

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
 Data File : BN038232.D
 Acq On : 01 Dec 2025 19:04
 Operator : RC/JU
 Sample : PB170712BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

PB170712BS

Manual Integrations

APPROVED

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

Quant Time: Dec 02 01:08:47 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	7901	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	22379	0.400	ng	#-0.01
13) Acenaphthene-d10	14.430	164	10358	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	14739	0.400	ng	0.00
29) Chrysene-d12	21.366	240	10142	0.400	ng	0.00
35) Perylene-d12	23.674	264	10375	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	7243	0.392	ng	0.00
5) Phenol-d6	6.930	99	8256	0.358	ng	0.00
8) Nitrobenzene-d5	8.918	82	7089	0.396	ng	0.00
11) 2-Methylnaphthalene-d10	12.167	152	12867m	0.405	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1053	0.323	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	18137	0.453	ng	0.00
27) Fluoranthene-d10	19.215	212	11485	0.359	ng	0.00
31) Terphenyl-d14	19.815	244	8499	0.363	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	2735	0.329	ng	# 70
3) n-Nitrosodimethylamine	3.557	42	4025	0.392	ng	# 97
6) bis(2-Chloroethyl)ether	7.183	93	8565	0.388	ng	96
9) Naphthalene	10.616	128	23360	0.376	ng	100
10) Hexachlorobutadiene	10.914	225	4273	0.404	ng	# 99
12) 2-Methylnaphthalene	12.238	142	13296	0.325	ng	99
16) Acenaphthylene	14.142	152	19159	0.414	ng	99
17) Acenaphthene	14.484	154	12125	0.376	ng	99
18) Fluorene	15.478	166	14602	0.349	ng	98
20) 4,6-Dinitro-2-methylph...	15.572	198	547	0.510	ng	# 57
21) 4-Bromophenyl-phenylether	16.379	248	3913	0.383	ng	99
22) Hexachlorobenzene	16.491	284	5133	0.409	ng	100
23) Atrazine	16.652	200	2423	0.372	ng	99
24) Pentachlorophenol	16.838	266	1999	0.581	ng	98
25) Phenanthrene	17.223	178	17412	0.376	ng	99
26) Anthracene	17.310	178	15544	0.394	ng	99
28) Fluoranthene	19.243	202	16190	0.363	ng	99
30) Pyrene	19.606	202	16181	0.319	ng	100
32) Benzo(a)anthracene	21.357	228	13901	0.405	ng	98
33) Chrysene	21.402	228	15647	0.386	ng	98
34) Bis(2-ethylhexyl)phtha...	21.286	149	6216	0.331	ng	100
36) Indeno(1,2,3-cd)pyrene	26.028	276	20586	0.429	ng	96
37) Benzo(b)fluoranthene	22.978	252	16065	0.377	ng	99
38) Benzo(k)fluoranthene	23.025	252	17114	0.387	ng	98
39) Benzo(a)pyrene	23.575	252	14650	0.410	ng	97
40) Dibenzo(a,h)anthracene	26.048	278	15805	0.435	ng	98
41) Benzo(g,h,i)perylene	26.741	276	18052	0.416	ng	98

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

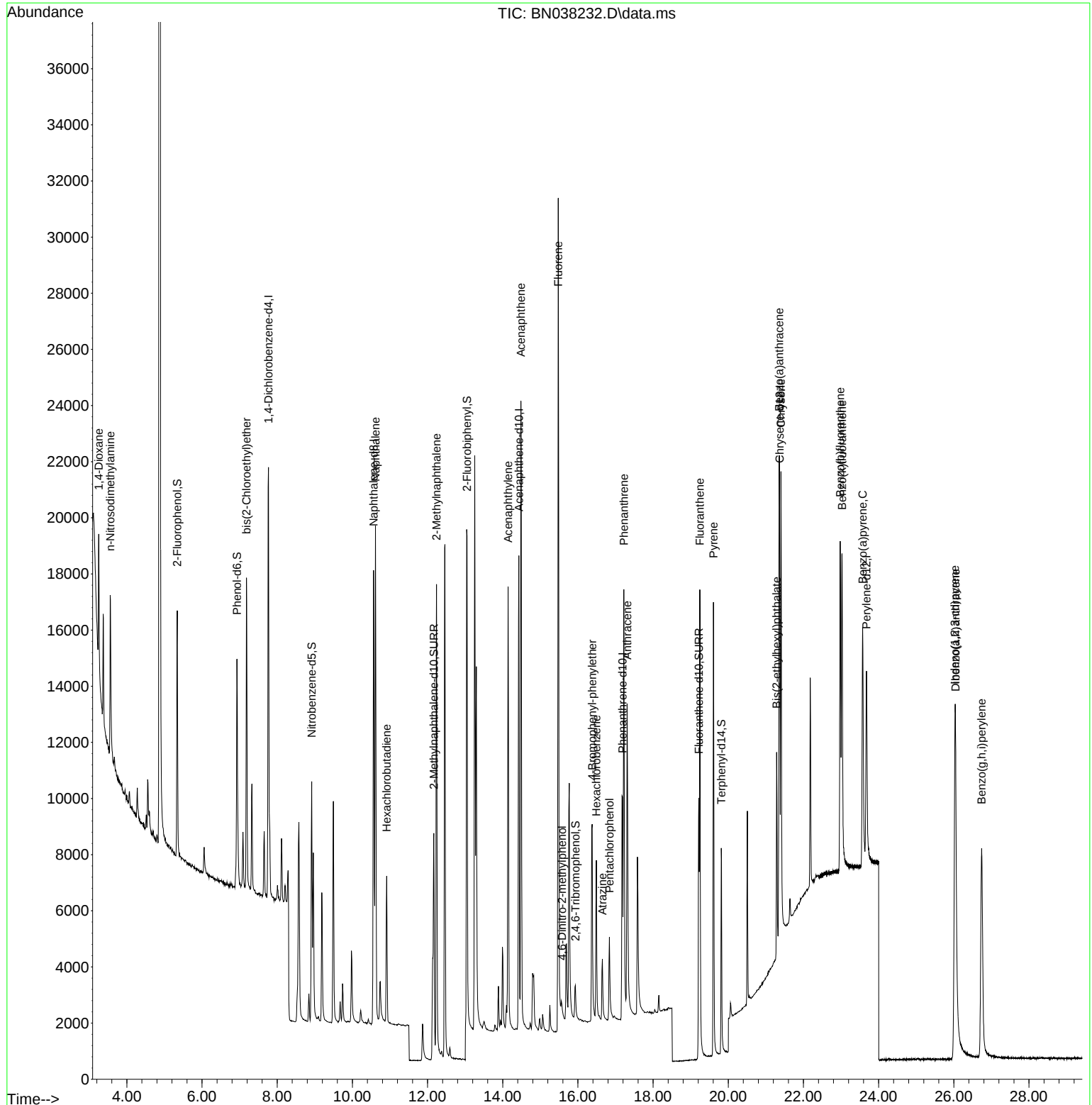
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
Data File : BN038232.D
Acq On : 01 Dec 2025 19:04
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Sample : PB170712BS
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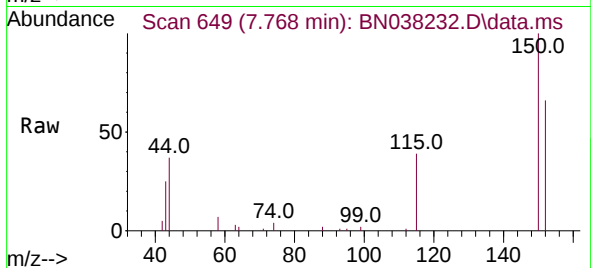
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.768 min Scan# 649
 Delta R.T. -0.000 min
 Lab File: BN038232.D
 Acq: 01 Dec 2025 19:04

Instrument :

BNA_N

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PB170712BS

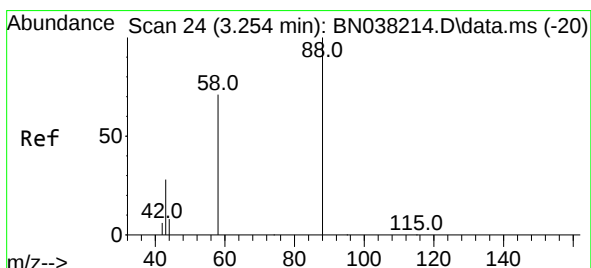
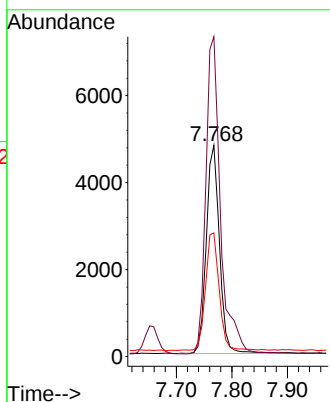
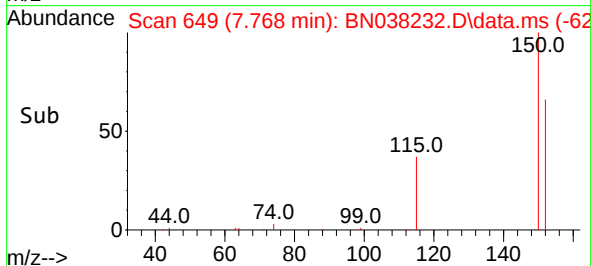


Tgt Ion:152 Resp: 7901
 Ion Ratio Lower Upper
 152 100
 150 151.4 125.3 187.9
 115 58.6 49.0 73.4

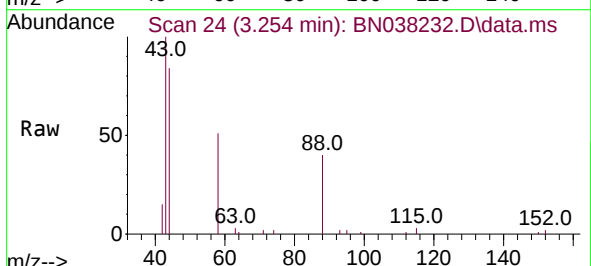
Manual Integrations

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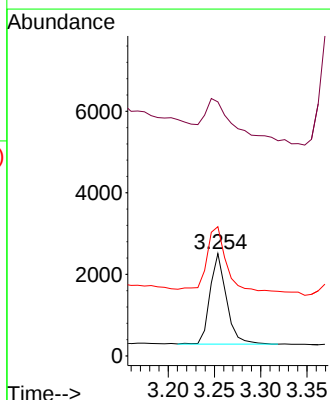
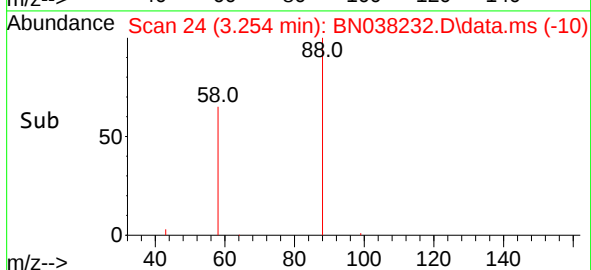
Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

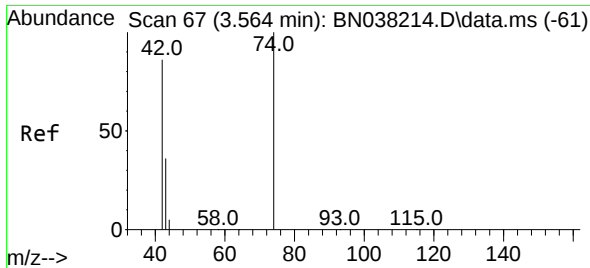


#2
 1,4-Dioxane
 Concen: 0.329 ng
 RT: 3.254 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN038232.D
 Acq: 01 Dec 2025 19:04



Tgt Ion: 88 Resp: 2735
 Ion Ratio Lower Upper
 88 100
 43 74.2 24.8 37.2#
 58 85.6 61.1 91.7





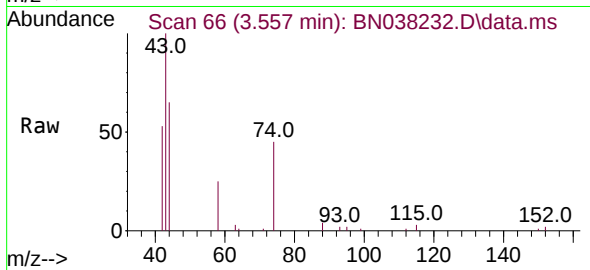
#3
n-Nitrosodimethylamine
Concen: 0.392 ng
RT: 3.557 min Scan# 60
Delta R.T. -0.007 min
Lab File: BN038232.D
Acq: 01 Dec 2025 19:04

