

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
 Data File : BP025341.D
 Acq On : 08 Aug 2025 20:47
 Operator : CG/JU
 Sample : Q2759-04 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LIQUID-DRUM

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/11/2025
 Supervised By :Jagrut Upadhyay 08/11/2025

Quant Time: Aug 11 12:23:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 06 06:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	315275	20.000	ng	0.00
21) Naphthalene-d8	10.578	136	1116824	20.000	ng	0.00
39) Acenaphthene-d10	14.425	164	598901	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	1064158	20.000	ng	# 0.00
76) Chrysene-d12	21.660	240	1220341	20.000	ng	0.00
86) Perylene-d12	25.089	264	1394163	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	147569	7.528	ng	0.00
7) Phenol-d6	6.984	99	152836	5.924	ng	0.02
23) Nitrobenzene-d5	8.943	82	152639	7.572	ng	0.00
42) 2,4,6-Tribromophenol	15.931	330	63862	10.689	ng	0.00
45) 2-Fluorobiphenyl	13.037	172	325678	7.511	ng	0.00
79) Terphenyl-d14	19.942	244	447787	6.931	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.002	94	119885	4.343	ng	96
15) Benzyl Alcohol	8.031	79	108074	5.404	ng	97
20) 3+4-Methylphenols	8.608	107	131657m	5.177	ng	
31) Naphthalene	10.625	128	135544	2.338	ng	97
32) Benzoic acid	10.019	122	75872	13.789	ng	91
37) 2-Methylnaphthalene	12.237	142	308593	8.223	ng	99
38) 1-Methylnaphthalene	12.449	142	193833m	4.950	ng	
71) Phenanthrene	17.266	178	301092	5.166	ng	# 71
78) Pyrene	19.719	202	255985	3.154	ng	# 90
84) Bis(2-ethylhexyl)phtha...	21.595	149	244727	4.657	ng	97

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

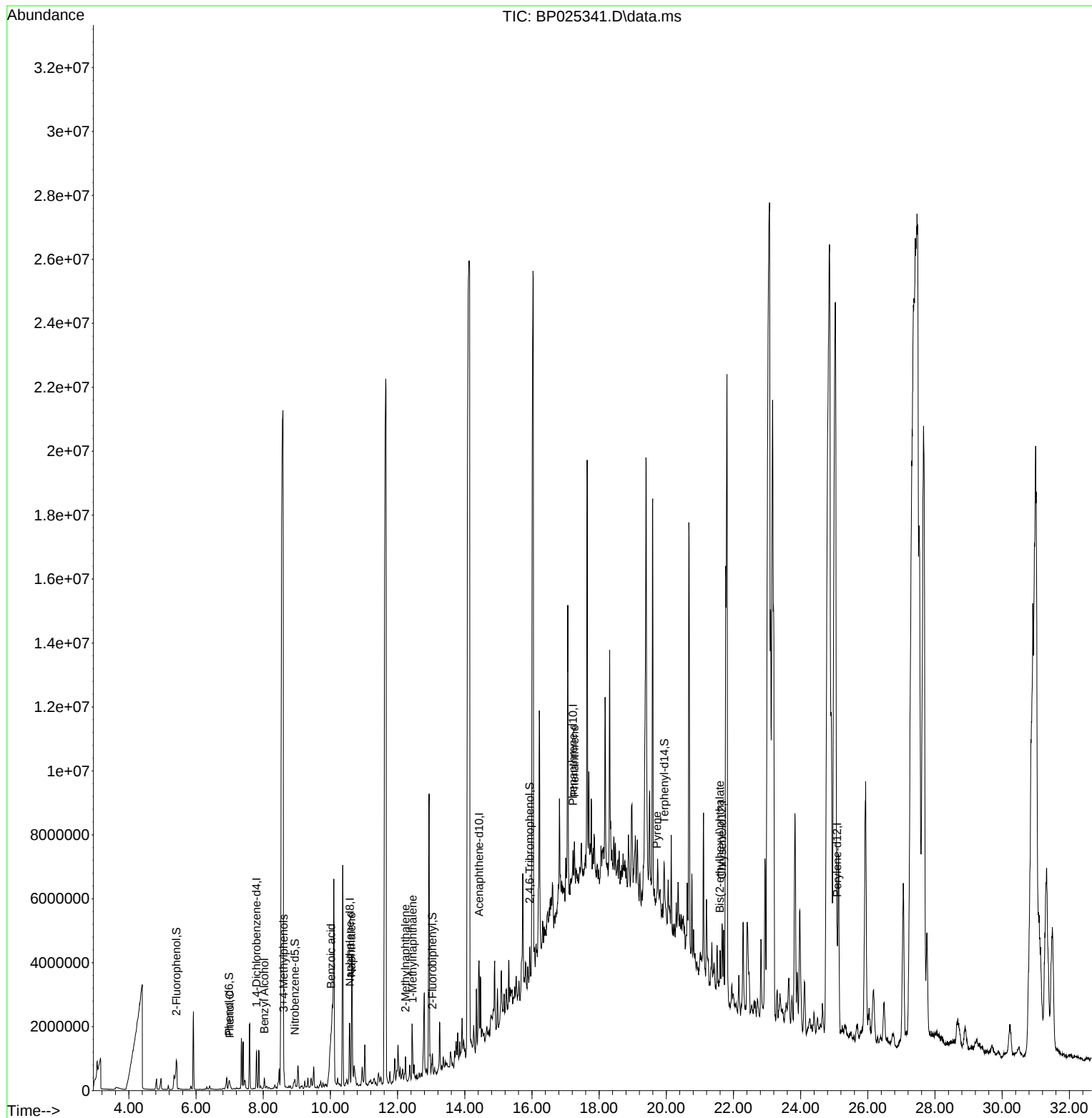
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025341.D
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Misc :
ALS Vial : 17 Sample Multiplier: 1

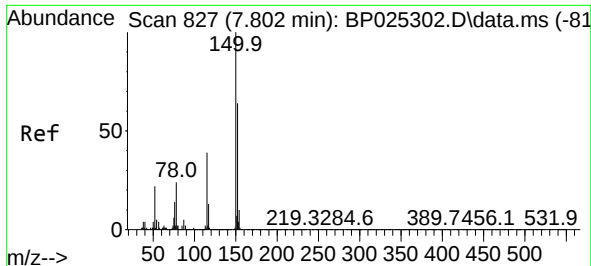
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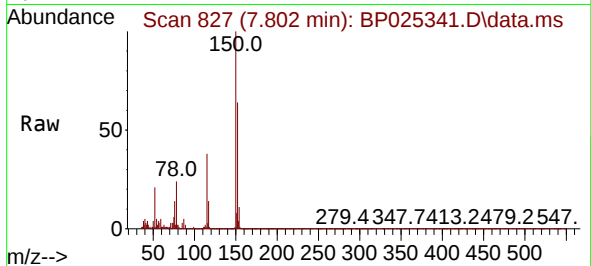
Reviewed By :Rahul Chavli 08/11/2025
Supervised By :Jagrut Upadhyay 08/11/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP025341.D
Acq: 08 Aug 2025 20:47

