

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
 Data File : BN037337.D
 Acq On : 19 Jun 2025 05:54
 Operator : RC/JU
 Sample : PB168508BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168508BS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 06/19/2025
 Supervised By :mohammad ahmed 06/23/2025

Quant Time: Jun 19 06:28:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 18 18:40:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	1288	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	2690	0.400	ng	#-0.01
13) Acenaphthene-d10	14.213	164	1686	0.400	ng	-0.01
19) Phenanthrene-d10	16.971	188	3212	0.400	ng	0.00
29) Chrysene-d12	21.171	240	3029	0.400	ng	# 0.00
35) Perylene-d12	23.354	264	3232	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	825	0.352	ng	0.00
5) Phenol-d6	6.752	99	802	0.348	ng	0.00
8) Nitrobenzene-d5	8.717	82	760	0.339	ng	-0.01
11) 2-Methylnaphthalene-d10	11.945	152	1622m	0.371	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	329	0.265	ng	0.00
15) 2-Fluorobiphenyl	12.838	172	2716	0.368	ng	0.00
27) Fluoranthene-d10	19.008	212	3351	0.329	ng	0.00
31) Terphenyl-d14	19.616	244	2523	0.363	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.104	88	501	0.436	ng	# 44
3) n-Nitrosodimethylamine	3.415	42	455	0.341	ng	90
6) bis(2-Chloroethyl)ether	7.004	93	760	0.386	ng	100
9) Naphthalene	10.394	128	2428	0.349	ng	# 92
10) Hexachlorobutadiene	10.682	225	1119	0.318	ng	# 99
12) 2-Methylnaphthalene	12.021	142	1521	0.310	ng	96
16) Acenaphthylene	13.935	152	2681	0.378	ng	98
17) Acenaphthene	14.277	154	1575	0.334	ng	99
18) Fluorene	15.271	166	2259	0.338	ng	98
20) 4,6-Dinitro-2-methylph...	15.378	198	302	0.306	ng	89
21) 4-Bromophenyl-phenylether	16.177	248	914	0.343	ng	96
22) Hexachlorobenzene	16.276	284	1066	0.382	ng	93
23) Atrazine	16.450	200	743	0.357	ng	# 89
24) Pentachlorophenol	16.624	266	250	0.162	ng	94
25) Phenanthrene	17.009	178	3326	0.368	ng	99
26) Anthracene	17.108	178	3130	0.369	ng	100
28) Fluoranthene	19.040	202	4162	0.331	ng	99
30) Pyrene	19.402	202	4189	0.363	ng	99
32) Benzo(a)anthracene	21.153	228	3675	0.377	ng	99
33) Chrysene	21.206	228	4517	0.363	ng	99
34) Bis(2-ethylhexyl)phtha...	21.099	149	1537	0.384	ng	98
36) Indeno(1,2,3-cd)pyrene	25.541	276	5500	0.405	ng	# 93
37) Benzo(b)fluoranthene	22.702	252	4039	0.358	ng	98
38) Benzo(k)fluoranthene	22.746	252	4639	0.374	ng	96
39) Benzo(a)pyrene	23.260	252	4040	0.386	ng	96
40) Dibenzo(a,h)anthracene	25.555	278	4089	0.375	ng	# 88
41) Benzo(g,h,i)perylene	26.204	276	4647	0.373	ng	97

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

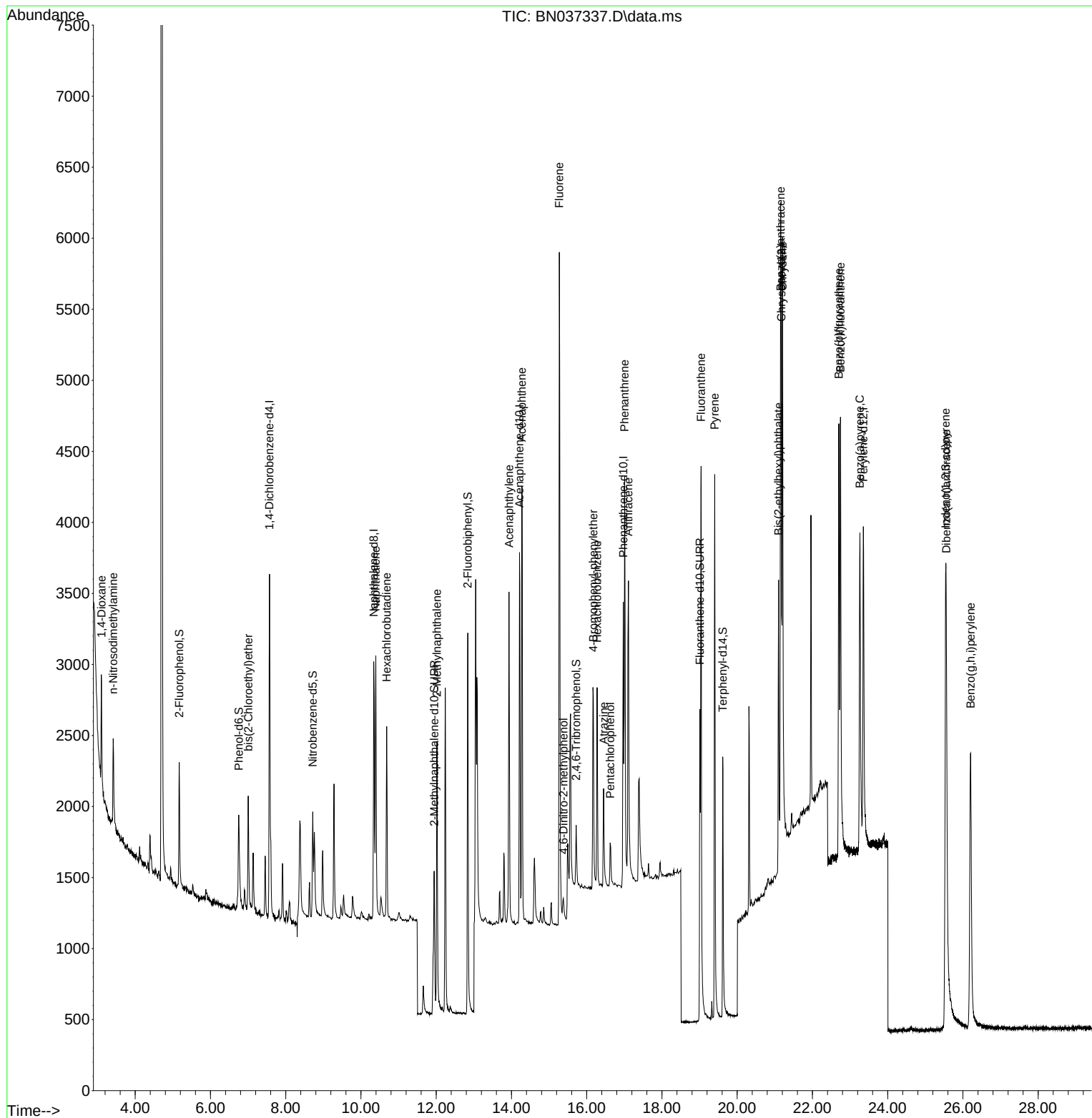
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
Data File : BN037337.D
Acq On : 19 Jun 2025 05:54
Operator : RC/JU
Sample : PB168508BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

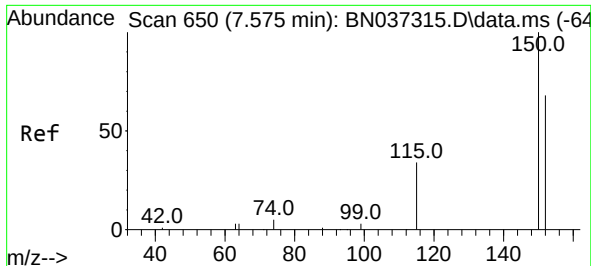
Instrument :
BNA_N
ClientSampleId :
PB168508BS

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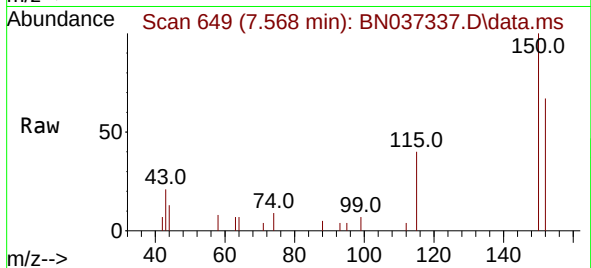
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 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.568 min Scan# 649
 Delta R.T. -0.007 min
 Lab File: BN037337.D
 Acq: 19 Jun 2025 05:54

Instrument :

BNA_N

ClientSampleId :

PB168508BS

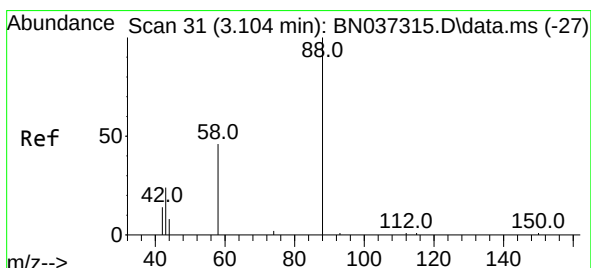
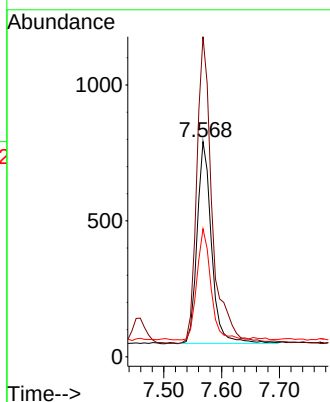
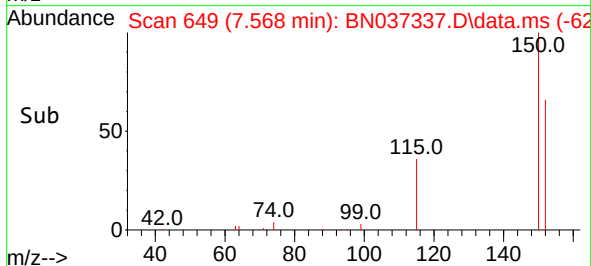


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 Ion Ratio Lower Upper
 152 100
 150 148.7 112.7 169.1
 115 59.5 45.9 68.9

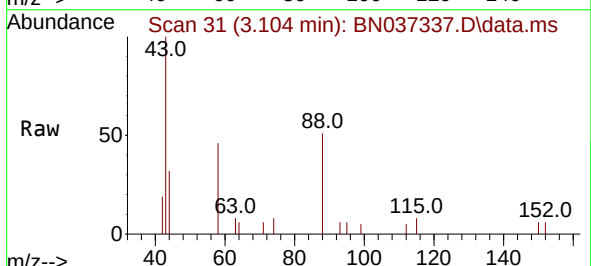
Manual Integrations

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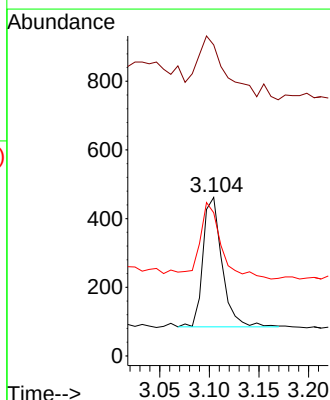
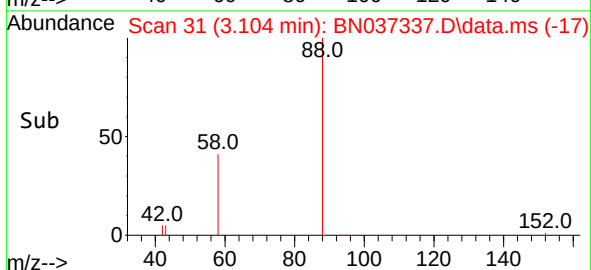
Reviewed By :Anahy Claudio 06/19/2025
 Supervised By :mohammad ahmed 06/23/2025

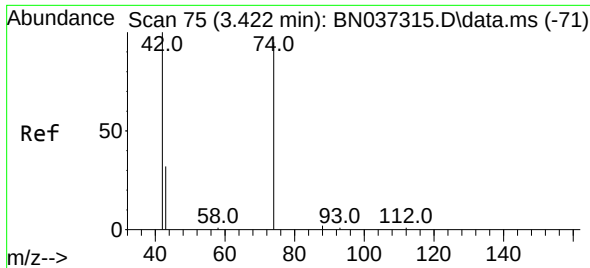


#2
 1,4-Dioxane
 Concen: 0.436 ng
 RT: 3.104 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN037337.D
 Acq: 19 Jun 2025 05:54



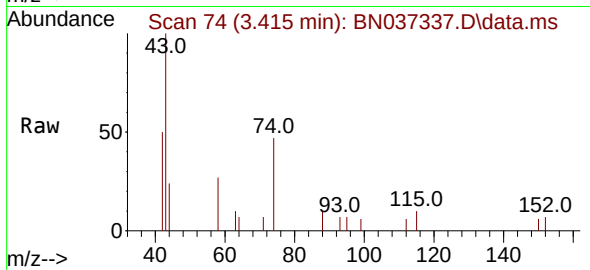
Tgt Ion: 88 Resp: 501
 Ion Ratio Lower Upper
 88 100
 43 79.6 21.0 31.6#
 58 67.5 38.0 57.0#





