

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
 Data File : BN036769.D
 Acq On : 28 Mar 2025 12:47
 Operator : RC/JU
 Sample : Q1629-04MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT188S1-20250320MS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/31/2025
 Supervised By :Jagrut Upadhyay 04/01/2025

Quant Time: Mar 28 13:09:57 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	7.696	152	1547	0.400	ng	-0.03
7) Naphthalene-d8	10.488	136	3800	0.400	ng	#-0.02
13) Acenaphthene-d10	14.334	164	2504	0.400	ng	-0.03
19) Phenanthrene-d10	17.087	188	5519	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	4772	0.400	ng	#-0.02
35) Perylene-d12	23.519	264	4206	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	621	0.172	ng	-0.02
5) Phenol-d6	6.872	99	461	0.104	ng	-0.03
8) Nitrobenzene-d5	8.843	82	1270	0.307	ng	-0.03
11) 2-Methylnaphthalene-d10	12.075	152	2142m	0.379	ng	-0.04
14) 2,4,6-Tribromophenol	15.833	330	500	0.440	ng	-0.02
15) 2-Fluorobiphenyl	12.963	172	5081	0.349	ng	-0.03
27) Fluoranthene-d10	19.118	212	5936	0.420	ng	-0.02
31) Terphenyl-d14	19.722	244	4521	0.395	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	1076	0.627	ng	# 70
3) n-Nitrosodimethylamine	3.536	42	692	0.199	ng	# 97
6) bis(2-Chloroethyl)ether	7.125	93	1606	0.349	ng	96
9) Naphthalene	10.530	128	4212	0.377	ng	98
10) Hexachlorobutadiene	10.818	225	873	0.332	ng	# 100
12) 2-Methylnaphthalene	12.151	142	2787	0.392	ng	98
16) Acenaphthylene	14.056	152	4729	0.400	ng	99
17) Acenaphthene	14.398	154	3057	0.395	ng	98
18) Fluorene	15.393	166	4486	0.429	ng	99
20) 4,6-Dinitro-2-methylph...	15.478	198	460	0.472	ng	# 77
21) 4-Bromophenyl-phenylether	16.280	248	1436	0.415	ng	94
22) Hexachlorobenzene	16.391	284	1647	0.395	ng	97
23) Atrazine	16.553	200	1296	0.467	ng	99
24) Pentachlorophenol	16.739	266	1338	0.703	ng	98
25) Phenanthrene	17.124	178	7316	0.442	ng	99
26) Anthracene	17.223	178	6668	0.446	ng	99
28) Fluoranthene	19.150	202	8988	0.483	ng	99
30) Pyrene	19.513	202	9497	0.407	ng	100
32) Benzo(a)anthracene	21.259	228	7243	0.437	ng	99
33) Chrysene	21.313	228	8271	0.456	ng	98
34) Bis(2-ethylhexyl)phtha...	21.196	149	4790	0.405	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.785	276	6488	0.427	ng	98
37) Benzo(b)fluoranthene	22.844	252	7114	0.465	ng	93
38) Benzo(k)fluoranthene	22.888	252	7550	0.470	ng	93
39) Benzo(a)pyrene	23.420	252	6131	0.476	ng	# 91
40) Dibenzo(a,h)anthracene	25.800	278	4935	0.418	ng	92
41) Benzo(g,h,i)perylene	26.475	276	5010	0.371	ng	98

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

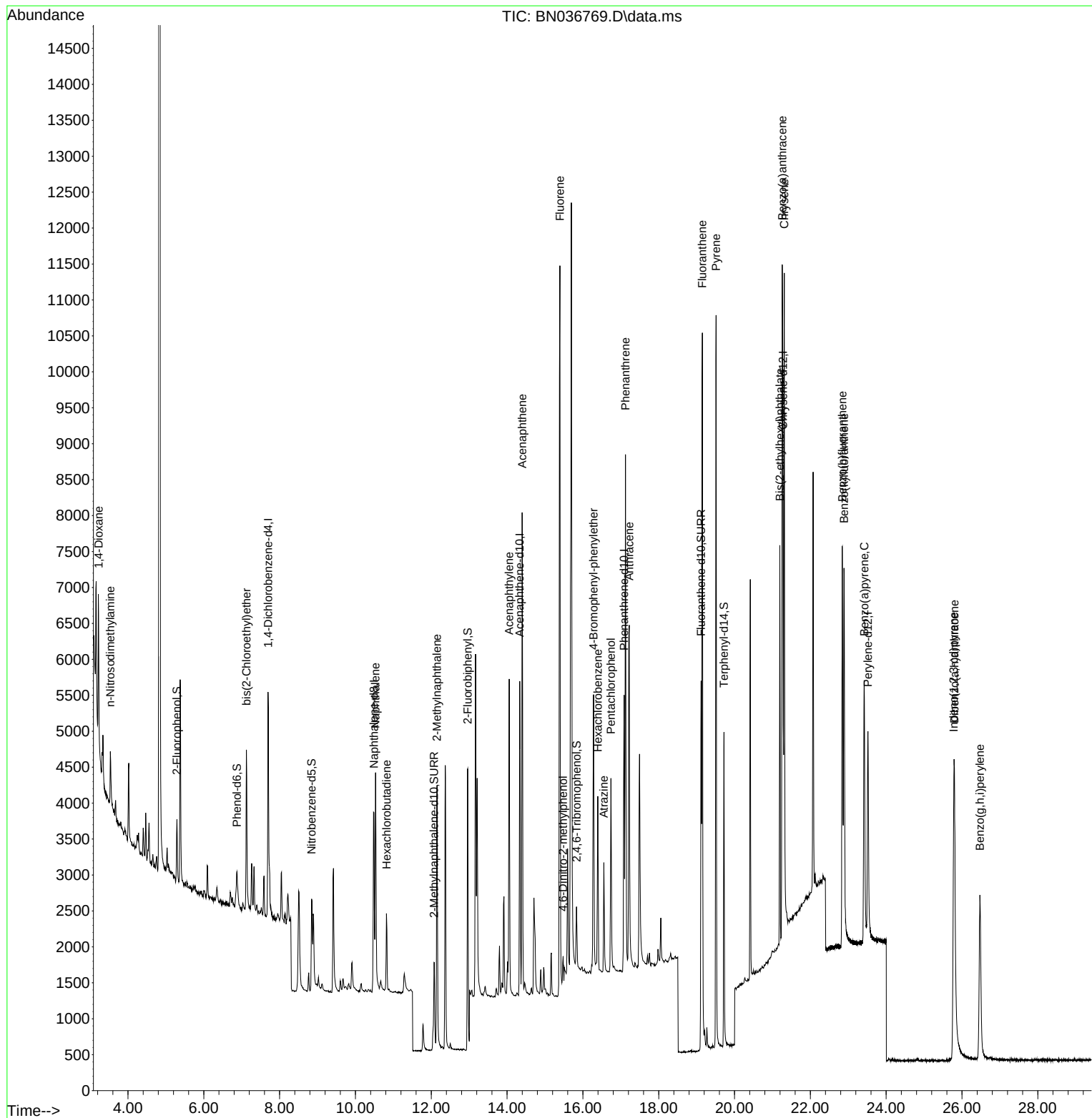
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
 Data File : BN036769.D
 Acq On : 28 Mar 2025 12:47
 Operator : RC/JU
 Sample : Q1629-04MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

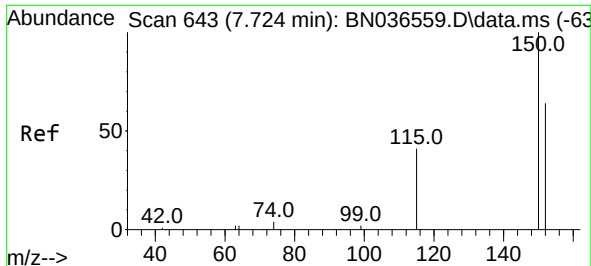
Instrument :
 BNA_N
 ClientSampleId :
 TT188S1-20250320MS

Quant Time: Mar 28 13:09:57 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

Manual Integrations APPROVED

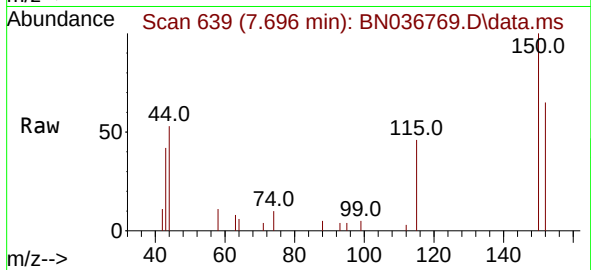
Reviewed By :Anahy Claudio 03/31/2025
 Supervised By :Jagrut Upadhyay 04/01/2025





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.696 min Scan# 61
 Delta R.T. -0.028 min
 Lab File: BN036769.D
 Acq: 28 Mar 2025 12:47

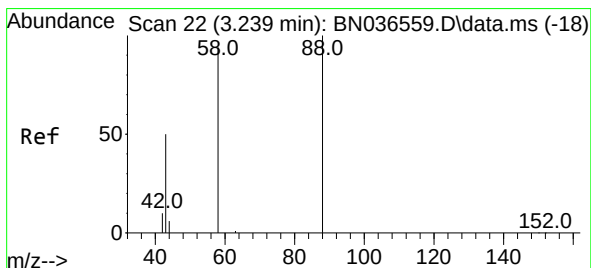
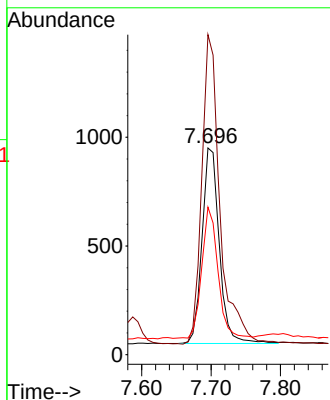
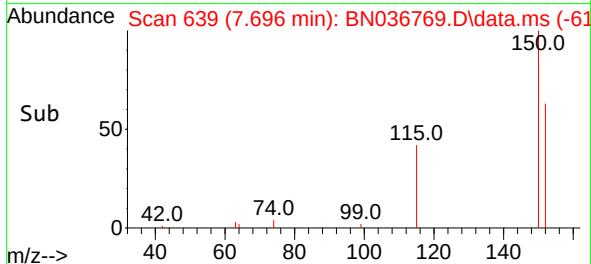
Instrument :
 BNA_N
 ClientSampleId :
 TT188S1-20250320MS



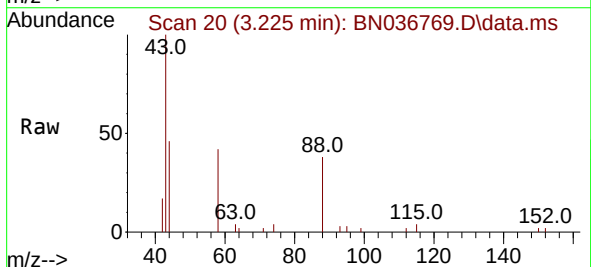
Tgt Ion: 152 Resp: 154
 Ion Ratio Lower Upper
 152 100
 150 154.8 123.7 185.5
 115 71.4 54.3 81.5

Manual Integrations
 APPROVED

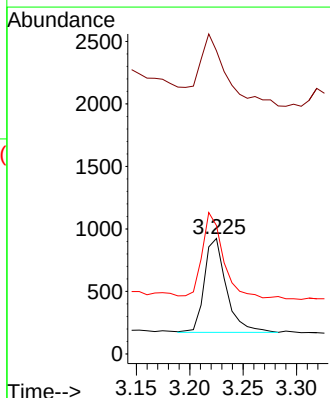
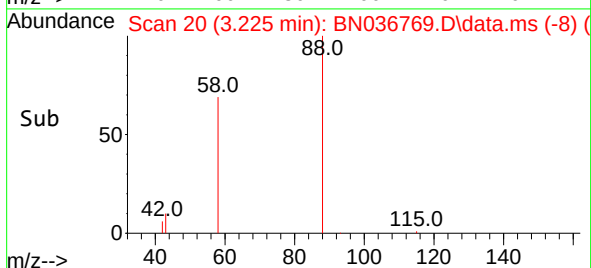
Reviewed By :Anahy Claudio 03/31/2025
 Supervised By :Jagrut Upadhyay 04/01/2025

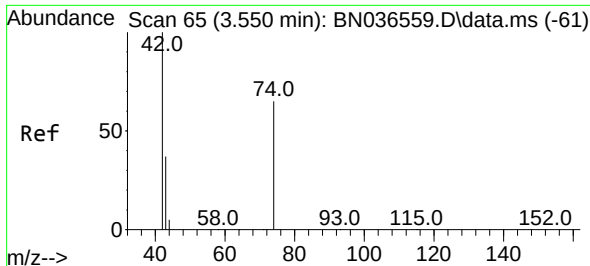


#2
 1,4-Dioxane
 Concen: 0.627 ng
 RT: 3.225 min Scan# 20
 Delta R.T. -0.014 min
 Lab File: BN036769.D
 Acq: 28 Mar 2025 12:47



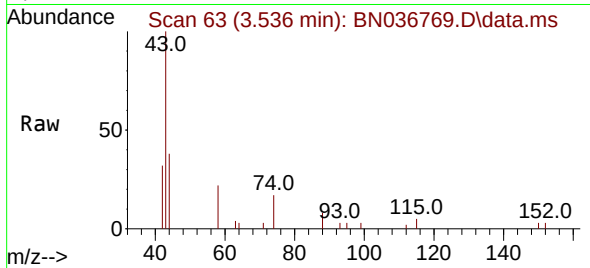
Tgt Ion: 88 Resp: 1076
 Ion Ratio Lower Upper
 88 100
 43 94.3 37.8 56.8#
 58 91.4 67.4 101.2