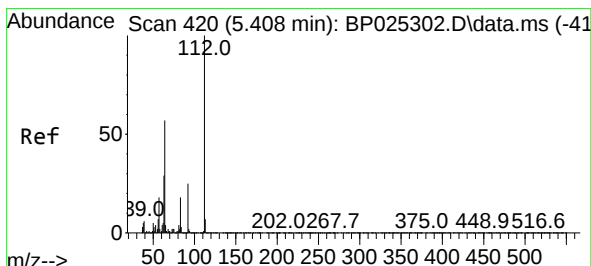
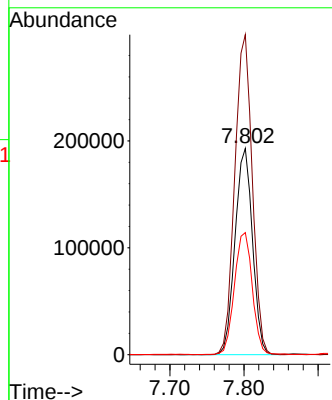
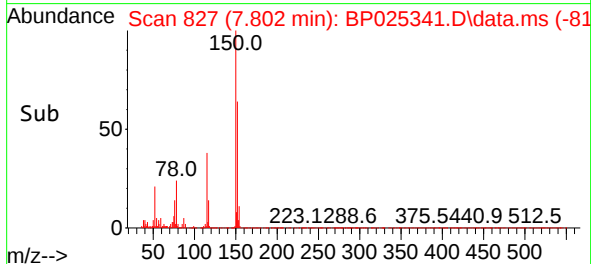
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BNA_P
ClientSampleId :
LIQUID-DRUM



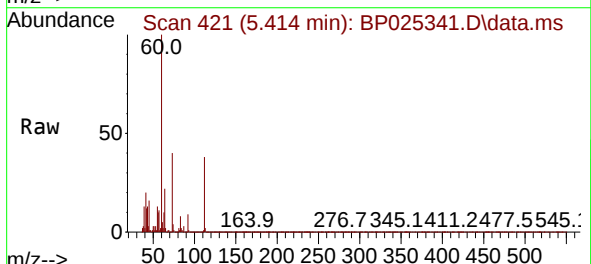
Tgt Ion:152 Resp: 31527
Ion Ratio Lower Upper
152 100
150 155.1 125.1 187.7
115 59.2 48.4 72.6

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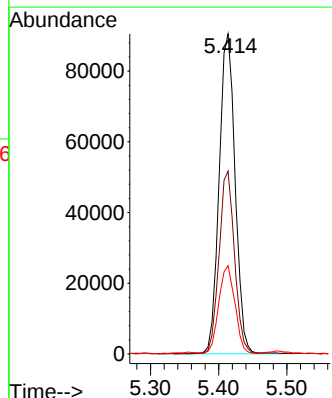
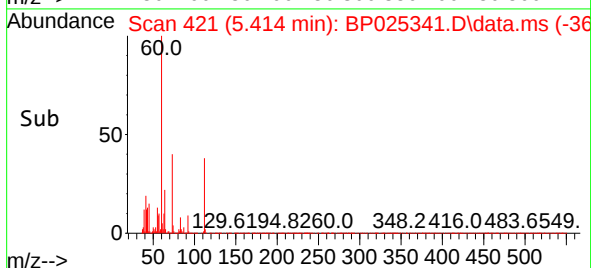
Reviewed By :Rahul Chavli 08/11/2025
Supervised By :Jagrut Upadhyay 08/11/2025

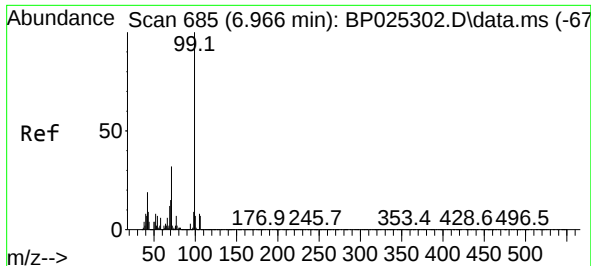


#5
2-Fluorophenol
Concen: 7.528 ng
RT: 5.414 min Scan# 421
Delta R.T. 0.006 min
Lab File: BP025341.D
Acq: 08 Aug 2025 20:47



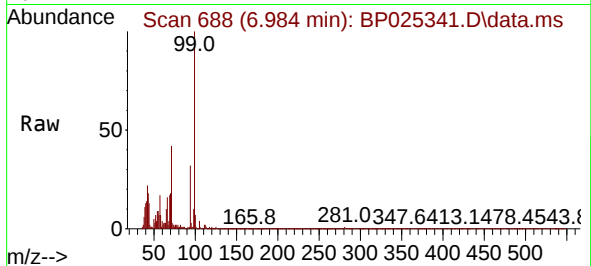
Tgt Ion:112 Resp: 147569
Ion Ratio Lower Upper
112 100
64 57.1 45.3 67.9
63 27.6 23.0 34.6





#7
Phenol-d6
Concen: 5.924 ng
RT: 6.984 min Scan# 688
Delta R.T. 0.018 min
Lab File: BP025341.D
Acq: 08 Aug 2025 20:47

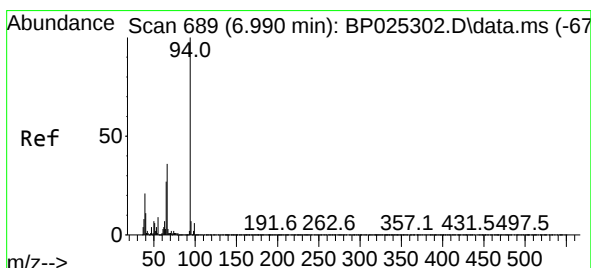
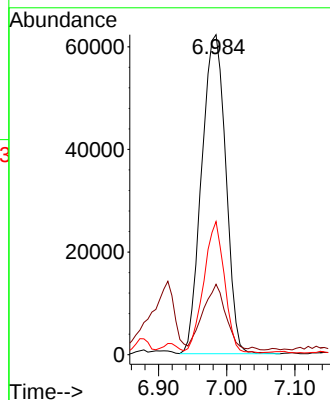
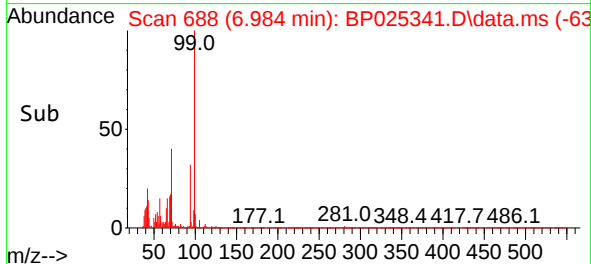
Instrument :
BNA_P
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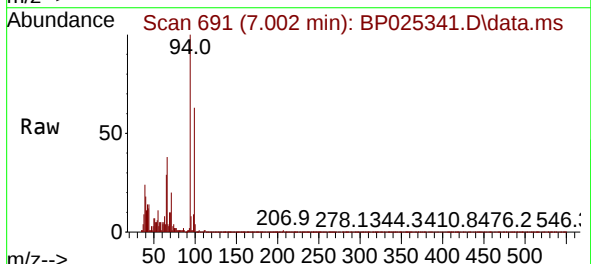
Tgt Ion: 99 Resp: 152830
Ion Ratio Lower Upper
99 100
42 22.0 15.0 22.6
71 41.6 25.5 38.3

