

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121025\
 Data File : BG064924.D
 Acq On : 10 Dec 2025 17:10
 Operator : RC/JU
 Sample : Q3814-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/11/2025
 Supervised By :Sohil Jodhani 12/12/2025

Quant Time: Dec 10 17:53:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.155	152	16859	20.000	ng	-0.01
21) Naphthalene-d8	10.969	136	60335	20.000	ng	#-0.02
39) Acenaphthene-d10	14.765	164	51887	20.000	ng	-0.01
64) Phenanthrene-d10	17.491	188	145824	20.000	ng	#-0.01
76) Chrysene-d12	21.745	240	207077	20.000	ng	#-0.01
86) Perylene-d12	24.994	264	229032	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	80518	83.399	ng	-0.01
7) Phenol-d6	7.297	99	101391	78.959	ng	-0.01
23) Nitrobenzene-d5	9.312	82	66251	54.291	ng	-0.02
42) 2,4,6-Tribromophenol	16.239	330	117581	116.192	ng	-0.01
45) 2-Fluorobiphenyl	13.396	172	210997m	56.741	ng	-0.01
79) Terphenyl-d14	20.082	244	609411	57.890	ng	-0.01

Target Compounds Qvalue

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

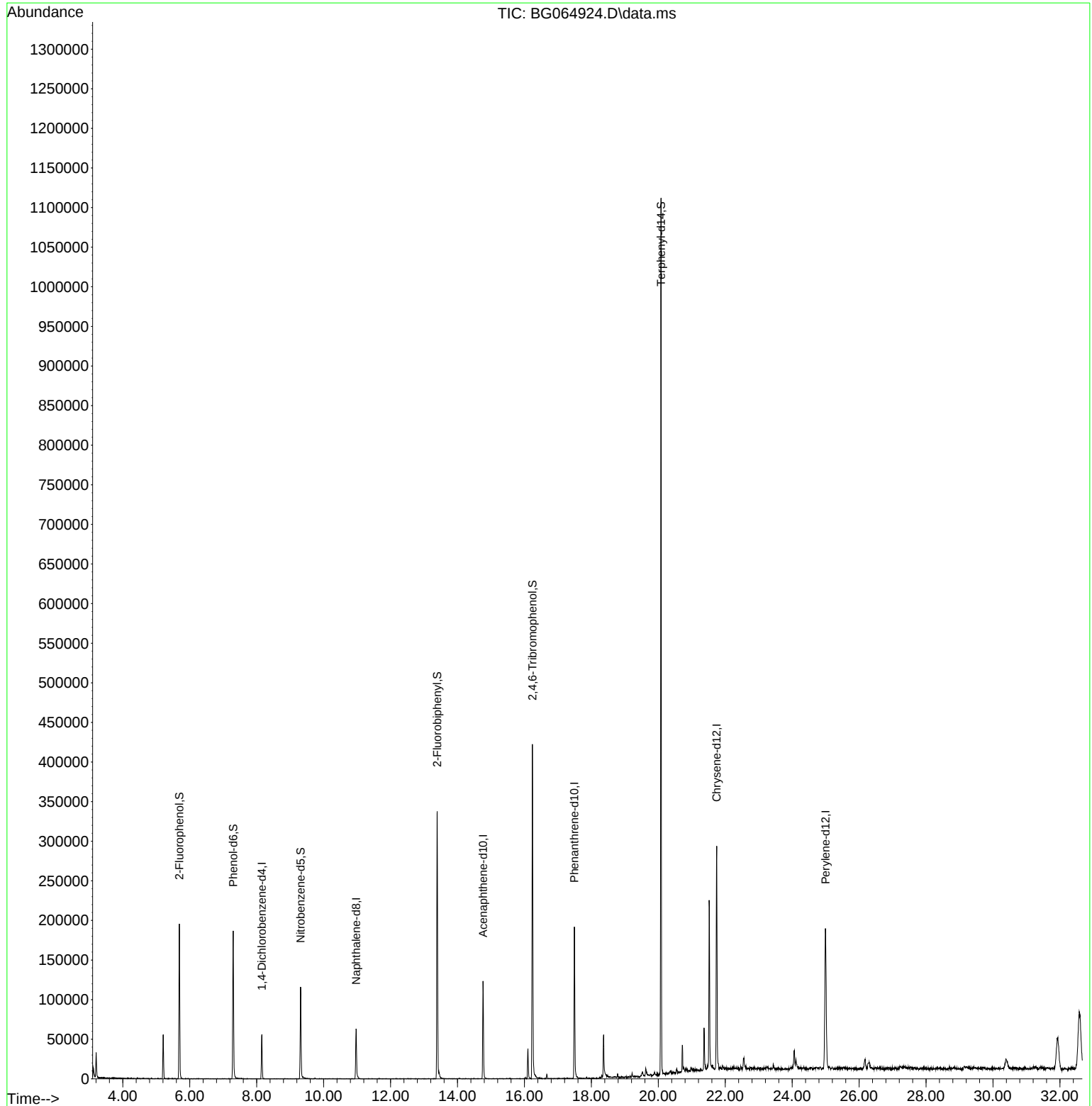
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Data File : BG064924.D
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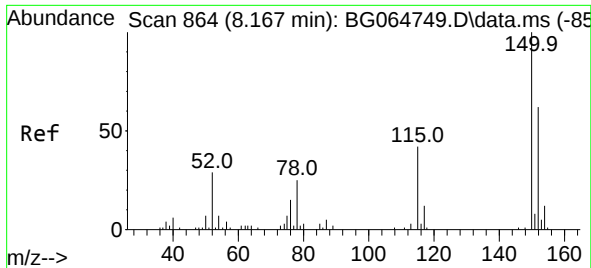
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
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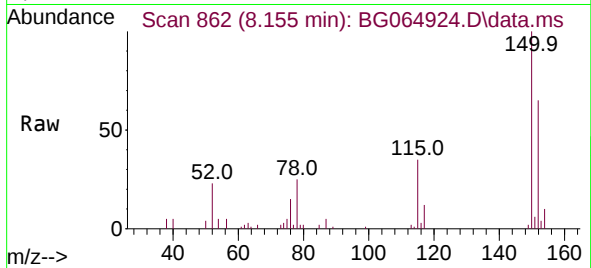
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.155 min Scan# 862
Delta R.T. -0.012 min
Lab File: BG064924.D
Acq: 10 Dec 2025 17:10