#3
n-Nitrosodimethylamine
Concen: 0.199 ng
RT: 3.536 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN036769.D
Acq: 28 Mar 2025 12:47

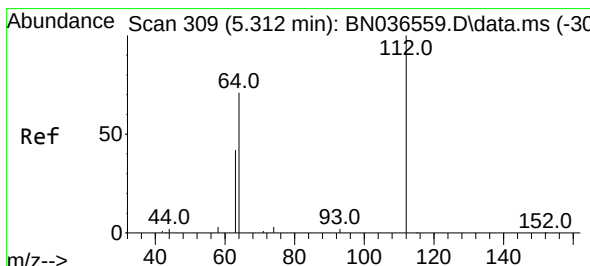
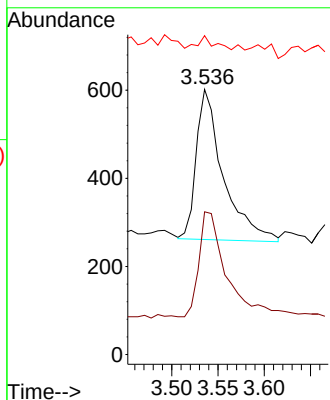
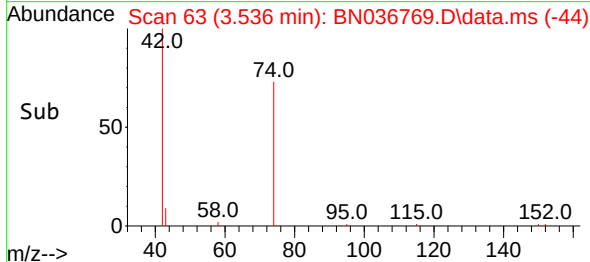
Instrument :
BNA_N
ClientSampleId :
TT188S1-20250320MS



Tgt Ion: 42 Resp: 692
Ion Ratio Lower Upper
42 100
74 73.3 60.6 90.8
44 5.2 6.3 9.5

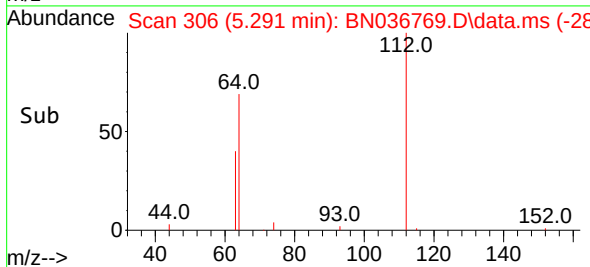
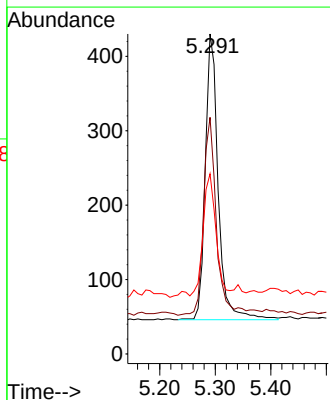
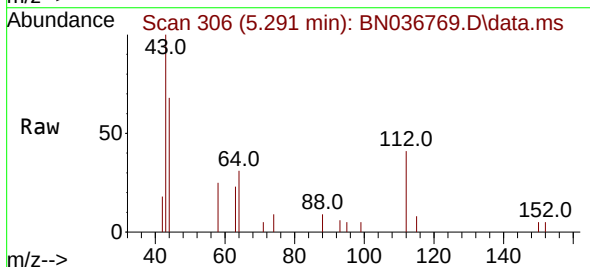
Manual Integrations
APPROVED

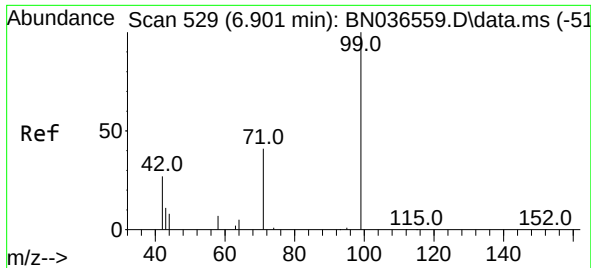
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#4
2-Fluorophenol
Concen: 0.172 ng
RT: 5.291 min Scan# 306
Delta R.T. -0.022 min
Lab File: BN036769.D
Acq: 28 Mar 2025 12:47

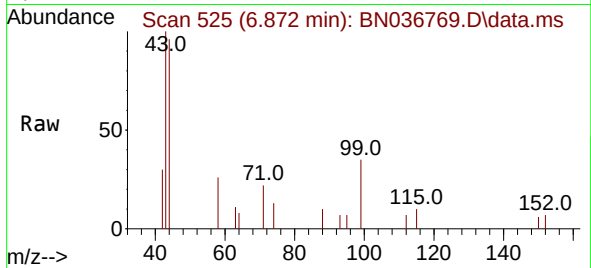
Tgt Ion:112 Resp: 621
Ion Ratio Lower Upper
112 100
64 70.4 53.1 79.7
63 42.4 31.8 47.8





#5
Phenol-d6
Concen: 0.104 ng
RT: 6.872 min Scan# 51
Delta R.T. -0.029 min
Lab File: BN036769.D
Acq: 28 Mar 2025 12:47

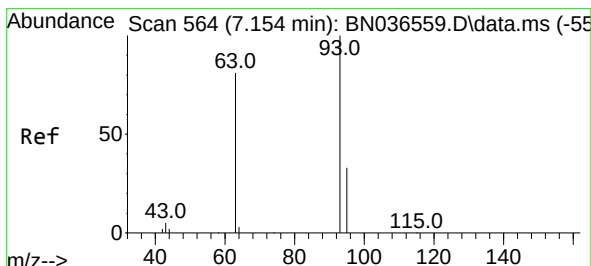
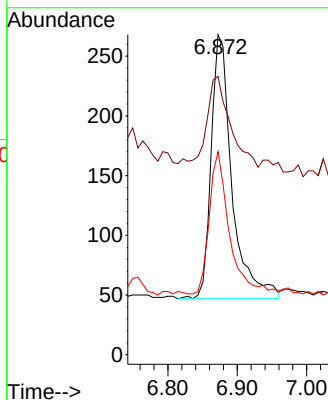
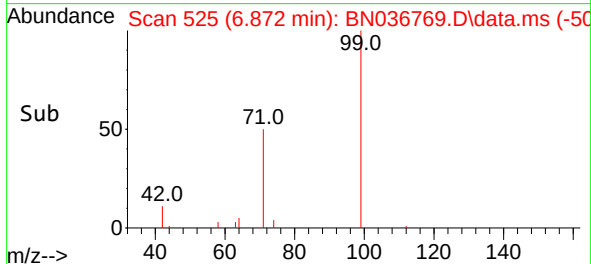
Instrument :
BNA_N
ClientSampleId :
TT188S1-20250320MS



Tgt Ion: 99 Resp: 46
Ion Ratio Lower Upper
99 100
42 38.0 26.5 39.7
71 52.7 34.1 51.1

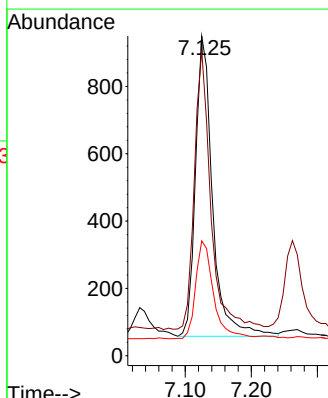
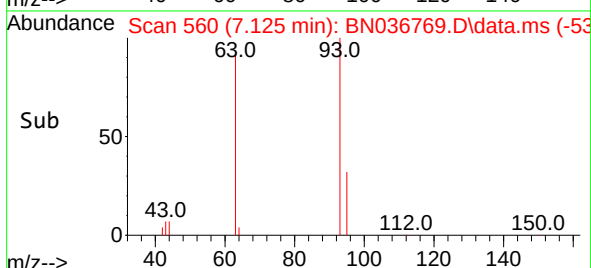
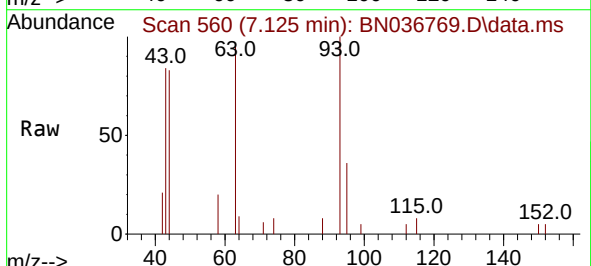
Manual Integrations
APPROVED

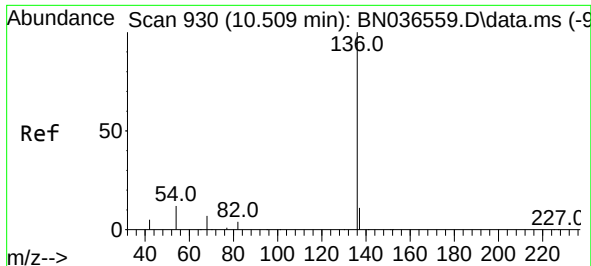
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#6
bis(2-Chloroethyl)ether
Concen: 0.349 ng
RT: 7.125 min Scan# 560
Delta R.T. -0.029 min
Lab File: BN036769.D
Acq: 28 Mar 2025 12:47

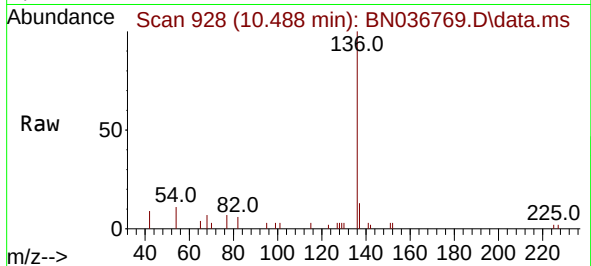
Tgt Ion: 93 Resp: 1606
Ion Ratio Lower Upper
93 100
63 88.9 67.7 101.5
95 34.0 25.6 38.4





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.488 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN036769.D
Acq: 28 Mar 2025 12:47

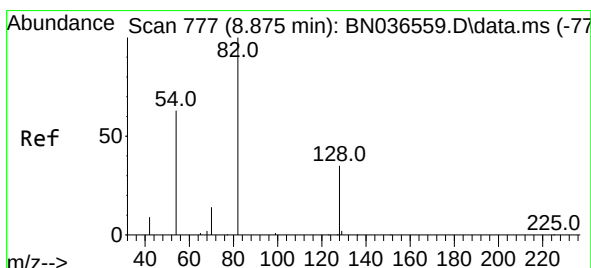
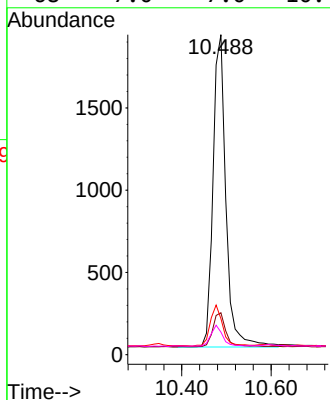
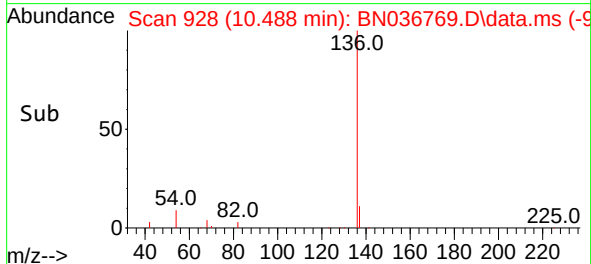
Instrument :
BNA_N
ClientSampleId :
TT188S1-20250320MS



Tgt Ion:136 Resp: 3800
Ion Ratio Lower Upper
136 100
137 13.1 10.3 15.5
54 11.3 11.5 17.3
68 7.0 7.0 10.4

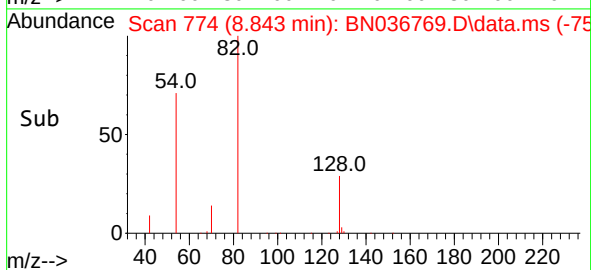
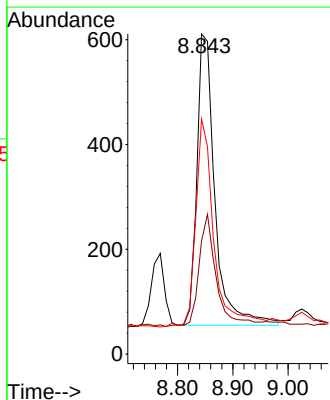
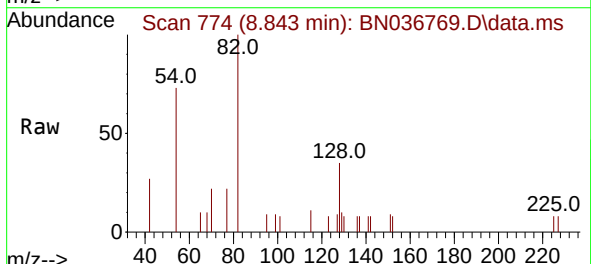
Manual Integrations
APPROVED

