

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
 Data File : BN037193.D
 Acq On : 09 Jun 2025 15:47
 Operator : RC/JU
 Sample : Q2250-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-11A-13.5-060525MSD

Quant Time: Jun 09 16:53:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 04 01:52:03 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/10/2025
 Supervised By :Jagrut Upadhyay 06/10/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.590	152	2169	0.400	ng	0.00
7) Naphthalene-d8	10.362	136	5646	0.400	ng	#-0.01
13) Acenaphthene-d10	14.235	164	2926	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	5139	0.400	ng	0.00
29) Chrysene-d12	21.180	240	3419	0.400	ng	# 0.00
35) Perylene-d12	23.374	264	3336	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.185	112	842	0.157	ng	0.00
5) Phenol-d6	6.773	99	692	0.106	ng	0.00
8) Nitrobenzene-d5	8.739	82	1894	0.318	ng	0.00
11) 2-Methylnaphthalene-d10	11.966	152	2373m	0.302	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	451	0.383	ng	-0.01
15) 2-Fluorobiphenyl	12.858	172	4311	0.346	ng	0.00
27) Fluoranthene-d10	19.022	212	4775	0.366	ng	0.00
31) Terphenyl-d14	19.630	244	3637	0.452	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.112	88	9354	3.235	ng	95
3) n-Nitrosodimethylamine	3.430	42	740	0.127	ng	# 83
6) bis(2-Chloroethyl)ether	7.019	93	2082	0.336	ng	97
9) Naphthalene	10.415	128	5110	0.314	ng	98
10) Hexachlorobutadiene	10.703	225	906	0.255	ng	# 98
12) 2-Methylnaphthalene	12.037	142	3210	0.307	ng	98
16) Acenaphthylene	13.957	152	5333	0.372	ng	100
17) Acenaphthene	14.299	154	3131	0.336	ng	99
18) Fluorene	15.293	166	4472	0.365	ng	98
20) 4,6-Dinitro-2-methylph...	15.379	198	471	0.587	ng	# 63
21) 4-Bromophenyl-phenylether	16.190	248	1330	0.395	ng	# 79
22) Hexachlorobenzene	16.301	284	1342	0.369	ng	98
23) Atrazine	16.463	200	1184	0.426	ng	# 93
24) Pentachlorophenol	16.636	266	1464	0.888	ng	98
25) Phenanthrene	17.021	178	6930	0.416	ng	99
26) Anthracene	17.120	178	5874	0.387	ng	98
28) Fluoranthene	19.054	202	6813	0.370	ng	# 97
30) Pyrene	19.417	202	6824	0.409	ng	100
32) Benzo(a)anthracene	21.171	228	5337	0.431	ng	100
33) Chrysene	21.216	228	5681	0.412	ng	98
34) Bis(2-ethylhexyl)phtha...	21.108	149	3448	0.442	ng	100
36) Indeno(1,2,3-cd)pyrene	25.573	276	5422	0.409	ng	99
37) Benzo(b)fluoranthene	22.720	252	5075m	0.377	ng	
38) Benzo(k)fluoranthene	22.761	252	5262	0.383	ng	95
39) Benzo(a)pyrene	23.281	252	4286	0.380	ng	# 88
40) Dibenzo(a,h)anthracene	25.585	278	4235	0.414	ng	99
41) Benzo(g,h,i)perylene	26.240	276	4499	0.383	ng	97

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

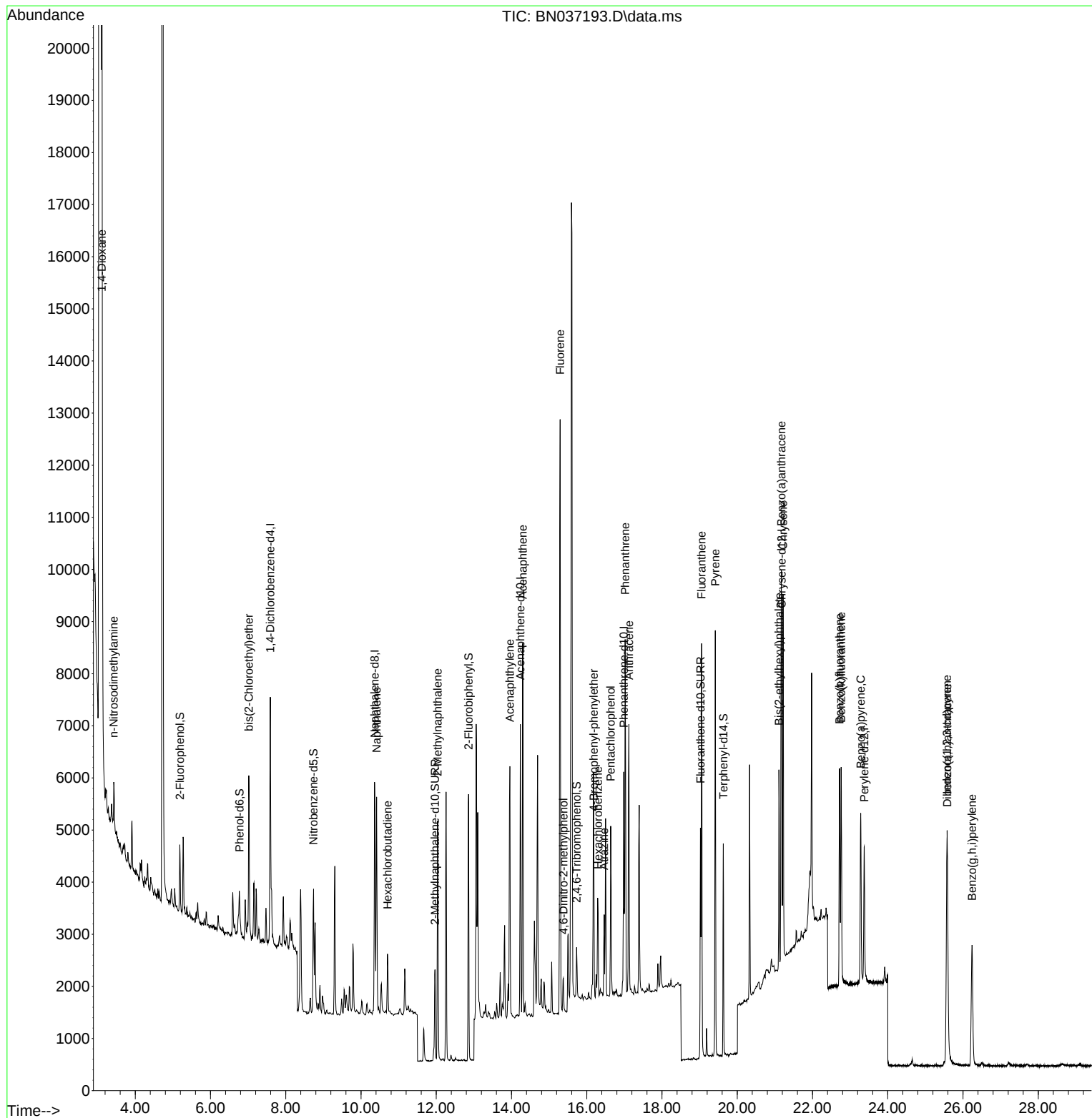
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
 Data File : BN037193.D
 Acq On : 09 Jun 2025 15:47
 Operator : RC/JU
 Sample : Q2250-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

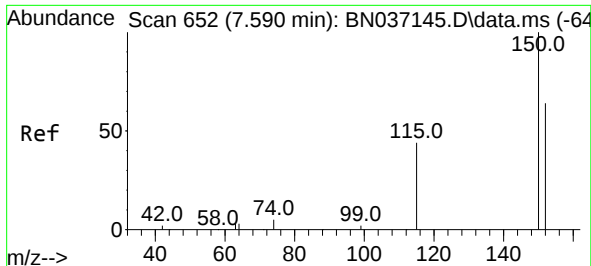
Instrument :
 BNA_N
 ClientSampleId :
 MW-11A-13.5-060525MSD

Quant Time: Jun 09 16:53:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 04 01:52:03 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

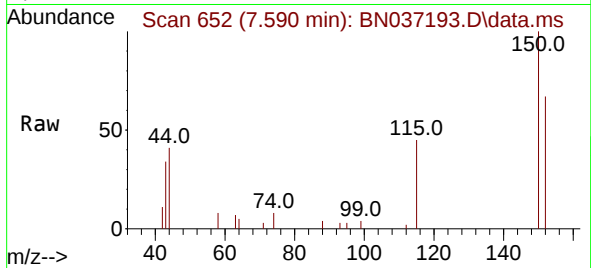
Reviewed By :Rahul Chavli 06/10/2025
 Supervised By :Jagrut Upadhyay 06/10/2025