#3
n-Nitrosodimethylamine
Concen: 0.341 ng
RT: 3.415 min Scan# 74
Delta R.T. -0.007 min
Lab File: BN037337.D
Acq: 19 Jun 2025 05:54

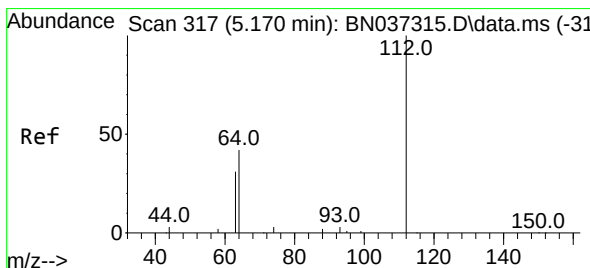
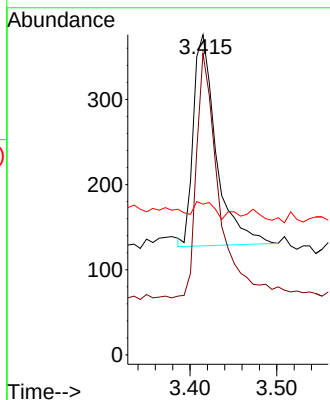
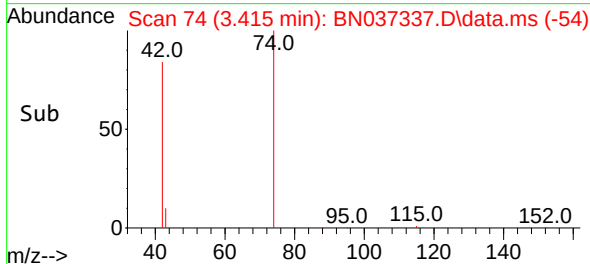
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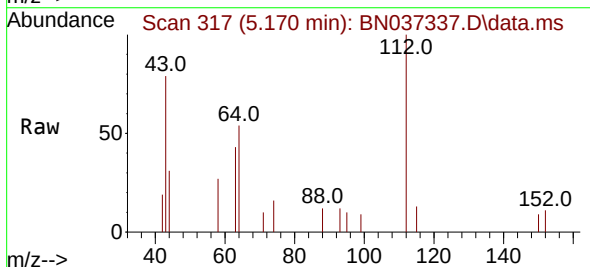
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Ion Ratio Lower Upper
42 100
74 116.5 84.3 126.5
44 6.8 5.0 7.4

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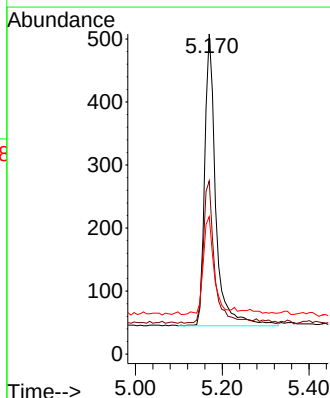
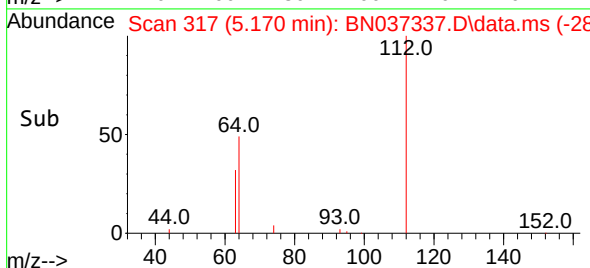
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Supervised By :mohammad ahmed 06/23/2025

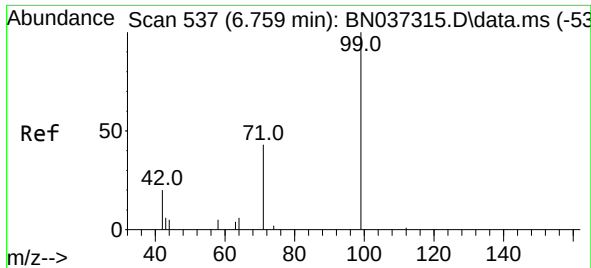


#4
2-Fluorophenol
Concen: 0.352 ng
RT: 5.170 min Scan# 317
Delta R.T. -0.000 min
Lab File: BN037337.D
Acq: 19 Jun 2025 05:54



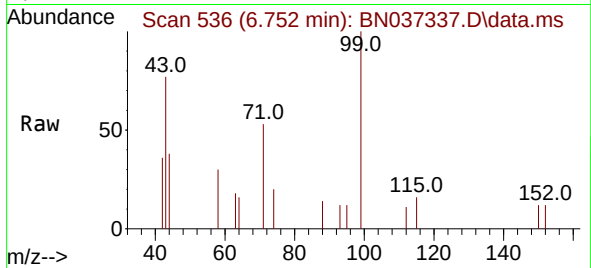
Tgt Ion:112 Resp: 825
Ion Ratio Lower Upper
112 100
64 47.0 38.7 58.1
63 31.8 26.4 39.6





#5
Phenol-d6
Concen: 0.348 ng
RT: 6.752 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN037337.D
Acq: 19 Jun 2025 05:54

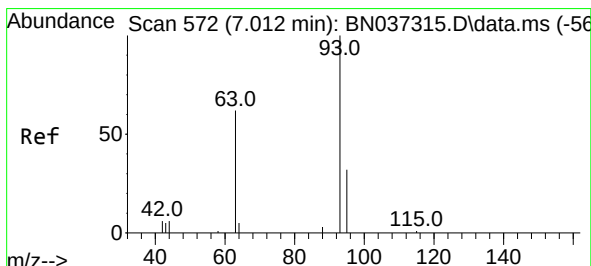
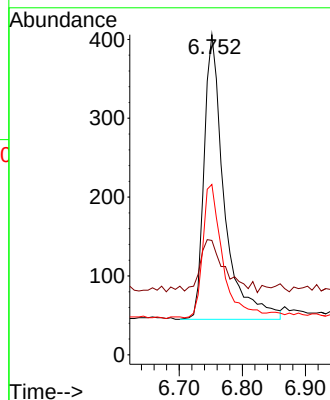
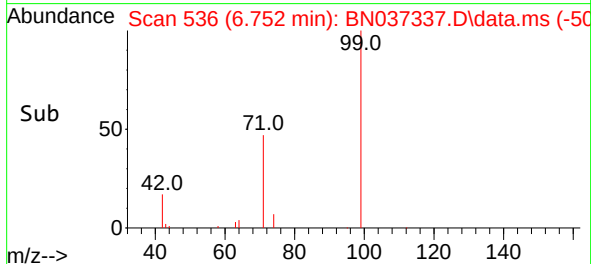
Instrument :
BNA_N
ClientSampleId :
PB168508BS



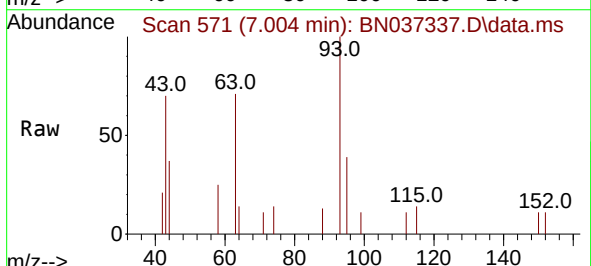
Tgt Ion: 99 Resp: 802
Ion Ratio Lower Upper
99 100
42 22.7 19.8 29.8
71 46.0 42.6 64.0

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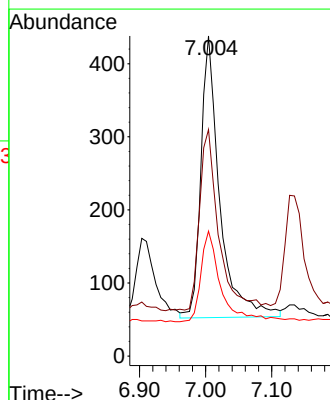
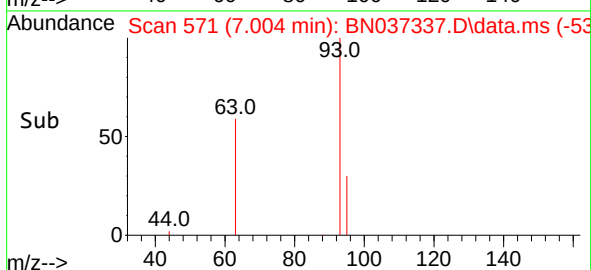
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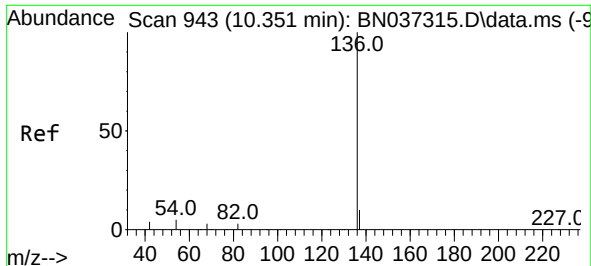


#6
bis(2-Chloroethyl)ether
Concen: 0.386 ng
RT: 7.004 min Scan# 571
Delta R.T. -0.007 min
Lab File: BN037337.D
Acq: 19 Jun 2025 05:54



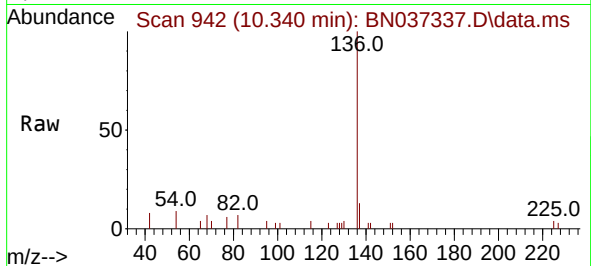
Tgt Ion: 93 Resp: 760
Ion Ratio Lower Upper
93 100
63 67.0 53.2 79.8
95 34.1 27.3 40.9





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037337.D
Acq: 19 Jun 2025 05:54

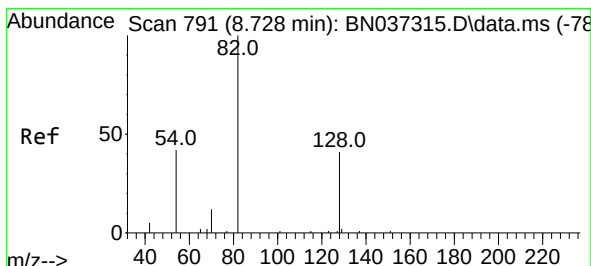
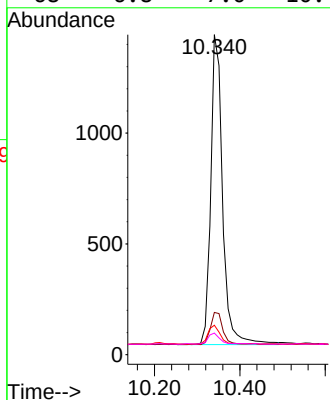
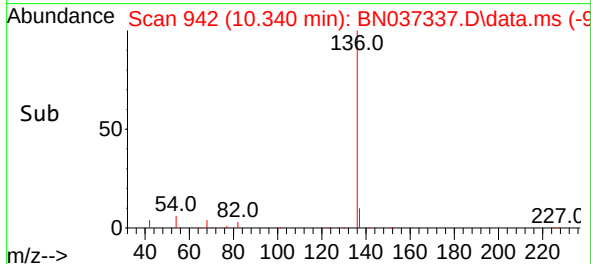
Instrument :
BNA_N
ClientSampleId :
PB168508BS



Tgt Ion: 136 Resp: 2690
Ion Ratio Lower Upper
136 100
137 13.2 12.2 18.2
54 9.2 8.8 13.2
68 6.8 7.0 10.4#

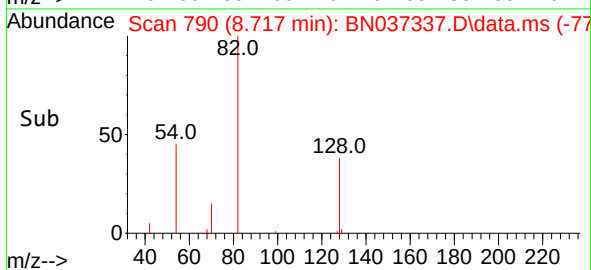
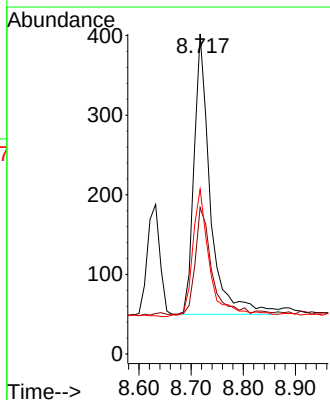
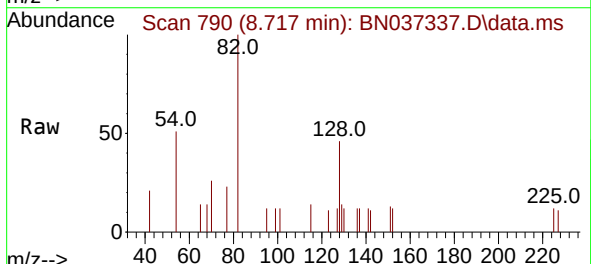
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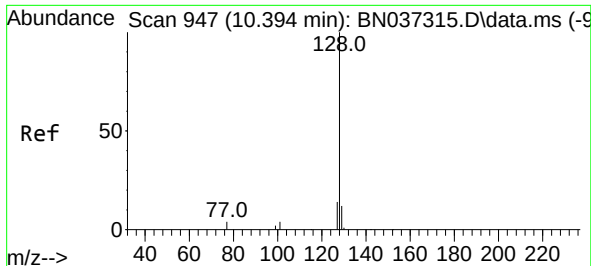
Reviewed By :Anahy Claudio 06/19/2025
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#8
Nitrobenzene-d5
Concen: 0.339 ng
RT: 8.717 min Scan# 790
Delta R.T. -0.011 min
Lab File: BN037337.D
Acq: 19 Jun 2025 05:54

