

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
 Data File : BN037810.D
 Acq On : 19 Sep 2025 12:27
 Operator : RC/JU
 Sample : Q3127-15MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT119S1-20250916MSD

Quant Time: Sep 19 13:03:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 14:20:01 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/22/2025
 Supervised By :mohammad ahmed 09/23/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	5675	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	15407	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	6857	0.400	ng	-0.01
19) Phenanthrene-d10	17.223	188	11592	0.400	ng	-0.01
29) Chrysene-d12	21.411	240	10004	0.400	ng	0.00
35) Perylene-d12	23.741	264	9737	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.391	112	1897	0.146	ng	0.00
5) Phenol-d6	6.980	99	1434	0.085	ng	0.00
8) Nitrobenzene-d5	8.982	82	3901	0.346	ng	-0.01
11) 2-Methylnaphthalene-d10	12.227	152	6304m	0.309	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	782	0.437	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	10028	0.350	ng	-0.01
27) Fluoranthene-d10	19.262	212	10760	0.370	ng	0.00
31) Terphenyl-d14	19.861	244	8455	0.416	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.297	88	2066	0.350	ng	# 93
3) n-Nitrosodimethylamine	3.600	42	1165	0.151	ng	# 74
6) bis(2-Chloroethyl)ether	7.248	93	5222	0.346	ng	100
9) Naphthalene	10.680	128	13821	0.328	ng	100
10) Hexachlorobutadiene	10.989	225	2343	0.308	ng	# 99
12) 2-Methylnaphthalene	12.303	142	7743	0.297	ng	98
16) Acenaphthylene	14.195	152	11528	0.367	ng	99
17) Acenaphthene	14.548	154	7272	0.342	ng	99
18) Fluorene	15.535	166	8661	0.336	ng	99
20) 4,6-Dinitro-2-methylph...	15.597	198	404	0.376	ng	92
21) 4-Bromophenyl-phenylether	16.429	248	2790	0.369	ng	98
22) Hexachlorobenzene	16.540	284	3269	0.376	ng	99
23) Atrazine	16.689	200	1858	0.386	ng	96
24) Pentachlorophenol	16.875	266	1907	0.755	ng	96
25) Phenanthrene	17.273	178	14009	0.384	ng	100
26) Anthracene	17.359	178	11991	0.371	ng	99
28) Fluoranthene	19.290	202	14730	0.368	ng	# 95
30) Pyrene	19.652	202	14951	0.382	ng	100
32) Benzo(a)anthracene	21.393	228	13905	0.399	ng	99
33) Chrysene	21.447	228	14913	0.399	ng	99
34) Bis(2-ethylhexyl)phtha...	21.331	149	5161	0.499	ng	98
36) Indeno(1,2,3-cd)pyrene	26.121	276	16404	0.401	ng	99
37) Benzo(b)fluoranthene	23.037	252	15470	0.403	ng	# 96
38) Benzo(k)fluoranthene	23.084	252	15665	0.401	ng	96
39) Benzo(a)pyrene	23.636	252	12334	0.402	ng	# 96
40) Dibenzo(a,h)anthracene	26.142	278	13012	0.398	ng	99
41) Benzo(g,h,i)perylene	26.849	276	12751	0.348	ng	99

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

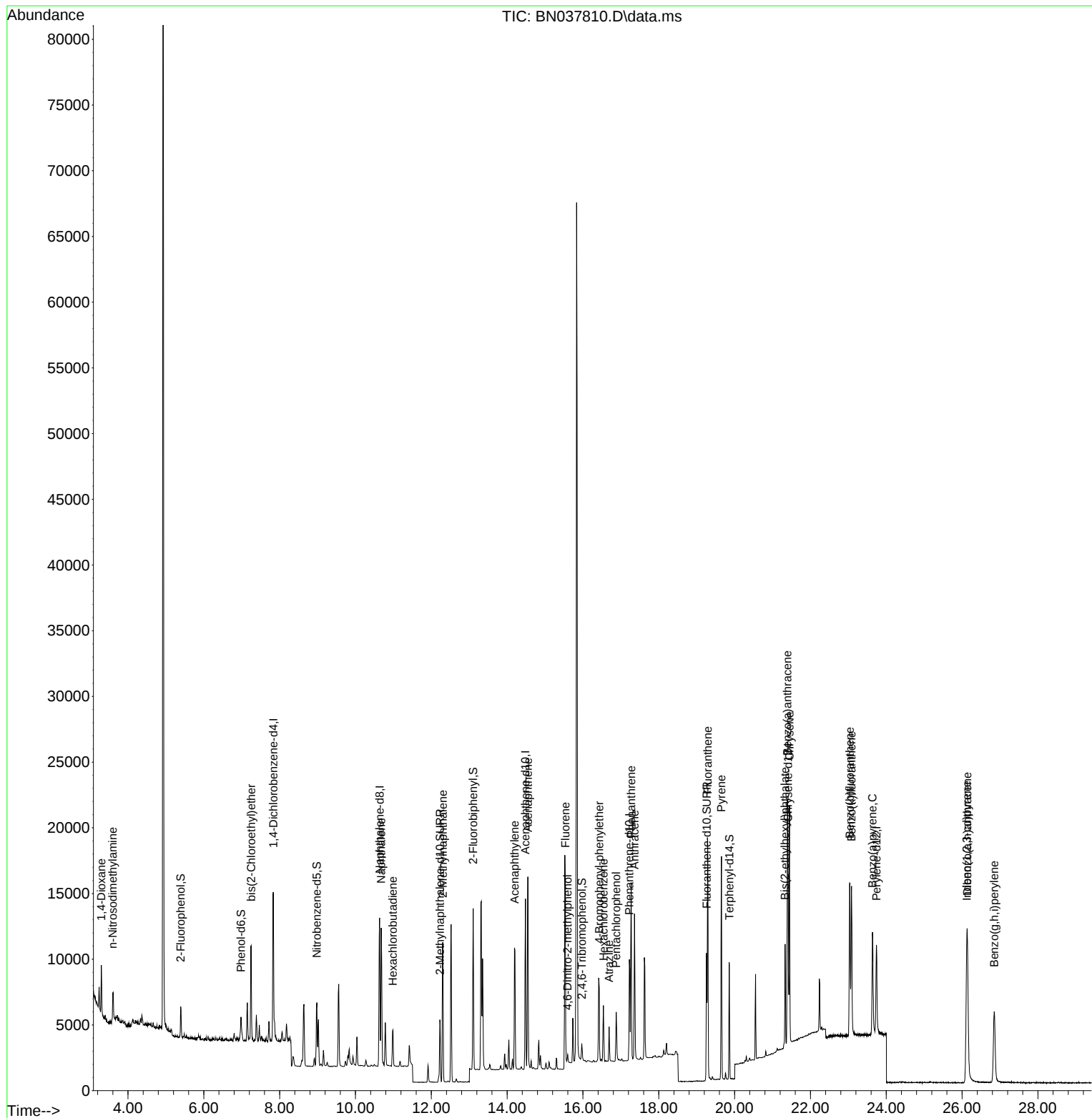
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 Data File : BN037810.D
 Acq On : 19 Sep 2025 12:27
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Instrument :
 BNA_N
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 TT119S1-20250916MSD

Quant Time: Sep 19 13:03:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 14:20:01 2025
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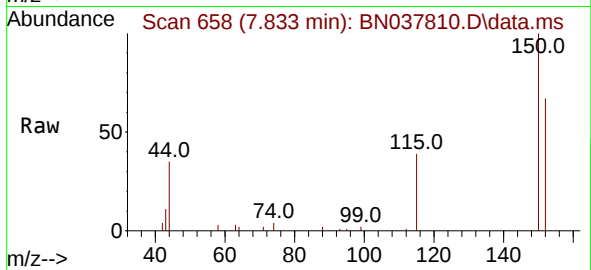
Reviewed By :Rahul Chavli 09/22/2025
 Supervised By :mohammad ahmed 09/23/2025





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037810.D
Acq: 19 Sep 2025 12:27

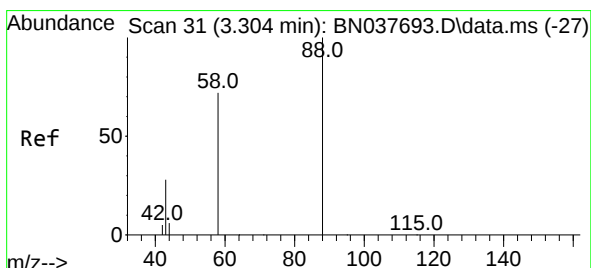
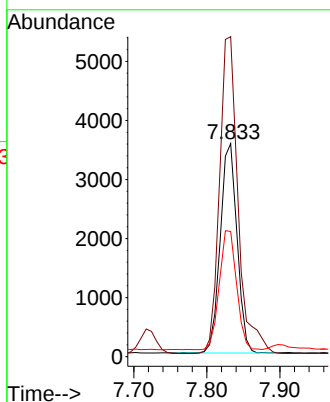
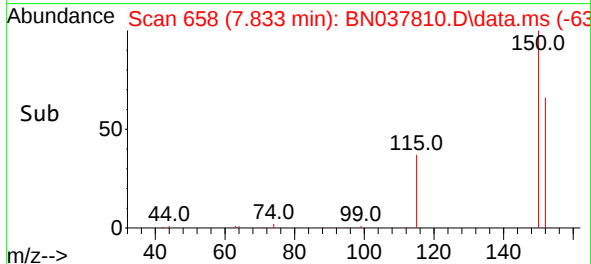
Instrument :
BNA_N
ClientSampleId :
TT119S1-20250916MSD



Tgt Ion:152 Resp: 5679
Ion Ratio Lower Upper
152 100
150 150.1 124.5 186.7
115 58.8 49.2 73.8

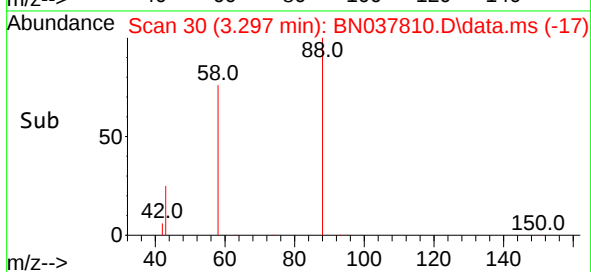
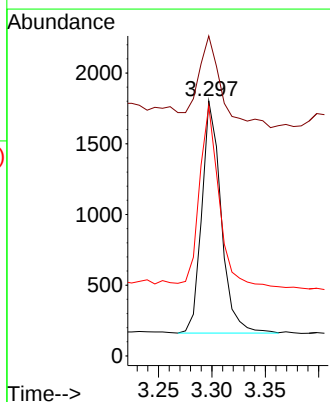
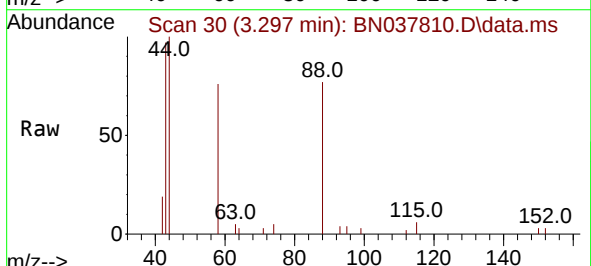
Manual Integrations
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Reviewed By :Rahul Chavli 09/22/2025
Supervised By :mohammad ahmed 09/23/2025



#2
1,4-Dioxane
Concen: 0.350 ng
RT: 3.297 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN037810.D
Acq: 19 Sep 2025 12:27

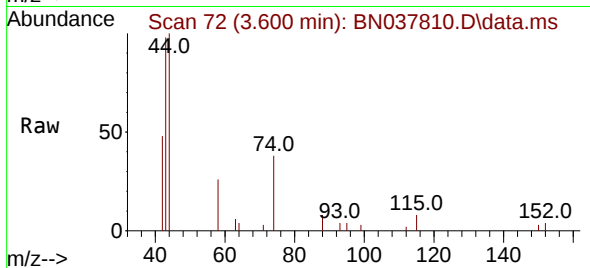
Tgt Ion: 88 Resp: 2066
Ion Ratio Lower Upper
88 100
43 43.1 26.8 40.2#
58 79.7 61.9 92.9





#3
n-Nitrosodimethylamine
Concen: 0.151 ng
RT: 3.600 min Scan# 71
Delta R.T. -0.007 min
Lab File: BN037810.D
Acq: 19 Sep 2025 12:27