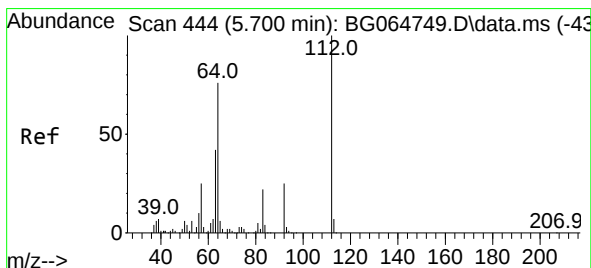
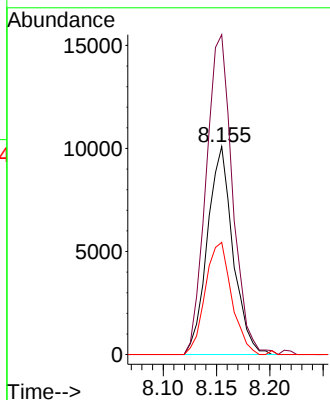
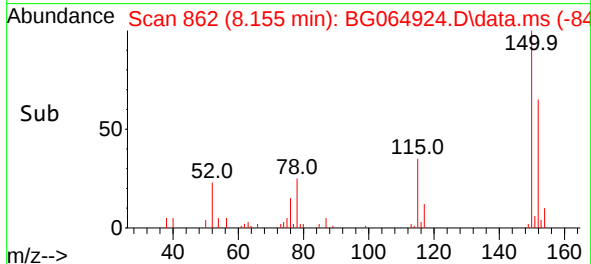
Instrument :
BNA_G
ClientSampleId :
TP-9