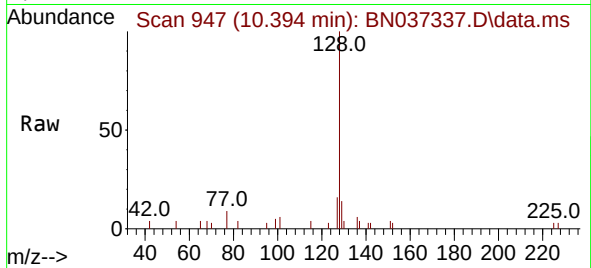
Tgt Ion: 82 Resp: 760
Ion Ratio Lower Upper
82 100
128 45.8 42.5 63.7
54 51.5 43.2 64.8





#9
Naphthalene
Concen: 0.349 ng
RT: 10.394 min Scan# 947
Delta R.T. -0.000 min
Lab File: BN037337.D
Acq: 19 Jun 2025 05:54

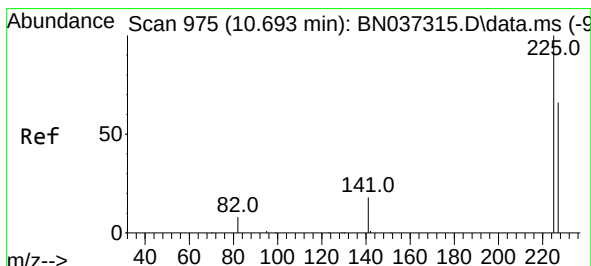
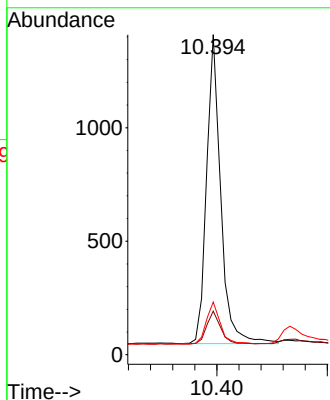
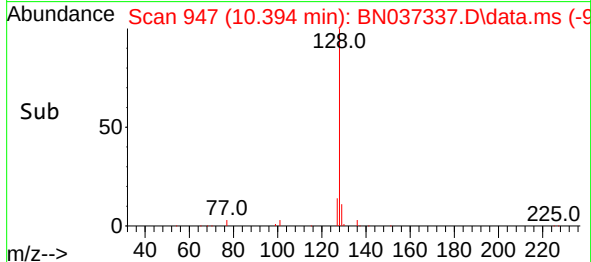
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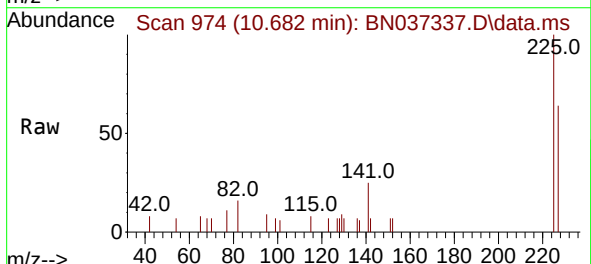
Tgt Ion:128 Resp: 2428
Ion Ratio Lower Upper
128 100
129 13.6 14.0 21.0
127 16.5 15.8 23.8

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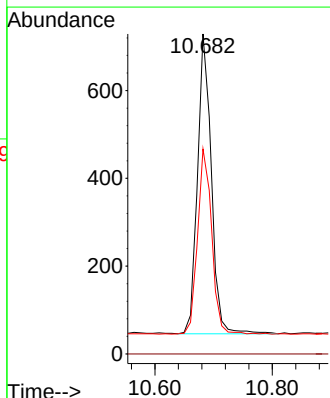
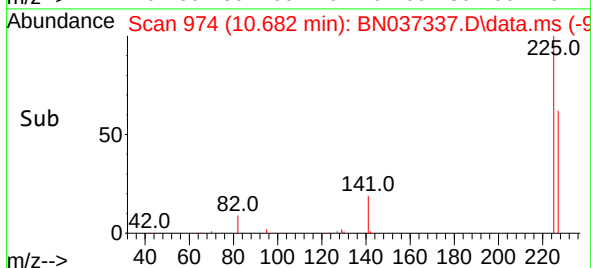
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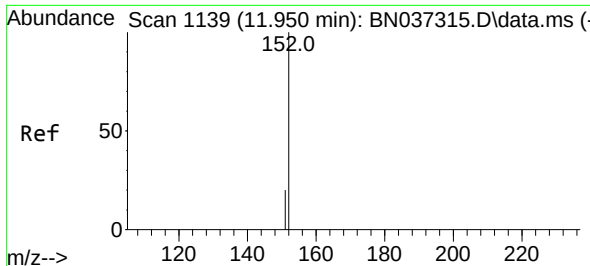


#10
Hexachlorobutadiene
Concen: 0.318 ng
RT: 10.682 min Scan# 974
Delta R.T. -0.011 min
Lab File: BN037337.D
Acq: 19 Jun 2025 05:54



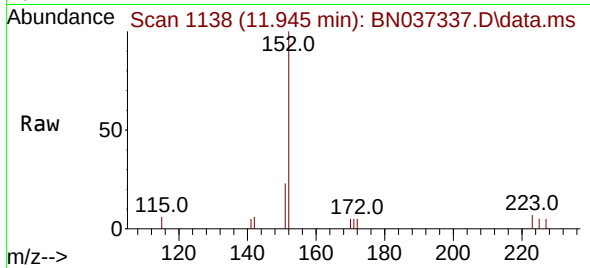
Tgt Ion:225 Resp: 1119
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.6 50.3 75.5





#11
2-Methylnaphthalene-d10
Concen: 0.371 ng m
RT: 11.945 min Scan# 1138
Delta R.T. -0.005 min
Lab File: BN037337.D
Acq: 19 Jun 2025 05:54

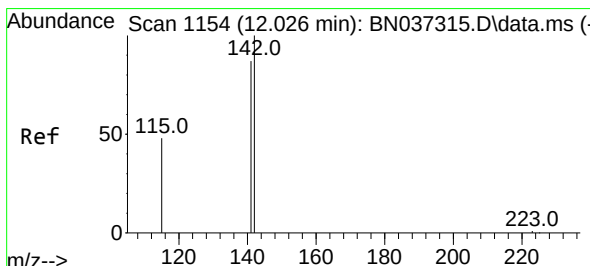
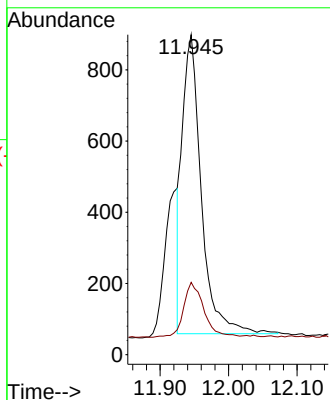
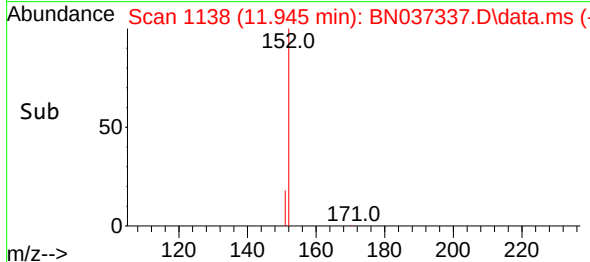
Instrument :
BNA_N
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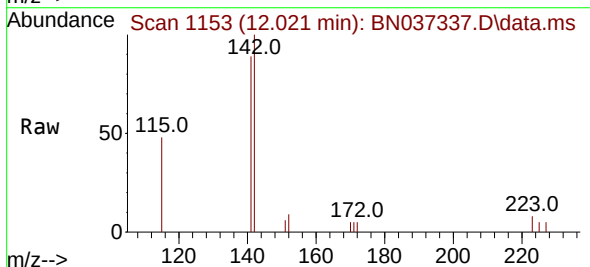
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Ion Ratio Lower Upper
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151 19.7 17.4 26.0

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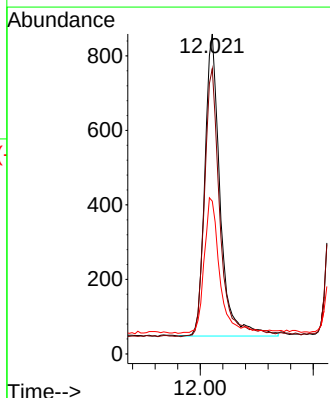
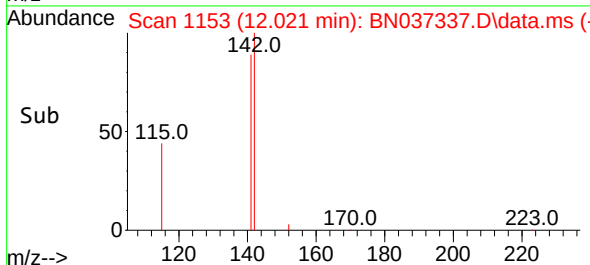
Reviewed By :Anahy Claudio 06/19/2025
Supervised By :mohammad ahmed 06/23/2025

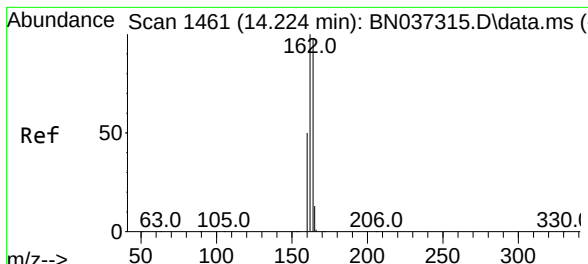


#12
2-Methylnaphthalene
Concen: 0.310 ng
RT: 12.021 min Scan# 1153
Delta R.T. -0.005 min
Lab File: BN037337.D
Acq: 19 Jun 2025 05:54



Tgt Ion:142 Resp: 1521
Ion Ratio Lower Upper
142 100
141 89.2 70.2 105.2
115 47.7 43.0 64.4





#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.213 min Scan# 1460
 Delta R.T. -0.011 min
 Lab File: BN037337.D
 Acq: 19 Jun 2025 05:54

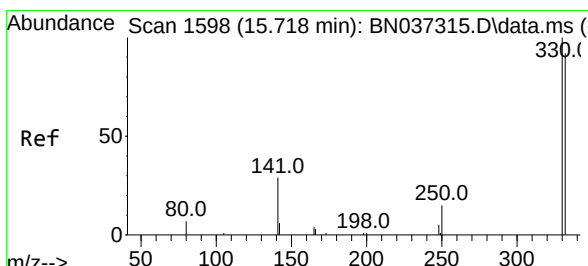
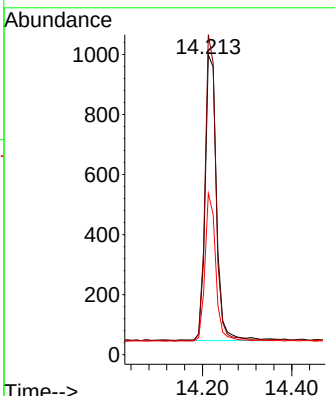
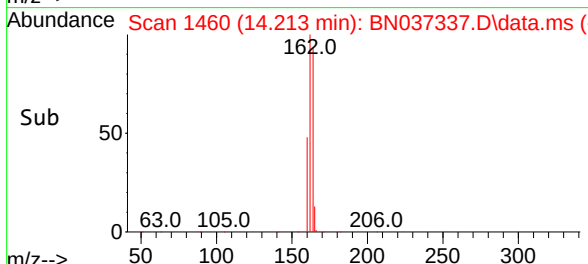
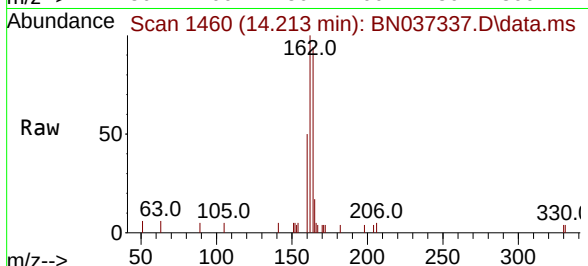
Instrument : BNA_N
 ClientSampleId : PB168508BS