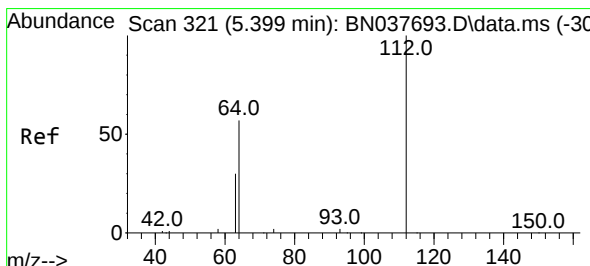
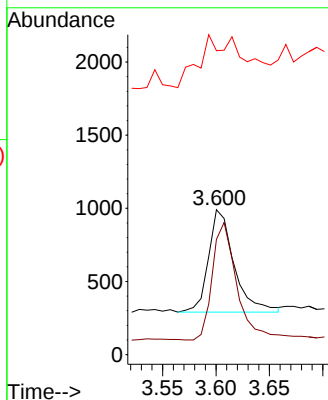
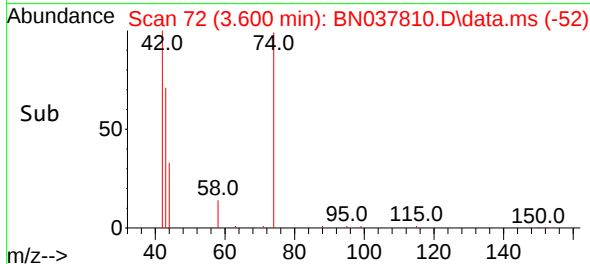
Instrument :
BNA_N
ClientSampleId :
TT119S1-20250916MSD



Tgt Ion: 42 Resp: 116
Ion Ratio Lower Upper
42 100
74 114.0 86.0 129.0
44 95.3 8.4 12.6

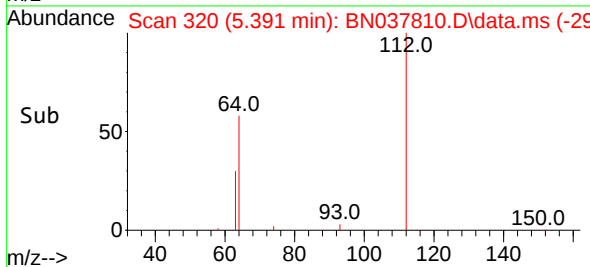
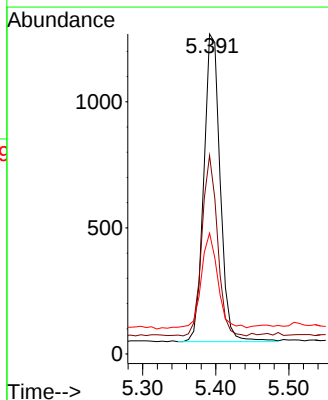
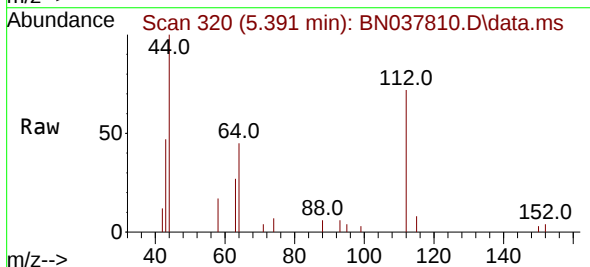
Manual Integrations
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Supervised By :mohammad ahmed 09/23/2025



#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.391 min Scan# 320
Delta R.T. -0.007 min
Lab File: BN037810.D
Acq: 19 Sep 2025 12:27

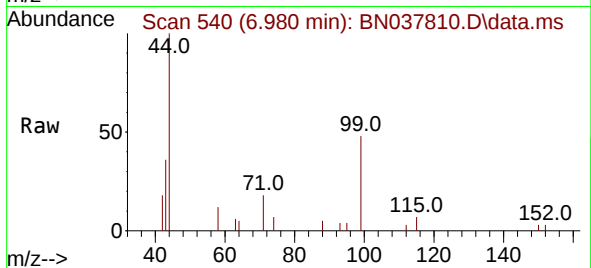
Tgt Ion:112 Resp: 1897
Ion Ratio Lower Upper
112 100
64 55.4 44.9 67.3
63 31.5 24.7 37.1





#5
Phenol-d6
Concen: 0.085 ng
RT: 6.980 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037810.D
Acq: 19 Sep 2025 12:27

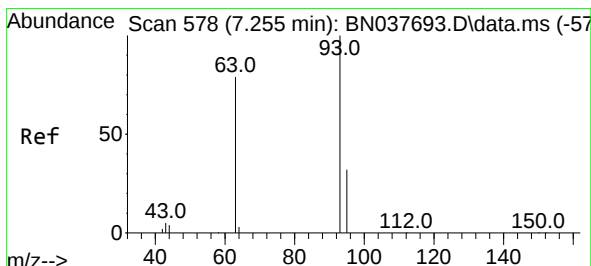
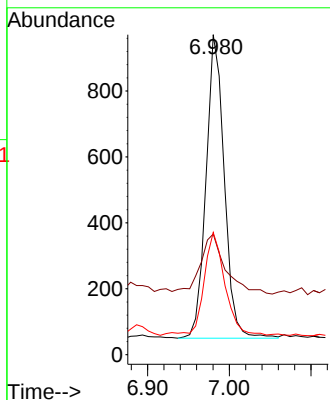
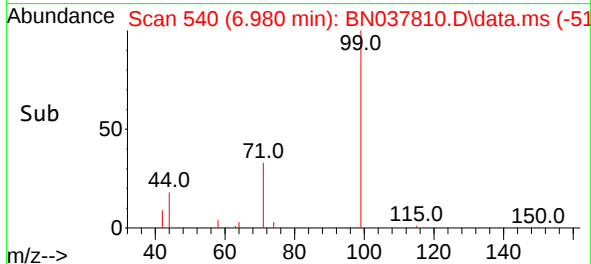
Instrument :
BNA_N
ClientSampleId :
TT119S1-20250916MSD



Tgt Ion: 99 Resp: 1434
Ion Ratio Lower Upper
99 100
42 27.4 16.6 24.8
71 39.0 26.7 40.1

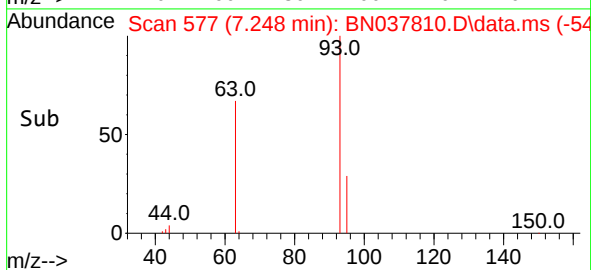
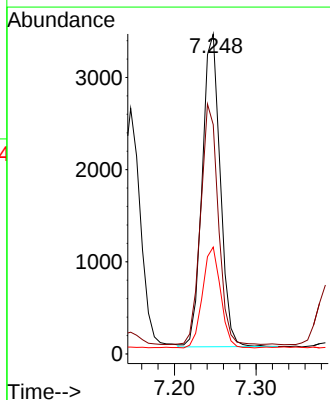
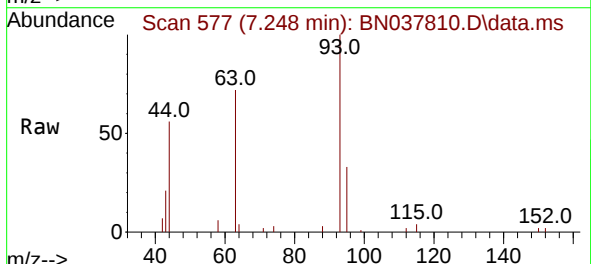
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#6
bis(2-Chloroethyl)ether
Concen: 0.346 ng
RT: 7.248 min Scan# 577
Delta R.T. -0.007 min
Lab File: BN037810.D
Acq: 19 Sep 2025 12:27

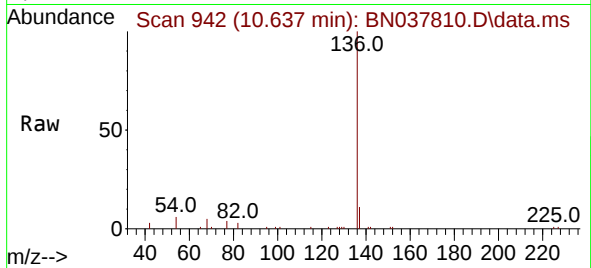
Tgt Ion: 93 Resp: 5222
Ion Ratio Lower Upper
93 100
63 75.5 60.6 90.8
95 32.4 26.0 39.0





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037810.D
Acq: 19 Sep 2025 12:27

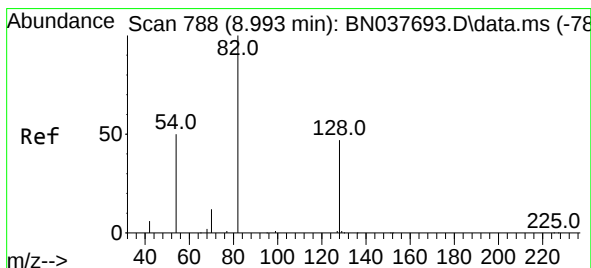
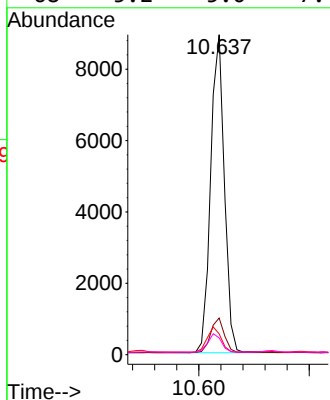
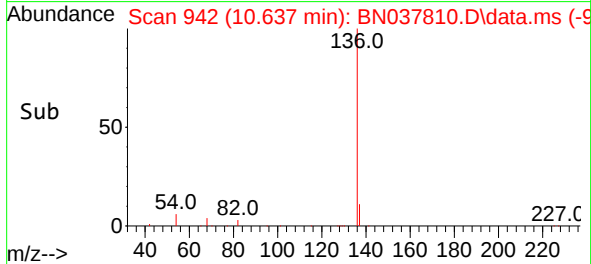
Instrument :
BNA_N
ClientSampleId :
TT119S1-20250916MSD



Tgt Ion:136 Resp: 1540
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 6.5 6.3 9.5
68 5.2 5.0 7.4

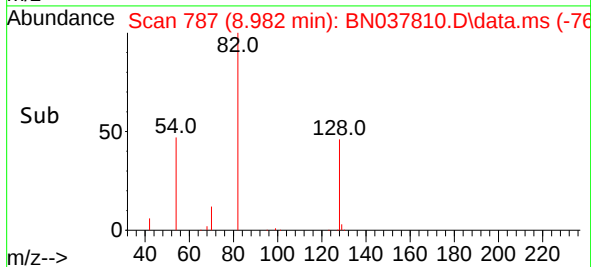
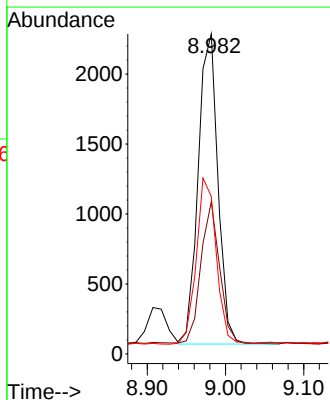
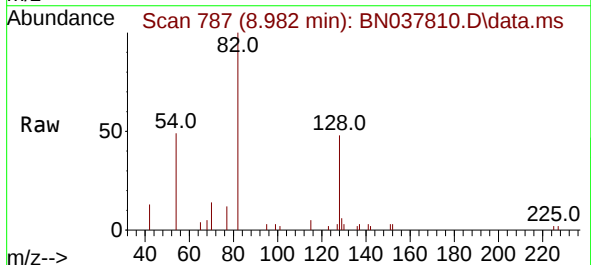
Manual Integrations
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Supervised By :mohammad ahmed 09/23/2025



#8
Nitrobenzene-d5
Concen: 0.346 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037810.D
Acq: 19 Sep 2025 12:27

Tgt Ion: 82 Resp: 3901
Ion Ratio Lower Upper
82 100
128 47.6 38.3 57.5
54 49.2 41.4 62.2





