

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021225\
 Data File : BN036453.D
 Acq On : 12 Feb 2025 22:59
 Operator : RC/JU
 Sample : PB166609BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB166609BS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 02/13/2025
 Supervised By :Jagrut Upadhyay 02/13/2025

Quant Time: Feb 12 23:30:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 11 01:17:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.753	152	3011	0.400	ng	0.00
7) Naphthalene-d8	10.541	136	7784	0.400	ng	# 0.00
13) Acenaphthene-d10	14.387	164	4813	0.400	ng	0.00
19) Phenanthrene-d10	17.136	188	10562	0.400	ng	0.00
29) Chrysene-d12	21.322	240	7248	0.400	ng	0.00
35) Perylene-d12	23.589	264	6369	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	3244	0.456	ng	0.00
5) Phenol-d6	6.930	99	3940	0.472	ng	0.00
8) Nitrobenzene-d5	8.896	82	2772	0.361	ng	-0.01
11) 2-Methylnaphthalene-d10	12.131	152	5300m	0.443	ng	-0.01
14) 2,4,6-Tribromophenol	15.882	330	708	0.297	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	7565	0.418	ng	-0.01
27) Fluoranthene-d10	19.164	212	10478	0.357	ng	0.00
31) Terphenyl-d14	19.768	244	7398	0.478	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.268	88	1085	0.329	ng	# 57
3) n-Nitrosodimethylamine	3.571	42	2088	0.365	ng	# 90
6) bis(2-Chloroethyl)ether	7.175	93	3554	0.407	ng	98
9) Naphthalene	10.583	128	8690	0.387	ng	99
10) Hexachlorobutadiene	10.882	225	2068	0.378	ng	# 98
12) 2-Methylnaphthalene	12.207	142	5760	0.391	ng	98
16) Acenaphthylene	14.110	152	8818	0.415	ng	99
17) Acenaphthene	14.452	154	5721	0.403	ng	98
18) Fluorene	15.435	166	7941	0.393	ng	99
20) 4,6-Dinitro-2-methylph...	15.522	198	674	0.325	ng	85
21) 4-Bromophenyl-phenylether	16.329	248	2434	0.386	ng	# 86
22) Hexachlorobenzene	16.441	284	3116	0.400	ng	95
23) Atrazine	16.602	200	1968	0.374	ng	96
24) Pentachlorophenol	16.788	266	1685	0.456	ng	98
25) Phenanthrene	17.173	178	12047	0.395	ng	99
26) Anthracene	17.260	178	11346	0.421	ng	99
28) Fluoranthene	19.197	202	13225	0.353	ng	99
30) Pyrene	19.559	202	13610	0.488	ng	100
32) Benzo(a)anthracene	21.304	228	9986	0.419	ng	99
33) Chrysene	21.357	228	11145	0.432	ng	99
34) Bis(2-ethylhexyl)phtha...	21.241	149	6951	0.468	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.884	276	9071	0.407	ng	99
37) Benzo(b)fluoranthene	22.905	252	8409	0.401	ng	# 83
38) Benzo(k)fluoranthene	22.949	252	9082	0.421	ng	# 87
39) Benzo(a)pyrene	23.490	252	7964	0.435	ng	# 80
40) Dibenzo(a,h)anthracene	25.905	278	6945	0.395	ng	# 88
41) Benzo(g,h,i)perylene	26.586	276	7117	0.357	ng	94

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

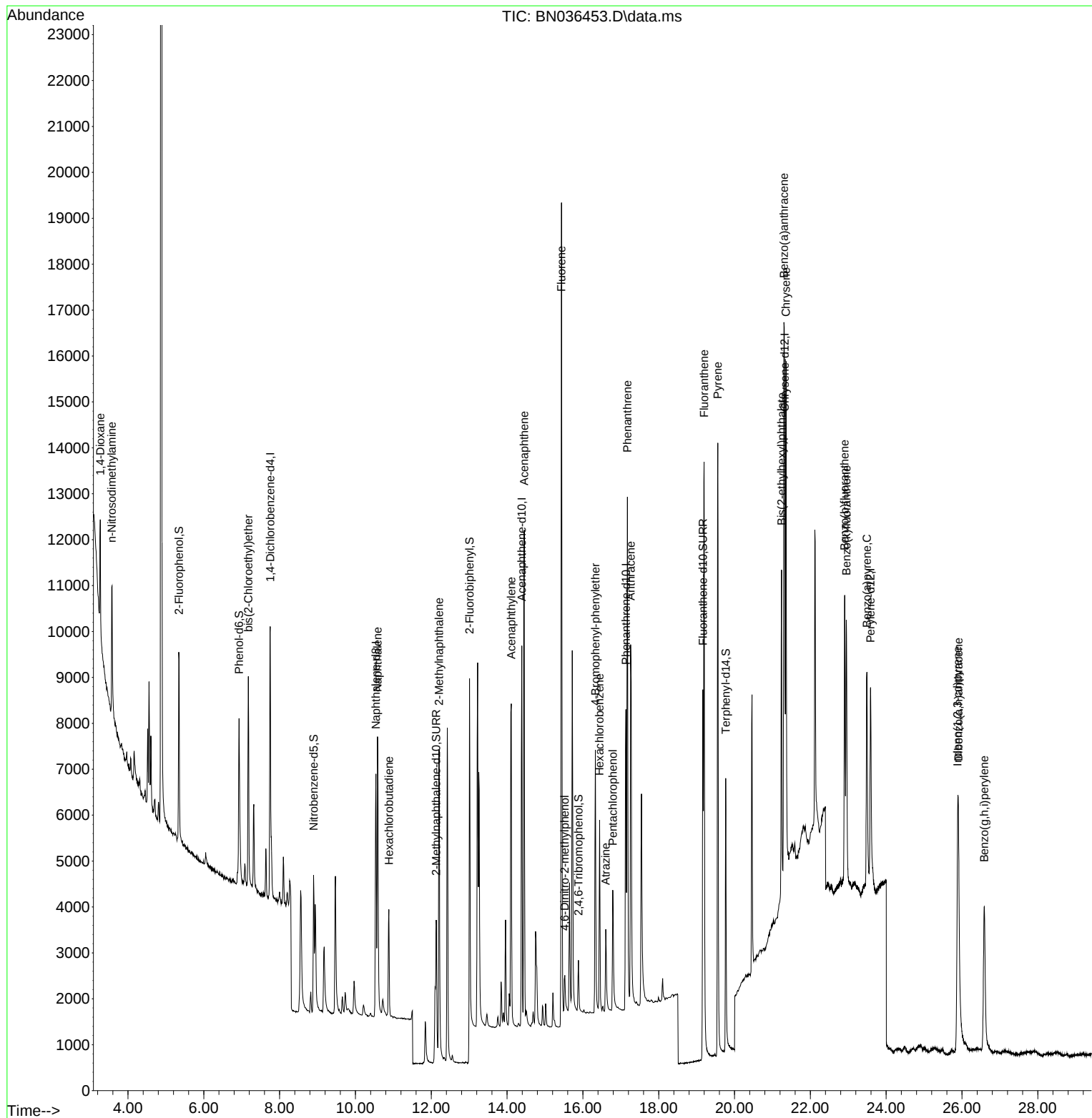
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021225\
Data File : BN036453.D
Acq On : 12 Feb 2025 22:59
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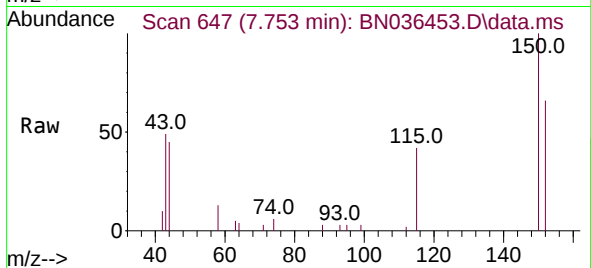
Quant Time: Feb 12 23:30:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.753 min Scan# 647
 Delta R.T. 0.000 min
 Lab File: BN036453.D
 Acq: 12 Feb 2025 22:59

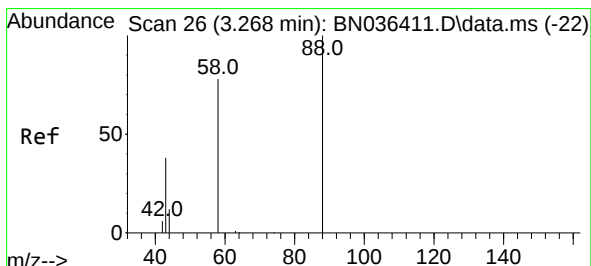
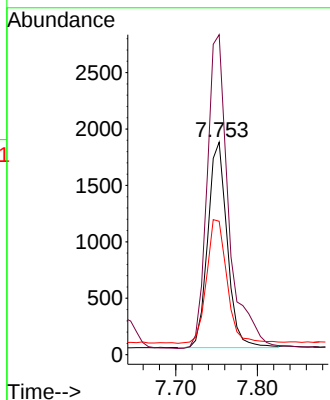
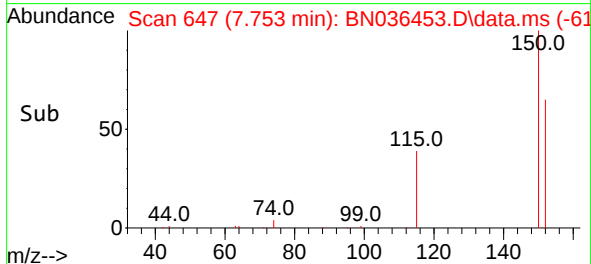
Instrument :
 BNA_N
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Tgt Ion: 152 Resp: 301
 Ion Ratio Lower Upper
 152 100
 150 150.6 123.7 185.5
 115 62.8 52.5 78.7

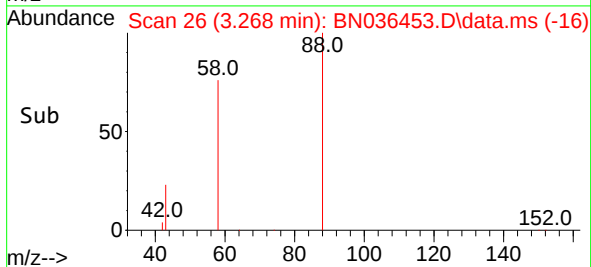
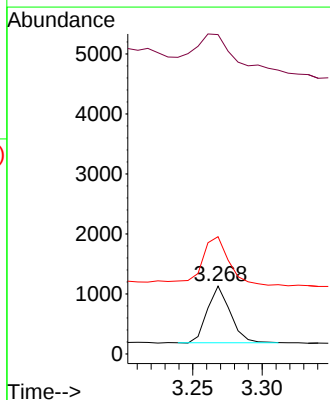
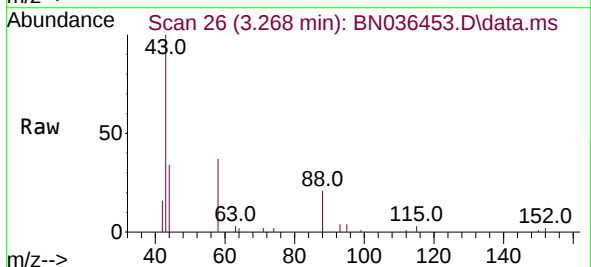
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#2
 1,4-Dioxane
 Concen: 0.329 ng
 RT: 3.268 min Scan# 26
 Delta R.T. -0.000 min
 Lab File: BN036453.D
 Acq: 12 Feb 2025 22:59

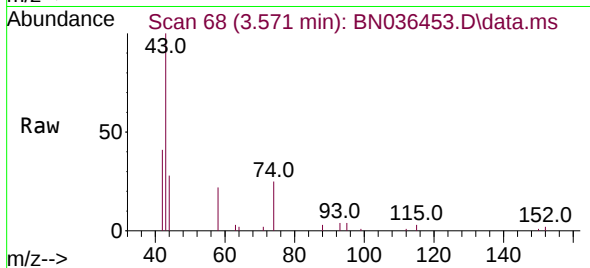
Tgt Ion: 88 Resp: 1085
 Ion Ratio Lower Upper
 88 100
 43 100.3 33.7 50.5#
 58 104.3 68.9 103.3#





#3
n-Nitrosodimethylamine
Concen: 0.365 ng
RT: 3.571 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN036453.D
Acq: 12 Feb 2025 22:59