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.590 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN037193.D
 Acq: 09 Jun 2025 15:47

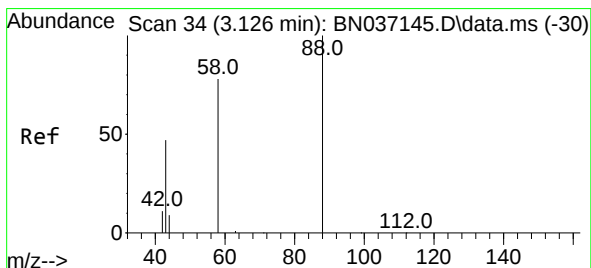
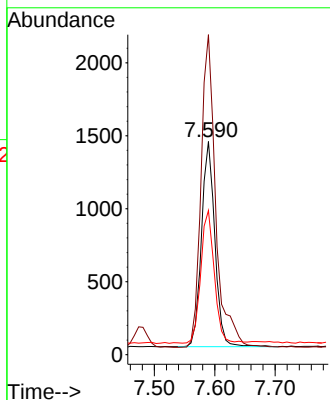
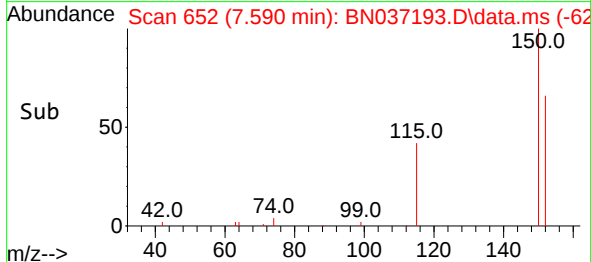
Instrument :
 BNA_N
 ClientSampleId :
 MW-11A-13.5-060525MSD



Tgt Ion: 152 Resp: 2169
 Ion Ratio Lower Upper
 152 100
 150 150.2 123.2 184.8
 115 67.7 56.6 85.0

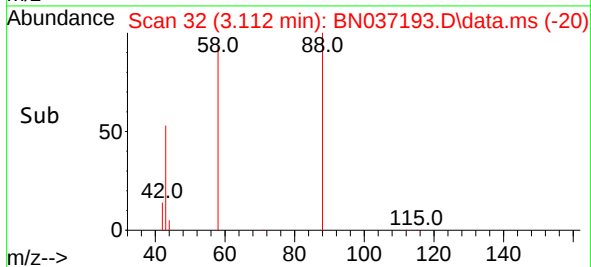
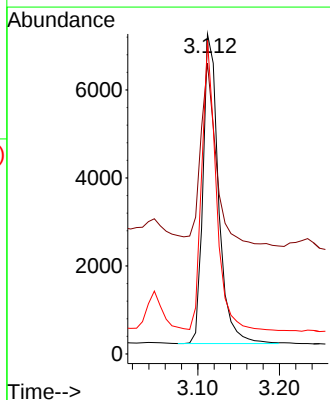
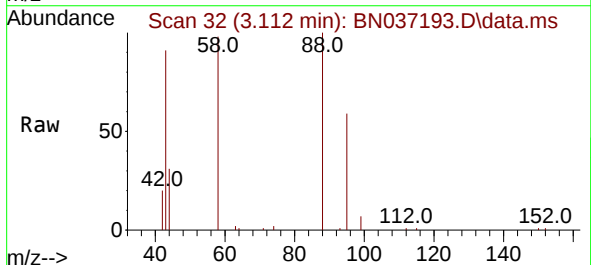
Manual Integrations
 APPROVED

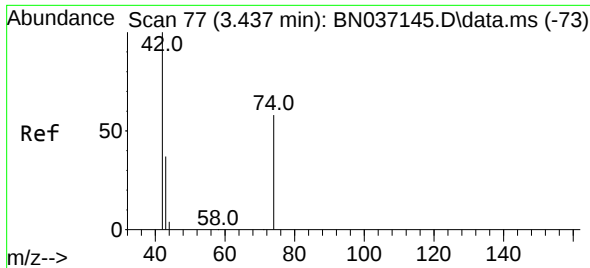
Reviewed By :Rahul Chavli 06/10/2025
 Supervised By :Jagrut Upadhyay 06/10/2025



#2
 1,4-Dioxane
 Concen: 3.235 ng
 RT: 3.112 min Scan# 32
 Delta R.T. -0.014 min
 Lab File: BN037193.D
 Acq: 09 Jun 2025 15:47

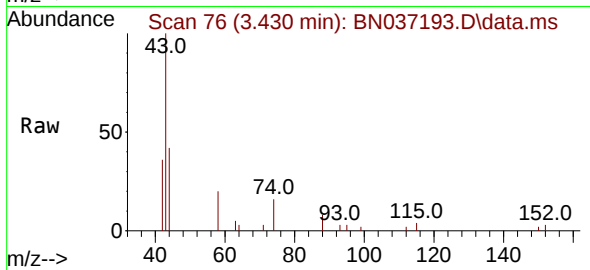
Tgt Ion: 88 Resp: 9354
 Ion Ratio Lower Upper
 88 100
 43 60.0 43.5 65.3
 58 87.0 67.7 101.5





#3
n-Nitrosodimethylamine
Concen: 0.127 ng
RT: 3.430 min Scan# 77
Delta R.T. -0.007 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47

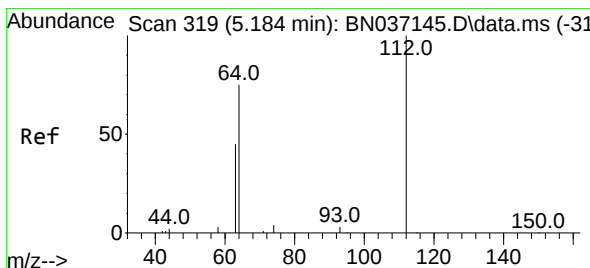
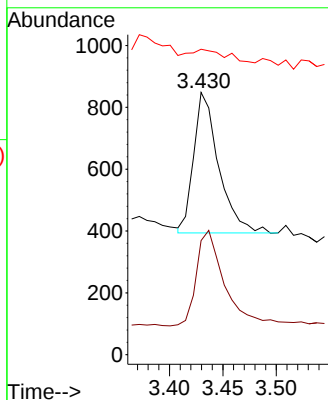
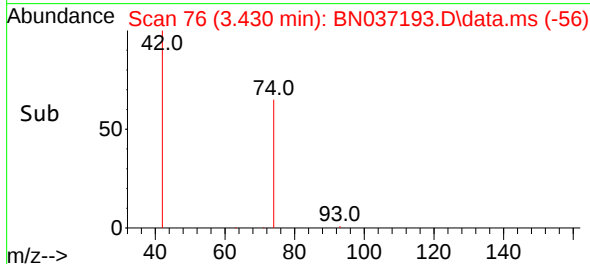
Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525MSD



Tgt Ion: 42 Resp: 740
Ion Ratio Lower Upper
42 100
74 80.4 53.0 79.4
44 12.2 5.9 8.9

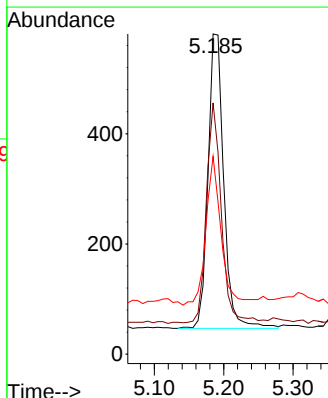
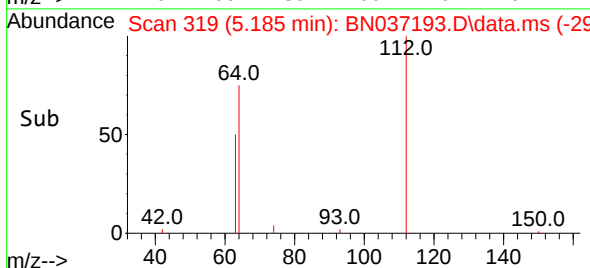
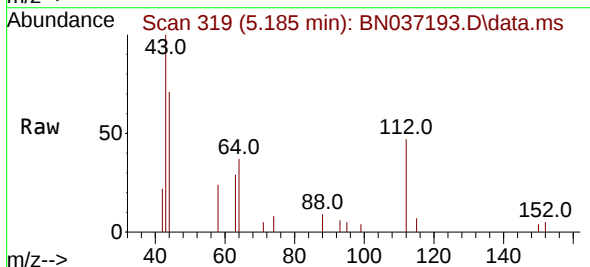
Manual Integrations
APPROVED

