

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031125\
 Data File : BN036588.D
 Acq On : 11 Mar 2025 19:09
 Operator : RC/JU
 Sample : PB167057BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167057BS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/12/2025
 Supervised By :Jagrut Upadhyay 03/12/2025

Quant Time: Mar 12 01:09:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2199	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	5061	0.400	ng	0.00
13) Acenaphthene-d10	14.366	164	2475	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	4176	0.400	ng	0.00
29) Chrysene-d12	21.304	240	2420	0.400	ng	0.00
35) Perylene-d12	23.557	264	2074	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	2148	0.419	ng	0.00
5) Phenol-d6	6.901	99	2472	0.390	ng	0.00
8) Nitrobenzene-d5	8.875	82	2108	0.383	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	3960	0.526	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	375	0.334	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	6472	0.450	ng	0.00
27) Fluoranthene-d10	19.141	212	4153	0.388	ng	0.00
31) Terphenyl-d14	19.750	244	2732	0.471	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	979	0.401	ng	# 29
3) n-Nitrosodimethylamine	3.550	42	2276	0.461	ng	# 96
6) bis(2-Chloroethyl)ether	7.147	93	2676	0.409	ng	99
9) Naphthalene	10.562	128	6313	0.424	ng	99
10) Hexachlorobutadiene	10.850	225	1584	0.452	ng	# 97
12) 2-Methylnaphthalene	12.177	142	3954	0.417	ng	99
16) Acenaphthylene	14.077	152	5361	0.459	ng	100
17) Acenaphthene	14.420	154	3280	0.429	ng	99
18) Fluorene	15.414	166	4237	0.410	ng	99
20) 4,6-Dinitro-2-methylph...	15.510	198	335	0.460	ng	# 78
21) 4-Bromophenyl-phenylether	16.304	248	1256	0.480	ng	92
22) Hexachlorobenzene	16.416	284	1619	0.513	ng	98
23) Atrazine	16.590	200	1046	0.499	ng	92
24) Pentachlorophenol	16.776	266	917	0.637	ng	99
25) Phenanthrene	17.148	178	6029	0.481	ng	99
26) Anthracene	17.248	178	5609	0.496	ng	99
28) Fluoranthene	19.174	202	6012	0.427	ng	98
30) Pyrene	19.536	202	6199	0.524	ng	99
32) Benzo(a)anthracene	21.286	228	3838	0.456	ng	99
33) Chrysene	21.331	228	4624	0.503	ng	98
34) Bis(2-ethylhexyl)phtha...	21.214	149	2665	0.445	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.841	276	4164	0.556	ng	94
37) Benzo(b)fluoranthene	22.876	252	3355	0.445	ng	94
38) Benzo(k)fluoranthene	22.923	252	4137m	0.522	ng	
39) Benzo(a)pyrene	23.458	252	3242	0.510	ng	98
40) Dibenzo(a,h)anthracene	25.861	278	3176	0.545	ng	95
41) Benzo(g,h,i)perylene	26.531	276	3258	0.489	ng	98

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

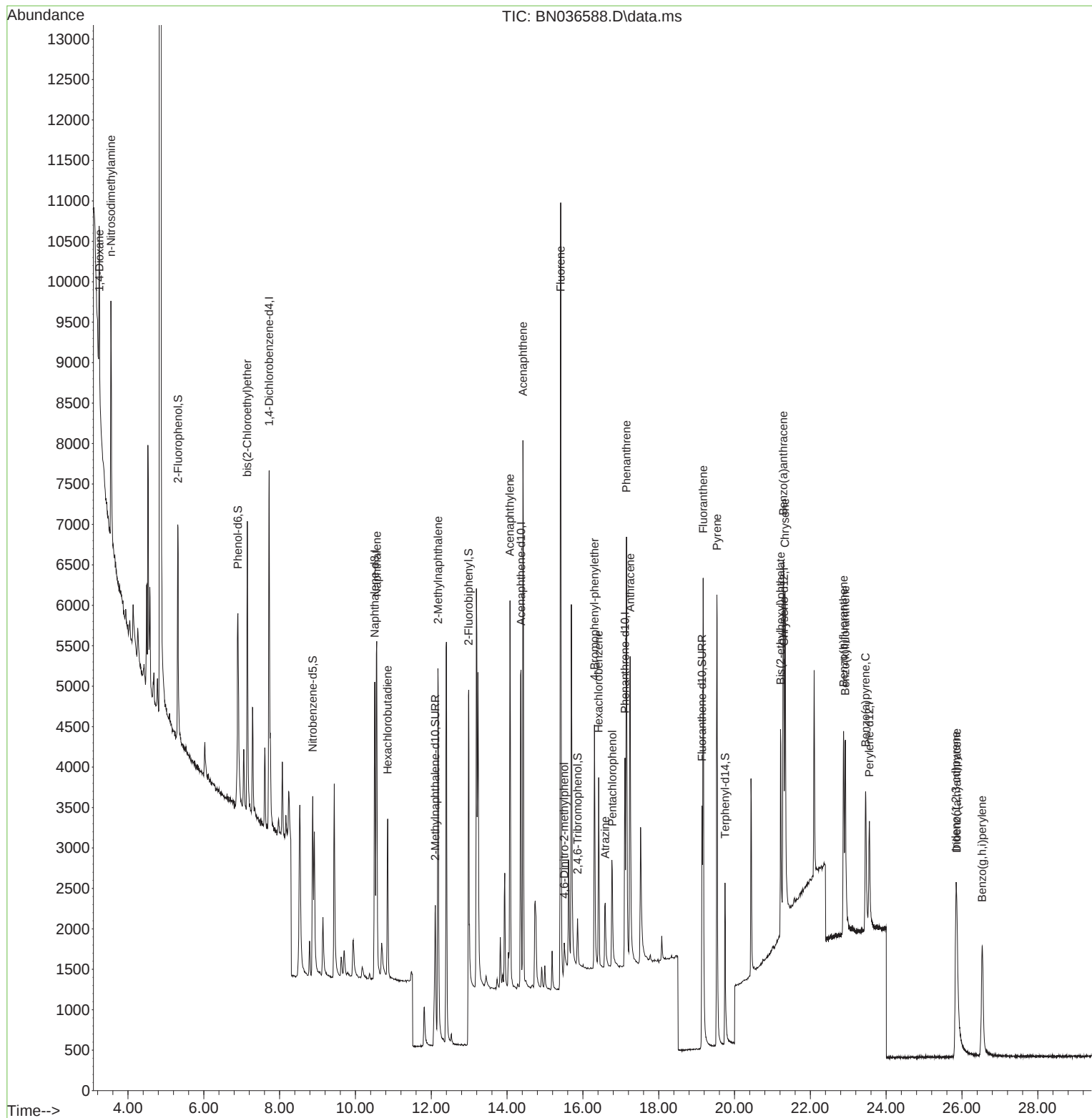
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031125\
Data File : BN036588.D
Acq On : 11 Mar 2025 19:09
Operator : RC/JU
Sample : PB167057BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

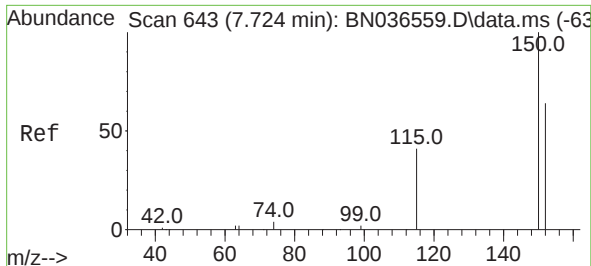
Instrument :
BNA_N
ClientSampleId :
PB167057BS

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

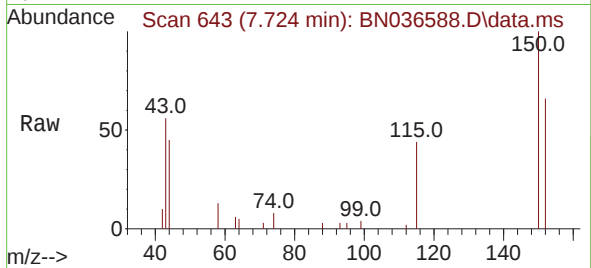
Quant Time: Mar 12 01:09:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036588.D
 Acq: 11 Mar 2025 19:09

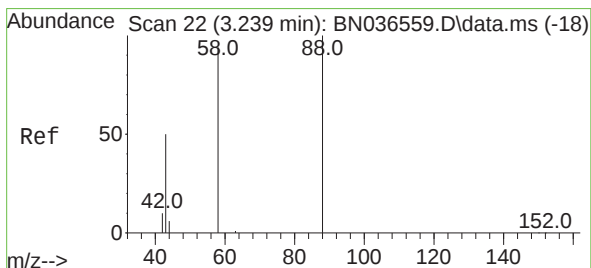
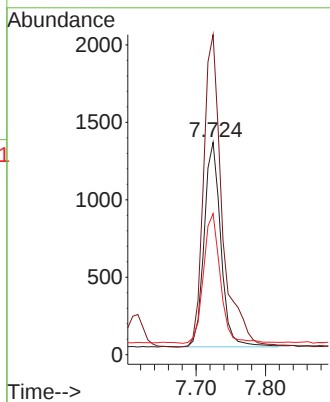
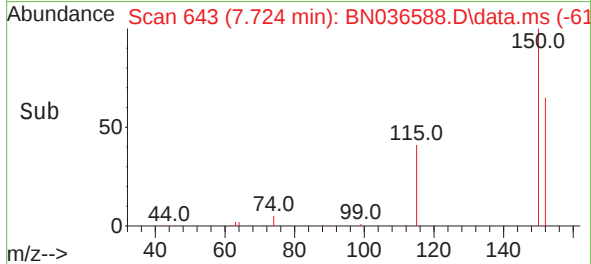
Instrument :
 BNA_N
 ClientSampleId :
 PB167057BS



Tgt Ion: 152 Resp: 2199
 Ion Ratio Lower Upper
 152 100
 150 150.7 123.7 185.5
 115 66.4 54.3 81.5

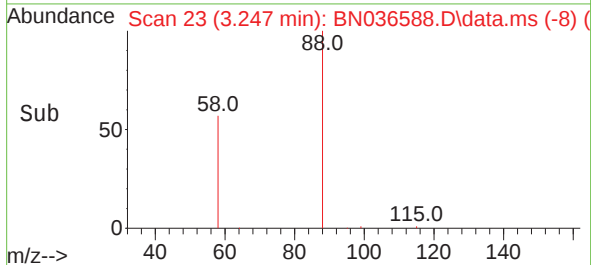
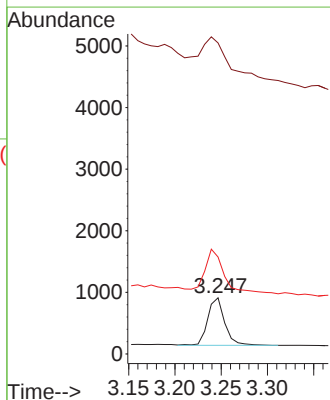
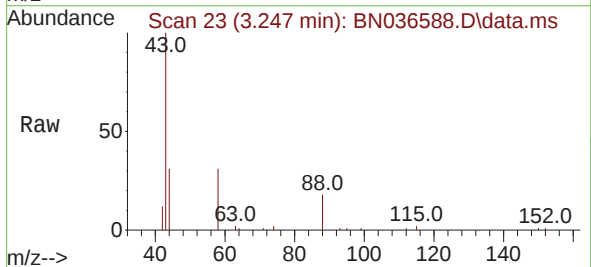
Manual Integrations
 APPROVED

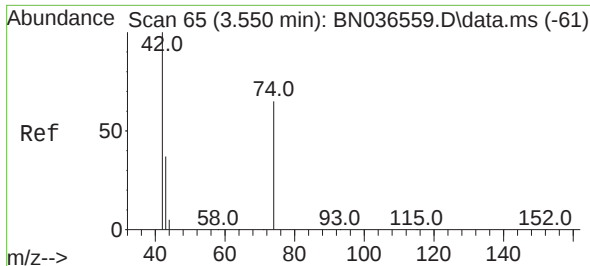
Reviewed By :Anahy Claudio 03/12/2025
 Supervised By :Jagrut Upadhyay 03/12/2025



#2
 1,4-Dioxane
 Concen: 0.401 ng
 RT: 3.247 min Scan# 23
 Delta R.T. 0.008 min
 Lab File: BN036588.D
 Acq: 11 Mar 2025 19:09

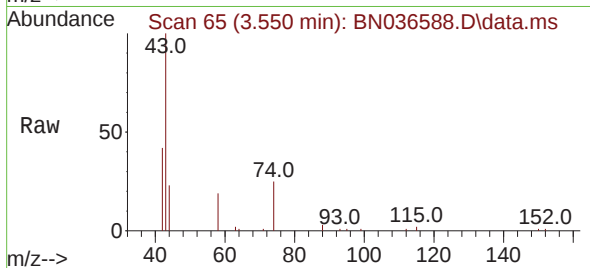
Tgt Ion: 88 Resp: 979
 Ion Ratio Lower Upper
 88 100
 43 149.4 37.8 56.8#
 58 107.3 67.4 101.2#





#3
n-Nitrosodimethylamine
Concen: 0.461 ng
RT: 3.550 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN036588.D
Acq: 11 Mar 2025 19:09

