

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
 Data File : BN038237.D
 Acq On : 01 Dec 2025 22:05
 Operator : RC/JU
 Sample : PB170590BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170590BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

Quant Time: Dec 02 01:10:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 28 21:04:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	9117	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	25112	0.400	ng	#-0.01
13) Acenaphthene-d10	14.430	164	10775	0.400	ng	0.00
19) Phenanthrene-d10	17.173	188	15967	0.400	ng	#-0.01
29) Chrysene-d12	21.366	240	14394	0.400	ng	0.00
35) Perylene-d12	23.674	264	16168	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	9197	0.432	ng	0.00
5) Phenol-d6	6.930	99	10150	0.381	ng	0.00
8) Nitrobenzene-d5	8.918	82	8548	0.426	ng	0.00
11) 2-Methylnaphthalene-d10	12.162	152	13361m	0.375	ng	0.00
14) 2,4,6-Tribromophenol	15.920	330	1322	0.390	ng	-0.01
15) 2-Fluorobiphenyl	13.041	172	20282	0.487	ng	-0.01
27) Fluoranthene-d10	19.215	212	15069	0.435	ng	0.00
31) Terphenyl-d14	19.815	244	12252	0.369	ng	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.254	88	3127	0.326	ng	# 63
3) n-Nitrosodimethylamine	3.557	42	4554	0.384	ng	# 92
6) bis(2-Chloroethyl)ether	7.183	93	9789	0.384	ng	96
9) Naphthalene	10.616	128	25718	0.369	ng	100
10) Hexachlorobutadiene	10.915	225	4701	0.396	ng	# 98
12) 2-Methylnaphthalene	12.238	142	14101	0.307	ng	98
16) Acenaphthylene	14.142	152	19530	0.405	ng	99
17) Acenaphthene	14.484	154	11991	0.357	ng	98
18) Fluorene	15.478	166	14689	0.338	ng	99
20) 4,6-Dinitro-2-methylph...	15.560	198	154	0.263	ng	# 32
21) 4-Bromophenyl-phenylether	16.379	248	4196	0.379	ng	97
22) Hexachlorobenzene	16.491	284	4745	0.349	ng	99
23) Atrazine	16.640	200	3106	0.440	ng	# 92
24) Pentachlorophenol	16.838	266	3407	0.914	ng	99
25) Phenanthrene	17.223	178	18519	0.369	ng	100
26) Anthracene	17.310	178	16913	0.395	ng	99
28) Fluoranthene	19.243	202	20125	0.417	ng	98
30) Pyrene	19.606	202	25986	0.361	ng	# 78
32) Benzo(a)anthracene	21.349	228	20794	0.427	ng	96
33) Chrysene	21.402	228	21620	0.376	ng	95
34) Bis(2-ethylhexyl)phtha...	21.286	149	15644	0.586	ng	98
36) Indeno(1,2,3-cd)pyrene	26.022	276	29356	0.392	ng	97
37) Benzo(b)fluoranthene	22.975	252	22824	0.344	ng	96
38) Benzo(k)fluoranthene	23.022	252	24101	0.349	ng	96
39) Benzo(a)pyrene	23.572	252	21857	0.393	ng	99
40) Dibenzo(a,h)anthracene	26.042	278	22900	0.404	ng	96
41) Benzo(g,h,i)perylene	26.741	276	24599	0.363	ng	97

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

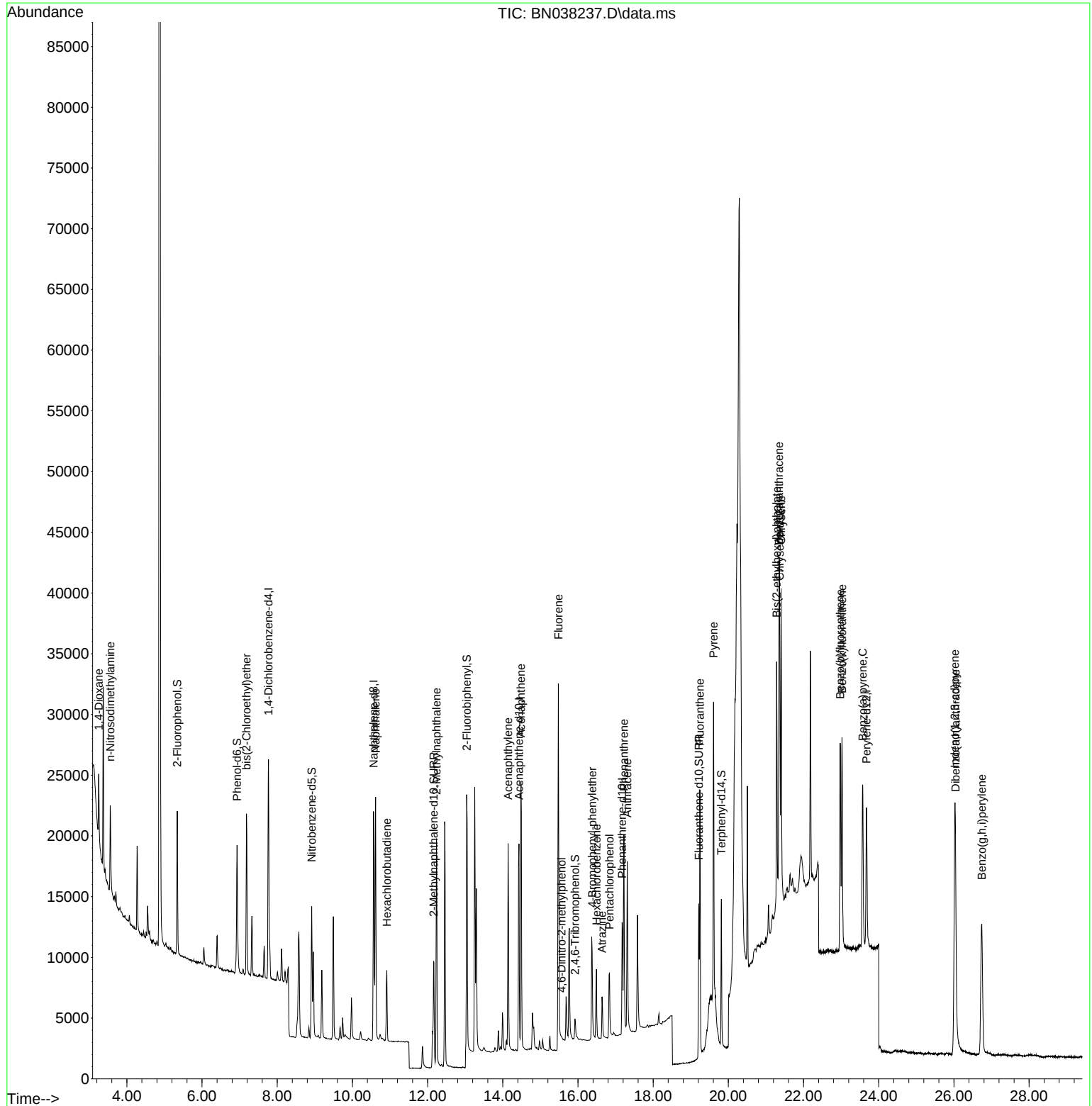
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
Data File : BN038237.D
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Quant Time: Dec 02 01:10:21 2025
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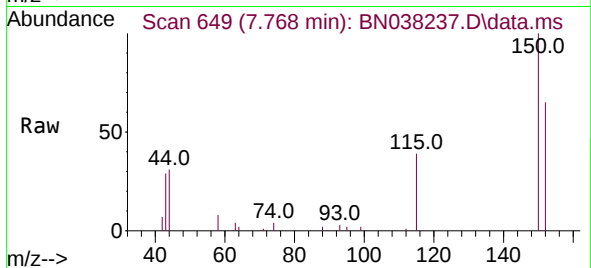
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.768 min Scan# 649
 Delta R.T. -0.000 min
 Lab File: BN038237.D
 Acq: 01 Dec 2025 22:05

Instrument :

BNA_N

ClientSampleId :

PB170590BS

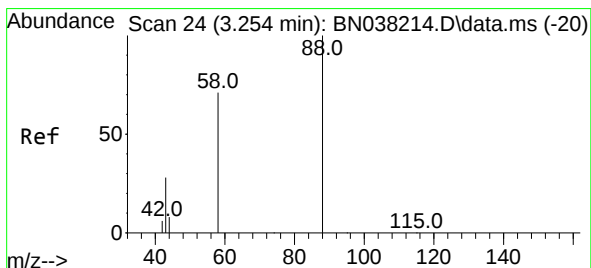
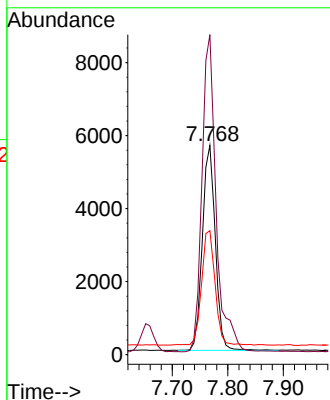
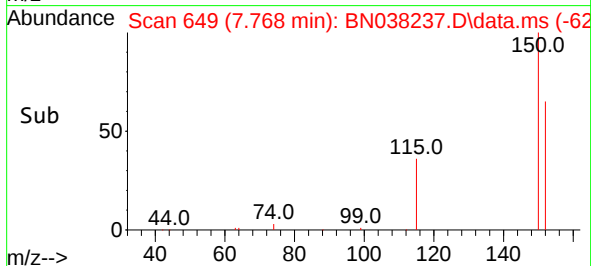


Tgt Ion:152 Resp: 9117
 Ion Ratio Lower Upper
 152 100
 150 153.0 125.3 187.9
 115 59.2 49.0 73.4

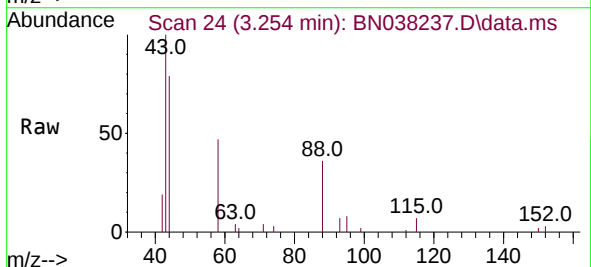
Manual Integrations

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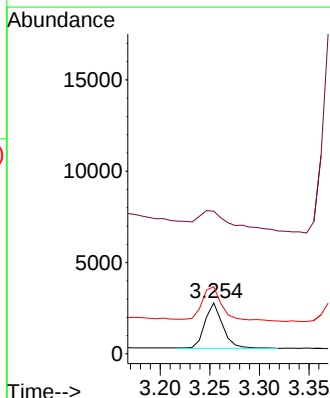
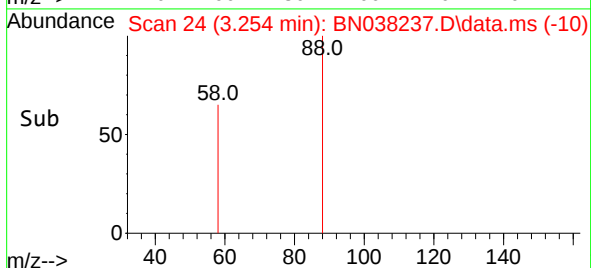
Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

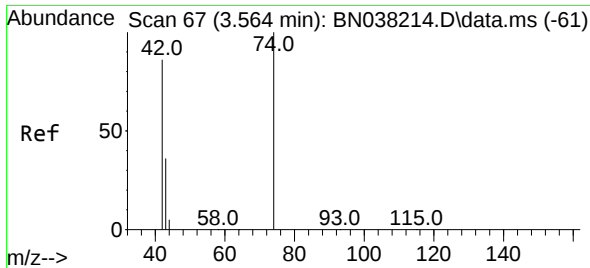


#2
 1,4-Dioxane
 Concen: 0.326 ng
 RT: 3.254 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN038237.D
 Acq: 01 Dec 2025 22:05



Tgt Ion: 88 Resp: 3127
 Ion Ratio Lower Upper
 88 100
 43 77.0 24.8 37.2#
 58 92.1 61.1 91.7#





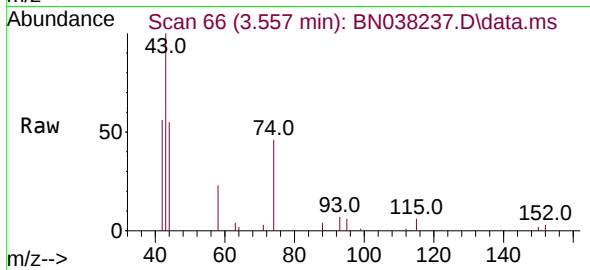
#3
n-Nitrosodimethylamine
Concen: 0.384 ng
RT: 3.557 min Scan# 60
Delta R.T. -0.007 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05

Instrument :