Tgt Ion:164 Resp: 1680

Ion	Ratio	Lower	Upper
164	100		
162	106.7	81.5	122.3
160	53.9	43.0	64.4

Manual Integrations
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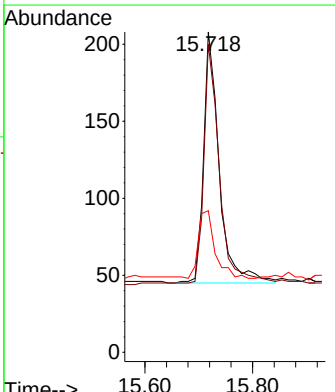
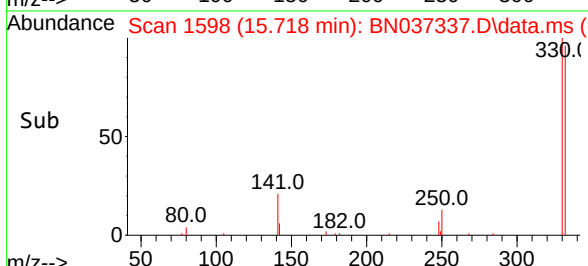
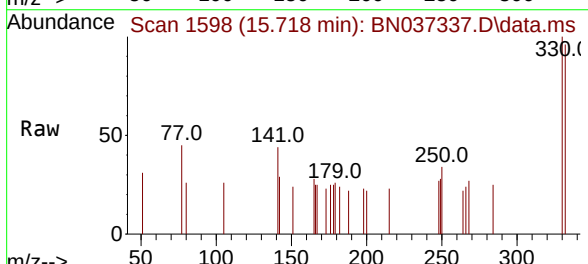
Reviewed By :Anahy Claudio 06/19/2025
 Supervised By :mohammad ahmed 06/23/2025

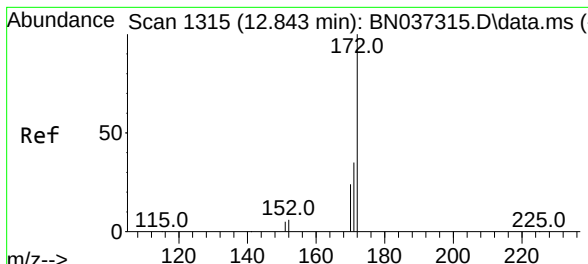


#14
 2,4,6-Tribromophenol
 Concen: 0.265 ng
 RT: 15.718 min Scan# 1598
 Delta R.T. -0.000 min
 Lab File: BN037337.D
 Acq: 19 Jun 2025 05:54

Tgt Ion:330 Resp: 329

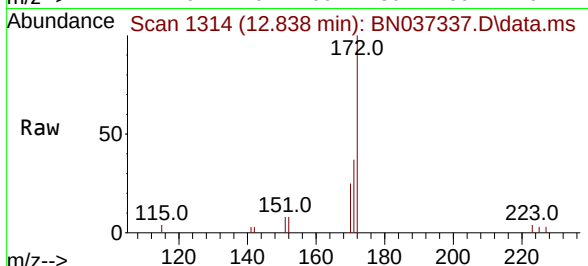
Ion	Ratio	Lower	Upper
330	100		
332	93.0	78.4	117.6
141	28.9	24.4	36.6





#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 12.838 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037337.D
Acq: 19 Jun 2025 05:54

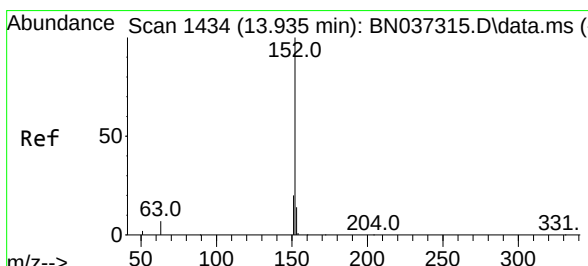
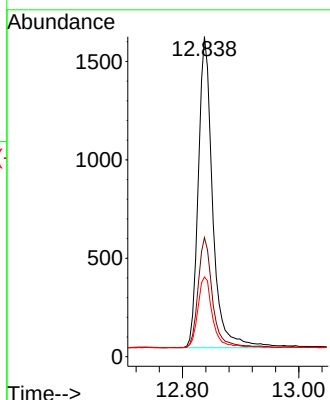
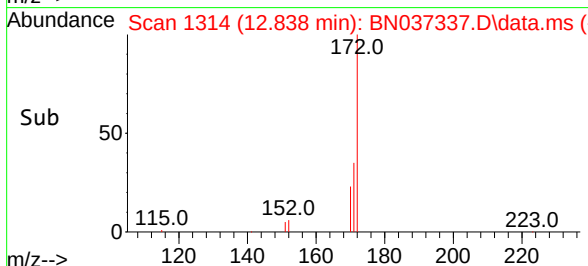
Instrument :
BNA_N
ClientSampleId :
PB168508BS



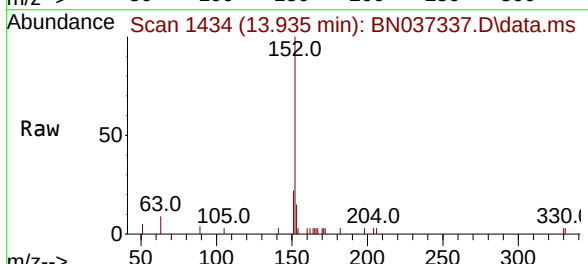
Tgt Ion:172 Resp: 2710
Ion Ratio Lower Upper
172 100
171 37.2 30.8 46.2
170 24.9 21.9 32.9

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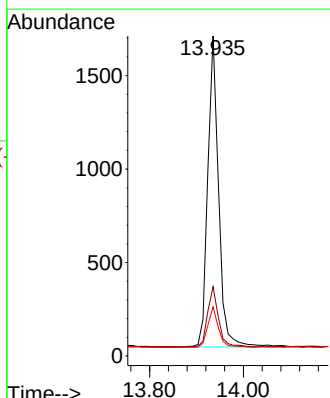
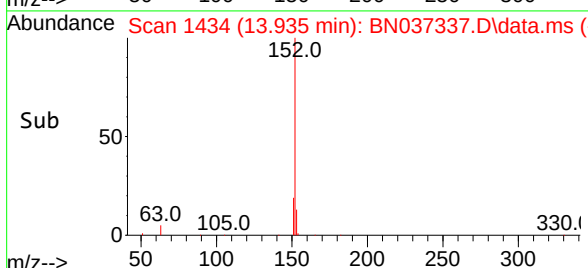
Reviewed By :Anahy Claudio 06/19/2025
Supervised By :mohammad ahmed 06/23/2025

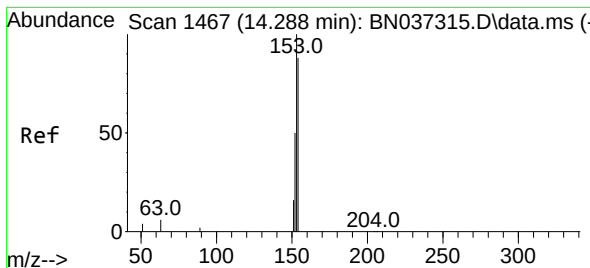


#16
Acenaphthylene
Concen: 0.378 ng
RT: 13.935 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BN037337.D
Acq: 19 Jun 2025 05:54



Tgt Ion:152 Resp: 2681
Ion Ratio Lower Upper
152 100
151 19.3 16.6 24.8
153 13.0 10.2 15.2





#17

Acenaphthene

Concen: 0.334 ng

RT: 14.277 min Scan# 1466

Delta R.T. -0.011 min

Lab File: BN037337.D

Acq: 19 Jun 2025 05:54

Instrument :

BNA_N

ClientSampleId :

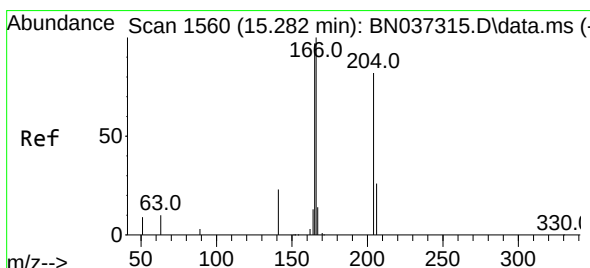
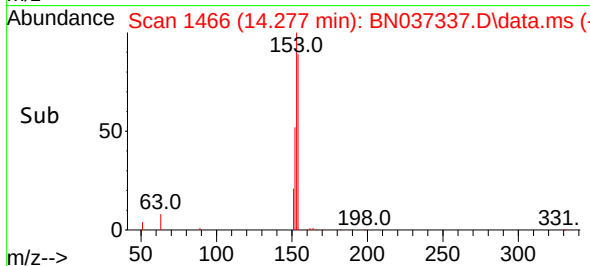
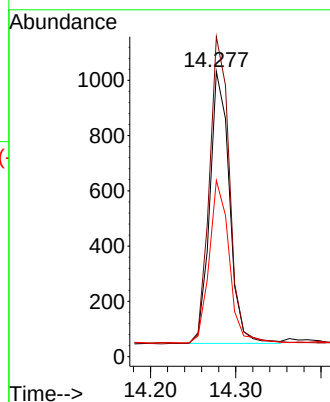
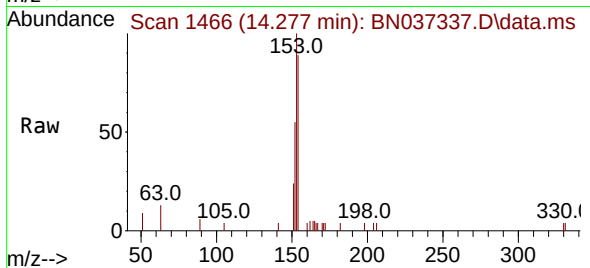
PB168508BS

Tgt Ion:	154	Resp:	157
Ion Ratio	Lower	Upper	
154	100		
153	117.1	93.1	139.7
152	60.2	48.6	73.0

Manual Integrations

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Reviewed By :Anahy Claudio 06/19/2025
Supervised By :mohammad ahmed 06/23/2025



#18

Fluorene

Concen: 0.338 ng

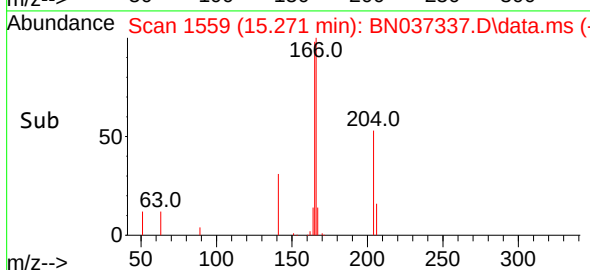
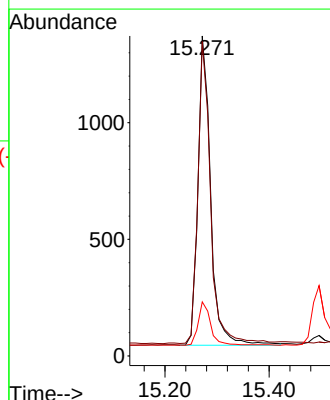
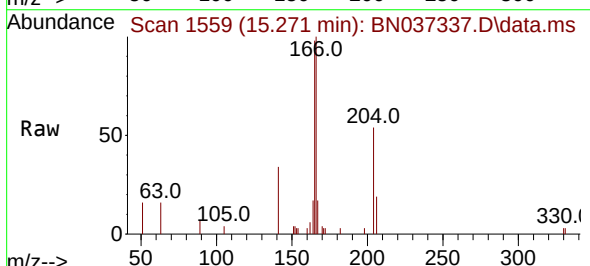
RT: 15.271 min Scan# 1559

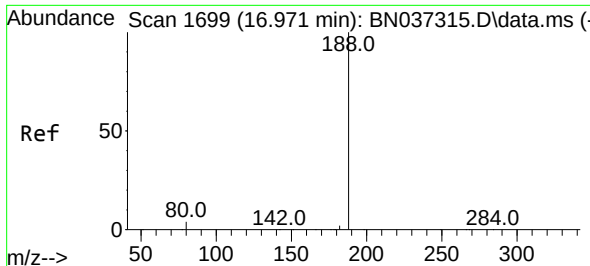
Delta R.T. -0.011 min

Lab File: BN037337.D

Acq: 19 Jun 2025 05:54

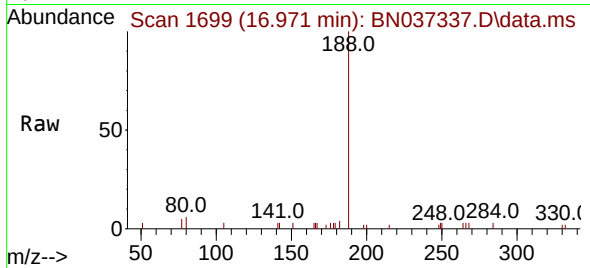
Tgt Ion:	166	Resp:	2259
Ion Ratio	Lower	Upper	
166	100		
165	97.0	79.5	119.3
167	13.3	10.7	16.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BN037337.D
Acq: 19 Jun 2025 05:54

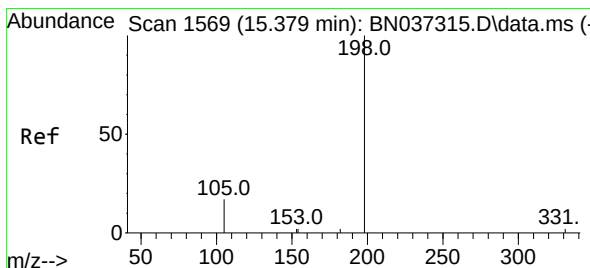
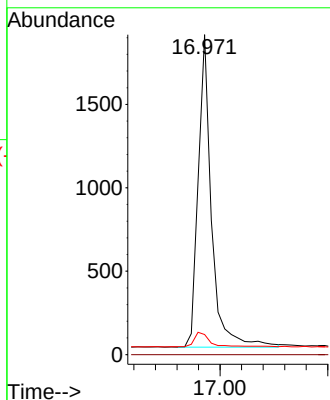
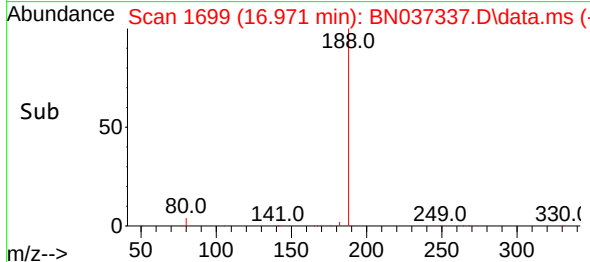
Instrument :
BNA_N
ClientSampleId :
PB168508BS