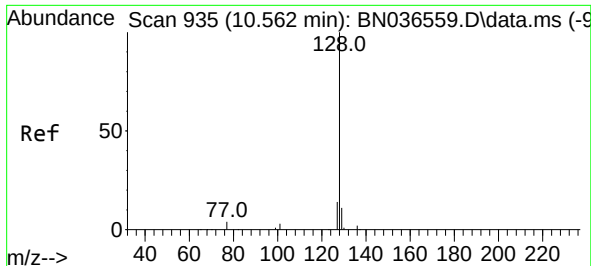
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#8
Nitrobenzene-d5
Concen: 0.307 ng
RT: 8.843 min Scan# 774
Delta R.T. -0.032 min
Lab File: BN036769.D
Acq: 28 Mar 2025 12:47

Tgt Ion: 82 Resp: 1270
Ion Ratio Lower Upper
82 100
128 35.4 30.6 45.8
54 73.5 52.2 78.4





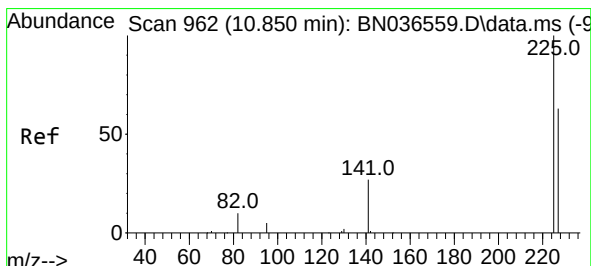
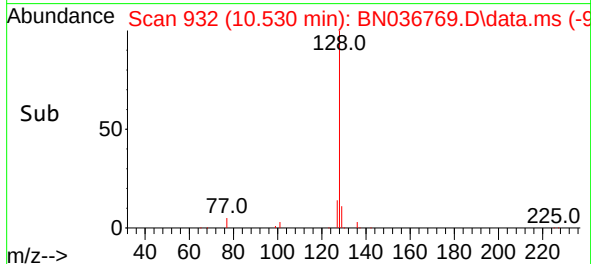
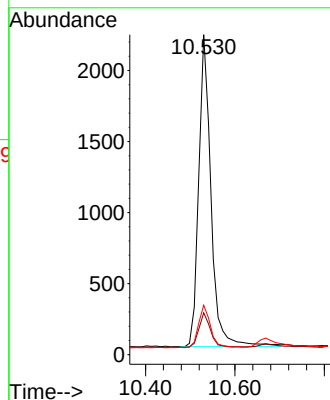
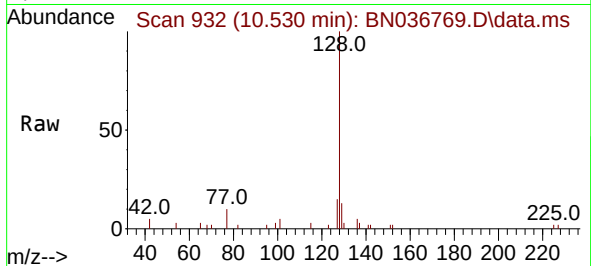
#9
Naphthalene
Concen: 0.377 ng
RT: 10.530 min Scan# 912
Delta R.T. -0.032 min
Lab File: BN036769.D
Acq: 28 Mar 2025 12:47

Instrument :
BNA_N
ClientSampleId :
TT188S1-20250320MS

Tgt Ion:128 Resp: 421
Ion Ratio Lower Upper
128 100
129 13.1 9.8 14.6
127 15.5 11.8 17.8

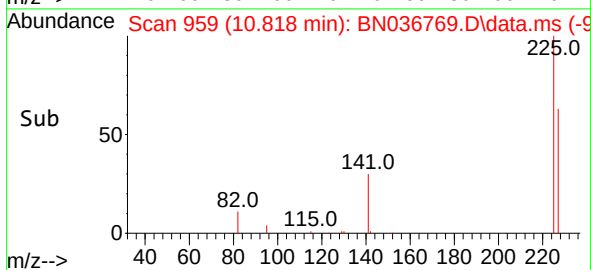
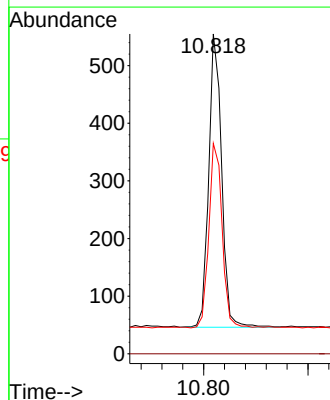
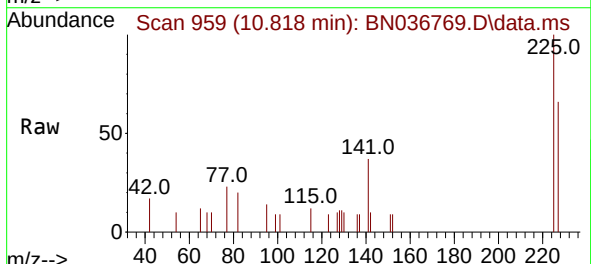
Manual Integrations
APPROVED

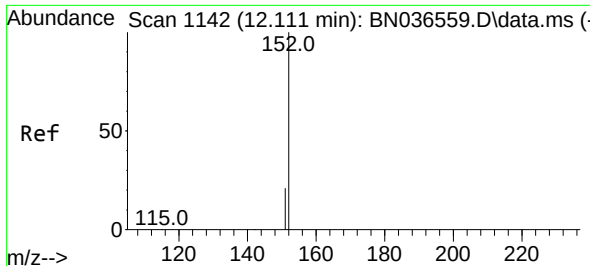
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#10
Hexachlorobutadiene
Concen: 0.332 ng
RT: 10.818 min Scan# 959
Delta R.T. -0.032 min
Lab File: BN036769.D
Acq: 28 Mar 2025 12:47

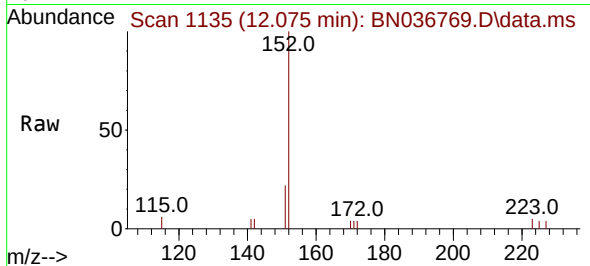
Tgt Ion:225 Resp: 873
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 65.2 51.8 77.8





#11
2-Methylnaphthalene-d10
Concen: 0.379 ng m
RT: 12.075 min Scan# 1142
Delta R.T. -0.035 min
Lab File: BN036769.D
Acq: 28 Mar 2025 12:47

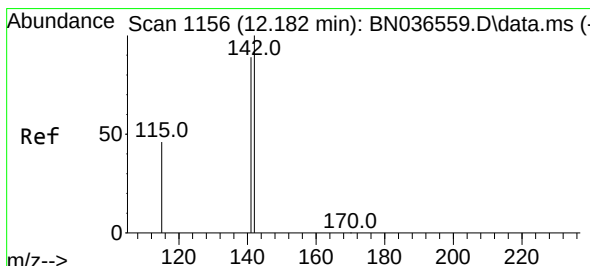
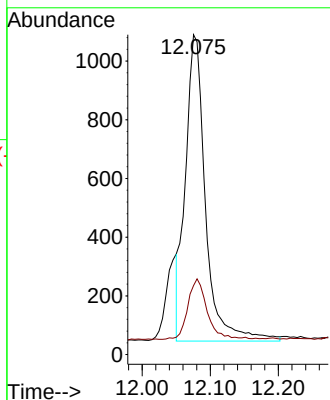
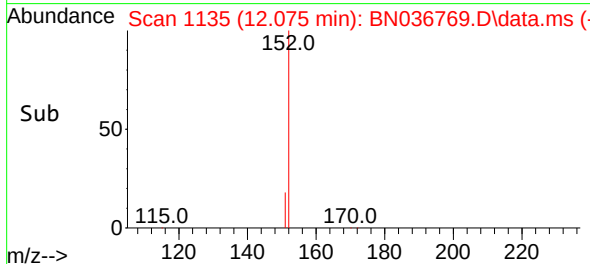
Instrument :
BNA_N
ClientSampleId :
TT188S1-20250320MS



Tgt Ion:152 Resp: 214
Ion Ratio Lower Upper
152 100
151 19.0 17.0 25.6

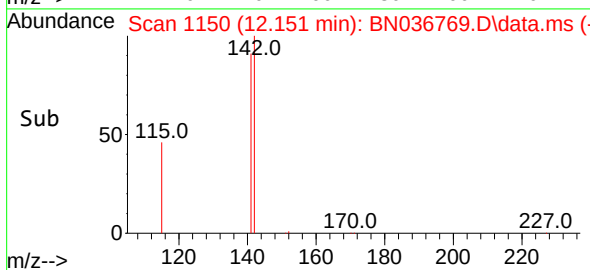
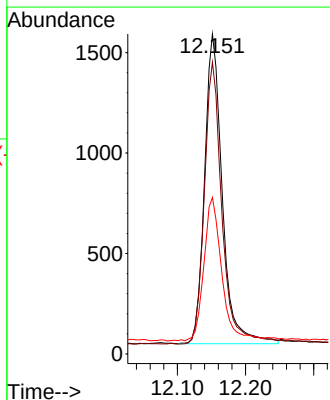
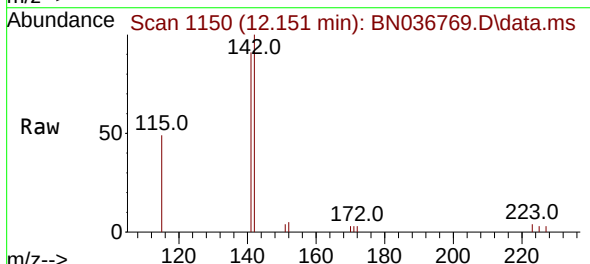
Manual Integrations
APPROVED

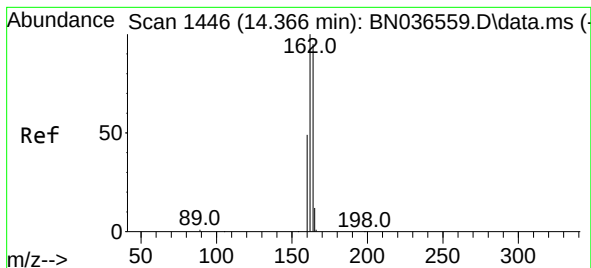
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#12
2-Methylnaphthalene
Concen: 0.392 ng
RT: 12.151 min Scan# 1150
Delta R.T. -0.030 min
Lab File: BN036769.D
Acq: 28 Mar 2025 12:47

Tgt Ion:142 Resp: 2787
Ion Ratio Lower Upper
142 100
141 91.1 71.7 107.5
115 48.9 38.3 57.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.334 min Scan# 1443

Delta R.T. -0.032 min

Lab File: BN036769.D

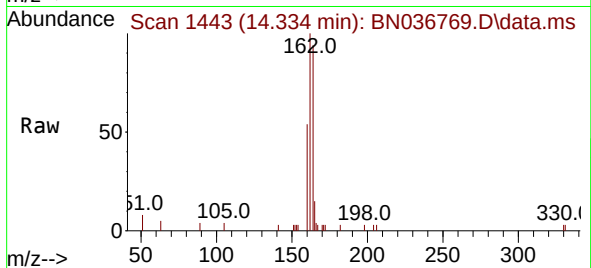
Acq: 28 Mar 2025 12:47

Instrument :

BNA_N

ClientSampleId :

TT188S1-20250320MS



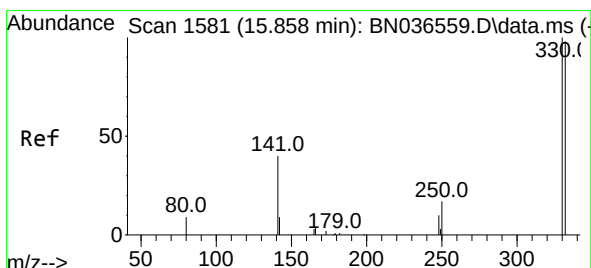
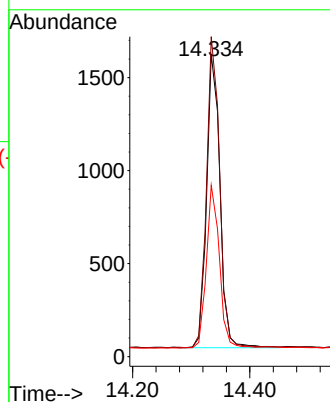
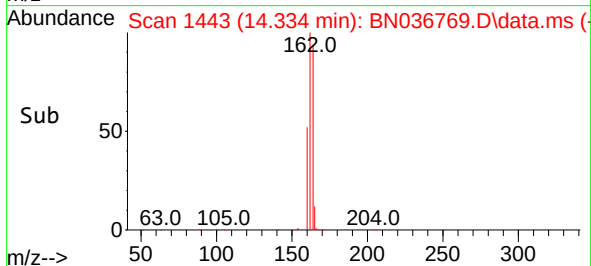
Tgt Ion:	164	Resp:	2504
Ion Ratio	100	Lower	Upper
164	100		
162	105.8	84.2	126.2
160	56.7	42.2	63.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/31/2025