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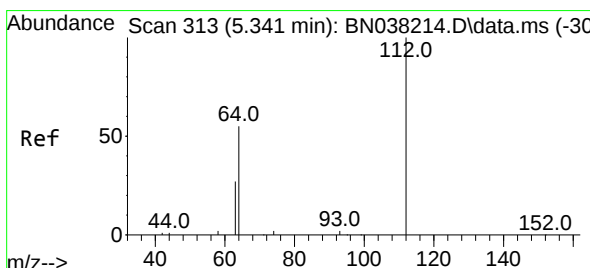
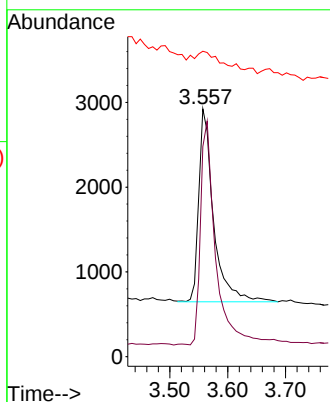
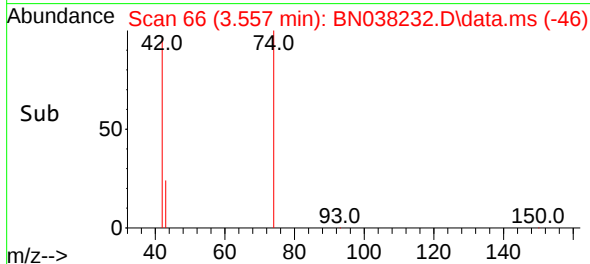


Tgt Ion: 42 Resp: 4025
Ion Ratio Lower Upper
42 100
74 119.7 96.2 144.2
44 20.7 8.0 12.0

Manual Integrations

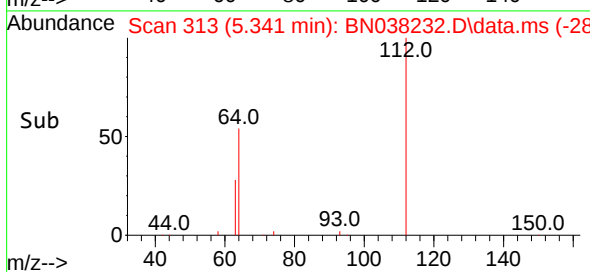
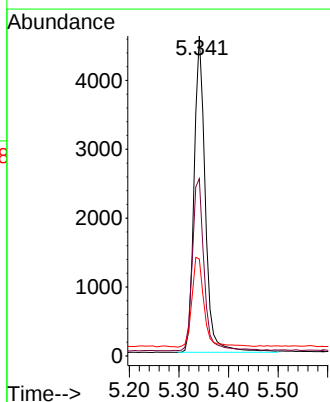
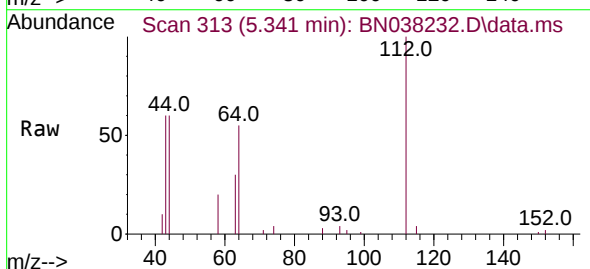
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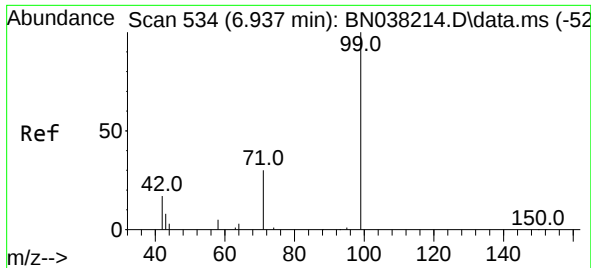
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#4
2-Fluorophenol
Concen: 0.392 ng
RT: 5.341 min Scan# 313
Delta R.T. 0.000 min
Lab File: BN038232.D
Acq: 01 Dec 2025 19:04

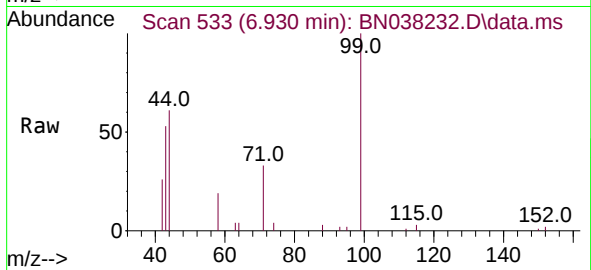
Tgt Ion:112 Resp: 7243
Ion Ratio Lower Upper
112 100
64 56.2 45.0 67.4
63 31.0 23.2 34.8





#5
Phenol-d6
Concen: 0.358 ng
RT: 6.930 min Scan# 534
Delta R.T. -0.007 min
Lab File: BN038232.D
Acq: 01 Dec 2025 19:04

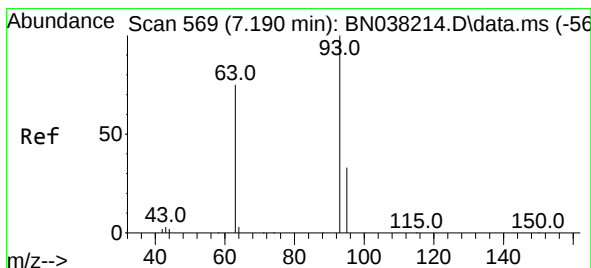
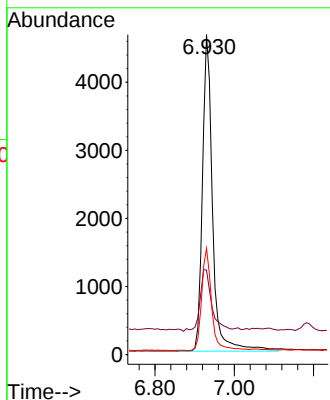
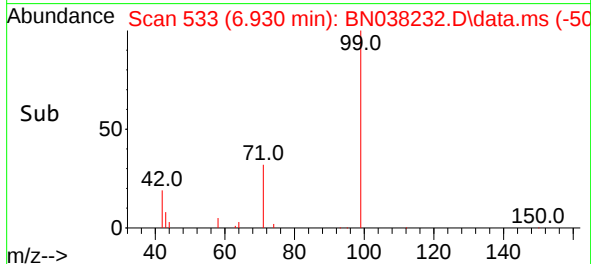
Instrument :
BNA_N
ClientSampleId :
PB170712BS



Tgt Ion: 99 Resp: 8256
Ion Ratio Lower Upper
99 100
42 22.5 17.0 25.6
71 31.4 25.4 38.2

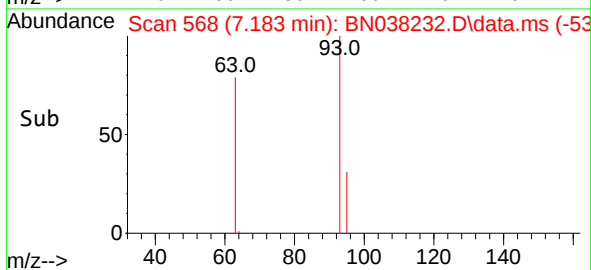
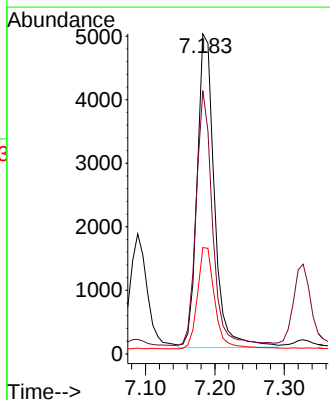
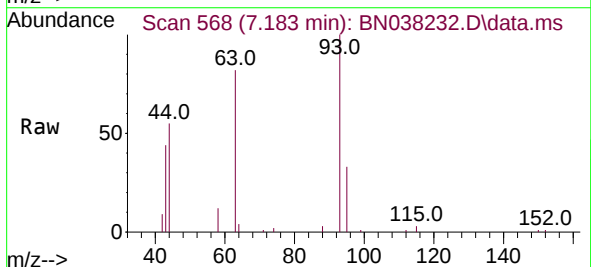
Manual Integrations
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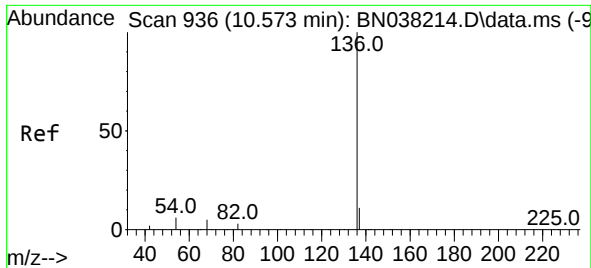
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#6
bis(2-Chloroethyl)ether
Concen: 0.388 ng
RT: 7.183 min Scan# 568
Delta R.T. -0.007 min
Lab File: BN038232.D
Acq: 01 Dec 2025 19:04

Tgt Ion: 93 Resp: 8565
Ion Ratio Lower Upper
93 100
63 76.9 58.1 87.1
95 32.6 25.1 37.7





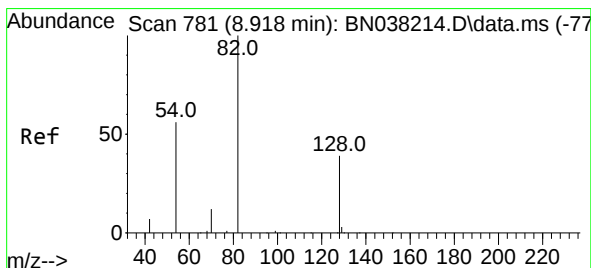
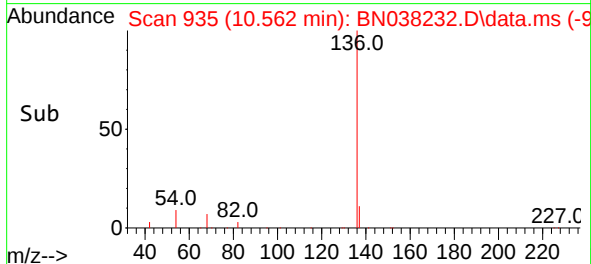
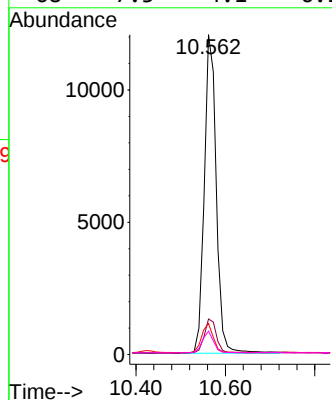
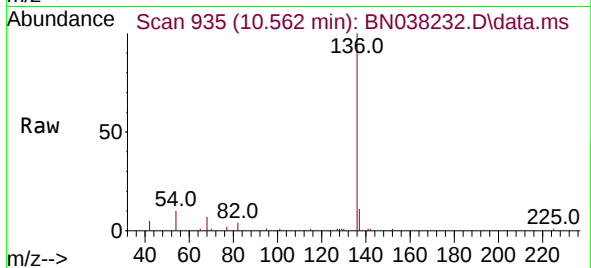
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 936
Delta R.T. -0.011 min
Lab File: BN038232.D
Acq: 01 Dec 2025 19:04

Instrument :
BNA_N
ClientSampleId :
PB170712BS

Tgt Ion:136	Resp:	22379
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	9.7	5.4 8.0
68	7.3	4.1 6.1

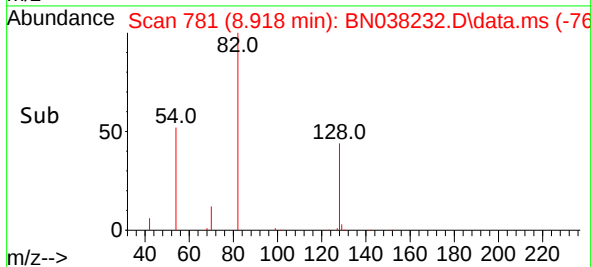
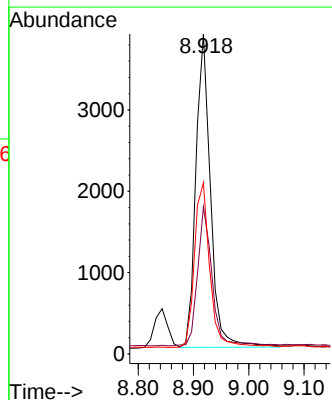
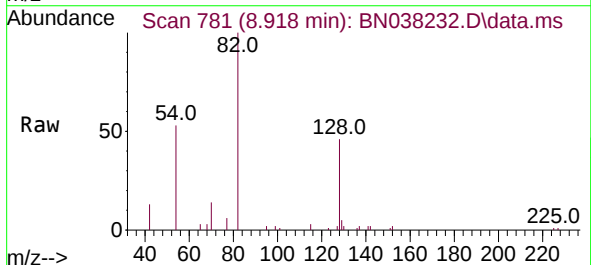
Manual Integrations
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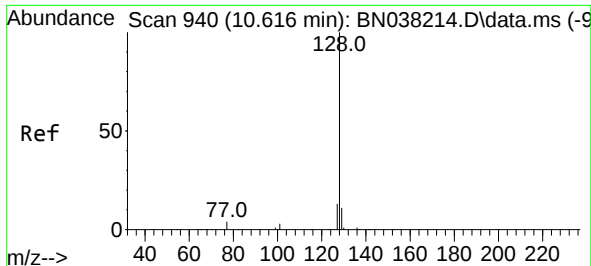
Reviewed By :Jagrut Upadhyay 12/02/2025
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#8
Nitrobenzene-d5
Concen: 0.396 ng
RT: 8.918 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN038232.D
Acq: 01 Dec 2025 19:04