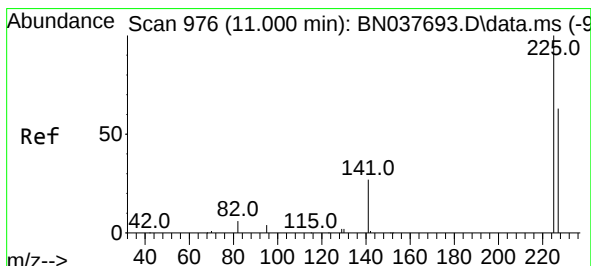
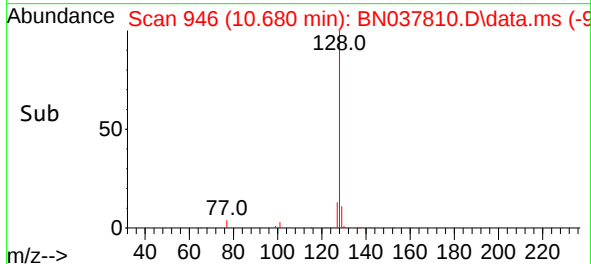
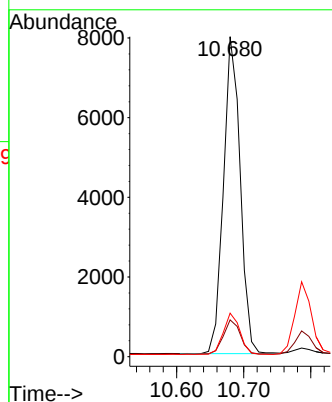
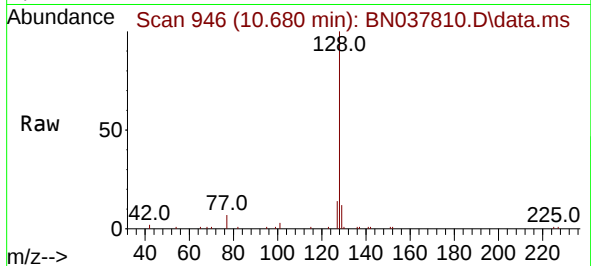
#9
Naphthalene
Concen: 0.328 ng
RT: 10.680 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN037810.D
Acq: 19 Sep 2025 12:27

Instrument :
BNA_N
ClientSampleId :
TT119S1-20250916MSD

Tgt Ion:128 Resp: 1382
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.6 10.9 16.3

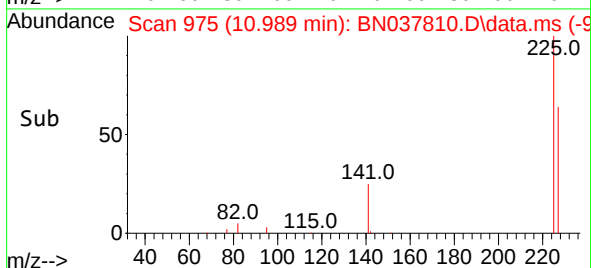
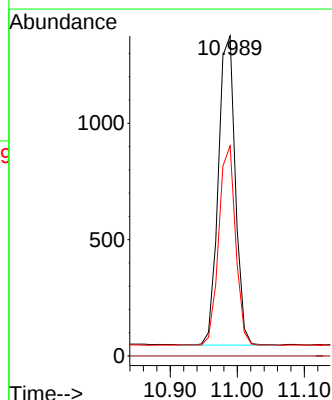
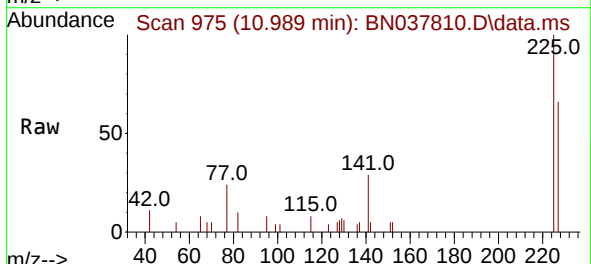
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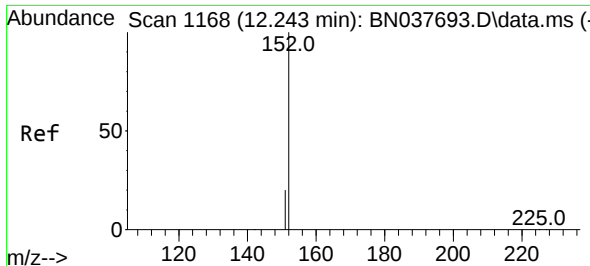
Reviewed By :Rahul Chavli 09/22/2025
Supervised By :mohammad ahmed 09/23/2025



#10
Hexachlorobutadiene
Concen: 0.308 ng
RT: 10.989 min Scan# 975
Delta R.T. -0.011 min
Lab File: BN037810.D
Acq: 19 Sep 2025 12:27

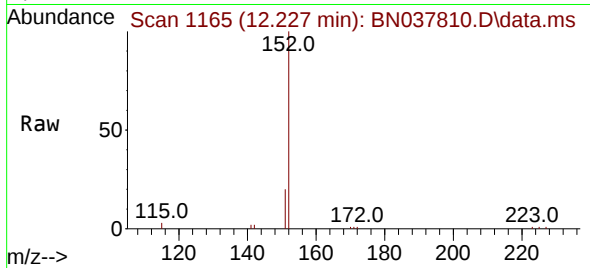
Tgt Ion:225 Resp: 2343
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.1 50.9 76.3





#11
2-Methylnaphthalene-d10
Concen: 0.309 ng m
RT: 12.227 min Scan# 1168
Delta R.T. -0.015 min
Lab File: BN037810.D
Acq: 19 Sep 2025 12:27

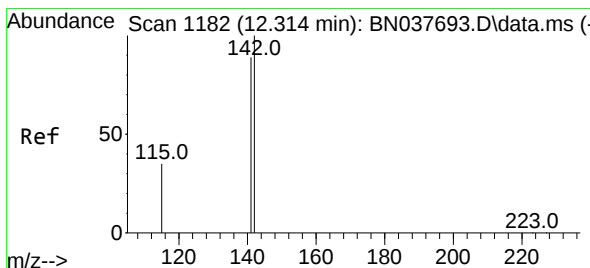
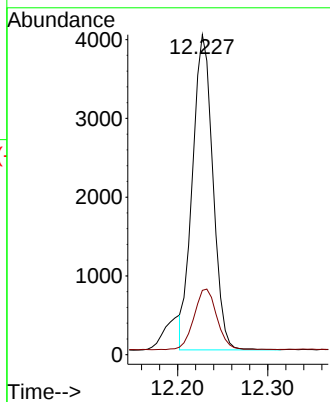
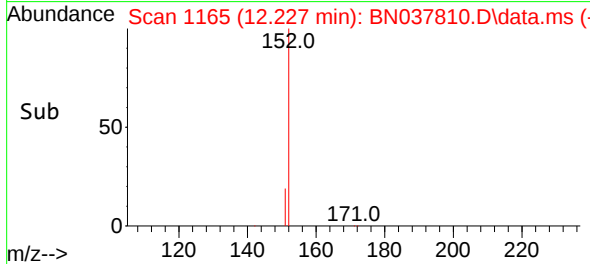
Instrument :
BNA_N
ClientSampleId :
TT119S1-20250916MSD



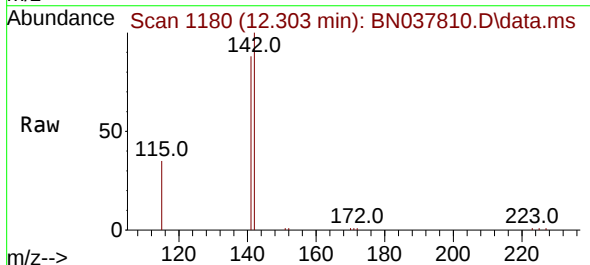
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Ion Ratio Lower Upper
152 100
151 21.7 17.0 25.6

Manual Integrations
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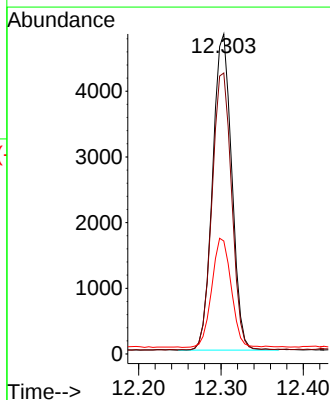
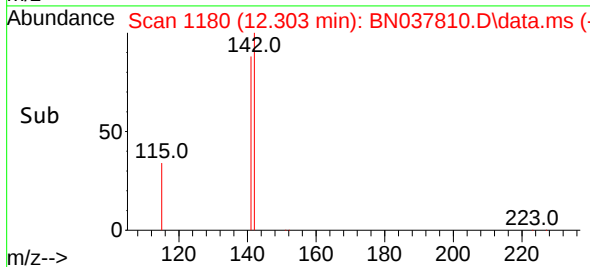
Reviewed By :Rahul Chavli 09/22/2025
Supervised By :mohammad ahmed 09/23/2025

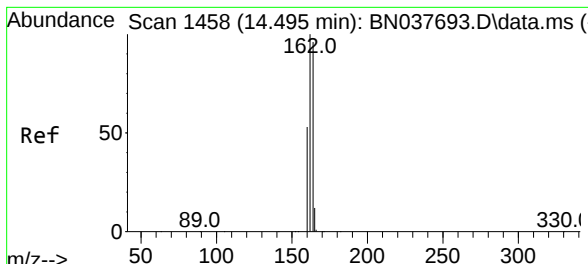


#12
2-Methylnaphthalene
Concen: 0.297 ng
RT: 12.303 min Scan# 1180
Delta R.T. -0.010 min
Lab File: BN037810.D
Acq: 19 Sep 2025 12:27



Tgt Ion:142 Resp: 7743
Ion Ratio Lower Upper
142 100
141 87.8 71.6 107.4
115 35.3 28.6 43.0





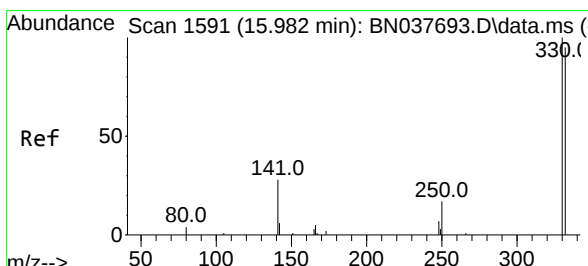
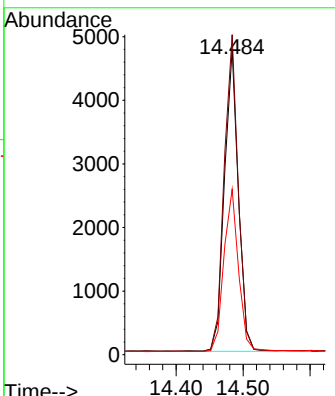
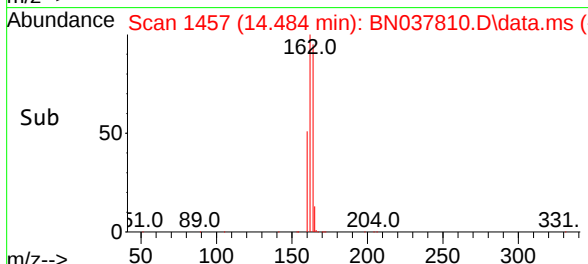
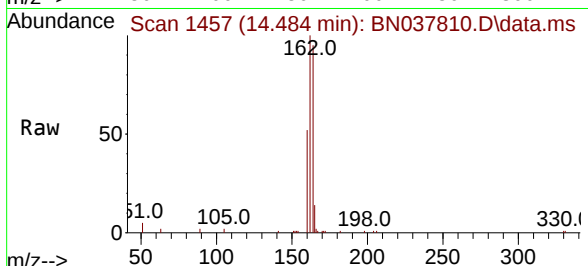
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.484 min Scan# 1457
 Delta R.T. -0.011 min
 Lab File: BN037810.D
 Acq: 19 Sep 2025 12:27

Instrument : BNA_N
 ClientSampleId : TT119S1-20250916MSD

Tgt Ion:	164	Resp:	685
Ion Ratio	Lower	Upper	
164	100		
162	104.7	83.1	124.7
160	54.1	44.3	66.5

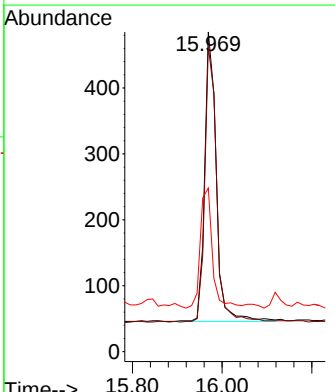
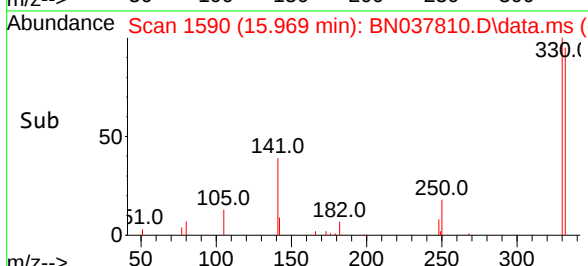
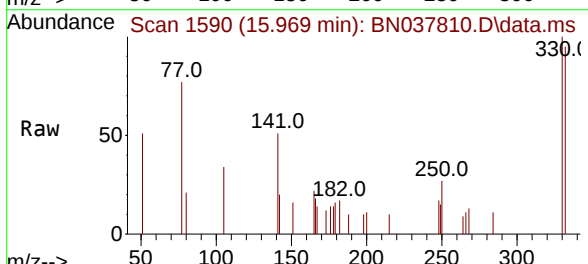
Manual Integrations
 APPROVED