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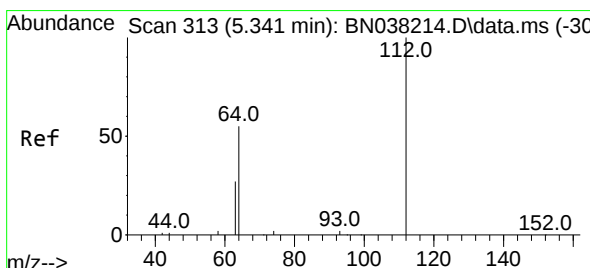
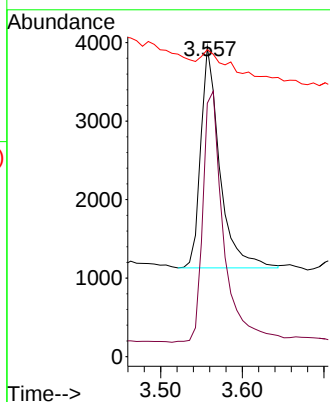
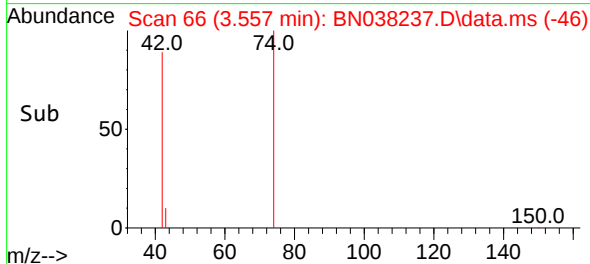


Tgt Ion: 42 Resp: 4554
Ion Ratio Lower Upper
42 100
74 124.4 96.2 144.2
44 30.0 8.0 12.0

Manual Integrations

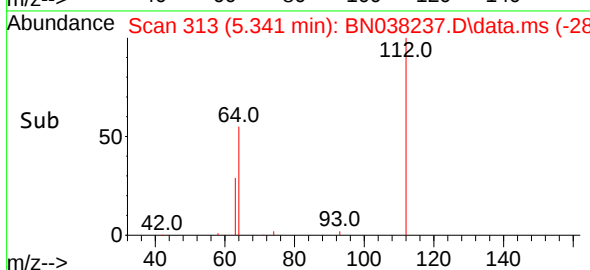
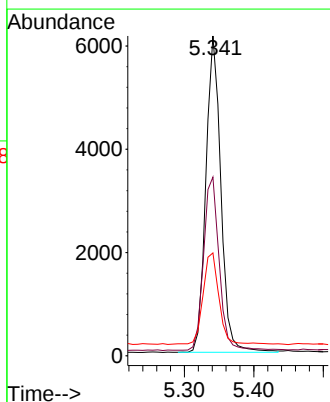
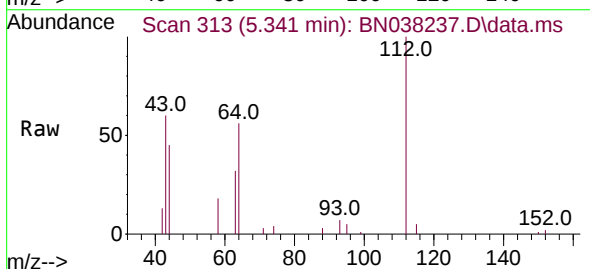
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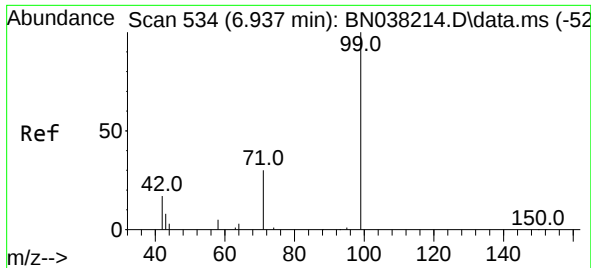
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#4
2-Fluorophenol
Concen: 0.432 ng
RT: 5.341 min Scan# 313
Delta R.T. 0.000 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05

Tgt Ion:112 Resp: 9197
Ion Ratio Lower Upper
112 100
64 57.0 45.0 67.4
63 31.2 23.2 34.8





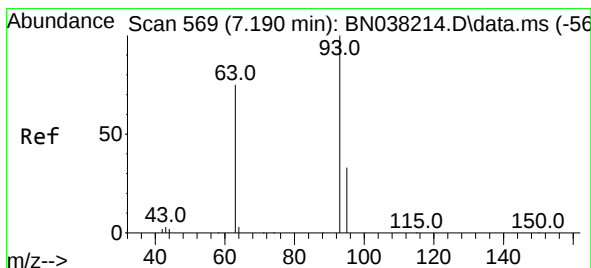
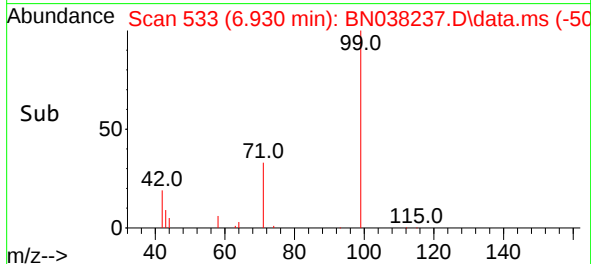
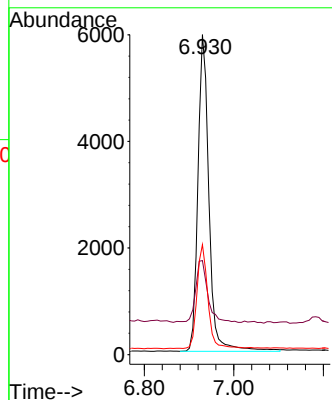
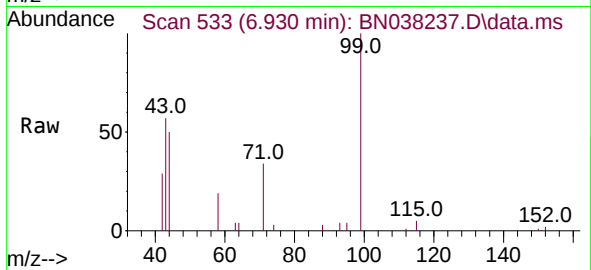
#5
Phenol-d6
Concen: 0.381 ng
RT: 6.930 min Scan# 534
Delta R.T. -0.007 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05

Instrument :
BNA_N
ClientSampleId :
PB170590BS

Tgt Ion: 99 Resp: 10150
Ion Ratio Lower Upper
99 100
42 22.1 17.0 25.6
71 32.8 25.4 38.2

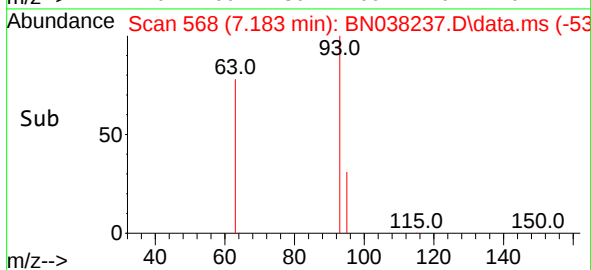
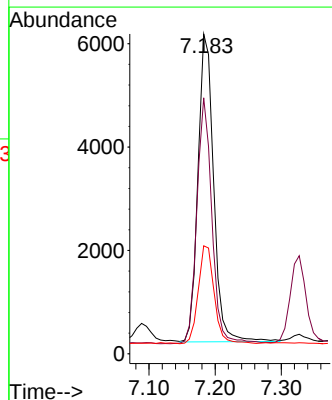
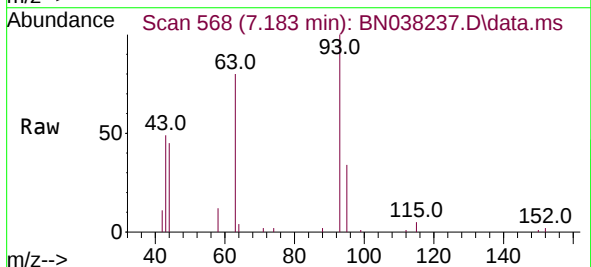
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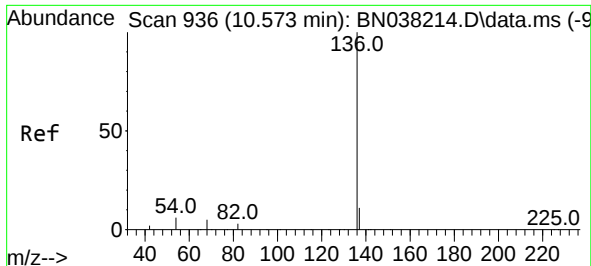
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#6
bis(2-Chloroethyl)ether
Concen: 0.384 ng
RT: 7.183 min Scan# 568
Delta R.T. -0.007 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05

Tgt Ion: 93 Resp: 9789
Ion Ratio Lower Upper
93 100
63 76.8 58.1 87.1
95 32.5 25.1 37.7





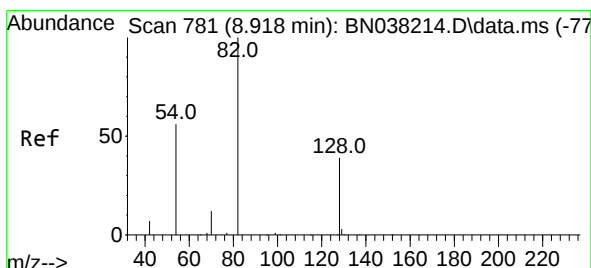
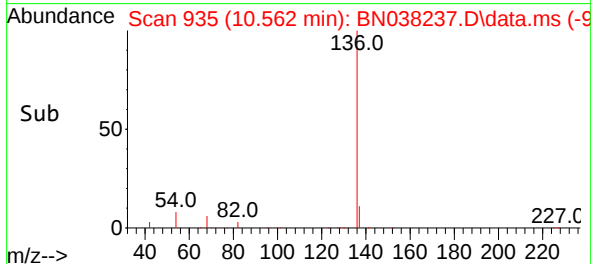
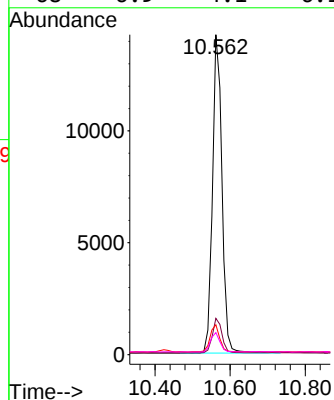
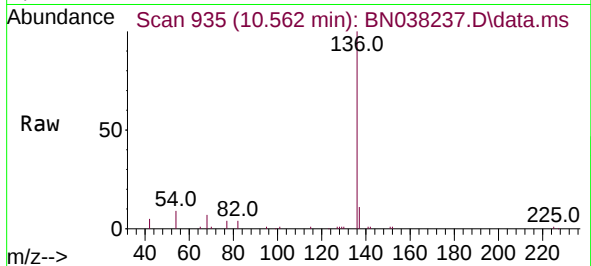
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 936
Delta R.T. -0.011 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05

Instrument :
BNA_N
ClientSampleId :
PB170590BS

Tgt Ion:	136	Resp:	2511
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	9.3	5.4	8.0
68	6.9	4.1	6.1

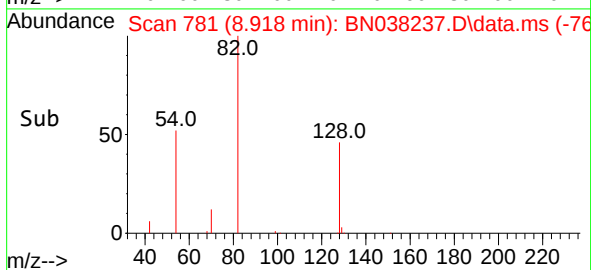
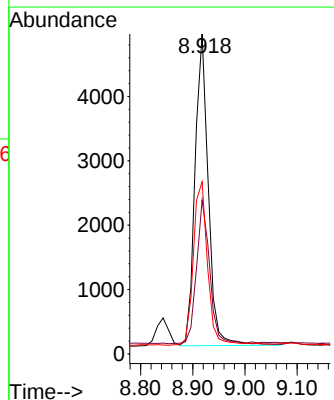
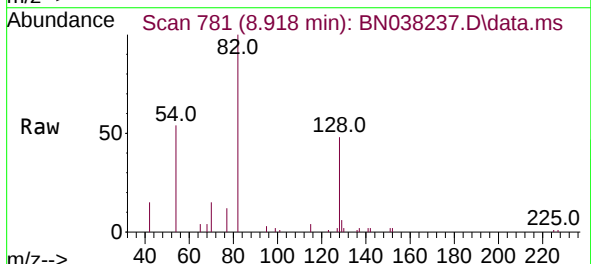
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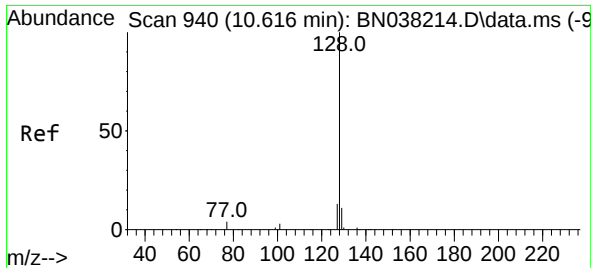
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#8
Nitrobenzene-d5
Concen: 0.426 ng
RT: 8.918 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05