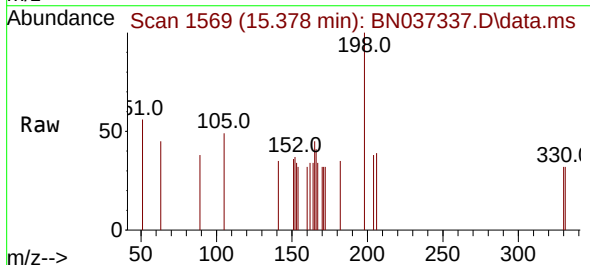
Tgt Ion:188 Resp: 321
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.3 6.2 9.2

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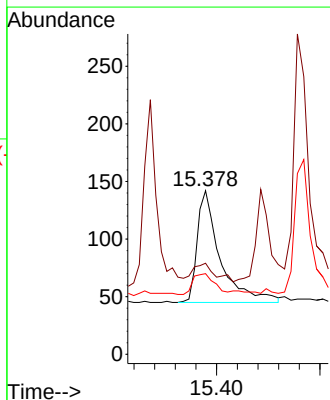
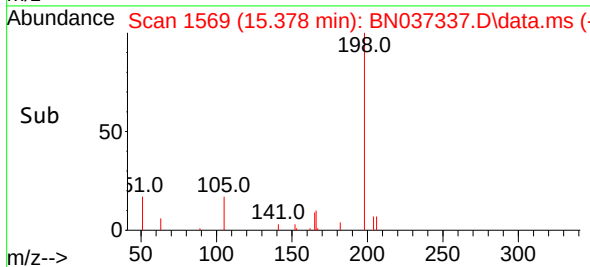
Reviewed By :Anahy Claudio 06/19/2025
Supervised By :mohammad ahmed 06/23/2025

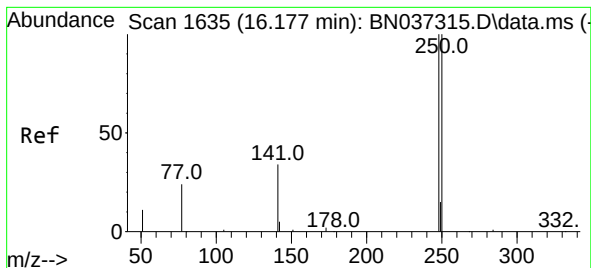


#20
4,6-Dinitro-2-methylphenol
Concen: 0.306 ng
RT: 15.378 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BN037337.D
Acq: 19 Jun 2025 05:54



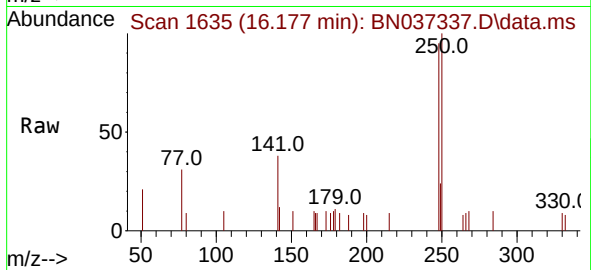
Tgt Ion:198 Resp: 302
Ion Ratio Lower Upper
198 100
51 55.6 51.4 77.0
105 49.3 45.5 68.3





#21
4-Bromophenyl-phenylether
Concen: 0.343 ng
RT: 16.177 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BN037337.D
Acq: 19 Jun 2025 05:54

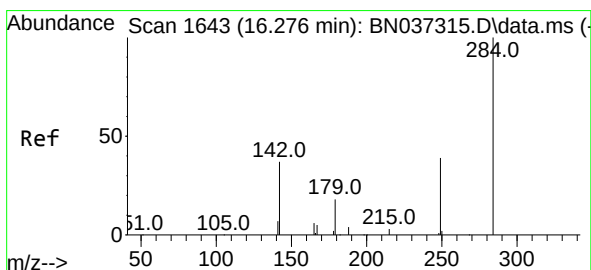
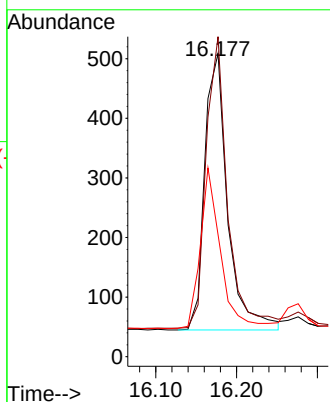
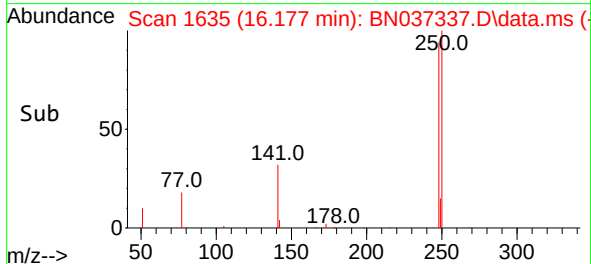
Instrument :
BNA_N
ClientSampleId :
PB168508BS



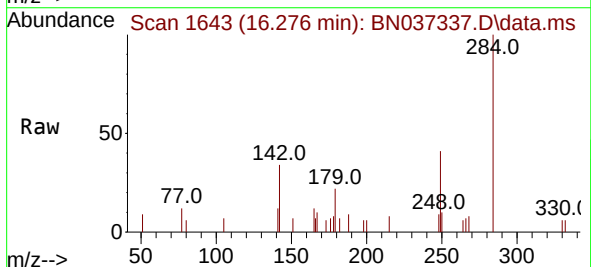
Tgt Ion:248 Resp: 914
Ion Ratio Lower Upper
248 100
250 105.5 80.4 120.6
141 40.3 33.3 49.9

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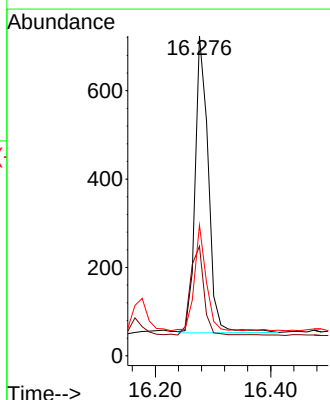
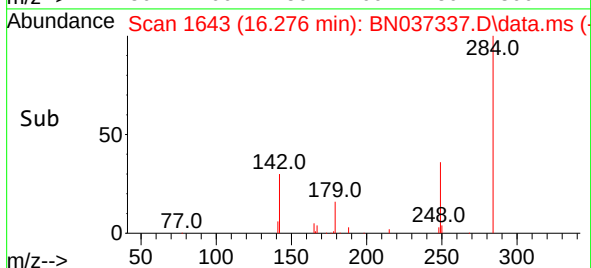
Reviewed By :Anahy Claudio 06/19/2025
Supervised By :mohammad ahmed 06/23/2025

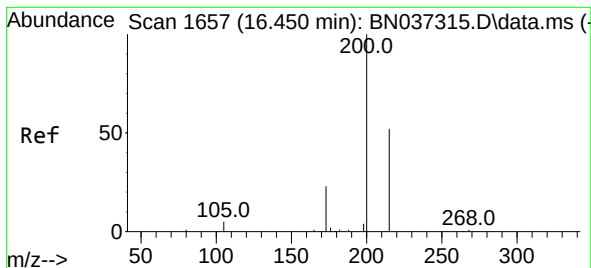


#22
Hexachlorobenzene
Concen: 0.382 ng
RT: 16.276 min Scan# 1643
Delta R.T. -0.000 min
Lab File: BN037337.D
Acq: 19 Jun 2025 05:54



Tgt Ion:284 Resp: 1066
Ion Ratio Lower Upper
284 100
142 30.2 27.0 40.6
249 31.9 28.8 43.2





#23

Atrazine

Concen: 0.357 ng

RT: 16.450 min Scan# 1657

Delta R.T. -0.000 min

Lab File: BN037337.D

Acq: 19 Jun 2025 05:54

Instrument :

BNA_N

ClientSampleId :

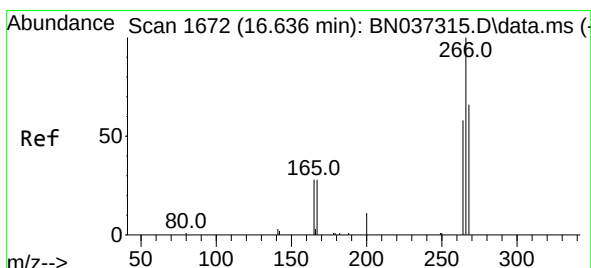
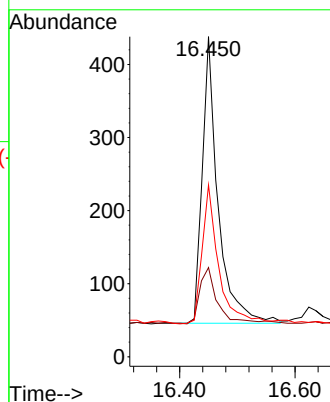
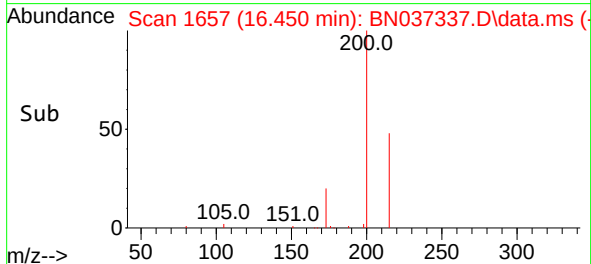
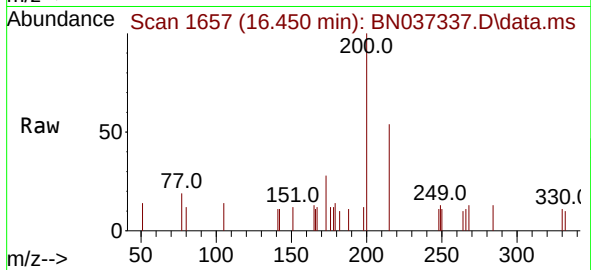
PB168508BS

Tgt Ion:	200	Resp:	74.1
Ion Ratio	Lower	Upper	
200	100		
173	27.9	29.2	43.8
215	53.7	48.8	73.2

Manual Integrations

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Reviewed By :Anahy Claudio 06/19/2025
Supervised By :mohammad ahmed 06/23/2025



#24

Pentachlorophenol

Concen: 0.162 ng

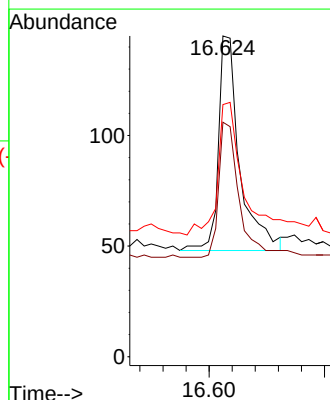
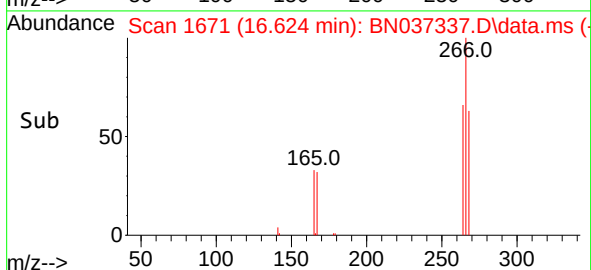
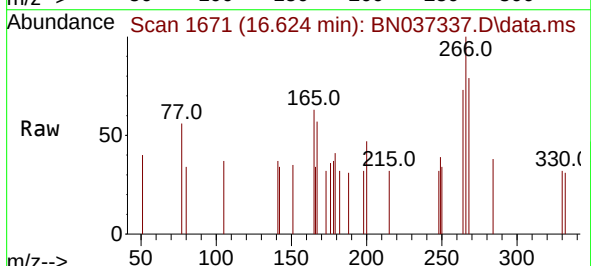
RT: 16.624 min Scan# 1671

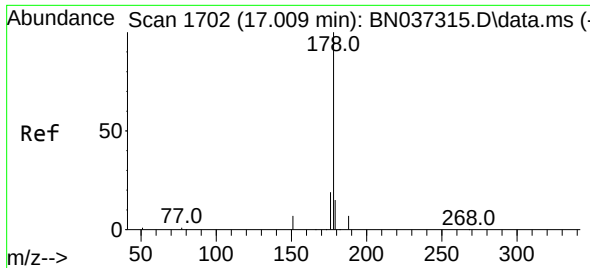
Delta R.T. -0.013 min

Lab File: BN037337.D

Acq: 19 Jun 2025 05:54

Tgt Ion:	266	Resp:	250
Ion Ratio	Lower	Upper	
266	100		
264	62.0	50.3	75.5
268	77.6	55.3	82.9