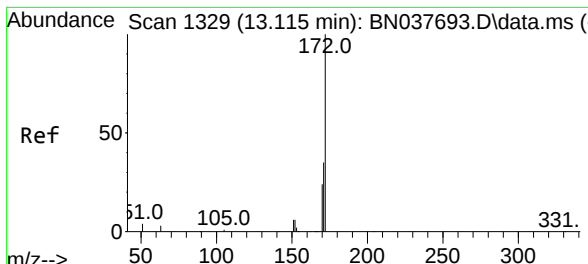
Reviewed By :Rahul Chavli 09/22/2025
 Supervised By :mohammad ahmed 09/23/2025



#14
 2,4,6-Tribromophenol
 Concen: 0.437 ng
 RT: 15.969 min Scan# 1590
 Delta R.T. -0.013 min
 Lab File: BN037810.D
 Acq: 19 Sep 2025 12:27

Tgt Ion:	330	Resp:	782
Ion Ratio	Lower	Upper	
330	100		
332	96.8	75.3	112.9
141	43.5	35.0	52.4





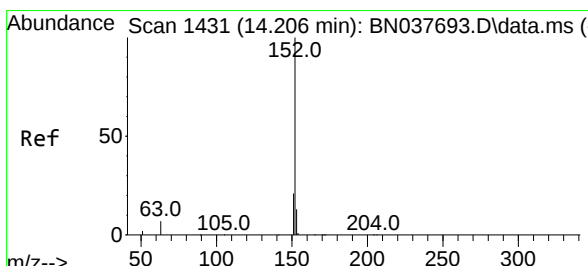
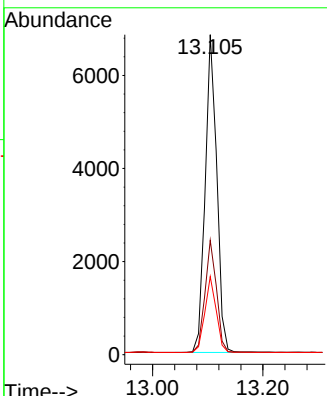
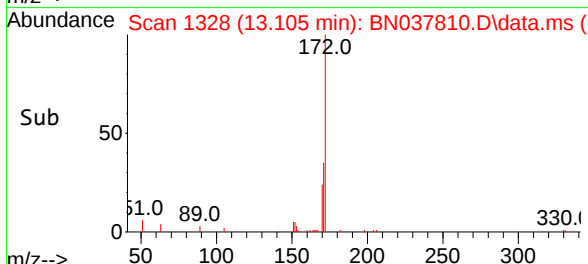
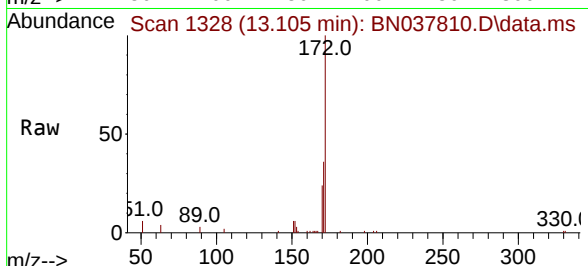
#15
 2-Fluorobiphenyl
 Concen: 0.350 ng
 RT: 13.105 min Scan# 11
 Delta R.T. -0.011 min
 Lab File: BN037810.D
 Acq: 19 Sep 2025 12:27

Instrument : BNA_N
 ClientSampleId : TT119S1-20250916MSD

Tgt Ion:	172	Resp:	1002
Ion Ratio	Lower	Upper	
172	100		
171	35.7	28.6	43.0
170	24.4	19.8	29.8

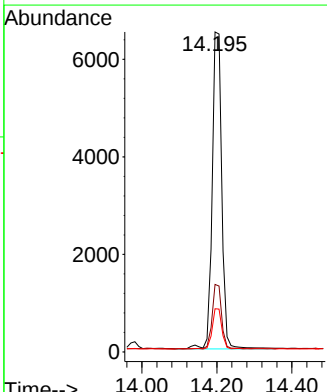
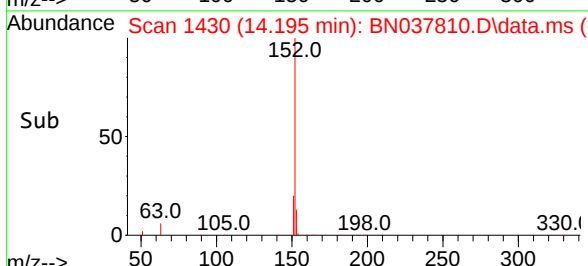
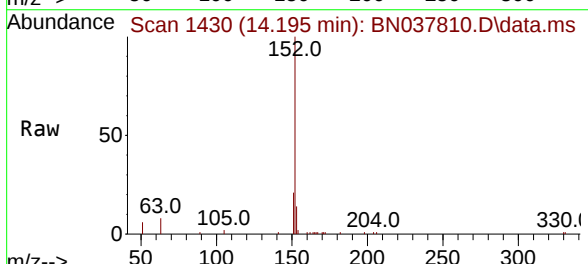
Manual Integrations
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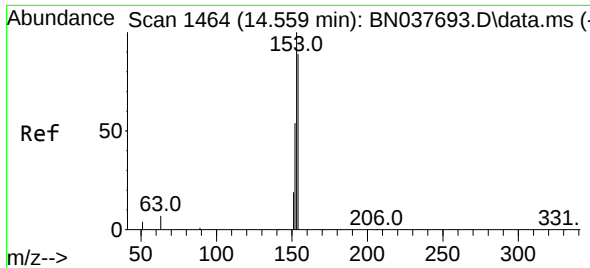
Reviewed By :Rahul Chavli 09/22/2025
 Supervised By :mohammad ahmed 09/23/2025



#16
 Acenaphthylene
 Concen: 0.367 ng
 RT: 14.195 min Scan# 1430
 Delta R.T. -0.011 min
 Lab File: BN037810.D
 Acq: 19 Sep 2025 12:27

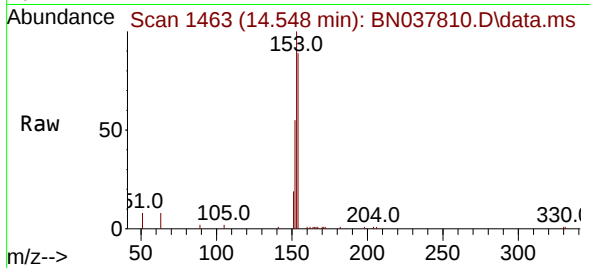
Tgt Ion:	152	Resp:	11528
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.2	24.2
153	12.8	10.4	15.6





#17
Acenaphthene
Concen: 0.342 ng
RT: 14.548 min Scan# 1463
Delta R.T. -0.011 min
Lab File: BN037810.D
Acq: 19 Sep 2025 12:27

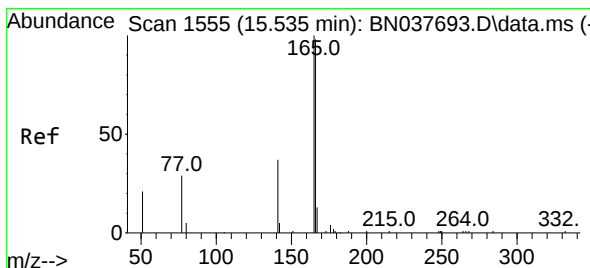
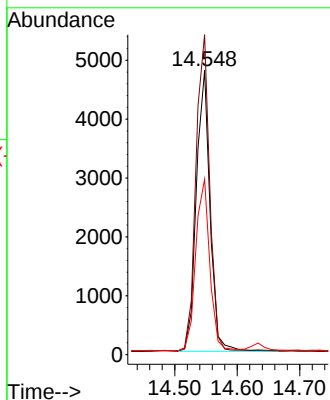
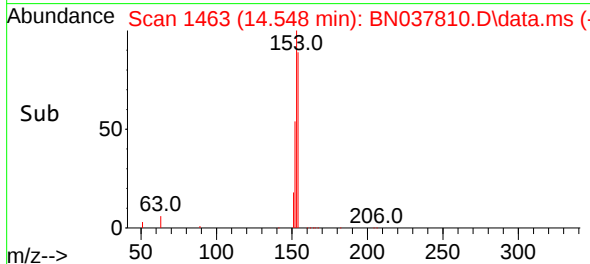
Instrument :
BNA_N
ClientSampleId :
TT119S1-20250916MSD



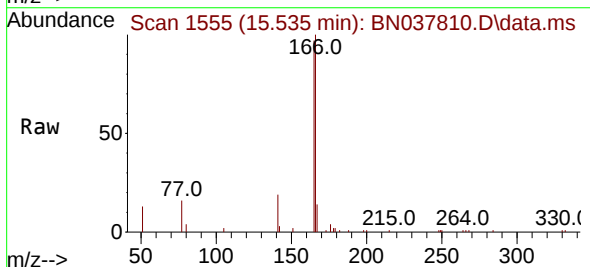
Tgt Ion:154 Resp: 7272
Ion Ratio Lower Upper
154 100
153 113.0 89.8 134.8
152 62.0 50.2 75.2

Manual Integrations
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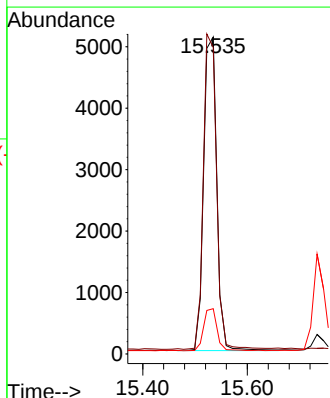
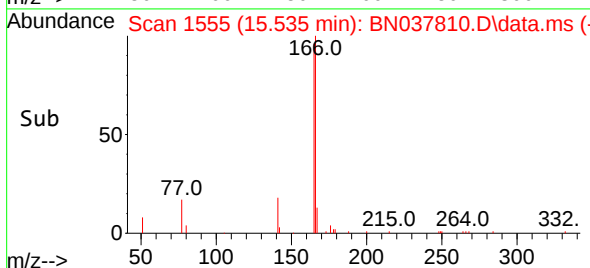
Reviewed By :Rahul Chavli 09/22/2025
Supervised By :mohammad ahmed 09/23/2025

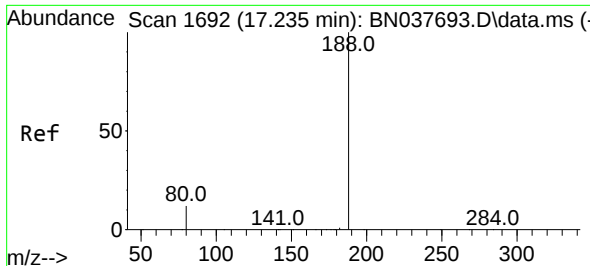


#18
Fluorene
Concen: 0.336 ng
RT: 15.535 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BN037810.D
Acq: 19 Sep 2025 12:27



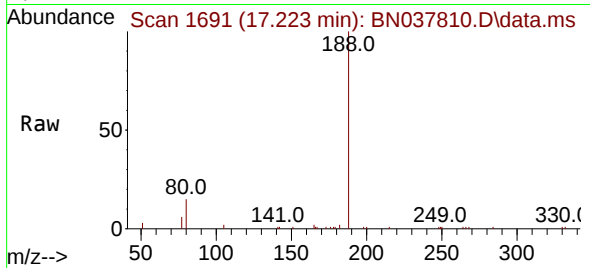
Tgt Ion:166 Resp: 8661
Ion Ratio Lower Upper
166 100
165 98.4 79.6 119.4
167 13.6 10.6 16.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 11592
Delta R.T. -0.013 min
Lab File: BN037810.D
Acq: 19 Sep 2025 12:27