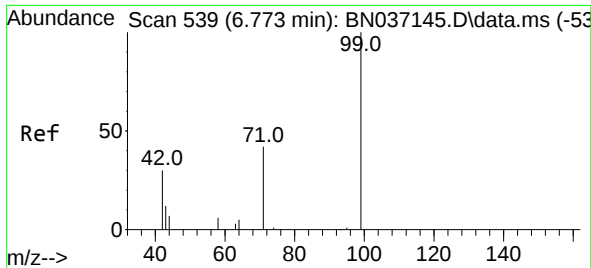
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#4
2-Fluorophenol
Concen: 0.157 ng
RT: 5.185 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47

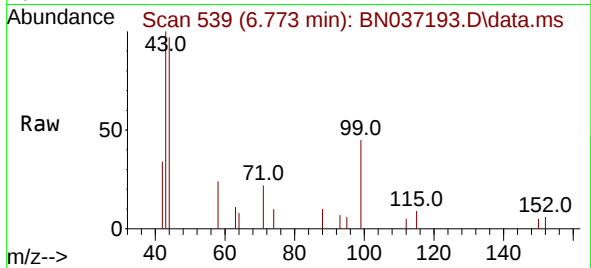
Tgt Ion:112 Resp: 842
Ion Ratio Lower Upper
112 100
64 71.9 56.3 84.5
63 48.2 36.2 54.4





#5
Phenol-d6
Concen: 0.106 ng
RT: 6.773 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47

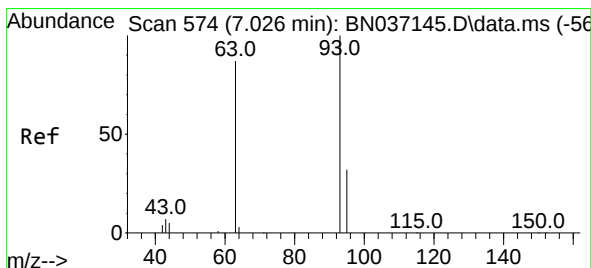
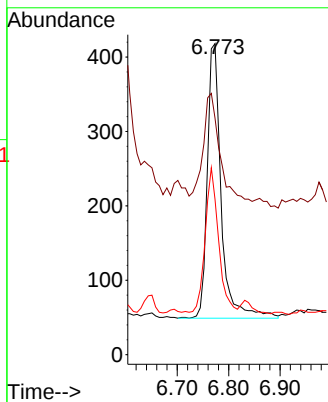
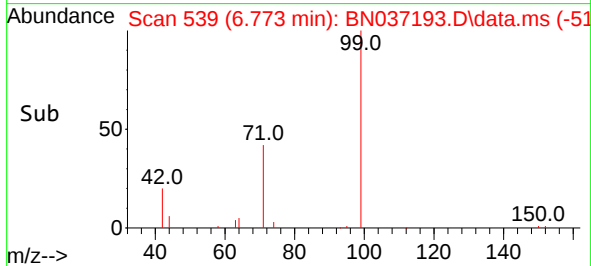
Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525MSD



Tgt Ion: 99 Resp: 692
Ion Ratio Lower Upper
99 100
42 46.7 31.3 46.9
71 51.4 38.2 57.2

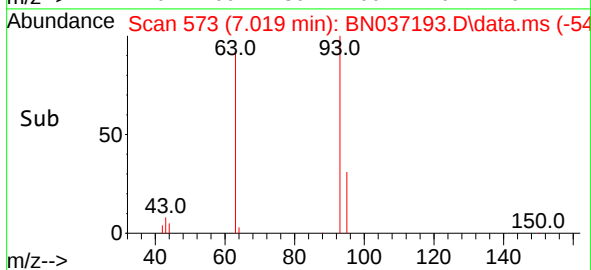
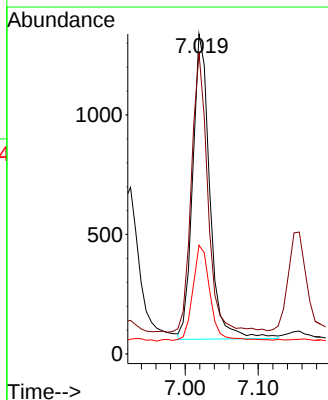
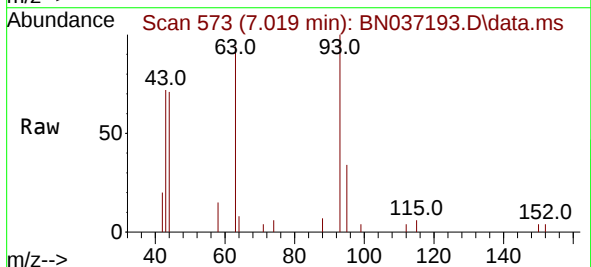
Manual Integrations
APPROVED

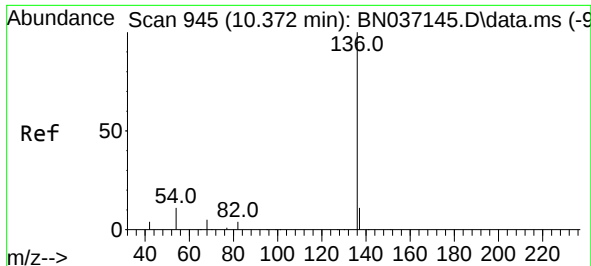
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#6
bis(2-Chloroethyl)ether
Concen: 0.336 ng
RT: 7.019 min Scan# 573
Delta R.T. -0.007 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47

Tgt Ion: 93 Resp: 2082
Ion Ratio Lower Upper
93 100
63 87.8 68.6 103.0
95 32.5 24.3 36.5





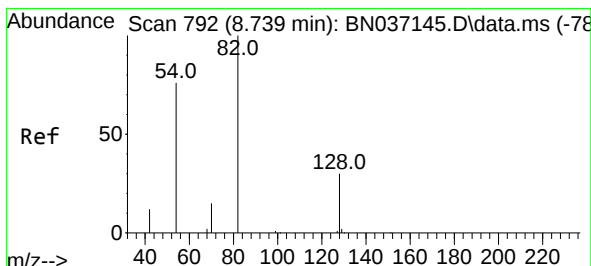
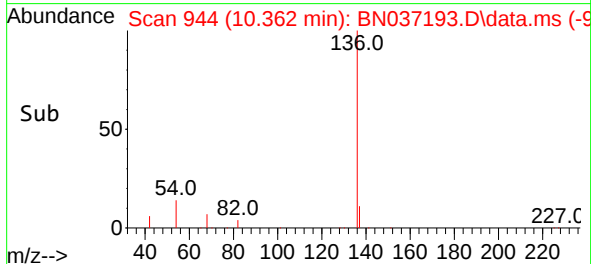
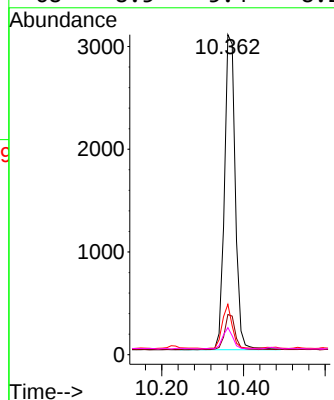
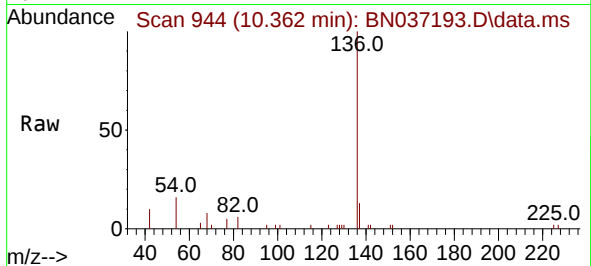
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.362 min Scan# 945
Delta R.T. -0.011 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47

Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525MSD

Tgt Ion:	136	Resp:	5640
Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.7	14.5
54	15.8	9.7	14.5
68	8.5	5.4	8.2