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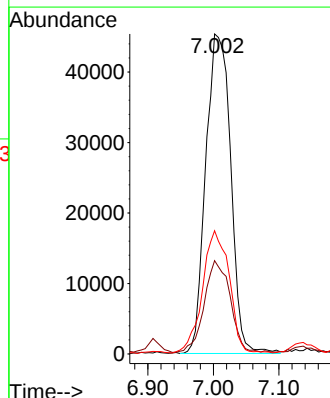
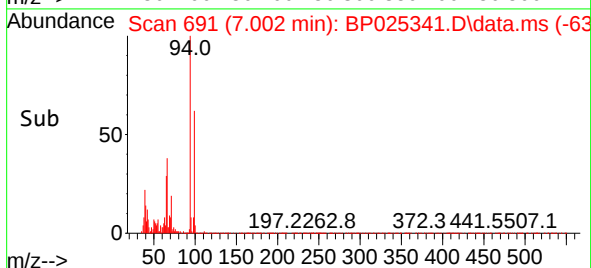
Reviewed By :Rahul Chavli 08/11/2025
Supervised By :Jagrut Upadhyay 08/11/2025

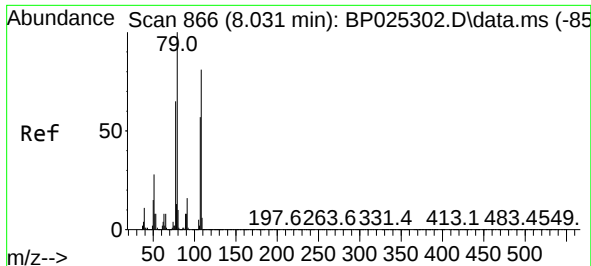


#10
Phenol
Concen: 4.343 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.012 min
Lab File: BP025341.D
Acq: 08 Aug 2025 20:47



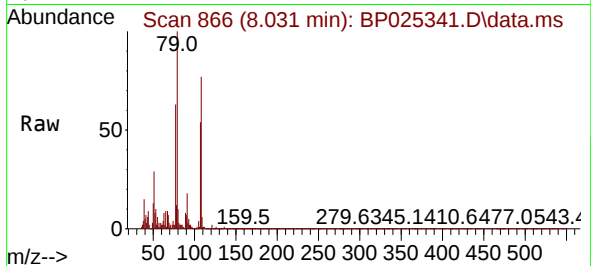
Tgt Ion: 94 Resp: 119885
Ion Ratio Lower Upper
94 100
65 29.1 7.3 47.3
66 38.5 15.7 55.7





#15
Benzyl Alcohol
Concen: 5.404 ng
RT: 8.031 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025341.D
Acq: 08 Aug 2025 20:47

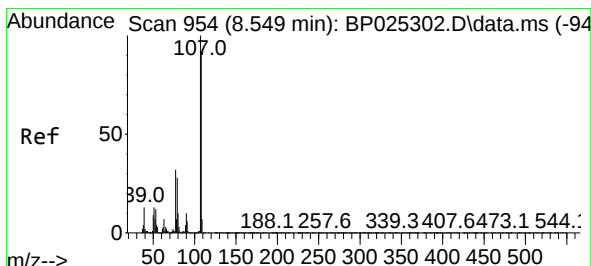
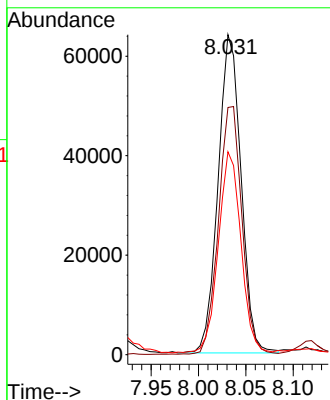
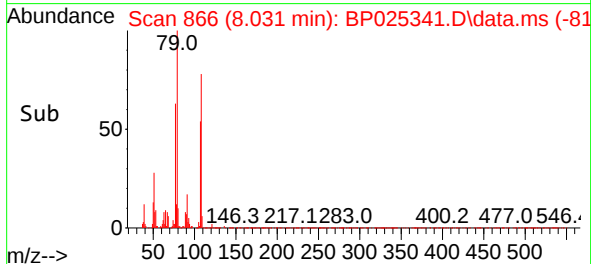
Instrument :
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ClientSampleId :
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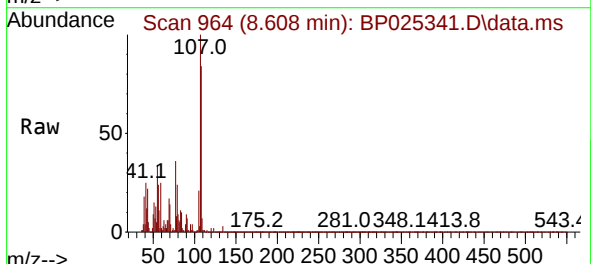
Tgt Ion: 79 Resp: 108074
Ion Ratio Lower Upper
79 100
108 77.2 64.5 96.7
77 63.4 51.9 77.9

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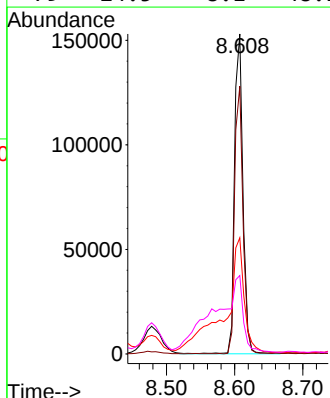
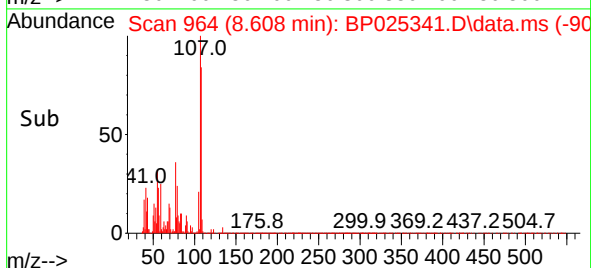
Reviewed By :Rahul Chavli 08/11/2025
Supervised By :Jagrut Upadhyay 08/11/2025

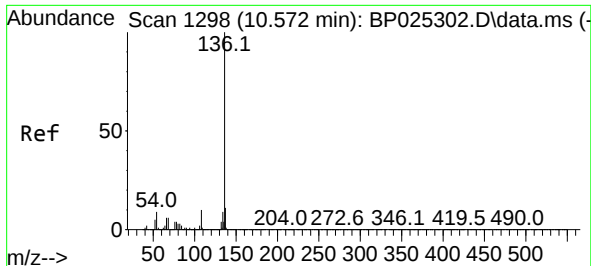


#20
3+4-Methylphenols
Concen: 5.177 ng m
RT: 8.608 min Scan# 964
Delta R.T. 0.059 min
Lab File: BP025341.D
Acq: 08 Aug 2025 20:47



Tgt Ion:107 Resp: 131657
Ion Ratio Lower Upper
107 100
108 83.6 71.9 111.9
77 36.3 12.0 52.0
79 24.5 8.1 48.1





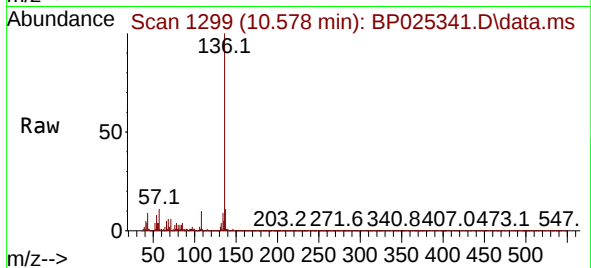
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.578 min Scan# 1116824
Delta R.T. 0.006 min
Lab File: BP025341.D
Acq: 08 Aug 2025 20:47

Instrument :

BNA_P

ClientSampleId :