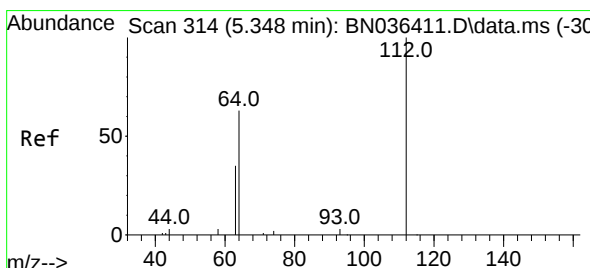
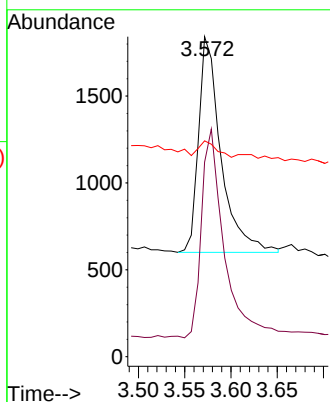
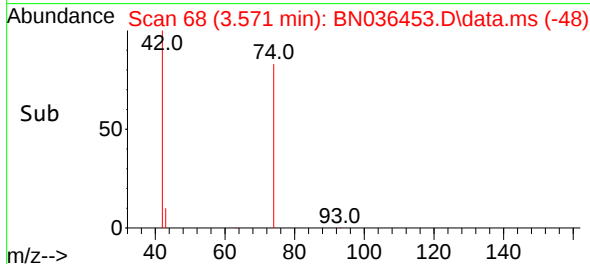
Instrument :
BNA_N
ClientSampleId :
PB166609BS



Tgt Ion: 42 Resp: 2088
Ion Ratio Lower Upper
42 100
74 98.8 71.8 107.6
44 5.7 7.8 11.6

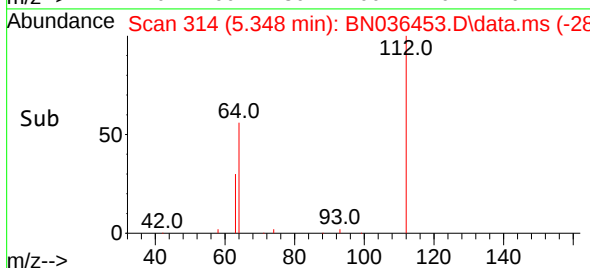
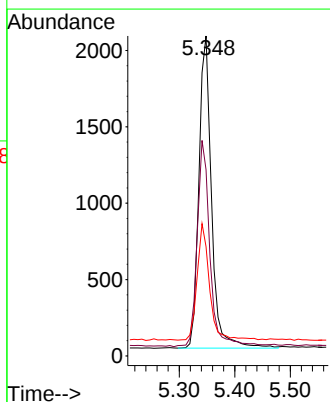
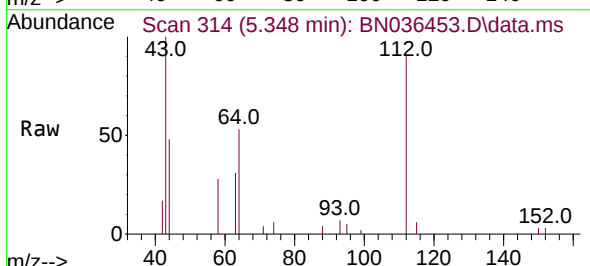
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#4
2-Fluorophenol
Concen: 0.456 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN036453.D
Acq: 12 Feb 2025 22:59

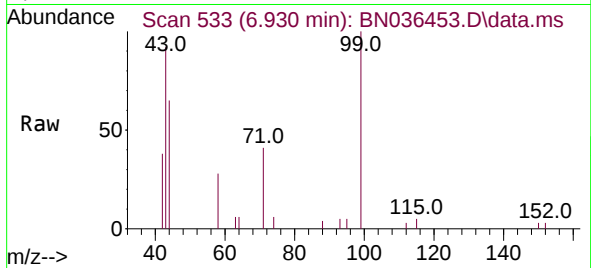
Tgt Ion:112 Resp: 3244
Ion Ratio Lower Upper
112 100
64 66.5 53.4 80.0
63 36.5 30.3 45.5





#5
Phenol-d6
Concen: 0.472 ng
RT: 6.930 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN036453.D
Acq: 12 Feb 2025 22:59

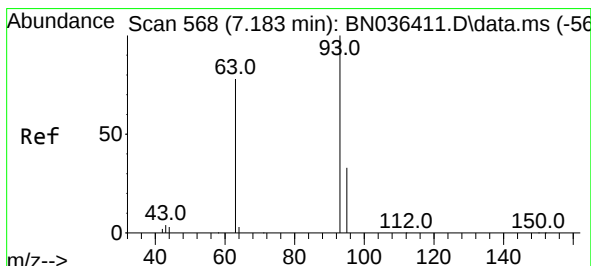
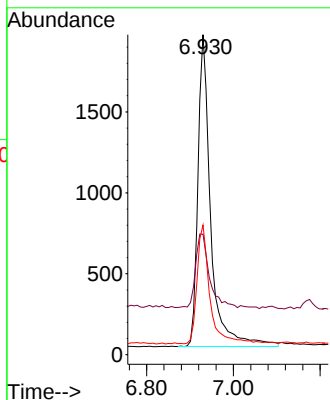
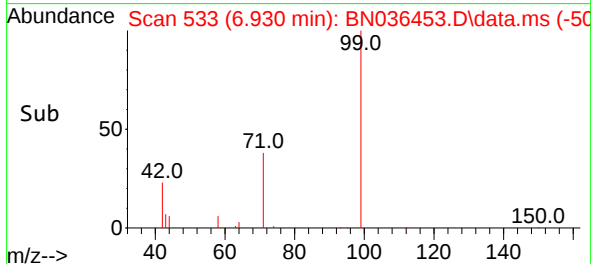
Instrument :
BNA_N
ClientSampleId :
PB166609BS



Tgt Ion: 99 Resp: 3940
Ion Ratio Lower Upper
99 100
42 25.4 21.7 32.5
71 38.1 32.6 49.0

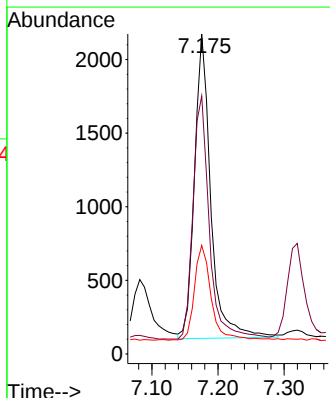
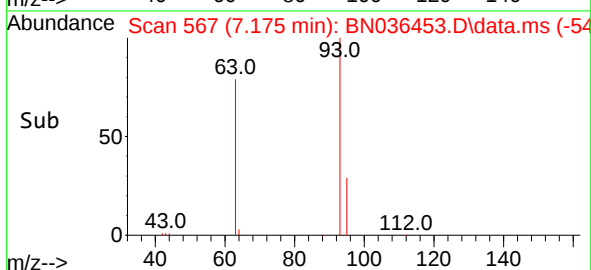
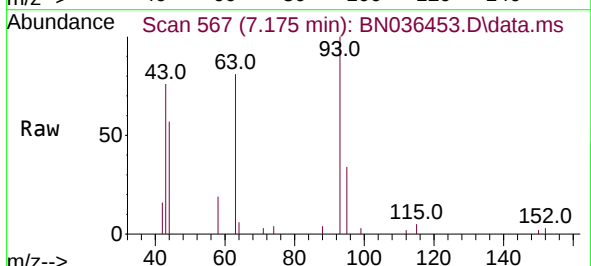
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#6
bis(2-Chloroethyl)ether
Concen: 0.407 ng
RT: 7.175 min Scan# 567
Delta R.T. -0.007 min
Lab File: BN036453.D
Acq: 12 Feb 2025 22:59

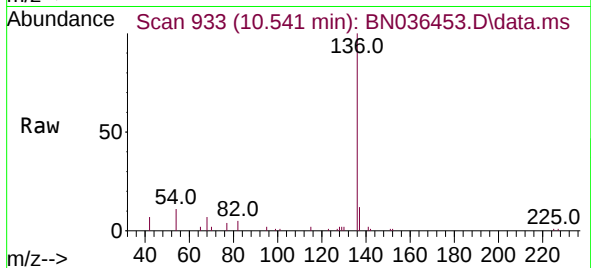
Tgt Ion: 93 Resp: 3554
Ion Ratio Lower Upper
93 100
63 80.5 66.3 99.5
95 32.0 26.2 39.4





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.541 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN036453.D
Acq: 12 Feb 2025 22:59

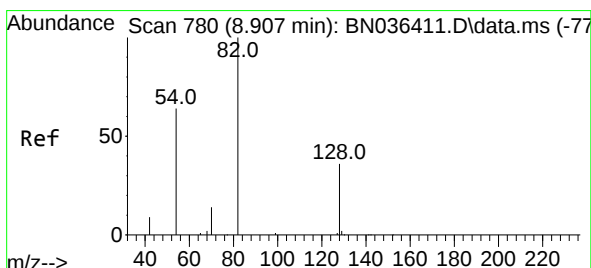
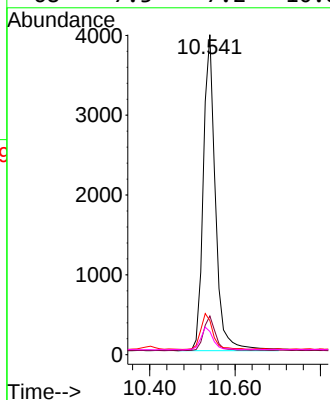
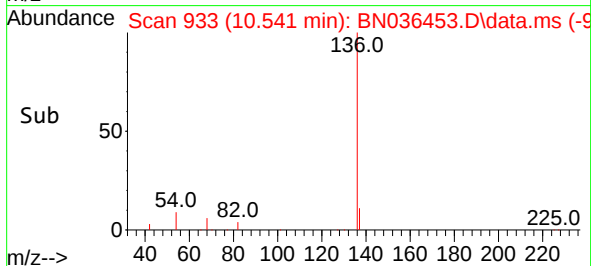
Instrument :
BNA_N
ClientSampleId :
PB166609BS



Tgt Ion:136 Resp: 7784
Ion Ratio Lower Upper
136 100
137 12.1 10.1 15.1
54 10.7 11.8 17.6
68 7.3 7.2 10.8

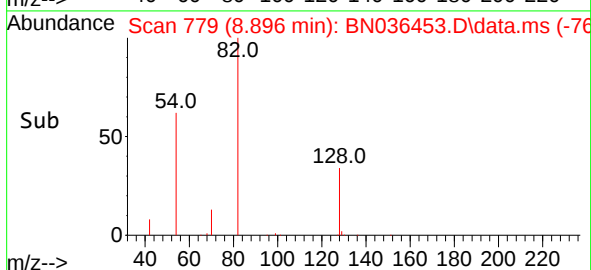
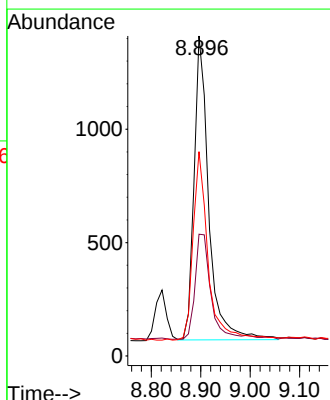
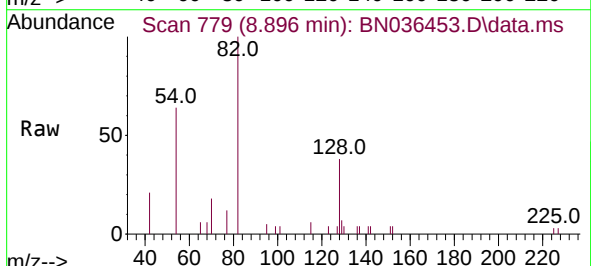
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#8
Nitrobenzene-d5
Concen: 0.361 ng
RT: 8.896 min Scan# 779
Delta R.T. -0.011 min
Lab File: BN036453.D
Acq: 12 Feb 2025 22:59

Tgt Ion: 82 Resp: 2772
Ion Ratio Lower Upper
82 100
128 38.1 31.9 47.9
54 63.9 53.1 79.7