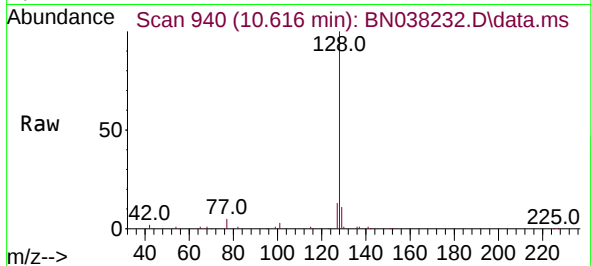
Tgt Ion: 82	Resp:	7089
Ion Ratio	Lower	Upper
82	100	
128	46.0	32.6 48.8
54	53.5	45.4 68.0





#9
Naphthalene
Concen: 0.376 ng
RT: 10.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BN038232.D
Acq: 01 Dec 2025 19:04

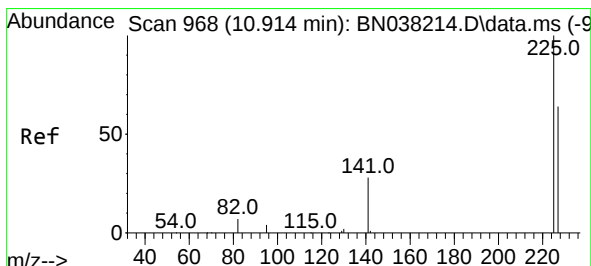
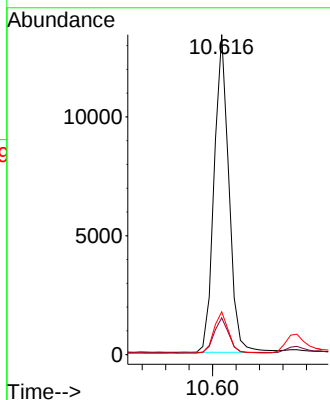
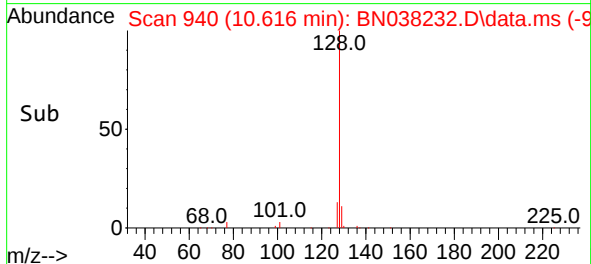
Instrument :
BNA_N
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PB170712BS



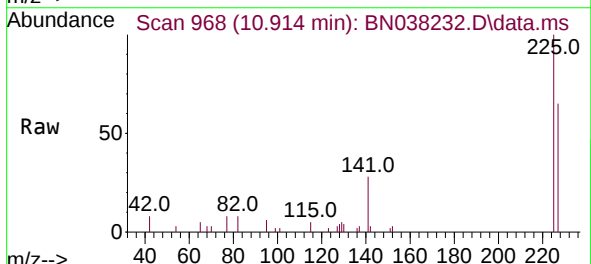
Tgt Ion:128 Resp: 23360
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.4 10.6 16.0

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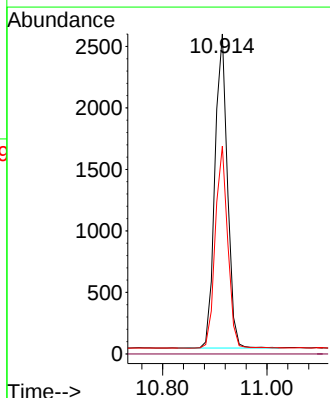
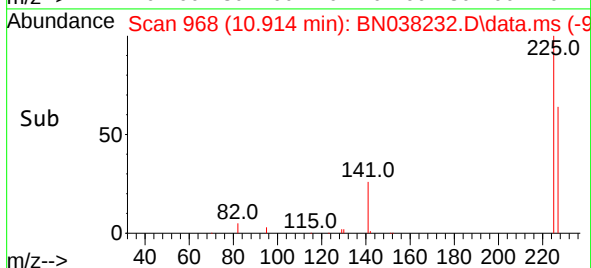
Reviewed By :Jagrut Upadhyay 12/02/2025
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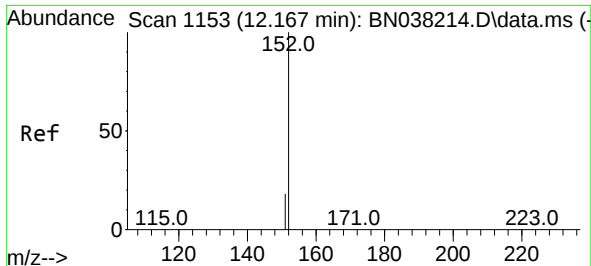


#10
Hexachlorobutadiene
Concen: 0.404 ng
RT: 10.914 min Scan# 968
Delta R.T. 0.000 min
Lab File: BN038232.D
Acq: 01 Dec 2025 19:04



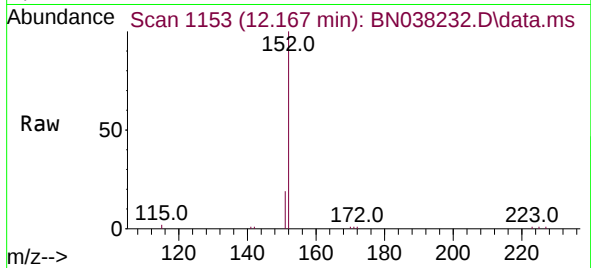
Tgt Ion:225 Resp: 4273
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.9 50.5 75.7





#11
2-Methylnaphthalene-d10
Concen: 0.405 ng m
RT: 12.167 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BN038232.D
Acq: 01 Dec 2025 19:04

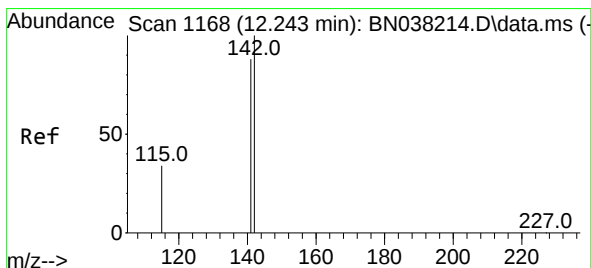
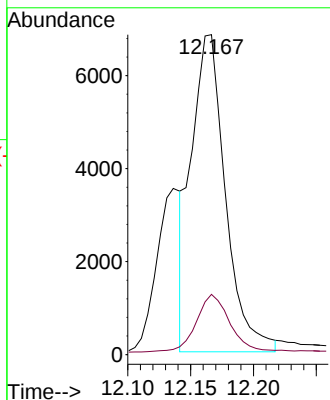
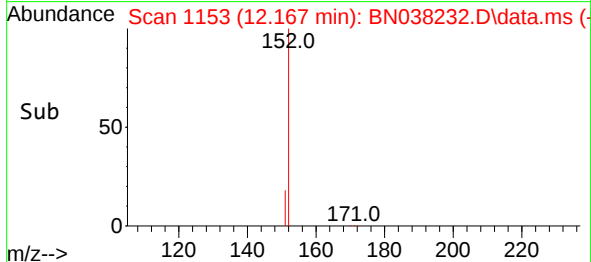
Instrument :
BNA_N
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PB170712BS



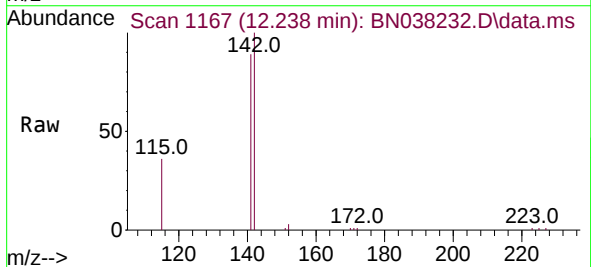
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Ion Ratio Lower Upper
152 100
151 18.2 16.7 25.1

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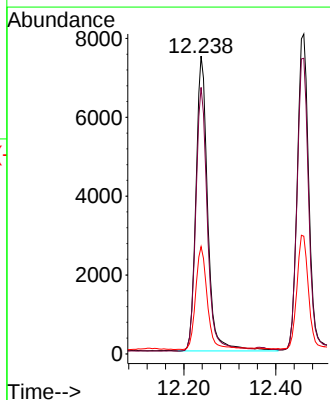
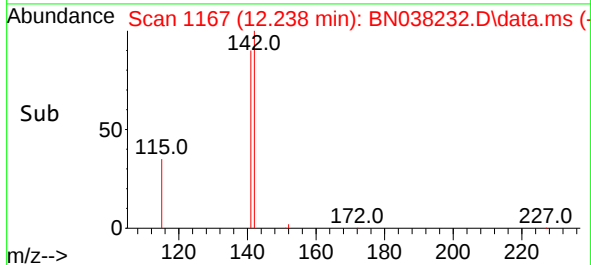
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

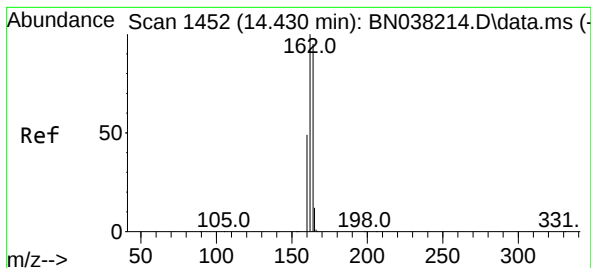


#12
2-Methylnaphthalene
Concen: 0.325 ng
RT: 12.238 min Scan# 1167
Delta R.T. -0.005 min
Lab File: BN038232.D
Acq: 01 Dec 2025 19:04



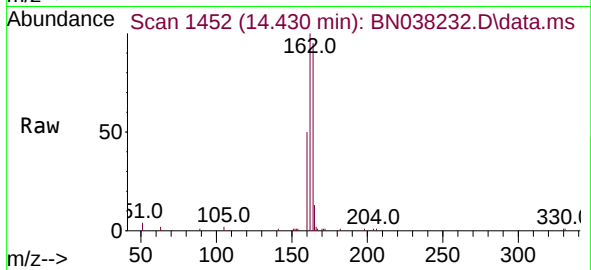
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Ion Ratio Lower Upper
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141 89.5 70.9 106.3
115 36.0 27.7 41.5





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038232.D
Acq: 01 Dec 2025 19:04

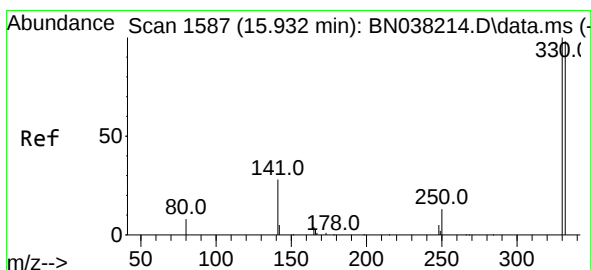
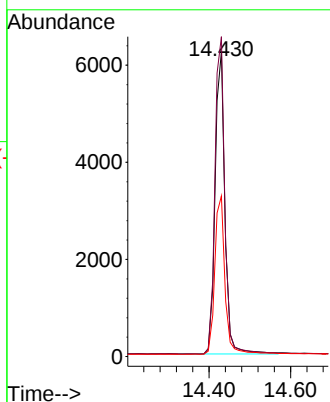
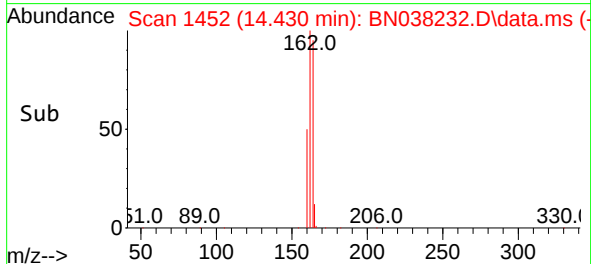
Instrument :
BNA_N
ClientSampleId :
PB170712BS



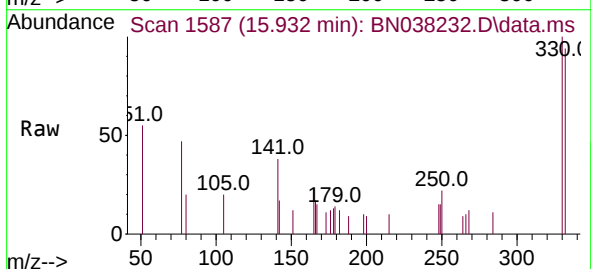
Tgt Ion:164 Resp: 10358
Ion Ratio Lower Upper
164 100
162 104.9 83.8 125.8
160 52.7 41.6 62.4