LIQUID-DRUM



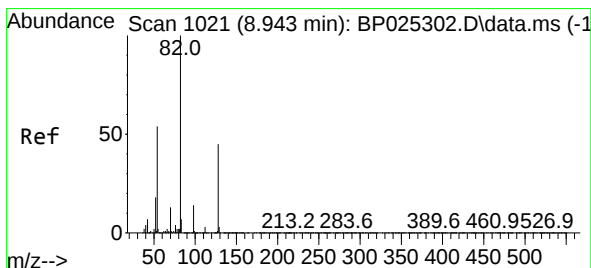
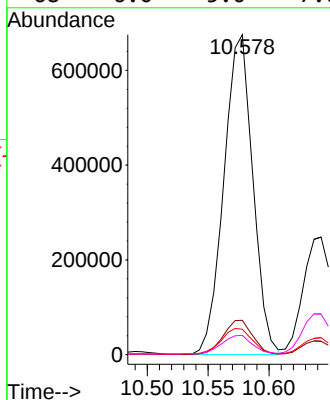
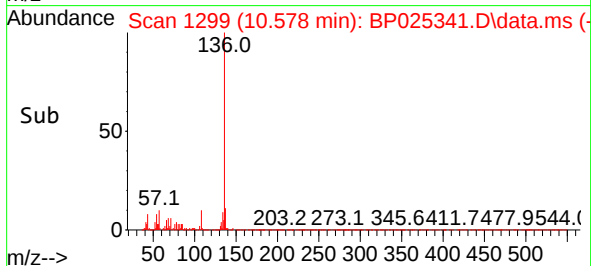
Tgt Ion:136 Resp: 1116824
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.0 7.0 10.6
68 6.0 5.0 7.6

Manual Integrations

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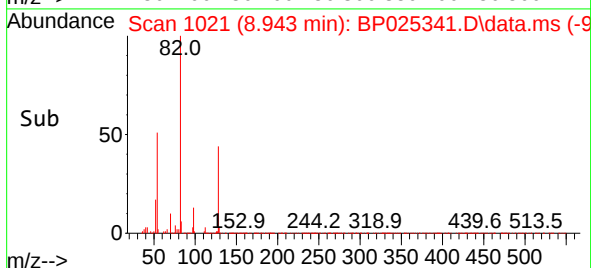
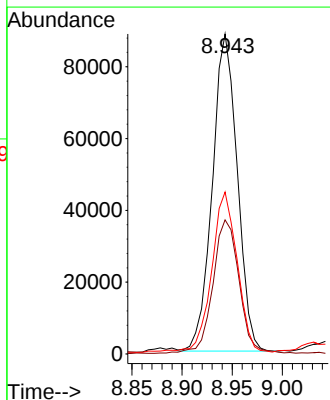
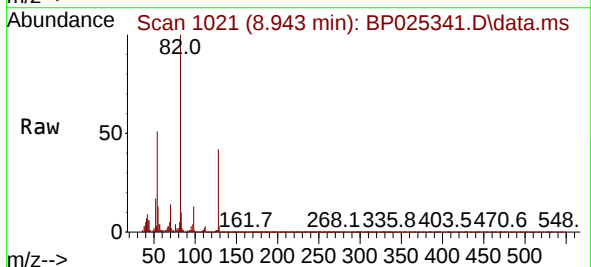
Reviewed By :Rahul Chavli 08/11/2025

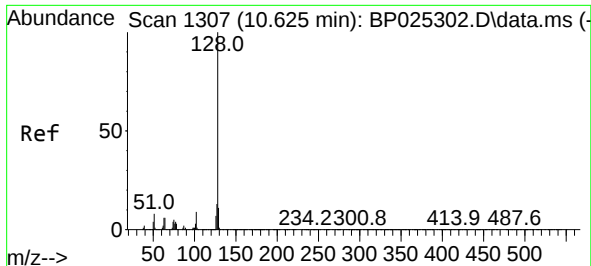
Supervised By :Jagrut Upadhyay 08/11/2025



#23
Nitrobenzene-d5
Concen: 7.572 ng
RT: 8.943 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BP025341.D
Acq: 08 Aug 2025 20:47

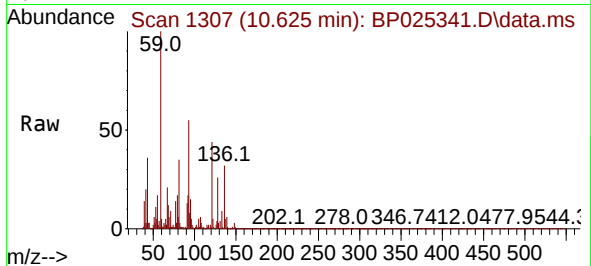
Tgt Ion: 82 Resp: 152639
Ion Ratio Lower Upper
82 100
128 41.9 35.4 53.2
54 50.6 42.9 64.3





#31
Naphthalene
Concen: 2.338 ng
RT: 10.625 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025341.D
Acq: 08 Aug 2025 20:47

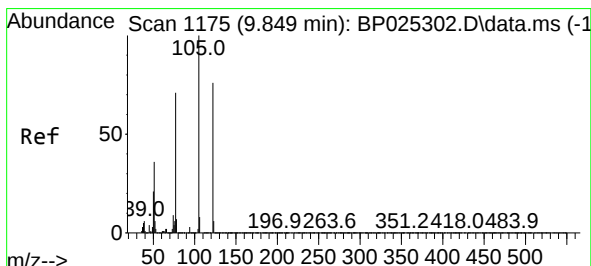
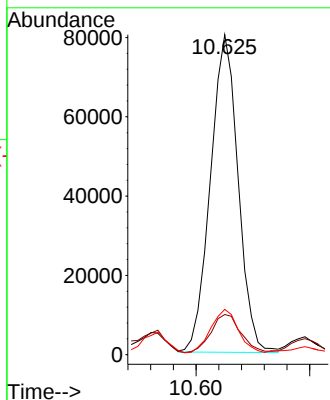
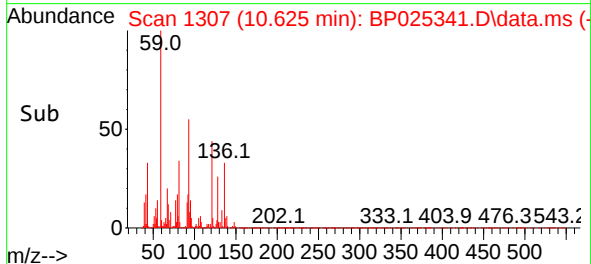
Instrument :
BNA_P
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Tgt Ion:128 Resp: 135544
Ion Ratio Lower Upper
128 100
129 12.6 8.9 13.3
127 14.1 10.4 15.6