Supervised By :Jagrut Upadhyay 04/01/2025



#14

2,4,6-Tribromophenol

Concen: 0.440 ng

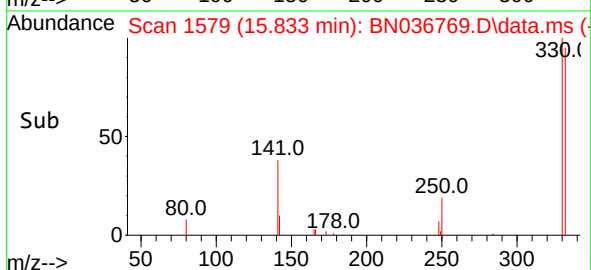
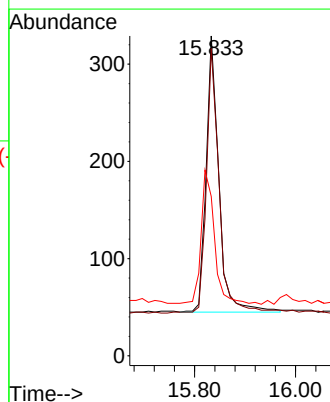
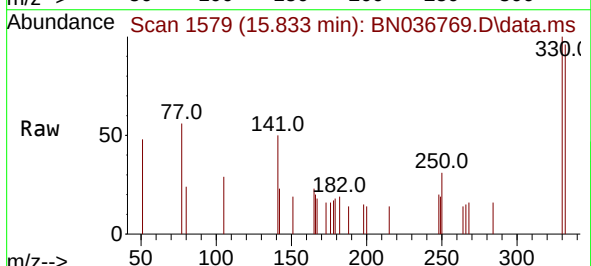
RT: 15.833 min Scan# 1579

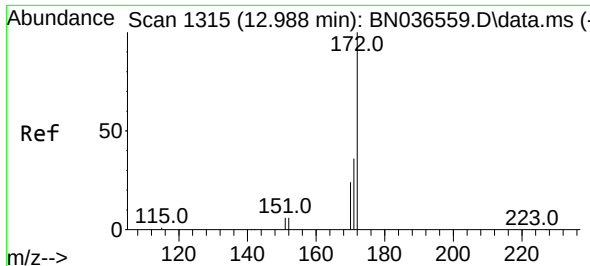
Delta R.T. -0.025 min

Lab File: BN036769.D

Acq: 28 Mar 2025 12:47

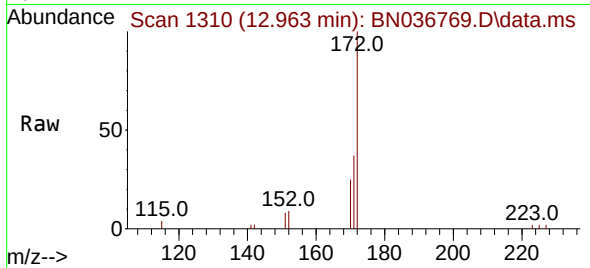
Tgt Ion:	330	Resp:	500
Ion Ratio	100	Lower	Upper
330	100		
332	95.4	75.2	112.8
141	51.0	43.4	65.2





#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 12.963 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036769.D
Acq: 28 Mar 2025 12:47

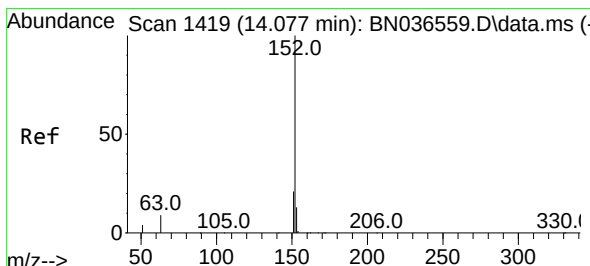
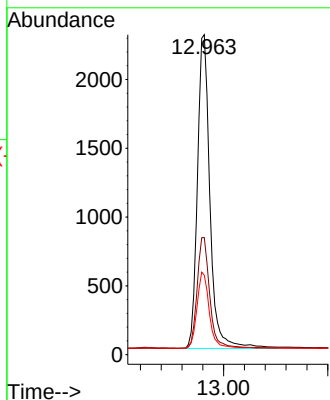
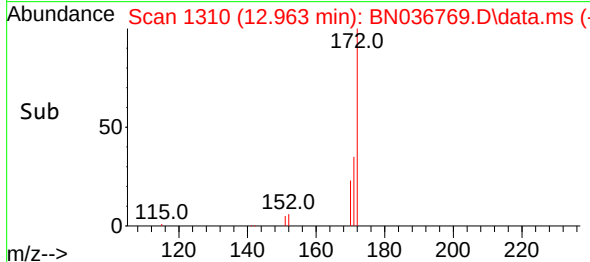
Instrument :
BNA_N
ClientSampleId :
TT188S1-20250320MS



Tgt Ion:172 Resp: 508
Ion Ratio Lower Upper
172 100
171 36.6 29.5 44.3
170 24.8 20.2 30.4

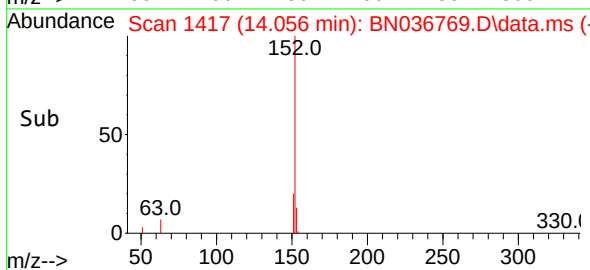
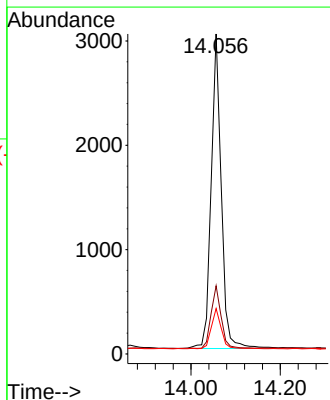
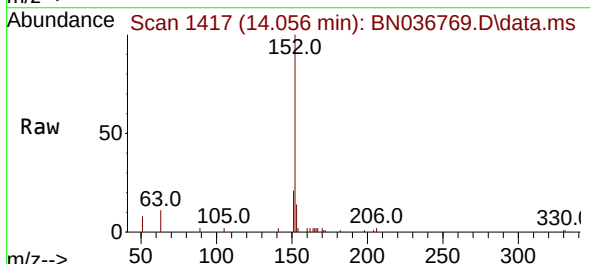
Manual Integrations
APPROVED

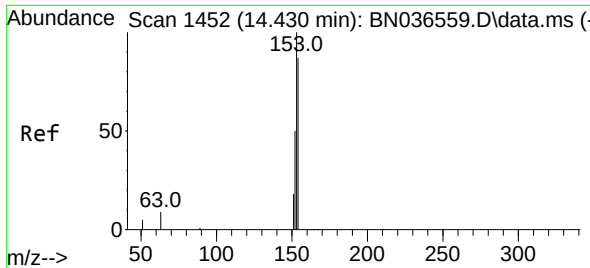
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#16
Acenaphthylene
Concen: 0.400 ng
RT: 14.056 min Scan# 1417
Delta R.T. -0.021 min
Lab File: BN036769.D
Acq: 28 Mar 2025 12:47

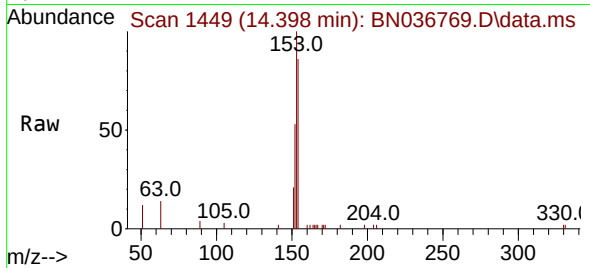
Tgt Ion:152 Resp: 4729
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.4
153 13.0 10.6 15.8





#17
Acenaphthene
Concen: 0.395 ng
RT: 14.398 min Scan# 1449
Delta R.T. -0.032 min
Lab File: BN036769.D
Acq: 28 Mar 2025 12:47

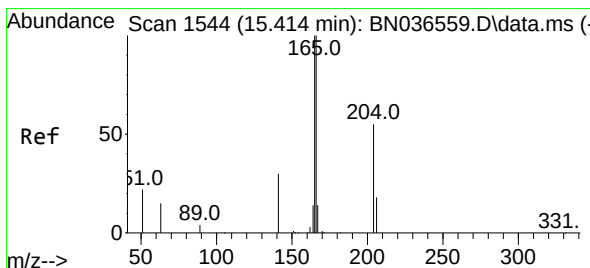
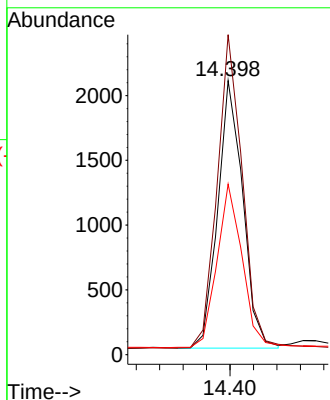
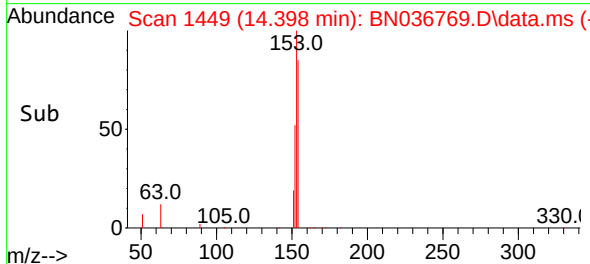
Instrument :
BNA_N
ClientSampleId :
TT188S1-20250320MS



Tgt Ion:154 Resp: 305
Ion Ratio Lower Upper
154 100
153 120.2 94.1 141.1
152 62.7 49.8 74.6

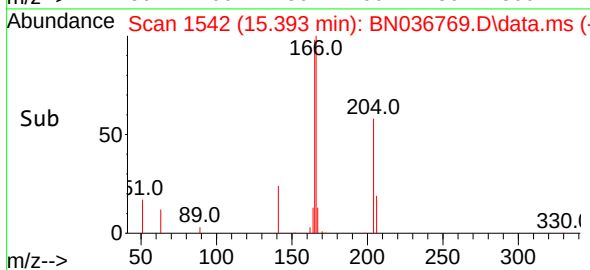
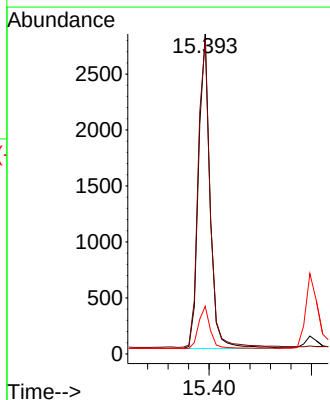
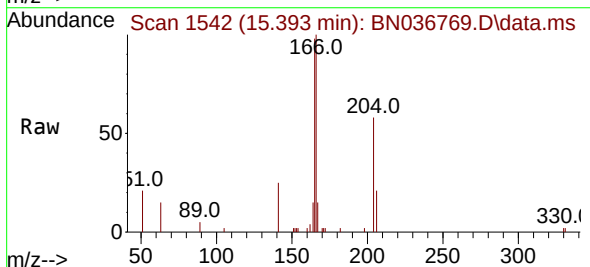
Manual Integrations
APPROVED

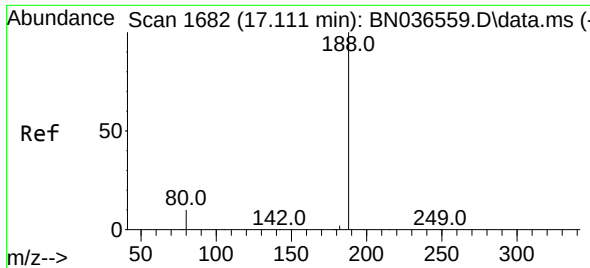
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#18
Fluorene
Concen: 0.429 ng
RT: 15.393 min Scan# 1542
Delta R.T. -0.021 min
Lab File: BN036769.D
Acq: 28 Mar 2025 12:47

Tgt Ion:166 Resp: 4486
Ion Ratio Lower Upper
166 100
165 101.2 79.8 119.8
167 13.8 10.6 15.8





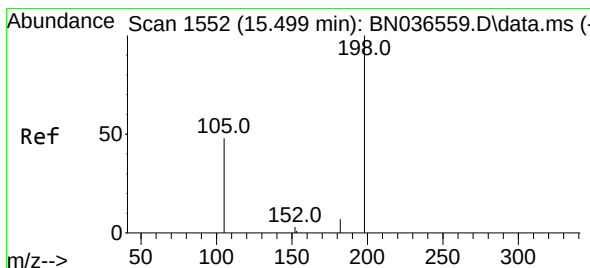
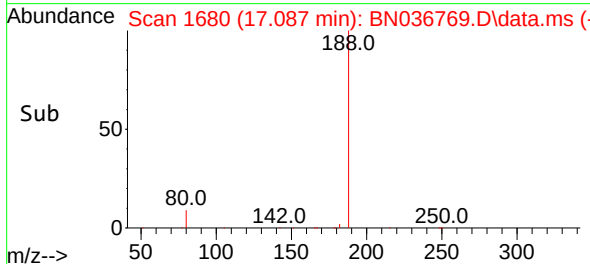
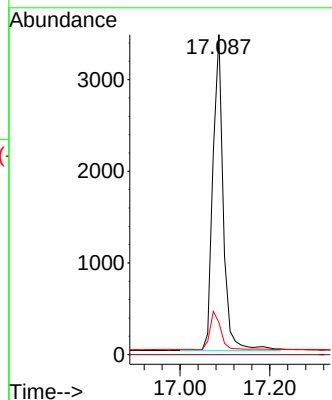
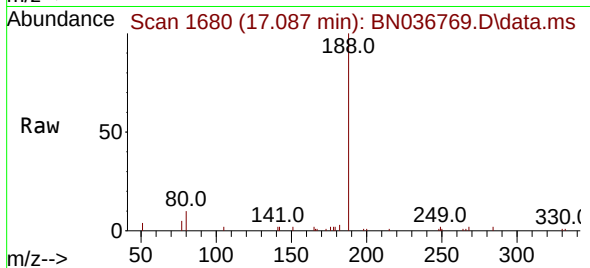
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036769.D
Acq: 28 Mar 2025 12:47