Manual Integrations
APPROVED

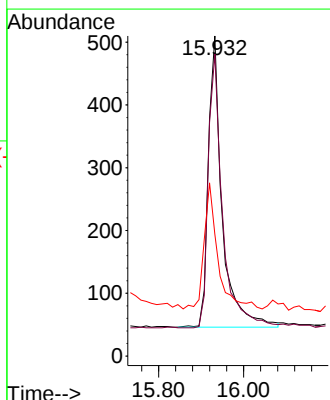
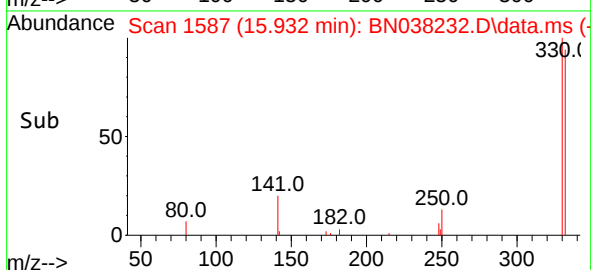
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

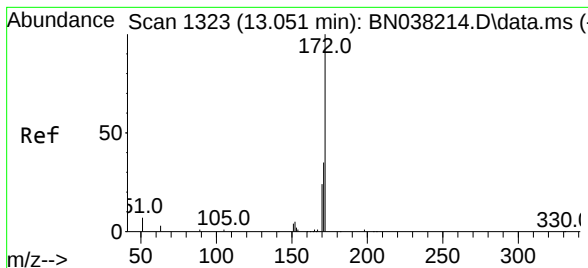


#14
2,4,6-Tribromophenol
Concen: 0.323 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038232.D
Acq: 01 Dec 2025 19:04



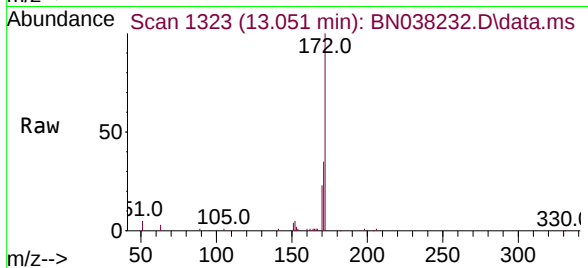
Tgt Ion:330 Resp: 1053
Ion Ratio Lower Upper
330 100
332 97.5 77.8 116.6
141 42.5 33.0 49.4





#15
2-Fluorobiphenyl
Concen: 0.453 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038232.D
Acq: 01 Dec 2025 19:04

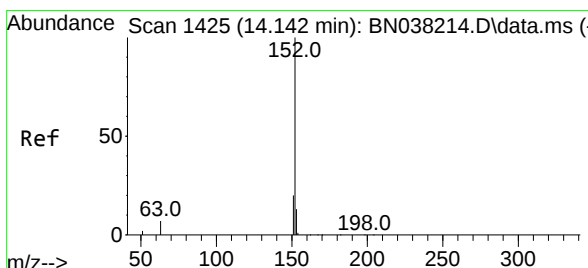
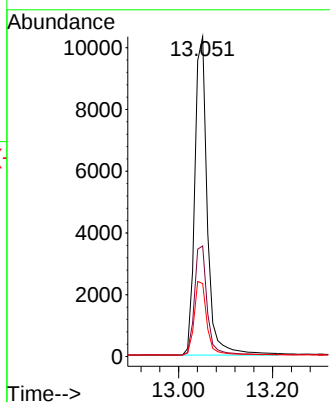
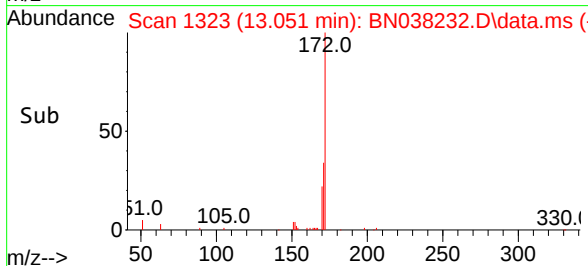
Instrument :
BNA_N
ClientSampleId :
PB170712BS



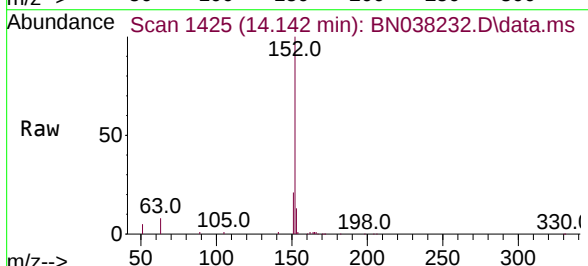
Tgt Ion:172 Resp: 18137
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 22.8 19.1 28.7

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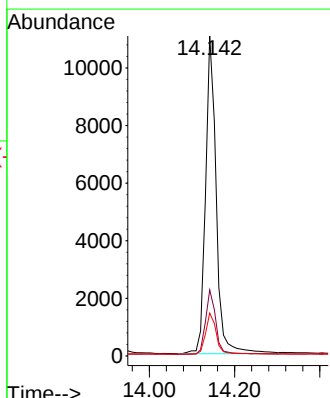
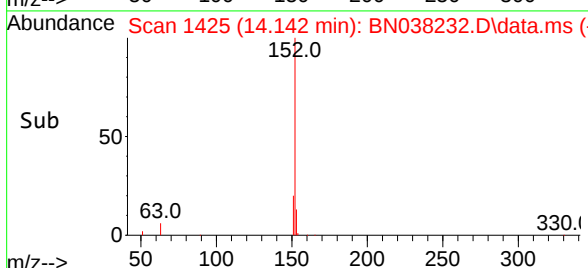
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

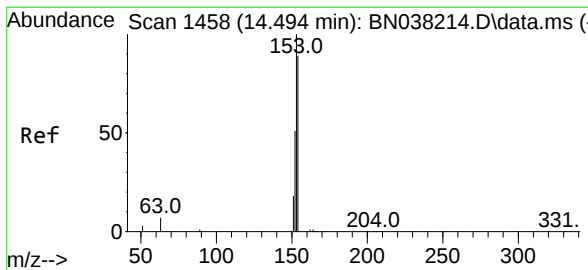


#16
Acenaphthylene
Concen: 0.414 ng
RT: 14.142 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN038232.D
Acq: 01 Dec 2025 19:04



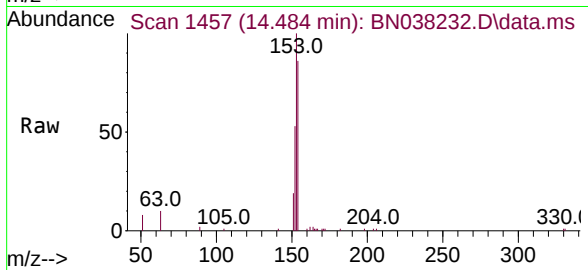
Tgt Ion:152 Resp: 19159
Ion Ratio Lower Upper
152 100
151 19.9 15.6 23.4
153 13.1 10.6 15.8





#17
Acenaphthene
Concen: 0.376 ng
RT: 14.484 min Scan# 1458
Delta R.T. -0.011 min
Lab File: BN038232.D
Acq: 01 Dec 2025 19:04

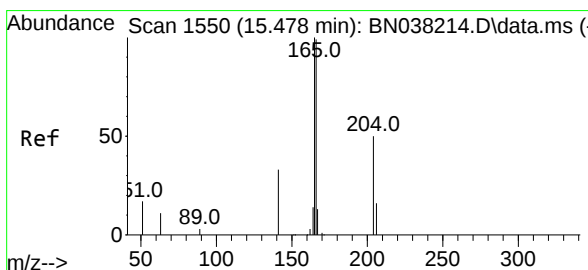
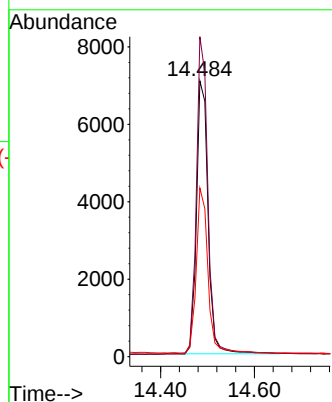
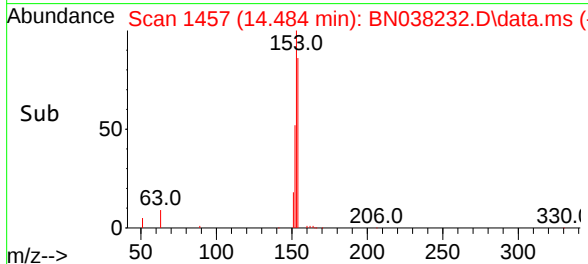
Instrument :
BNA_N
ClientSampleId :
PB170712BS



Tgt Ion:154 Resp: 12125
Ion Ratio Lower Upper
154 100
153 115.2 91.1 136.7
152 60.7 48.2 72.2

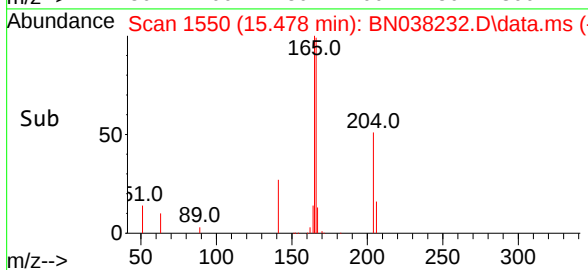
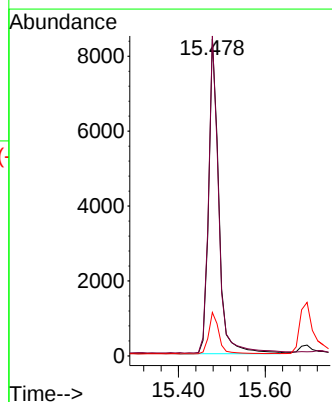
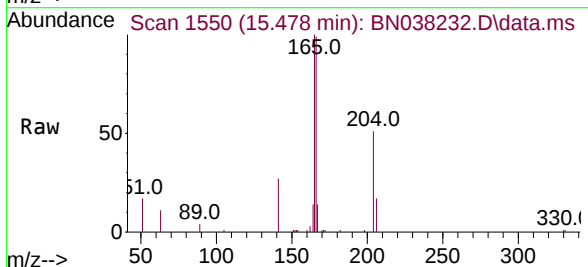
Manual Integrations
APPROVED

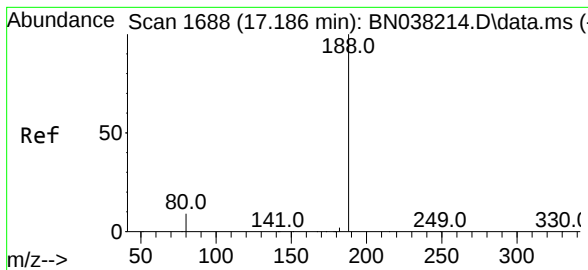
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#18
Fluorene
Concen: 0.349 ng
RT: 15.478 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BN038232.D
Acq: 01 Dec 2025 19:04

Tgt Ion:166 Resp: 14602
Ion Ratio Lower Upper
166 100
165 100.1 78.7 118.1
167 13.2 10.9 16.3





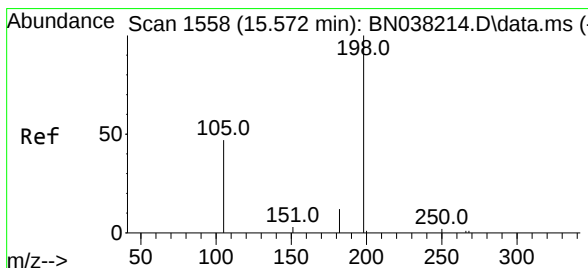
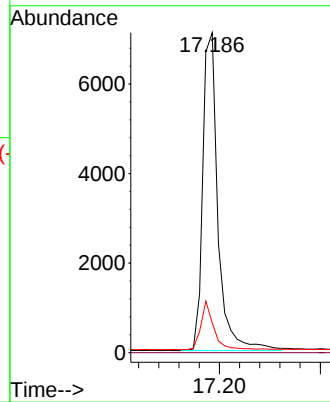
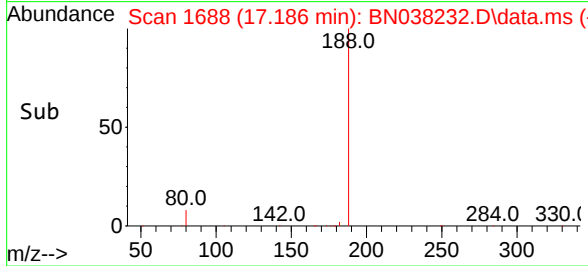
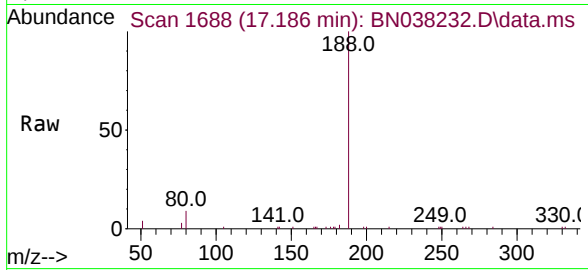
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038232.D
Acq: 01 Dec 2025 19:04