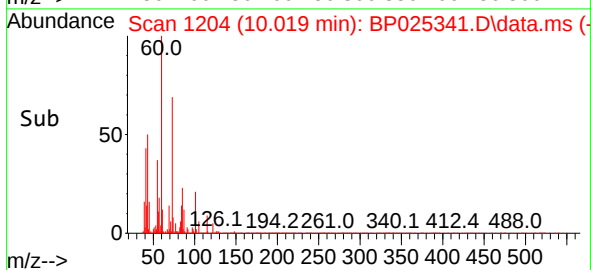
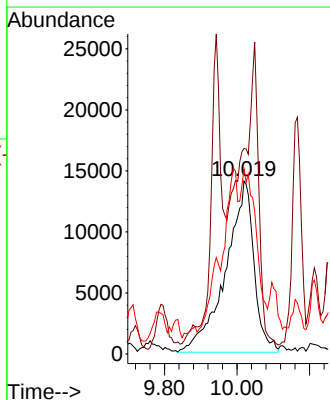
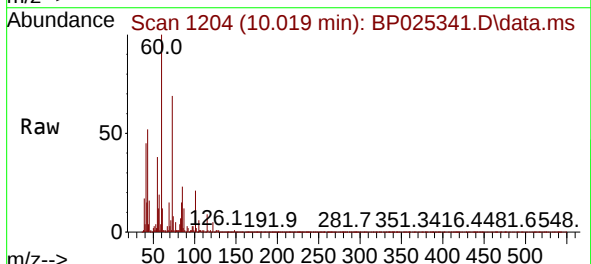
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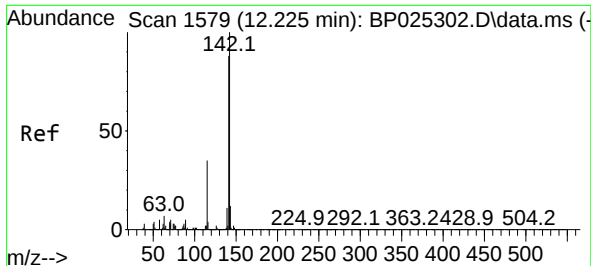
Reviewed By :Rahul Chavli 08/11/2025
Supervised By :Jagrut Upadhyay 08/11/2025



#32
Benzoic acid
Concen: 13.789 ng
RT: 10.019 min Scan# 1204
Delta R.T. 0.170 min
Lab File: BP025341.D
Acq: 08 Aug 2025 20:47

Tgt Ion:122 Resp: 75872
Ion Ratio Lower Upper
122 100
105 118.9 104.0 144.0
77 107.2 71.8 111.8





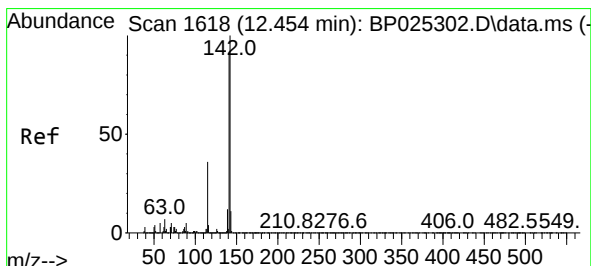
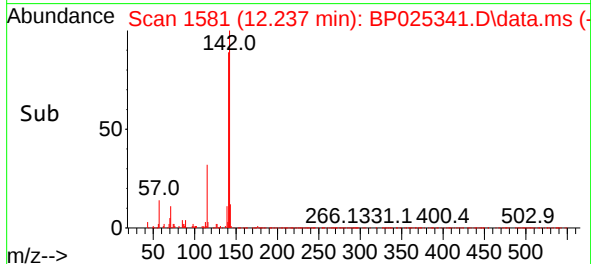
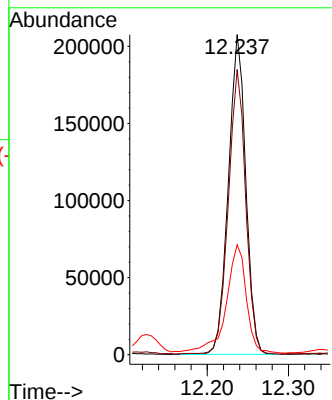
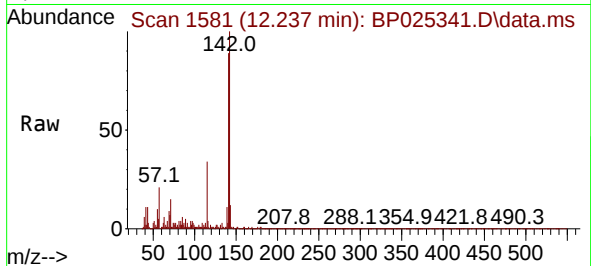
#37
2-Methylnaphthalene
Concen: 8.223 ng
RT: 12.237 min Scan# 1581
Delta R.T. 0.012 min
Lab File: BP025341.D
Acq: 08 Aug 2025 20:47

Instrument :
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Tgt Ion:142 Resp: 30859
Ion Ratio Lower Upper
142 100
141 89.1 70.4 105.6
115 34.4 28.0 42.0

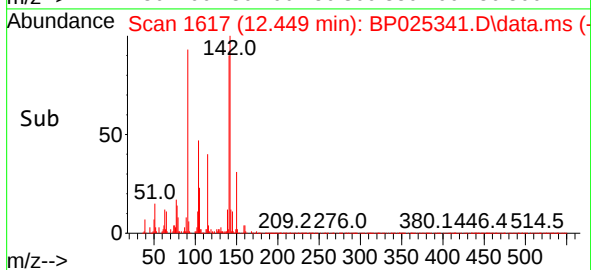
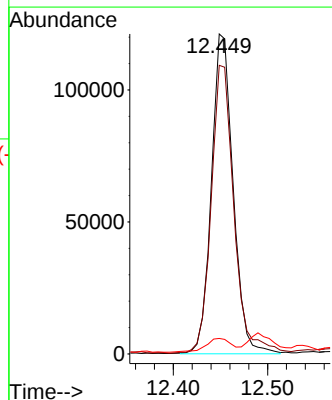
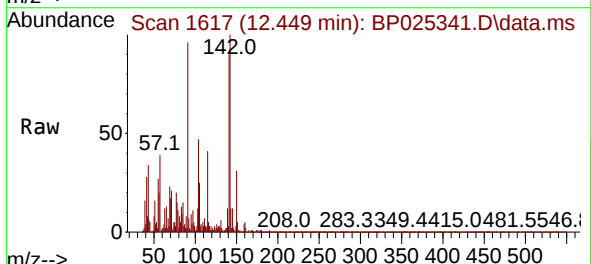
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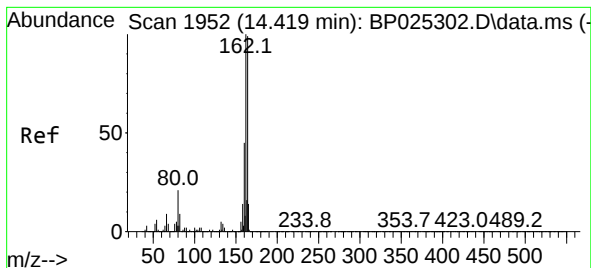
Reviewed By :Rahul Chavli 08/11/2025
Supervised By :Jagrut Upadhyay 08/11/2025



#38
1-Methylnaphthalene
Concen: 4.950 ng m
RT: 12.449 min Scan# 1617
Delta R.T. -0.005 min
Lab File: BP025341.D
Acq: 08 Aug 2025 20:47

Tgt Ion:142 Resp: 193833
Ion Ratio Lower Upper
142 100
141 90.2 73.0 109.6
116 4.8 3.0 4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.425 min Scan# 1952

Delta R.T. 0.006 min

Lab File: BP025341.D

Acq: 08 Aug 2025 20:47

Instrument :

BNA_P

ClientSampleId :

