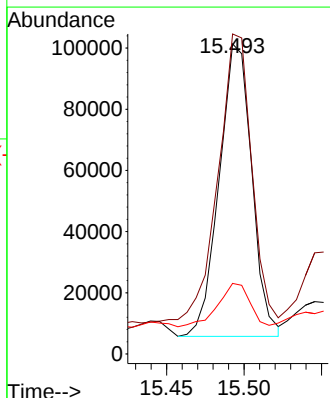
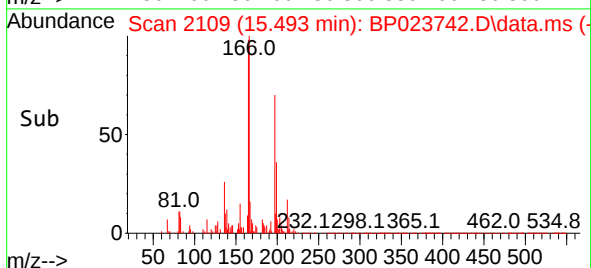
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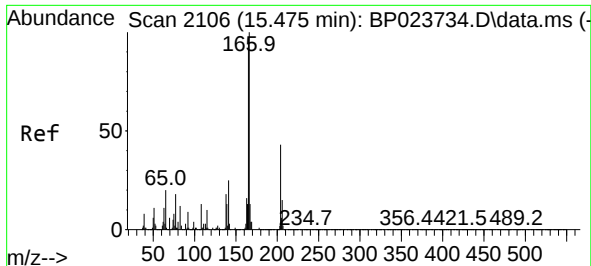


#61
Fluorene
Concen: 1.036 ng/ul
RT: 15.493 min Scan# 2109
Delta R.T. 0.018 min
Lab File: BP023742.D
Acq: 27 Jan 2025 15:51



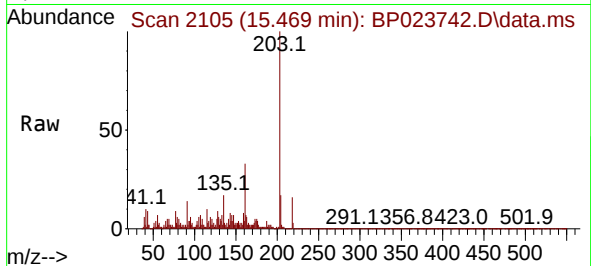
Tgt Ion:166 Resp: 139847
Ion Ratio Lower Upper
166 100
165 103.2 77.8 116.8
167 22.8 10.6 16.0





#62
4-Chlorophenyl-phenylether
Concen: 1.829 ng/ul
RT: 15.469 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BP023742.D
Acq: 27 Jan 2025 15:51

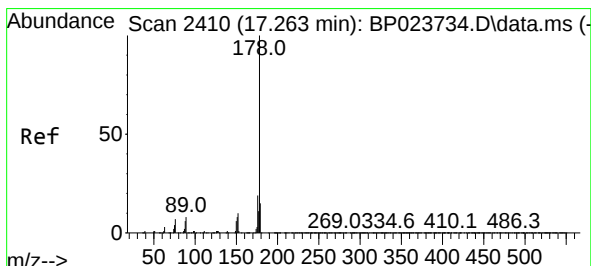
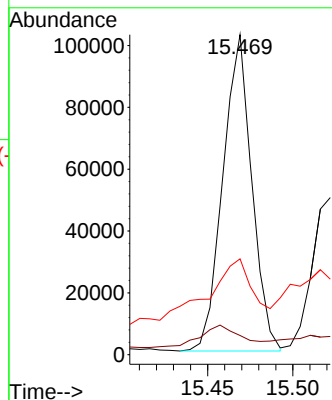
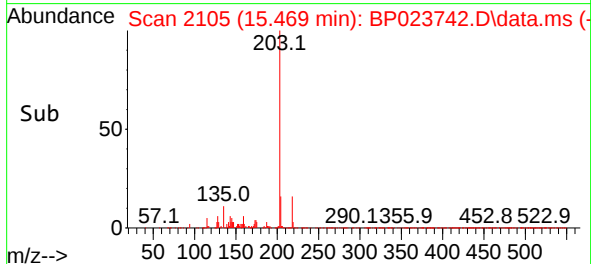
Instrument :
BNA_P
ClientSampleId :
E2939