Instrument :
BNA_N
ClientSampleId :
PB170712BS

Tgt Ion:188 Resp: 14739
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 7.7 11.5

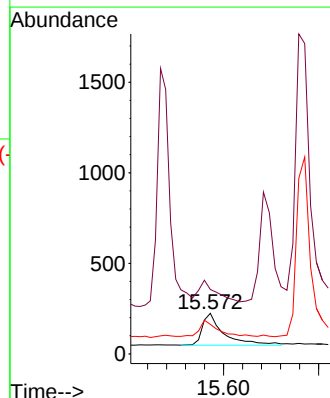
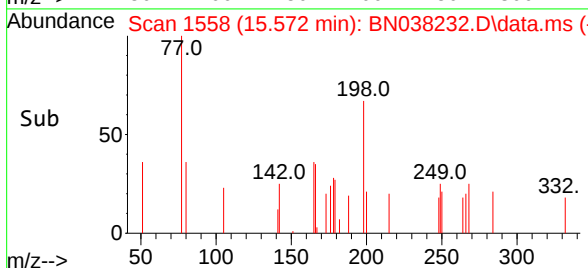
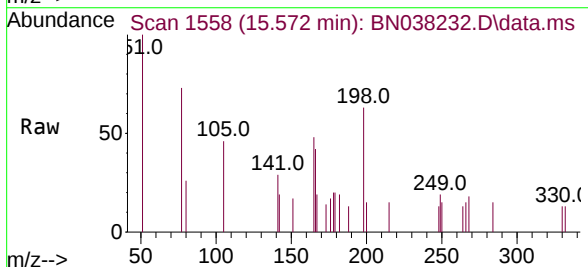
Manual Integrations
APPROVED

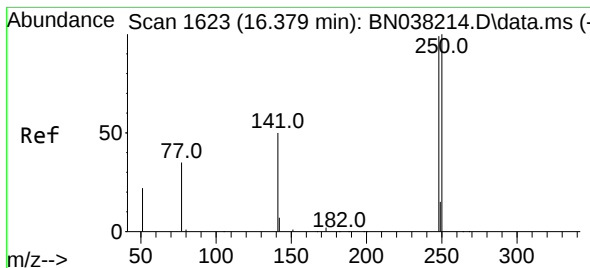
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#20
4,6-Dinitro-2-methylphenol
Concen: 0.510 ng
RT: 15.572 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BN038232.D
Acq: 01 Dec 2025 19:04

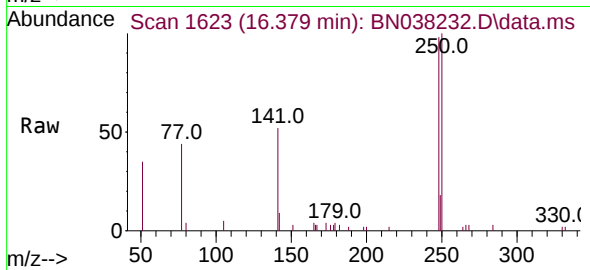
Tgt Ion:198 Resp: 547
Ion Ratio Lower Upper
198 100
51 158.9 205.1 307.7#
105 72.8 61.6 92.4





#21
4-Bromophenyl-phenylether
Concen: 0.383 ng
RT: 16.379 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BN038232.D
Acq: 01 Dec 2025 19:04

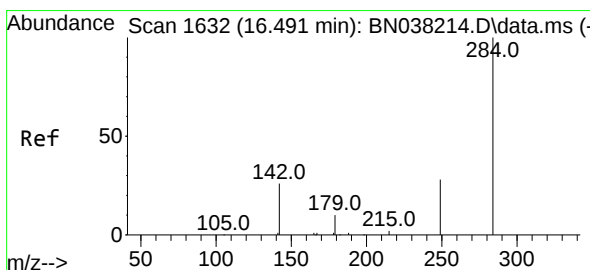
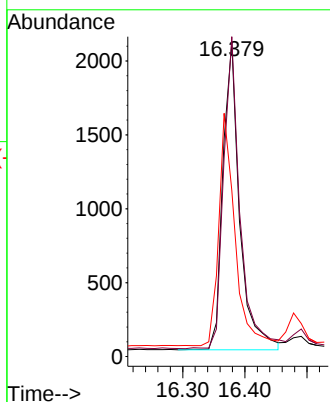
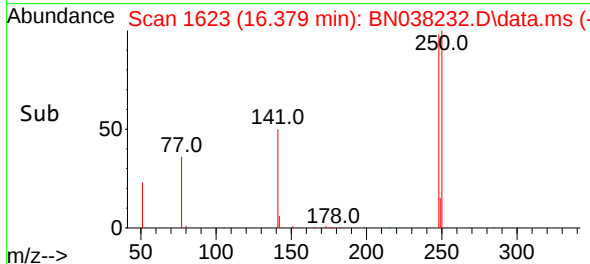
Instrument :
BNA_N
ClientSampleId :
PB170712BS



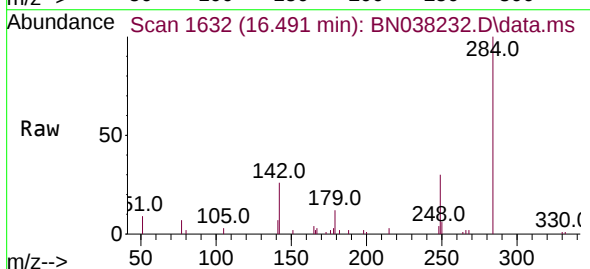
Tgt Ion:248 Resp: 3913
Ion Ratio Lower Upper
248 100
250 101.9 80.8 121.2
141 53.0 41.0 61.6

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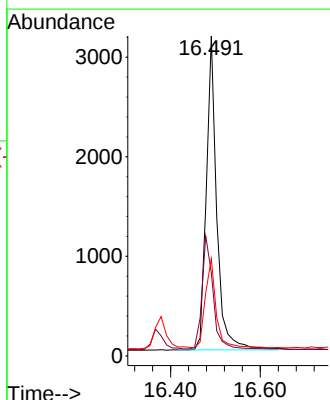
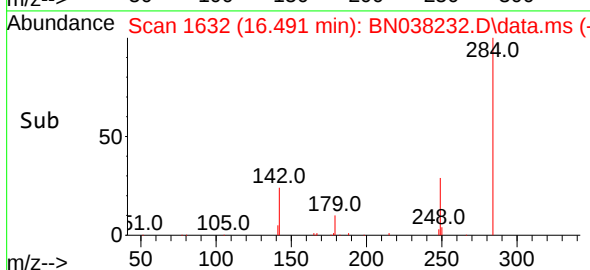
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

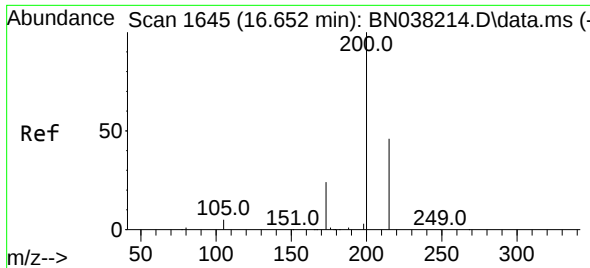


#22
Hexachlorobenzene
Concen: 0.409 ng
RT: 16.491 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BN038232.D
Acq: 01 Dec 2025 19:04



Tgt Ion:284 Resp: 5133
Ion Ratio Lower Upper
284 100
142 37.8 30.5 45.7
249 29.7 23.8 35.8





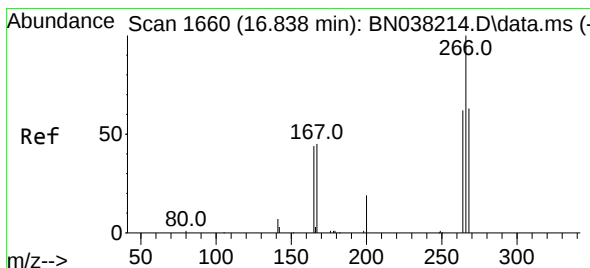
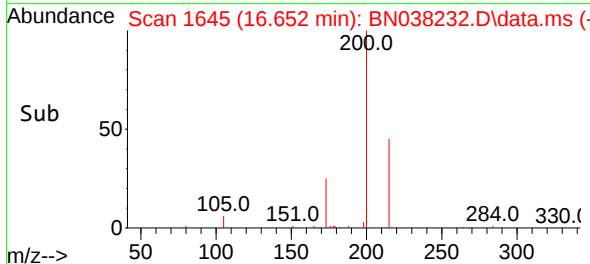
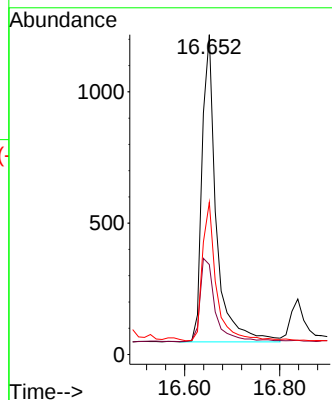
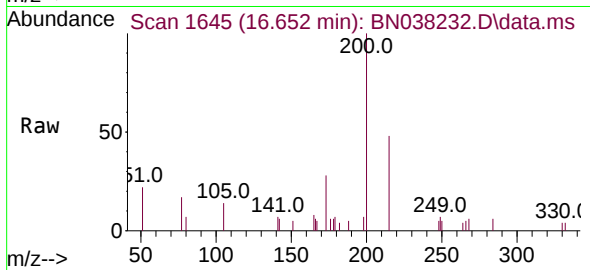
#23
Atrazine
Concen: 0.372 ng
RT: 16.652 min Scan# 1645
Delta R.T. 0.000 min
Lab File: BN038232.D
Acq: 01 Dec 2025 19:04

Instrument :
BNA_N
ClientSampleId :
PB170712BS

Tgt Ion:200 Resp: 2423
Ion Ratio Lower Upper
200 100
173 28.1 21.0 31.6
215 47.5 37.8 56.8

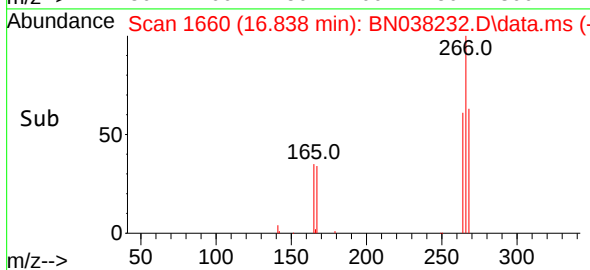
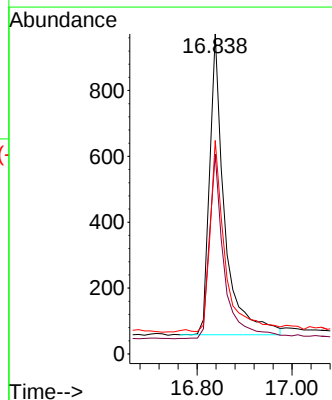
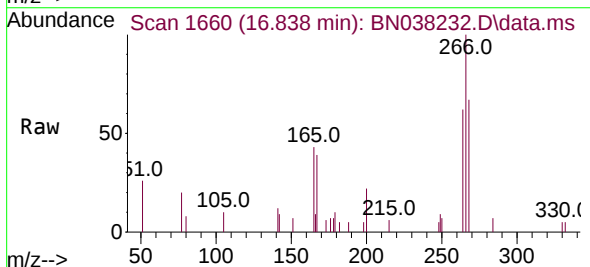
Manual Integrations
APPROVED

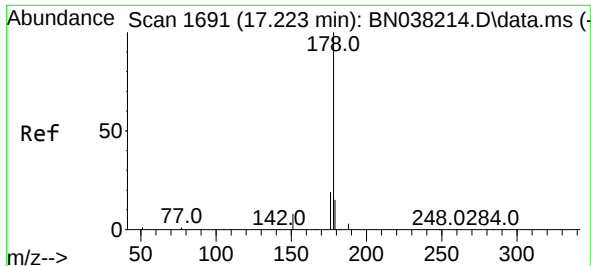
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#24
Pentachlorophenol
Concen: 0.581 ng
RT: 16.838 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BN038232.D
Acq: 01 Dec 2025 19:04

Tgt Ion:266 Resp: 1999
Ion Ratio Lower Upper
266 100
264 60.8 48.9 73.3
268 65.0 50.2 75.2