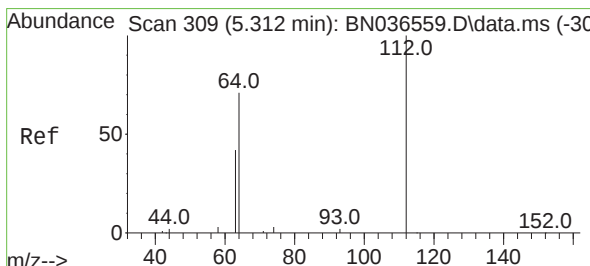
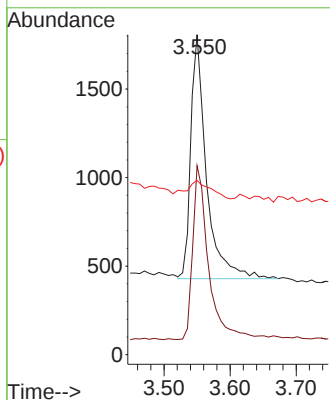
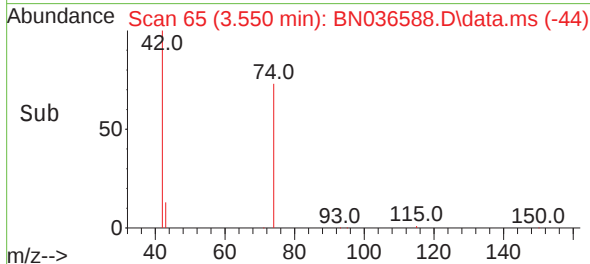
Instrument :
BNA_N
ClientSampleId :
PB167057BS



Tgt Ion: 42 Resp: 2270
Ion Ratio Lower Upper
42 100
74 72.7 60.6 90.8
44 9.7 6.3 9.5

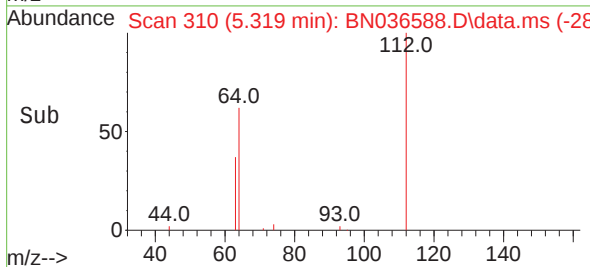
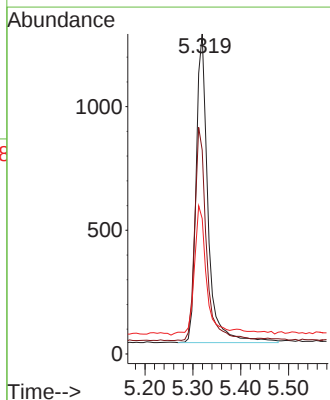
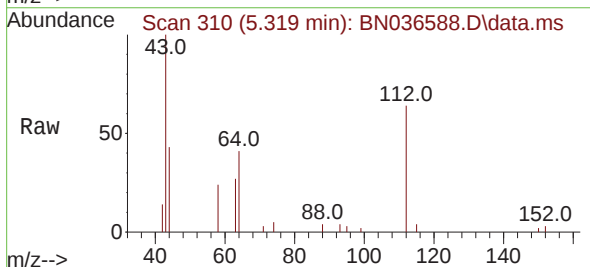
Manual Integrations
APPROVED

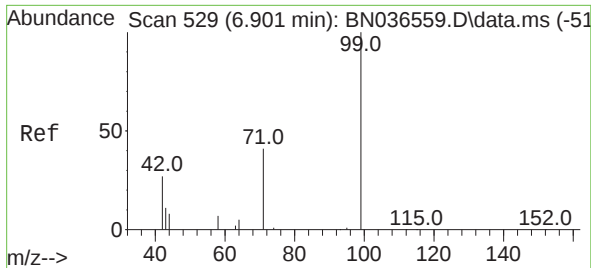
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#4
2-Fluorophenol
Concen: 0.419 ng
RT: 5.319 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN036588.D
Acq: 11 Mar 2025 19:09

Tgt Ion:112 Resp: 2148
Ion Ratio Lower Upper
112 100
64 68.3 53.1 79.7
63 42.4 31.8 47.8





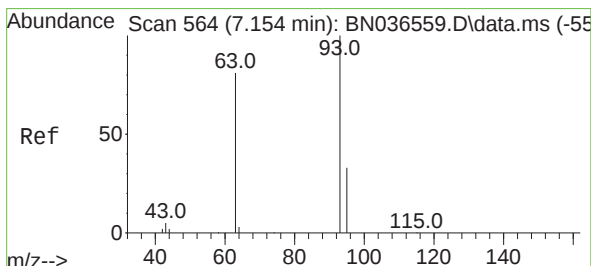
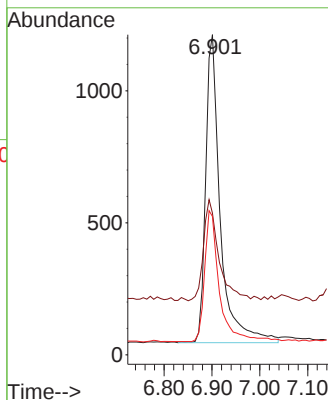
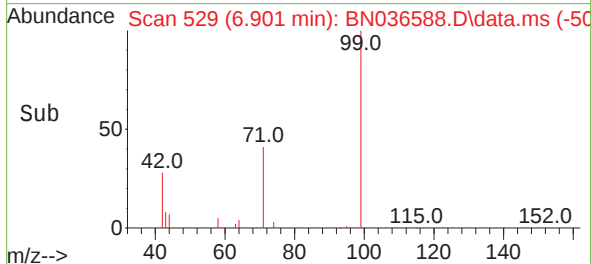
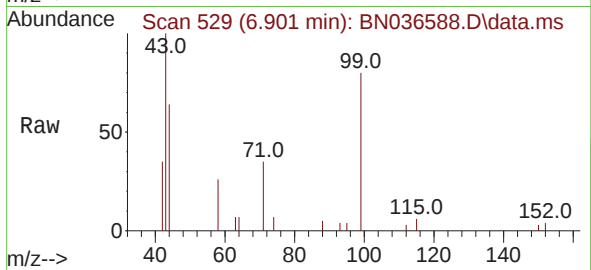
#5
Phenol-d6
Concen: 0.390 ng
RT: 6.901 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN036588.D
Acq: 11 Mar 2025 19:09

Instrument :
BNA_N
ClientSampleId :
PB167057BS

Tgt Ion: 99 Resp: 2472
Ion Ratio Lower Upper
99 100
42 35.1 26.5 39.7
71 43.5 34.1 51.1

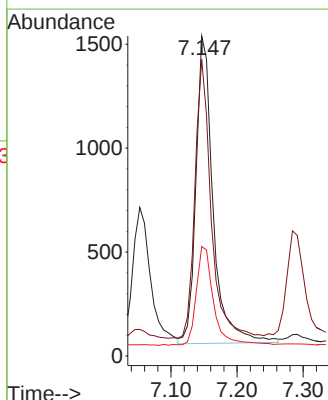
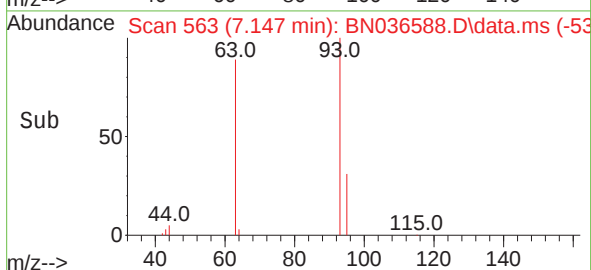
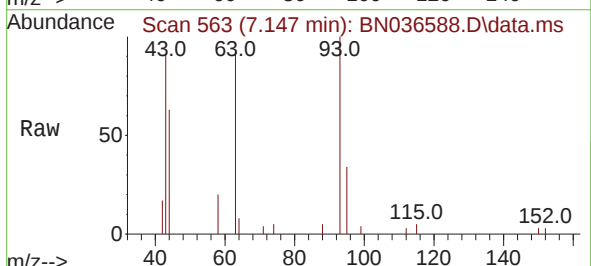
Manual Integrations
APPROVED

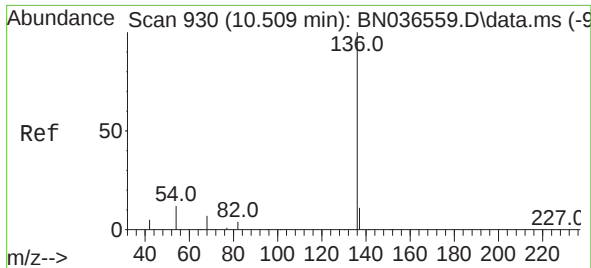
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#6
bis(2-Chloroethyl)ether
Concen: 0.409 ng
RT: 7.147 min Scan# 563
Delta R.T. -0.007 min
Lab File: BN036588.D
Acq: 11 Mar 2025 19:09

Tgt Ion: 93 Resp: 2676
Ion Ratio Lower Upper
93 100
63 85.4 67.7 101.5
95 32.9 25.6 38.4





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN036588.D
Acq: 11 Mar 2025 19:09

Instrument :

BNA_N

ClientSampleId :

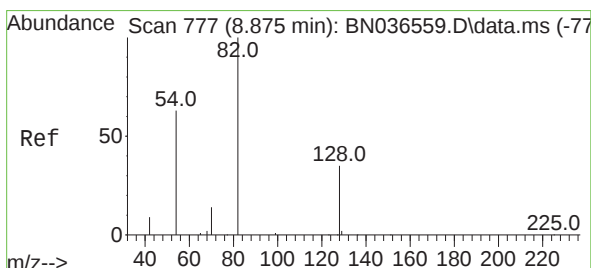
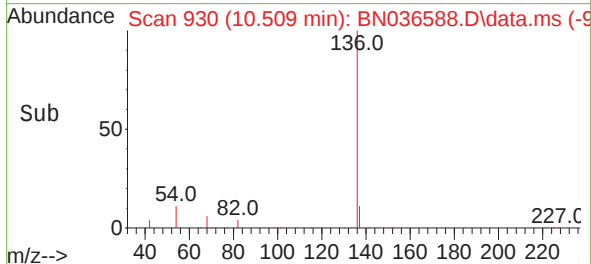
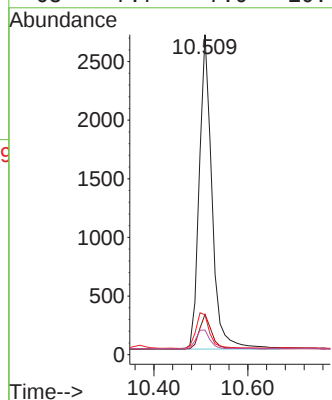
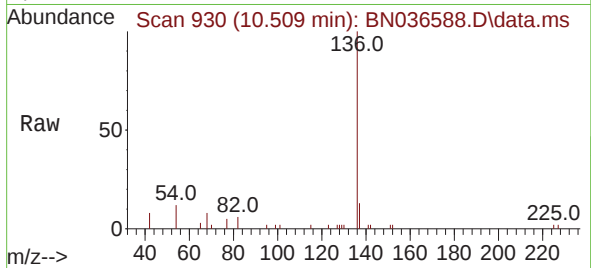
PB167057BS

Tgt Ion:136 Resp: 506
Ion Ratio Lower Upper
136 100
137 12.6 10.3 15.5
54 12.5 11.5 17.3
68 7.7 7.0 10.4

Manual Integrations

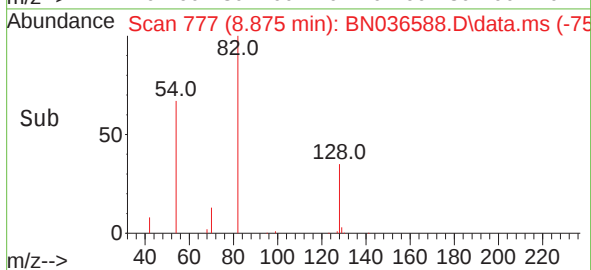
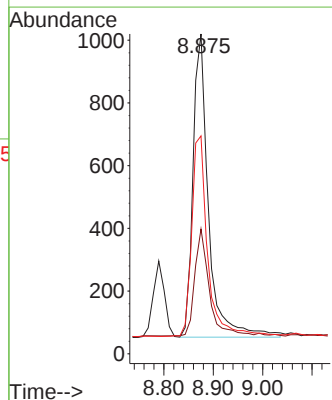
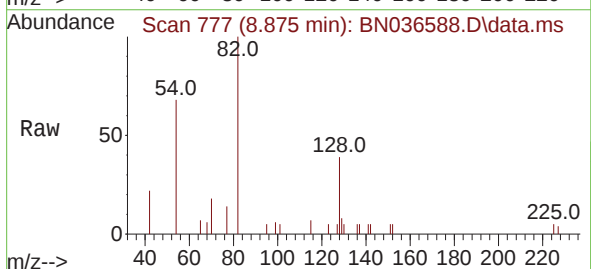
APPROVED