LIQUID-DRUM

Tgt Ion:164 Resp: 59890

Ion Ratio Lower Upper

164 100

162 99.7 80.6 120.8

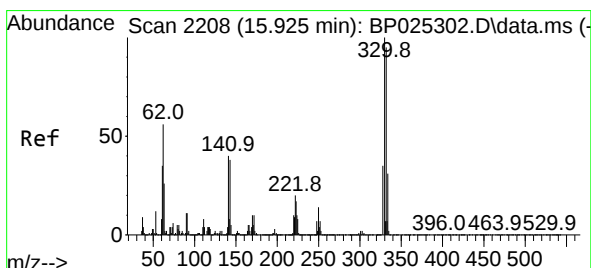
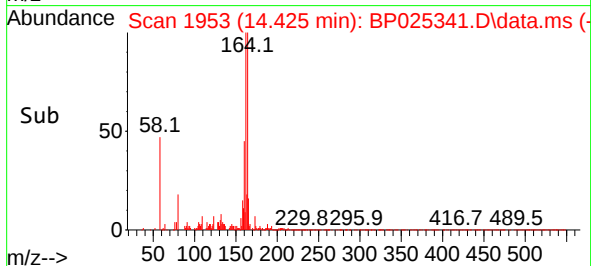
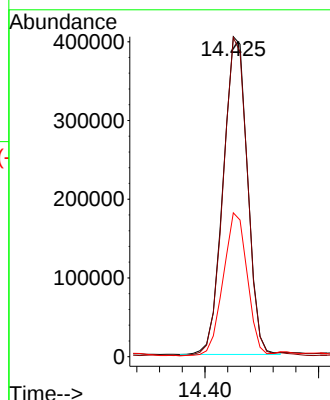
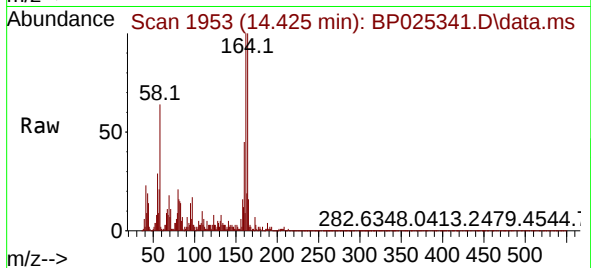
160 45.0 35.9 53.9

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#42

2,4,6-Tribromophenol

Concen: 10.689 ng

RT: 15.931 min Scan# 2209

Delta R.T. 0.006 min

Lab File: BP025341.D

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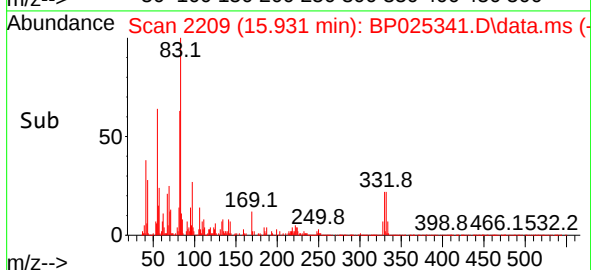
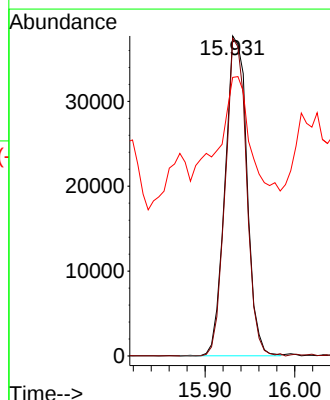
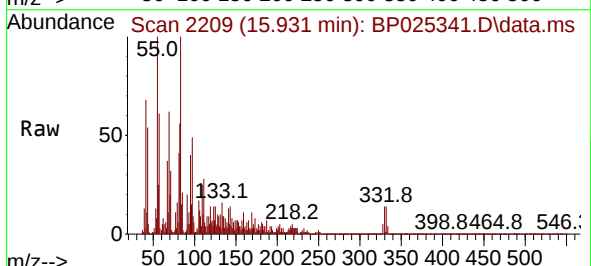
Tgt Ion:330 Resp: 63862

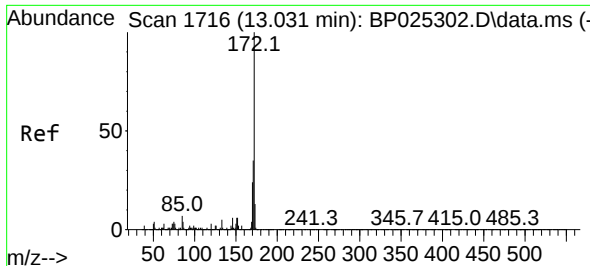
Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.0

141 48.6 31.7 47.5#





#45
2-Fluorobiphenyl
Concen: 7.511 ng
RT: 13.037 min Scan# 1716
Delta R.T. 0.006 min
Lab File: BP025341.D
Acq: 08 Aug 2025 20:47

Instrument :

BNA_P

ClientSampleId :

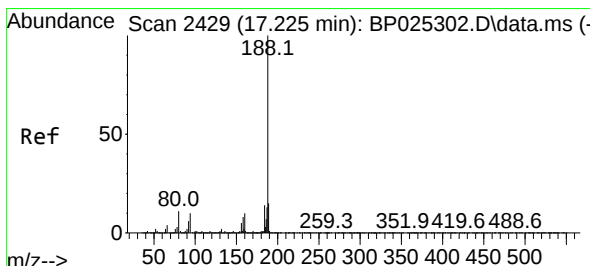
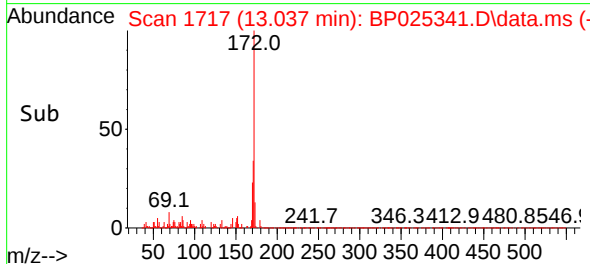
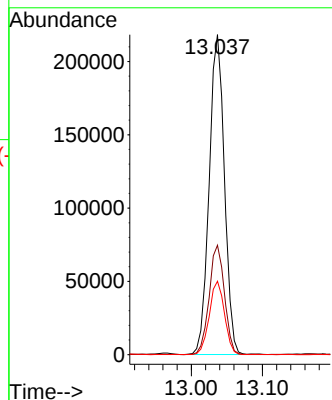
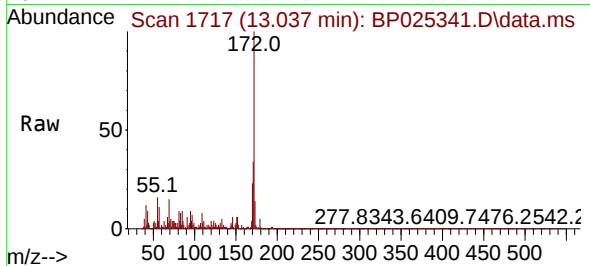
LIQUID-DRUM

Tgt Ion:172 Resp: 325678
Ion Ratio Lower Upper
172 100
171 34.2 27.9 41.9
170 22.9 18.9 28.3