Instrument :
BNA_N
ClientSampleId :
TT188S1-20250320MS

Tgt Ion:188 Resp: 5519
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 8.8 13.2

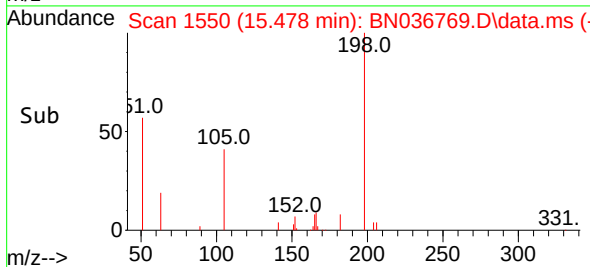
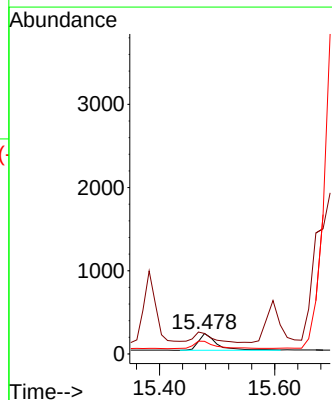
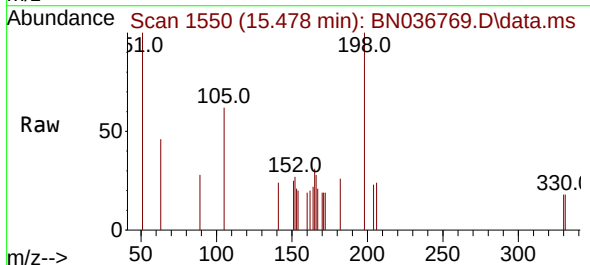
Manual Integrations
APPROVED

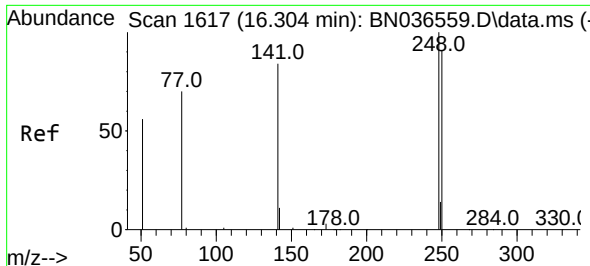
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#20
4,6-Dinitro-2-methylphenol
Concen: 0.472 ng
RT: 15.478 min Scan# 1550
Delta R.T. -0.021 min
Lab File: BN036769.D
Acq: 28 Mar 2025 12:47

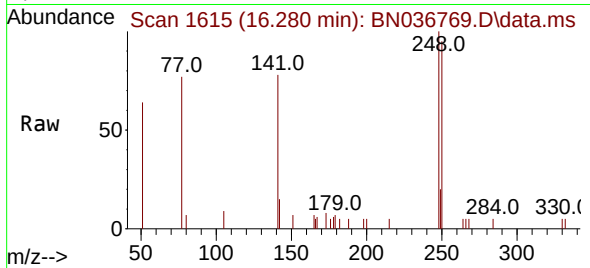
Tgt Ion:198 Resp: 460
Ion Ratio Lower Upper
198 100
51 100.0 107.9 161.9#
105 61.5 56.2 84.2





#21
4-Bromophenyl-phenylether
Concen: 0.415 ng
RT: 16.280 min Scan# 1615
Delta R.T. -0.025 min
Lab File: BN036769.D
Acq: 28 Mar 2025 12:47

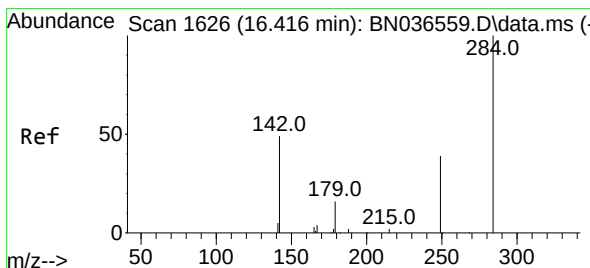
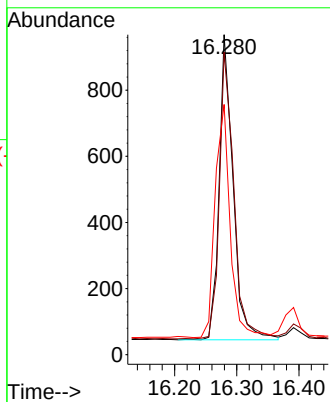
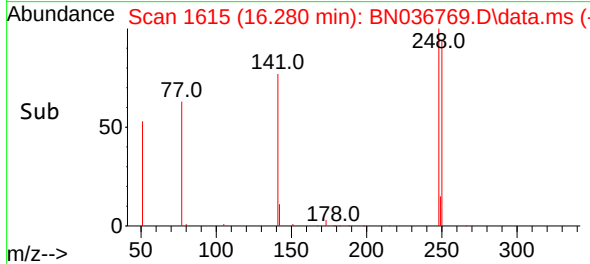
Instrument :
BNA_N
ClientSampleId :
TT188S1-20250320MS



Tgt Ion:248 Resp: 1430
Ion Ratio Lower Upper
248 100
250 94.5 73.0 109.6
141 78.2 68.6 103.0

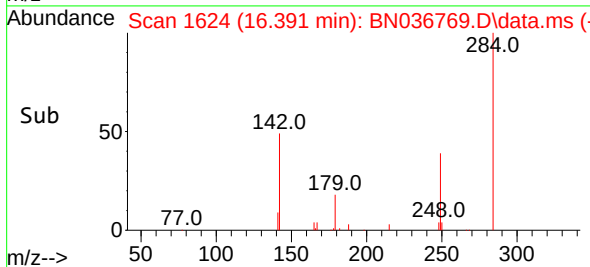
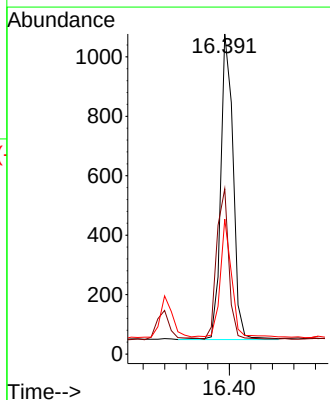
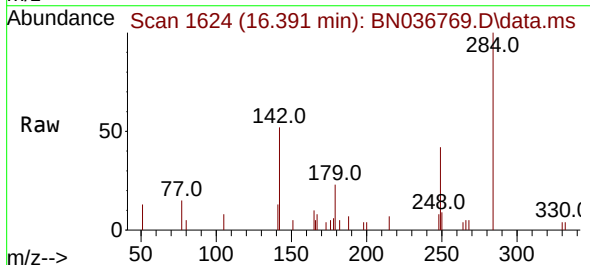
Manual Integrations
APPROVED

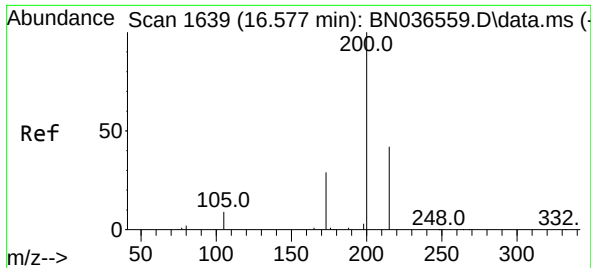
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#22
Hexachlorobenzene
Concen: 0.395 ng
RT: 16.391 min Scan# 1624
Delta R.T. -0.025 min
Lab File: BN036769.D
Acq: 28 Mar 2025 12:47

Tgt Ion:284 Resp: 1647
Ion Ratio Lower Upper
284 100
142 48.1 37.0 55.4
249 36.3 28.1 42.1





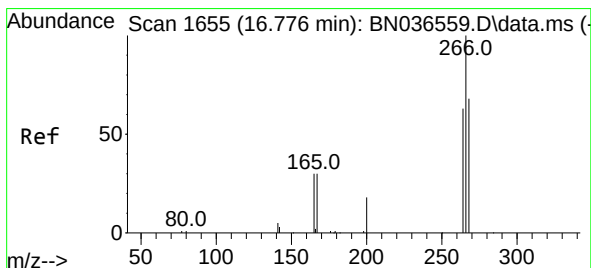
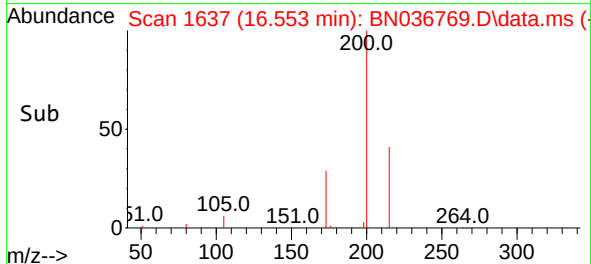
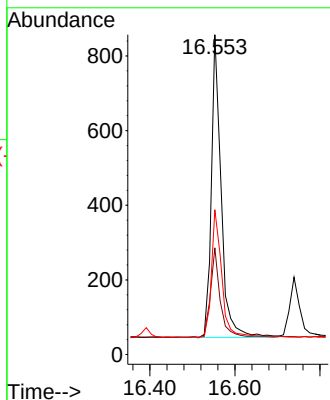
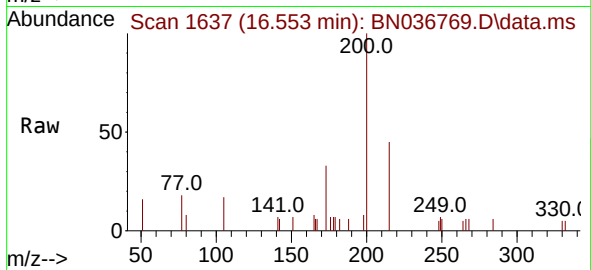
#23
Atrazine
Concen: 0.467 ng
RT: 16.553 min Scan# 1637
Delta R.T. -0.025 min
Lab File: BN036769.D
Acq: 28 Mar 2025 12:47

Instrument :
BNA_N
ClientSampleId :
TT188S1-20250320MS

Tgt Ion:200 Resp: 1290
Ion Ratio Lower Upper
200 100
173 33.4 27.3 40.9
215 45.3 36.8 55.2

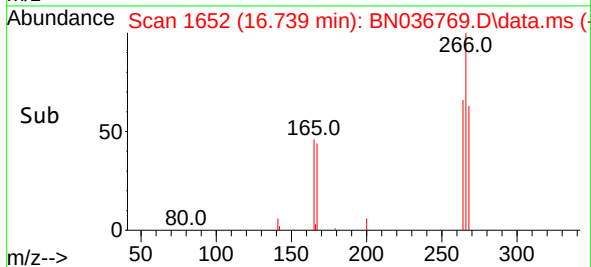
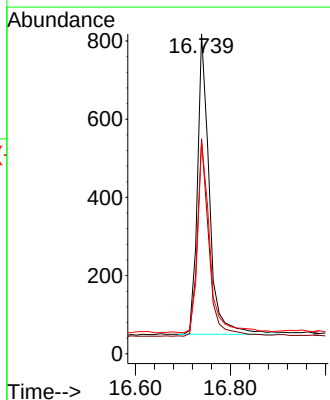
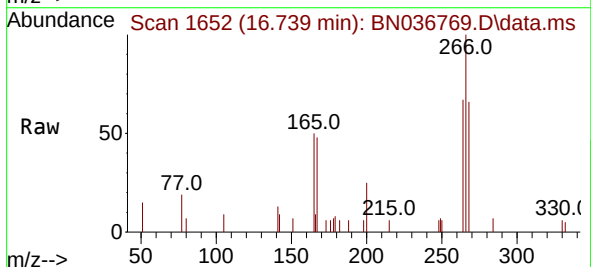
Manual Integrations
APPROVED

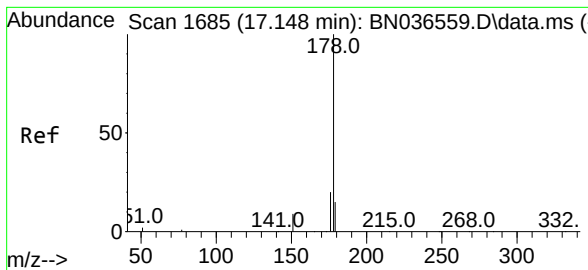
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#24
Pentachlorophenol
Concen: 0.703 ng
RT: 16.739 min Scan# 1652
Delta R.T. -0.037 min
Lab File: BN036769.D
Acq: 28 Mar 2025 12:47