Tgt Ion:	82	Resp:	8548
Ion Ratio	Lower	Upper	
82	100		
128	48.1	32.6	48.8
54	53.8	45.4	68.0





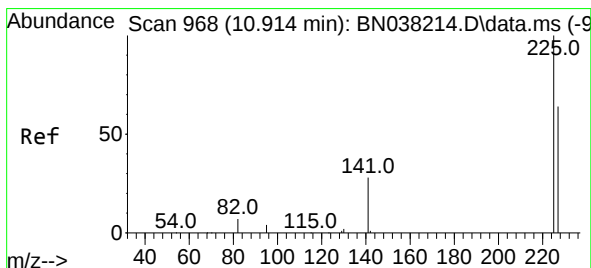
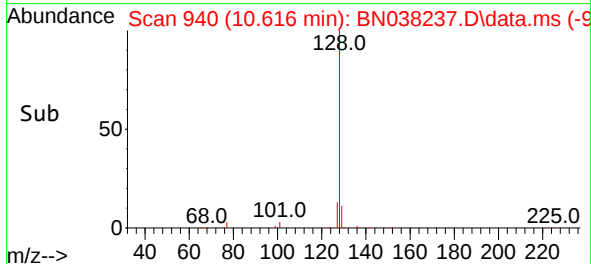
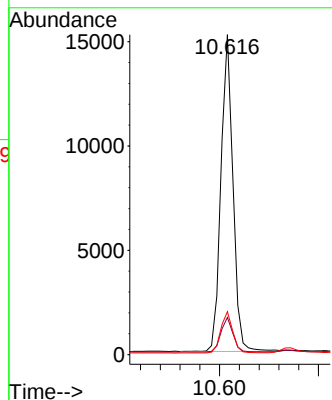
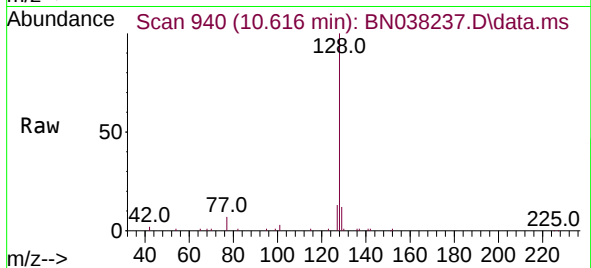
#9
Naphthalene
Concen: 0.369 ng
RT: 10.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05

Instrument :
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ClientSampleId :
PB170590BS

Tgt Ion:128 Resp: 25718
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.4 10.6 16.0

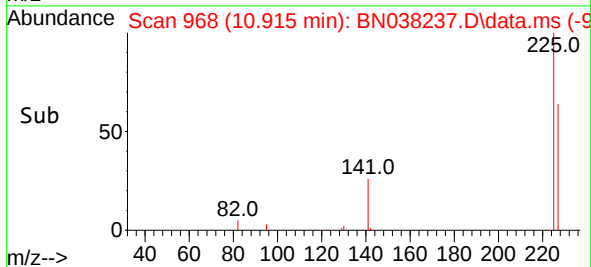
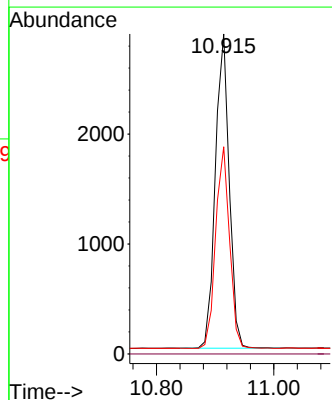
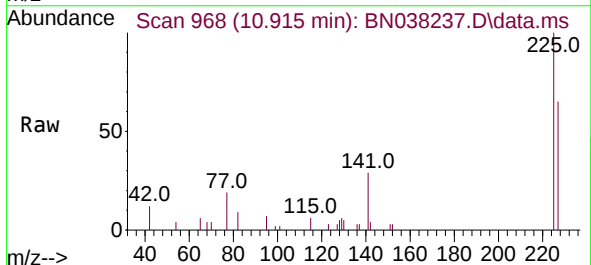
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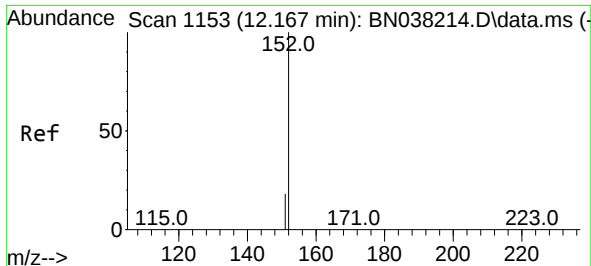
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#10
Hexachlorobutadiene
Concen: 0.396 ng
RT: 10.915 min Scan# 968
Delta R.T. 0.000 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05

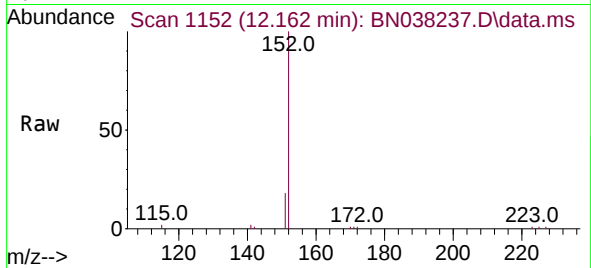
Tgt Ion:225 Resp: 4701
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.3 50.5 75.7





#11
2-Methylnaphthalene-d10
Concen: 0.375 ng m
RT: 12.162 min Scan# 1152
Delta R.T. -0.005 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05

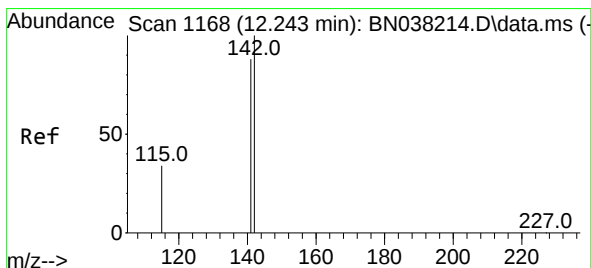
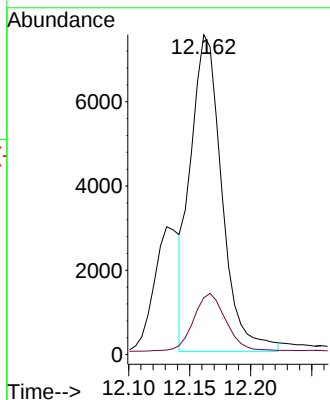
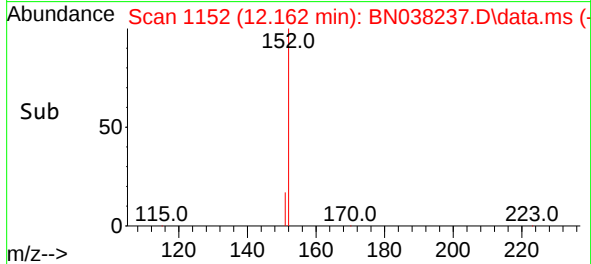
Instrument :
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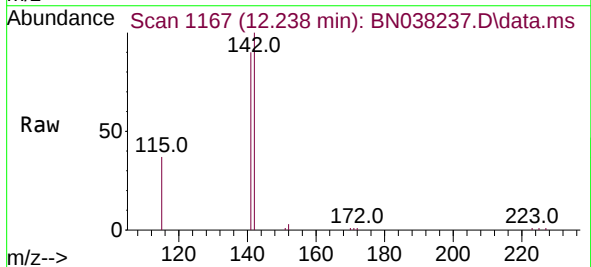
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Ion Ratio Lower Upper
152 100
151 19.3 16.7 25.1

Manual Integrations
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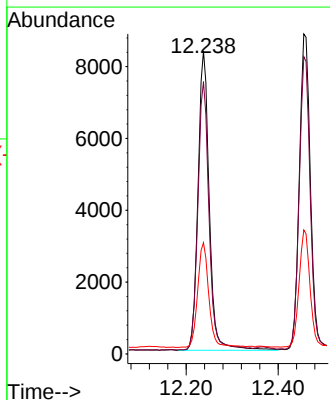
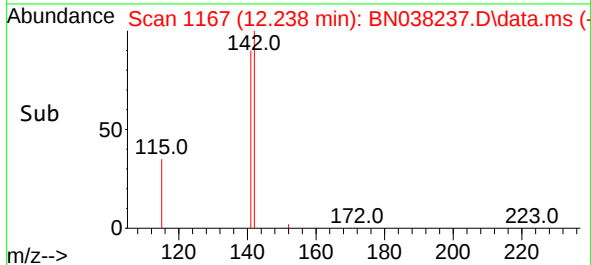
Reviewed By :Jagrut Upadhyay 12/02/2025
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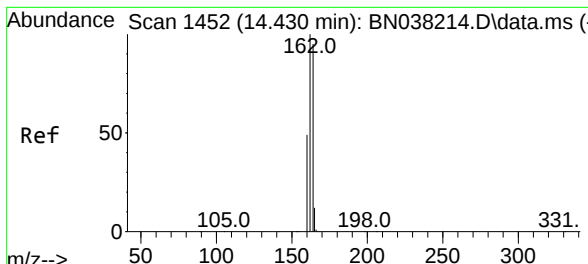


#12
2-Methylnaphthalene
Concen: 0.307 ng
RT: 12.238 min Scan# 1167
Delta R.T. -0.005 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05



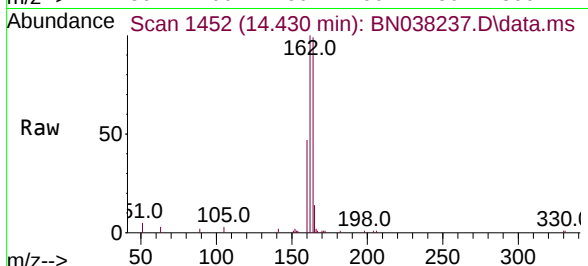
Tgt Ion:142 Resp: 14101
Ion Ratio Lower Upper
142 100
141 89.9 70.9 106.3
115 36.7 27.7 41.5





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05

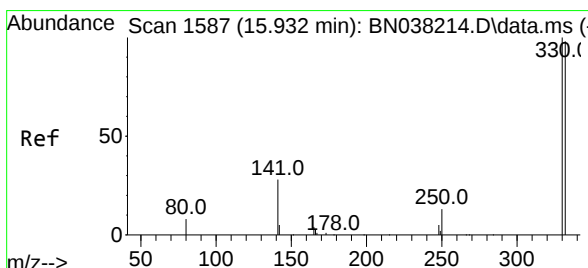
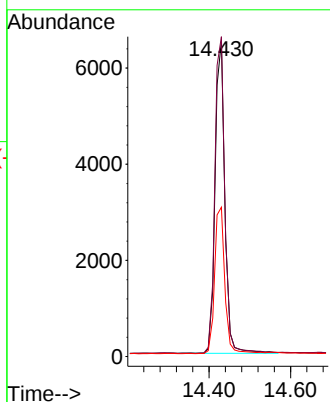
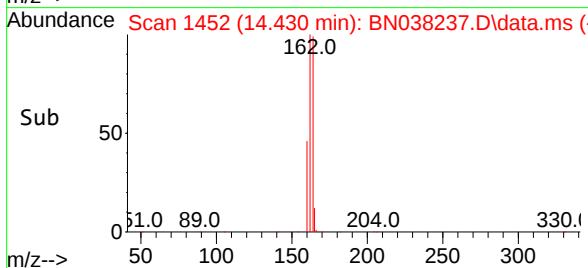
Instrument :
BNA_N
ClientSampleId :
PB170590BS



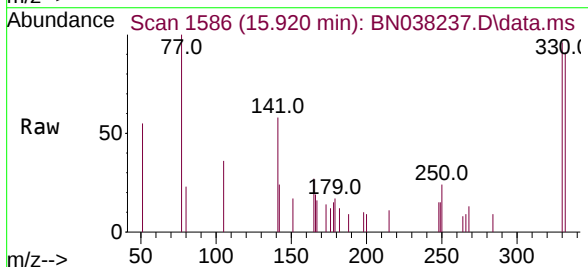
Tgt Ion:164 Resp: 10775
Ion Ratio Lower Upper
164 100
162 101.4 83.8 125.8
160 47.3 41.6 62.4