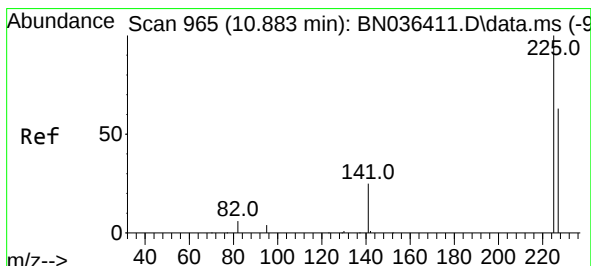
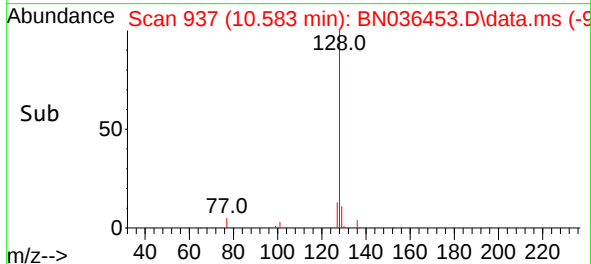
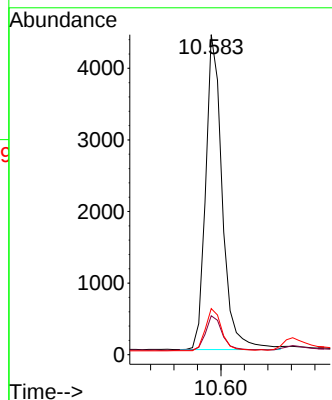
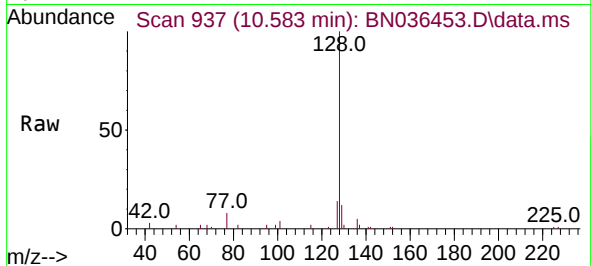
#9
Naphthalene
Concen: 0.387 ng
RT: 10.583 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN036453.D
Acq: 12 Feb 2025 22:59

Instrument :
BNA_N
ClientSampleId :
PB166609BS

Tgt Ion:128 Resp: 8690
Ion Ratio Lower Upper
128 100
129 12.2 9.6 14.4
127 14.4 12.0 18.0

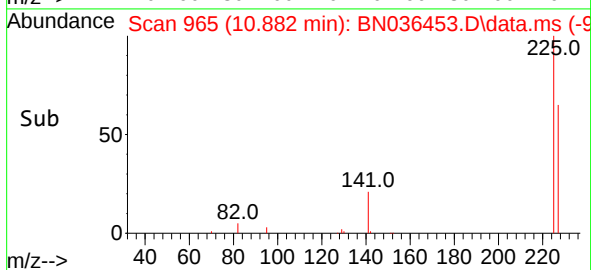
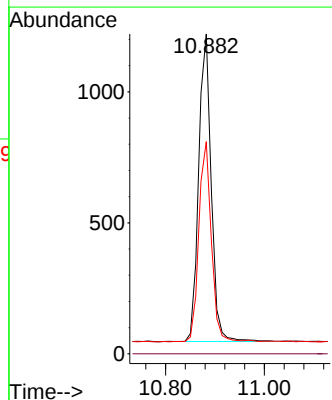
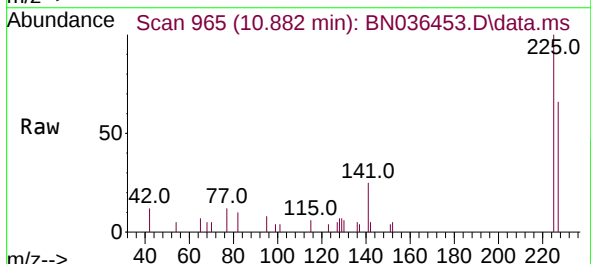
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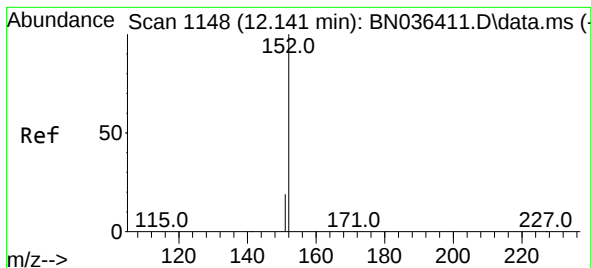
Reviewed By :Anahy Claudio 02/13/2025
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#10
Hexachlorobutadiene
Concen: 0.378 ng
RT: 10.882 min Scan# 965
Delta R.T. -0.000 min
Lab File: BN036453.D
Acq: 12 Feb 2025 22:59

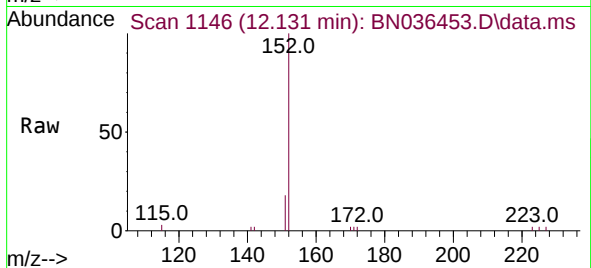
Tgt Ion:225 Resp: 2068
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 65.1 50.9 76.3





#11
2-Methylnaphthalene-d10
Concen: 0.443 ng m
RT: 12.131 min Scan# 1146
Delta R.T. -0.010 min
Lab File: BN036453.D
Acq: 12 Feb 2025 22:59

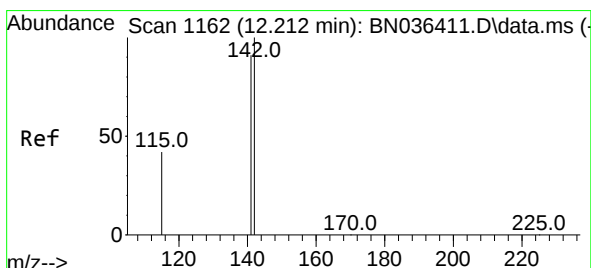
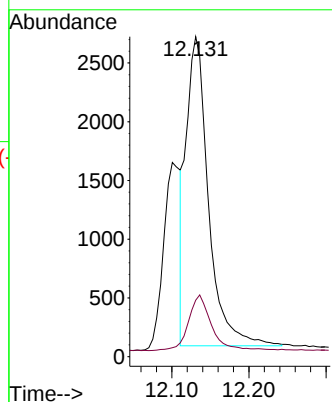
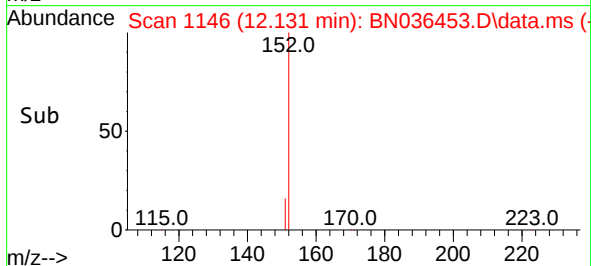
Instrument :
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Tgt Ion:152 Resp: 5300
Ion Ratio Lower Upper
152 100
151 18.7 16.6 25.0

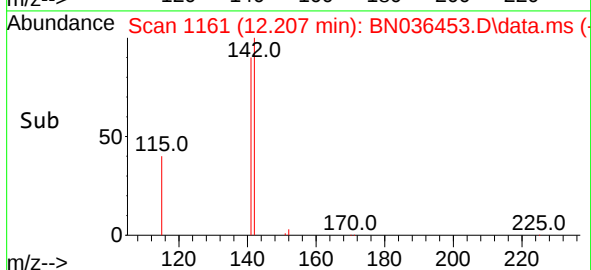
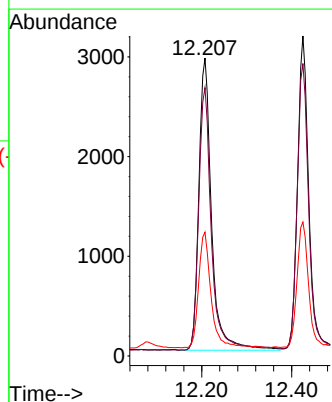
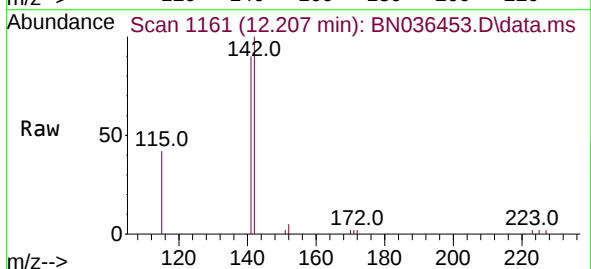
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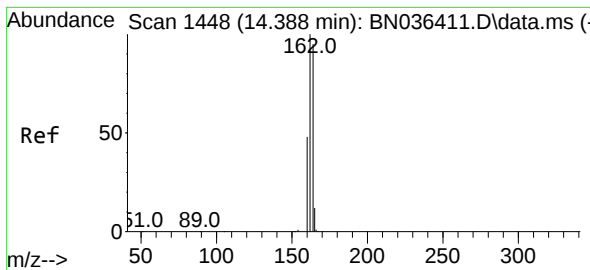
Reviewed By :Anahy Claudio 02/13/2025
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#12
2-Methylnaphthalene
Concen: 0.391 ng
RT: 12.207 min Scan# 1161
Delta R.T. -0.005 min
Lab File: BN036453.D
Acq: 12 Feb 2025 22:59

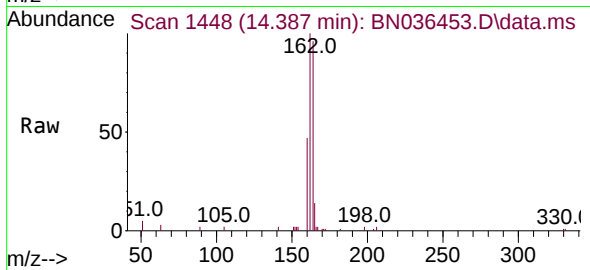
Tgt Ion:142 Resp: 5760
Ion Ratio Lower Upper
142 100
141 90.1 72.8 109.2
115 41.6 35.5 53.3





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.387 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BN036453.D
Acq: 12 Feb 2025 22:59

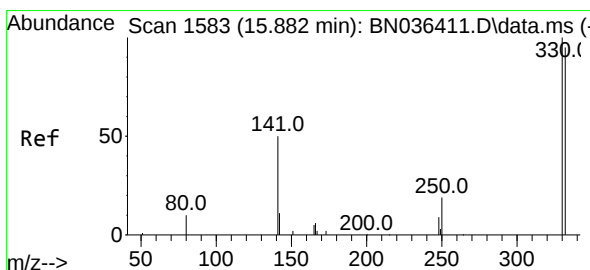
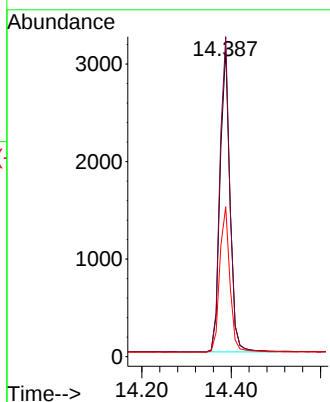
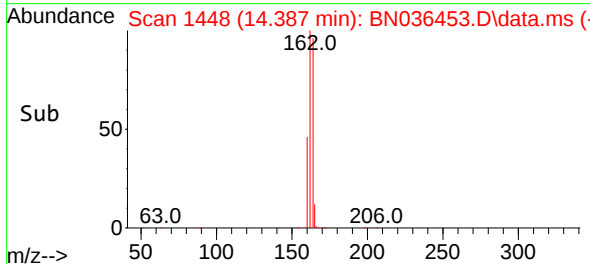
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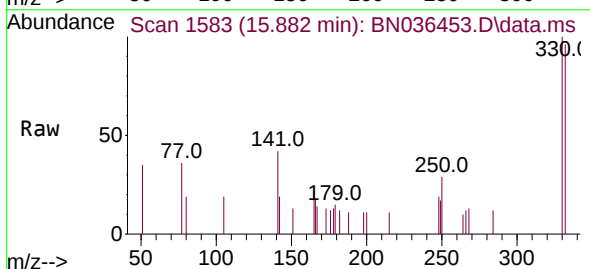
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Ion Ratio Lower Upper
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160 48.6 41.4 62.0