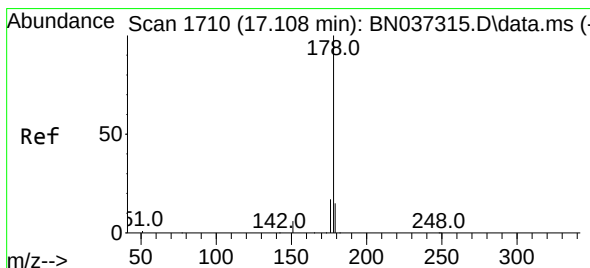
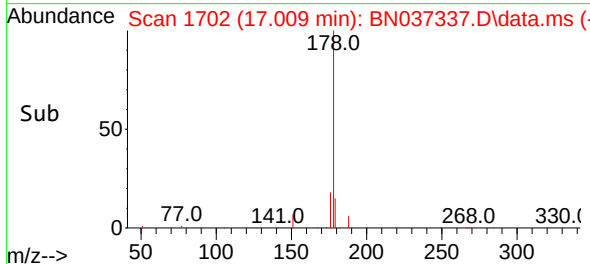
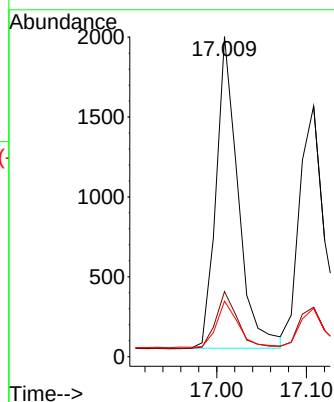
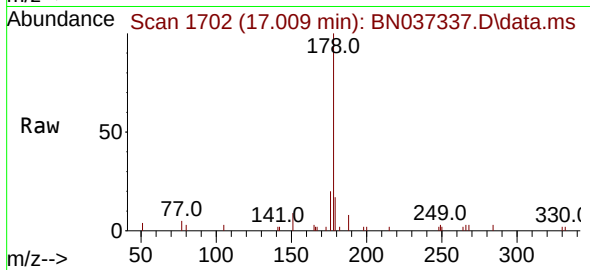
#25
Phenanthrene
Concen: 0.368 ng
RT: 17.009 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BN037337.D
Acq: 19 Jun 2025 05:54

Instrument :
BNA_N
ClientSampleId :
PB168508BS

Tgt Ion:178 Resp: 3320
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.0 12.9 19.3

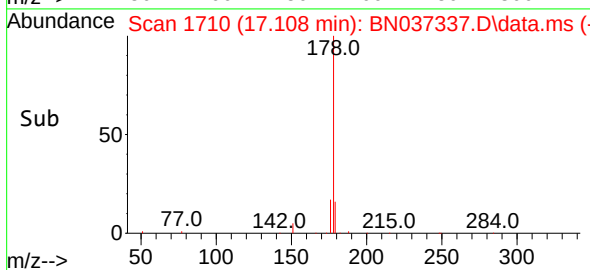
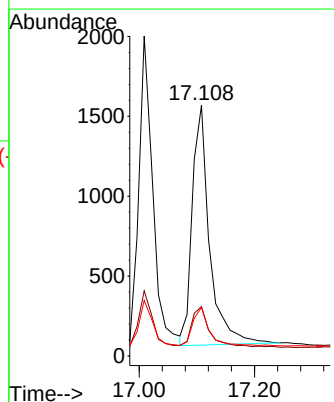
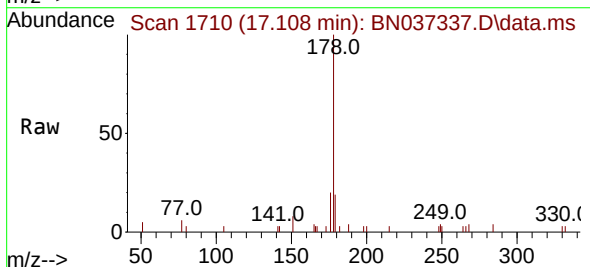
Manual Integrations
APPROVED

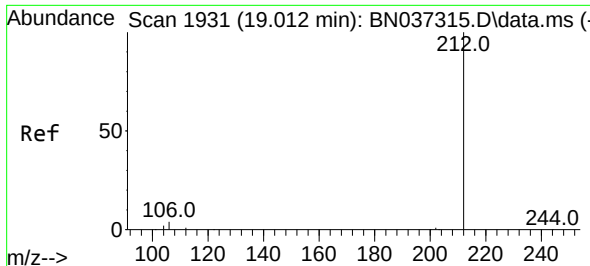
Reviewed By :Anahy Claudio 06/19/2025
Supervised By :mohammad ahmed 06/23/2025



#26
Anthracene
Concen: 0.369 ng
RT: 17.108 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BN037337.D
Acq: 19 Jun 2025 05:54

Tgt Ion:178 Resp: 3130
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 16.4 13.0 19.6





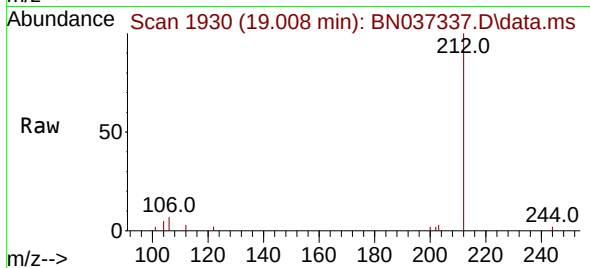
#27
Fluoranthene-d10
Concen: 0.329 ng
RT: 19.008 min Scan# 1930
Delta R.T. -0.005 min
Lab File: BN037337.D
Acq: 19 Jun 2025 05:54

Instrument :

BNA_N

ClientSampleId :

PB168508BS

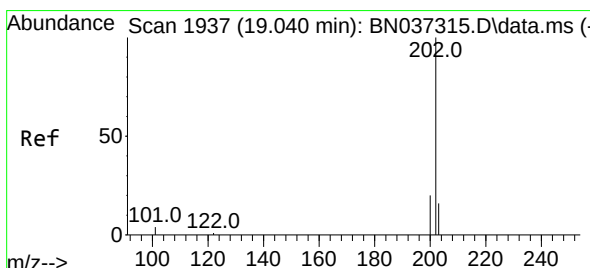
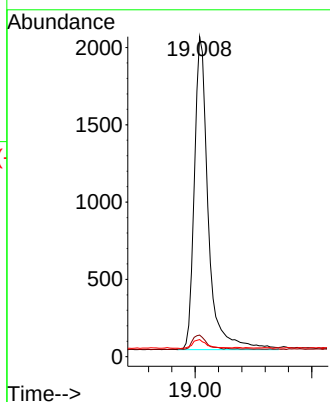
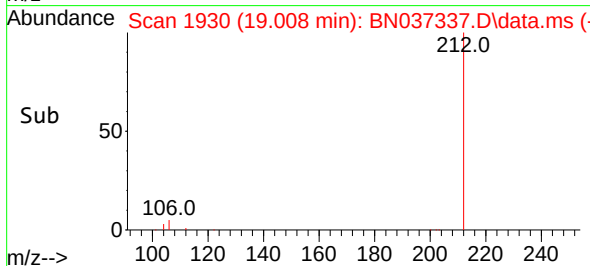


Tgt Ion:212 Resp: 335
Ion Ratio Lower Upper
212 100
106 4.7 3.0 4.4
104 3.0 2.0 3.0

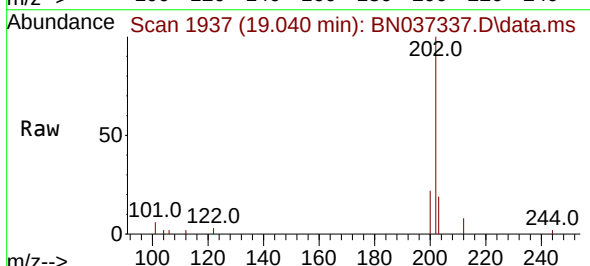
Manual Integrations

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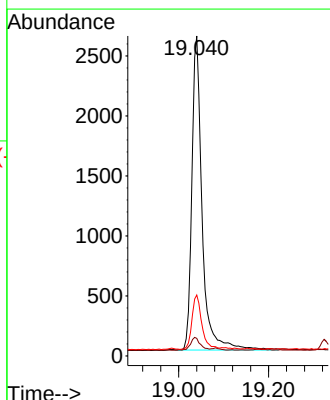
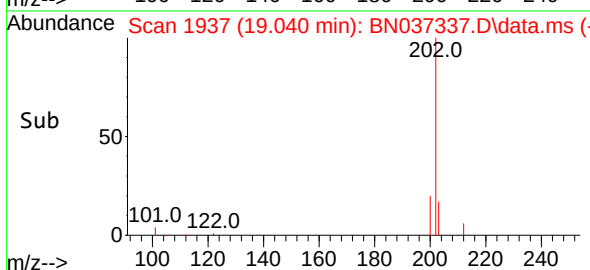
Reviewed By :Anahy Claudio 06/19/2025
Supervised By :mohammad ahmed 06/23/2025

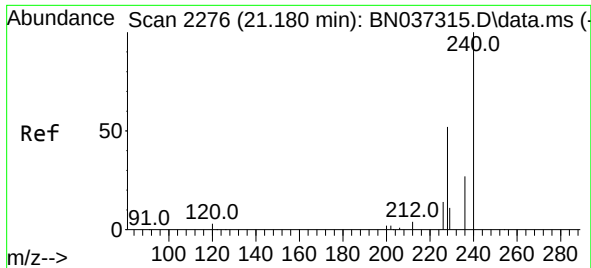


#28
Fluoranthene
Concen: 0.331 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BN037337.D
Acq: 19 Jun 2025 05:54



Tgt Ion:202 Resp: 4162
Ion Ratio Lower Upper
202 100
101 3.9 3.0 4.6
203 16.6 13.7 20.5





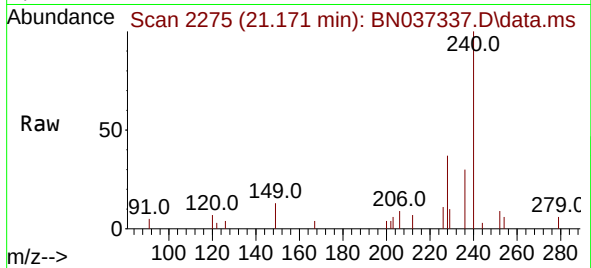
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 2115
Delta R.T. -0.009 min
Lab File: BN037337.D
Acq: 19 Jun 2025 05:54

Instrument :

BNA_N

ClientSampleId :

PB168508BS

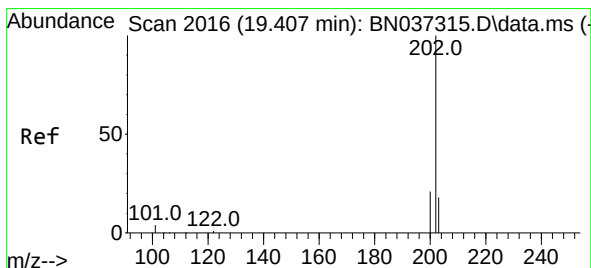
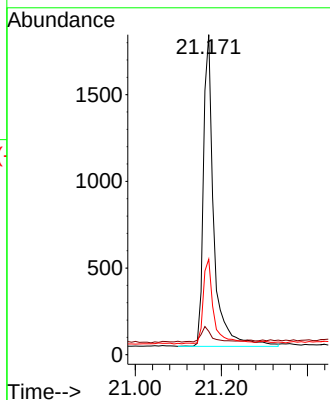
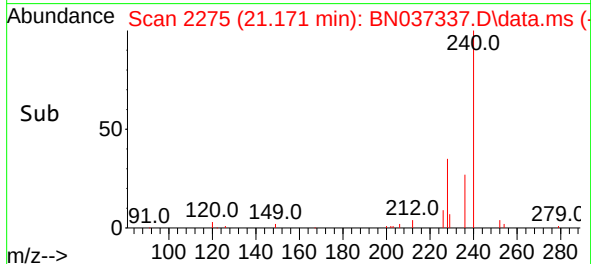


Tgt Ion:240 Resp: 3029
Ion Ratio Lower Upper
240 100
120 7.3 7.5 11.3
236 29.8 24.9 37.3

Manual Integrations

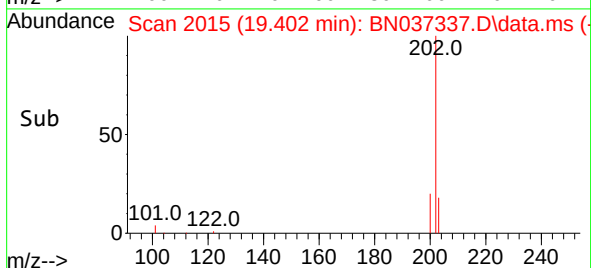
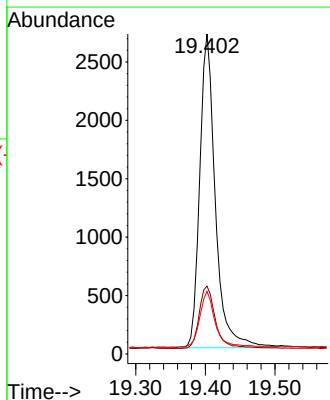
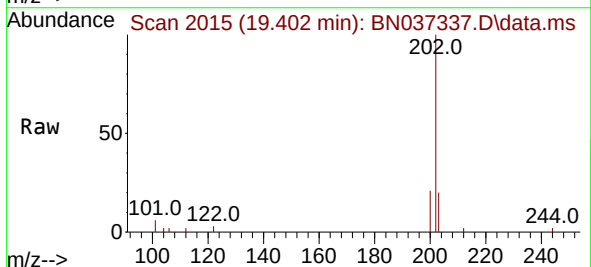
APPROVED