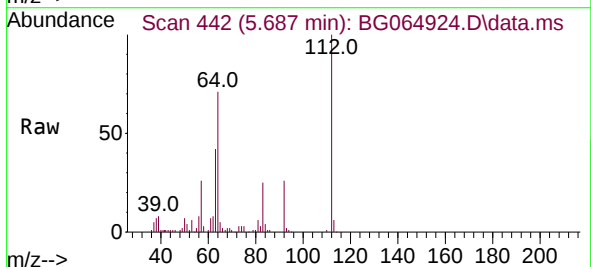
Tgt Ion:152 Resp: 16859
Ion Ratio Lower Upper
152 100
150 153.8 129.2 193.8
115 53.9 53.7 80.5

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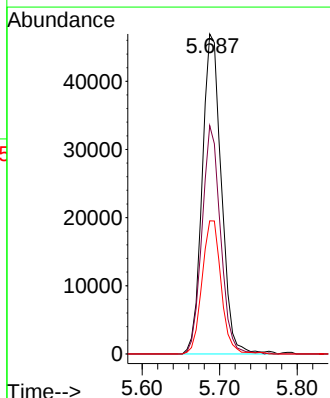
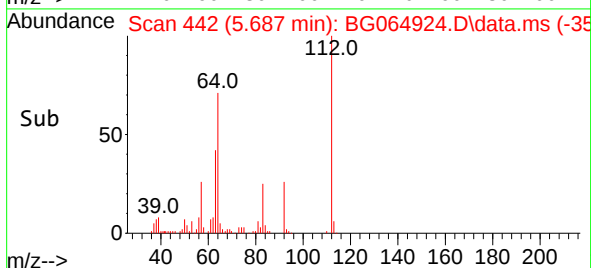
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

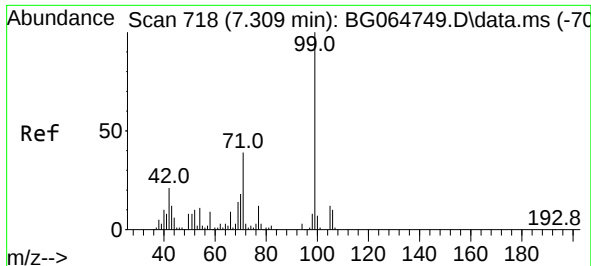


#5
2-Fluorophenol
Concen: 83.399 ng
RT: 5.687 min Scan# 442
Delta R.T. -0.012 min
Lab File: BG064924.D
Acq: 10 Dec 2025 17:10



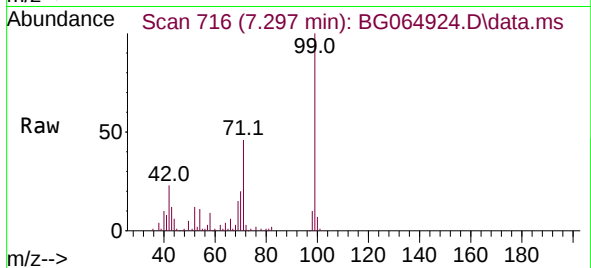
Tgt Ion:112 Resp: 80518
Ion Ratio Lower Upper
112 100
64 71.3 61.0 91.4
63 41.6 33.3 49.9





#7
Phenol-d6
Concen: 78.959 ng
RT: 7.297 min Scan# 716
Delta R.T. -0.012 min
Lab File: BG064924.D
Acq: 10 Dec 2025 17:10

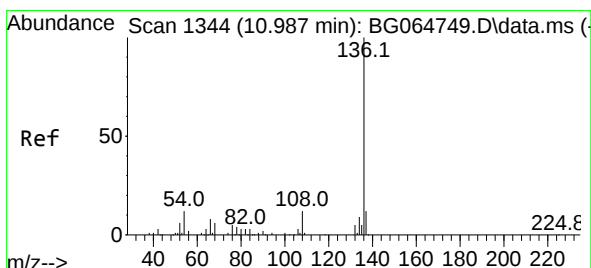
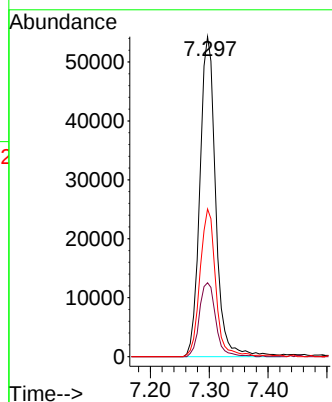
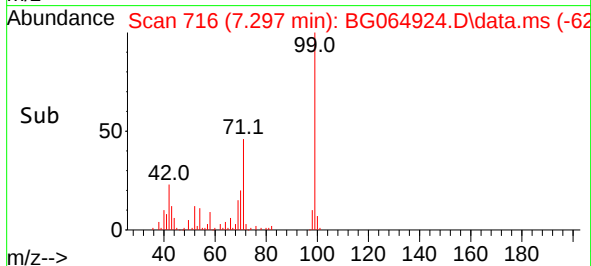
Instrument :
BNA_G
ClientSampleId :
TP-9