Manual Integrations
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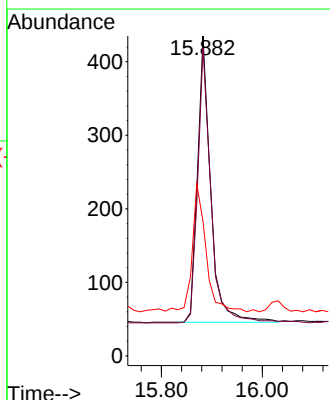
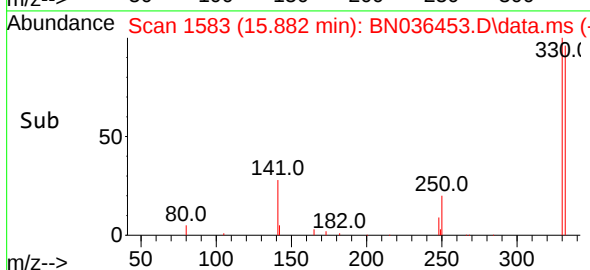
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#14
2,4,6-Tribromophenol
Concen: 0.297 ng
RT: 15.882 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BN036453.D
Acq: 12 Feb 2025 22:59



Tgt Ion:330 Resp: 708
Ion Ratio Lower Upper
330 100
332 96.2 76.6 114.8
141 46.2 37.8 56.8





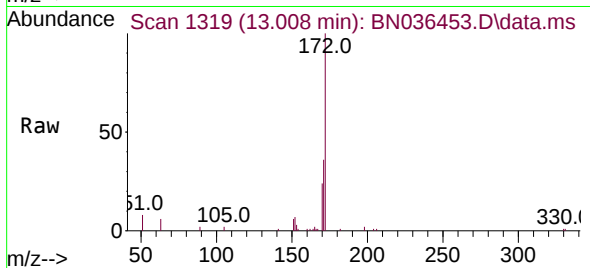
#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 13.008 min Scan# 1319
Delta R.T. -0.011 min
Lab File: BN036453.D
Acq: 12 Feb 2025 22:59

Instrument :

BNA_N

ClientSampleId :

PB166609BS

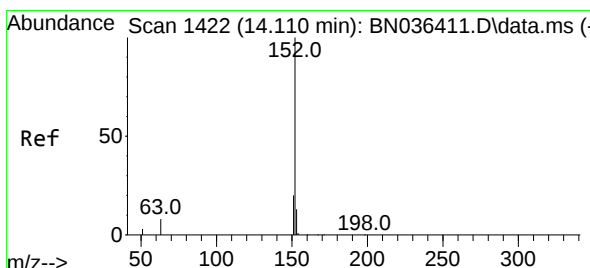
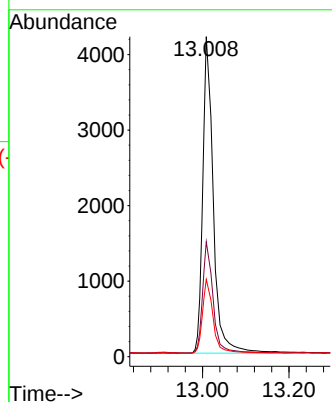
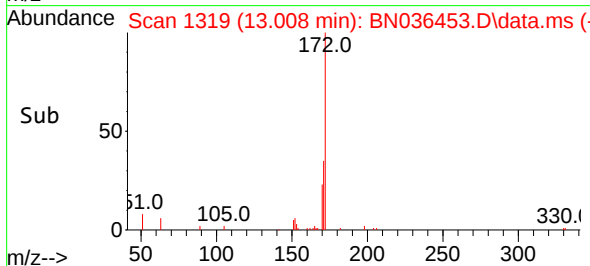


Tgt Ion:172 Resp: 756
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 24.1 19.8 29.6

Manual Integrations

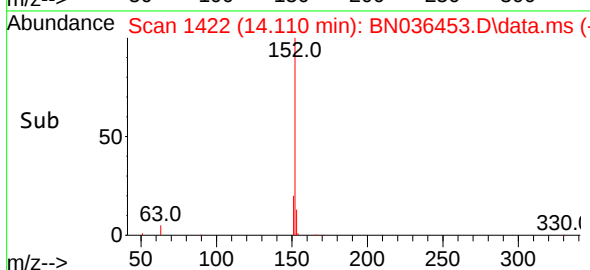
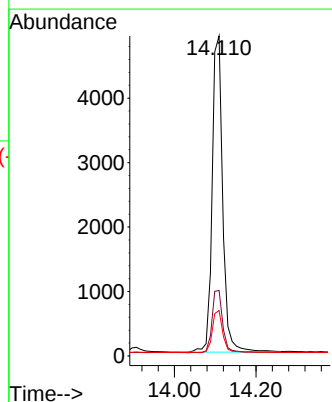
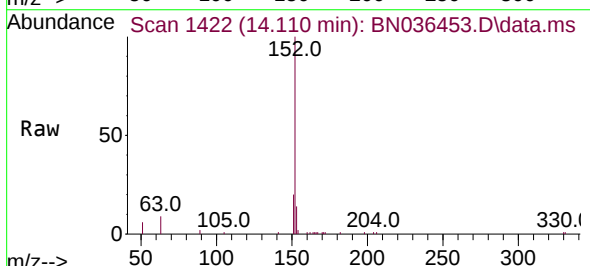
APPROVED

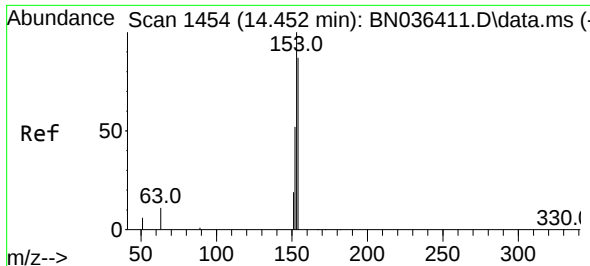
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#16
Acenaphthylene
Concen: 0.415 ng
RT: 14.110 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BN036453.D
Acq: 12 Feb 2025 22:59

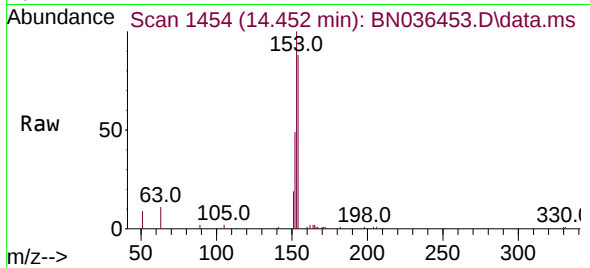
Tgt Ion:152 Resp: 8818
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.3 10.2 15.2





#17
Acenaphthene
Concen: 0.403 ng
RT: 14.452 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BN036453.D
Acq: 12 Feb 2025 22:59

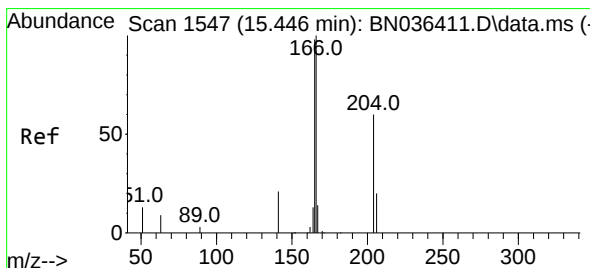
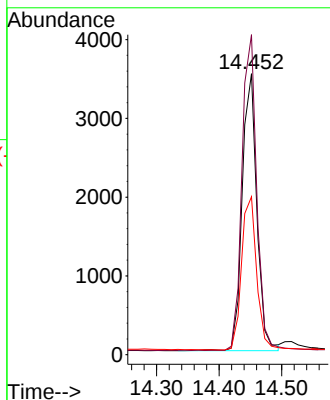
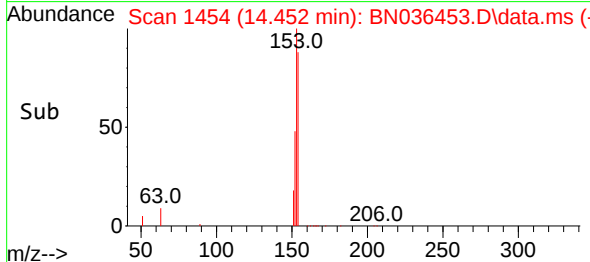
Instrument :
BNA_N
ClientSampleId :
PB166609BS



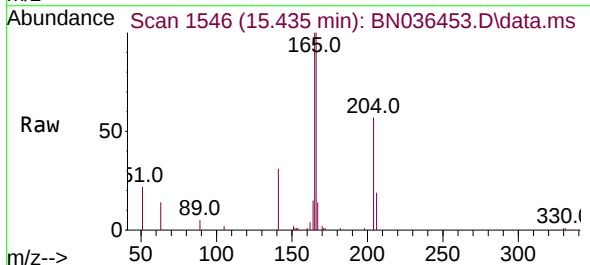
Tgt Ion:154 Resp: 572
Ion Ratio Lower Upper
154 100
153 115.8 93.3 139.9
152 58.0 48.8 73.2

Manual Integrations
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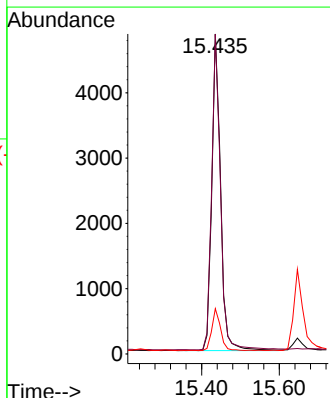
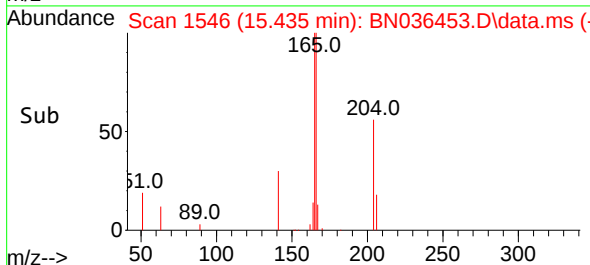
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025

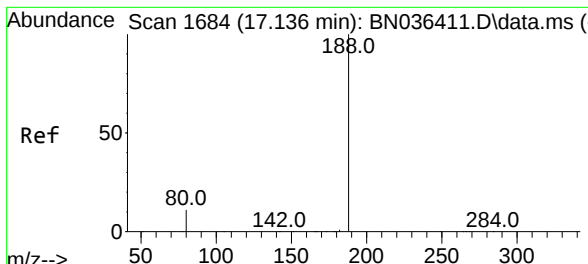


#18
Fluorene
Concen: 0.393 ng
RT: 15.435 min Scan# 1546
Delta R.T. -0.011 min
Lab File: BN036453.D
Acq: 12 Feb 2025 22:59



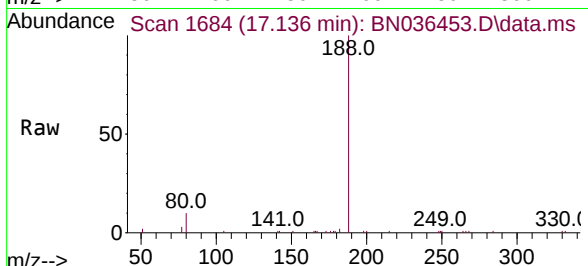
Tgt Ion:166 Resp: 7941
Ion Ratio Lower Upper
166 100
165 100.7 79.5 119.3
167 12.5 10.4 15.6





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.000 min
Lab File: BN036453.D
Acq: 12 Feb 2025 22:59

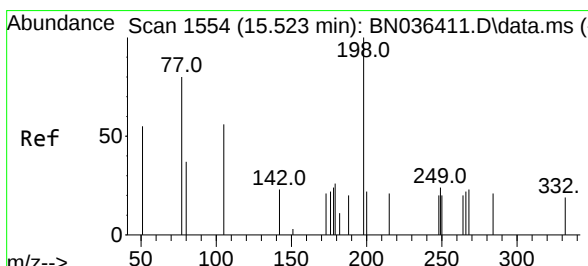
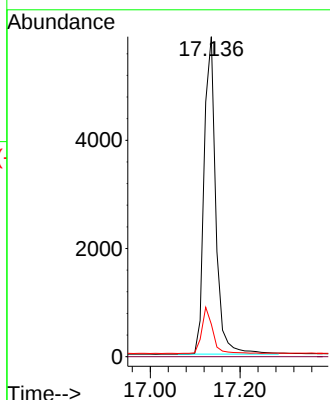
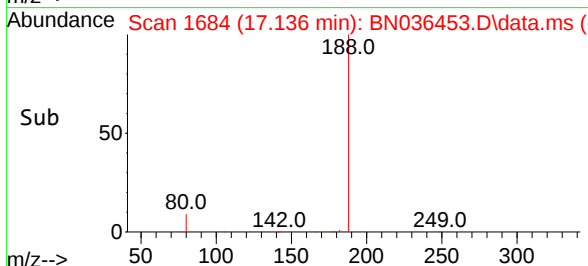
Instrument :
BNA_N
ClientSampleId :
PB166609BS