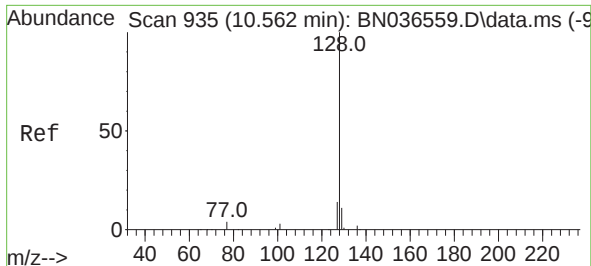
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#8
Nitrobenzene-d5
Concen: 0.383 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036588.D
Acq: 11 Mar 2025 19:09

Tgt Ion: 82 Resp: 2108
Ion Ratio Lower Upper
82 100
128 39.0 30.6 45.8
54 68.1 52.2 78.4





#9
Naphthalene
Concen: 0.424 ng
RT: 10.562 min Scan# 935
Delta R.T. 0.000 min
Lab File: BN036588.D
Acq: 11 Mar 2025 19:09

Instrument :

BNA_N

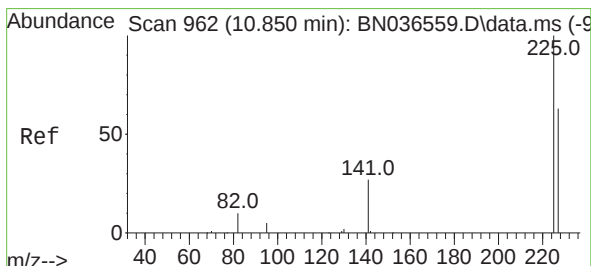
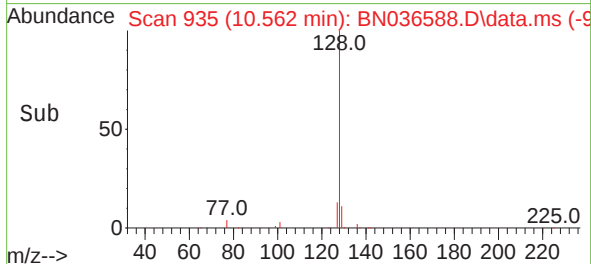
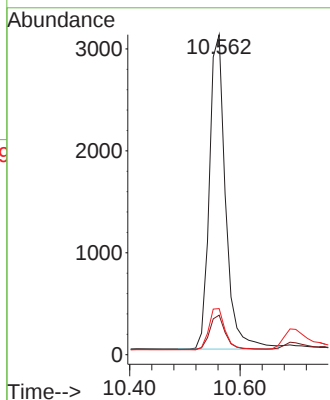
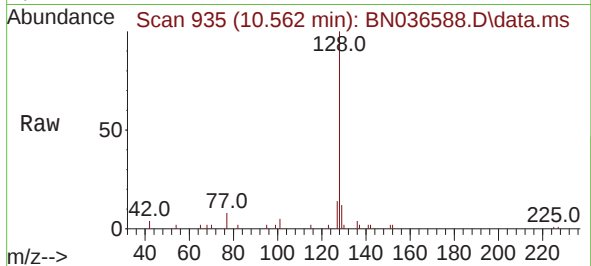
ClientSampleId :

PB167057BS

Tgt Ion:128 Resp: 631
Ion Ratio Lower Upper
128 100
129 12.4 9.8 14.6
127 14.4 11.8 17.8

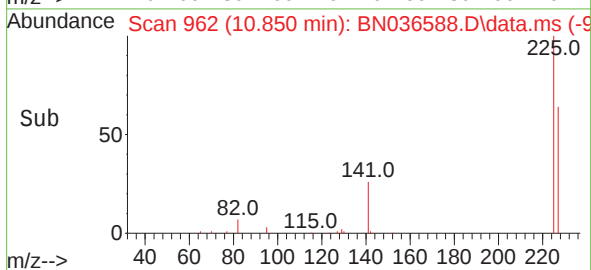
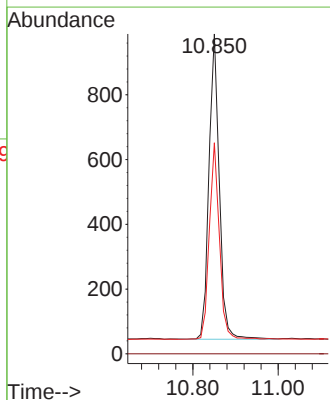
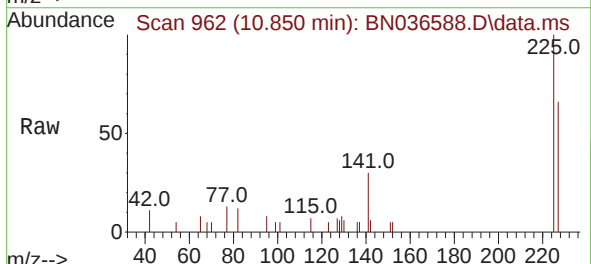
Manual Integrations
APPROVED

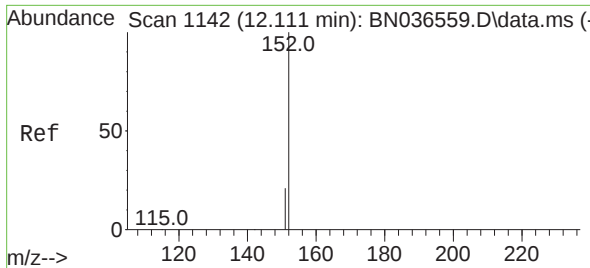
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#10
Hexachlorobutadiene
Concen: 0.452 ng
RT: 10.850 min Scan# 962
Delta R.T. 0.000 min
Lab File: BN036588.D
Acq: 11 Mar 2025 19:09

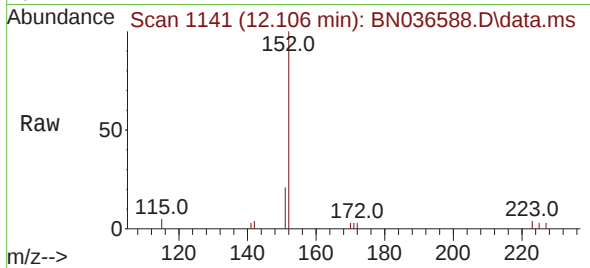
Tgt Ion:225 Resp: 1584
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 62.7 51.8 77.8





#11
2-Methylnaphthalene-d10
Concen: 0.526 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.005 min
Lab File: BN036588.D
Acq: 11 Mar 2025 19:09

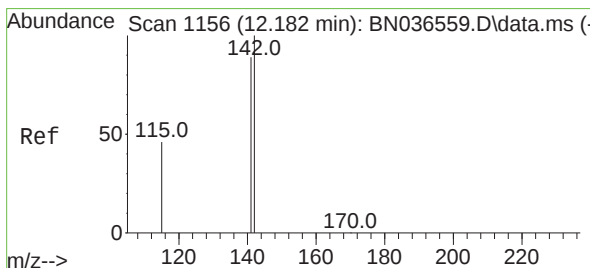
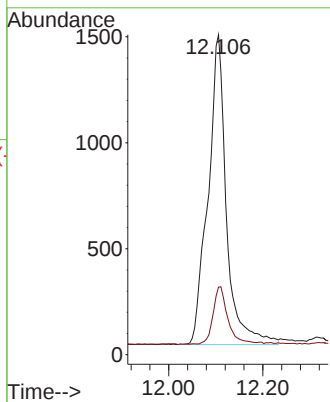
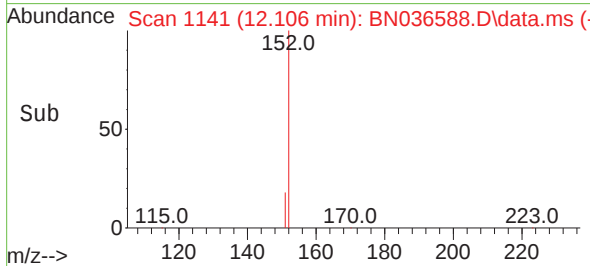
Instrument :
BNA_N
ClientSampleId :
PB167057BS



Tgt Ion:152 Resp: 3960
Ion Ratio Lower Upper
152 100
151 14.7 17.0 25.6

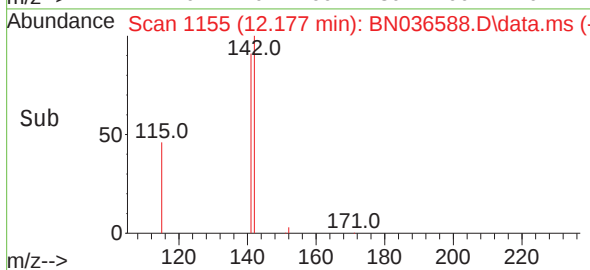
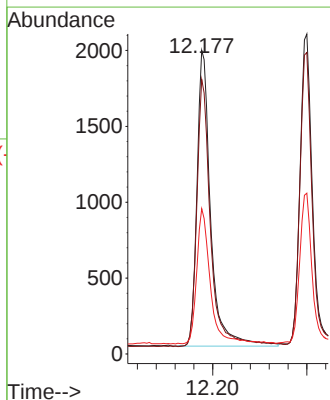
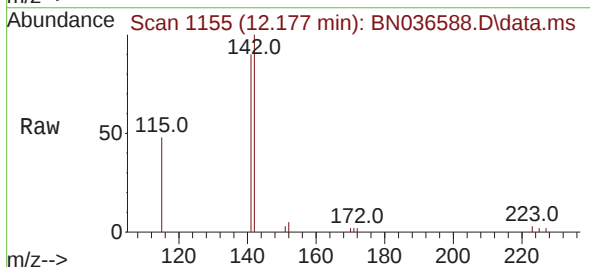
Manual Integrations
APPROVED

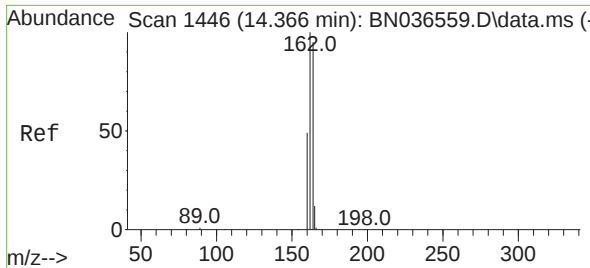
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#12
2-Methylnaphthalene
Concen: 0.417 ng
RT: 12.177 min Scan# 1155
Delta R.T. -0.005 min
Lab File: BN036588.D
Acq: 11 Mar 2025 19:09

Tgt Ion:142 Resp: 3954
Ion Ratio Lower Upper
142 100
141 90.5 71.7 107.5
115 47.9 38.3 57.5





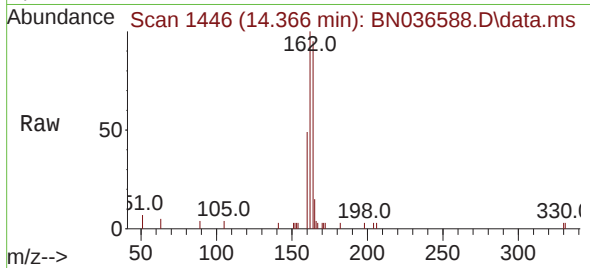
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN036588.D
Acq: 11 Mar 2025 19:09

Instrument :

BNA_N

ClientSampleId :

PB167057BS

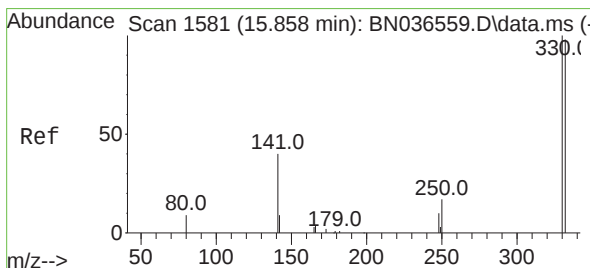
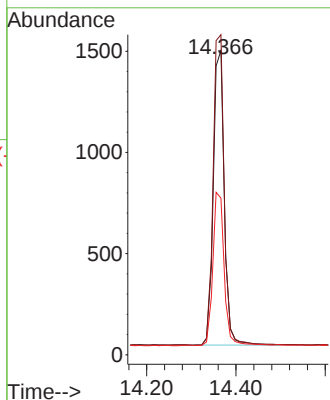
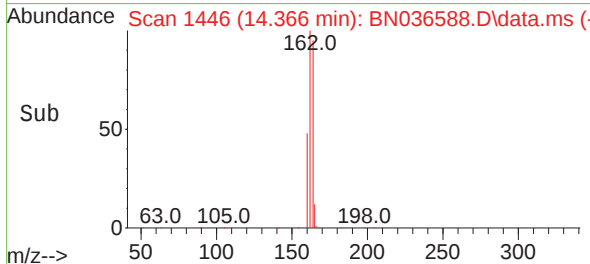


Tgt Ion:164 Resp: 247
Ion Ratio Lower Upper
164 100
162 105.2 84.2 126.2
160 51.5 42.2 63.2