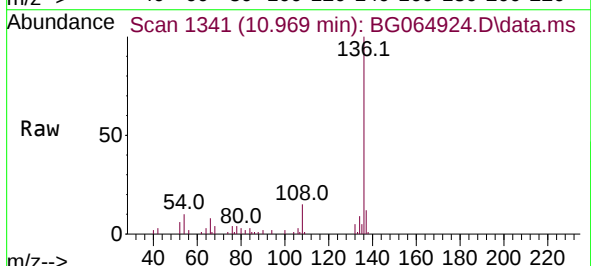
Tgt Ion: 99 Resp: 101391
Ion Ratio Lower Upper
99 100
42 23.1 16.8 25.2
71 46.1 31.1 46.7

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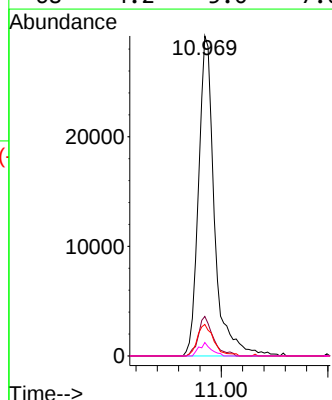
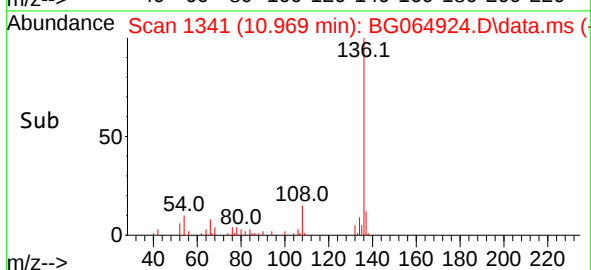
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

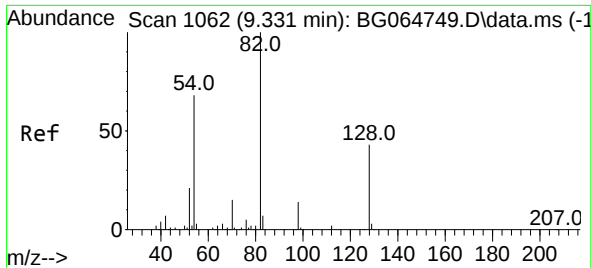


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.969 min Scan# 1341
Delta R.T. -0.018 min
Lab File: BG064924.D
Acq: 10 Dec 2025 17:10



Tgt Ion:136 Resp: 60335
Ion Ratio Lower Upper
136 100
137 12.3 9.3 13.9
54 9.9 9.3 13.9
68 4.2 5.0 7.6#