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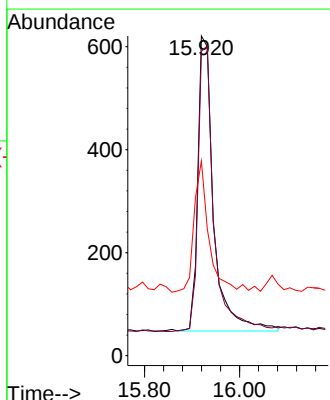
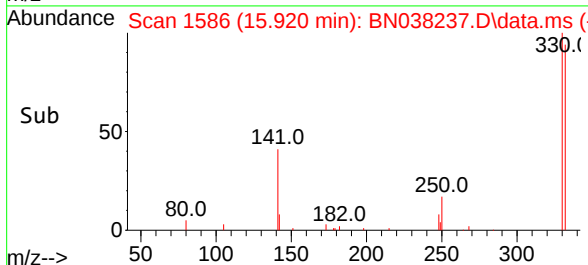
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

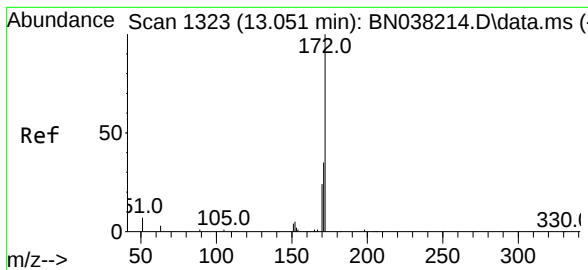


#14
2,4,6-Tribromophenol
Concen: 0.390 ng
RT: 15.920 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05



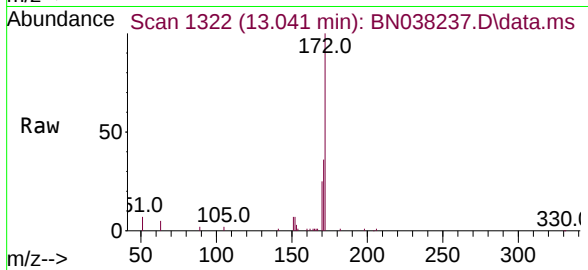
Tgt Ion:330 Resp: 1322
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.6
141 40.7 33.0 49.4





#15
2-Fluorobiphenyl
Concen: 0.487 ng
RT: 13.041 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05

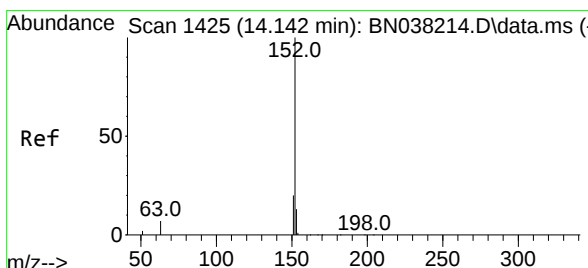
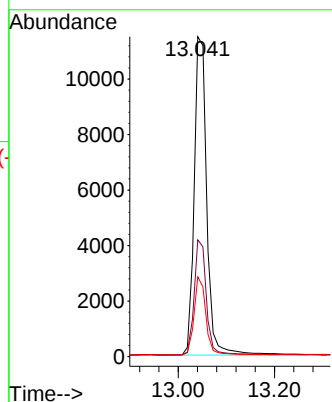
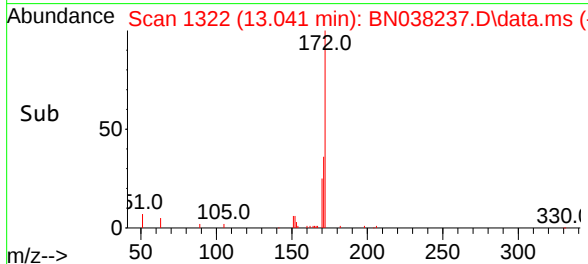
Instrument :
BNA_N
ClientSampleId :
PB170590BS



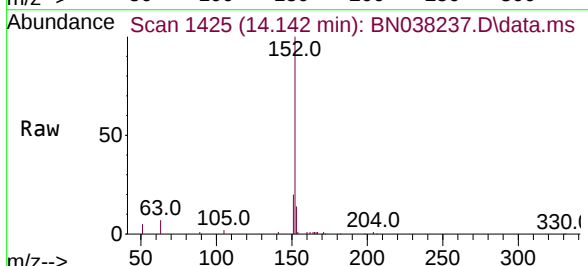
Tgt Ion:172 Resp: 20282
Ion Ratio Lower Upper
172 100
171 36.5 28.1 42.1
170 24.9 19.1 28.7

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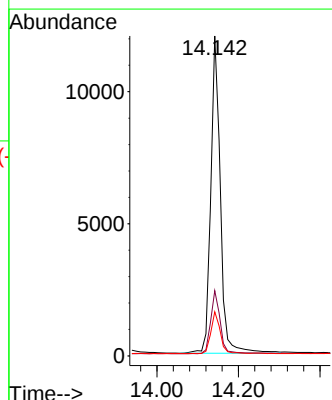
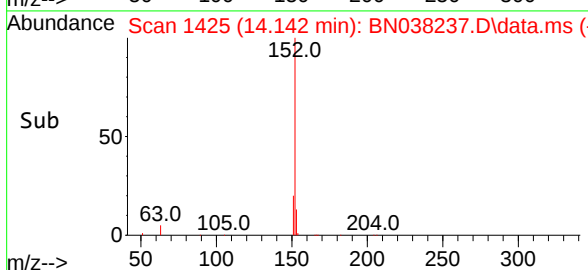
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

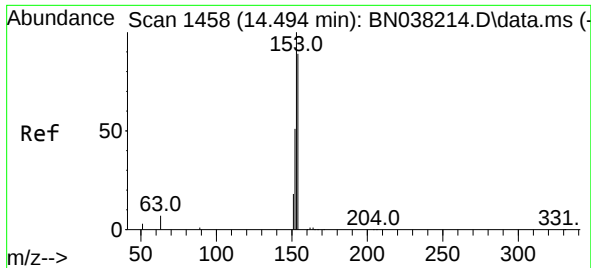


#16
Acenaphthylene
Concen: 0.405 ng
RT: 14.142 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05



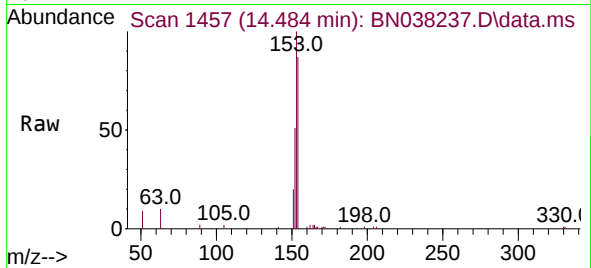
Tgt Ion:152 Resp: 19530
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 12.8 10.6 15.8





#17
Acenaphthene
Concen: 0.357 ng
RT: 14.484 min Scan# 1458
Delta R.T. -0.011 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05

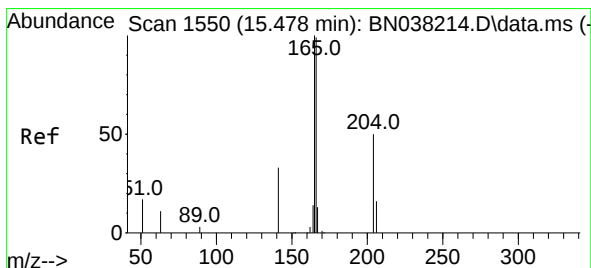
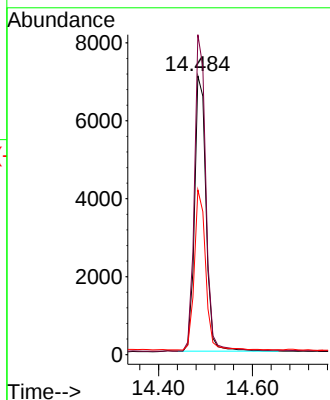
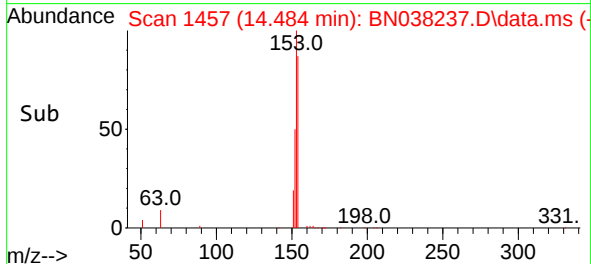
Instrument :
BNA_N
ClientSampleId :
PB170590BS



Tgt Ion:154 Resp: 11991
Ion Ratio Lower Upper
154 100
153 115.2 91.1 136.7
152 57.3 48.2 72.2

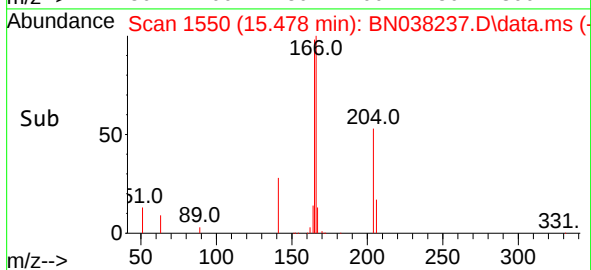
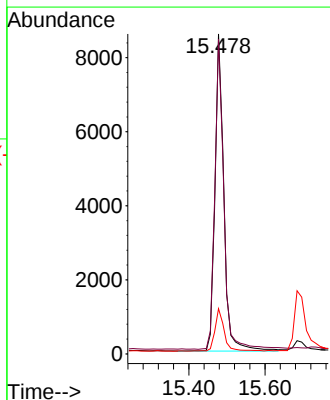
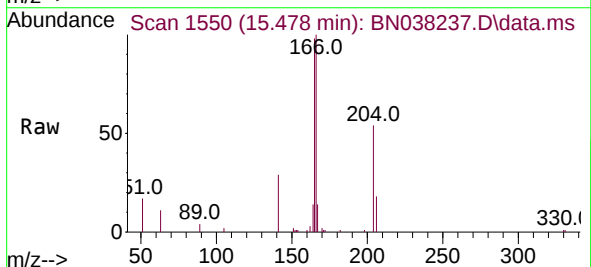
Manual Integrations
APPROVED

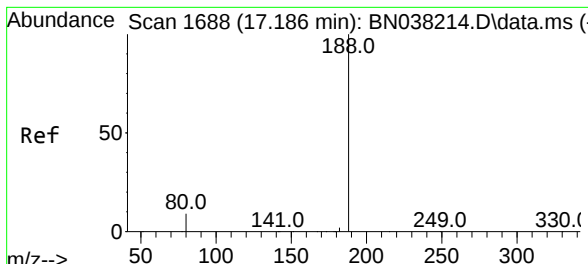
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#18
Fluorene
Concen: 0.338 ng
RT: 15.478 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05

Tgt Ion:166 Resp: 14689
Ion Ratio Lower Upper
166 100
165 99.0 78.7 118.1
167 13.5 10.9 16.3





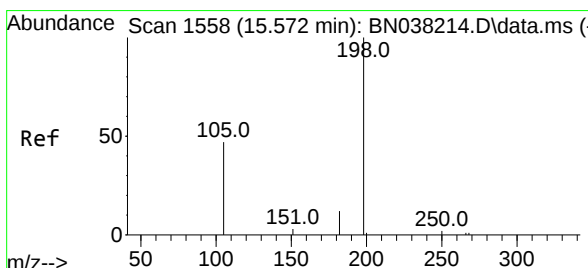
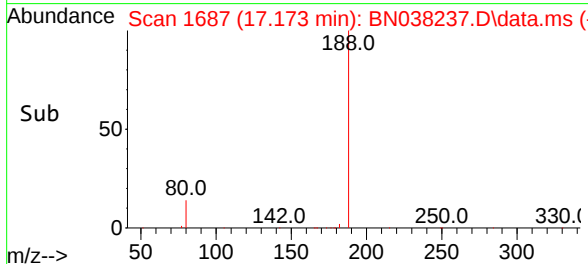
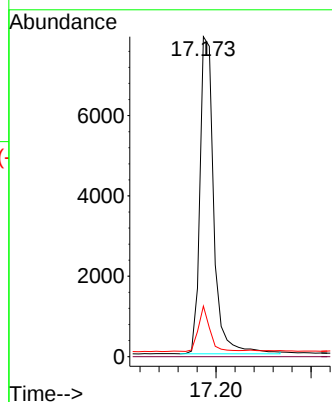
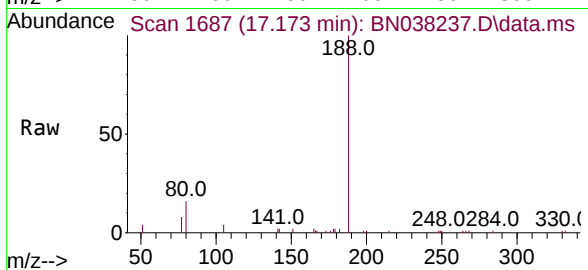
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.173 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05