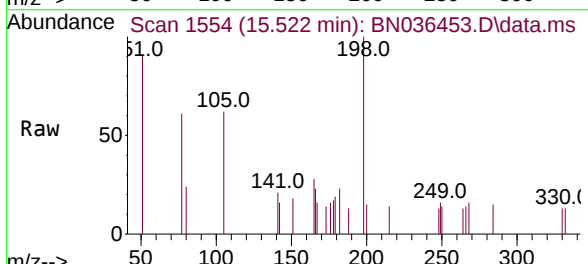
Tgt Ion:188 Resp: 1056
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 9.8 14.6

Manual Integrations
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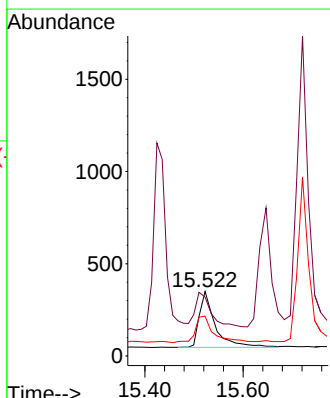
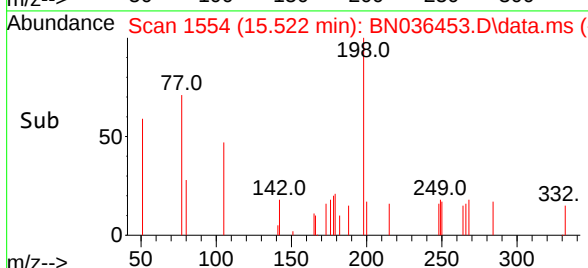
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025

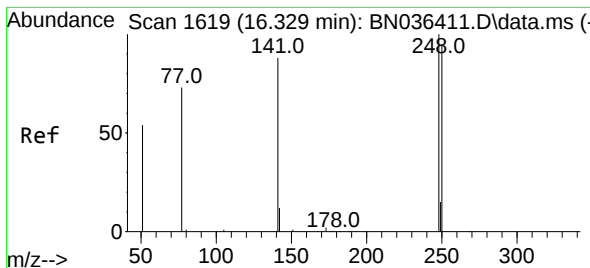


#20
4,6-Dinitro-2-methylphenol
Concen: 0.325 ng
RT: 15.522 min Scan# 1554
Delta R.T. -0.001 min
Lab File: BN036453.D
Acq: 12 Feb 2025 22:59



Tgt Ion:198 Resp: 674
Ion Ratio Lower Upper
198 100
51 91.1 86.6 129.8
105 61.7 57.5 86.3





#21
4-Bromophenyl-phenylether
Concen: 0.386 ng
RT: 16.329 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BN036453.D
Acq: 12 Feb 2025 22:59

Instrument :

BNA_N

ClientSampleId :

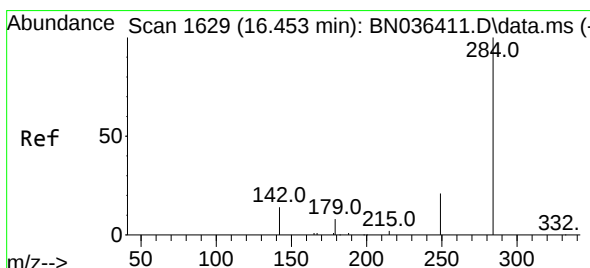
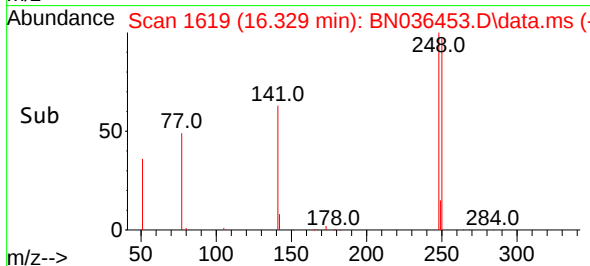
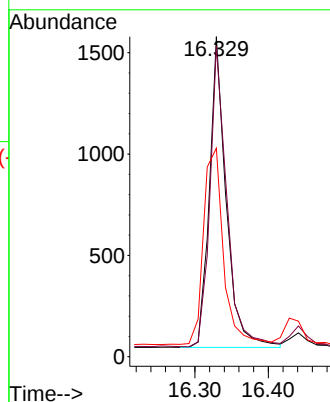
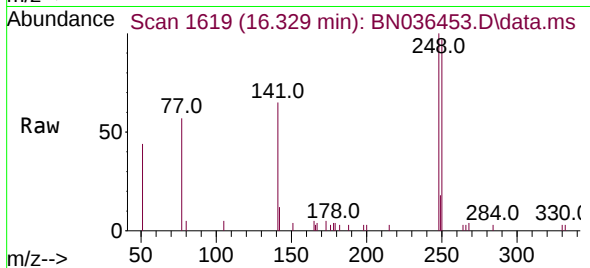
PB166609BS

Tgt Ion:248 Resp: 2434
Ion Ratio Lower Upper
248 100
250 97.0 76.1 114.1
141 65.2 71.7 107.5

Manual Integrations

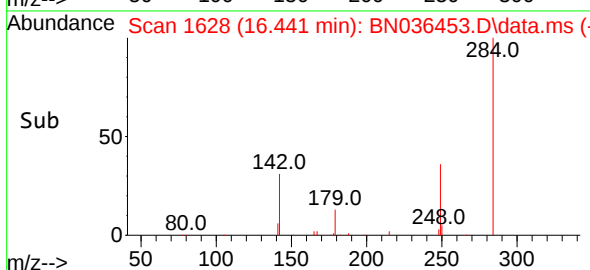
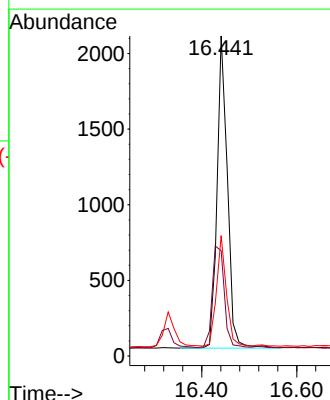
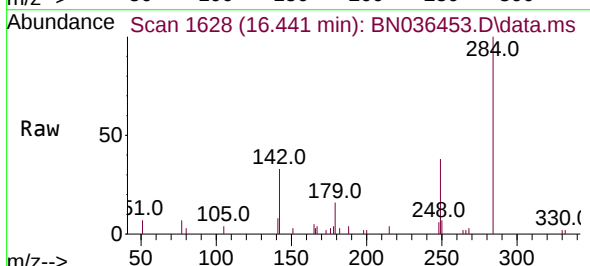
APPROVED

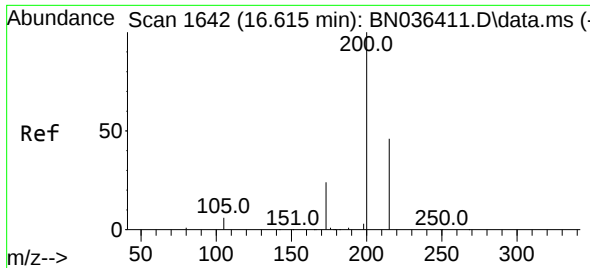
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#22
Hexachlorobenzene
Concen: 0.400 ng
RT: 16.441 min Scan# 1628
Delta R.T. -0.013 min
Lab File: BN036453.D
Acq: 12 Feb 2025 22:59

Tgt Ion:284 Resp: 3116
Ion Ratio Lower Upper
284 100
142 38.2 33.4 50.0
249 33.8 28.6 43.0





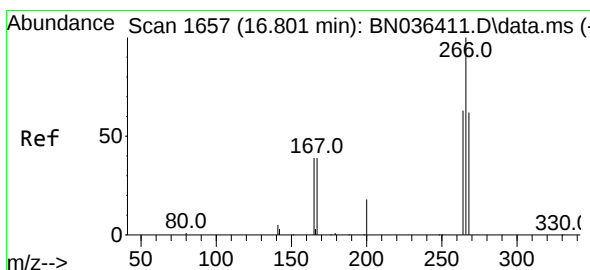
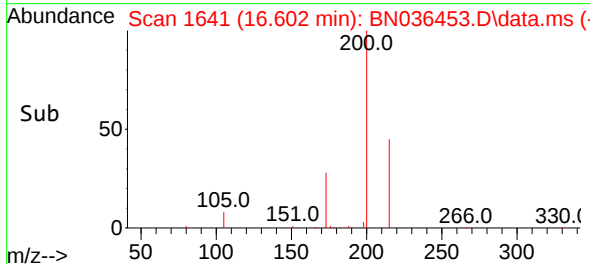
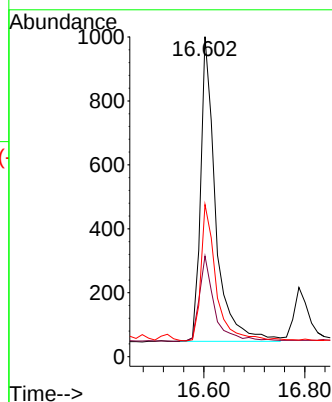
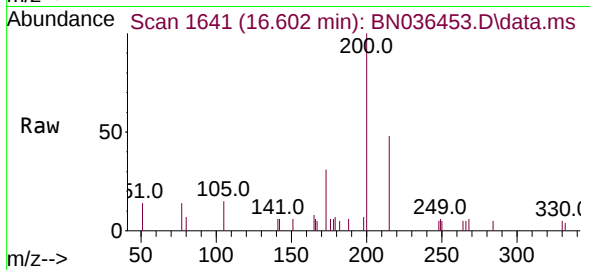
#23
Atrazine
Concen: 0.374 ng
RT: 16.602 min Scan# 1641
Delta R.T. -0.013 min
Lab File: BN036453.D
Acq: 12 Feb 2025 22:59

Instrument :
BNA_N
ClientSampleId :
PB166609BS

Tgt Ion:200 Resp: 1968
Ion Ratio Lower Upper
200 100
173 31.5 23.2 34.8
215 47.6 40.0 60.0

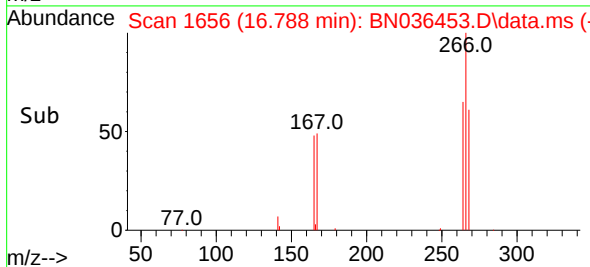
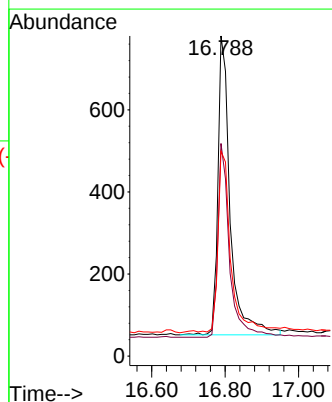
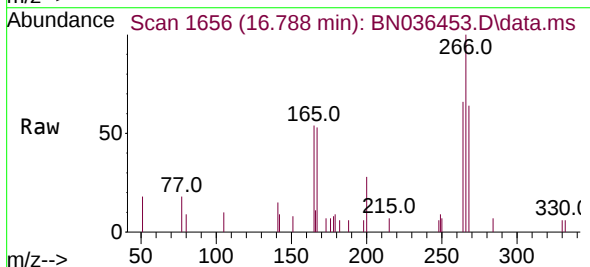
Manual Integrations
APPROVED

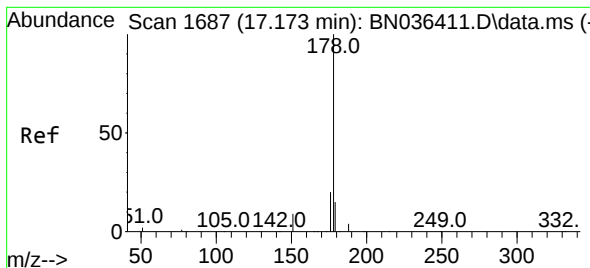
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#24
Pentachlorophenol
Concen: 0.456 ng
RT: 16.788 min Scan# 1656
Delta R.T. -0.013 min
Lab File: BN036453.D
Acq: 12 Feb 2025 22:59