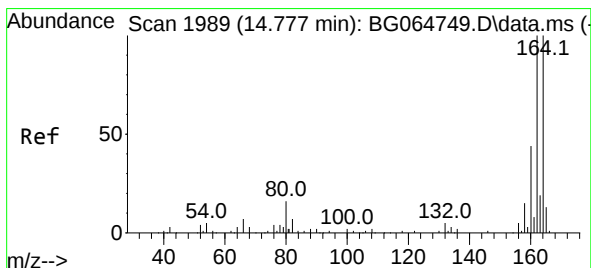
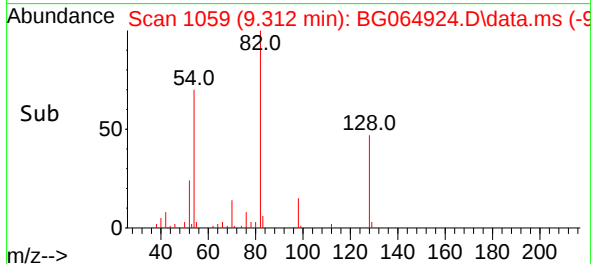
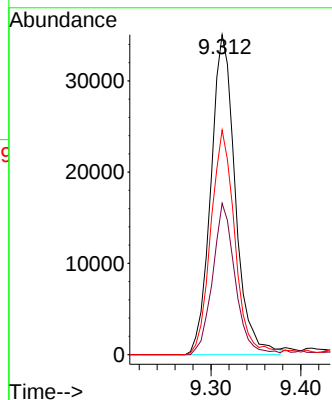
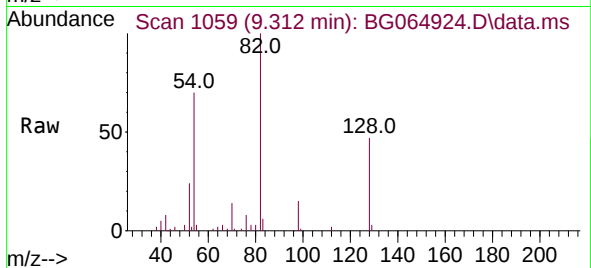
#23
Nitrobenzene-d5
Concen: 54.291 ng
RT: 9.312 min Scan# 1062
Delta R.T. -0.018 min
Lab File: BG064924.D
Acq: 10 Dec 2025 17:10

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 82 Resp: 6625
Ion Ratio Lower Upper
82 100
128 47.3 34.1 51.1
54 70.2 54.3 81.5

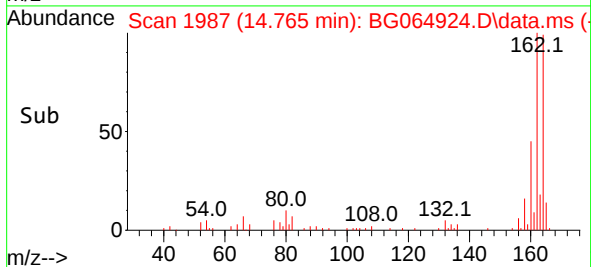
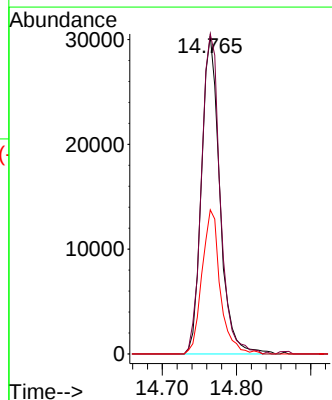
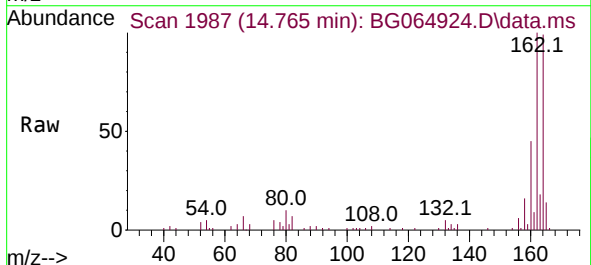
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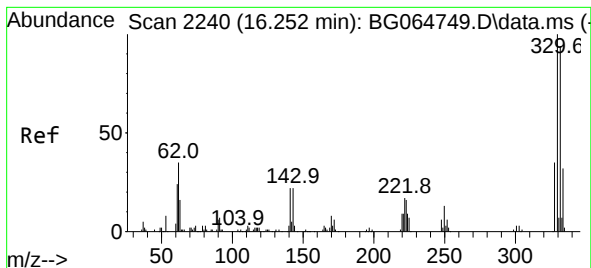
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.765 min Scan# 1987
Delta R.T. -0.012 min
Lab File: BG064924.D
Acq: 10 Dec 2025 17:10