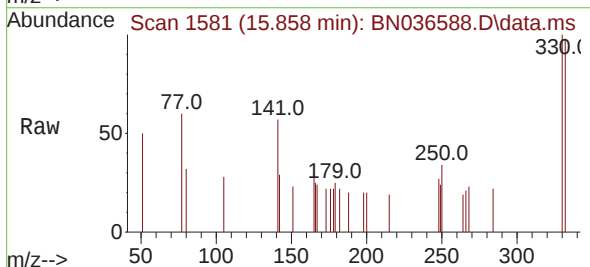
Manual Integrations

APPROVED

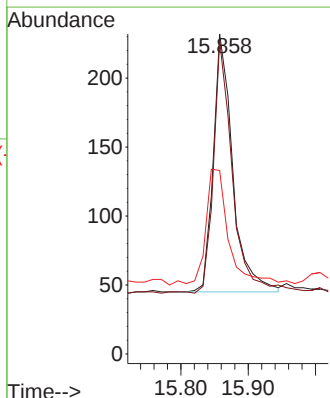
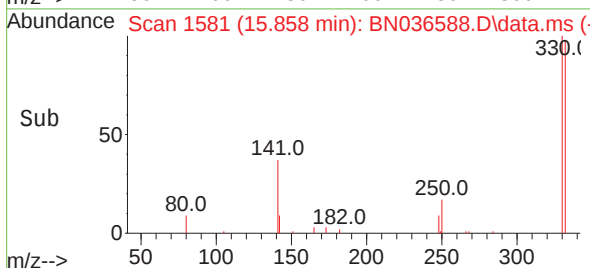
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

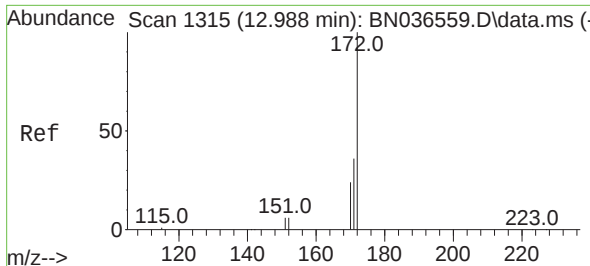


#14
2,4,6-Tribromophenol
Concen: 0.334 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036588.D
Acq: 11 Mar 2025 19:09



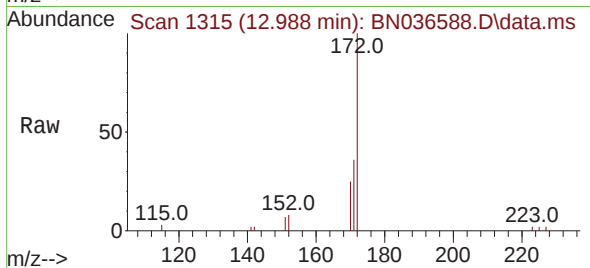
Tgt Ion:330 Resp: 375
Ion Ratio Lower Upper
330 100
332 96.8 75.2 112.8
141 53.9 43.4 65.2





#15
2-Fluorobiphenyl
Concen: 0.450 ng
RT: 12.988 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BN036588.D
Acq: 11 Mar 2025 19:09

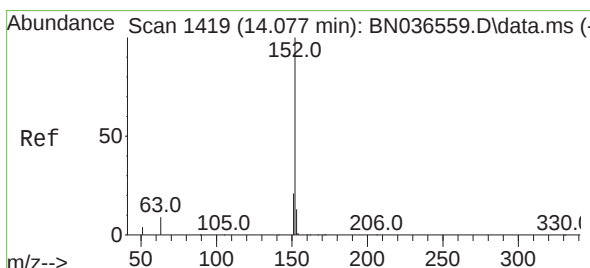
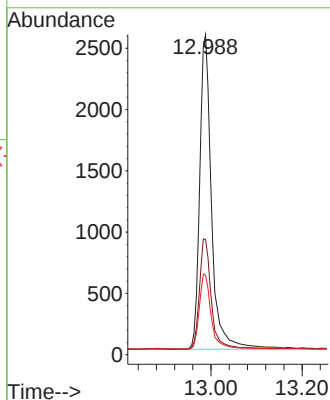
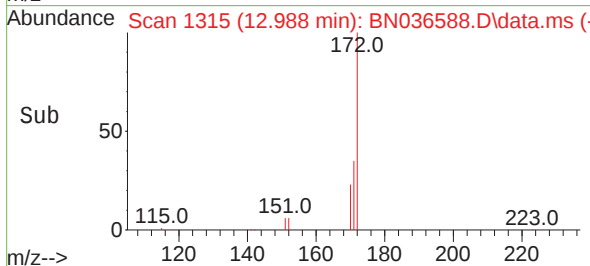
Instrument :
BNA_N
ClientSampleId :
PB167057BS



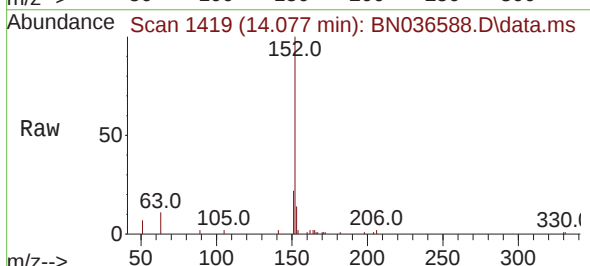
Tgt Ion:172 Resp: 6472
Ion Ratio Lower Upper
172 100
171 36.0 29.5 44.3
170 24.8 20.2 30.4

Manual Integrations
APPROVED

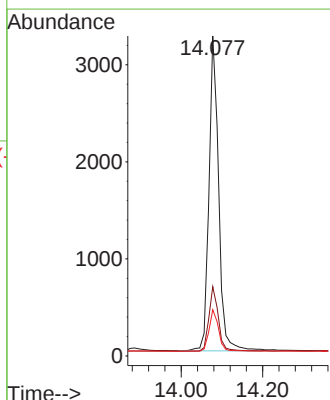
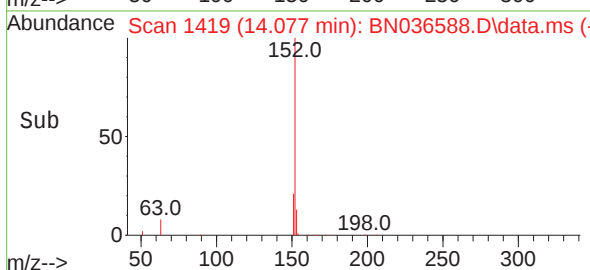
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

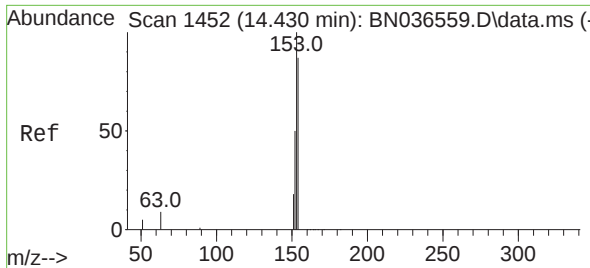


#16
Acenaphthylene
Concen: 0.459 ng
RT: 14.077 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BN036588.D
Acq: 11 Mar 2025 19:09



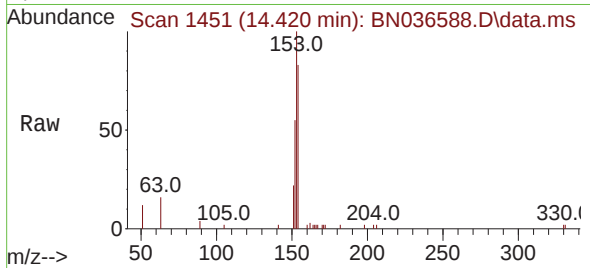
Tgt Ion:152 Resp: 5361
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.2 10.6 15.8





#17
Acenaphthene
Concen: 0.429 ng
RT: 14.420 min Scan# 1451
Delta R.T. -0.011 min
Lab File: BN036588.D
Acq: 11 Mar 2025 19:09

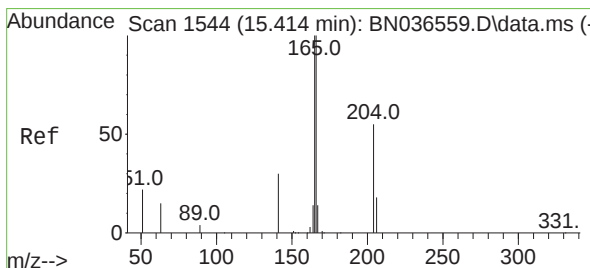
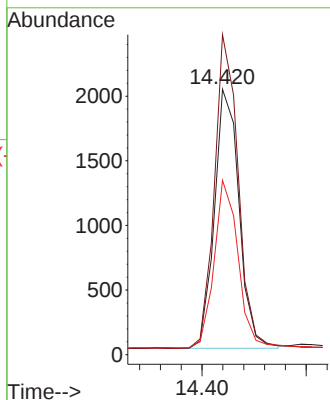
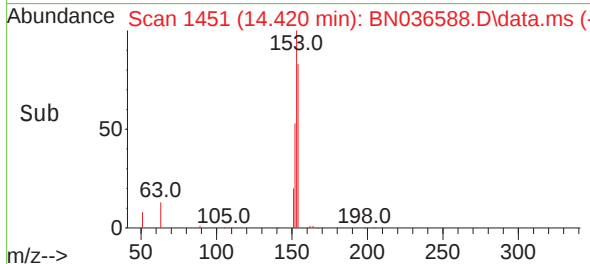
Instrument : BNA_N
ClientSampleId : PB167057BS



Tgt Ion:154 Resp: 3280
Ion Ratio Lower Upper
154 100
153 118.0 94.1 141.1
152 63.9 49.8 74.6

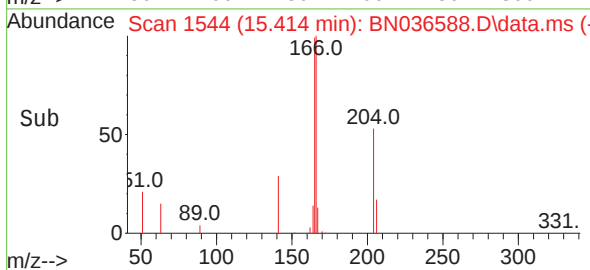
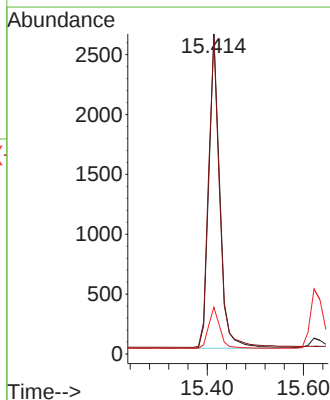
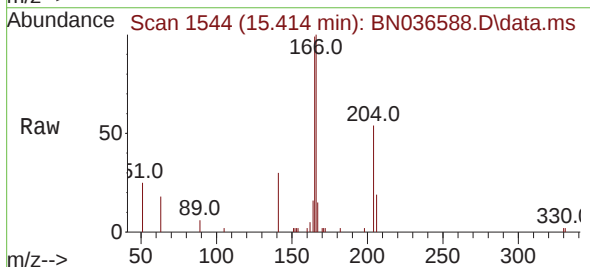
Manual Integrations
APPROVED

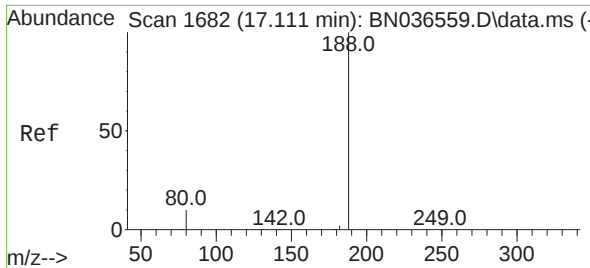
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#18
Fluorene
Concen: 0.410 ng
RT: 15.414 min Scan# 1544
Delta R.T. 0.000 min
Lab File: BN036588.D
Acq: 11 Mar 2025 19:09

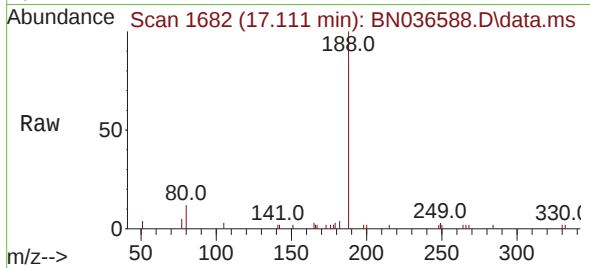
Tgt Ion:166 Resp: 4237
Ion Ratio Lower Upper
166 100
165 100.2 79.8 119.8
167 13.7 10.6 15.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN036588.D
Acq: 11 Mar 2025 19:09