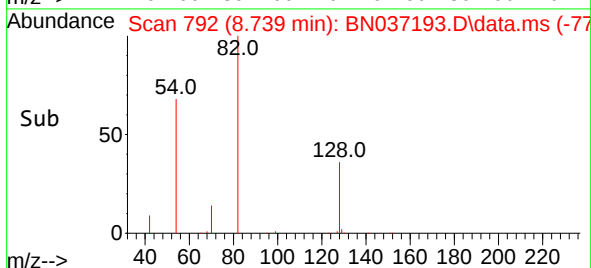
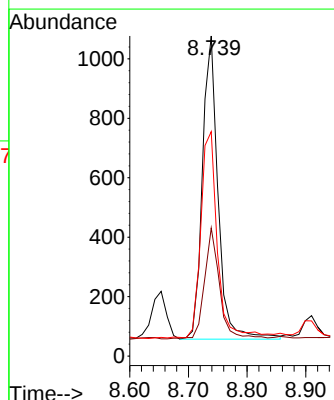
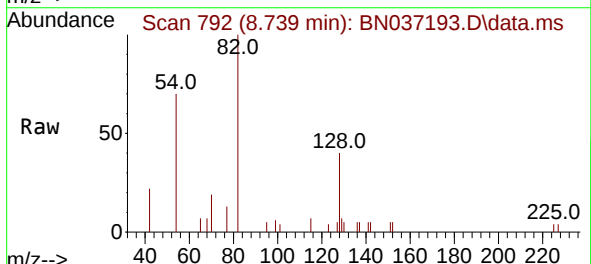
Manual Integrations
APPROVED

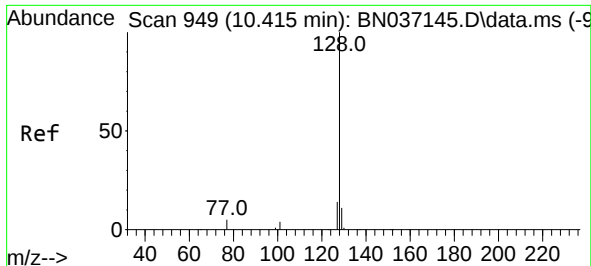
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#8
Nitrobenzene-d5
Concen: 0.318 ng
RT: 8.739 min Scan# 792
Delta R.T. 0.000 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47

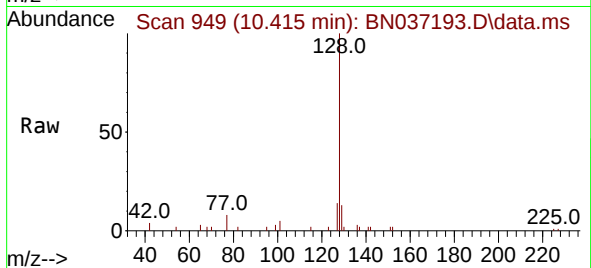
Tgt Ion:	82	Resp:	1894
Ion	Ratio	Lower	Upper
82	100		
128	40.0	26.9	40.3
54	70.1	61.4	92.2





#9
Naphthalene
Concen: 0.314 ng
RT: 10.415 min Scan# 949
Delta R.T. 0.000 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47

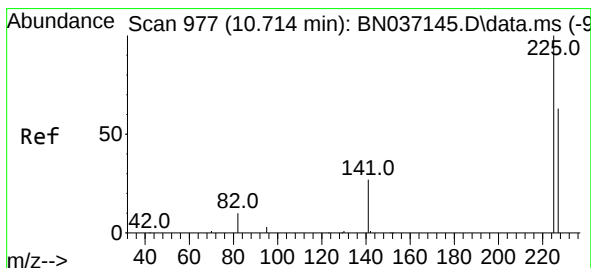
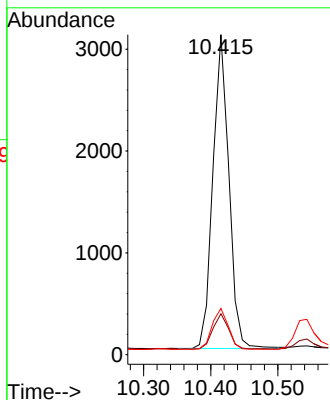
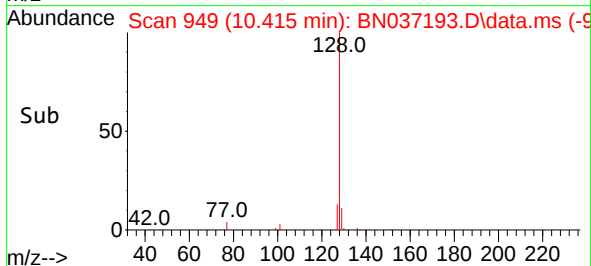
Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525MSD



Tgt Ion:128 Resp: 5110
Ion Ratio Lower Upper
128 100
129 12.8 9.8 14.8
127 14.5 12.3 18.5

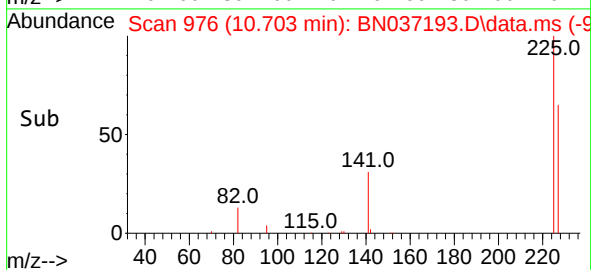
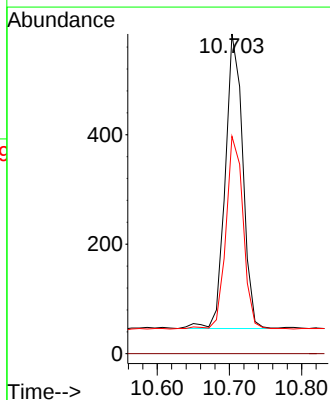
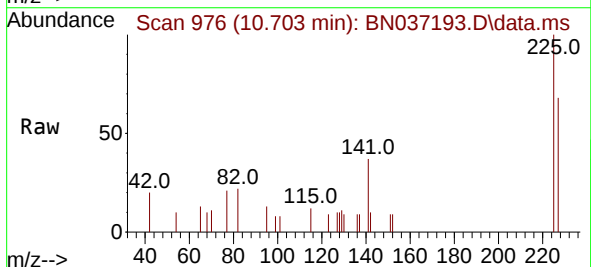
Manual Integrations
APPROVED

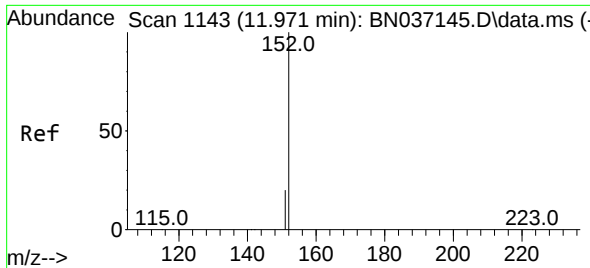
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#10
Hexachlorobutadiene
Concen: 0.255 ng
RT: 10.703 min Scan# 976
Delta R.T. -0.011 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47

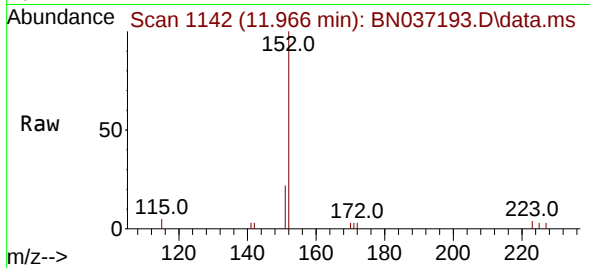
Tgt Ion:225 Resp: 906
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.5 50.3 75.5





#11
2-Methylnaphthalene-d10
Concen: 0.302 ng m
RT: 11.966 min Scan# 1142
Delta R.T. -0.005 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47

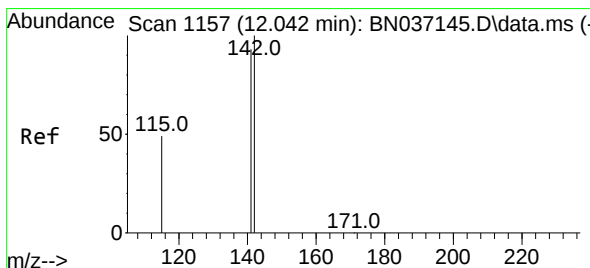
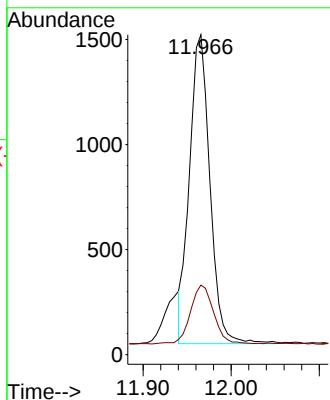
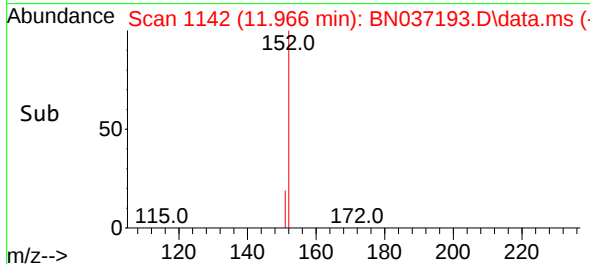
Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525MSD