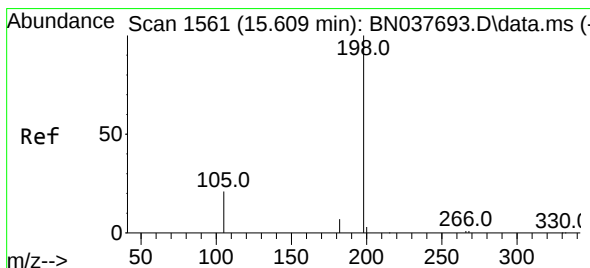
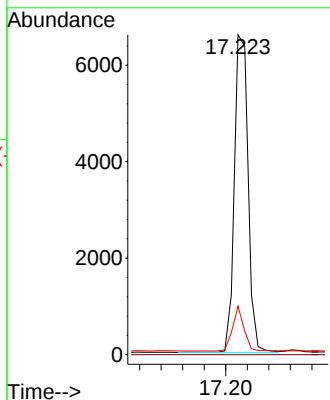
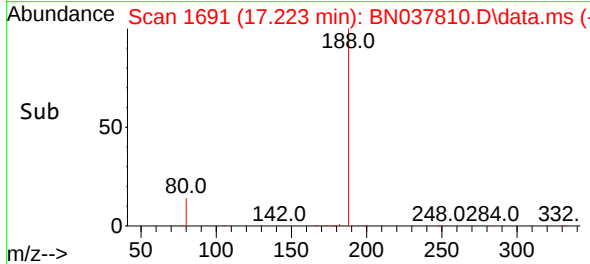
Instrument :
BNA_N
ClientSampleId :
TT119S1-20250916MSD



Tgt Ion:188 Resp: 11592
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.2 10.6 15.8

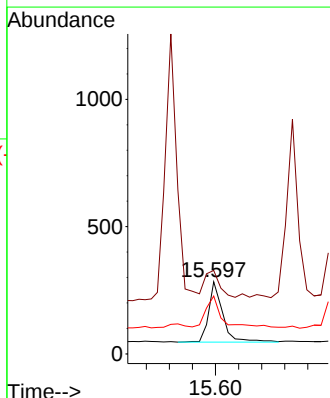
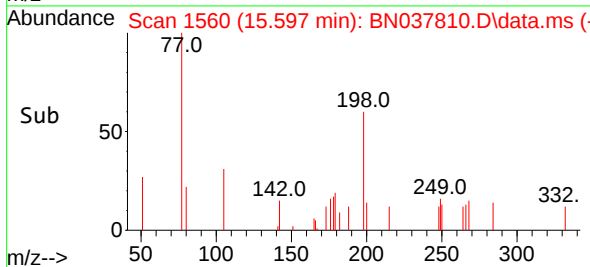
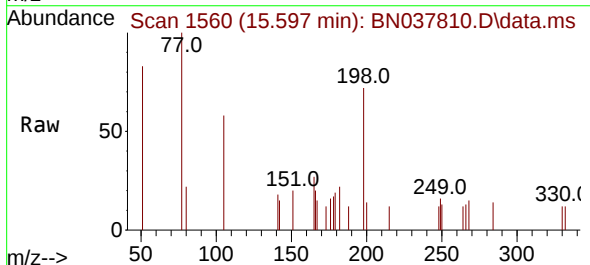
Manual Integrations
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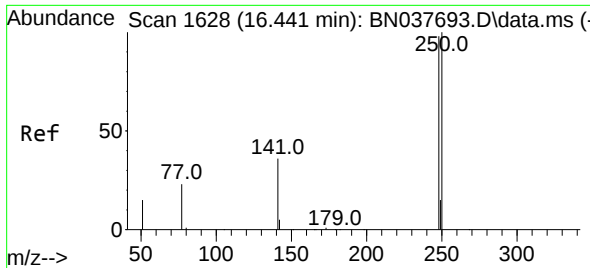
Reviewed By :Rahul Chavli 09/22/2025
Supervised By :mohammad ahmed 09/23/2025



#20
4,6-Dinitro-2-methylphenol
Concen: 0.376 ng
RT: 15.597 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BN037810.D
Acq: 19 Sep 2025 12:27

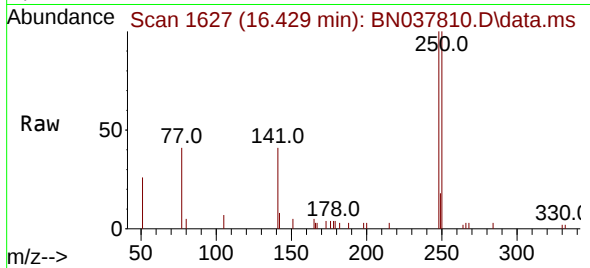
Tgt Ion:198 Resp: 404
Ion Ratio Lower Upper
198 100
51 115.9 95.1 142.7
105 80.2 53.8 80.6





#21
4-Bromophenyl-phenylether
Concen: 0.369 ng
RT: 16.429 min Scan# 1627
Delta R.T. -0.013 min
Lab File: BN037810.D
Acq: 19 Sep 2025 12:27

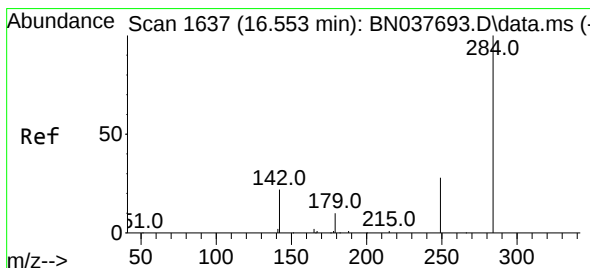
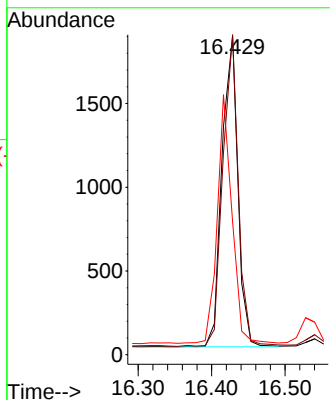
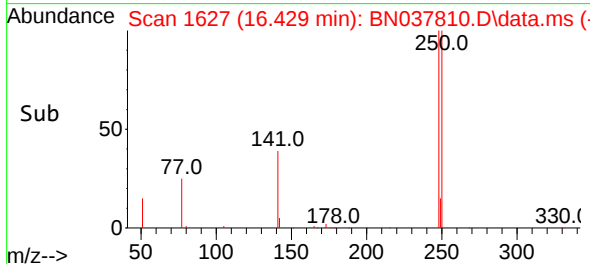
Instrument :
BNA_N
ClientSampleId :
TT119S1-20250916MSD



Tgt Ion:248 Resp: 2790
Ion Ratio Lower Upper
248 100
250 100.5 81.5 122.3
141 41.7 30.8 46.2

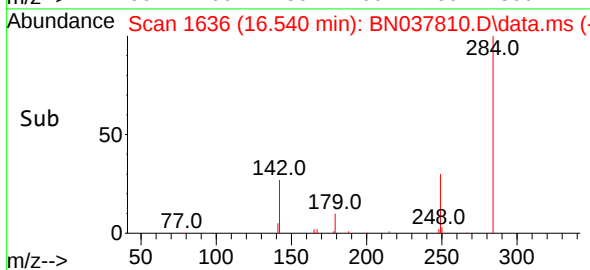
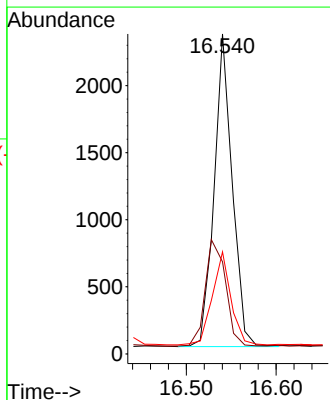
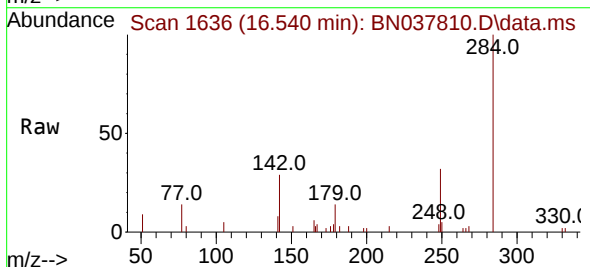
Manual Integrations
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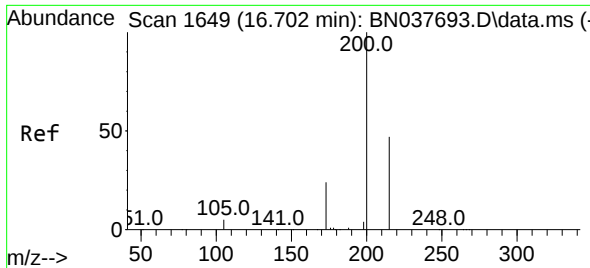
Reviewed By :Rahul Chavli 09/22/2025
Supervised By :mohammad ahmed 09/23/2025



#22
Hexachlorobenzene
Concen: 0.376 ng
RT: 16.540 min Scan# 1636
Delta R.T. -0.013 min
Lab File: BN037810.D
Acq: 19 Sep 2025 12:27

Tgt Ion:284 Resp: 3269
Ion Ratio Lower Upper
284 100
142 38.2 30.9 46.3
249 30.5 24.8 37.2





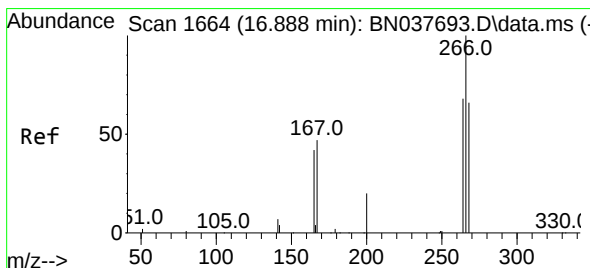
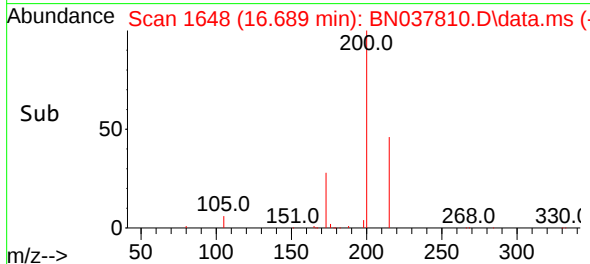
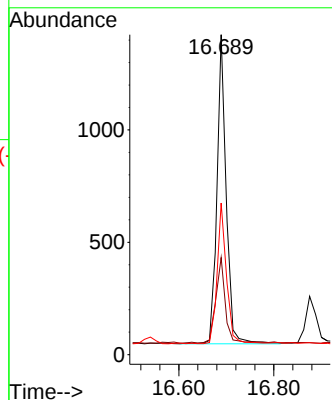
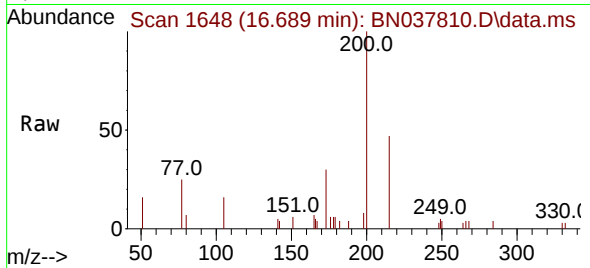
#23
Atrazine
Concen: 0.386 ng
RT: 16.689 min Scan# 1648
Delta R.T. -0.013 min
Lab File: BN037810.D
Acq: 19 Sep 2025 12:27

Instrument :
BNA_N
ClientSampleId :
TT119S1-20250916MSD

Tgt Ion:200 Resp: 185
Ion Ratio Lower Upper
200 100
173 30.3 21.4 32.2
215 47.4 39.2 58.8

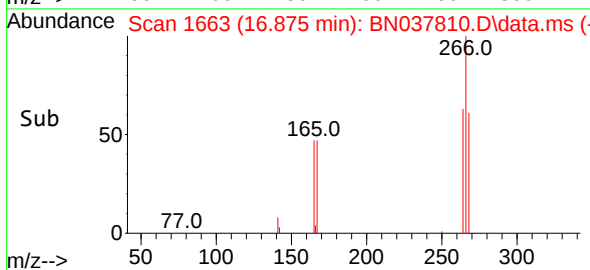
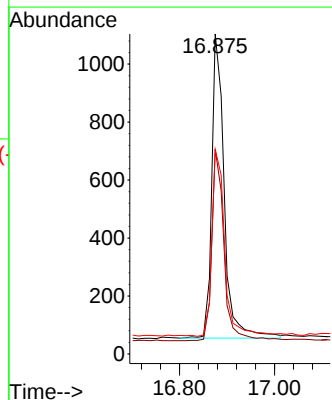
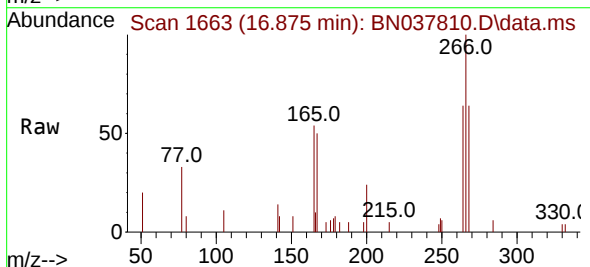
Manual Integrations
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Reviewed By :Rahul Chavli 09/22/2025
Supervised By :mohammad ahmed 09/23/2025