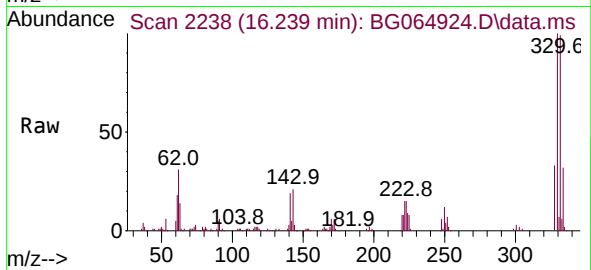
Tgt Ion:164 Resp: 51887
Ion Ratio Lower Upper
164 100
162 100.6 79.8 119.6
160 45.3 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 116.192 ng
RT: 16.239 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG064924.D
Acq: 10 Dec 2025 17:10

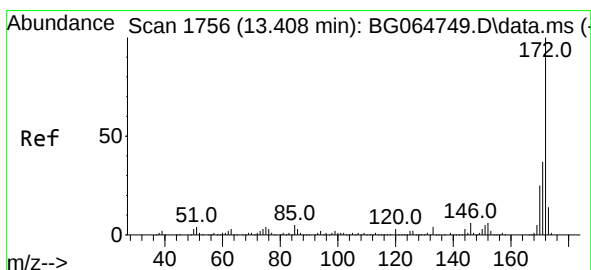
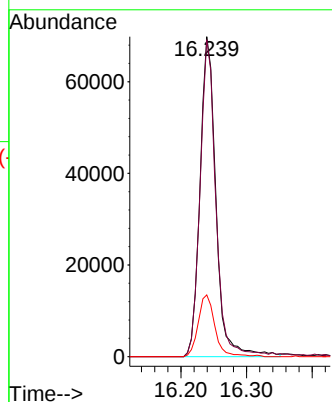
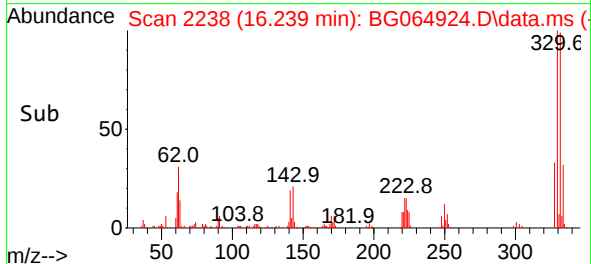
Instrument :
BNA_G
ClientSampleId :
TP-9



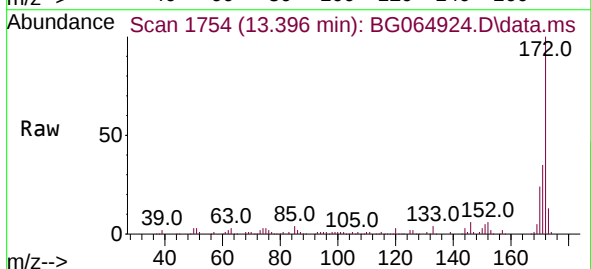
Tgt Ion:330 Resp: 11758
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 20.0 18.2 27.2

Manual Integrations
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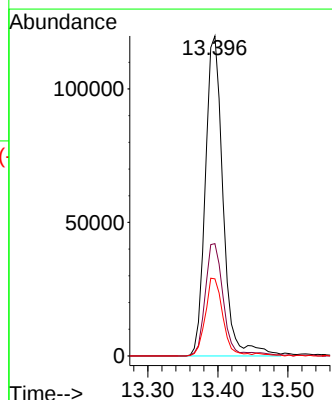
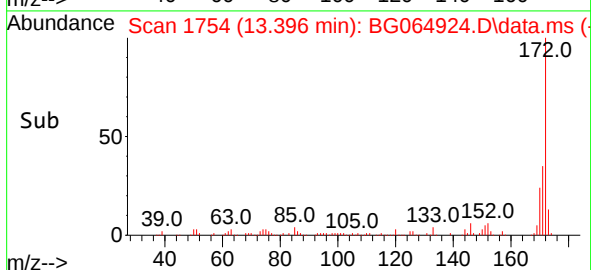
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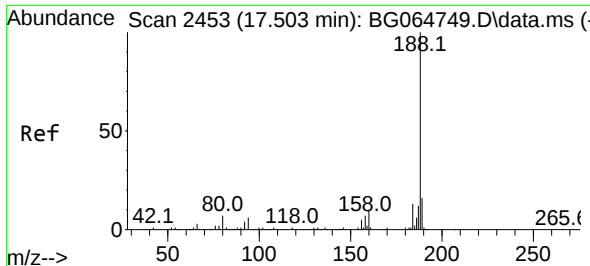