Tgt Ion: 204 Resp: 120897
Ion Ratio Lower Upper
204 100
206 6.0 26.2 39.2
141 30.0 45.4 68.2

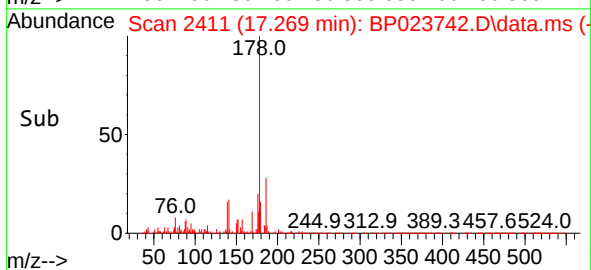
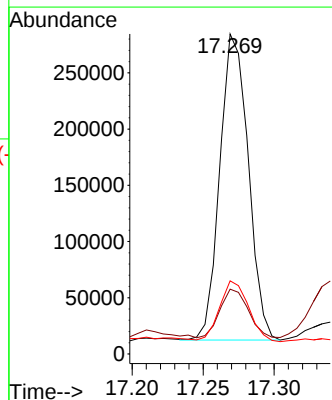
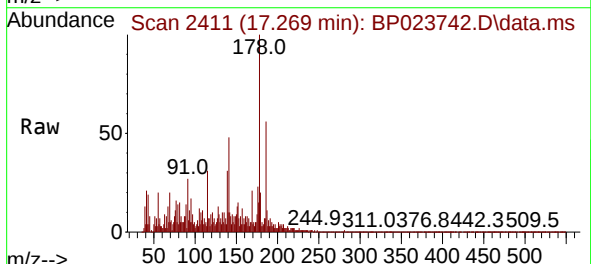
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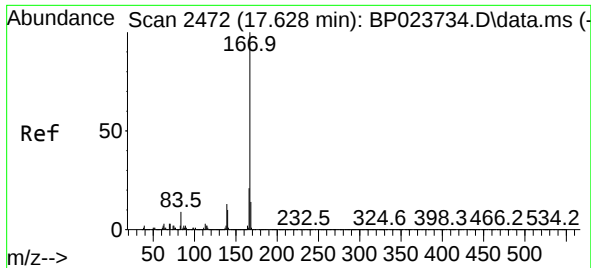
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#72
Phenanthrene
Concen: 1.990 ng/ul
RT: 17.269 min Scan# 2411
Delta R.T. 0.006 min
Lab File: BP023742.D
Acq: 27 Jan 2025 15:51

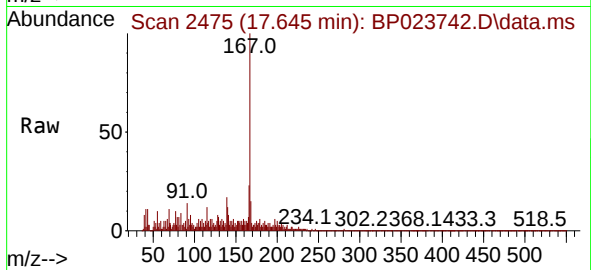
Tgt Ion: 178 Resp: 378782
Ion Ratio Lower Upper
178 100
179 20.3 12.5 18.7
176 22.8 15.7 23.5





#77
 Carbazole
 Concen: 3.797 ng/ul
 RT: 17.645 min Scan# 2475
 Delta R.T. 0.018 min
 Lab File: BP023742.D
 Acq: 27 Jan 2025 15:51

Instrument :
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Tgt Ion:167 Resp: 630624
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.4 26.0
 139 16.5 10.6 15.8

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