Tgt Ion:152 Resp: 237
Ion Ratio Lower Upper
152 100
151 21.5 17.1 25.7

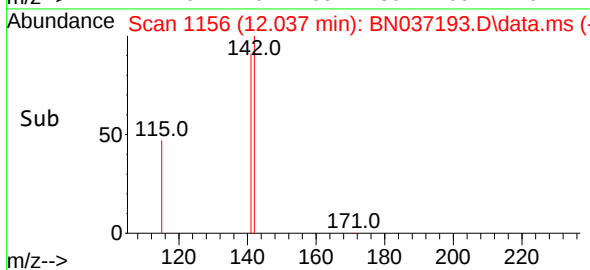
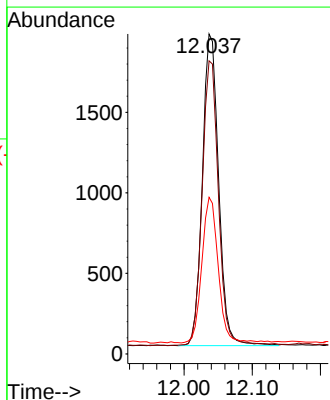
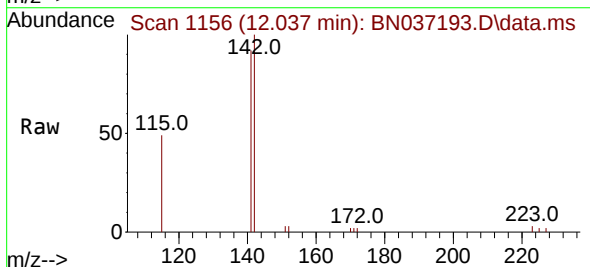
Manual Integrations
APPROVED

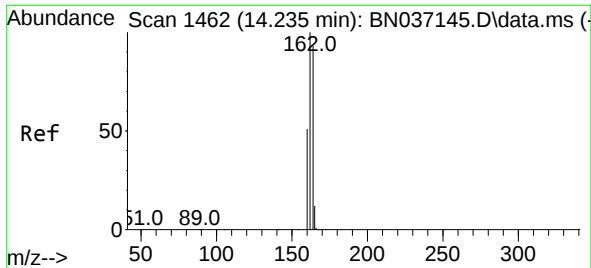
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#12
2-Methylnaphthalene
Concen: 0.307 ng
RT: 12.037 min Scan# 1156
Delta R.T. -0.005 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47

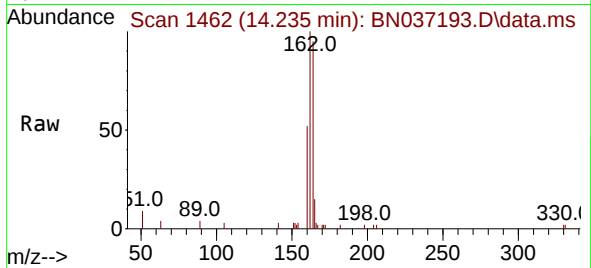
Tgt Ion:142 Resp: 3210
Ion Ratio Lower Upper
142 100
141 91.6 74.6 111.8
115 48.9 41.0 61.4





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47

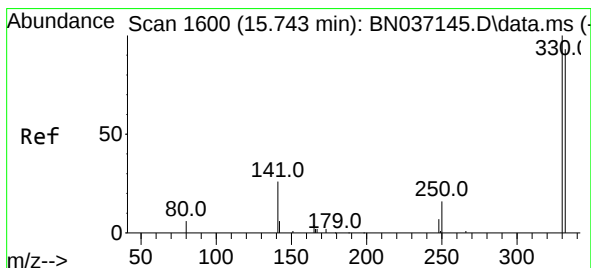
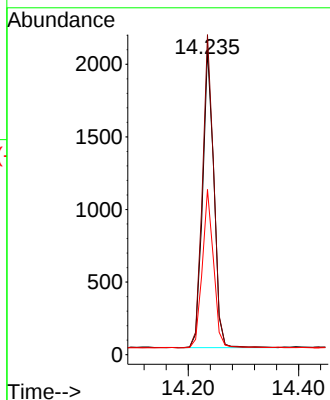
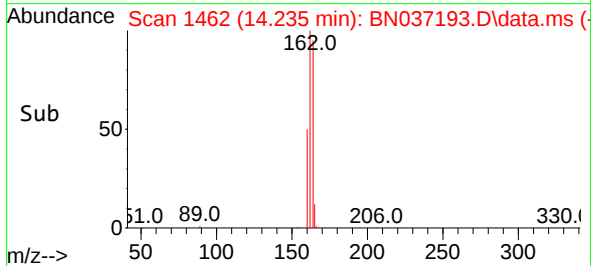
Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525MSD



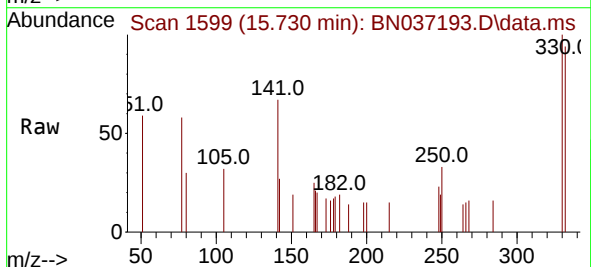
Tgt Ion:164 Resp: 2920
Ion Ratio Lower Upper
164 100
162 105.1 85.5 128.3
160 54.2 44.6 67.0

Manual Integrations
APPROVED

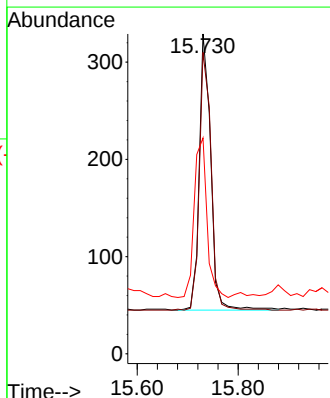
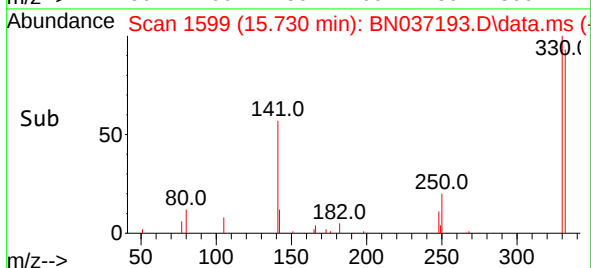
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

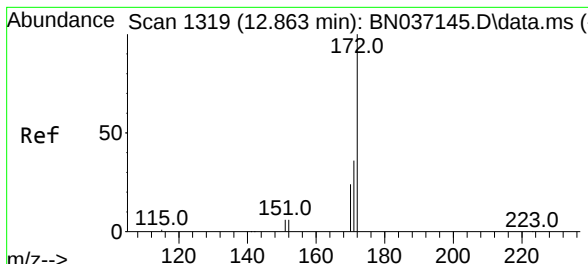


#14
2,4,6-Tribromophenol
Concen: 0.383 ng
RT: 15.730 min Scan# 1599
Delta R.T. -0.012 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47



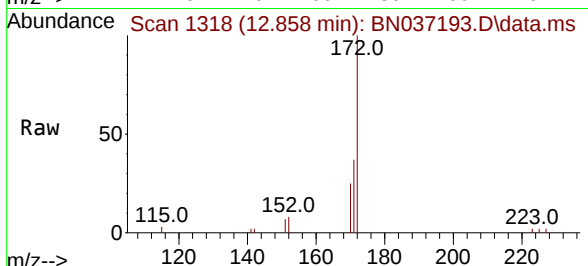
Tgt Ion:330 Resp: 451
Ion Ratio Lower Upper
330 100
332 95.6 77.1 115.7
141 63.6 46.4 69.6