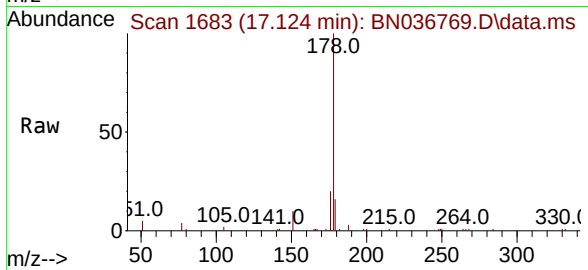
Tgt Ion:266 Resp: 1338
Ion Ratio Lower Upper
266 100
264 63.8 49.6 74.4
268 65.2 50.9 76.3





#25
 Phenanthrene
 Concen: 0.442 ng
 RT: 17.124 min Scan# 1683
 Delta R.T. -0.025 min
 Lab File: BN036769.D
 Acq: 28 Mar 2025 12:47

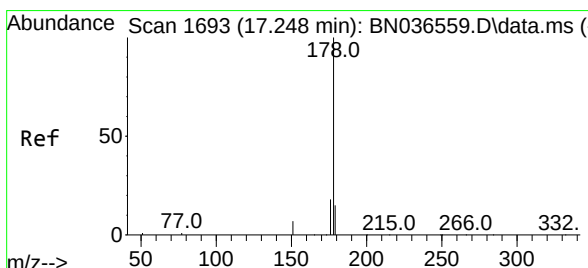
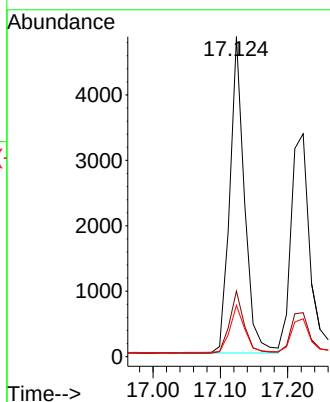
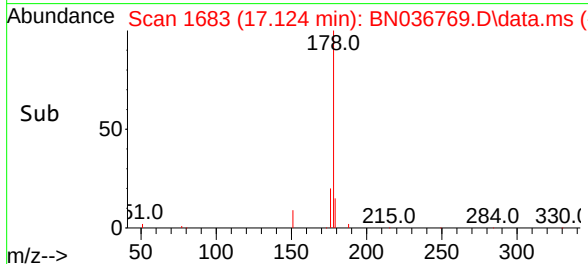
Instrument :
 BNA_N
 ClientSampleId :
 TT188S1-20250320MS



Tgt Ion:178 Resp: 7310
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.6 12.2 18.4

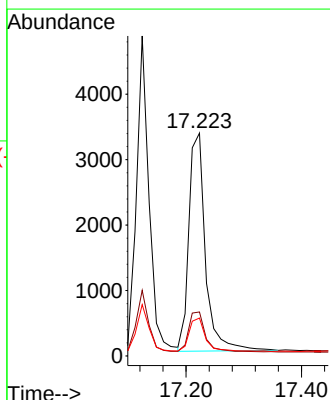
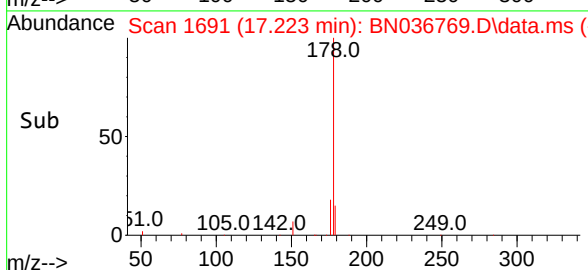
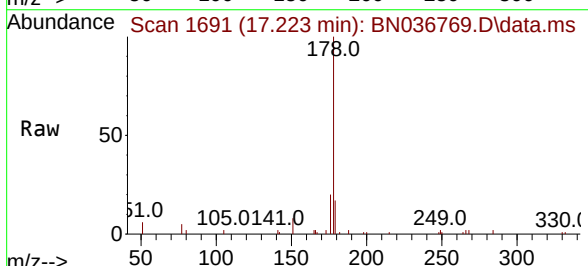
Manual Integrations
 APPROVED

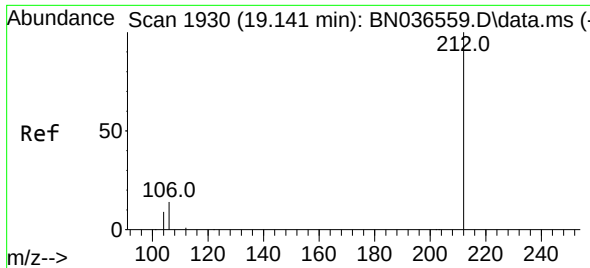
Reviewed By :Anahy Claudio 03/31/2025
 Supervised By :Jagrut Upadhyay 04/01/2025



#26
 Anthracene
 Concen: 0.446 ng
 RT: 17.223 min Scan# 1691
 Delta R.T. -0.025 min
 Lab File: BN036769.D
 Acq: 28 Mar 2025 12:47

Tgt Ion:178 Resp: 6668
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.1 12.6 18.8





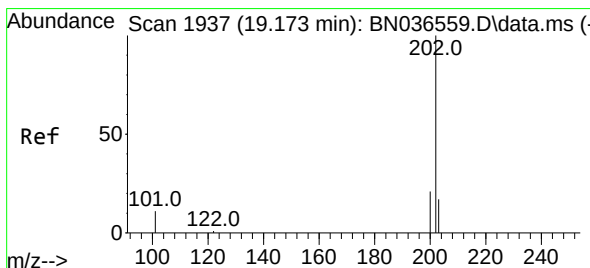
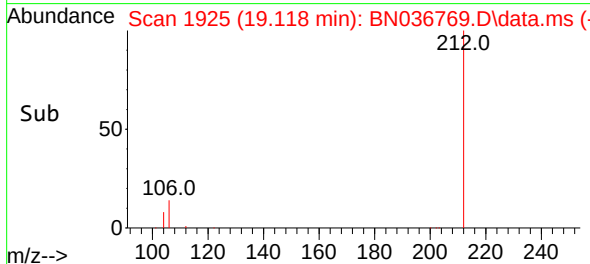
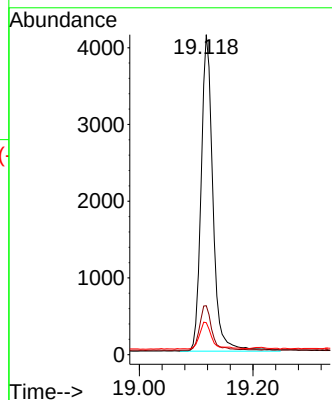
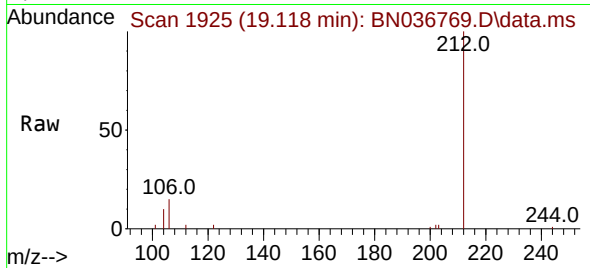
#27
Fluoranthene-d10
Concen: 0.420 ng
RT: 19.118 min Scan# 1930
Delta R.T. -0.023 min
Lab File: BN036769.D
Acq: 28 Mar 2025 12:47

Instrument :
BNA_N
ClientSampleId :
TT188S1-20250320MS

Tgt Ion:212 Resp: 5930
Ion Ratio Lower Upper
212 100
106 14.7 11.8 17.6
104 8.7 7.3 10.9

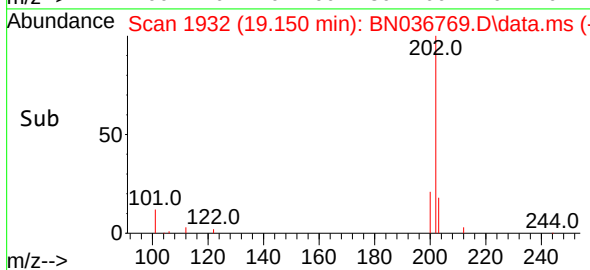
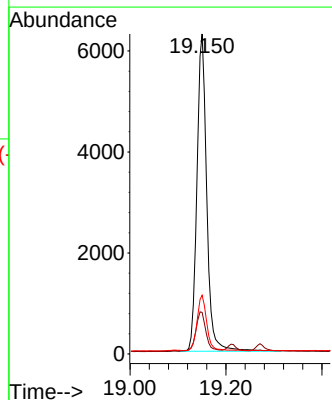
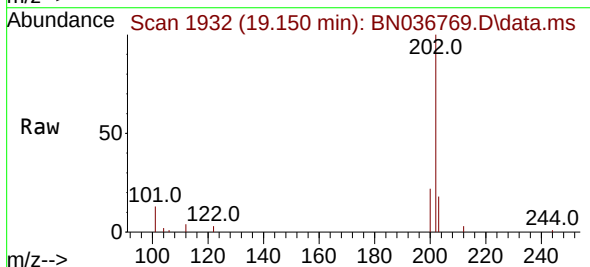
Manual Integrations
APPROVED

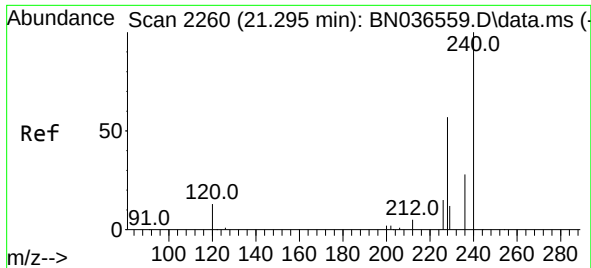
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#28
Fluoranthene
Concen: 0.483 ng
RT: 19.150 min Scan# 1932
Delta R.T. -0.023 min
Lab File: BN036769.D
Acq: 28 Mar 2025 12:47

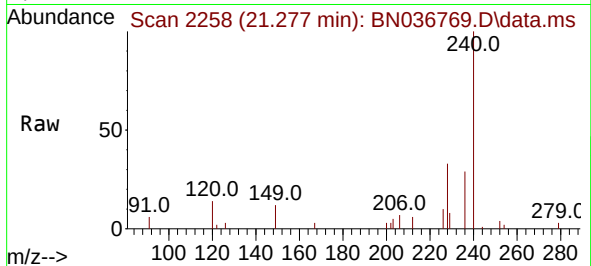
Tgt Ion:202 Resp: 8988
Ion Ratio Lower Upper
202 100
101 12.7 9.4 14.0
203 17.2 13.5 20.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2110
Delta R.T. -0.018 min
Lab File: BN036769.D
Acq: 28 Mar 2025 12:47

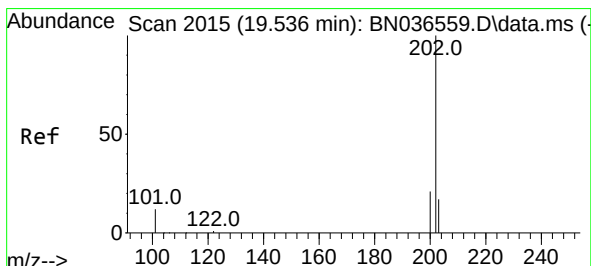
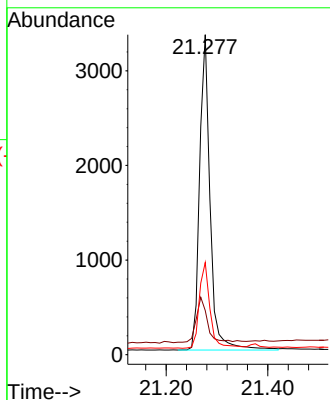
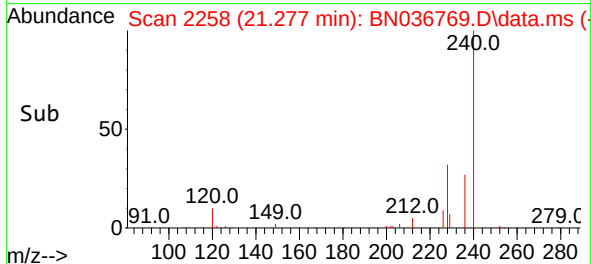
Instrument :
BNA_N
ClientSampleId :
TT188S1-20250320MS



Tgt Ion:240 Resp: 4772
Ion Ratio Lower Upper
240 100
120 13.8 14.6 22.0
236 28.8 24.1 36.1

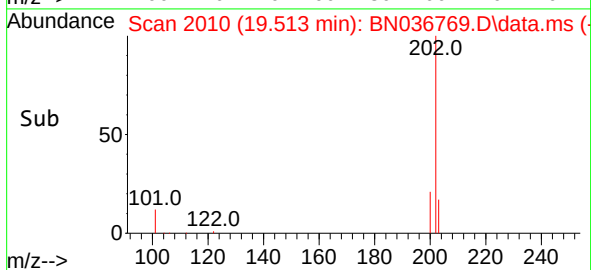
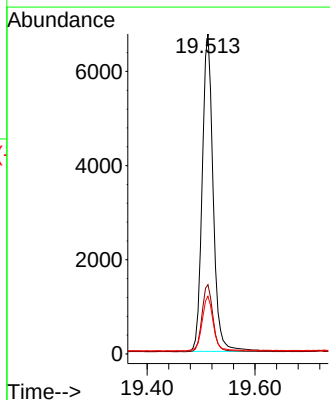
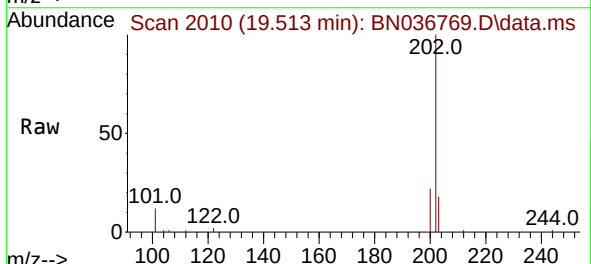
Manual Integrations
APPROVED