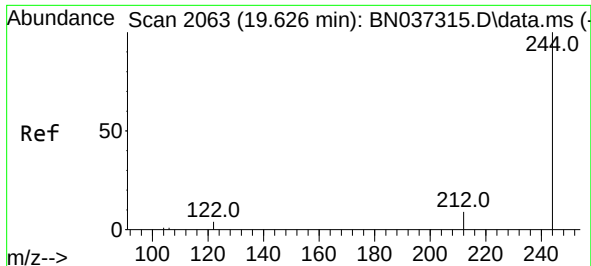
Reviewed By :Anahy Claudio 06/19/2025
Supervised By :mohammad ahmed 06/23/2025



#30
Pyrene
Concen: 0.363 ng
RT: 19.402 min Scan# 2015
Delta R.T. -0.005 min
Lab File: BN037337.D
Acq: 19 Jun 2025 05:54

Tgt Ion:202 Resp: 4189
Ion Ratio Lower Upper
202 100
200 20.7 16.8 25.2
203 17.8 14.5 21.7





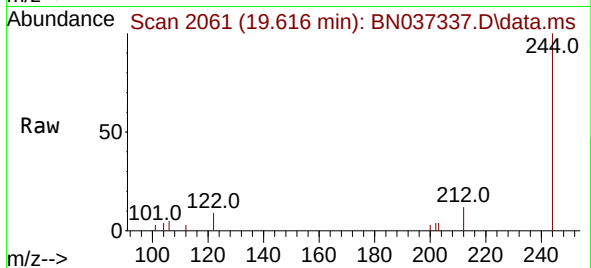
#31
 Terphenyl-d14
 Concen: 0.363 ng
 RT: 19.616 min Scan# 2061
 Delta R.T. -0.009 min
 Lab File: BN037337.D
 Acq: 19 Jun 2025 05:54

Instrument :

BNA_N

ClientSampleId :

PB168508BS

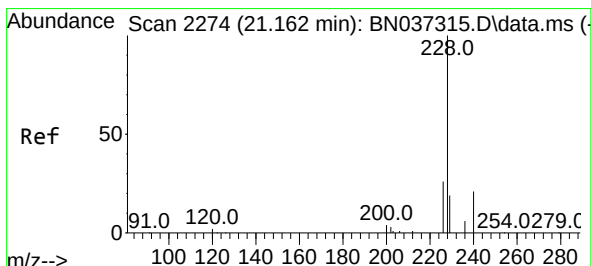
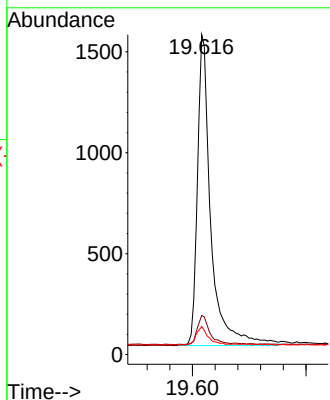
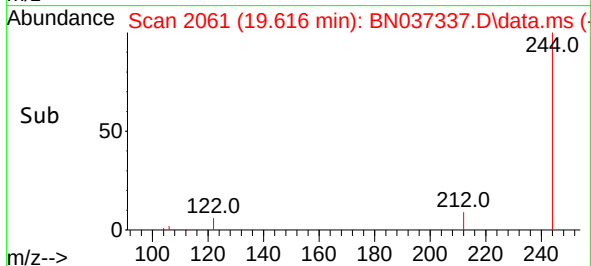


Tgt Ion:244 Resp: 252
 Ion Ratio Lower Upper
 244 100
 212 12.2 11.1 16.7
 122 8.8 7.2 10.8

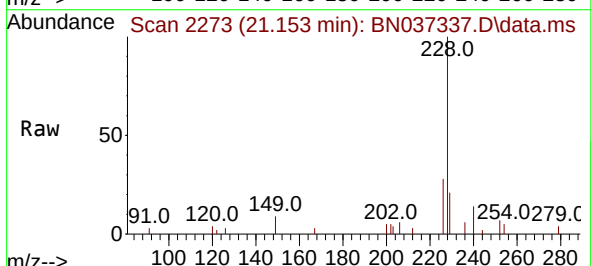
Manual Integrations

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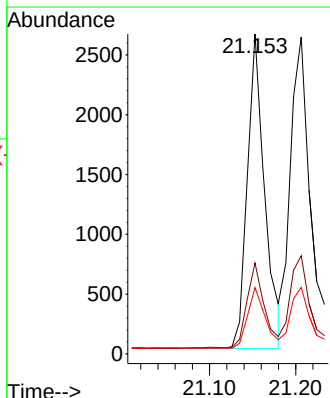
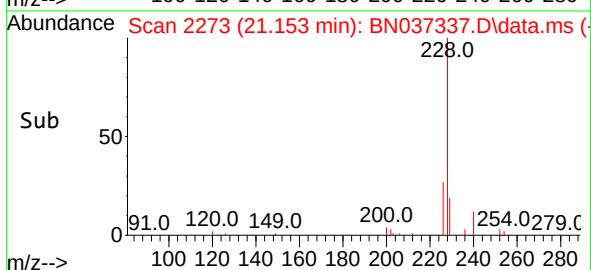
Reviewed By :Anahy Claudio 06/19/2025
 Supervised By :mohammad ahmed 06/23/2025

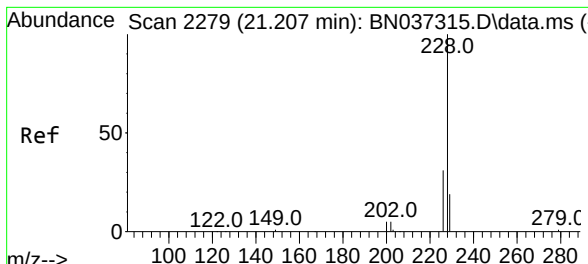


#32
 Benzo(a)anthracene
 Concen: 0.377 ng
 RT: 21.153 min Scan# 2273
 Delta R.T. -0.009 min
 Lab File: BN037337.D
 Acq: 19 Jun 2025 05:54



Tgt Ion:228 Resp: 3675
 Ion Ratio Lower Upper
 228 100
 226 28.4 23.0 34.4
 229 20.7 17.4 26.0





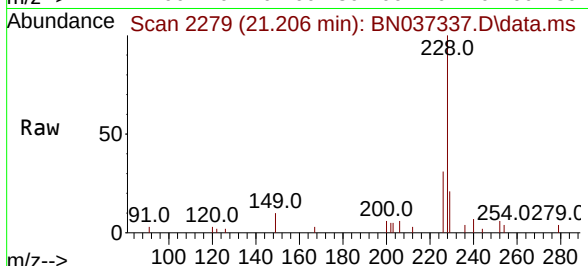
#33
 Chrysene
 Concen: 0.363 ng
 RT: 21.206 min Scan# 2127
 Delta R.T. -0.000 min
 Lab File: BN037337.D
 Acq: 19 Jun 2025 05:54

Instrument :

BNA_N

ClientSampleId :

PB168508BS

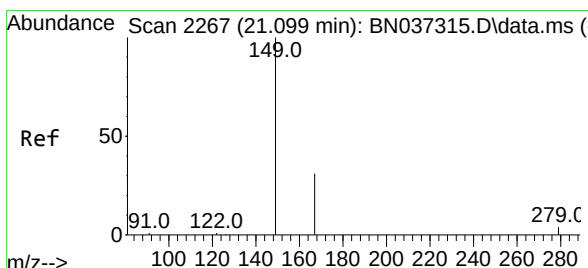
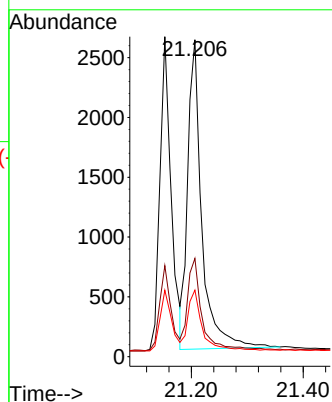
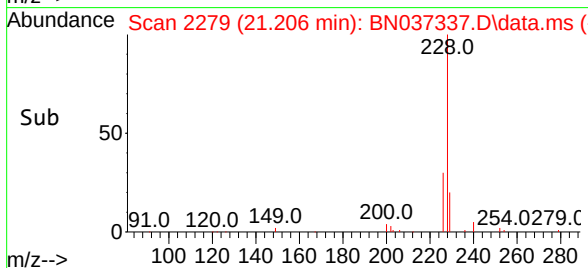


Tgt Ion:	228	Resp:	451
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.4	38.2
229	21.0	17.3	25.9

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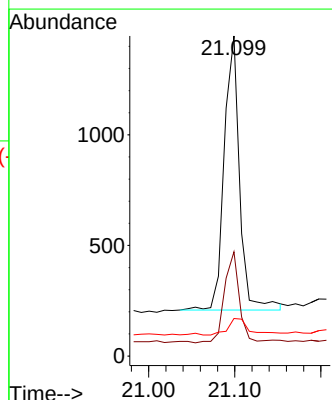
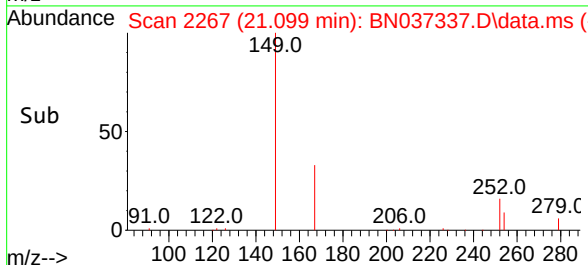
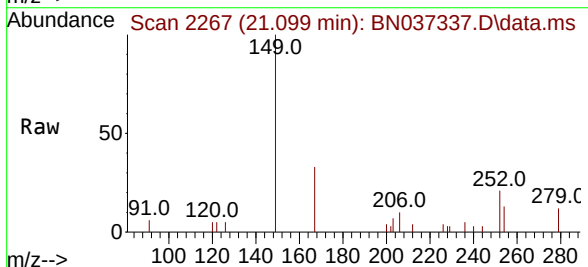
APPROVED

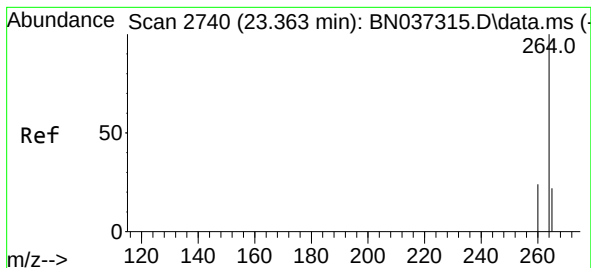
Reviewed By :Anahy Claudio 06/19/2025
 Supervised By :mohammad ahmed 06/23/2025



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.384 ng
 RT: 21.099 min Scan# 2267
 Delta R.T. -0.000 min
 Lab File: BN037337.D
 Acq: 19 Jun 2025 05:54

Tgt Ion:	149	Resp:	1537
Ion Ratio	Lower	Upper	
149	100		
167	31.9	24.6	37.0
279	8.3	6.5	9.7





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.354 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037337.D

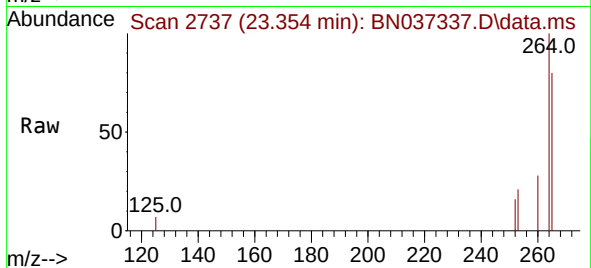
Acq: 19 Jun 2025 05:54

Instrument :

BNA_N

ClientSampleId :

PB168508BS



Tgt Ion:264 Resp: 323

Ion Ratio Lower Upper

264 100

260 27.9 21.4 32.2

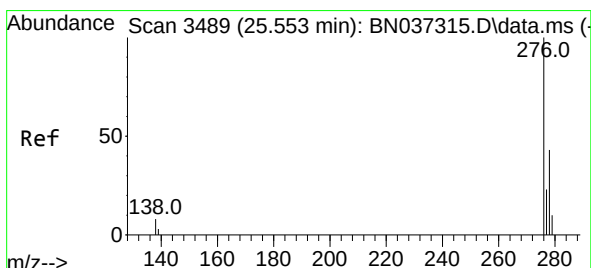
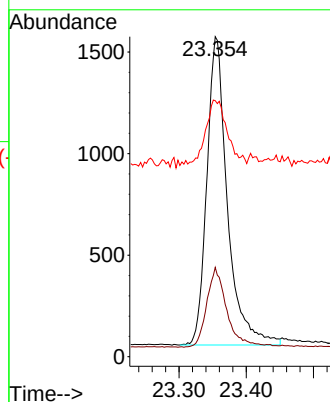
265 80.0 71.4 107.0

Manual Integrations

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Reviewed By :Anahy Claudio 06/19/2025