Instrument :
BNA_N
ClientSampleId :
PB170590BS

Tgt Ion:188 Resp: 15962
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.8 7.7 11.5

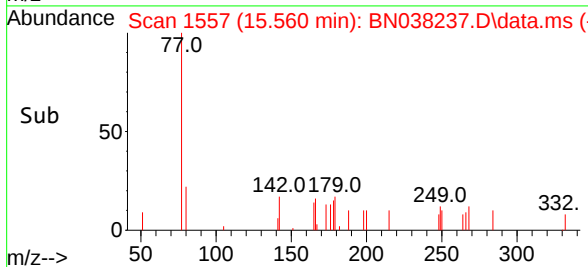
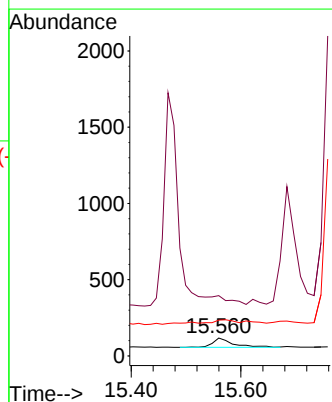
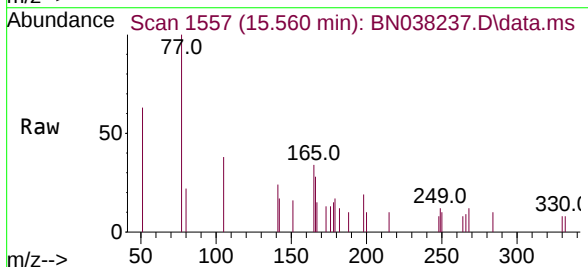
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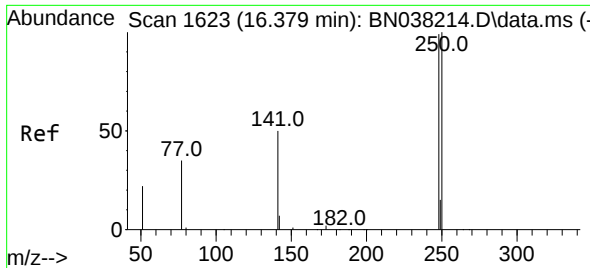
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#20
4,6-Dinitro-2-methylphenol
Concen: 0.263 ng
RT: 15.560 min Scan# 1557
Delta R.T. -0.012 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05

Tgt Ion:198 Resp: 154
Ion Ratio Lower Upper
198 100
51 337.6 205.1 307.7#
105 200.9 61.6 92.4#





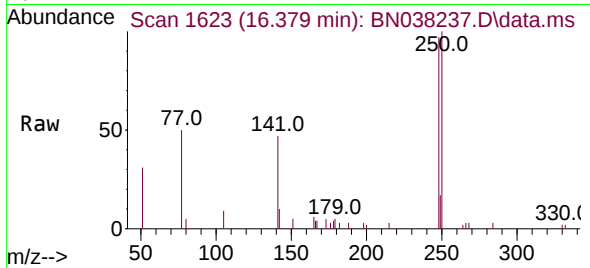
#21
4-Bromophenyl-phenylether
Concen: 0.379 ng
RT: 16.379 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05

Instrument :

BNA_N

ClientSampleId :

PB170590BS

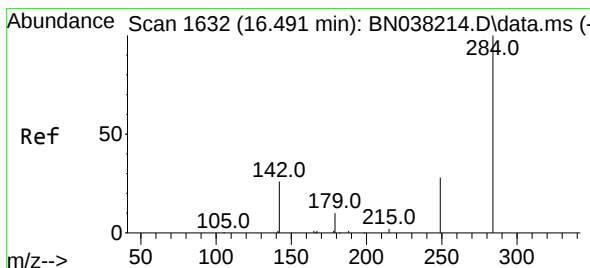
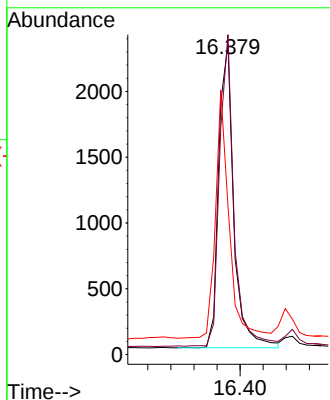
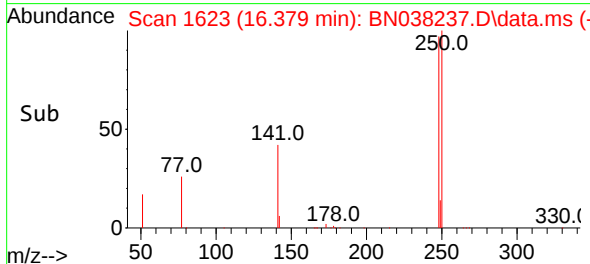


Tgt Ion:248 Resp: 4196
Ion Ratio Lower Upper
248 100
250 103.0 80.8 121.2
141 47.9 41.0 61.6

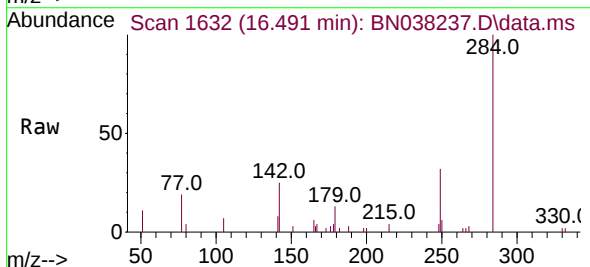
Manual Integrations

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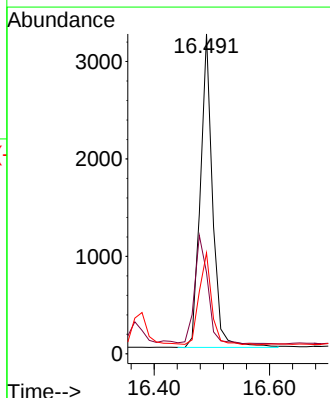
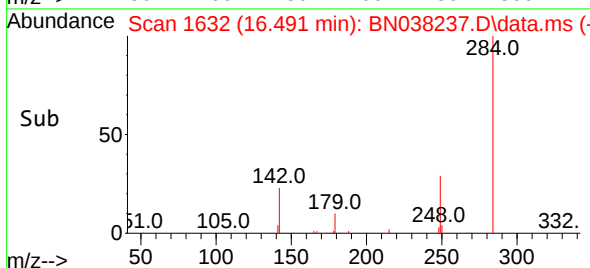
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

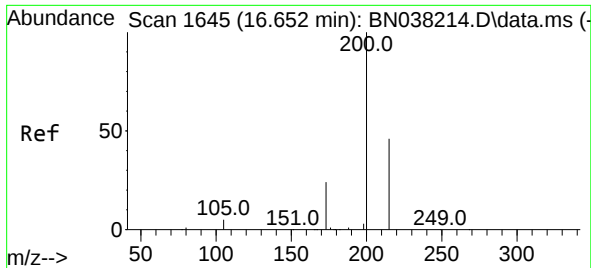


#22
Hexachlorobenzene
Concen: 0.349 ng
RT: 16.491 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05



Tgt Ion:284 Resp: 4745
Ion Ratio Lower Upper
284 100
142 37.9 30.5 45.7
249 30.2 23.8 35.8





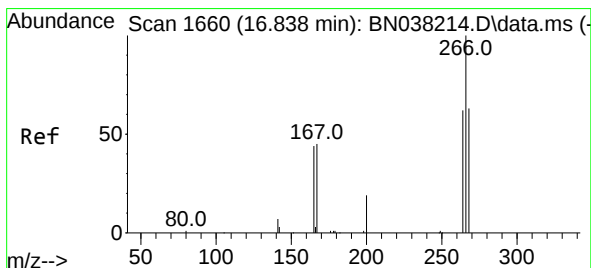
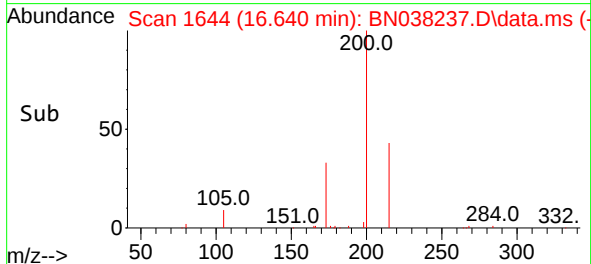
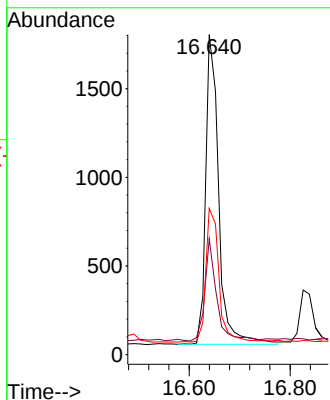
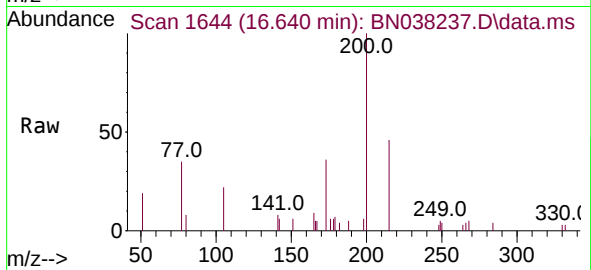
#23
Atrazine
Concen: 0.440 ng
RT: 16.640 min Scan# 1644
Delta R.T. -0.012 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05

Instrument :
BNA_N
ClientSampleId :
PB170590BS

Tgt Ion:200 Resp: 3100
Ion Ratio Lower Upper
200 100
173 36.2 21.0 31.6
215 45.7 37.8 56.8

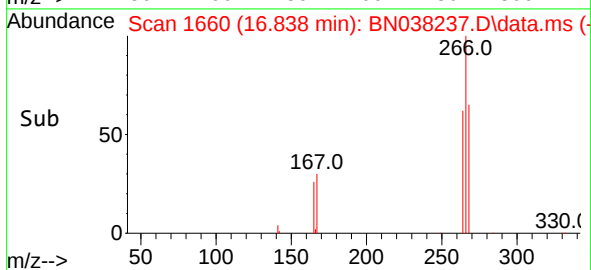
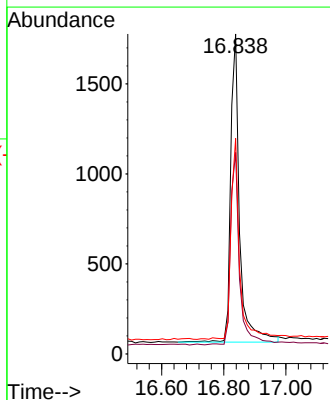
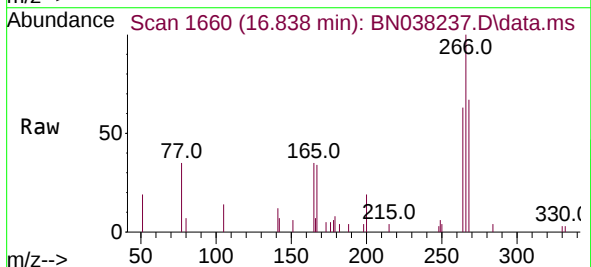
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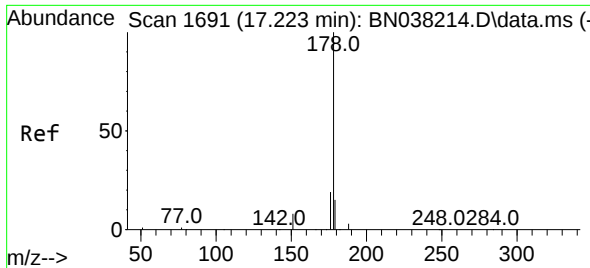
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#24
Pentachlorophenol
Concen: 0.914 ng
RT: 16.838 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05

Tgt Ion:266 Resp: 3407
Ion Ratio Lower Upper
266 100
264 62.4 48.9 73.3
268 62.0 50.2 75.2