#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 12.858 min Scan# 1318
Delta R.T. -0.005 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47

Instrument : BNA_N
ClientSampleId : MW-11A-13.5-060525MSD

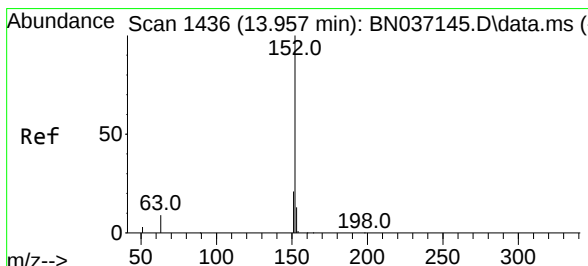
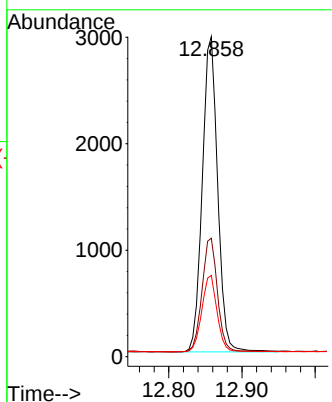


Tgt Ion:172 Resp: 431

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	25.4	20.3	30.5

Manual Integrations
APPROVED

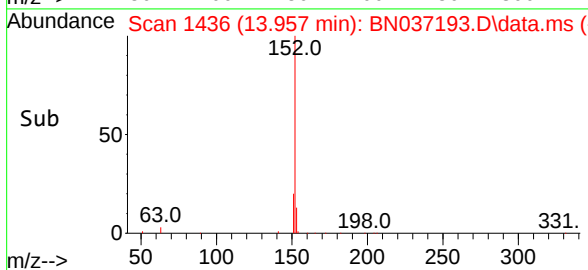
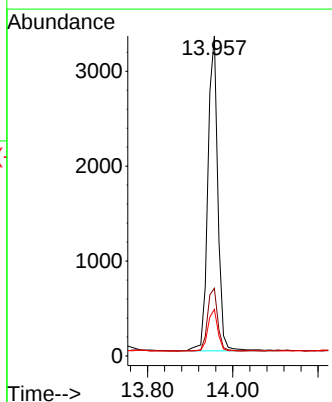
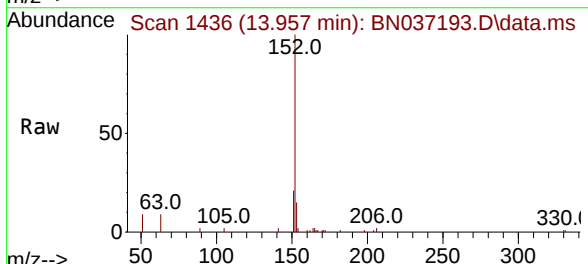
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

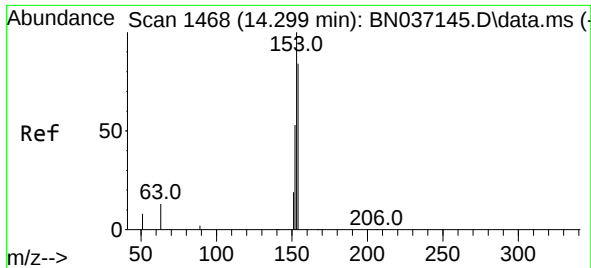


#16
Acenaphthylene
Concen: 0.372 ng
RT: 13.957 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47

Tgt Ion:152 Resp: 5333

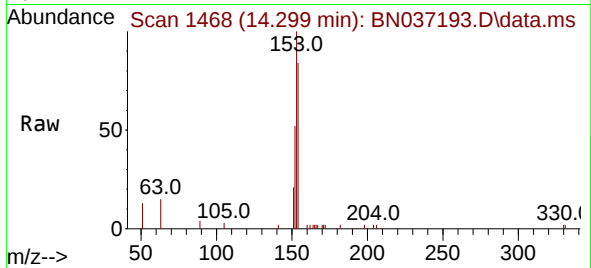
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.4	10.6	15.8





#17
Acenaphthene
Concen: 0.336 ng
RT: 14.299 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47

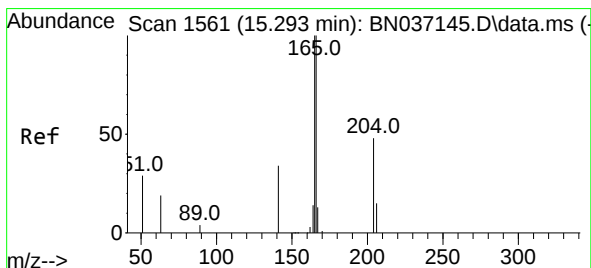
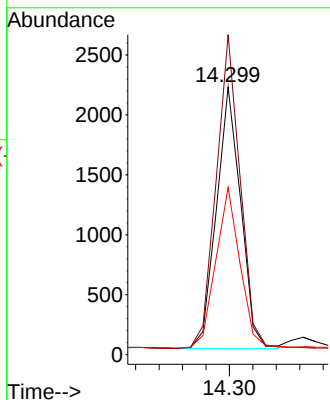
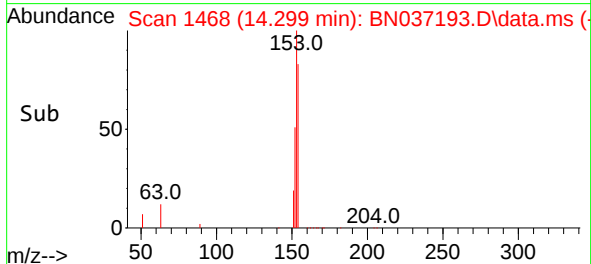
Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525MSD



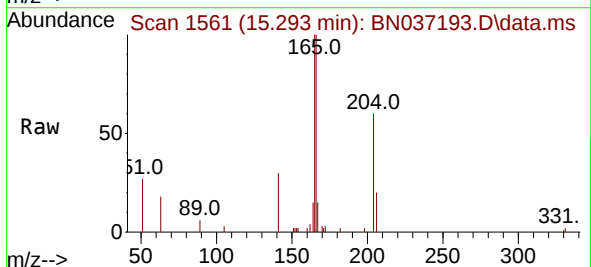
Tgt Ion:154 Resp: 313
Ion Ratio Lower Upper
154 100
153 118.6 93.8 140.8
152 62.3 50.5 75.7

Manual Integrations
APPROVED

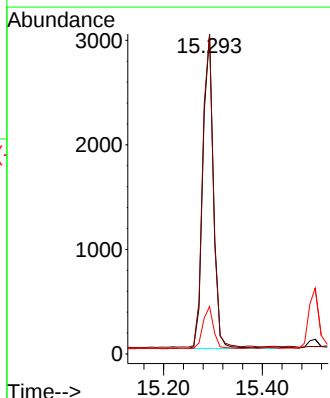
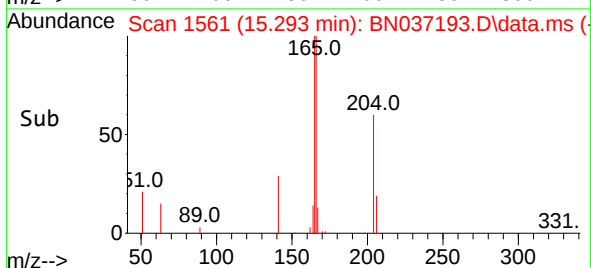
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

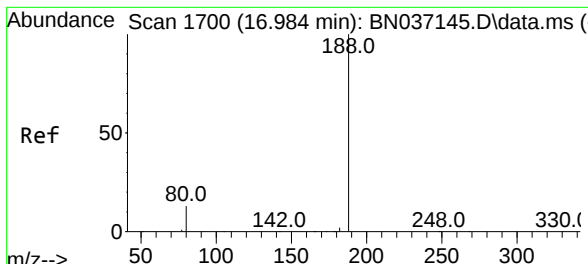


#18
Fluorene
Concen: 0.365 ng
RT: 15.293 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47



Tgt Ion:166 Resp: 4472
Ion Ratio Lower Upper
166 100
165 99.3 81.1 121.7
167 13.3 10.8 16.2