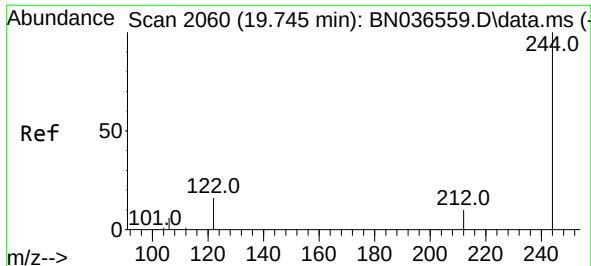
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#30
Pyrene
Concen: 0.407 ng
RT: 19.513 min Scan# 2010
Delta R.T. -0.023 min
Lab File: BN036769.D
Acq: 28 Mar 2025 12:47

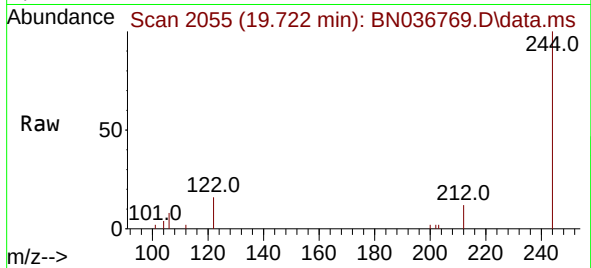
Tgt Ion:202 Resp: 9497
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.4 14.1 21.1





#31
 Terphenyl-d14
 Concen: 0.395 ng
 RT: 19.722 min Scan# 2055
 Delta R.T. -0.023 min
 Lab File: BN036769.D
 Acq: 28 Mar 2025 12:47

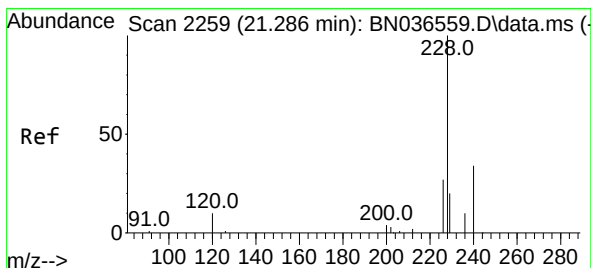
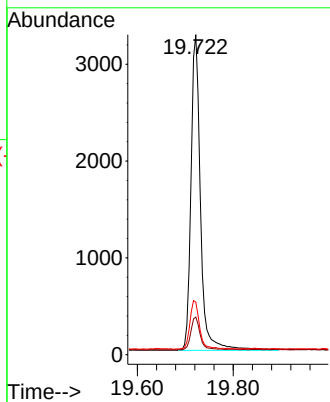
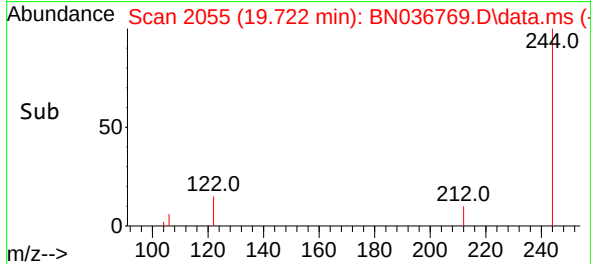
Instrument :
 BNA_N
 ClientSampleId :
 TT188S1-20250320MS



Tgt Ion:244 Resp: 452
 Ion Ratio Lower Upper
 244 100
 212 11.7 9.6 14.4
 122 16.5 13.9 20.9

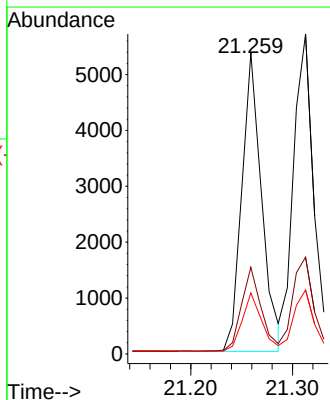
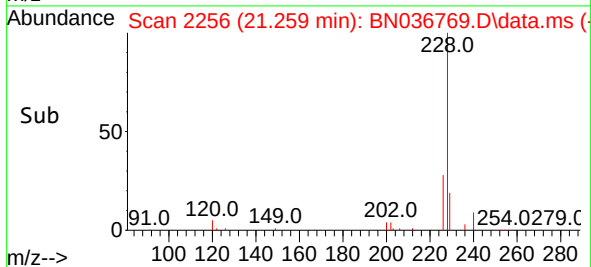
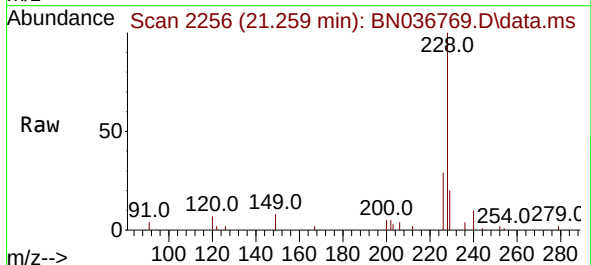
Manual Integrations
 APPROVED

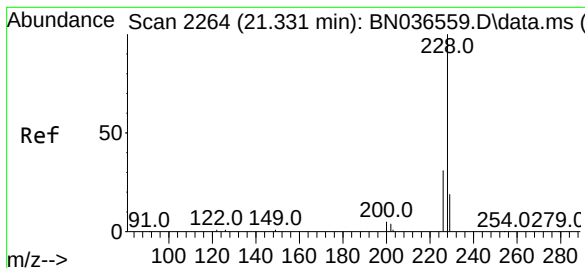
Reviewed By :Anahy Claudio 03/31/2025
 Supervised By :Jagrut Upadhyay 04/01/2025



#32
 Benzo(a)anthracene
 Concen: 0.437 ng
 RT: 21.259 min Scan# 2256
 Delta R.T. -0.027 min
 Lab File: BN036769.D
 Acq: 28 Mar 2025 12:47

Tgt Ion:228 Resp: 7243
 Ion Ratio Lower Upper
 228 100
 226 28.8 22.5 33.7
 229 20.2 16.6 25.0





#33

Chrysene

Concen: 0.456 ng

RT: 21.313 min Scan# 21

Delta R.T. -0.018 min

Lab File: BN036769.D

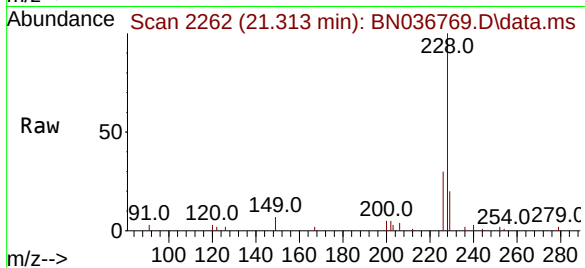
Acq: 28 Mar 2025 12:47

Instrument :

BNA_N

ClientSampleId :

TT188S1-20250320MS



Tgt Ion:228 Resp: 827

Ion Ratio Lower Upper

228 100

226 30.2 25.3 37.9

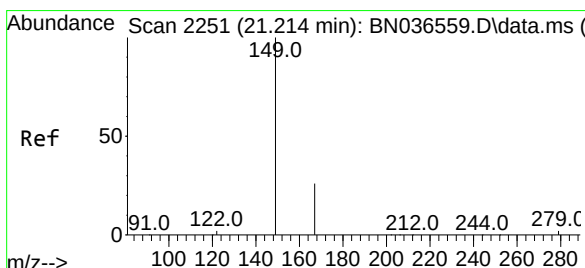
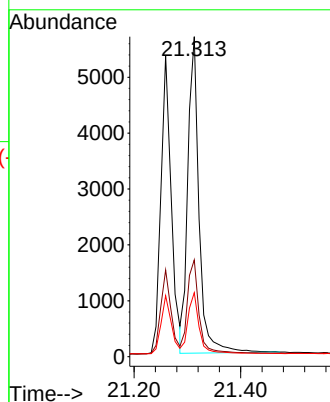
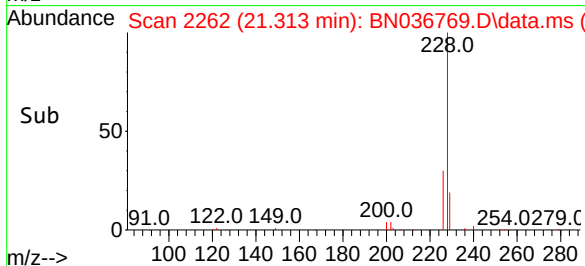
229 20.0 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/31/2025

Supervised By :Jagrut Upadhyay 04/01/2025



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.405 ng

RT: 21.196 min Scan# 2249

Delta R.T. -0.018 min

Lab File: BN036769.D

Acq: 28 Mar 2025 12:47

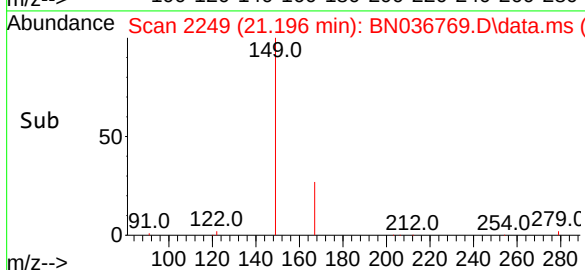
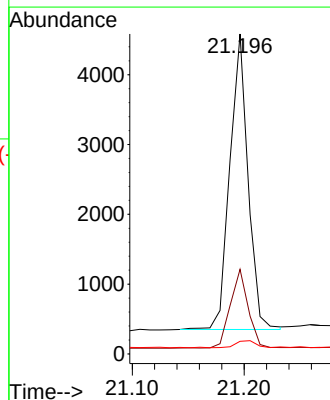
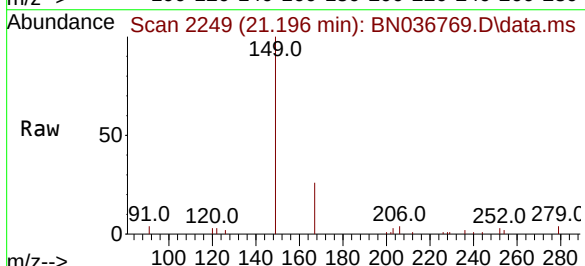
Tgt Ion:149 Resp: 4790

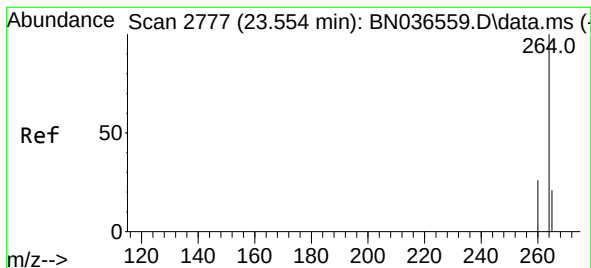
Ion Ratio Lower Upper

149 100

167 26.0 20.7 31.1

279 3.1 3.6 5.4#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.519 min Scan# 21

Delta R.T. -0.035 min

Lab File: BN036769.D

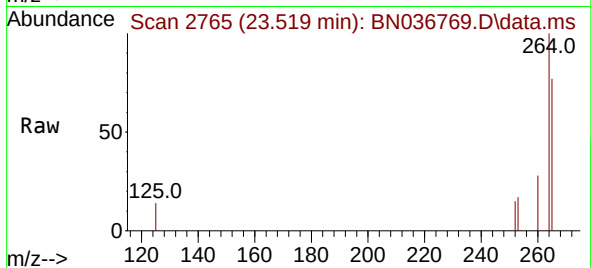
Acq: 28 Mar 2025 12:47

Instrument :

BNA_N

ClientSampleId :

TT188S1-20250320MS



Tgt Ion:264 Resp: 4200

Ion Ratio Lower Upper

264 100

260 27.7 22.6 33.8

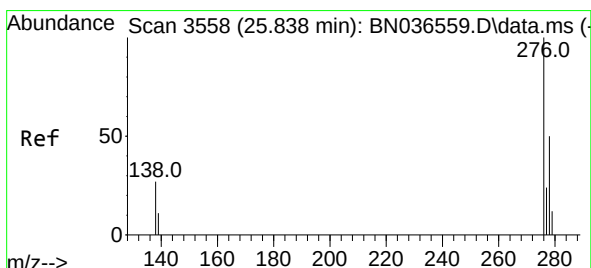
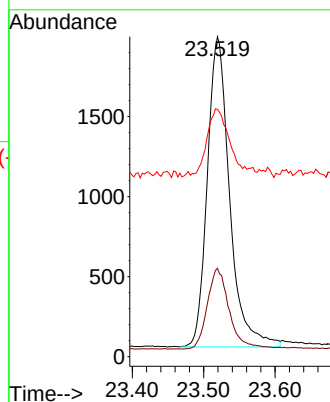
265 77.3 88.1 132.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/31/2025