Manual Integrations

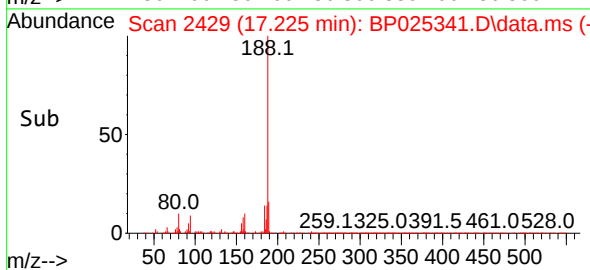
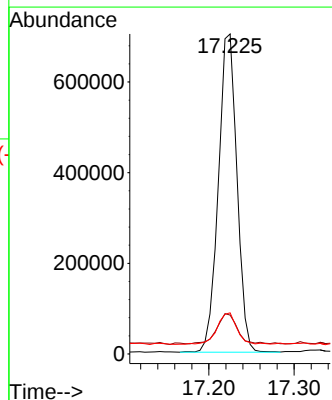
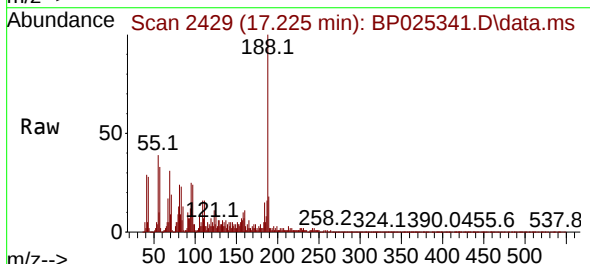
APPROVED

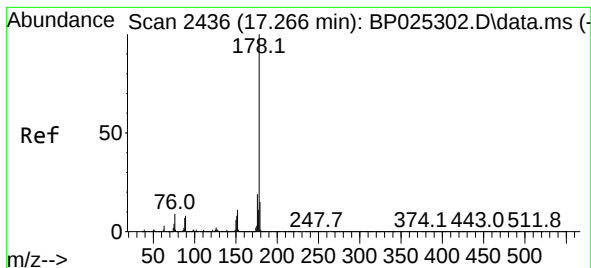
Reviewed By :Rahul Chavli 08/11/2025
Supervised By :Jagrut Upadhyay 08/11/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP025341.D
Acq: 08 Aug 2025 20:47

Tgt Ion:188 Resp: 1064158
Ion Ratio Lower Upper
188 100
94 12.2 8.0 12.0#
80 12.9 8.5 12.7#





#71

Phenanthrene

Concen: 5.166 ng

RT: 17.266 min Scan# 2436

Delta R.T. -0.000 min

Lab File: BP025341.D

Acq: 08 Aug 2025 20:47

Instrument :

BNA_P

ClientSampleId :

LIQUID-DRUM

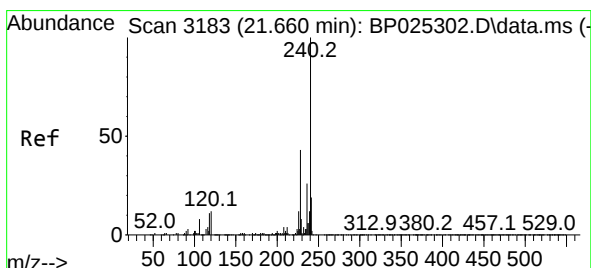
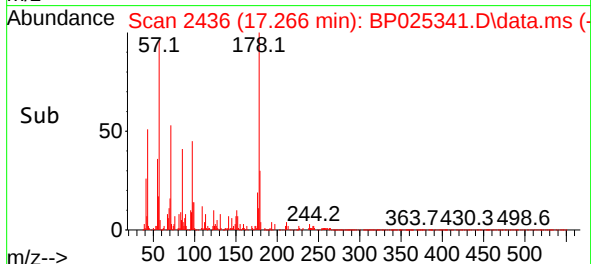
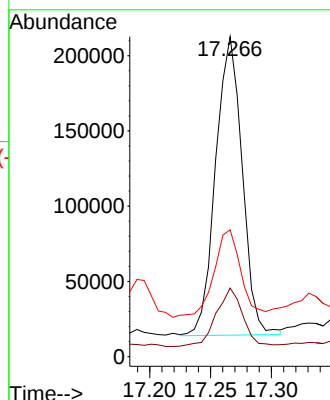
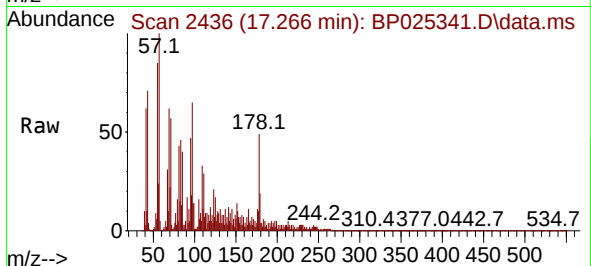
Tgt Ion:178	Resp: 301092
Ion Ratio	Lower Upper
178	100
176	21.5 15.3 22.9
179	39.7 12.1 18.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/11/2025

Supervised By :Jagrut Upadhyay 08/11/2025



#76

Chrysene-d12

Concen: 20.000 ng

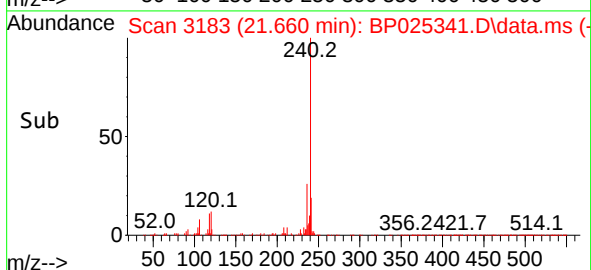
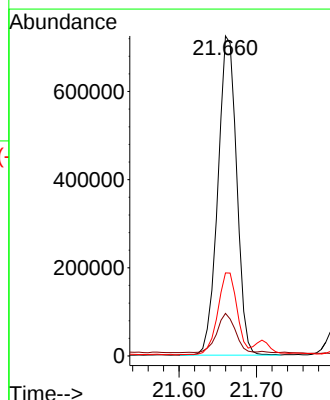
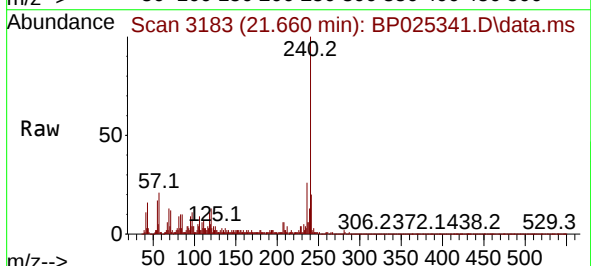
RT: 21.660 min Scan# 3183

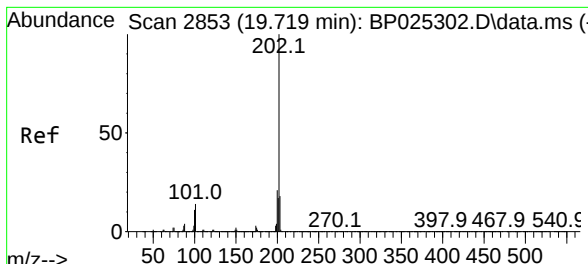
Delta R.T. -0.000 min

Lab File: BP025341.D

Acq: 08 Aug 2025 20:47

Tgt Ion:240	Resp: 1220341
Ion Ratio	Lower Upper
240	100
120	13.3 9.6 14.4
236	25.9 20.4 30.6