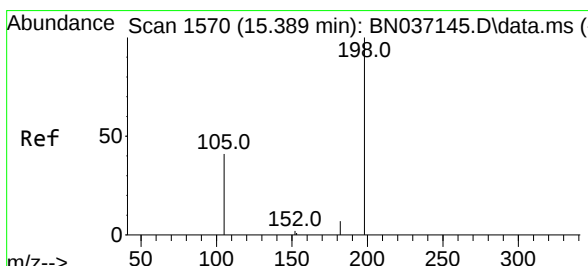
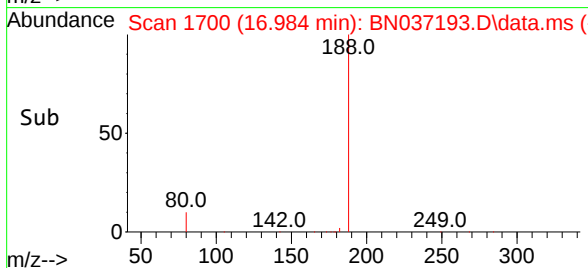
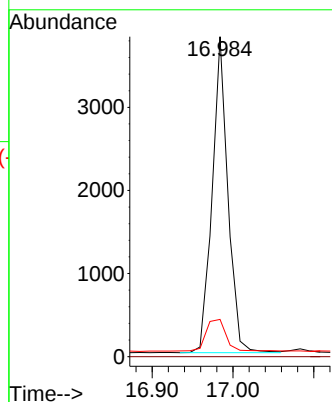
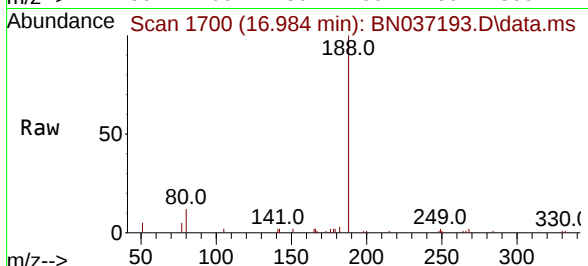
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47

Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525MSD

Tgt Ion:188 Resp: 5139
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 11.3 16.9

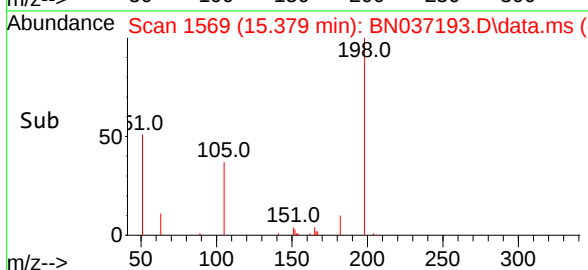
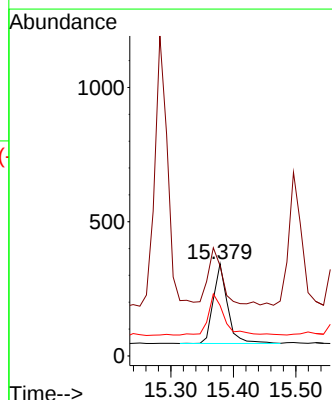
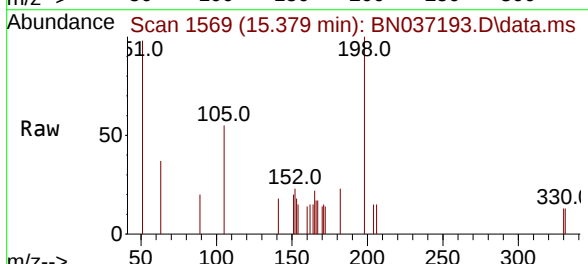
Manual Integrations
APPROVED

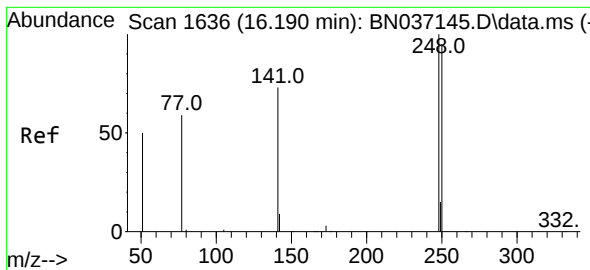
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#20
4,6-Dinitro-2-methylphenol
Concen: 0.587 ng
RT: 15.379 min Scan# 1569
Delta R.T. -0.010 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47

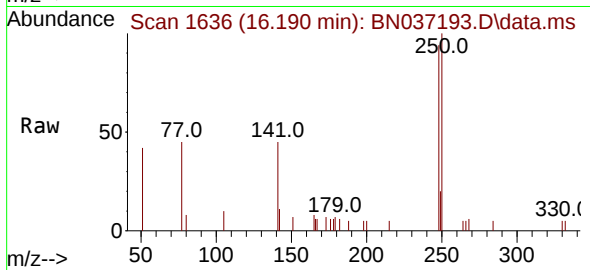
Tgt Ion:198 Resp: 471
Ion Ratio Lower Upper
198 100
51 97.7 125.2 187.8#
105 54.7 57.1 85.7#





#21
4-Bromophenyl-phenylether
Concen: 0.395 ng
RT: 16.190 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47

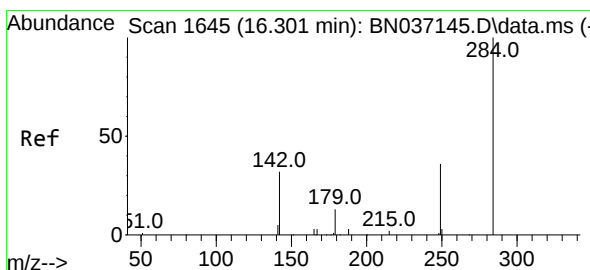
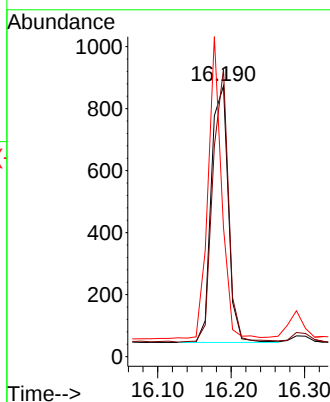
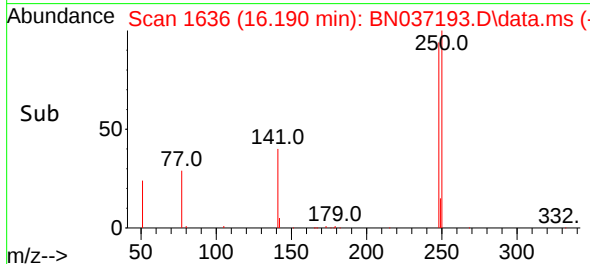
Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525MSD



Tgt Ion:248 Resp: 1330
Ion Ratio Lower Upper
248 100
250 106.3 76.1 114.1
141 47.8 60.1 90.1

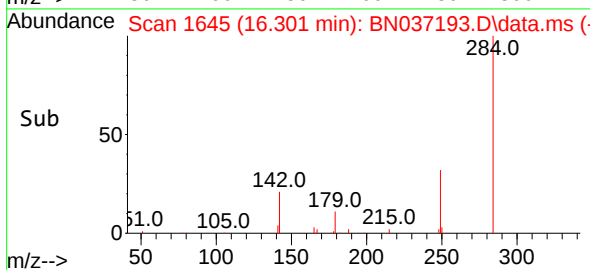
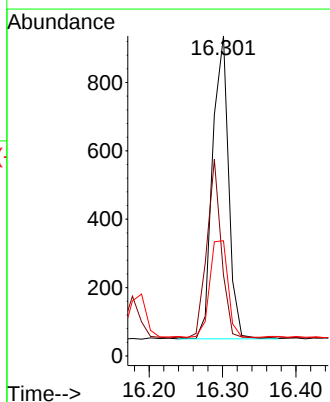
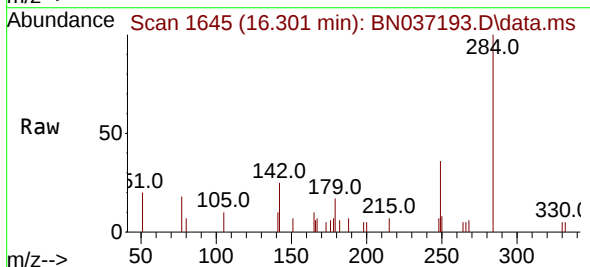
Manual Integrations
APPROVED