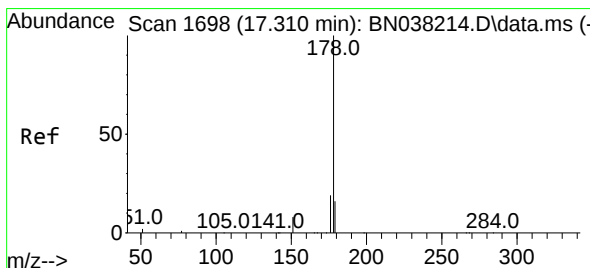
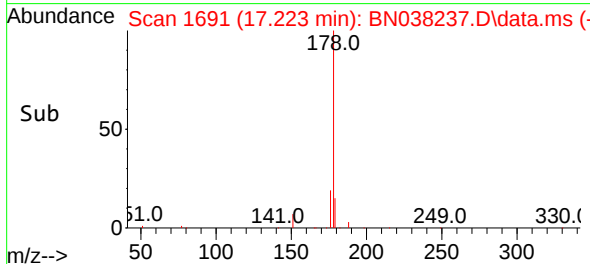
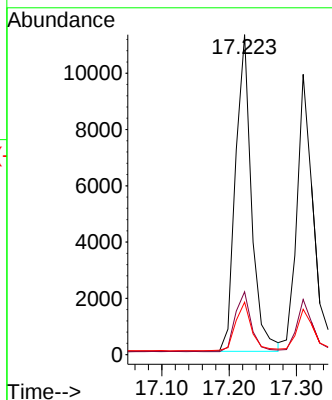
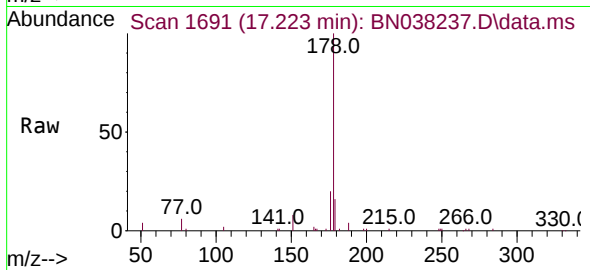
#25
Phenanthrene
Concen: 0.369 ng
RT: 17.223 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05

Instrument :
BNA_N
ClientSampleId :
PB170590BS

Tgt Ion:178 Resp: 18519
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.4 12.0 18.0

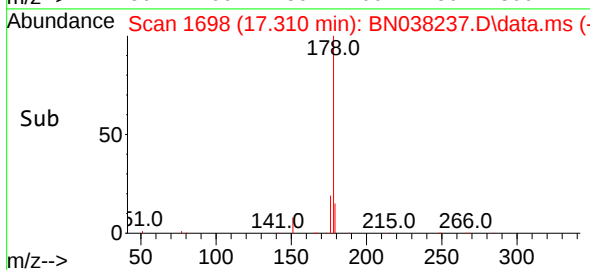
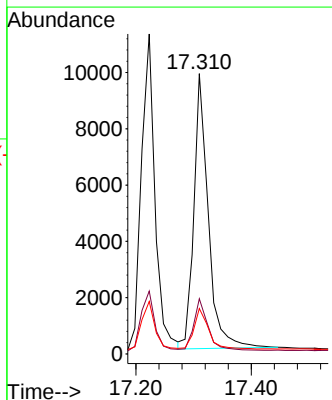
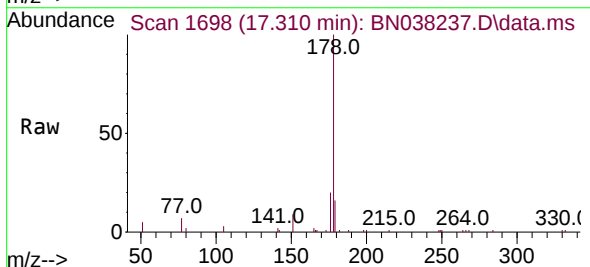
Manual Integrations
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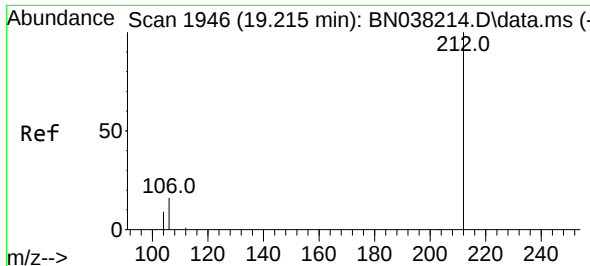
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#26
Anthracene
Concen: 0.395 ng
RT: 17.310 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05

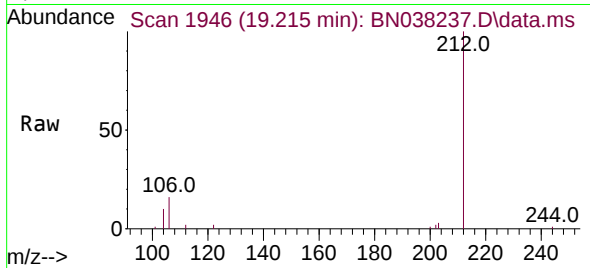
Tgt Ion:178 Resp: 16913
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.1 12.3 18.5





#27
Fluoranthene-d10
Concen: 0.435 ng
RT: 19.215 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05

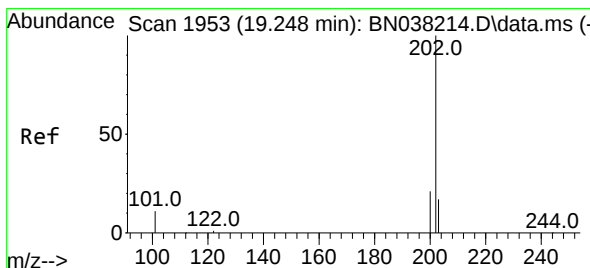
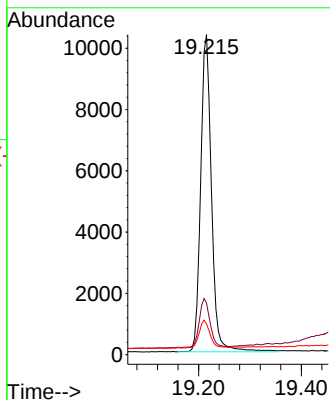
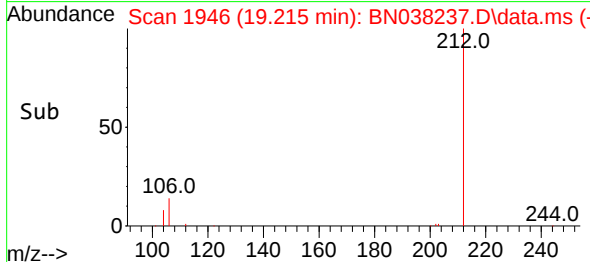
Instrument :
BNA_N
ClientSampleId :
PB170590BS



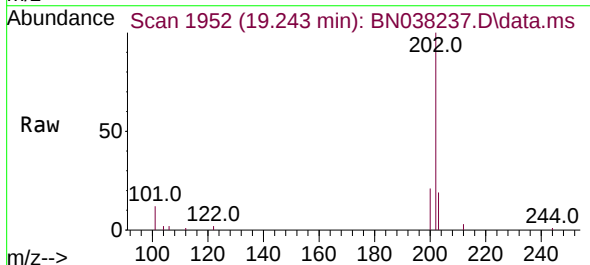
Tgt Ion:212 Resp: 15069
Ion Ratio Lower Upper
212 100
106 15.1 12.7 19.1
104 9.6 7.3 10.9

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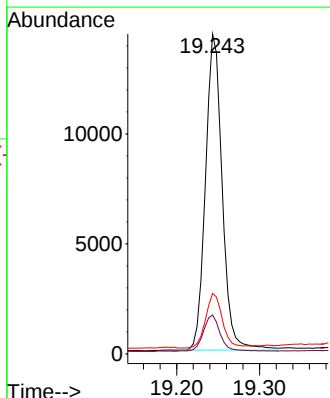
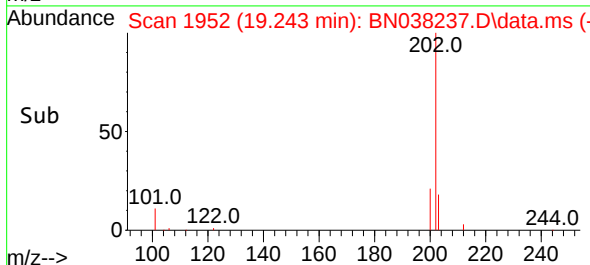
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

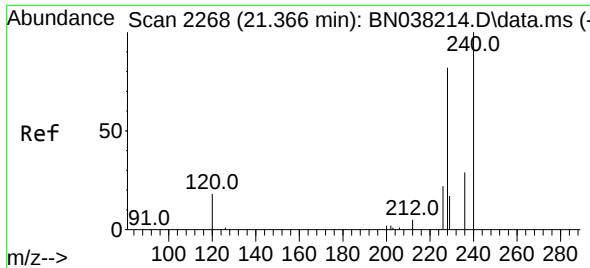


#28
Fluoranthene
Concen: 0.417 ng
RT: 19.243 min Scan# 1952
Delta R.T. -0.005 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05



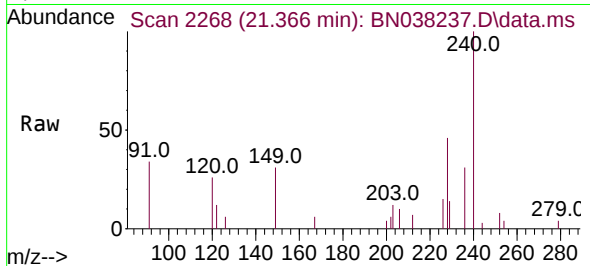
Tgt Ion:202 Resp: 20125
Ion Ratio Lower Upper
202 100
101 11.4 9.8 14.6
203 17.6 13.6 20.4





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.366 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05

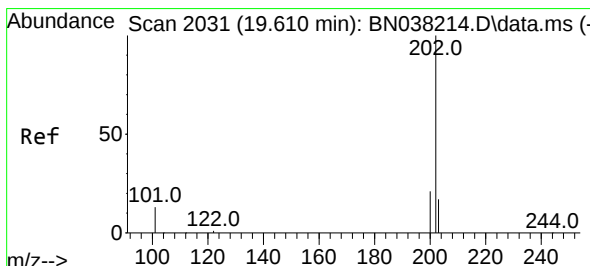
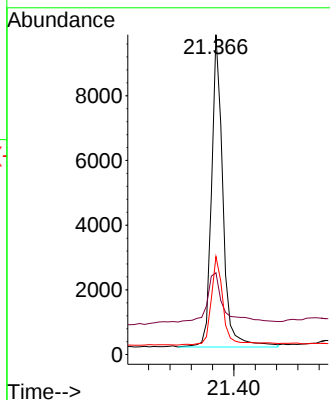
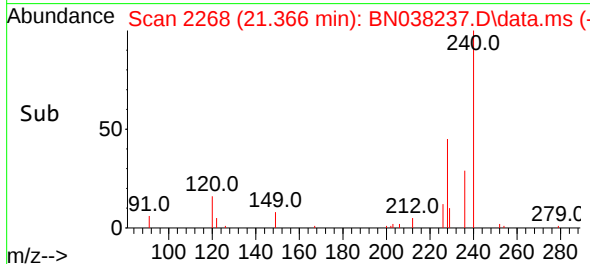
Instrument :
BNA_N
ClientSampleId :
PB170590BS



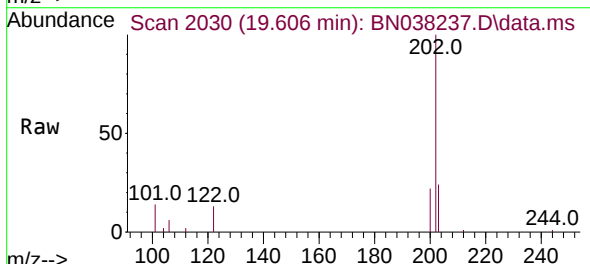
Tgt Ion:240 Resp: 14394
Ion Ratio Lower Upper
240 100
120 25.6 18.1 27.1
236 30.6 24.2 36.4

Manual Integrations
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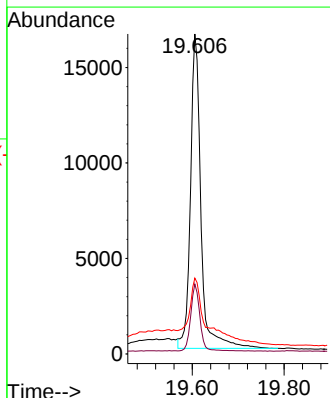
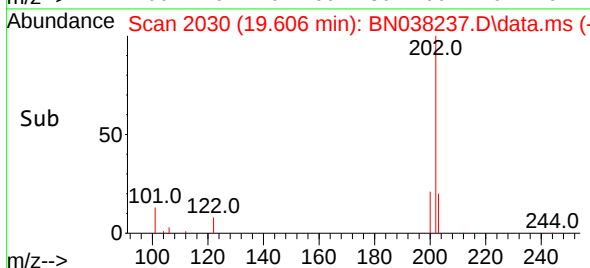
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