Supervised By :Jagrut Upadhyay 04/01/2025



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.427 ng

RT: 25.785 min Scan# 3540

Delta R.T. -0.052 min

Lab File: BN036769.D

Acq: 28 Mar 2025 12:47

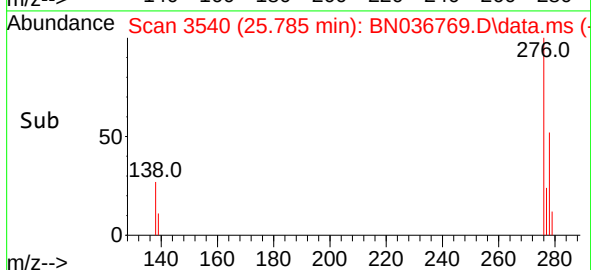
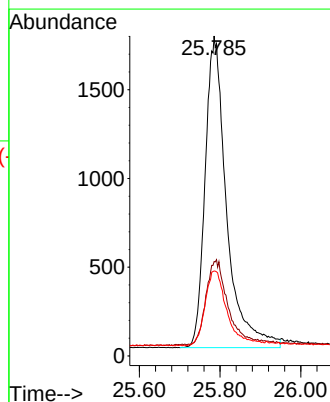
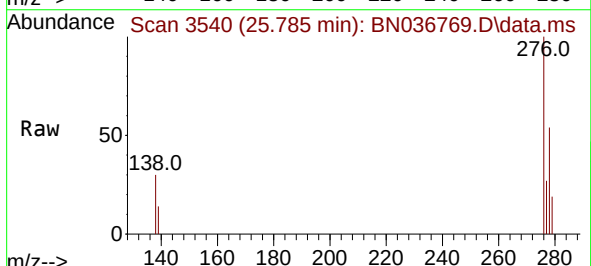
Tgt Ion:276 Resp: 6488

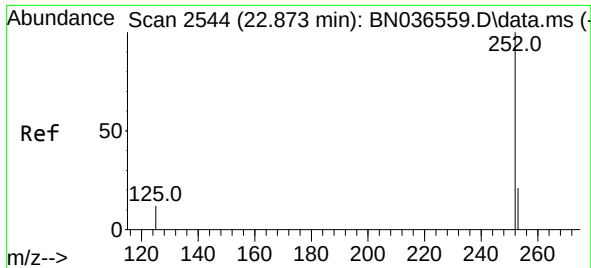
Ion Ratio Lower Upper

276 100

138 27.3 23.4 35.2

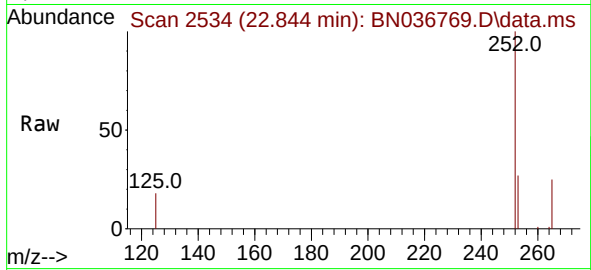
277 24.7 20.0 30.0





#37
Benzo(b)fluoranthene
Concen: 0.465 ng
RT: 22.844 min Scan# 2544
Delta R.T. -0.029 min
Lab File: BN036769.D
Acq: 28 Mar 2025 12:47

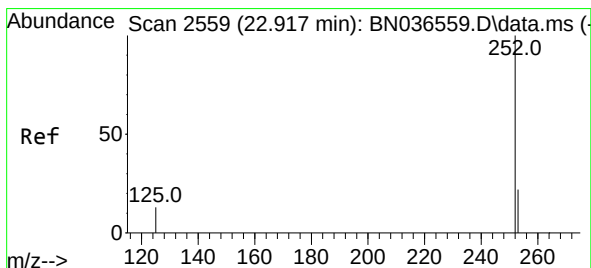
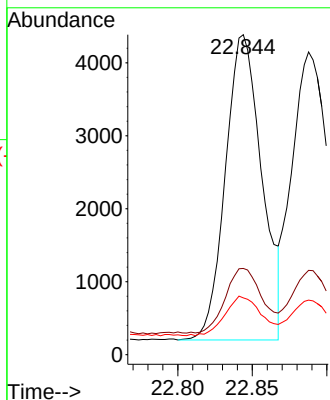
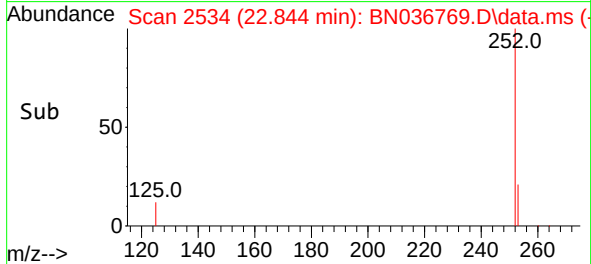
Instrument :
BNA_N
ClientSampleId :
TT188S1-20250320MS



Tgt Ion:252 Resp: 7114
Ion Ratio Lower Upper
252 100
253 26.9 23.9 35.9
125 17.8 17.4 26.2

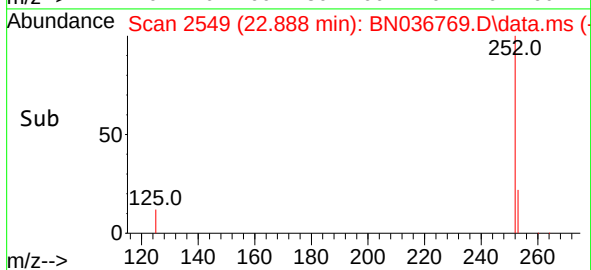
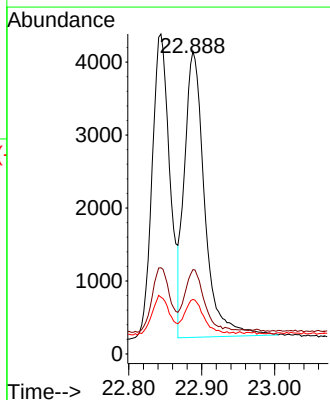
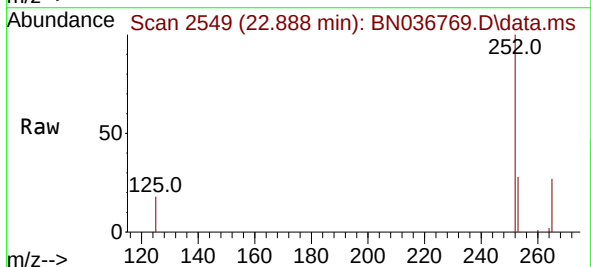
Manual Integrations
APPROVED

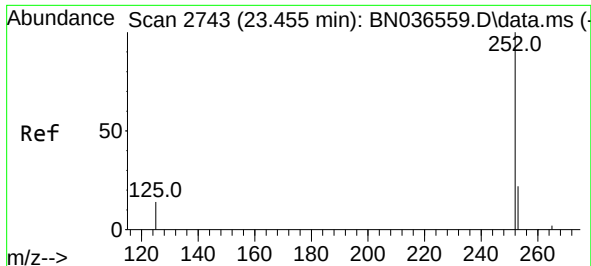
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#38
Benzo(k)fluoranthene
Concen: 0.470 ng
RT: 22.888 min Scan# 2549
Delta R.T. -0.029 min
Lab File: BN036769.D
Acq: 28 Mar 2025 12:47

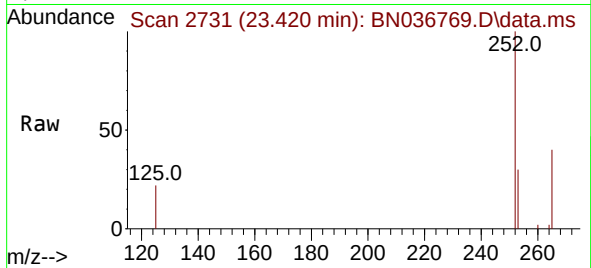
Tgt Ion:252 Resp: 7550
Ion Ratio Lower Upper
252 100
253 27.9 24.6 36.8
125 18.0 17.8 26.8





#39
Benzo(a)pyrene
Concen: 0.476 ng
RT: 23.420 min Scan# 21
Delta R.T. -0.035 min
Lab File: BN036769.D
Acq: 28 Mar 2025 12:47

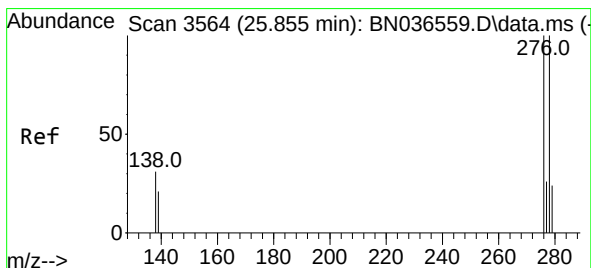
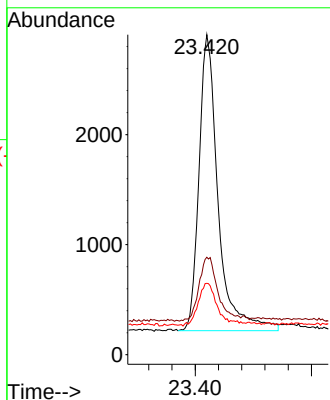
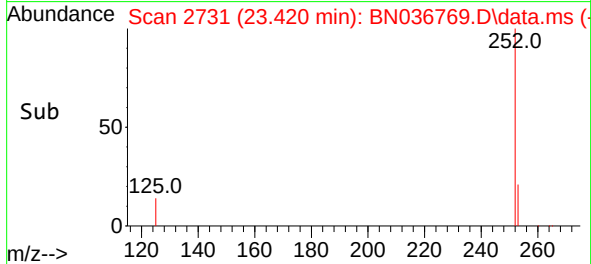
Instrument :
BNA_N
ClientSampleId :
TT188S1-20250320MS



Tgt Ion:252 Resp: 613
Ion Ratio Lower Upper
252 100
253 30.5 27.8 41.8
125 22.3 22.7 34.1

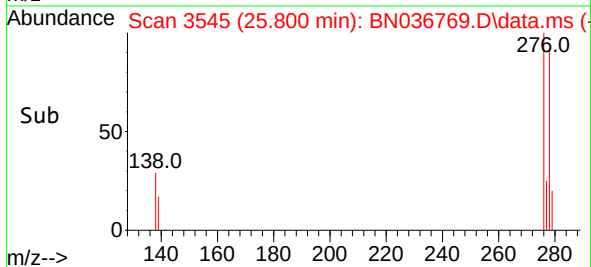
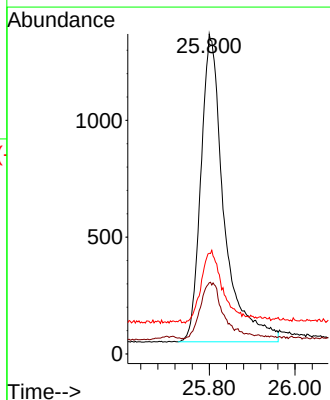
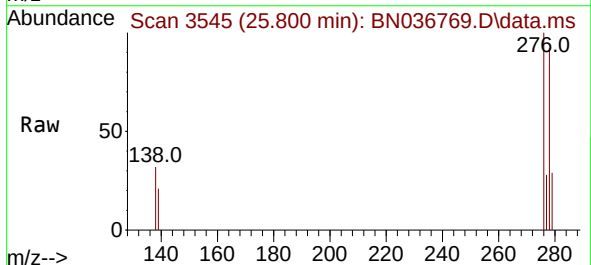
Manual Integrations
APPROVED

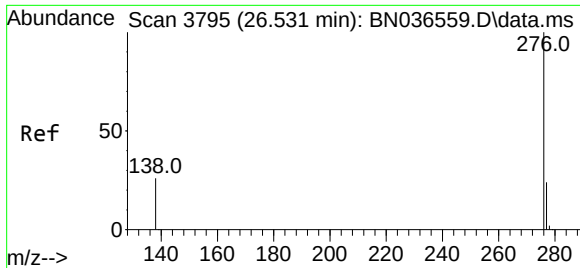
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#40
Dibenzo(a,h)anthracene
Concen: 0.418 ng
RT: 25.800 min Scan# 3545
Delta R.T. -0.055 min
Lab File: BN036769.D
Acq: 28 Mar 2025 12:47

Tgt Ion:278 Resp: 4935
Ion Ratio Lower Upper
278 100
139 22.3 20.8 31.2
279 31.5 28.8 43.2





#41

Benzo(g,h,i)perylene

Concen: 0.371 ng

RT: 26.475 min Scan# 31

Delta R.T. -0.055 min

Lab File: BN036769.D

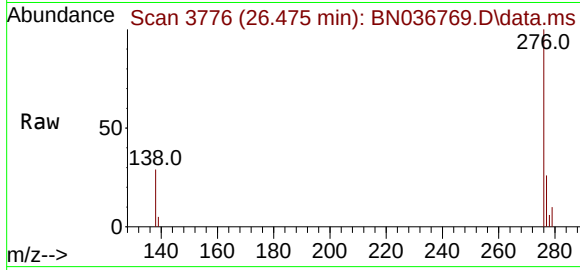
Acq: 28 Mar 2025 12:47

Instrument :

BNA_N

ClientSampleId :

TT188S1-20250320MS



Tgt Ion:276 Resp: 5010

Ion Ratio Lower Upper

276 100

277 26.3 22.2 33.4

138 29.1 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/31/2025

Supervised By :Jagrut Upadhyay 04/01/2025