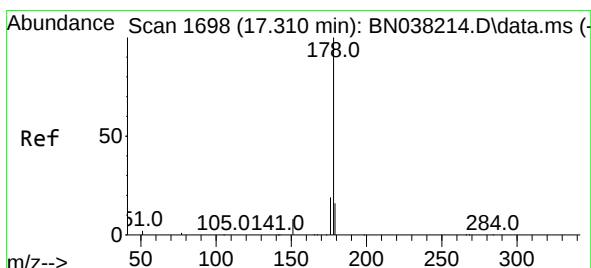
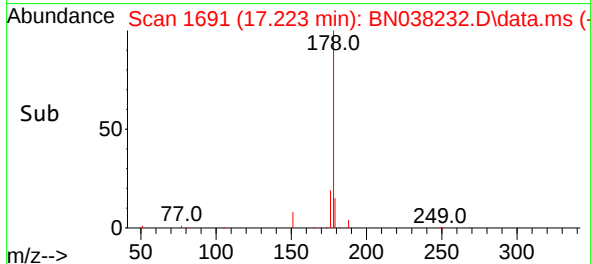
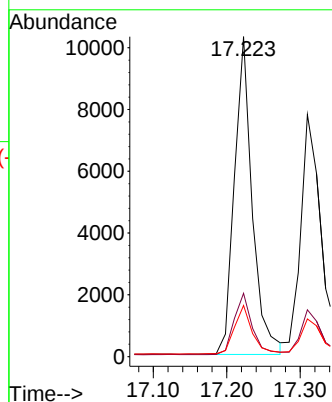
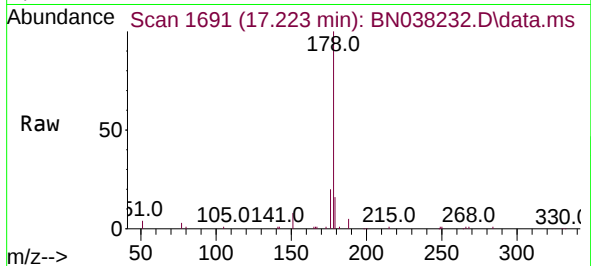
#25
Phenanthrene
Concen: 0.376 ng
RT: 17.223 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN038232.D
Acq: 01 Dec 2025 19:04

Instrument :
BNA_N
ClientSampleId :
PB170712BS

Tgt Ion:178 Resp: 17412
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.3 12.0 18.0

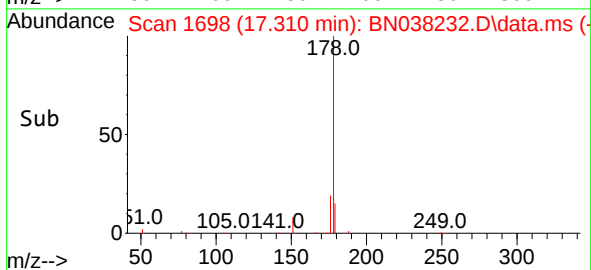
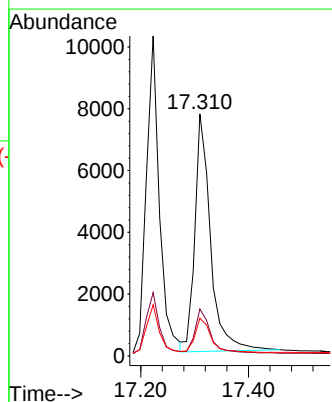
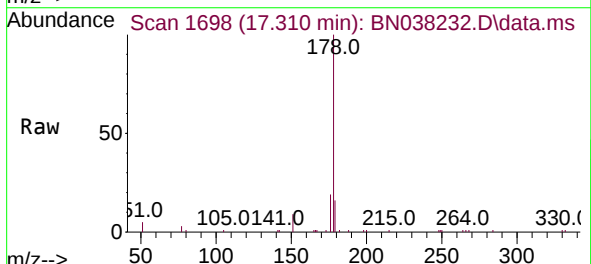
Manual Integrations
APPROVED

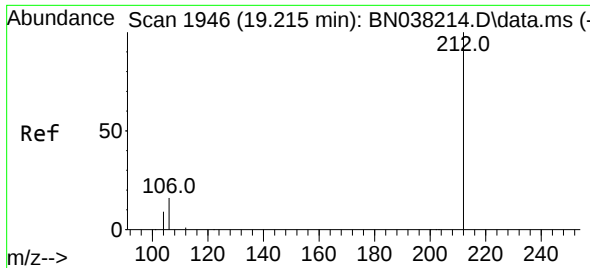
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#26
Anthracene
Concen: 0.394 ng
RT: 17.310 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN038232.D
Acq: 01 Dec 2025 19:04

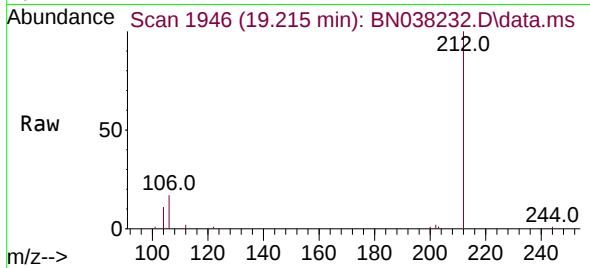
Tgt Ion:178 Resp: 15544
Ion Ratio Lower Upper
178 100
176 19.0 14.7 22.1
179 15.0 12.3 18.5





#27
Fluoranthene-d10
Concen: 0.359 ng
RT: 19.215 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BN038232.D
Acq: 01 Dec 2025 19:04

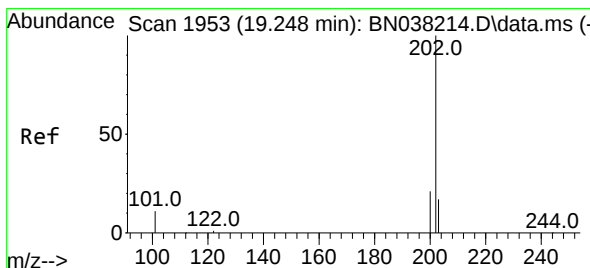
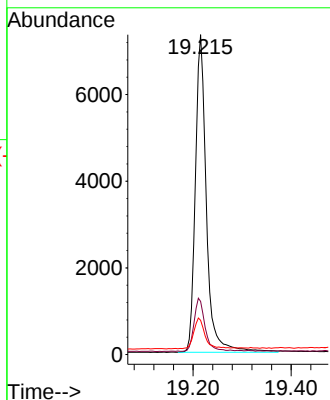
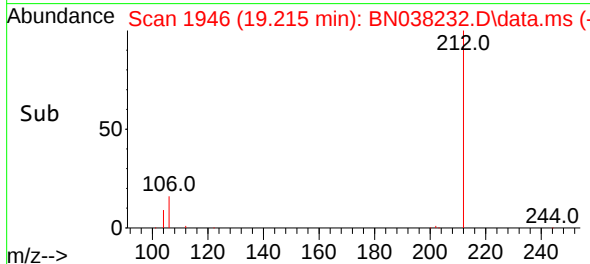
Instrument :
BNA_N
ClientSampleId :
PB170712BS



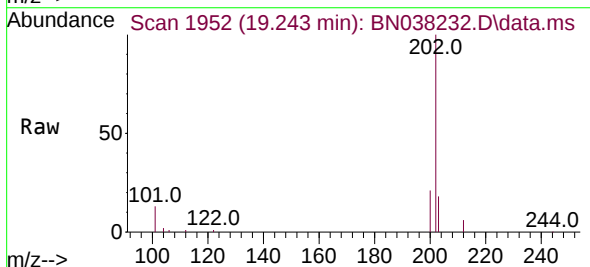
Tgt Ion:212 Resp: 11485
Ion Ratio Lower Upper
212 100
106 16.6 12.7 19.1
104 9.9 7.3 10.9

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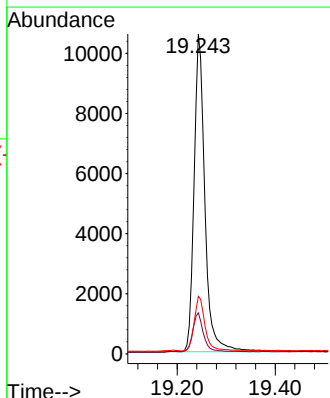
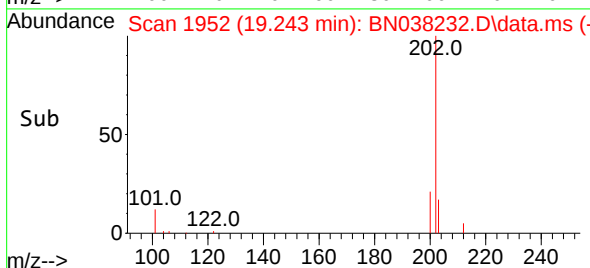
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

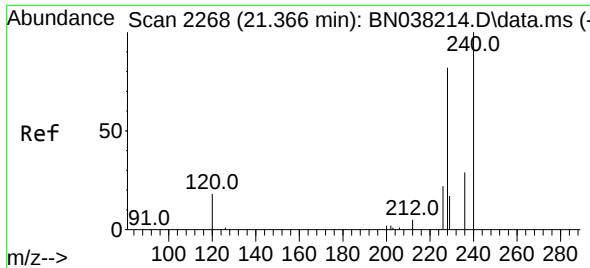


#28
Fluoranthene
Concen: 0.363 ng
RT: 19.243 min Scan# 1952
Delta R.T. -0.005 min
Lab File: BN038232.D
Acq: 01 Dec 2025 19:04



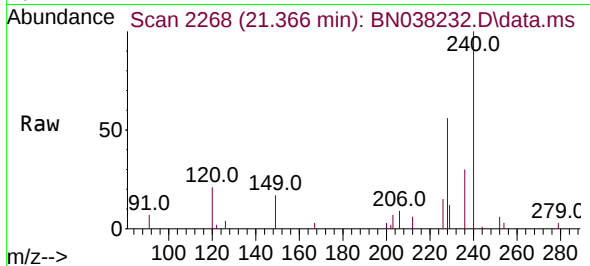
Tgt Ion:202 Resp: 16190
Ion Ratio Lower Upper
202 100
101 11.9 9.8 14.6
203 17.2 13.6 20.4





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.366 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038232.D
Acq: 01 Dec 2025 19:04

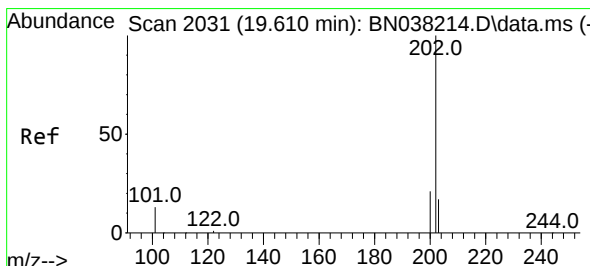
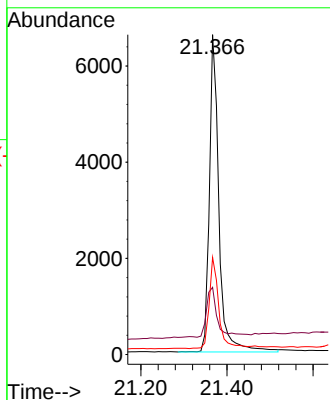
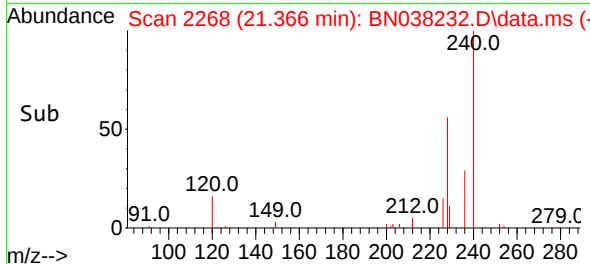
Instrument :
BNA_N
ClientSampleId :
PB170712BS



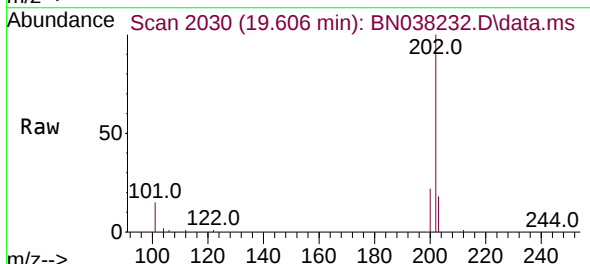
Tgt Ion:240 Resp: 10142
Ion Ratio Lower Upper
240 100
120 21.0 18.1 27.1
236 30.4 24.2 36.4

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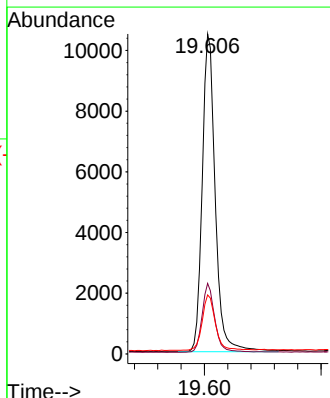
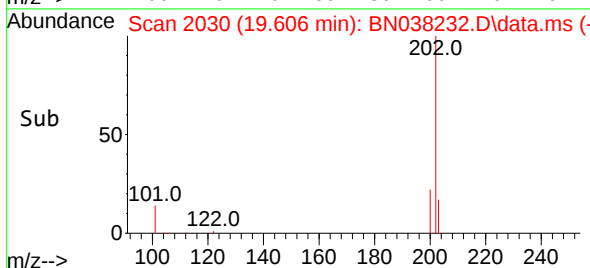
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