#45
2-Fluorobiphenyl
Concen: 56.741 ng m
RT: 13.396 min Scan# 1754
Delta R.T. -0.012 min
Lab File: BG064924.D
Acq: 10 Dec 2025 17:10



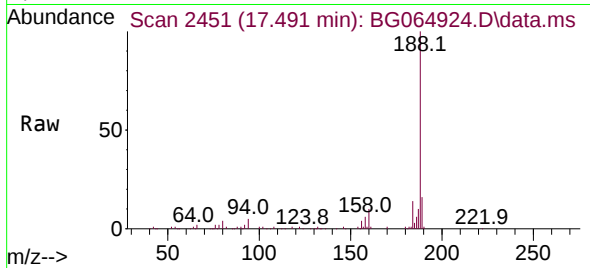
Tgt Ion:172 Resp: 210997
Ion Ratio Lower Upper
172 100
171 35.1 29.9 44.9
170 24.1 19.8 29.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.491 min Scan# 2453
Delta R.T. -0.012 min
Lab File: BG064924.D
Acq: 10 Dec 2025 17:10

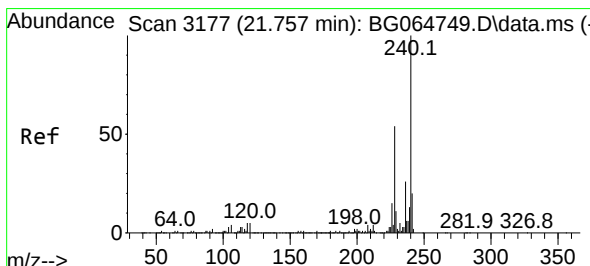
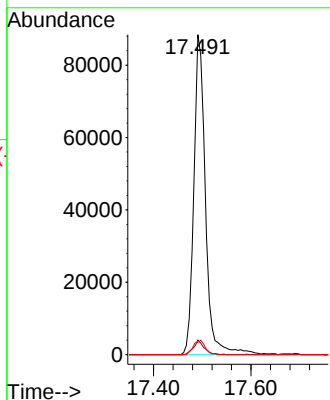
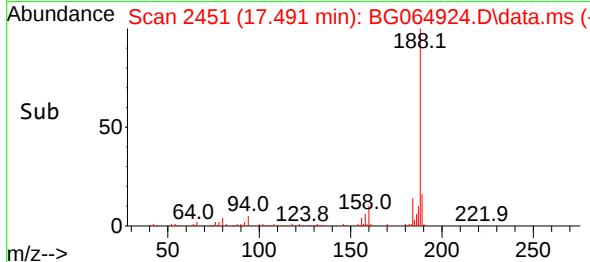
Instrument :
BNA_G
ClientSampleId :
TP-9



Tgt Ion:188 Resp: 145824
Ion Ratio Lower Upper
188 100
94 4.5 4.7 7.1
80 3.8 5.4 8.2