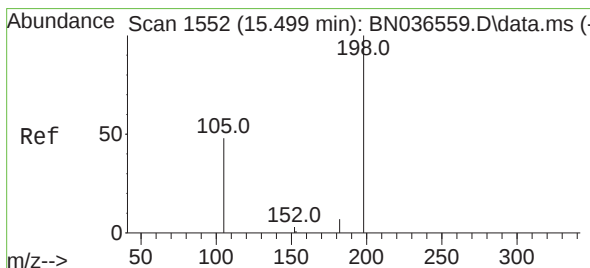
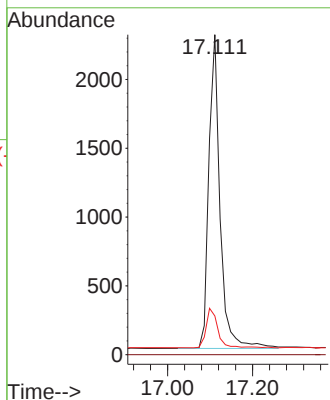
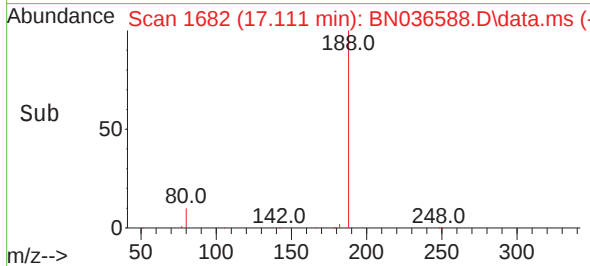
Instrument :
BNA_N
ClientSampleId :
PB167057BS



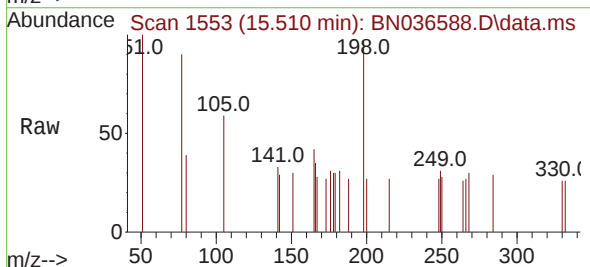
Tgt Ion:188 Resp: 4170
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.1 8.8 13.2

Manual Integrations
APPROVED

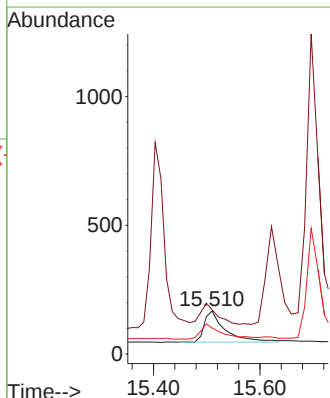
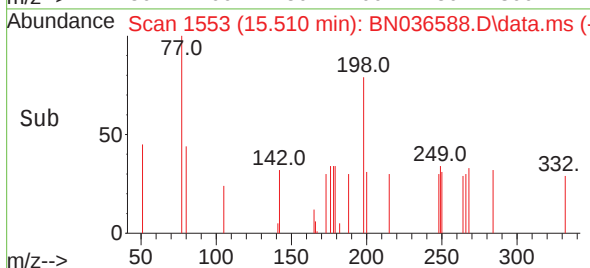
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

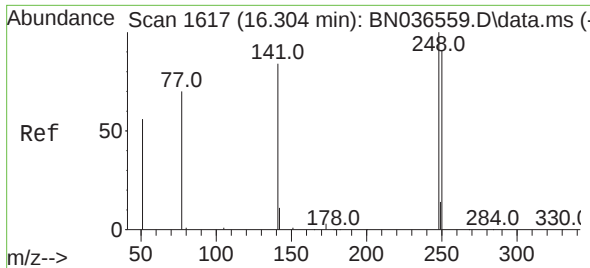


#20
4,6-Dinitro-2-methylphenol
Concen: 0.460 ng
RT: 15.510 min Scan# 1553
Delta R.T. 0.011 min
Lab File: BN036588.D
Acq: 11 Mar 2025 19:09



Tgt Ion:198 Resp: 335
Ion Ratio Lower Upper
198 100
51 103.0 107.9 161.9#
105 60.5 56.2 84.2





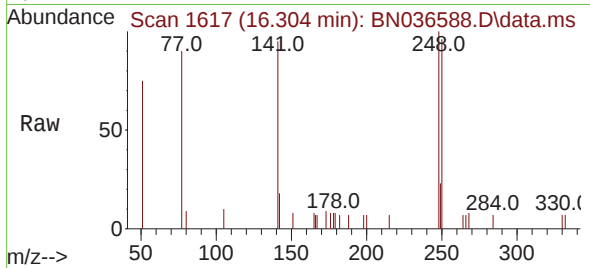
#21
4-Bromophenyl-phenylether
Concen: 0.480 ng
RT: 16.304 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BN036588.D
Acq: 11 Mar 2025 19:09

Instrument :

BNA_N

ClientSampleId :

PB167057BS

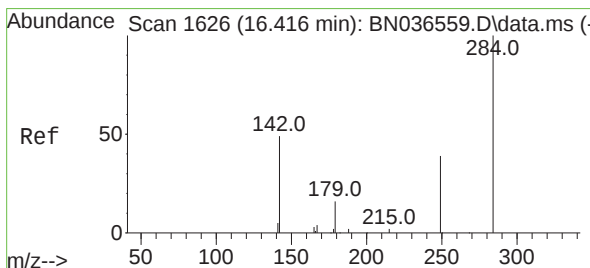
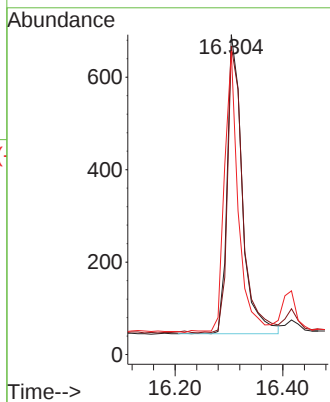
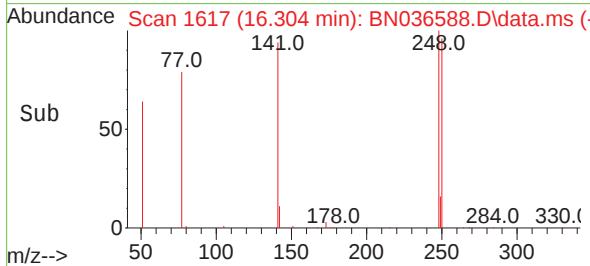


Tgt Ion:248 Resp: 1250
Ion Ratio Lower Upper
248 100
250 96.4 73.0 109.6
141 94.8 68.6 103.0

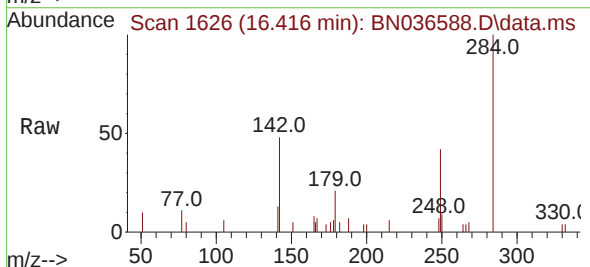
Manual Integrations

APPROVED

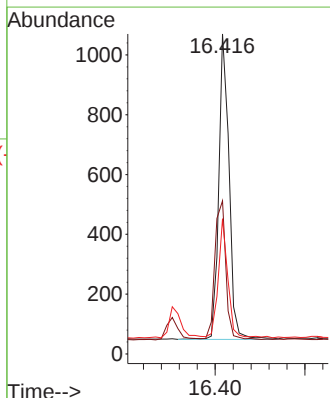
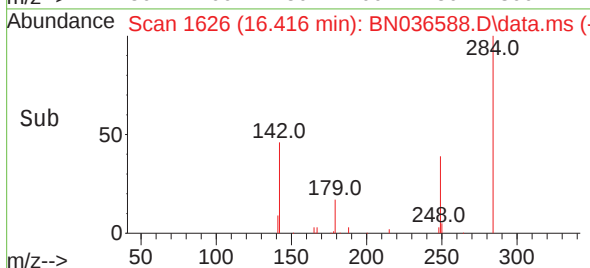
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

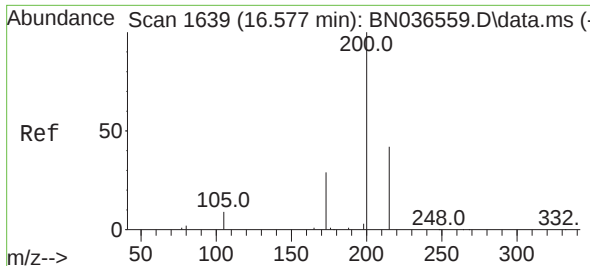


#22
Hexachlorobenzene
Concen: 0.513 ng
RT: 16.416 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BN036588.D
Acq: 11 Mar 2025 19:09



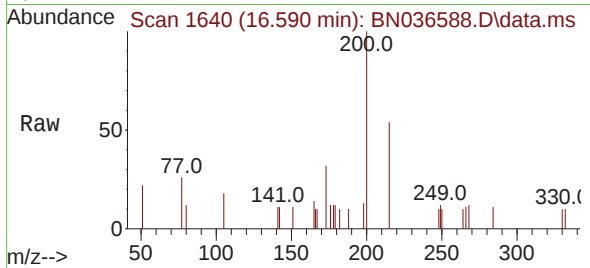
Tgt Ion:284 Resp: 1619
Ion Ratio Lower Upper
284 100
142 48.5 37.0 55.4
249 35.0 28.1 42.1





#23
Atrazine
Concen: 0.499 ng
RT: 16.590 min Scan# 1640
Delta R.T. 0.012 min
Lab File: BN036588.D
Acq: 11 Mar 2025 19:09

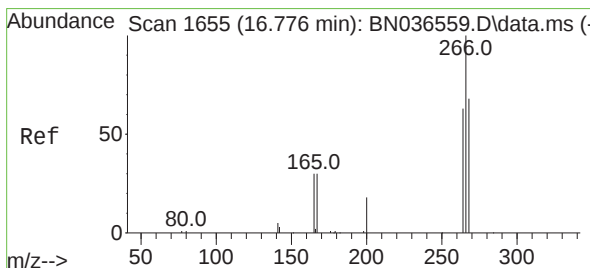
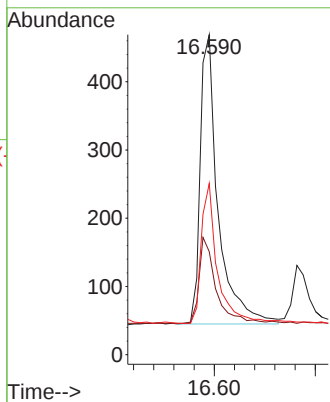
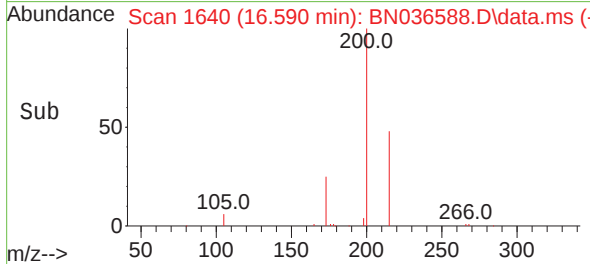
Instrument :
BNA_N
ClientSampleId :
PB167057BS



Tgt Ion:200 Resp: 1040
Ion Ratio Lower Upper
200 100
173 32.2 27.3 40.9
215 53.5 36.8 55.2

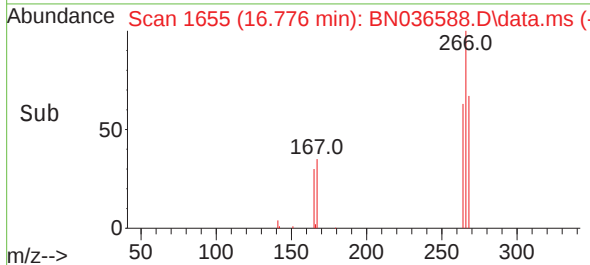
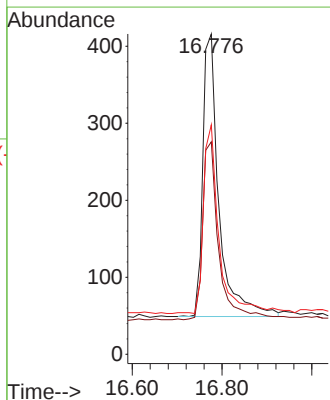
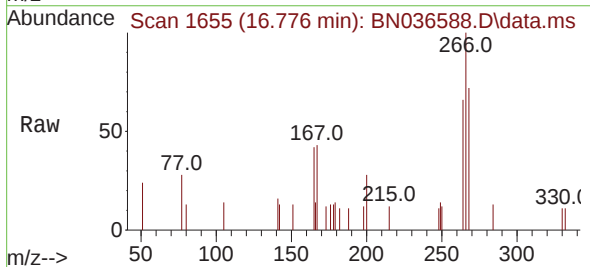
Manual Integrations
APPROVED

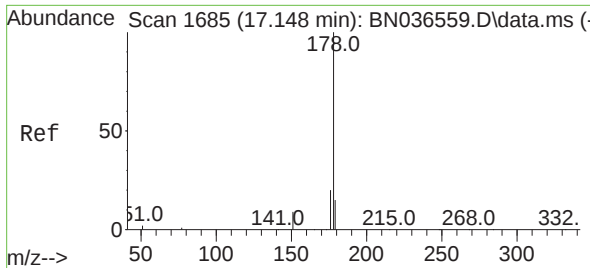
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#24
Pentachlorophenol
Concen: 0.637 ng
RT: 16.776 min Scan# 1655
Delta R.T. 0.000 min
Lab File: BN036588.D
Acq: 11 Mar 2025 19:09