Tgt Ion:266 Resp: 1685
Ion Ratio Lower Upper
266 100
264 61.7 50.6 76.0
268 63.2 51.9 77.9





#25

Phenanthrene

Concen: 0.395 ng

RT: 17.173 min Scan# 1687

Delta R.T. -0.000 min

Lab File: BN036453.D

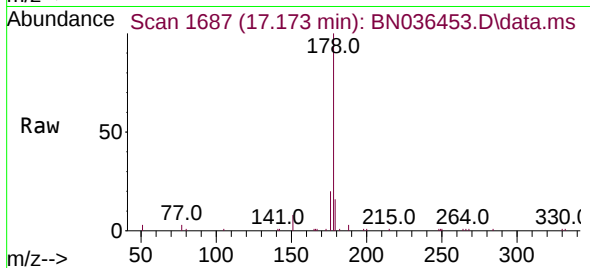
Acq: 12 Feb 2025 22:59

Instrument :

BNA_N

ClientSampleId :

PB166609BS



Tgt Ion:178 Resp: 1204

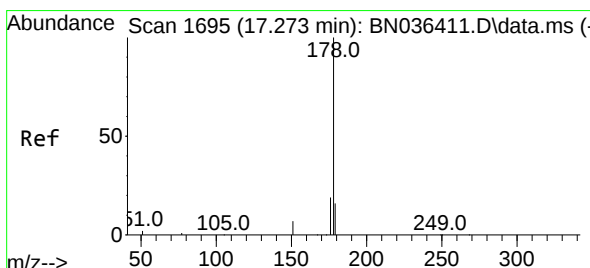
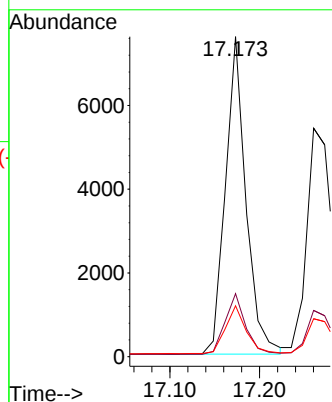
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	15.5	12.4	18.6

Manual Integrations

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Reviewed By :Anahy Claudio 02/13/2025

Supervised By :Jagrut Upadhyay 02/13/2025



#26

Anthracene

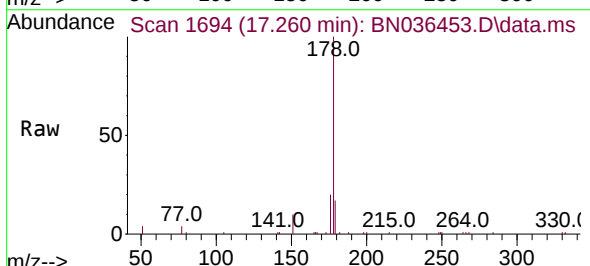
Concen: 0.421 ng

RT: 17.260 min Scan# 1694

Delta R.T. -0.013 min

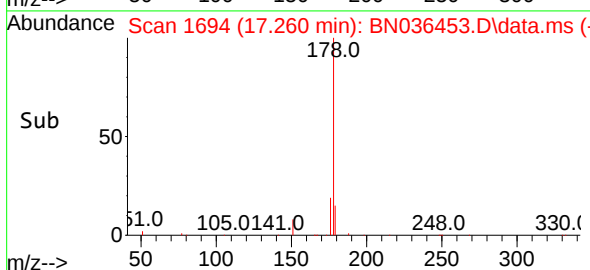
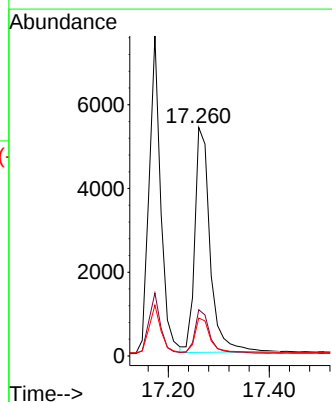
Lab File: BN036453.D

Acq: 12 Feb 2025 22:59



Tgt Ion:178 Resp: 11346

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.9	22.3
179	15.4	12.4	18.6





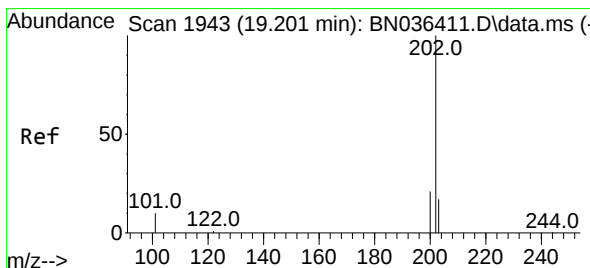
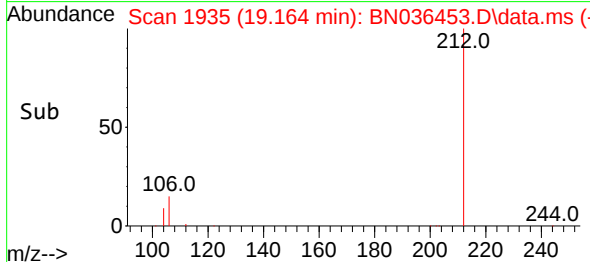
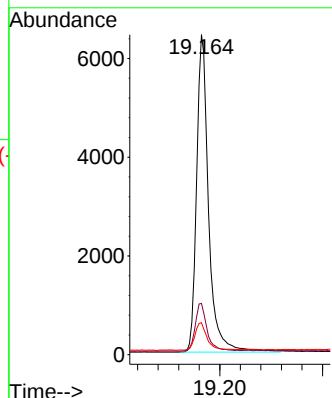
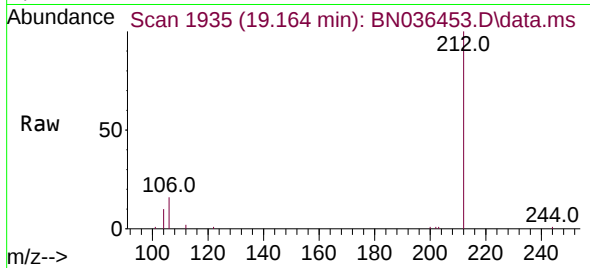
#27
Fluoranthene-d10
Concen: 0.357 ng
RT: 19.164 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BN036453.D
Acq: 12 Feb 2025 22:59

Instrument :
BNA_N
ClientSampleId :
PB166609BS

Tgt Ion:212 Resp: 10478
Ion Ratio Lower Upper
212 100
106 14.7 11.5 17.3
104 8.9 7.1 10.7

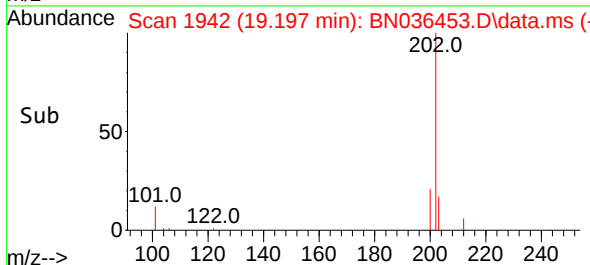
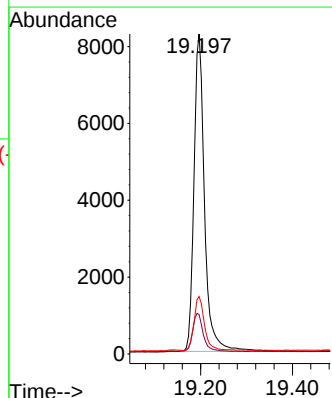
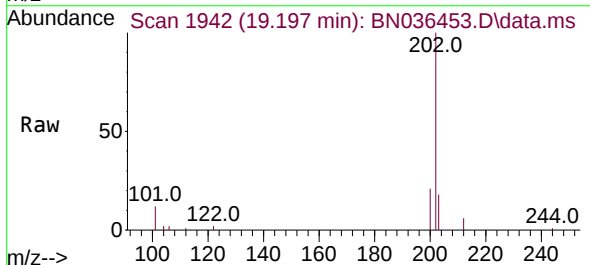
Manual Integrations
APPROVED

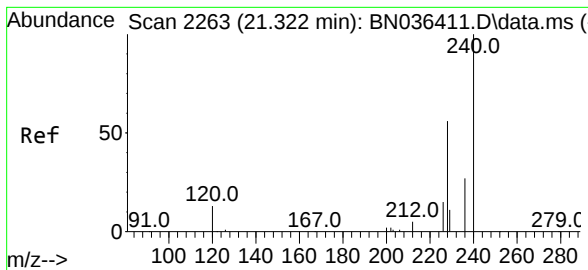
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#28
Fluoranthene
Concen: 0.353 ng
RT: 19.197 min Scan# 1942
Delta R.T. -0.005 min
Lab File: BN036453.D
Acq: 12 Feb 2025 22:59

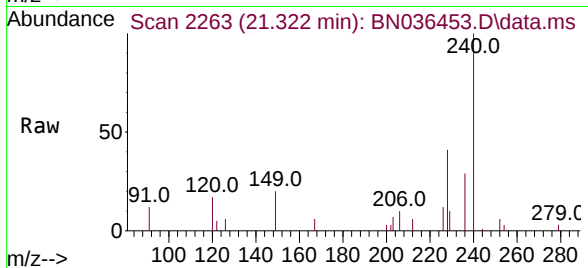
Tgt Ion:202 Resp: 13225
Ion Ratio Lower Upper
202 100
101 12.1 9.2 13.8
203 16.9 13.4 20.0





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.322 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN036453.D
Acq: 12 Feb 2025 22:59

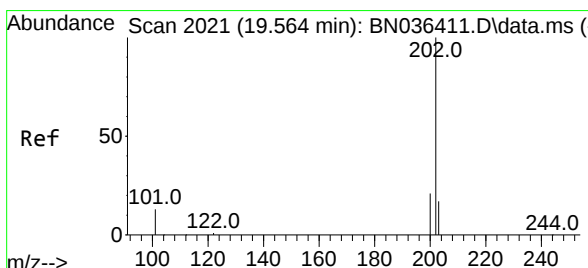
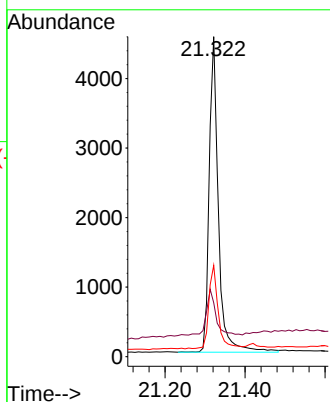
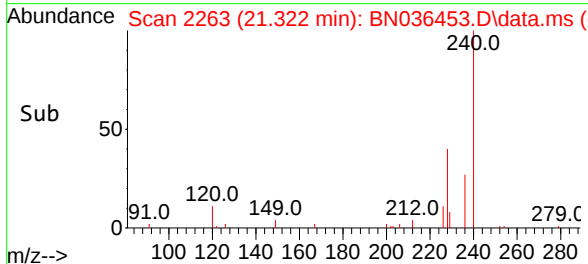
Instrument :
BNA_N
ClientSampleId :
PB166609BS



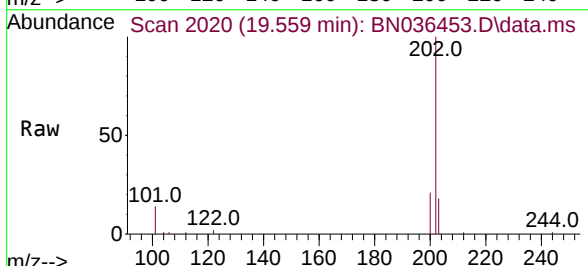
Tgt Ion:240 Resp: 7248
Ion Ratio Lower Upper
240 100
120 16.9 13.3 19.9
236 28.5 23.0 34.6

Manual Integrations
APPROVED

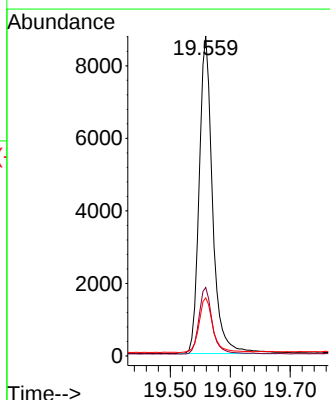
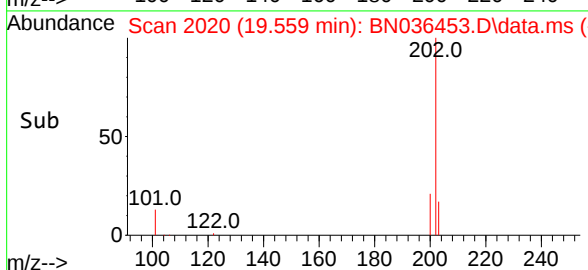
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025