Supervised By :mohammad ahmed 06/23/2025



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.405 ng

RT: 25.541 min Scan# 3485

Delta R.T. -0.012 min

Lab File: BN037337.D

Acq: 19 Jun 2025 05:54

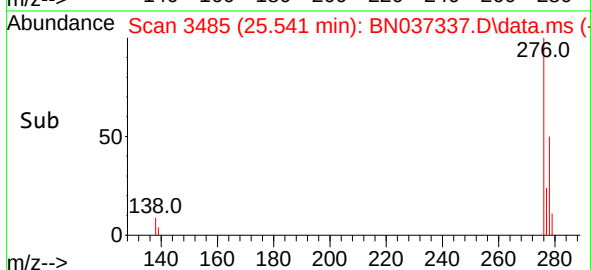
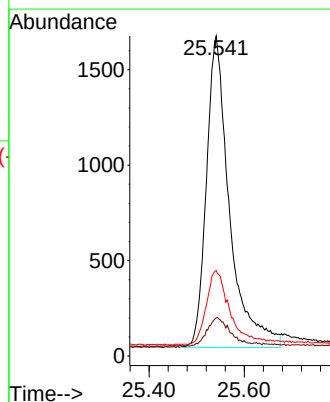
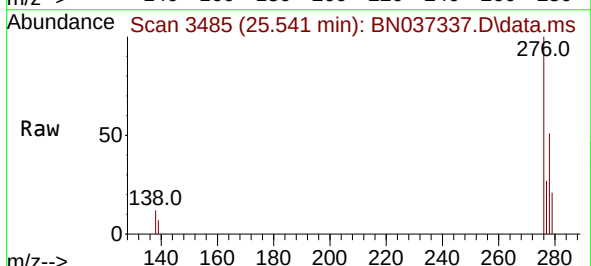
Tgt Ion:276 Resp: 5500

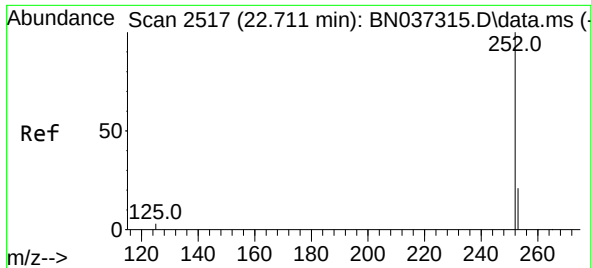
Ion Ratio Lower Upper

276 100

138 8.9 2.2 3.2#

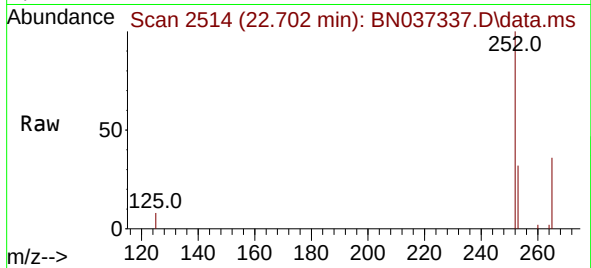
277 24.1 17.1 25.7





#37
Benzo(b)fluoranthene
Concen: 0.358 ng
RT: 22.702 min Scan# 2514
Delta R.T. -0.009 min
Lab File: BN037337.D
Acq: 19 Jun 2025 05:54

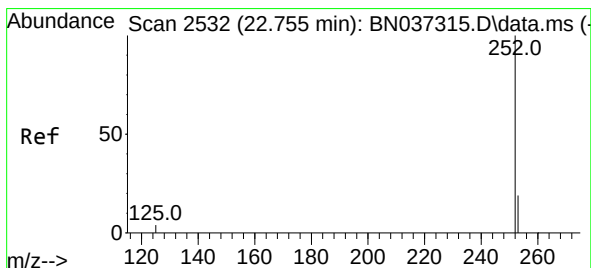
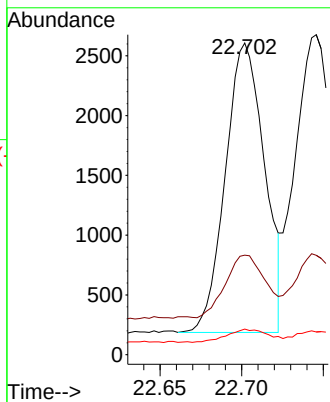
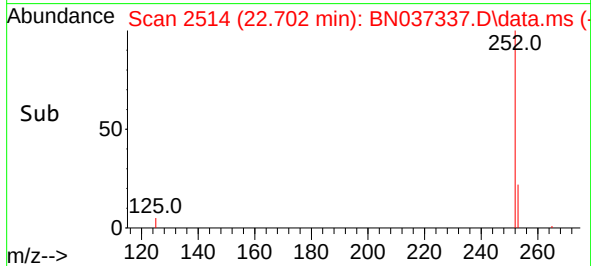
Instrument :
BNA_N
ClientSampleId :
PB168508BS



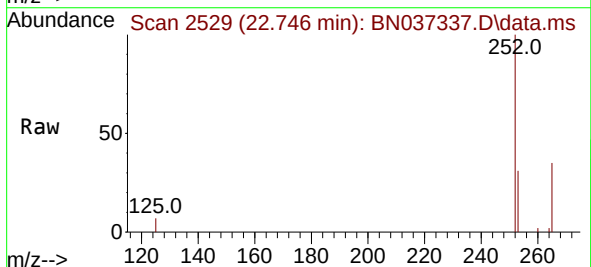
Tgt Ion:252 Resp: 4039
Ion Ratio Lower Upper
252 100
253 31.9 26.6 40.0
125 8.2 6.1 9.1

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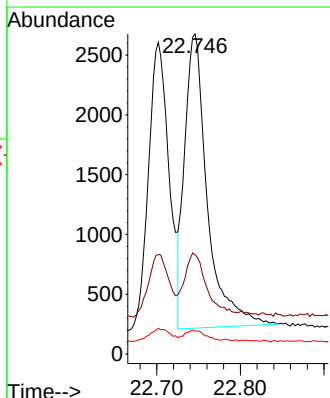
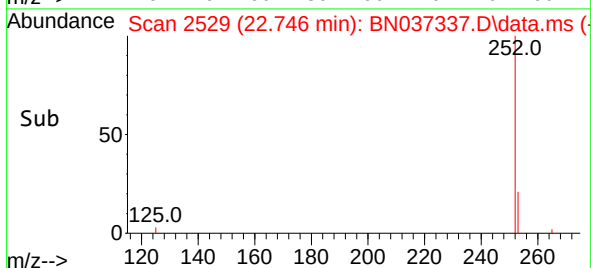
Reviewed By :Anahy Claudio 06/19/2025
Supervised By :mohammad ahmed 06/23/2025

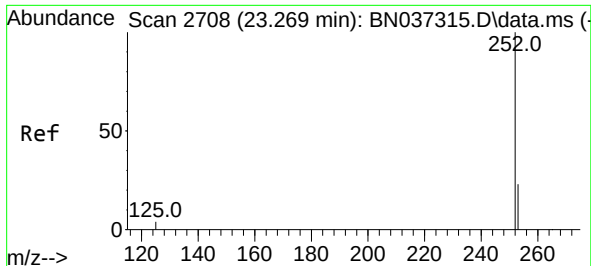


#38
Benzo(k)fluoranthene
Concen: 0.374 ng
RT: 22.746 min Scan# 2529
Delta R.T. -0.009 min
Lab File: BN037337.D
Acq: 19 Jun 2025 05:54



Tgt Ion:252 Resp: 4639
Ion Ratio Lower Upper
252 100
253 31.1 26.7 40.1
125 7.1 6.5 9.7





#39

Benzo(a)pyrene

Concen: 0.386 ng

RT: 23.260 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037337.D

Acq: 19 Jun 2025 05:54

Instrument :

BNA_N

ClientSampleId :

PB168508BS

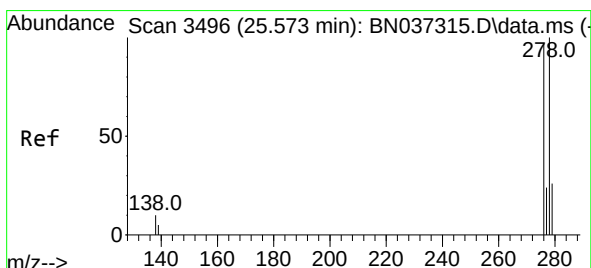
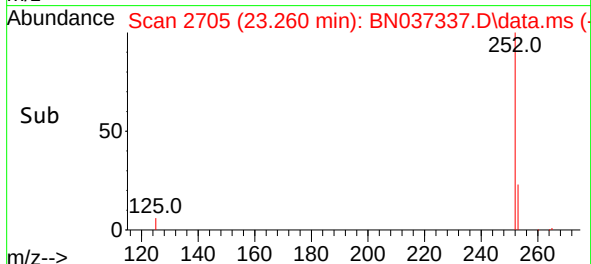
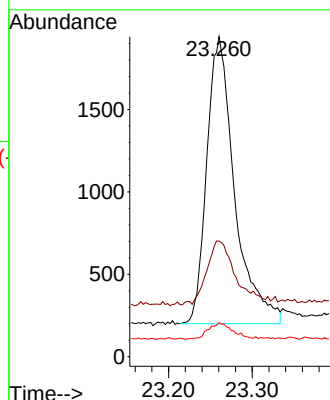
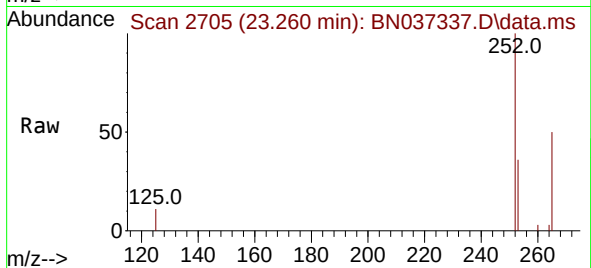
Tgt Ion:252 Resp: 4040

Ion	Ratio	Lower	Upper
252	100		
253	36.1	31.6	47.4
125	10.7	8.4	12.6

Manual Integrations

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Reviewed By :Anahy Claudio 06/19/2025
Supervised By :mohammad ahmed 06/23/2025



#40

Dibenzo(a,h)anthracene

Concen: 0.375 ng

RT: 25.555 min Scan# 3490

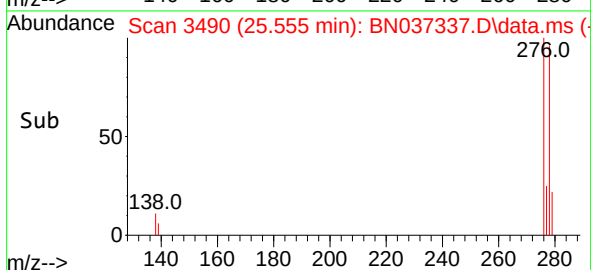
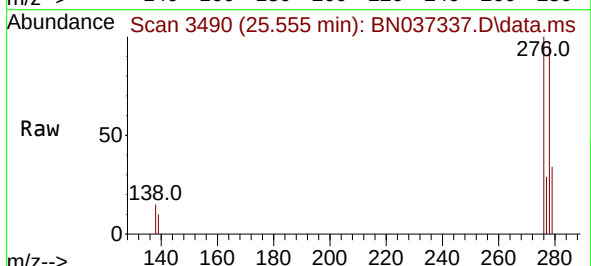
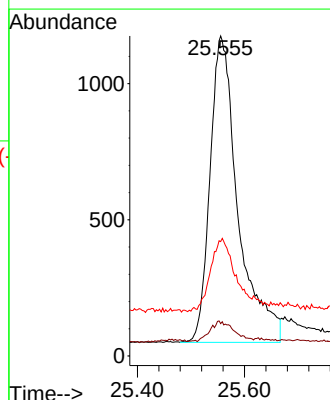
Delta R.T. -0.018 min

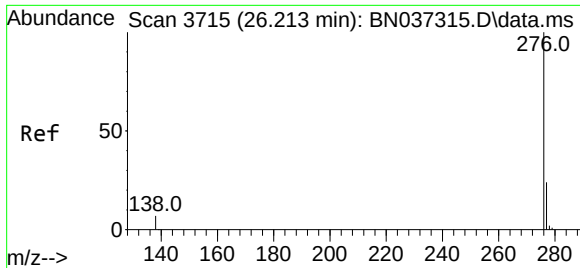
Lab File: BN037337.D

Acq: 19 Jun 2025 05:54

Tgt Ion:278 Resp: 4089

Ion	Ratio	Lower	Upper
278	100		
139	10.1	10.2	15.4#
279	35.7	35.6	53.4





#41

Benzo(g,h,i)perylene

Concen: 0.373 ng

RT: 26.204 min Scan# 31

Delta R.T. -0.009 min

Lab File: BN037337.D

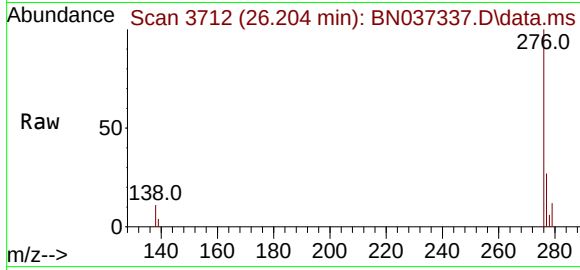
Acq: 19 Jun 2025 05:54

Instrument :

BNA_N

ClientSampleId :

PB168508BS



Tgt Ion:276 Resp: 464

Ion Ratio Lower Upper

276 100

277 27.0 22.7 34.1

138 10.7 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/19/2025

Supervised By :mohammad ahmed 06/23/2025