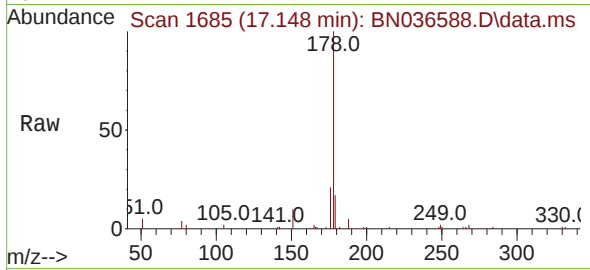
Tgt Ion:266 Resp: 917
Ion Ratio Lower Upper
266 100
264 62.4 49.6 74.4
268 64.8 50.9 76.3





#25
Phenanthrene
Concen: 0.481 ng
RT: 17.148 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN036588.D
Acq: 11 Mar 2025 19:09

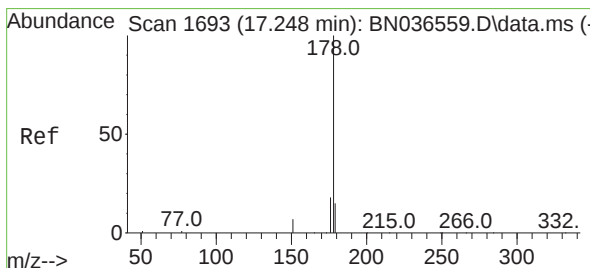
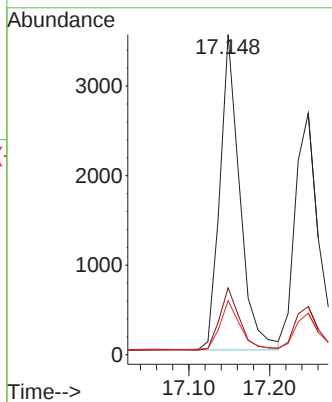
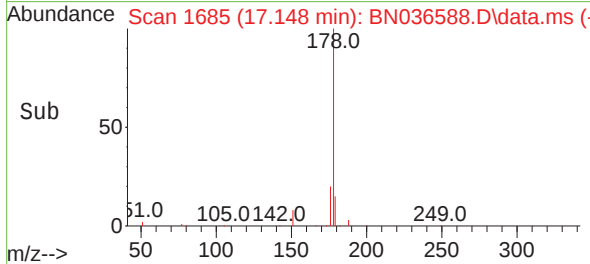
Instrument :
BNA_N
ClientSampleId :
PB167057BS



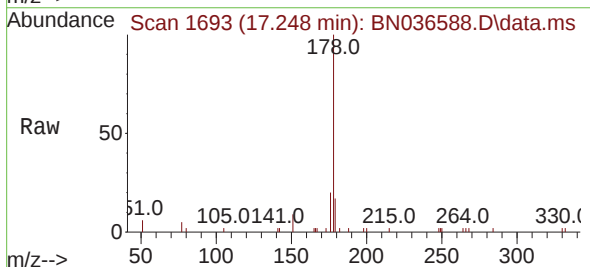
Tgt Ion:178 Resp: 6029
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 15.7 12.2 18.4

Manual Integrations
APPROVED

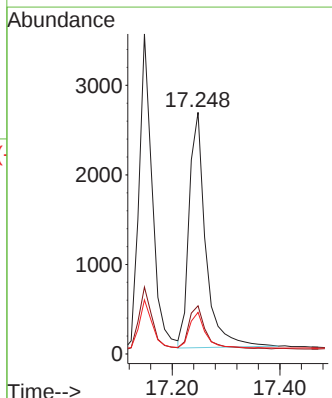
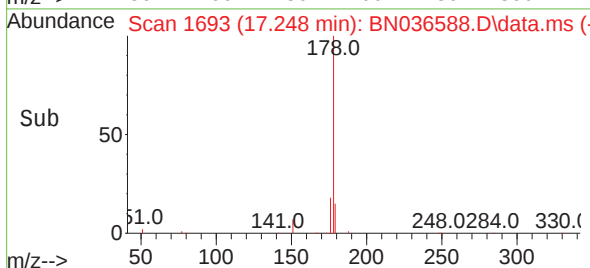
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

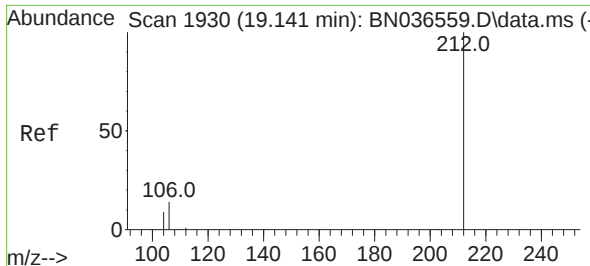


#26
Anthracene
Concen: 0.496 ng
RT: 17.248 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BN036588.D
Acq: 11 Mar 2025 19:09



Tgt Ion:178 Resp: 5609
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.1 12.6 18.8





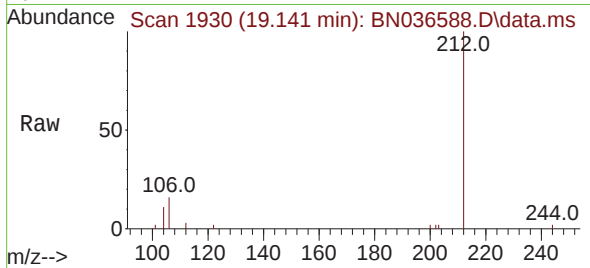
#27
Fluoranthene-d10
Concen: 0.388 ng
RT: 19.141 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BN036588.D
Acq: 11 Mar 2025 19:09

Instrument :

BNA_N

ClientSampleId :

PB167057BS

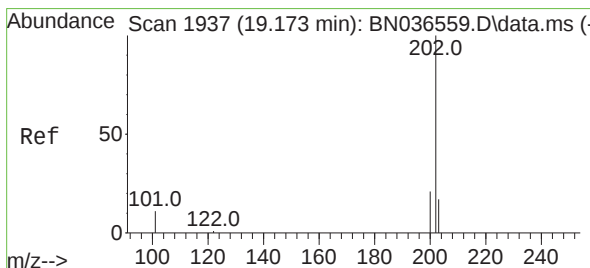
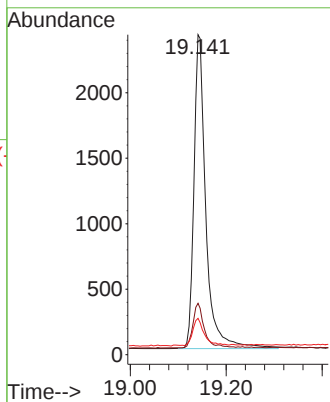
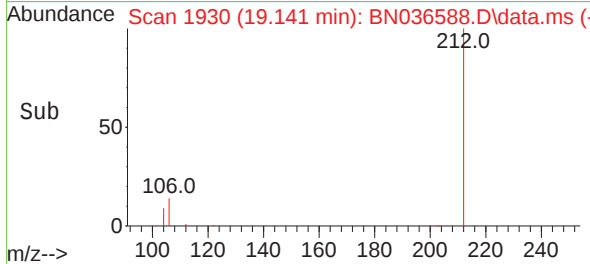


Tgt Ion:212 Resp: 415
Ion Ratio Lower Upper
212 100
106 13.6 11.8 17.6
104 8.4 7.3 10.9

Manual Integrations

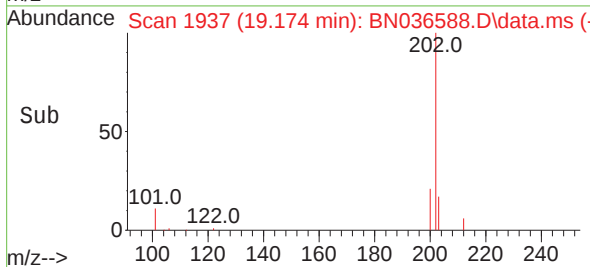
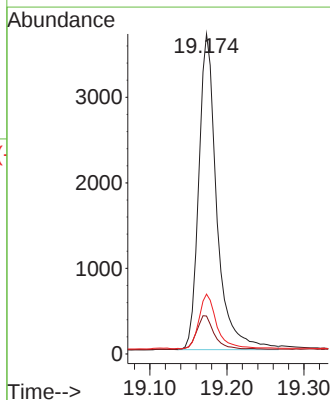
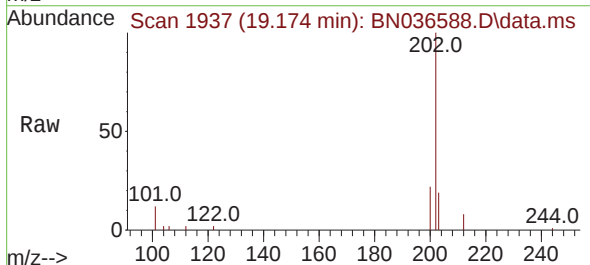
APPROVED

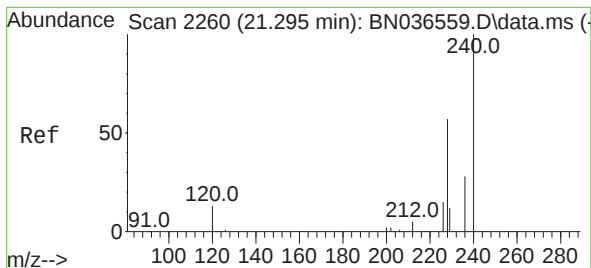
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#28
Fluoranthene
Concen: 0.427 ng
RT: 19.174 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BN036588.D
Acq: 11 Mar 2025 19:09

Tgt Ion:202 Resp: 6012
Ion Ratio Lower Upper
202 100
101 10.4 9.4 14.0
203 17.2 13.5 20.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.304 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN036588.D

Acq: 11 Mar 2025 19:09

Instrument :

BNA_N

ClientSampleId :

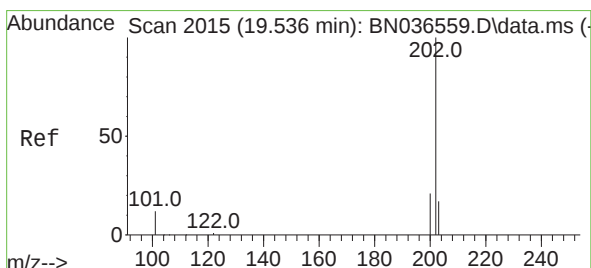
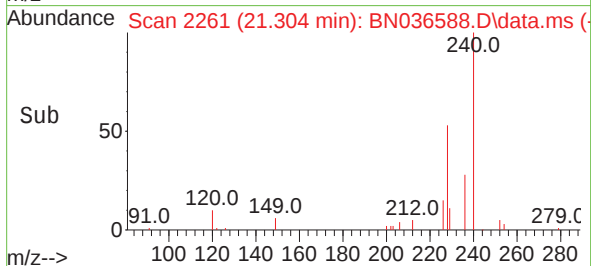
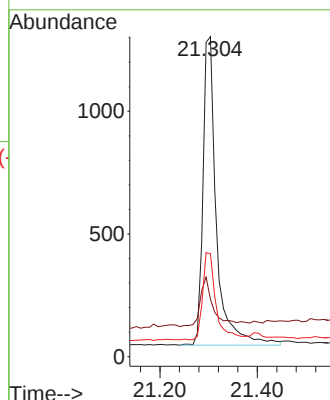
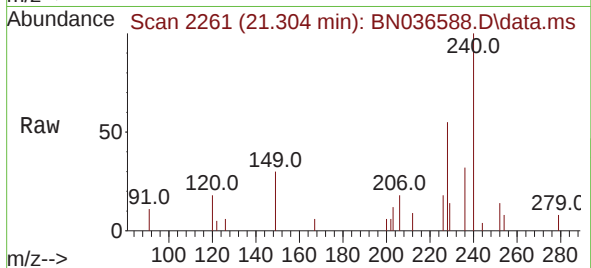
PB167057BS

Tgt Ion:	240	Resp:	2420
Ion Ratio	Lower	Upper	
240	100		
120	17.9	14.6	22.0
236	32.2	24.1	36.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#30

Pyrene

Concen: 0.524 ng

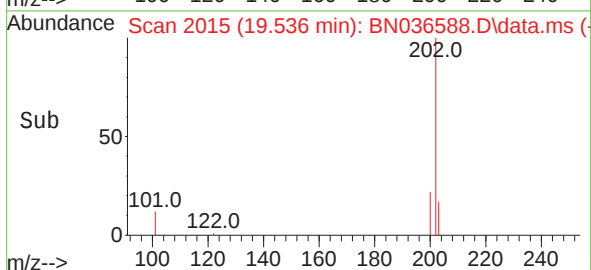
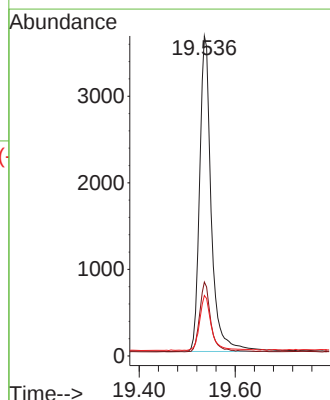
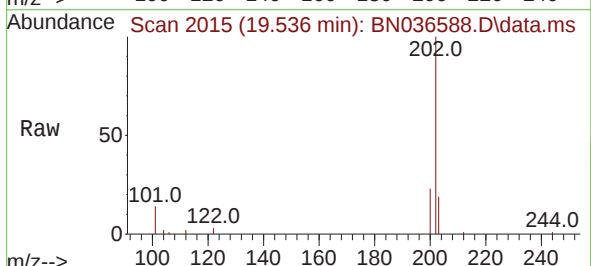
RT: 19.536 min Scan# 2015