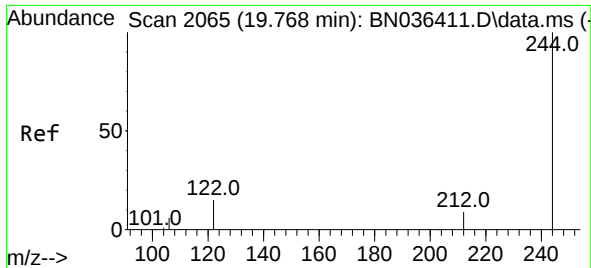


#30
Pyrene
Concen: 0.488 ng
RT: 19.559 min Scan# 2020
Delta R.T. -0.005 min
Lab File: BN036453.D
Acq: 12 Feb 2025 22:59



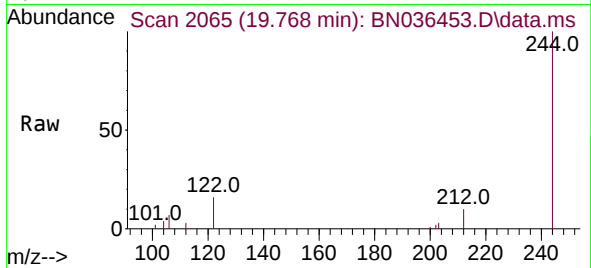
Tgt Ion:202 Resp: 13610
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.8 13.9 20.9





#31
 Terphenyl-d14
 Concen: 0.478 ng
 RT: 19.768 min Scan# 2065
 Delta R.T. -0.000 min
 Lab File: BN036453.D
 Acq: 12 Feb 2025 22:59

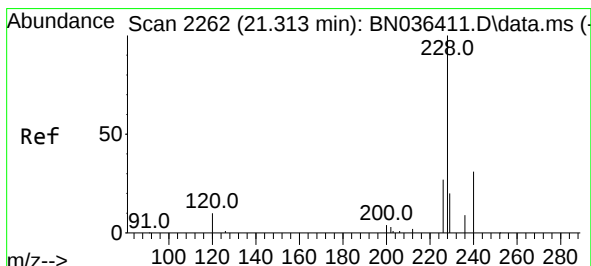
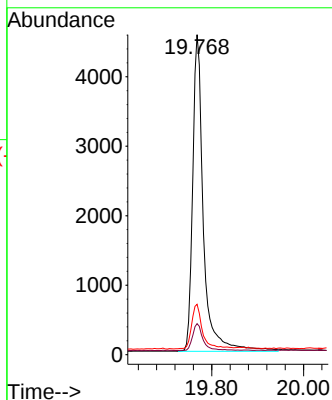
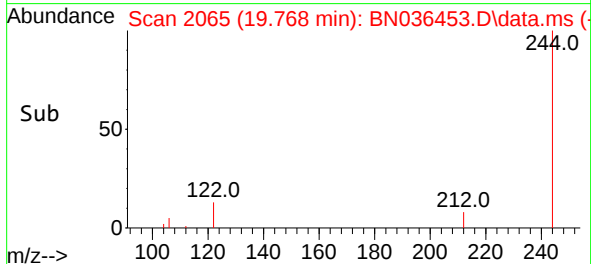
Instrument :
 BNA_N
 ClientSampleId :
 PB166609BS



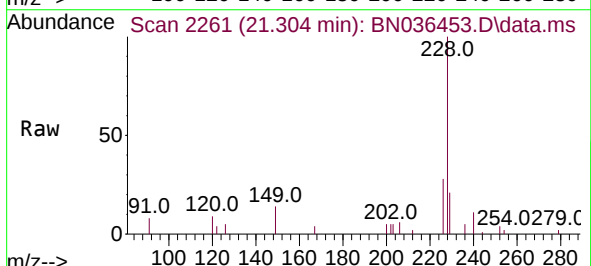
Tgt Ion:244 Resp: 7398
 Ion Ratio Lower Upper
 244 100
 212 9.7 8.1 12.1
 122 15.7 12.8 19.2

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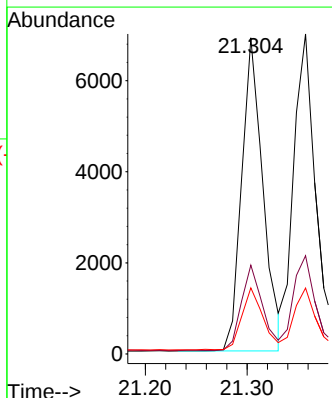
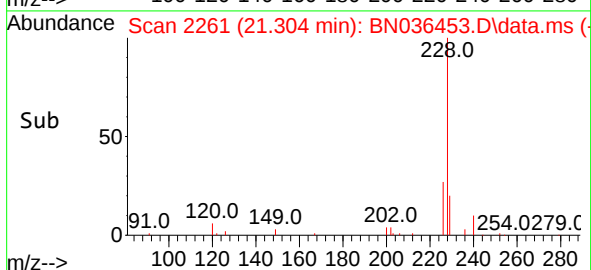
Reviewed By :Anahy Claudio 02/13/2025
 Supervised By :Jagrut Upadhyay 02/13/2025

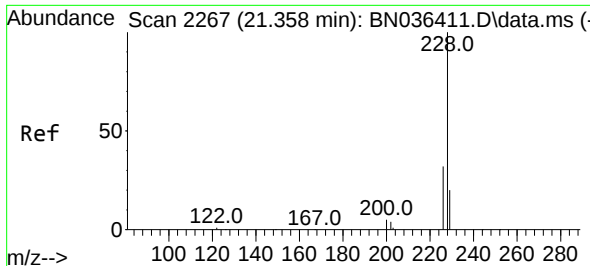


#32
 Benzo(a)anthracene
 Concen: 0.419 ng
 RT: 21.304 min Scan# 2261
 Delta R.T. -0.009 min
 Lab File: BN036453.D
 Acq: 12 Feb 2025 22:59



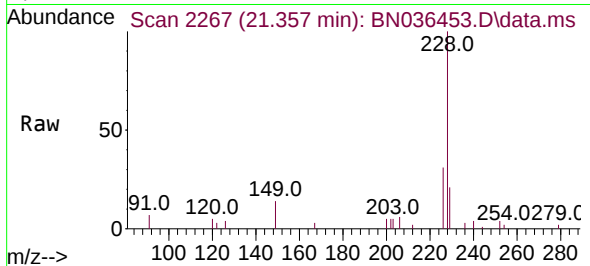
Tgt Ion:228 Resp: 9986
 Ion Ratio Lower Upper
 228 100
 226 28.1 22.2 33.2
 229 20.9 16.5 24.7





#33
Chrysene
Concen: 0.432 ng
RT: 21.357 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BN036453.D
Acq: 12 Feb 2025 22:59

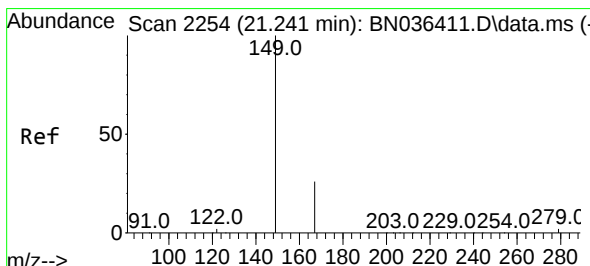
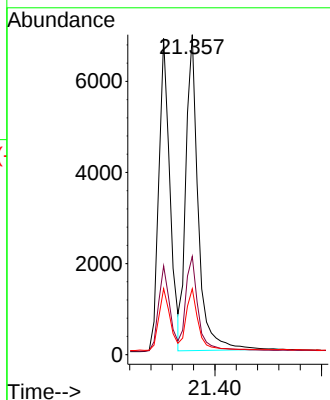
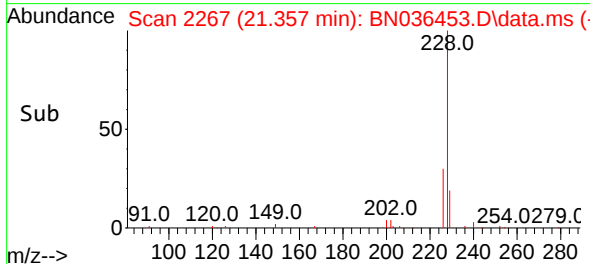
Instrument :
BNA_N
ClientSampleId :
PB166609BS



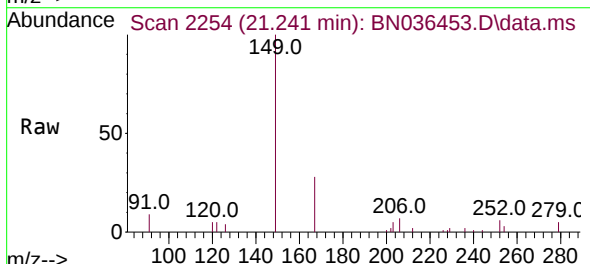
Tgt Ion:228 Resp: 1114
Ion Ratio Lower Upper
228 100
226 30.7 25.5 38.3
229 20.6 16.4 24.6

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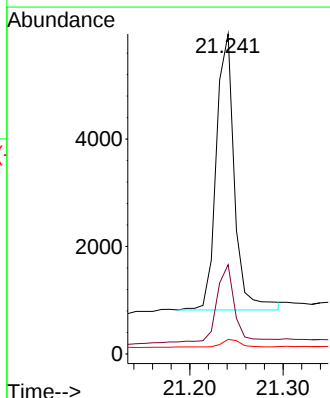
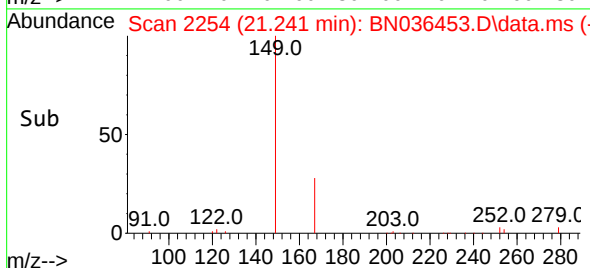
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.468 ng
RT: 21.241 min Scan# 2254
Delta R.T. -0.000 min
Lab File: BN036453.D
Acq: 12 Feb 2025 22:59



Tgt Ion:149 Resp: 6951
Ion Ratio Lower Upper
149 100
167 27.3 21.2 31.8
279 2.6 2.7 4.1#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.589 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN036453.D

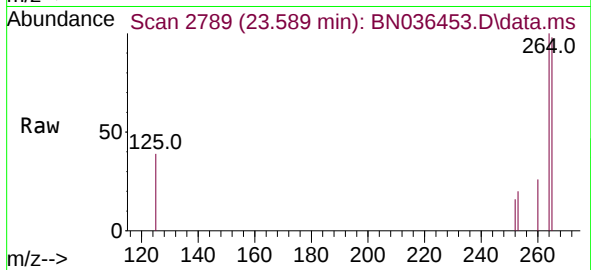
Acq: 12 Feb 2025 22:59

Instrument :

BNA_N

ClientSampleId :

PB166609BS



Tgt Ion:264 Resp: 6369

Ion Ratio Lower Upper

264 100

260 25.8 20.9 31.3

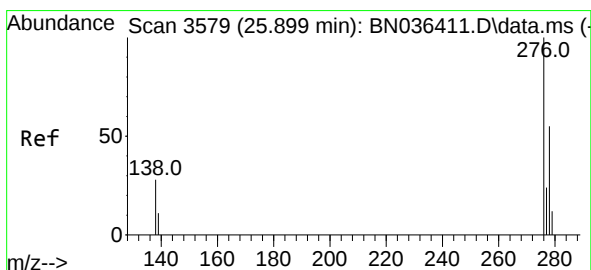
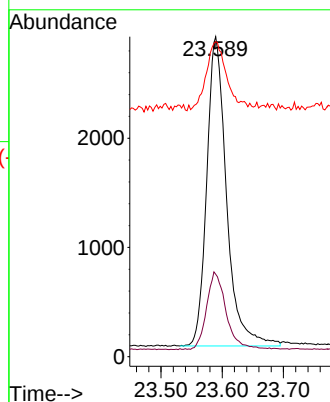
265 98.5 60.7 91.1

Manual Integrations

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Reviewed By :Anahy Claudio 02/13/2025