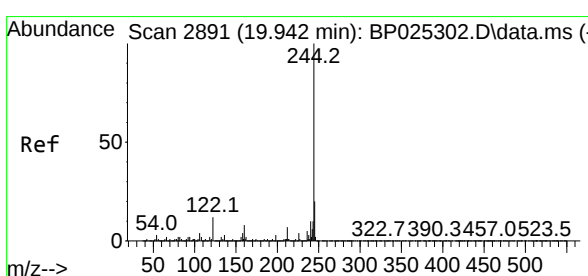
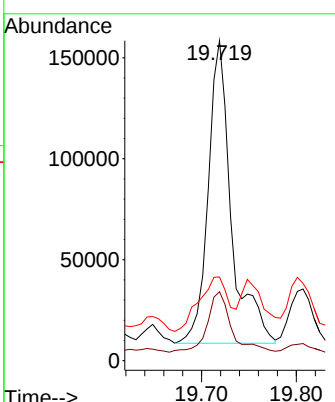
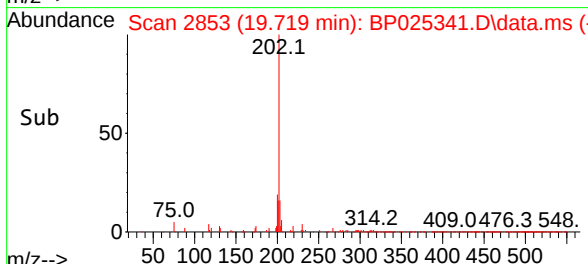
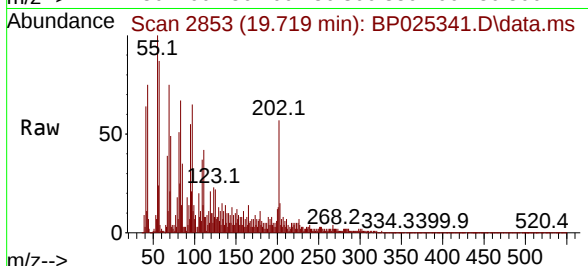
#78
 Pyrene
 Concen: 3.154 ng
 RT: 19.719 min Scan# 2853
 Delta R.T. -0.000 min
 Lab File: BP025341.D
 Acq: 08 Aug 2025 20:47

Instrument : BNA_P
 ClientSampleId : LIQUID-DRUM

Tgt Ion:	202	Resp:	25598
Ion Ratio	Lower	Upper	
202	100		
200	21.6	16.7	25.1
203	26.2	14.1	21.1

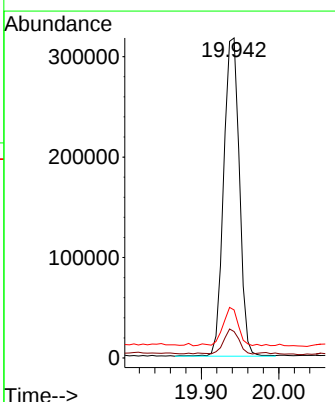
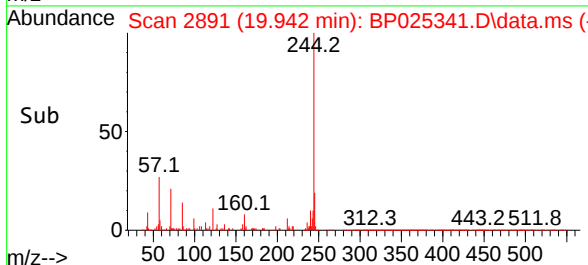
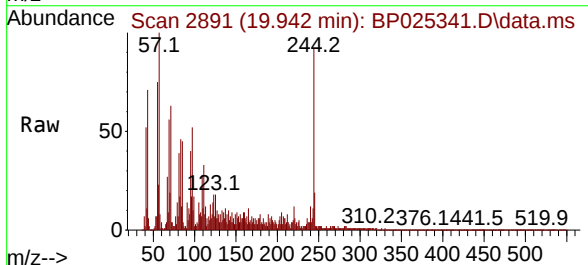
Manual Integrations
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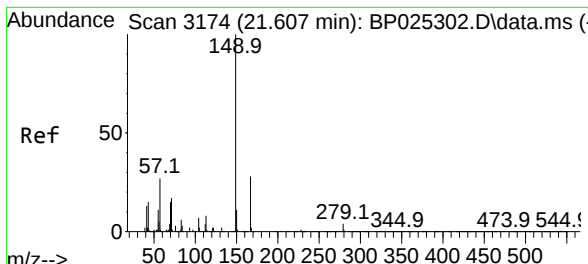
Reviewed By :Rahul Chavli 08/11/2025
 Supervised By :Jagrut Upadhyay 08/11/2025



#79
 Terphenyl-d14
 Concen: 6.931 ng
 RT: 19.942 min Scan# 2891
 Delta R.T. 0.000 min
 Lab File: BP025341.D
 Acq: 08 Aug 2025 20:47

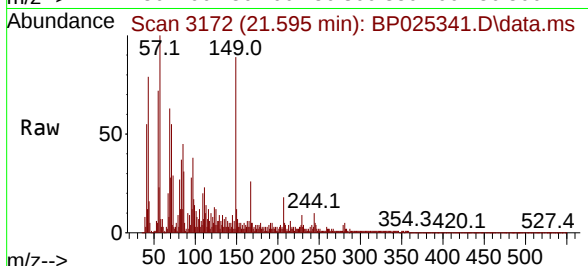
Tgt Ion:	244	Resp:	447787
Ion Ratio	Lower	Upper	
244	100		
212	8.2	5.9	8.9
122	15.0	9.5	14.3





#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.657 ng
 RT: 21.595 min Scan# 3172
 Delta R.T. -0.012 min
 Lab File: BP025341.D
 Acq: 08 Aug 2025 20:47

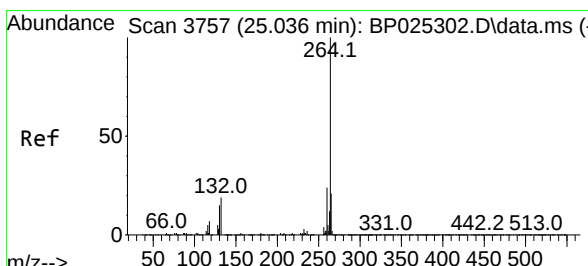
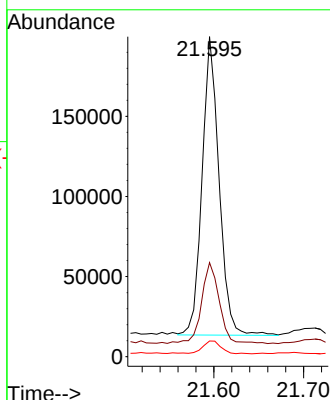
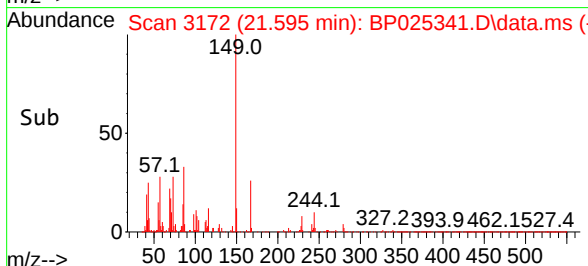
Instrument :
 BNA_P
 ClientSampleId :
 LIQUID-DRUM



Tgt Ion:	149	Resp:	24472
Ion Ratio	Lower	Upper	
149	100		
167	29.4	22.1	33.1
279	4.9	3.4	5.2

Manual Integrations
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Reviewed By :Rahul Chavli 08/11/2025
 Supervised By :Jagrut Upadhyay 08/11/2025



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.089 min Scan# 3766
 Delta R.T. 0.053 min
 Lab File: BP025341.D
 Acq: 08 Aug 2025 20:47

Tgt Ion:	264	Resp:	1394163
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	22.4	17.1	25.7