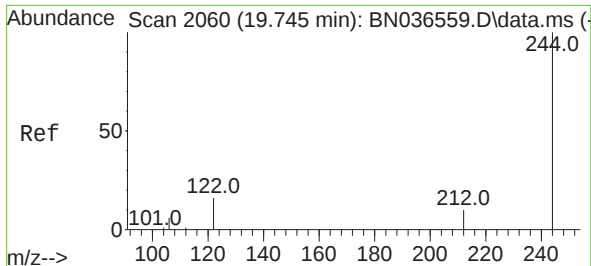
Delta R.T. 0.000 min

Lab File: BN036588.D

Acq: 11 Mar 2025 19:09

Tgt Ion:	202	Resp:	6199
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.1	25.7
203	17.4	14.1	21.1





#31
 Terphenyl-d14
 Concen: 0.471 ng
 RT: 19.750 min Scan# 2060
 Delta R.T. 0.005 min
 Lab File: BN036588.D
 Acq: 11 Mar 2025 19:09

Instrument :

BNA_N

ClientSampleId :

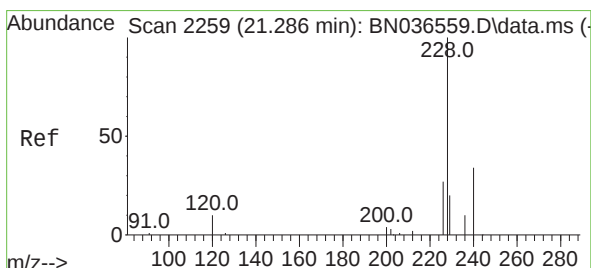
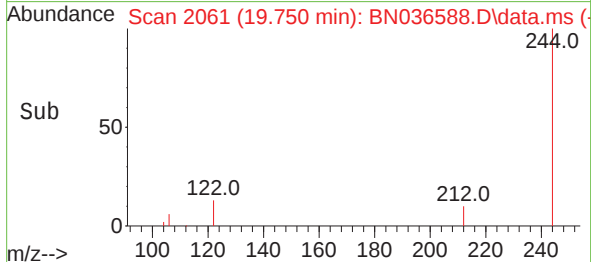
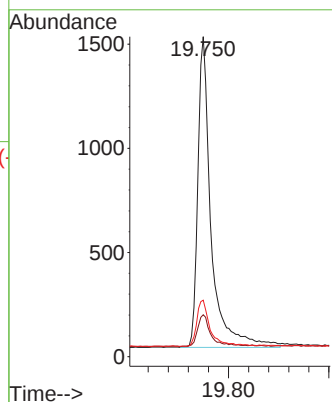
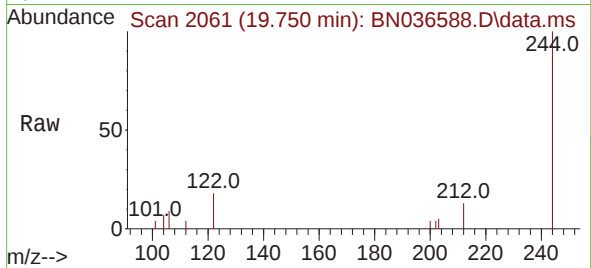
PB167057BS

Tgt Ion:244 Resp: 2732
 Ion Ratio Lower Upper
 244 100
 212 13.1 9.6 14.4
 122 17.6 13.9 20.9

Manual Integrations

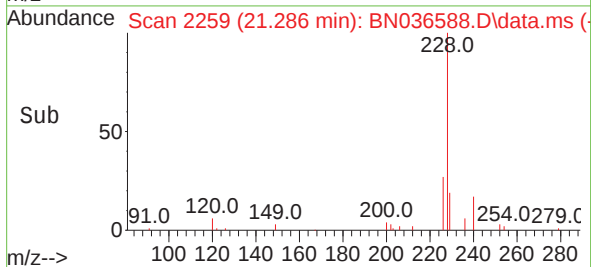
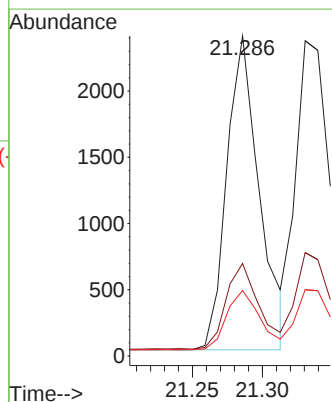
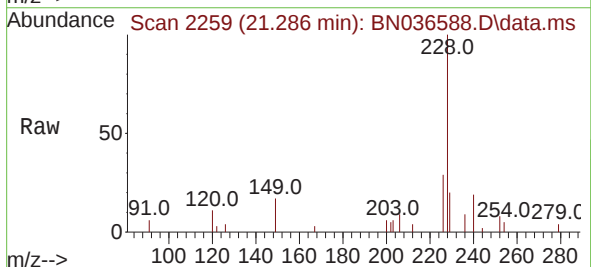
APPROVED

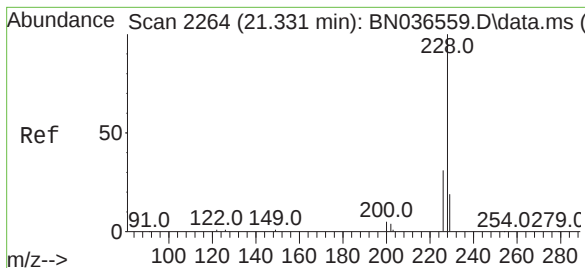
Reviewed By :Anahy Claudio 03/12/2025
 Supervised By :Jagrut Upadhyay 03/12/2025



#32
 Benzo(a)anthracene
 Concen: 0.456 ng
 RT: 21.286 min Scan# 2259
 Delta R.T. 0.000 min
 Lab File: BN036588.D
 Acq: 11 Mar 2025 19:09

Tgt Ion:228 Resp: 3838
 Ion Ratio Lower Upper
 228 100
 226 28.9 22.5 33.7
 229 20.4 16.6 25.0





#33

Chrysene

Concen: 0.503 ng

RT: 21.331 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN036588.D

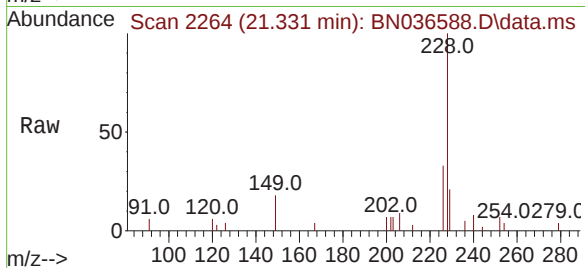
Acq: 11 Mar 2025 19:09

Instrument :

BNA_N

ClientSampleId :

PB167057BS



Tgt Ion:228 Resp: 4624

Ion Ratio Lower Upper

228 100

226 32.8 25.3 37.9

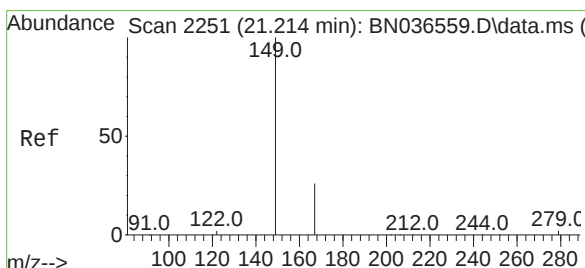
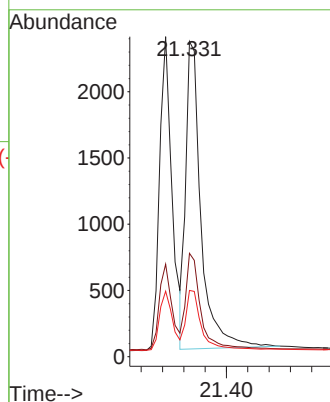
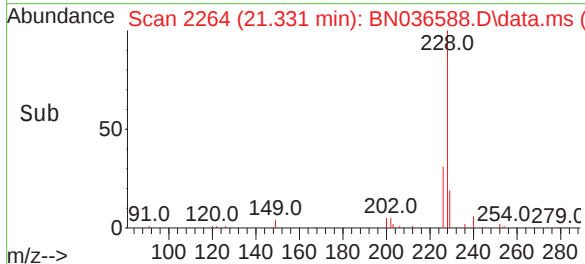
229 21.0 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/12/2025

Supervised By :Jagrut Upadhyay 03/12/2025



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.445 ng

RT: 21.214 min Scan# 2251

Delta R.T. 0.000 min

Lab File: BN036588.D

Acq: 11 Mar 2025 19:09

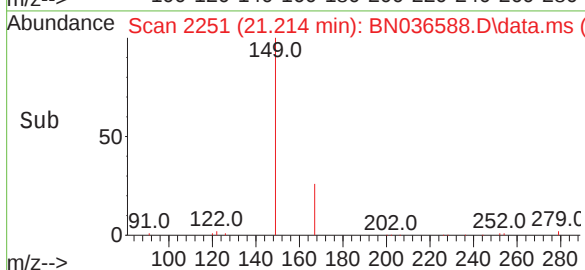
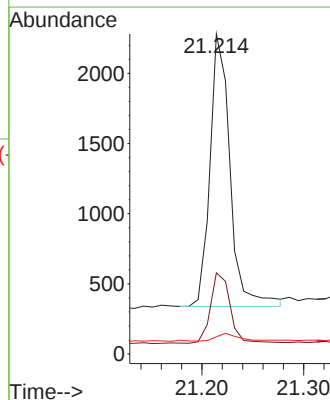
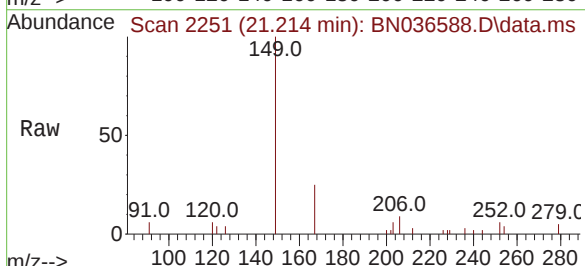
Tgt Ion:149 Resp: 2665

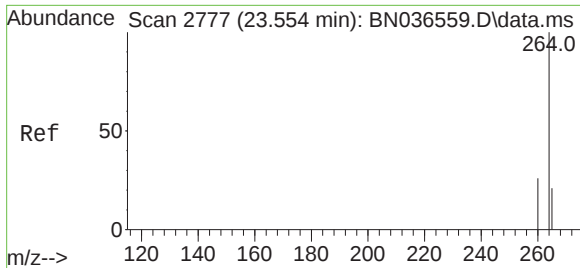
Ion Ratio Lower Upper

149 100

167 25.0 20.7 31.1

279 2.9 3.6 5.4#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.557 min Scan# 21

Delta R.T. 0.003 min

Lab File: BN036588.D

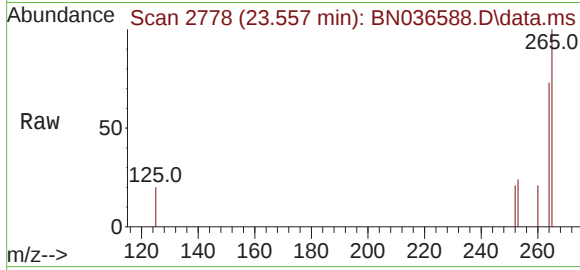
Acq: 11 Mar 2025 19:09

Instrument :

BNA_N

ClientSampleId :

PB167057BS



Tgt Ion:264 Resp: 2074

Ion Ratio Lower Upper

264 100

260 28.6 22.6 33.8

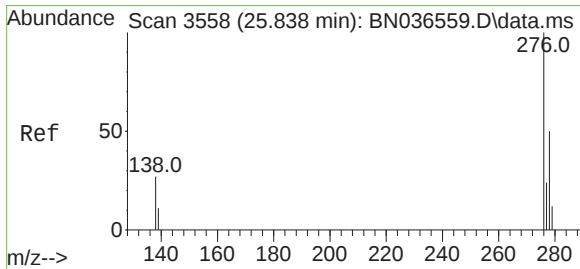
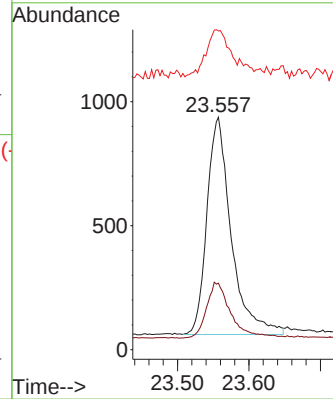
265 137.1 88.1 132.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/12/2025