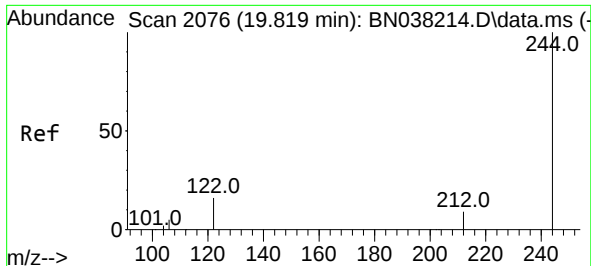


#30
Pyrene
Concen: 0.319 ng
RT: 19.606 min Scan# 2030
Delta R.T. -0.005 min
Lab File: BN038232.D
Acq: 01 Dec 2025 19:04



Tgt Ion:202 Resp: 16181
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.8 14.4 21.6





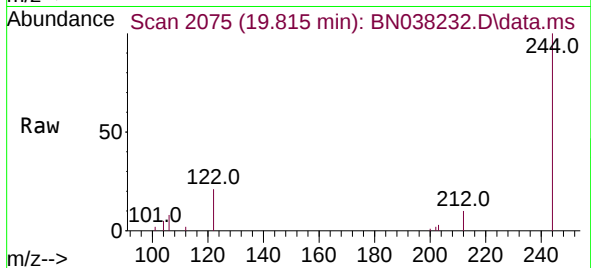
#31
Terphenyl-d14
Concen: 0.363 ng
RT: 19.815 min Scan# 2076
Delta R.T. -0.005 min
Lab File: BN038232.D
Acq: 01 Dec 2025 19:04

Instrument :

BNA_N

ClientSampleId :

PB170712BS

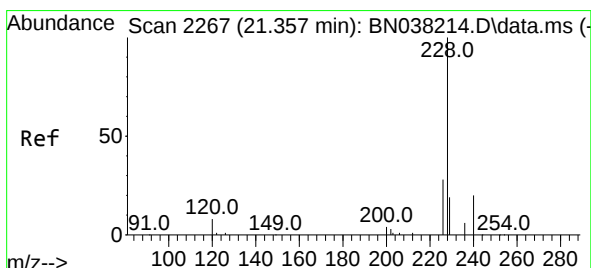
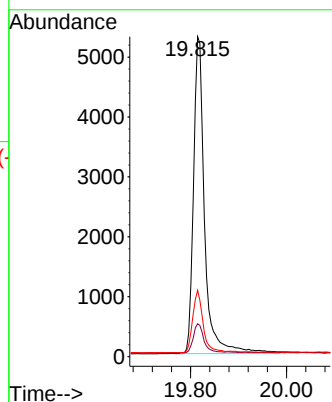
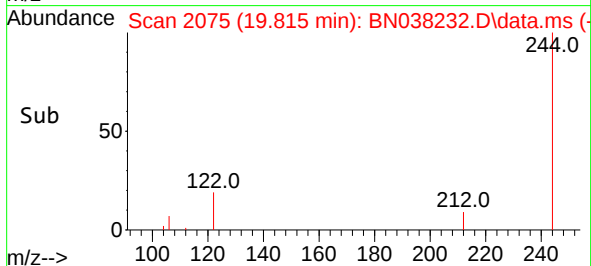


Tgt Ion:244 Resp: 8499
Ion Ratio Lower Upper
244 100
212 10.3 7.7 11.5
122 20.7 13.6 20.4

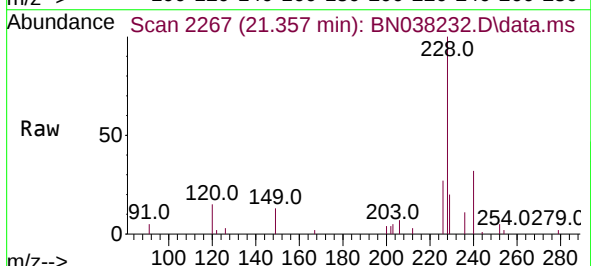
Manual Integrations

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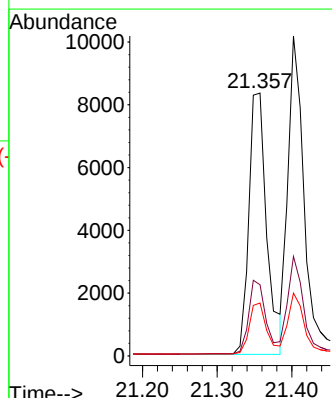
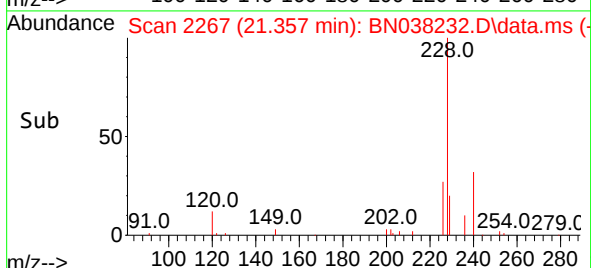
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

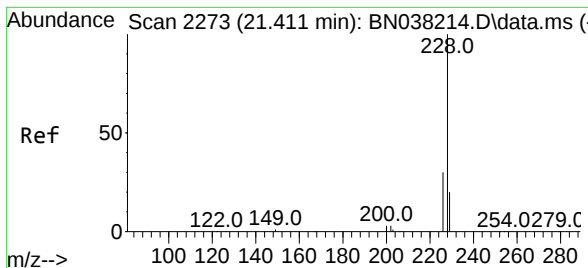


#32
Benzo(a)anthracene
Concen: 0.405 ng
RT: 21.357 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BN038232.D
Acq: 01 Dec 2025 19:04



Tgt Ion:228 Resp: 13901
Ion Ratio Lower Upper
228 100
226 27.1 22.6 33.8
229 20.1 15.8 23.8





#33

Chrysene

Concen: 0.386 ng

RT: 21.402 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN038232.D

Acq: 01 Dec 2025 19:04

Instrument :

BNA_N

ClientSampleId :

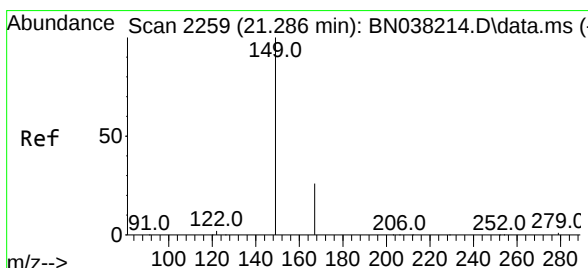
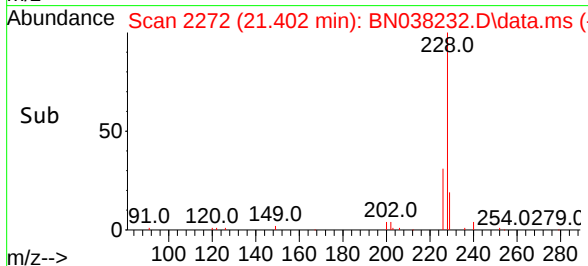
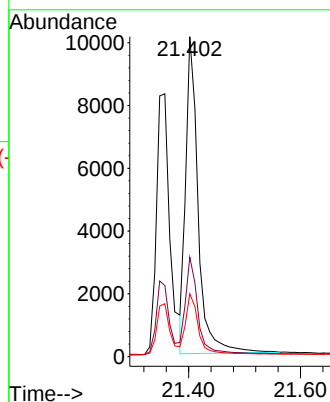
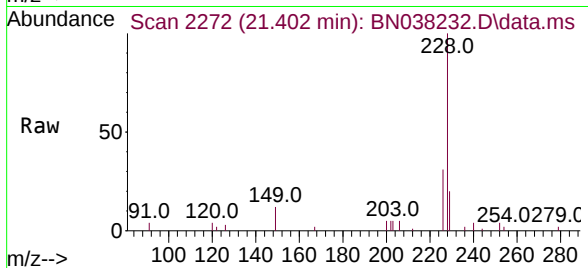
PB170712BS

Tgt Ion:	228	Resp:	1564
Ion Ratio	Lower	Upper	
228	100		
226	31.1	23.8	35.8
229	19.6	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: 0.331 ng

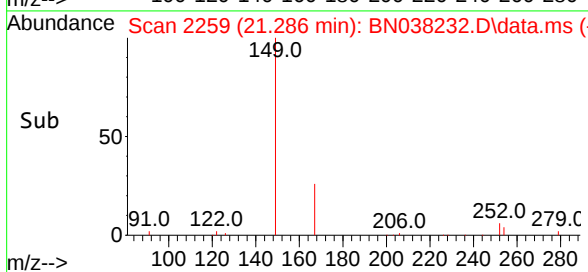
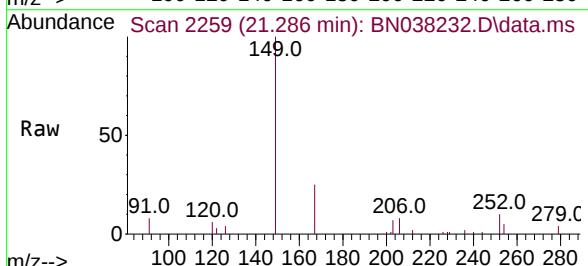
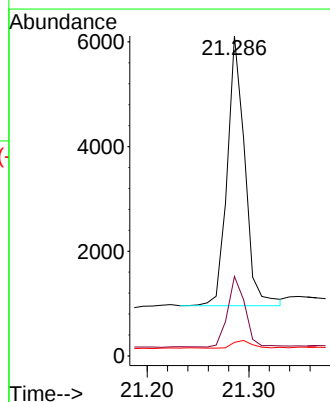
RT: 21.286 min Scan# 2259

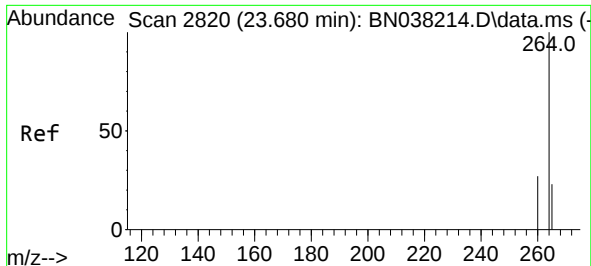
Delta R.T. 0.000 min

Lab File: BN038232.D

Acq: 01 Dec 2025 19:04

Tgt Ion:	149	Resp:	6216
Ion Ratio	Lower	Upper	
149	100		
167	25.8	20.7	31.1
279	3.1	2.5	3.7





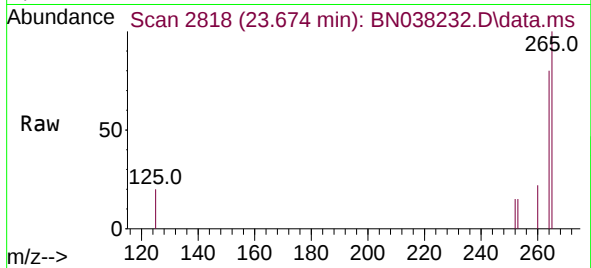
#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.674 min Scan# 2818
 Delta R.T. -0.006 min
 Lab File: BN038232.D
 Acq: 01 Dec 2025 19:04

Instrument :

BNA_N

ClientSampleId :

PB170712BS

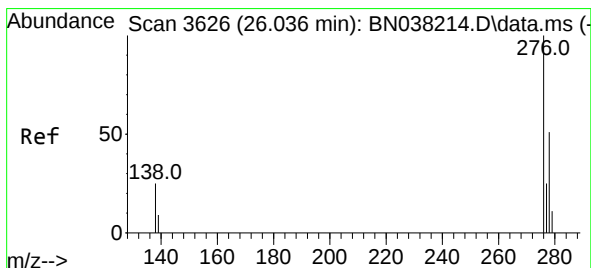
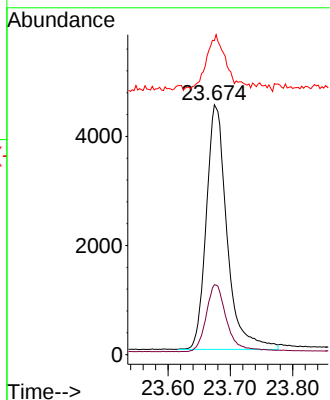
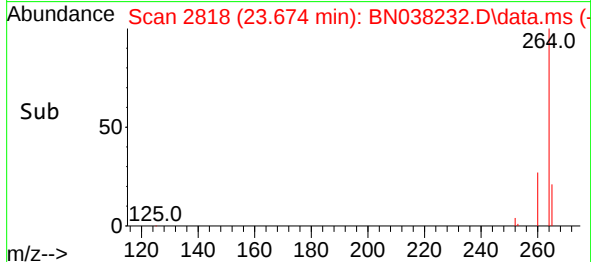


Tgt Ion:264 Resp: 10375
 Ion Ratio Lower Upper
 264 100
 260 28.0 21.7 32.5
 265 125.7 98.0 147.0