Supervised By :Jagrut Upadhyay 02/13/2025



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.407 ng

RT: 25.884 min Scan# 3574

Delta R.T. -0.015 min

Lab File: BN036453.D

Acq: 12 Feb 2025 22:59

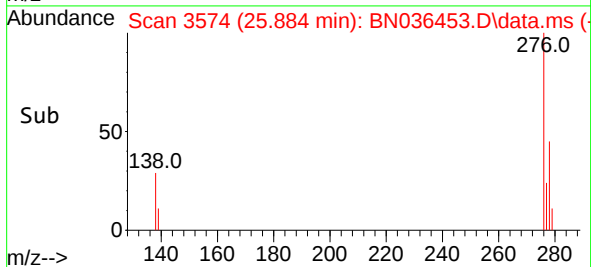
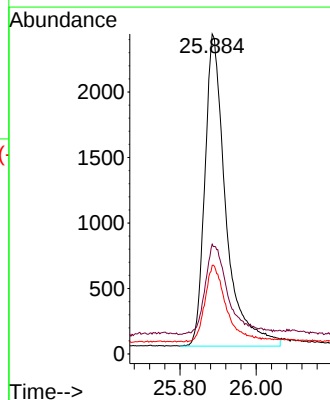
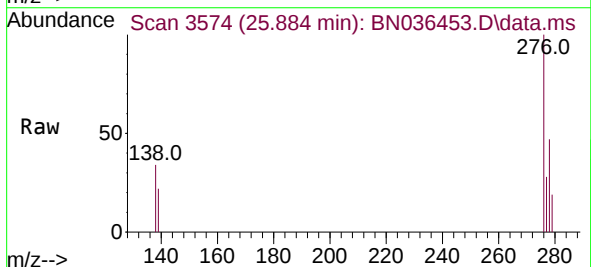
Tgt Ion:276 Resp: 9071

Ion Ratio Lower Upper

276 100

138 28.7 22.2 33.2

277 24.4 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.401 ng

RT: 22.905 min Scan# 2555

Delta R.T. -0.006 min

Lab File: BN036453.D

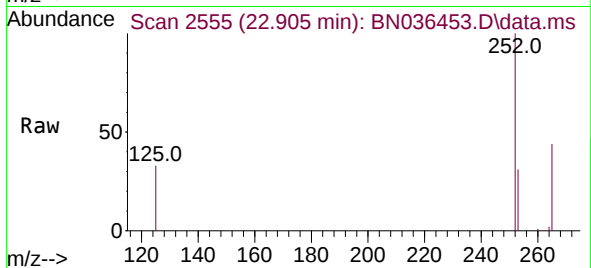
Acq: 12 Feb 2025 22:59

Instrument :

BN036453.D

ClientSampleId :

PB166609BS



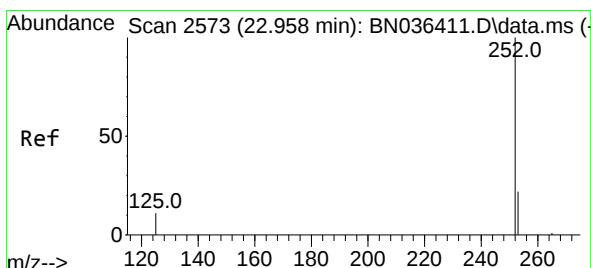
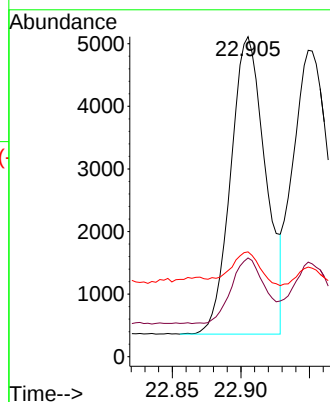
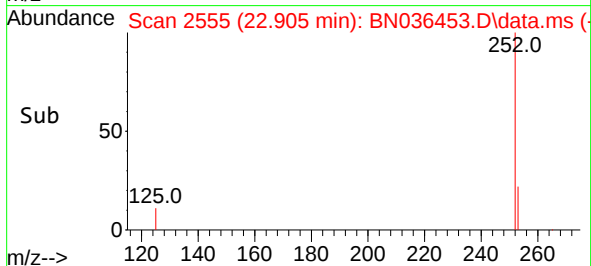
Tgt Ion:	252	Resp:	8409
Ion Ratio	Lower	Upper	
252	100		
253	30.9	21.9	32.9
125	32.8	15.0	22.6

Manual Integrations

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Reviewed By :Anahy Claudio 02/13/2025

Supervised By :Jagrut Upadhyay 02/13/2025



#38

Benzo(k)fluoranthene

Concen: 0.421 ng

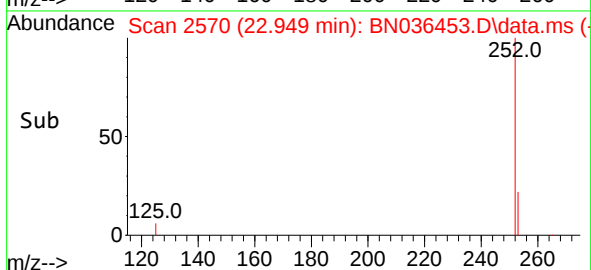
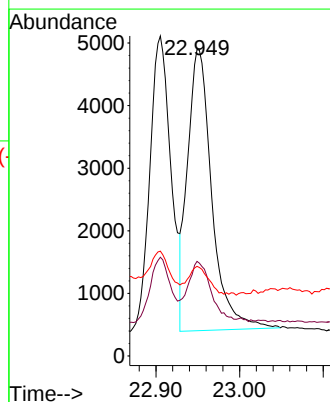
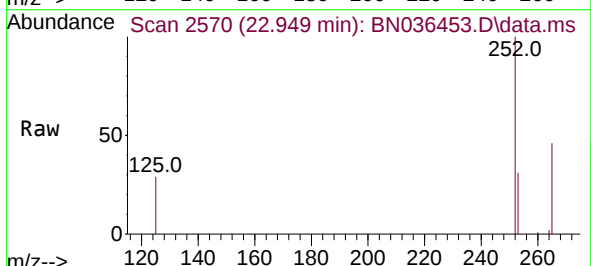
RT: 22.949 min Scan# 2570

Delta R.T. -0.009 min

Lab File: BN036453.D

Acq: 12 Feb 2025 22:59

Tgt Ion:	252	Resp:	9082
Ion Ratio	Lower	Upper	
252	100		
253	30.9	22.2	33.4
125	29.3	15.0	22.4





#39

Benzo(a)pyrene

Concen: 0.435 ng

RT: 23.490 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN036453.D

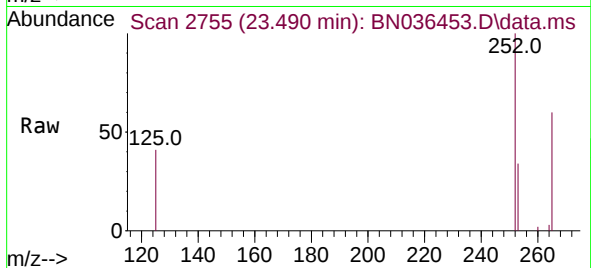
Acq: 12 Feb 2025 22:59

Instrument :

BNA_N

ClientSampleId :

PB166609BS



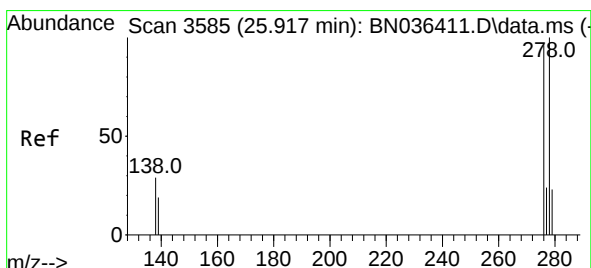
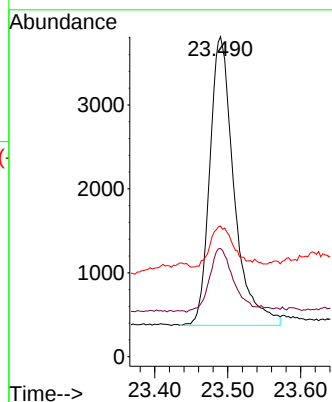
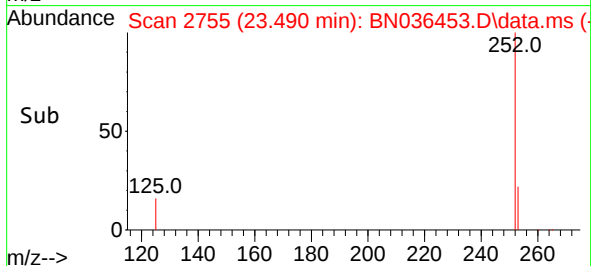
Tgt Ion:	252	Resp:	7964
Ion Ratio	Lower	Upper	
252	100		
253	33.8	24.4	36.6
125	40.9	18.2	27.2

Manual Integrations

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Reviewed By :Anahy Claudio 02/13/2025

Supervised By :Jagrut Upadhyay 02/13/2025



#40

Dibenzo(a,h)anthracene

Concen: 0.395 ng

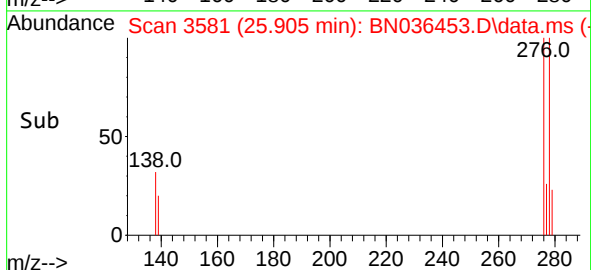
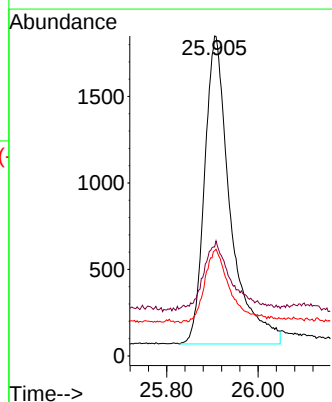
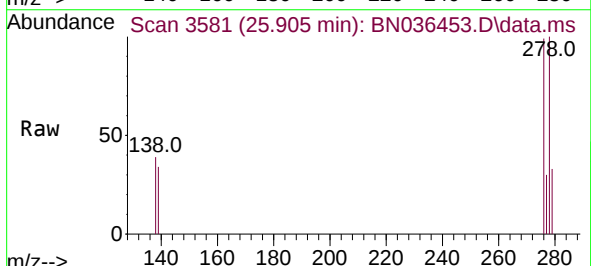
RT: 25.905 min Scan# 3581

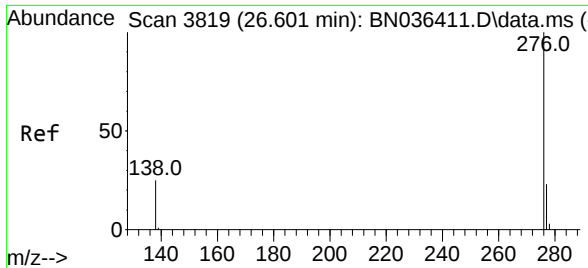
Delta R.T. -0.012 min

Lab File: BN036453.D

Acq: 12 Feb 2025 22:59

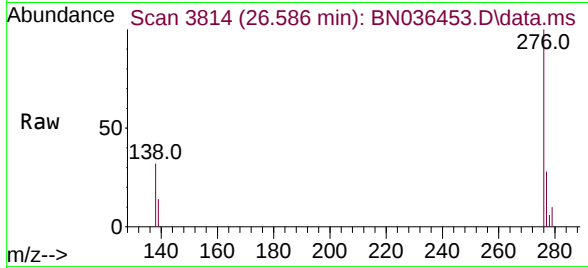
Tgt Ion:	278	Resp:	6945
Ion Ratio	Lower	Upper	
278	100		
139	34.1	18.5	27.7#
279	32.8	24.8	37.2





#41
Benzo(g,h,i)perylene
Concen: 0.357 ng
RT: 26.586 min Scan# 3814
Delta R.T. -0.015 min
Lab File: BN036453.D
Acq: 12 Feb 2025 22:59

Instrument :
BNA_N
ClientSampleId :
PB166609BS



Tgt Ion: 276 Resp: 711
Ion Ratio Lower Upper
276 100
277 27.5 20.7 31.1
138 31.9 21.8 32.6

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025