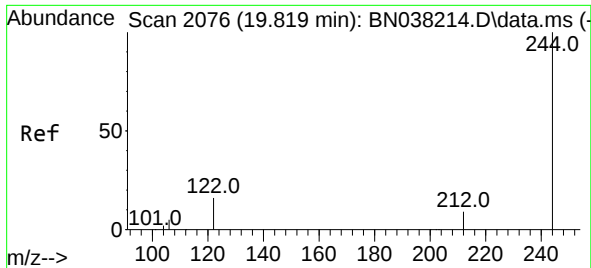


#30
Pyrene
Concen: 0.361 ng
RT: 19.606 min Scan# 2030
Delta R.T. -0.005 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05



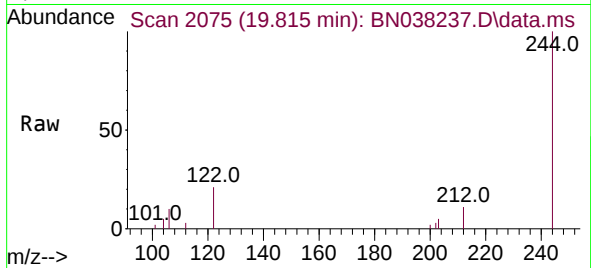
Tgt Ion:202 Resp: 25986
Ion Ratio Lower Upper
202 100
200 18.4 16.8 25.2
203 36.3 14.4 21.6#





#31
Terphenyl-d14
Concen: 0.369 ng
RT: 19.815 min Scan# 2076
Delta R.T. -0.005 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05

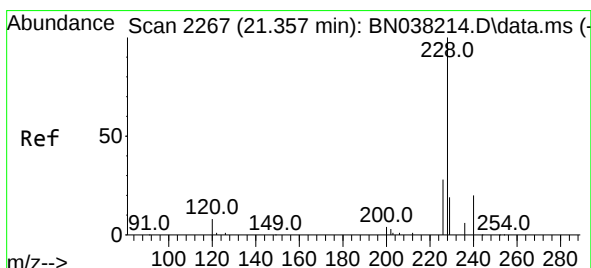
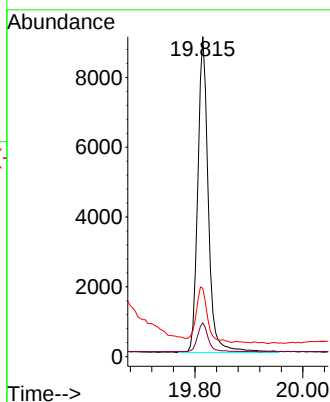
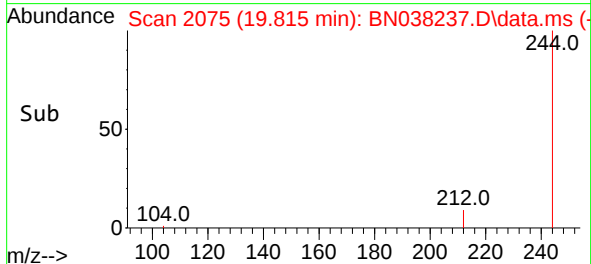
Instrument :
BNA_N
ClientSampleId :
PB170590BS



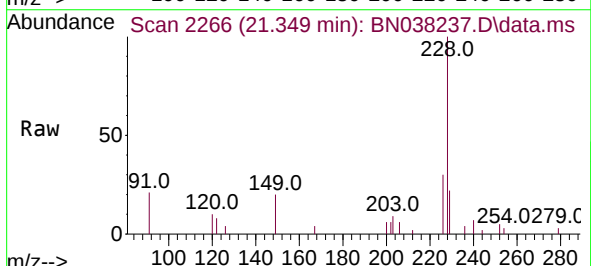
Tgt Ion:244 Resp: 12252
Ion Ratio Lower Upper
244 100
212 10.5 7.7 11.5
122 21.3 13.6 20.4

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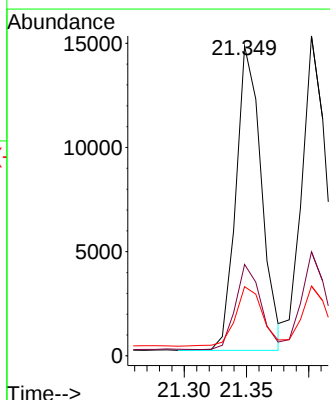
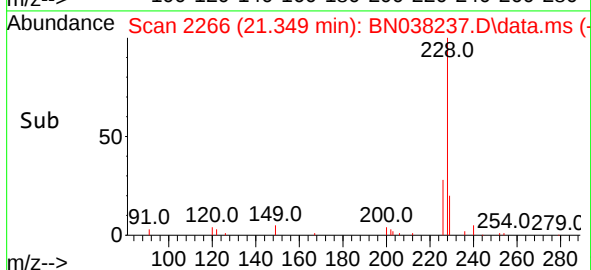
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

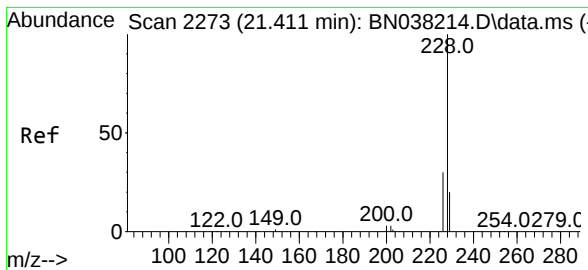


#32
Benzo(a)anthracene
Concen: 0.427 ng
RT: 21.349 min Scan# 2266
Delta R.T. -0.009 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05



Tgt Ion:228 Resp: 20794
Ion Ratio Lower Upper
228 100
226 29.5 22.6 33.8
229 22.3 15.8 23.8





#33

Chrysene

Concen: 0.376 ng

RT: 21.402 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN038237.D

Acq: 01 Dec 2025 22:05

Instrument :

BNA_N

ClientSampleId :

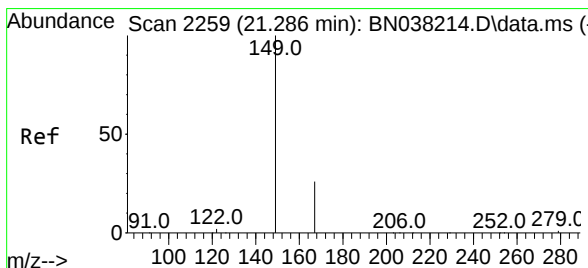
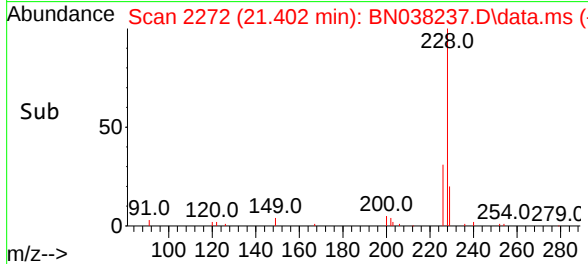
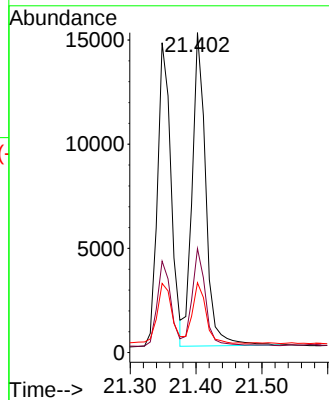
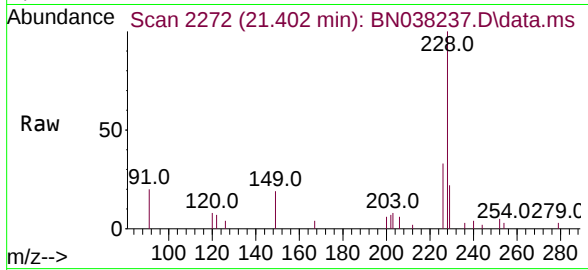
PB170590BS

Tgt Ion:228	Resp:	21620
Ion Ratio	Lower	Upper
228	100	
226	32.5	23.8 35.8
229	21.8	16.1 24.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.586 ng

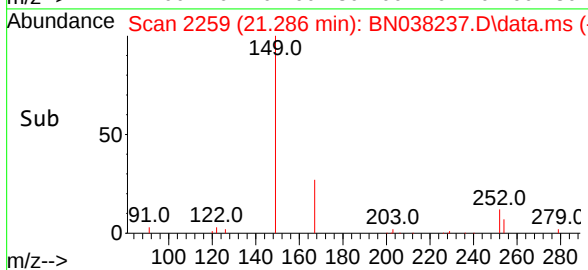
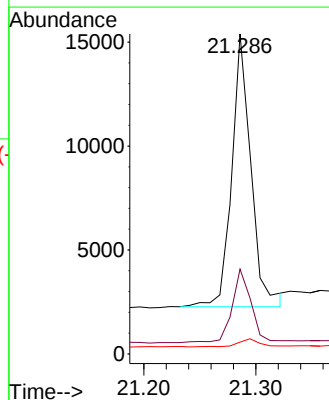
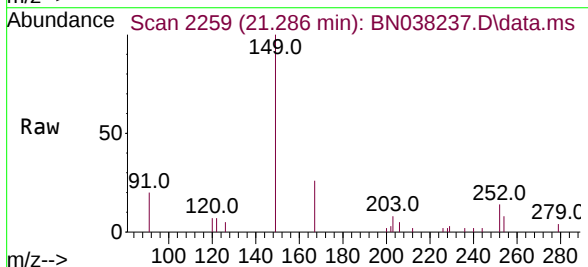
RT: 21.286 min Scan# 2259

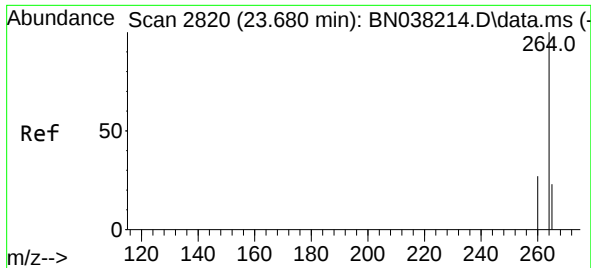
Delta R.T. 0.000 min

Lab File: BN038237.D

Acq: 01 Dec 2025 22:05

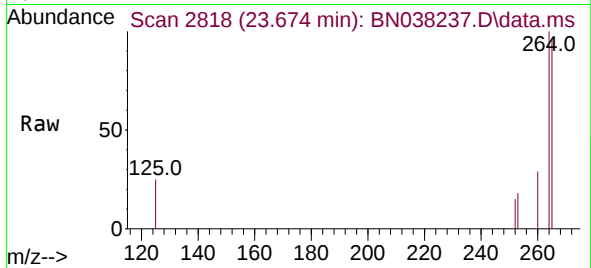
Tgt Ion:149	Resp:	15644
Ion Ratio	Lower	Upper
149	100	
167	27.1	20.7 31.1
279	3.5	2.5 3.7





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.674 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05

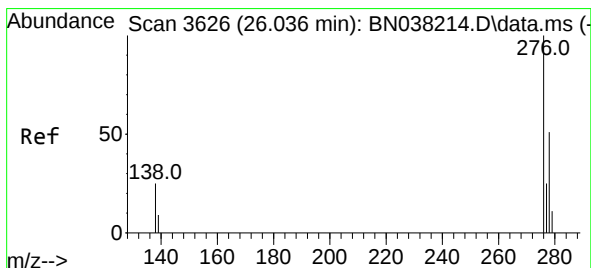
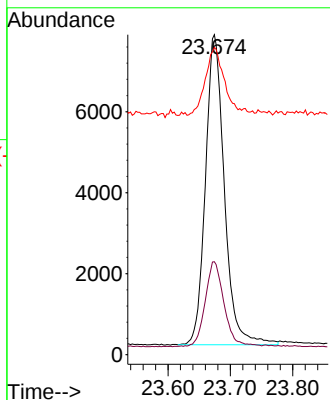
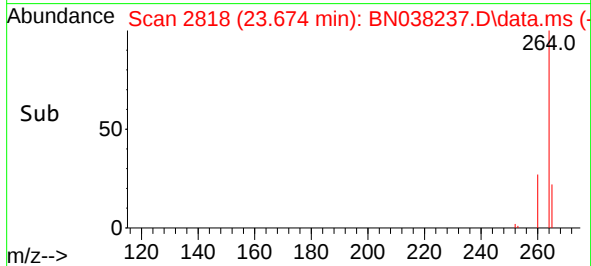
Instrument :
BNA_N
ClientSampleId :
PB170590BS



Tgt Ion:264 Resp: 16168
Ion Ratio Lower Upper
264 100
260 29.0 21.7 32.5
265 96.0 98.0 147.0