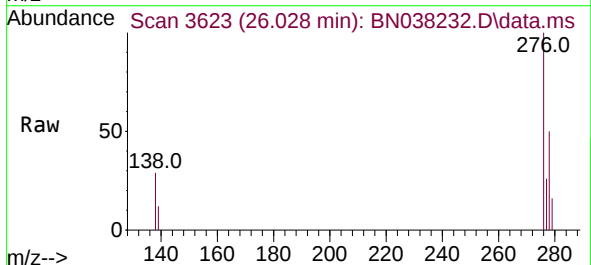
Manual Integrations

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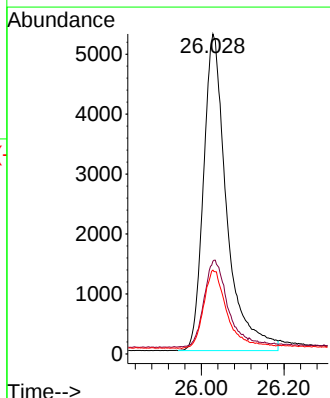
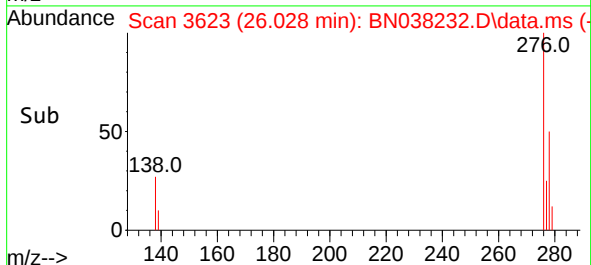
Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

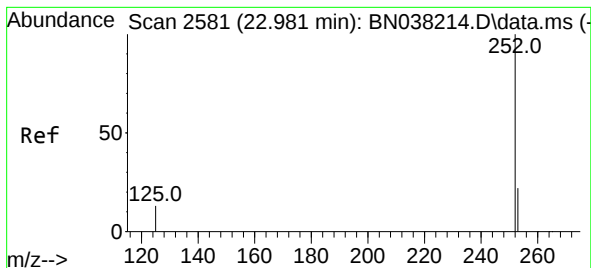


#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.429 ng
 RT: 26.028 min Scan# 3623
 Delta R.T. -0.009 min
 Lab File: BN038232.D
 Acq: 01 Dec 2025 19:04



Tgt Ion:276 Resp: 20586
 Ion Ratio Lower Upper
 276 100
 138 28.8 21.4 32.2
 277 25.4 19.1 28.7





#37

Benzo(b)fluoranthene

Concen: 0.377 ng

RT: 22.978 min Scan# 2580

Delta R.T. -0.003 min

Lab File: BN038232.D

Acq: 01 Dec 2025 19:04

Instrument :

BN038232.D

ClientSampleId :

PB170712BS

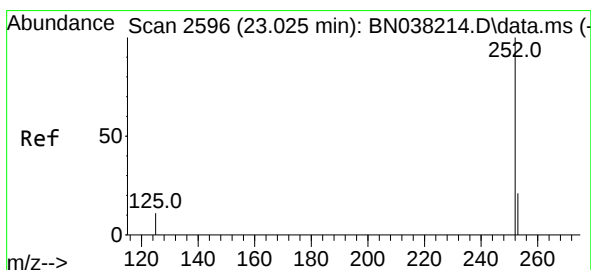
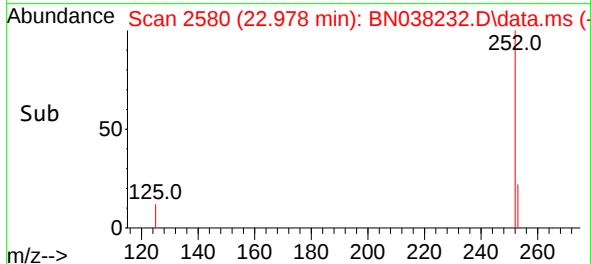
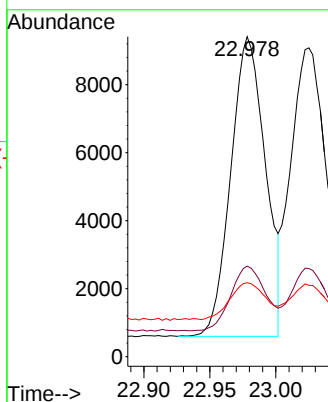
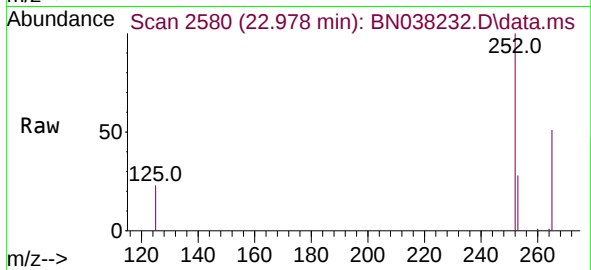
Tgt Ion:252 Resp: 16065

Ion	Ratio	Lower	Upper
252	100		
253	28.3	22.2	33.4
125	23.1	18.0	27.0

Manual Integrations

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



#38

Benzo(k)fluoranthene

Concen: 0.387 ng

RT: 23.025 min Scan# 2596

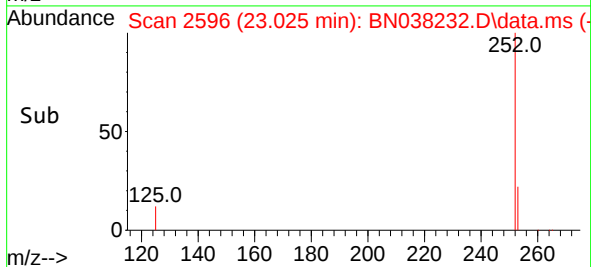
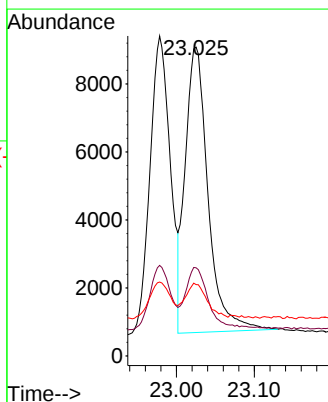
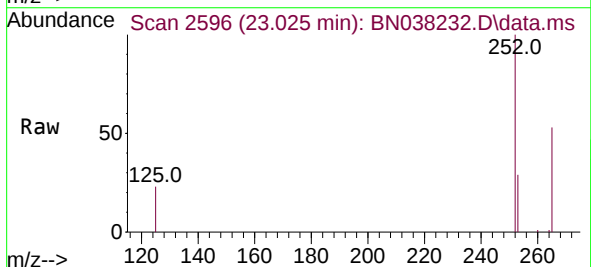
Delta R.T. 0.000 min

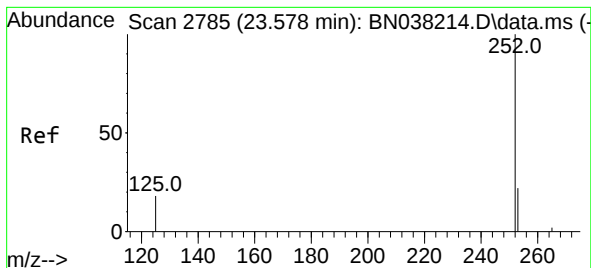
Lab File: BN038232.D

Acq: 01 Dec 2025 19:04

Tgt Ion:252 Resp: 17114

Ion	Ratio	Lower	Upper
252	100		
253	28.5	22.4	33.6
125	23.1	17.5	26.3





#39

Benzo(a)pyrene

Concen: 0.410 ng

RT: 23.575 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN038232.D

Acq: 01 Dec 2025 19:04

Instrument :

BNA_N

ClientSampleId :

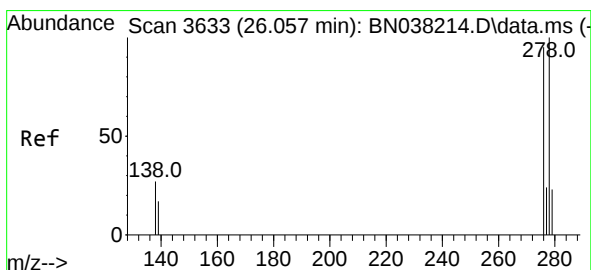
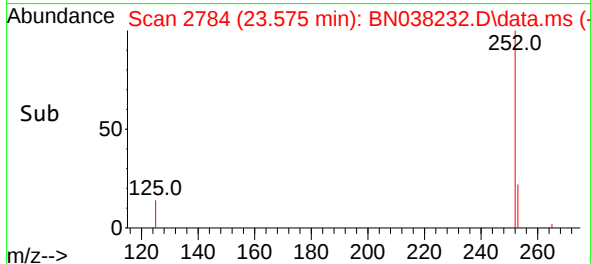
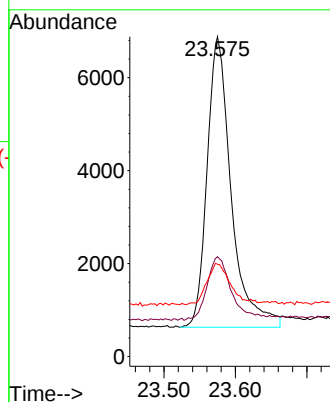
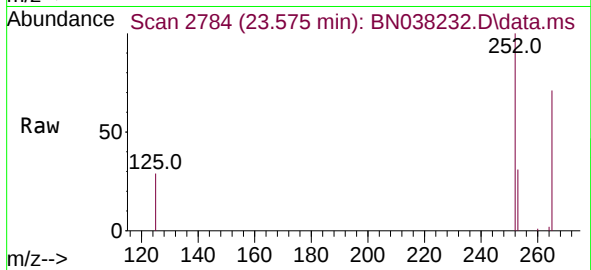
PB170712BS

Tgt Ion:	252	Resp:	14650
Ion Ratio	Lower	Upper	
252	100		
253	31.2	25.3	37.9
125	28.9	25.2	37.8

Manual Integrations

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



#40

Dibenzo(a,h)anthracene

Concen: 0.435 ng

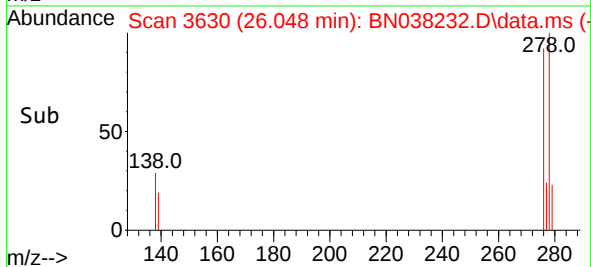
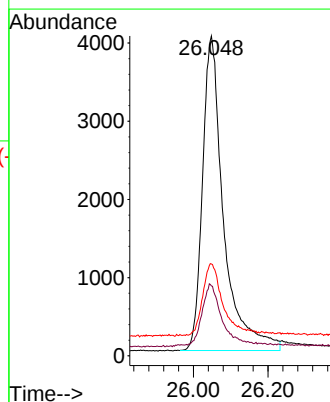
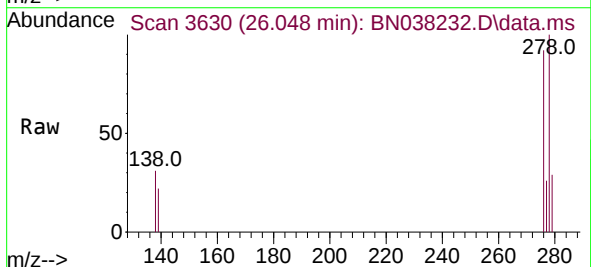
RT: 26.048 min Scan# 3630

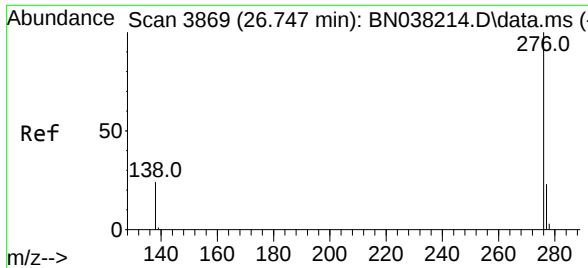
Delta R.T. -0.009 min

Lab File: BN038232.D

Acq: 01 Dec 2025 19:04

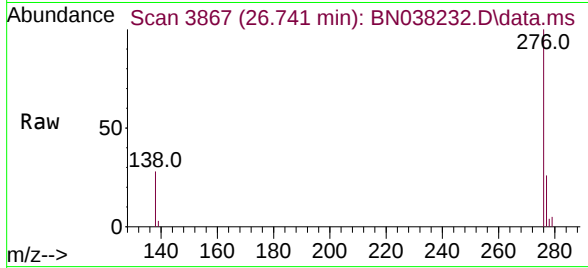
Tgt Ion:	278	Resp:	15805
Ion Ratio	Lower	Upper	
278	100		
139	21.8	17.6	26.4
279	28.7	24.2	36.4





#41
 Benzo(g,h,i)perylene
 Concen: 0.416 ng
 RT: 26.741 min Scan# 3867
 Delta R.T. -0.006 min
 Lab File: BN038232.D
 Acq: 01 Dec 2025 19:04

Instrument :
 BNA_N
 ClientSampleId :
 PB170712BS



Tgt Ion:	276	Resp:	18052
Ion Ratio	Lower	Upper	
276	100		
277	25.6	20.2	30.2
138	27.6	20.8	31.2

Manual Integrations
 APPROVED

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