Supervised By :Jagrut Upadhyay 03/12/2025



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.556 ng

RT: 25.841 min Scan# 3559

Delta R.T. 0.003 min

Lab File: BN036588.D

Acq: 11 Mar 2025 19:09

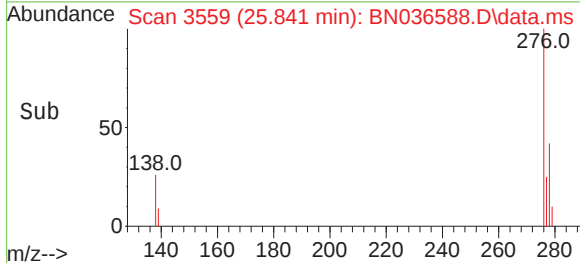
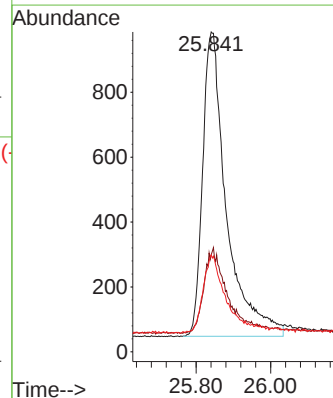
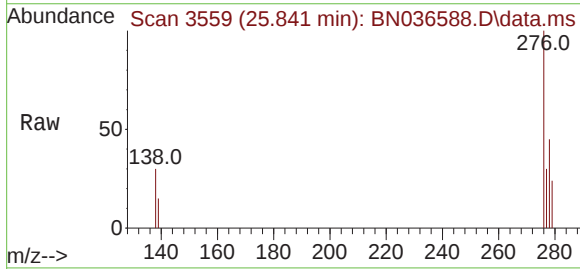
Tgt Ion:276 Resp: 4164

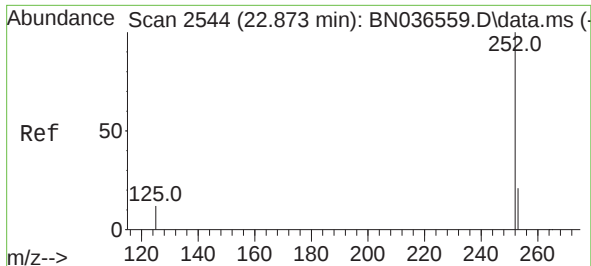
Ion Ratio Lower Upper

276 100

138 25.7 23.4 35.2

277 22.9 20.0 30.0





#37

Benzo(b)fluoranthene

Concen: 0.445 ng

RT: 22.876 min Scan# 2544

Delta R.T. 0.003 min

Lab File: BN036588.D

Acq: 11 Mar 2025 19:09

Instrument :

BNA_N

ClientSampleId :

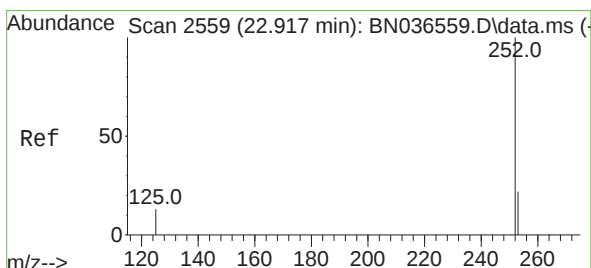
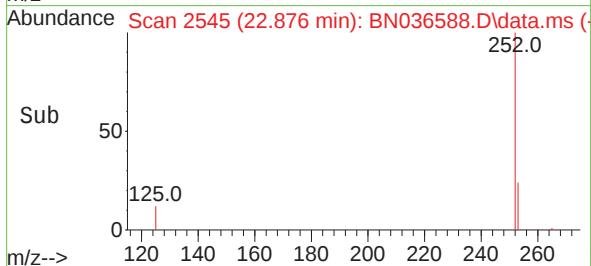
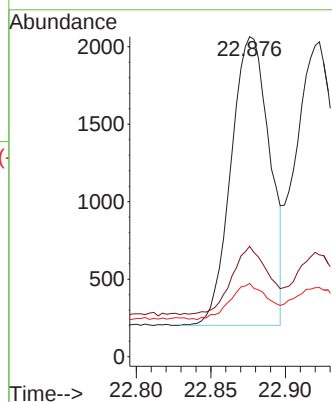
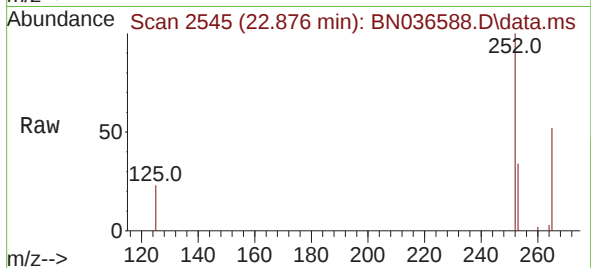
PB167057BS

Tgt Ion:252	Resp:	335
Ion Ratio	Lower	Upper
252	100	
253	34.5	23.9 35.9
125	22.9	17.4 26.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#38

Benzo(k)fluoranthene

Concen: 0.522 ng m

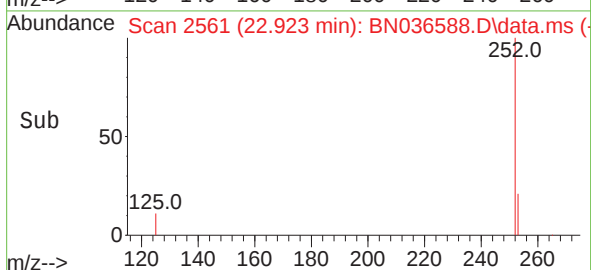
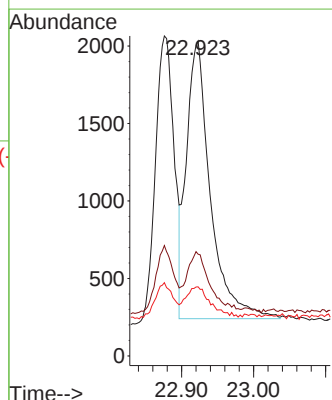
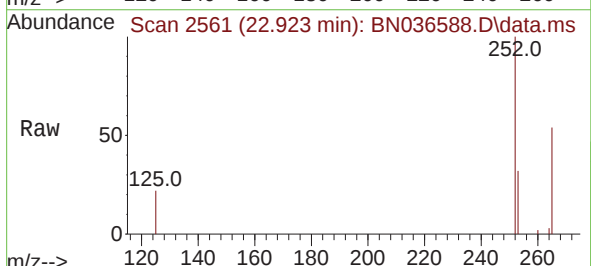
RT: 22.923 min Scan# 2561

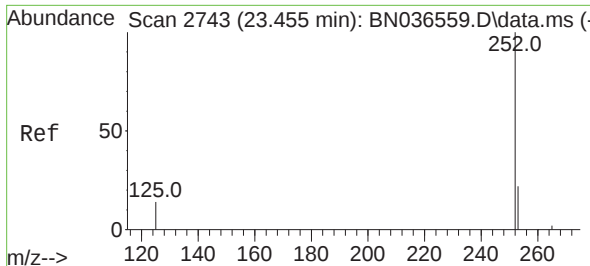
Delta R.T. 0.006 min

Lab File: BN036588.D

Acq: 11 Mar 2025 19:09

Tgt Ion:252	Resp:	4137
Ion Ratio	Lower	Upper
252	100	
253	32.3	24.6 36.8
125	21.9	17.8 26.8





#39

Benzo(a)pyrene

Concen: 0.510 ng

RT: 23.458 min Scan# 21

Delta R.T. 0.003 min

Lab File: BN036588.D

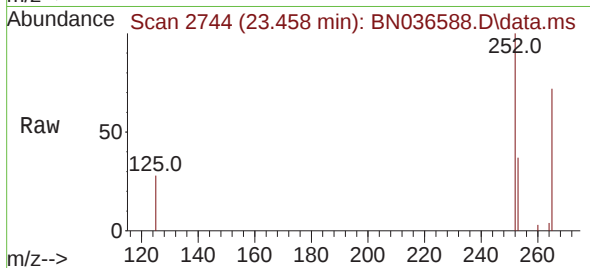
Acq: 11 Mar 2025 19:09

Instrument :

BNA_N

ClientSampleId :

PB167057BS



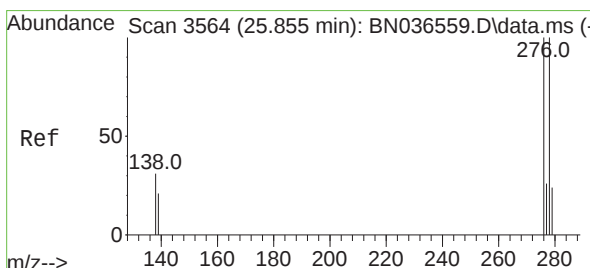
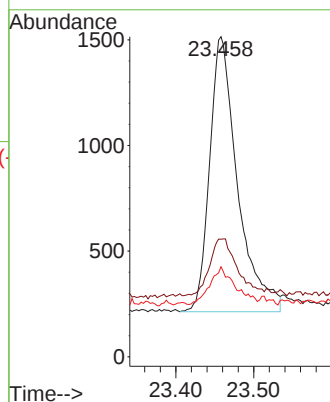
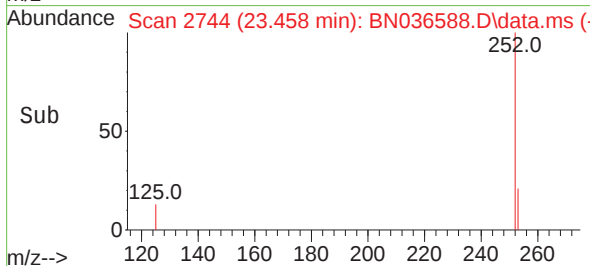
Tgt Ion:	252	Resp:	324
Ion Ratio	Lower	Upper	
252	100		
253	36.7	27.8	41.8
125	28.1	22.7	34.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/12/2025

Supervised By :Jagrut Upadhyay 03/12/2025



#40

Dibenzo(a,h)anthracene

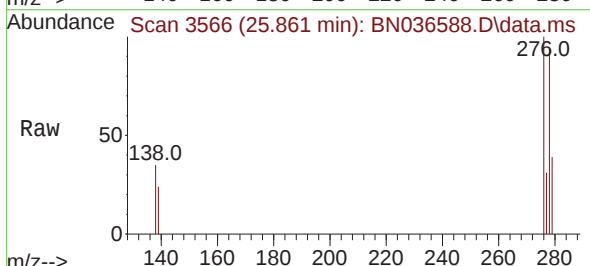
Concen: 0.545 ng

RT: 25.861 min Scan# 3566

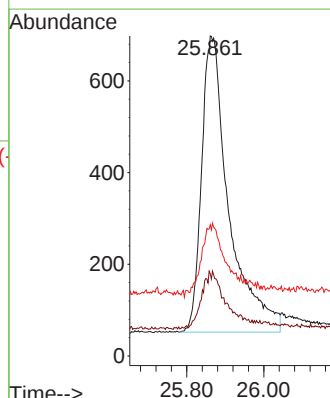
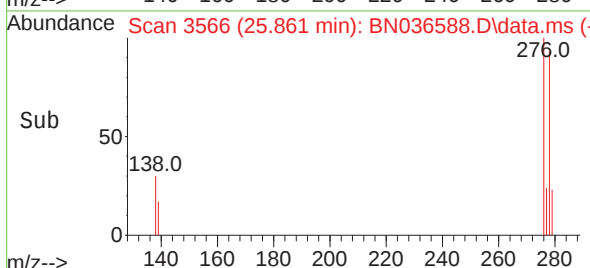
Delta R.T. 0.006 min

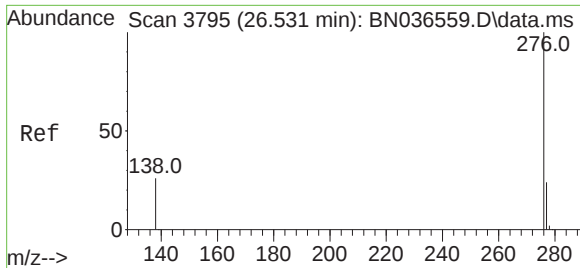
Lab File: BN036588.D

Acq: 11 Mar 2025 19:09



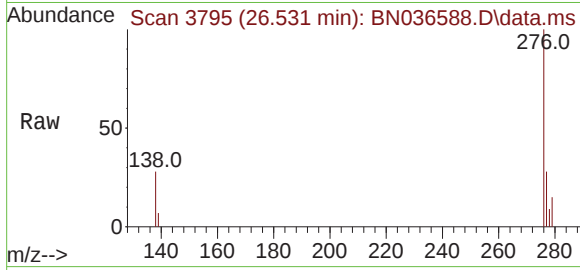
Tgt Ion:	278	Resp:	3176
Ion Ratio	Lower	Upper	
278	100		
139	25.6	20.8	31.2
279	41.0	28.8	43.2





#41
Benzo(g,h,i)perylene
Concen: 0.489 ng
RT: 26.531 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN036588.D
Acq: 11 Mar 2025 19:09

Instrument :
BNA_N
ClientSampleId :
PB167057BS



Tgt Ion: 276 Resp: 325
Ion Ratio Lower Upper
276 100
277 27.9 22.2 33.4
138 28.5 24.1 36.1

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