#24
Pentachlorophenol
Concen: 0.755 ng
RT: 16.875 min Scan# 1663
Delta R.T. -0.013 min
Lab File: BN037810.D
Acq: 19 Sep 2025 12:27

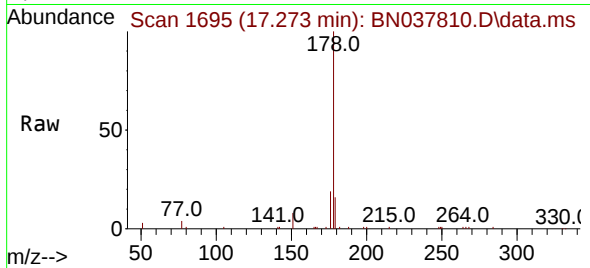
Tgt Ion:266 Resp: 1907
Ion Ratio Lower Upper
266 100
264 61.6 51.6 77.4
268 63.3 53.2 79.8





#25
Phenanthrene
Concen: 0.384 ng
RT: 17.273 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN037810.D
Acq: 19 Sep 2025 12:27

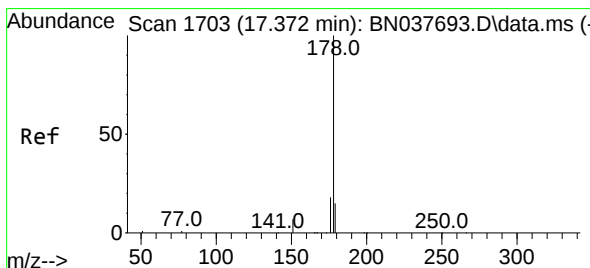
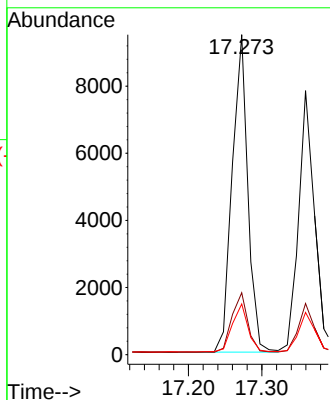
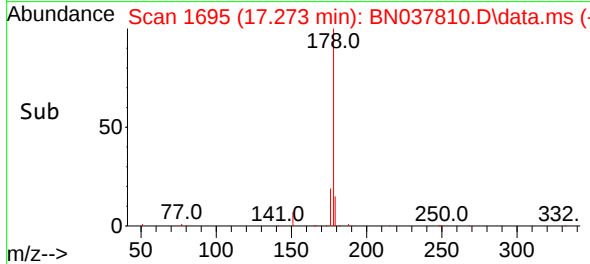
Instrument :
BNA_N
ClientSampleId :
TT119S1-20250916MSD



Tgt Ion:178 Resp: 14009
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.4 12.2 18.2

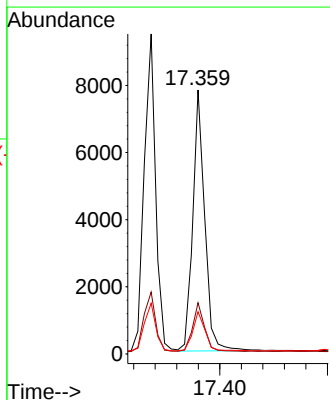
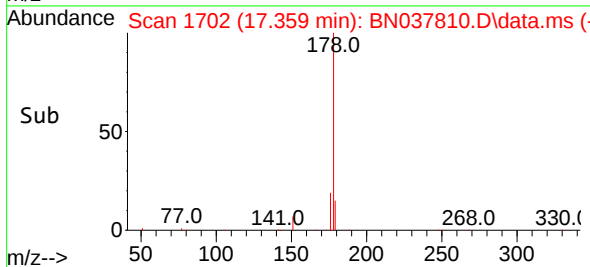
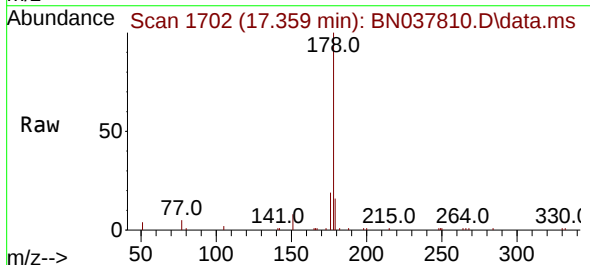
Manual Integrations
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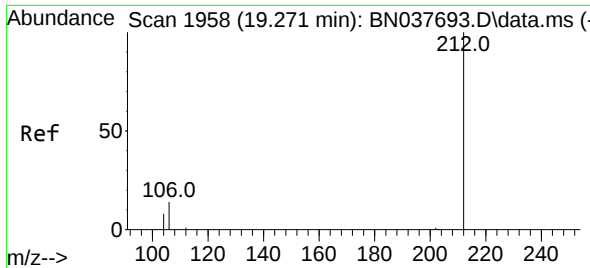
Reviewed By :Rahul Chavli 09/22/2025
Supervised By :mohammad ahmed 09/23/2025



#26
Anthracene
Concen: 0.371 ng
RT: 17.359 min Scan# 1702
Delta R.T. -0.013 min
Lab File: BN037810.D
Acq: 19 Sep 2025 12:27

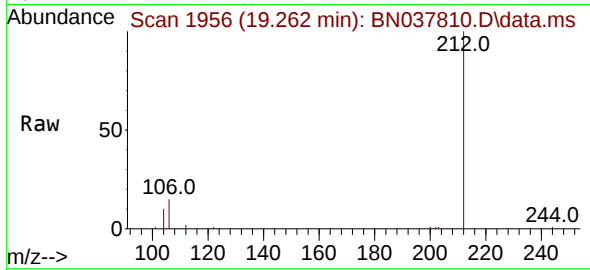
Tgt Ion:178 Resp: 11991
Ion Ratio Lower Upper
178 100
176 18.7 14.6 22.0
179 15.4 12.2 18.4





#27
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.262 min Scan# 1958
Delta R.T. -0.009 min
Lab File: BN037810.D
Acq: 19 Sep 2025 12:27

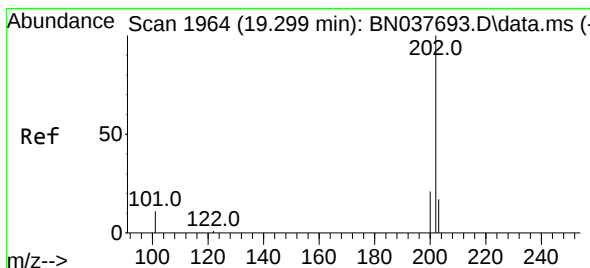
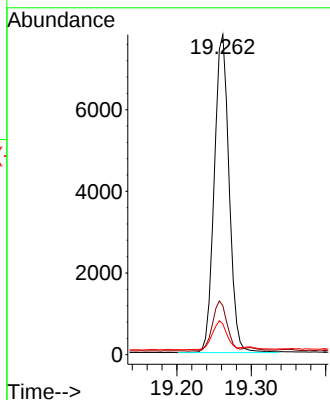
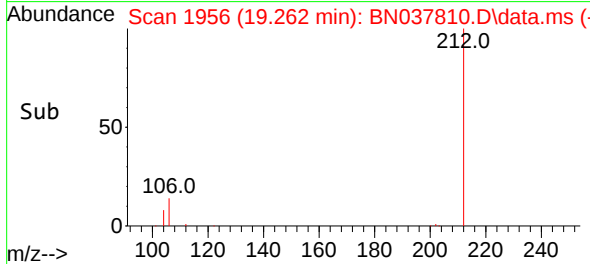
Instrument :
BNA_N
ClientSampleId :
TT119S1-20250916MSD



Tgt Ion:212 Resp: 10760
Ion Ratio Lower Upper
212 100
106 15.5 12.2 18.2
104 9.0 6.9 10.3

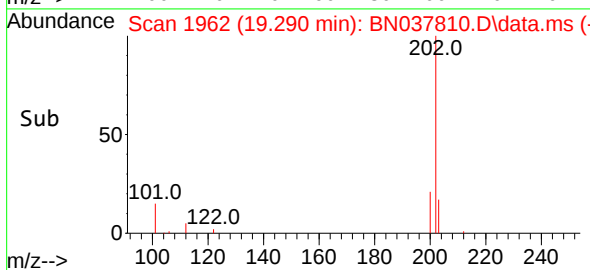
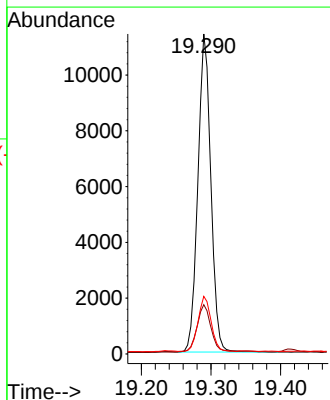
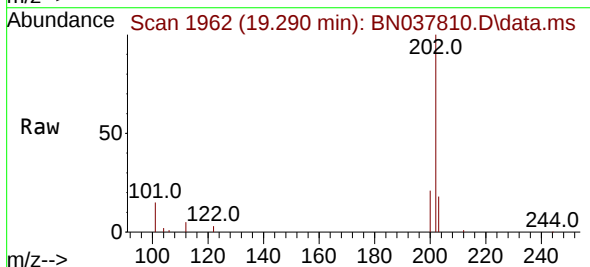
Manual Integrations
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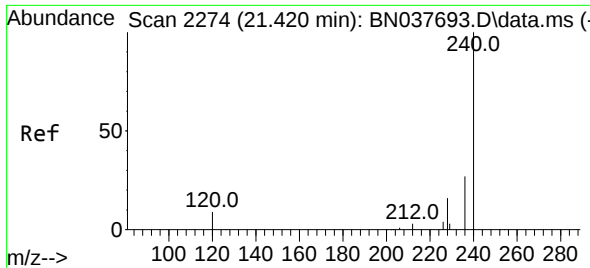
Reviewed By :Rahul Chavli 09/22/2025
Supervised By :mohammad ahmed 09/23/2025



#28
Fluoranthene
Concen: 0.368 ng
RT: 19.290 min Scan# 1962
Delta R.T. -0.009 min
Lab File: BN037810.D
Acq: 19 Sep 2025 12:27

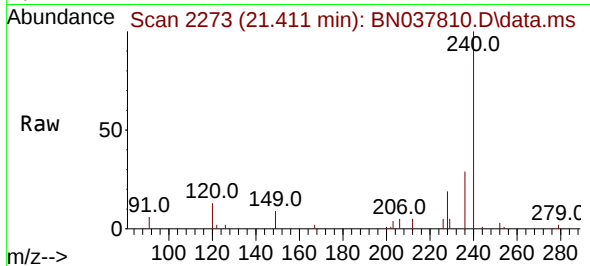
Tgt Ion:202 Resp: 14730
Ion Ratio Lower Upper
202 100
101 15.9 9.3 13.9#
203 17.4 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037810.D
Acq: 19 Sep 2025 12:27

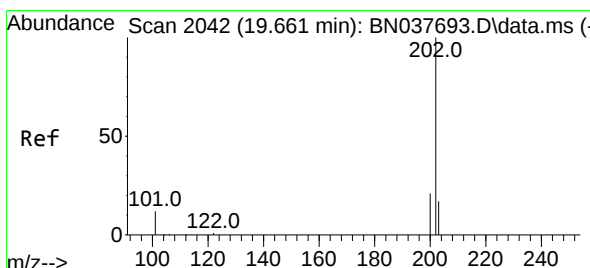
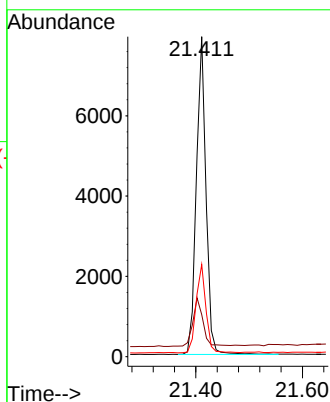
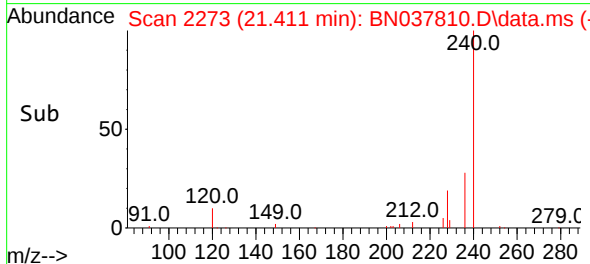
Instrument :
BNA_N
ClientSampleId :
TT119S1-20250916MSD