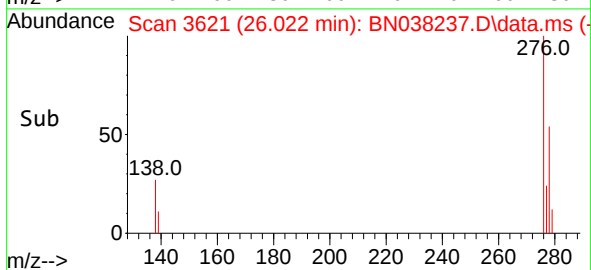
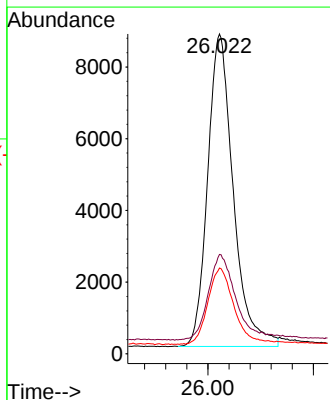
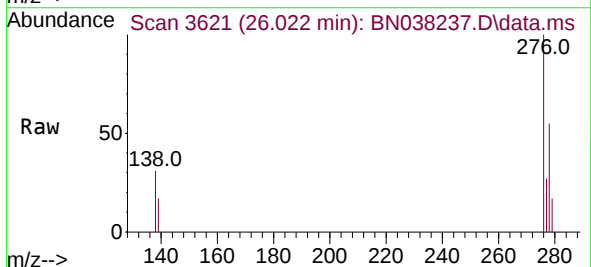
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APPROVED

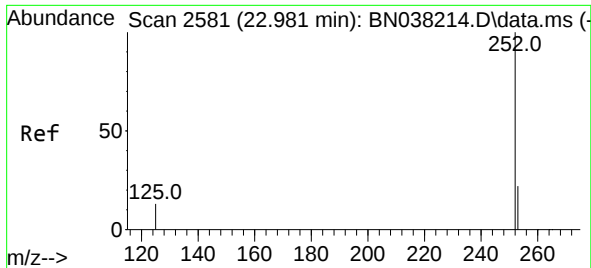
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.392 ng
RT: 26.022 min Scan# 3621
Delta R.T. -0.015 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05

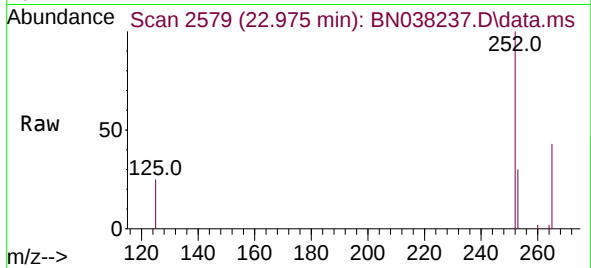
Tgt Ion:276 Resp: 29356
Ion Ratio Lower Upper
276 100
138 28.7 21.4 32.2
277 24.7 19.1 28.7





#37
Benzo(b)fluoranthene
Concen: 0.344 ng
RT: 22.975 min Scan# 2579
Delta R.T. -0.006 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05

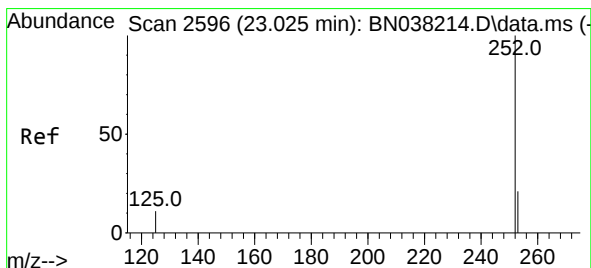
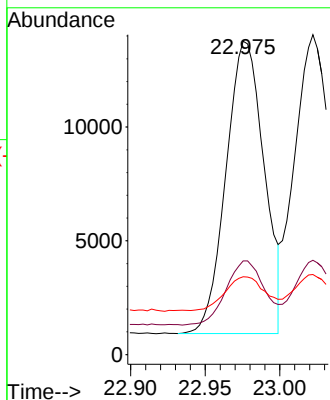
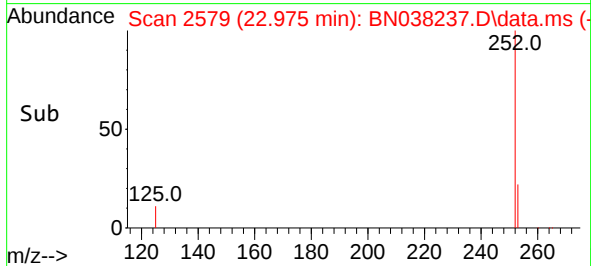
Instrument :
BNA_N
ClientSampleId :
PB170590BS



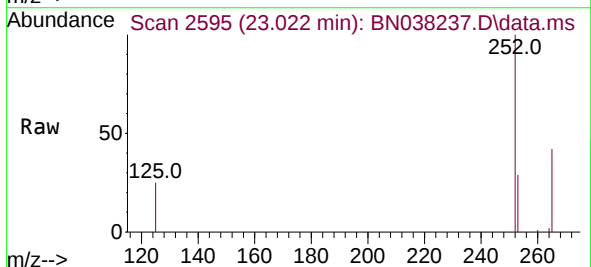
Tgt Ion:252 Resp: 22824
Ion Ratio Lower Upper
252 100
253 29.9 22.2 33.4
125 24.8 18.0 27.0

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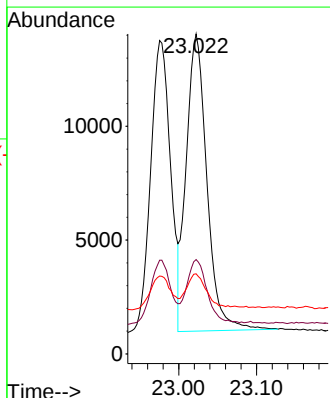
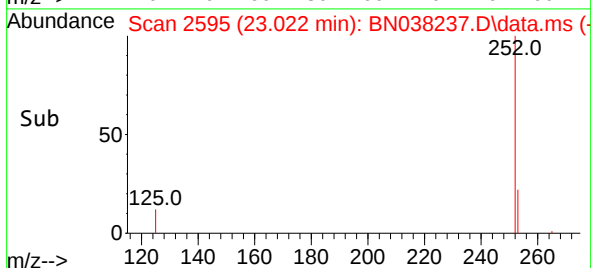
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

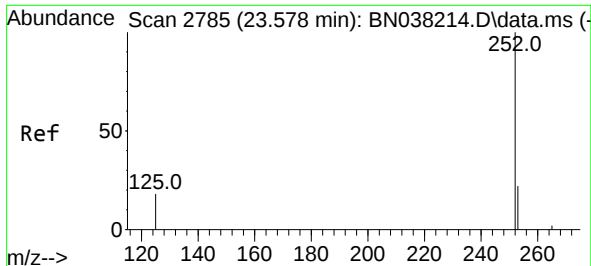


#38
Benzo(k)fluoranthene
Concen: 0.349 ng
RT: 23.022 min Scan# 2595
Delta R.T. -0.003 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05



Tgt Ion:252 Resp: 24101
Ion Ratio Lower Upper
252 100
253 29.5 22.4 33.6
125 25.0 17.5 26.3





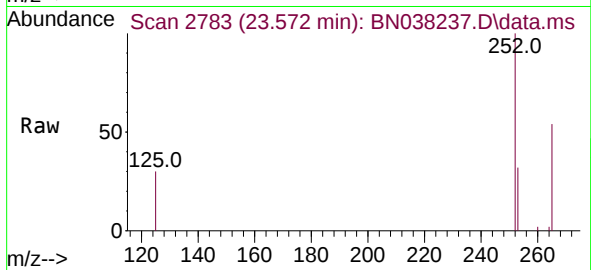
#39
Benzo(a)pyrene
Concen: 0.393 ng
RT: 23.572 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05

Instrument :

BN038237.D

ClientSampleId :

PB170590BS

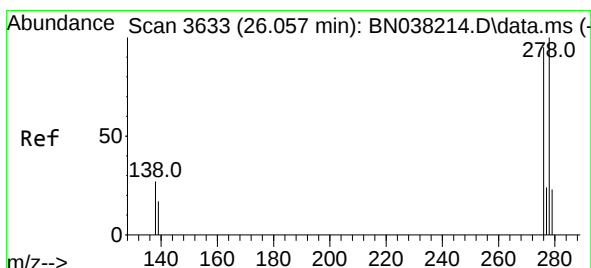
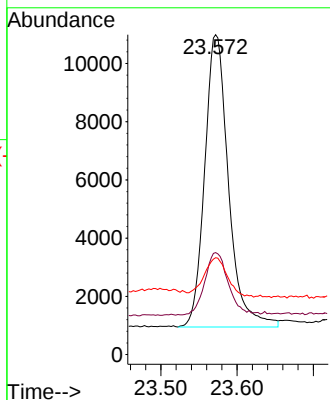
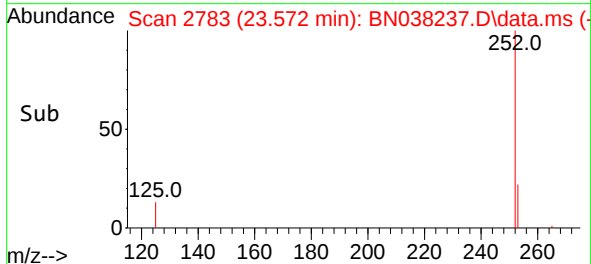


Tgt Ion:252 Resp: 2185
Ion Ratio Lower Upper
252 100
253 31.9 25.3 37.9
125 30.3 25.2 37.8

Manual Integrations

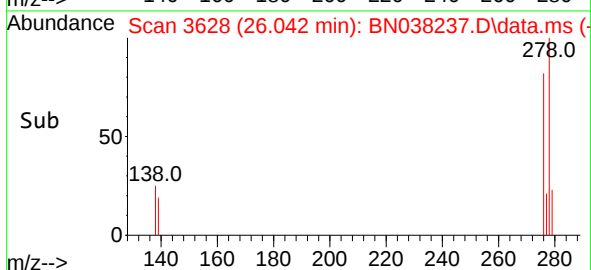
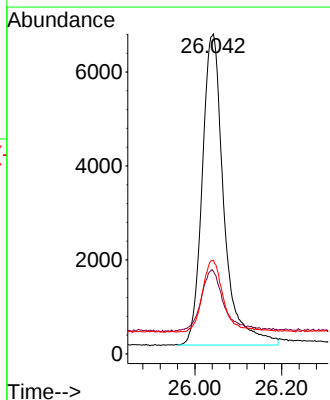
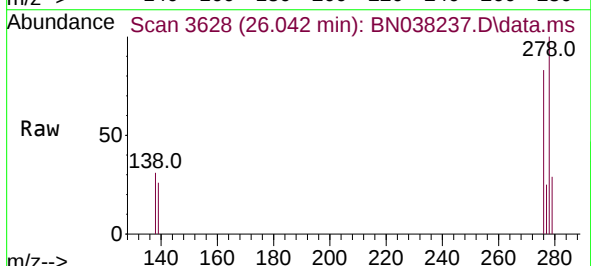
APPROVED

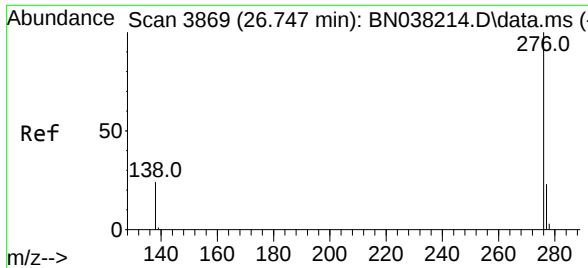
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#40
Dibenzo(a,h)anthracene
Concen: 0.404 ng
RT: 26.042 min Scan# 3628
Delta R.T. -0.015 min
Lab File: BN038237.D
Acq: 01 Dec 2025 22:05

Tgt Ion:278 Resp: 22900
Ion Ratio Lower Upper
278 100
139 25.8 17.6 26.4
279 29.3 24.2 36.4





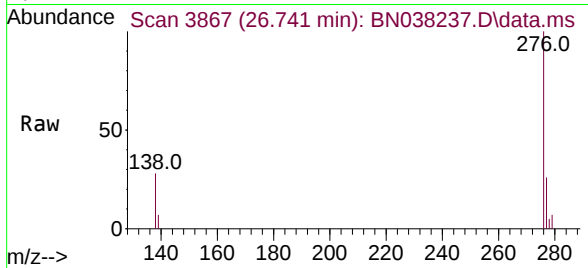
#41
 Benzo(g,h,i)perylene
 Concen: 0.363 ng
 RT: 26.741 min Scan# 3867
 Delta R.T. -0.006 min
 Lab File: BN038237.D
 Acq: 01 Dec 2025 22:05

Instrument :

BNA_N

ClientSampleId :

PB170590BS



Tgt Ion:276 Resp: 24599
 Ion Ratio Lower Upper
 276 100
 277 26.5 20.2 30.2
 138 28.1 20.8 31.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