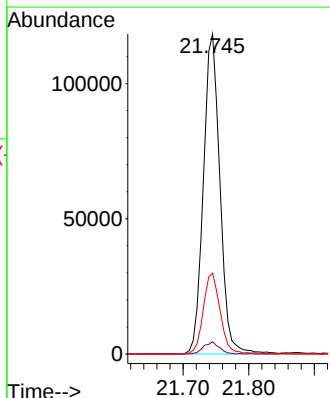
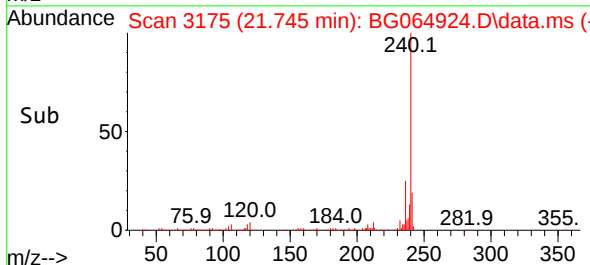
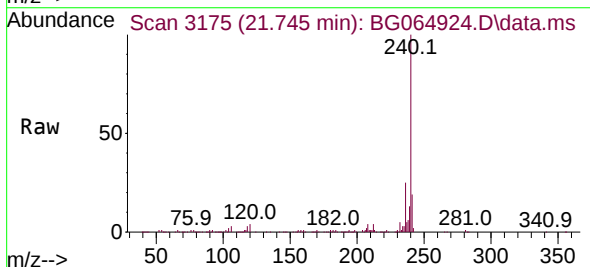
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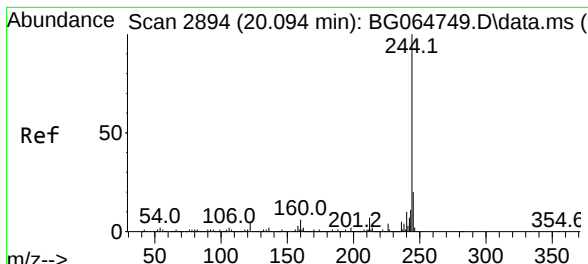
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.745 min Scan# 3175
Delta R.T. -0.012 min
Lab File: BG064924.D
Acq: 10 Dec 2025 17:10

Tgt Ion:240 Resp: 207077
Ion Ratio Lower Upper
240 100
120 3.8 4.2 6.4
236 25.2 20.8 31.2





#79
 Terphenyl-d14
 Concen: 57.890 ng
 RT: 20.082 min Scan# 2894
 Delta R.T. -0.012 min
 Lab File: BG064924.D
 Acq: 10 Dec 2025 17:10

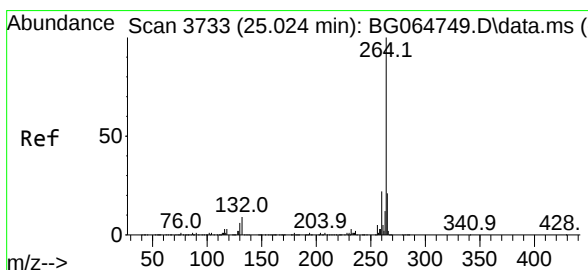
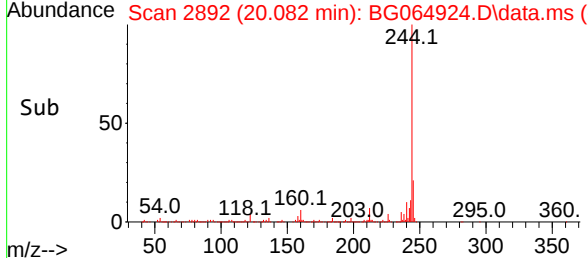
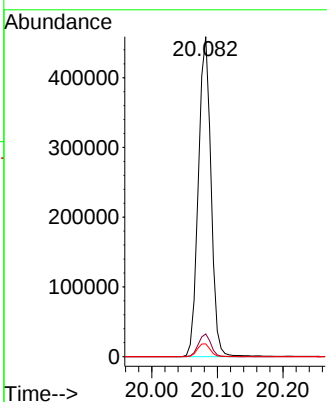
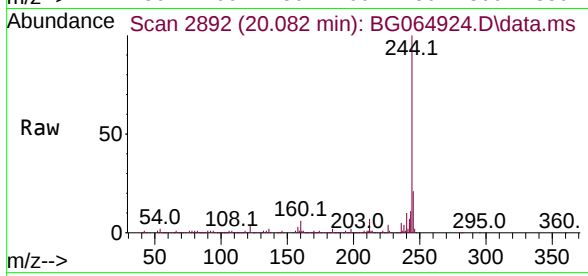
Instrument :
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Tgt Ion:244 Resp: 60941

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	4.0	4.3	6.5

Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/11/2025
 Supervised By :Sohil Jodhani 12/12/2025



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.994 min Scan# 3728
 Delta R.T. -0.030 min
 Lab File: BG064924.D
 Acq: 10 Dec 2025 17:10

Tgt Ion:264 Resp: 229032

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.2	25.8
265	22.0	16.6	25.0