Tgt Ion:240 Resp: 10004
Ion Ratio Lower Upper
240 100
120 13.1 9.2 13.8
236 28.8 22.6 33.8

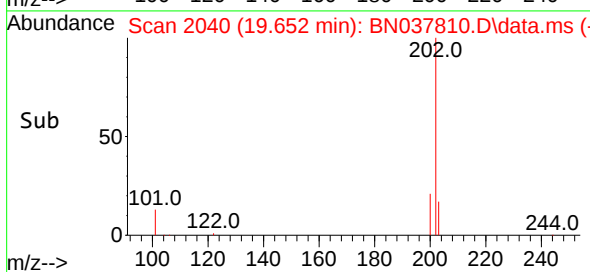
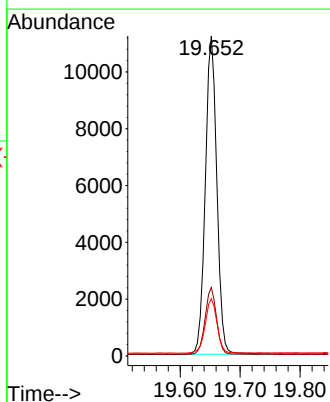
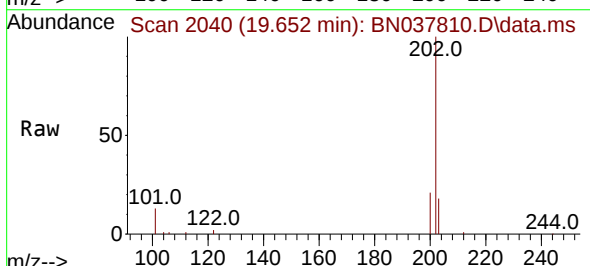
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/22/2025
Supervised By :mohammad ahmed 09/23/2025



#30
Pyrene
Concen: 0.382 ng
RT: 19.652 min Scan# 2040
Delta R.T. -0.009 min
Lab File: BN037810.D
Acq: 19 Sep 2025 12:27

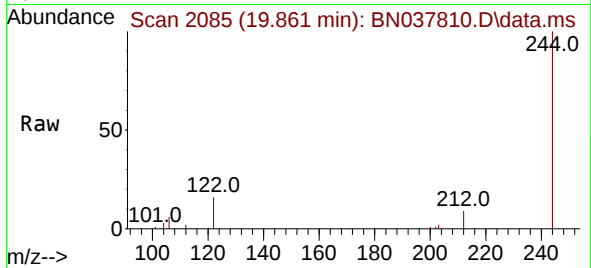
Tgt Ion:202 Resp: 14951
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.8 14.3 21.5





#31
 Terphenyl-d14
 Concen: 0.416 ng
 RT: 19.861 min Scan# 2085
 Delta R.T. -0.009 min
 Lab File: BN037810.D
 Acq: 19 Sep 2025 12:27

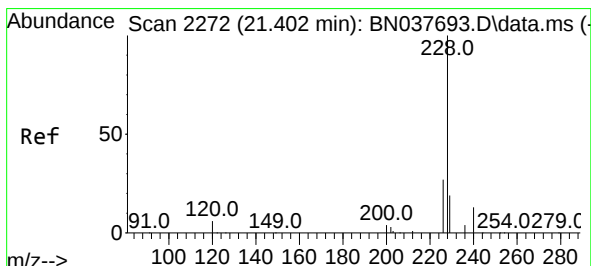
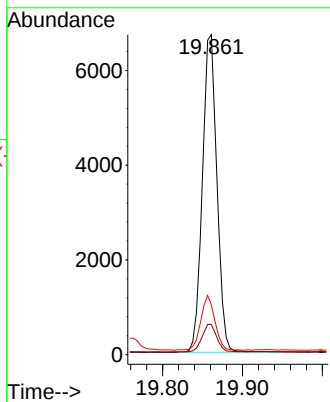
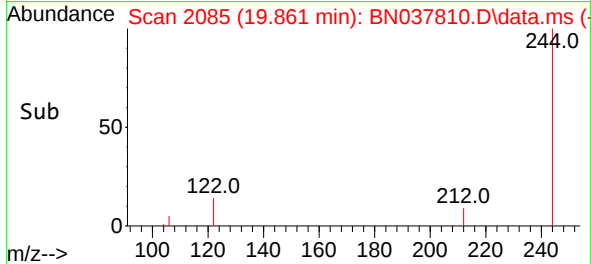
Instrument :
 BNA_N
 ClientSampleId :
 TT119S1-20250916MSD



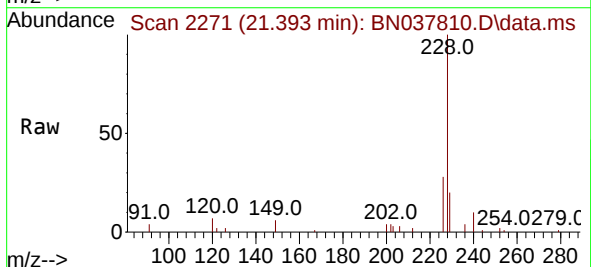
Tgt Ion:244 Resp: 845
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.5 11.3
 122 15.7 13.2 19.8

Manual Integrations
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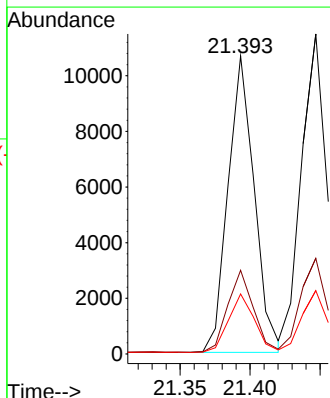
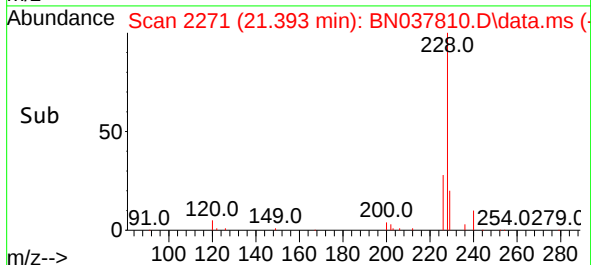
Reviewed By :Rahul Chavli 09/22/2025
 Supervised By :mohammad ahmed 09/23/2025



#32
 Benzo(a)anthracene
 Concen: 0.399 ng
 RT: 21.393 min Scan# 2271
 Delta R.T. -0.009 min
 Lab File: BN037810.D
 Acq: 19 Sep 2025 12:27



Tgt Ion:228 Resp: 13905
 Ion Ratio Lower Upper
 228 100
 226 28.1 22.2 33.2
 229 20.1 15.8 23.6





#33

Chrysene

Concen: 0.399 ng

RT: 21.447 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037810.D

Acq: 19 Sep 2025 12:27

Instrument :

BNA_N

ClientSampleId :

TT119S1-20250916MSD

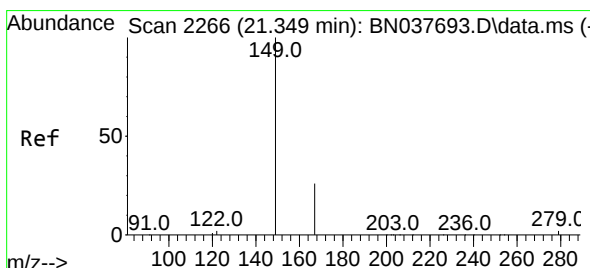
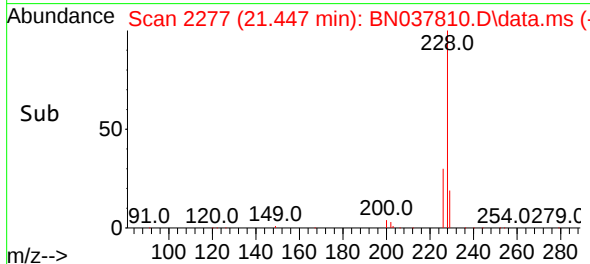
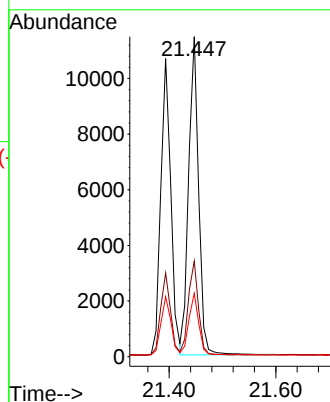
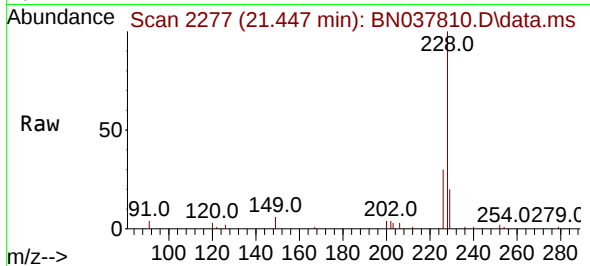
Tgt Ion:	228	Resp:	1491
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.5	35.3
229	19.8	15.9	23.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/22/2025

Supervised By :mohammad ahmed 09/23/2025



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.499 ng

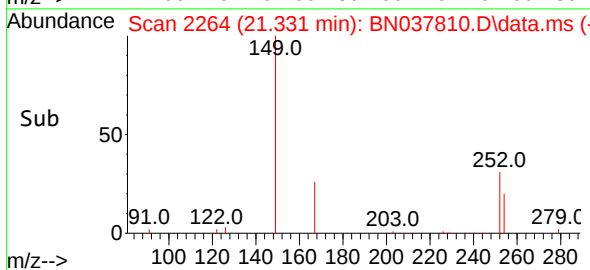
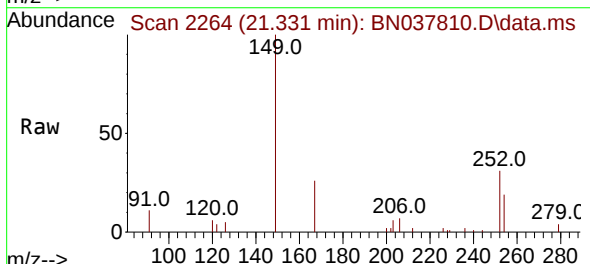
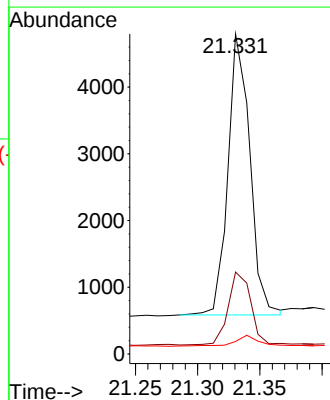
RT: 21.331 min Scan# 2264

Delta R.T. -0.018 min

Lab File: BN037810.D

Acq: 19 Sep 2025 12:27

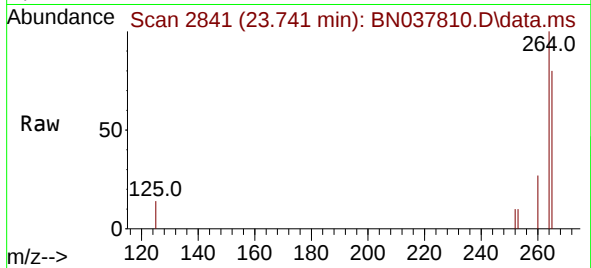
Tgt Ion:	149	Resp:	5161
Ion Ratio	Lower	Upper	
149	100		
167	27.2	20.8	31.2
279	4.0	3.3	4.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.741 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN037810.D
Acq: 19 Sep 2025 12:27

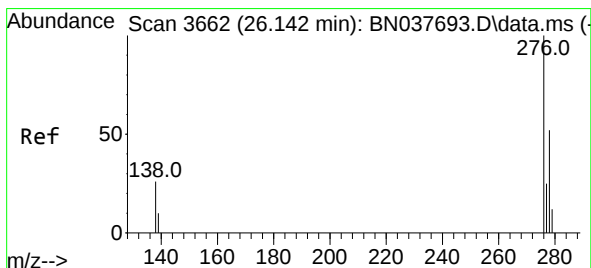
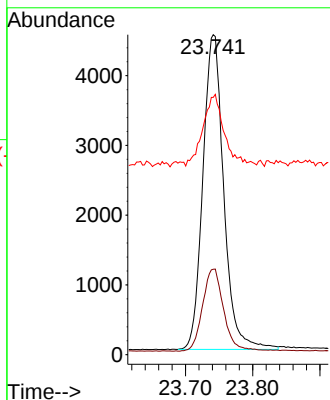
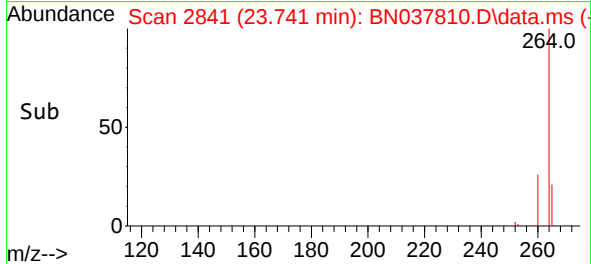
Instrument :
BNA_N
ClientSampleId :
TT119S1-20250916MSD



Tgt Ion:264 Resp: 973
Ion Ratio Lower Upper
264 100
260 26.7 21.8 32.8
265 80.4 39.4 59.2

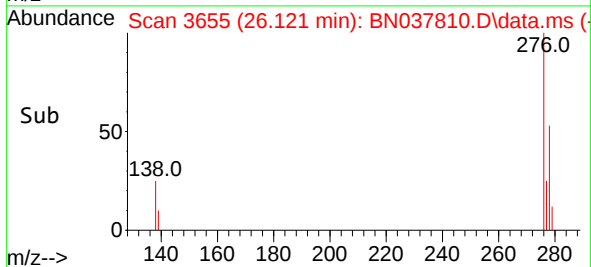
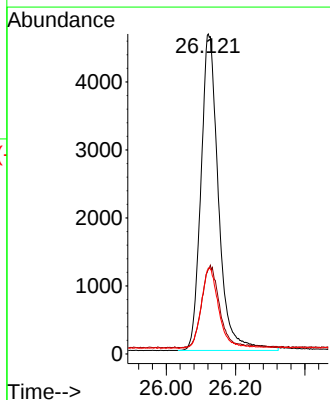
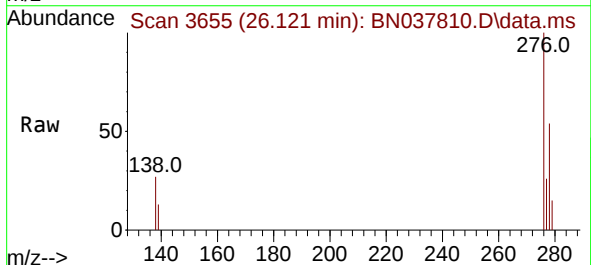
Manual Integrations
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Reviewed By :Rahul Chavli 09/22/2025
Supervised By :mohammad ahmed 09/23/2025



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.401 ng
RT: 26.121 min Scan# 3655
Delta R.T. -0.021 min
Lab File: BN037810.D
Acq: 19 Sep 2025 12:27

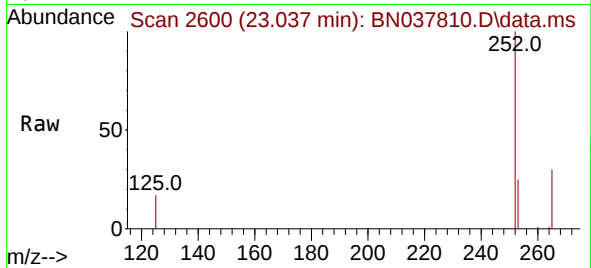
Tgt Ion:276 Resp: 16404
Ion Ratio Lower Upper
276 100
138 26.5 21.9 32.9
277 24.7 20.1 30.1





#37
Benzo(b)fluoranthene
Concen: 0.403 ng
RT: 23.037 min Scan# 2600
Delta R.T. -0.009 min
Lab File: BN037810.D
Acq: 19 Sep 2025 12:27

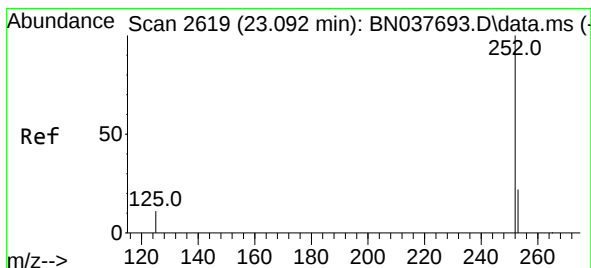
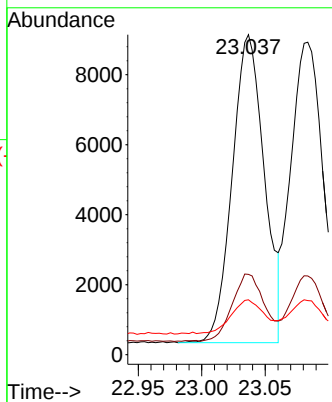
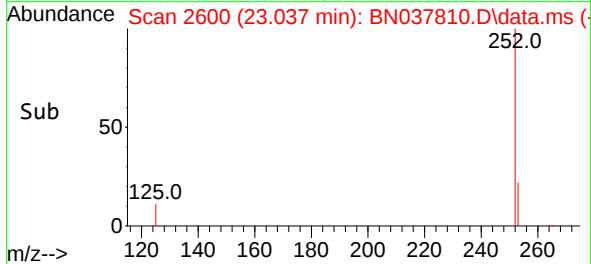
Instrument :
BNA_N
ClientSampleId :
TT119S1-20250916MSD



Tgt Ion:252 Resp: 15470
Ion Ratio Lower Upper
252 100
253 25.1 19.4 29.2
125 17.1 11.2 16.8

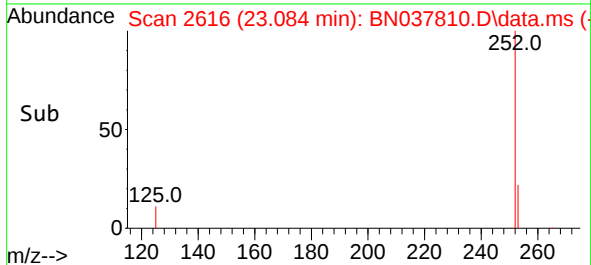
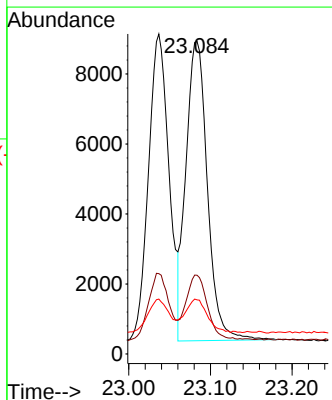
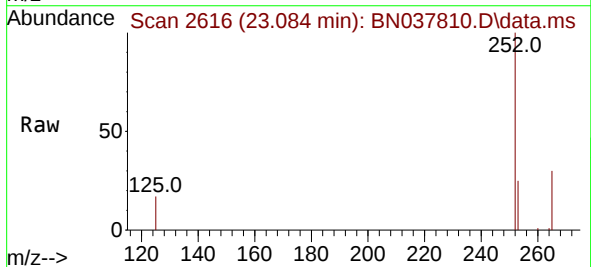
Manual Integrations
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Reviewed By :Rahul Chavli 09/22/2025
Supervised By :mohammad ahmed 09/23/2025



#38
Benzo(k)fluoranthene
Concen: 0.401 ng
RT: 23.084 min Scan# 2616
Delta R.T. -0.009 min
Lab File: BN037810.D
Acq: 19 Sep 2025 12:27

Tgt Ion:252 Resp: 15665
Ion Ratio Lower Upper
252 100
253 25.2 19.4 29.0
125 17.3 11.6 17.4





#39

Benzo(a)pyrene

Concen: 0.402 ng

RT: 23.636 min Scan# 21

Delta R.T. -0.012 min

Lab File: BN037810.D

Acq: 19 Sep 2025 12:27

Instrument :

BNA_N

ClientSampleId :

TT119S1-20250916MSD

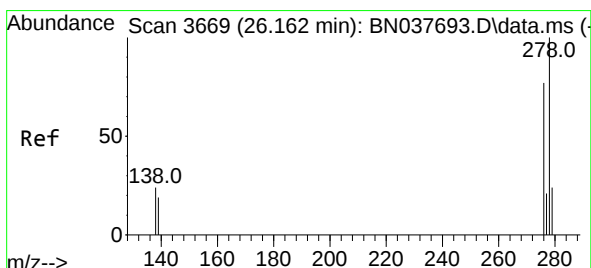
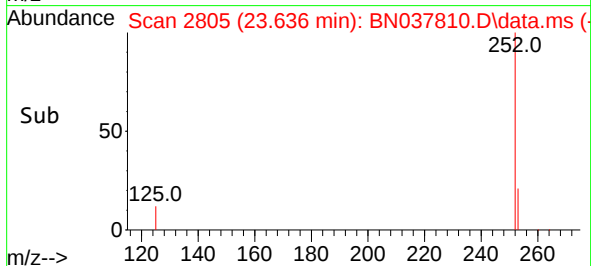
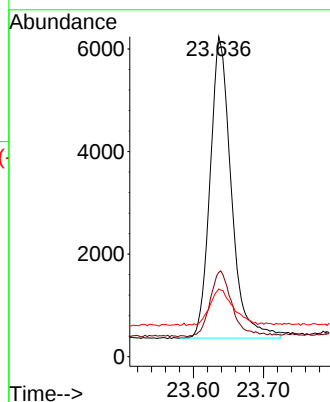
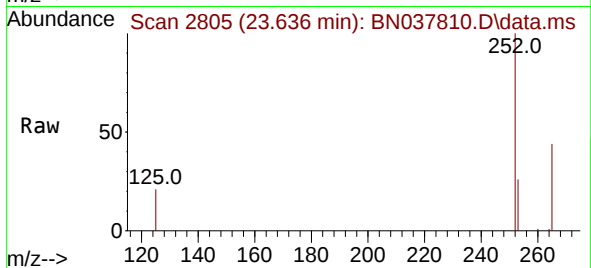
Tgt Ion:	252	Resp:	12334
Ion Ratio	Lower	Upper	
252	100		
253	26.3	20.8	31.2
125	21.2	13.9	20.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/22/2025

Supervised By :mohammad ahmed 09/23/2025



#40

Dibenzo(a,h)anthracene

Concen: 0.398 ng

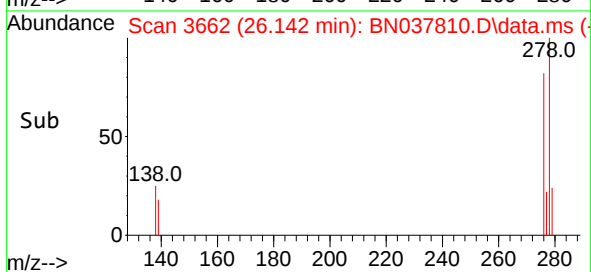
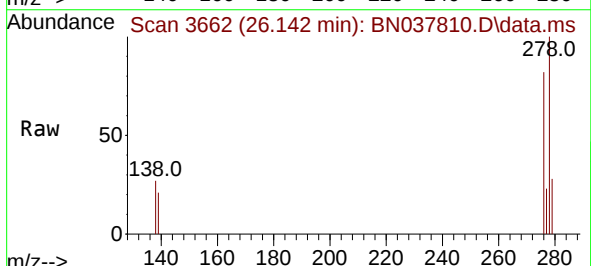
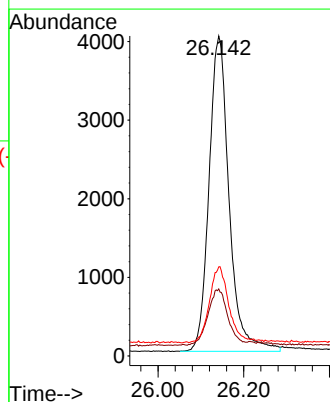
RT: 26.142 min Scan# 3662

Delta R.T. -0.021 min

Lab File: BN037810.D

Acq: 19 Sep 2025 12:27

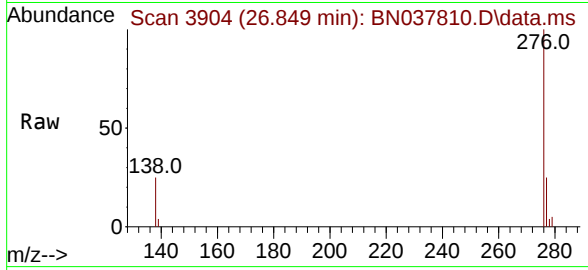
Tgt Ion:	278	Resp:	13012
Ion Ratio	Lower	Upper	
278	100		
139	21.0	17.8	26.6
279	27.8	22.0	33.0





#41
Benzo(g,h,i)perylene
Concen: 0.348 ng
RT: 26.849 min Scan# 3910
Delta R.T. -0.018 min
Lab File: BN037810.D
Acq: 19 Sep 2025 12:27

Instrument :
BNA_N
ClientSampleId :
TT119S1-20250916MSD



Tgt Ion: 276 Resp: 1275

Ion	Ratio	Lower	Upper
276	100		
277	25.1	20.6	31.0
138	25.3	20.2	30.2

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/22/2025
Supervised By :mohammad ahmed 09/23/2025