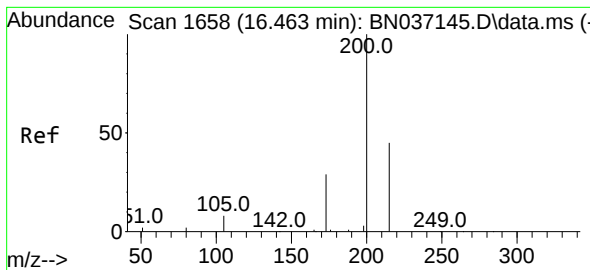
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#22
Hexachlorobenzene
Concen: 0.369 ng
RT: 16.301 min Scan# 1645
Delta R.T. 0.000 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47

Tgt Ion:284 Resp: 1342
Ion Ratio Lower Upper
284 100
142 53.1 44.0 66.0
249 36.2 29.7 44.5





#23

Atrazine

Concen: 0.426 ng

RT: 16.463 min Scan# 1658

Delta R.T. 0.000 min

Lab File: BN037193.D

Acq: 09 Jun 2025 15:47

Instrument :

BNA_N

ClientSampleId :

MW-11A-13.5-060525MSD

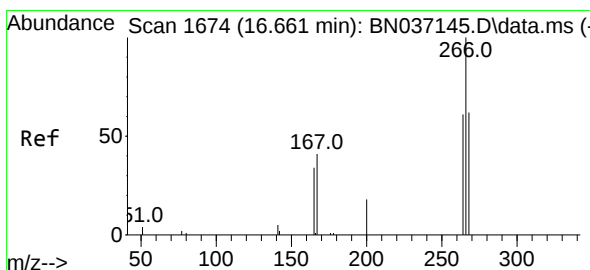
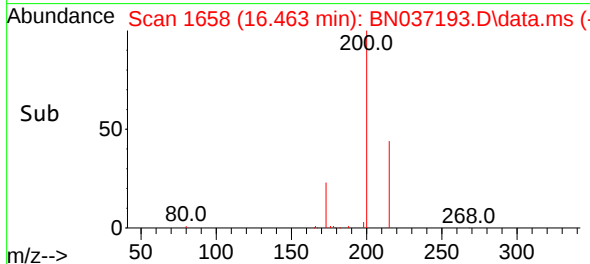
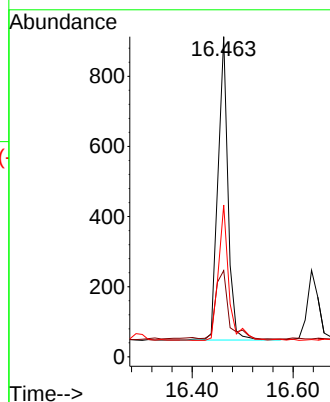
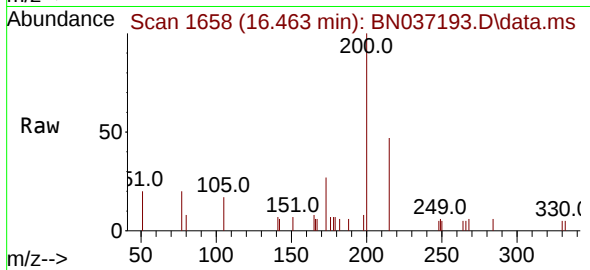
Tgt Ion:	200	Resp:	1184
Ion Ratio	Lower	Upper	
200	100		
173	26.9	28.1	42.1
215	47.4	39.3	58.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#24

Pentachlorophenol

Concen: 0.888 ng

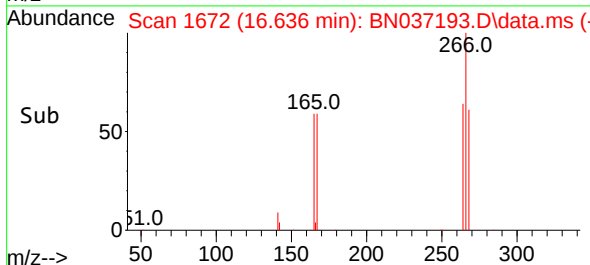
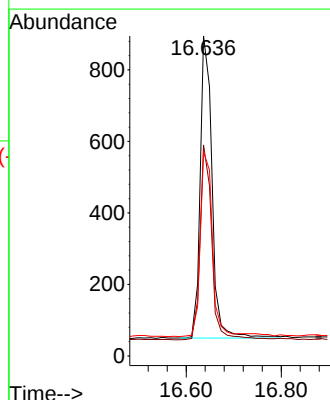
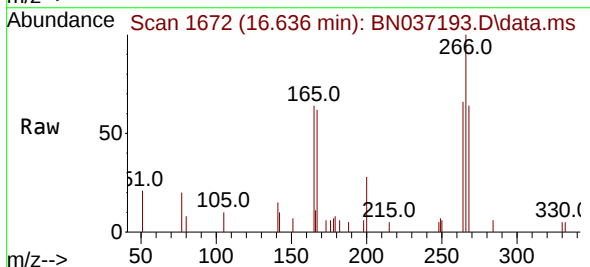
RT: 16.636 min Scan# 1672

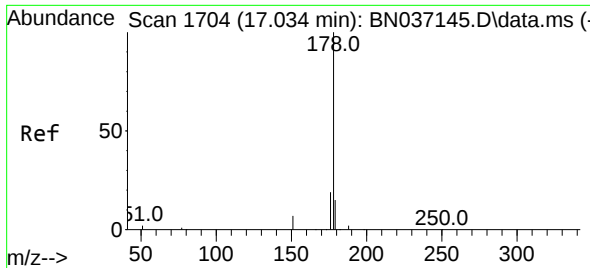
Delta R.T. -0.025 min

Lab File: BN037193.D

Acq: 09 Jun 2025 15:47

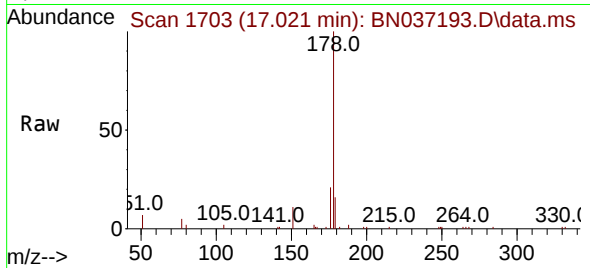
Tgt Ion:	266	Resp:	1464
Ion Ratio	Lower	Upper	
266	100		
264	63.6	49.3	73.9
268	62.1	49.0	73.4





#25
Phenanthrene
Concen: 0.416 ng
RT: 17.021 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47

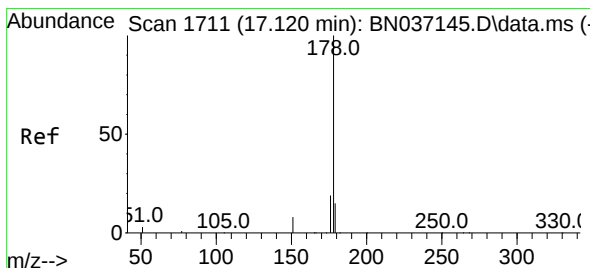
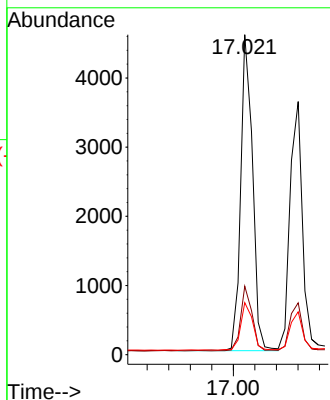
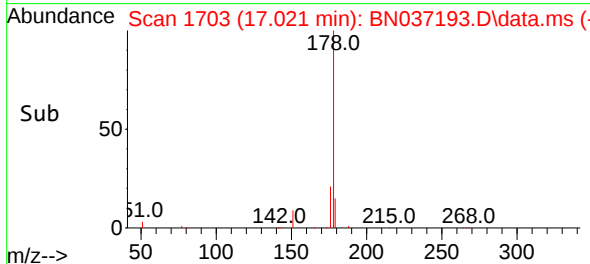
Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525MSD



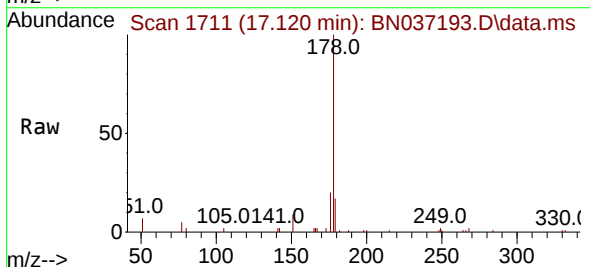
Tgt Ion:178 Resp: 6930
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 15.1 12.3 18.5

Manual Integrations
APPROVED

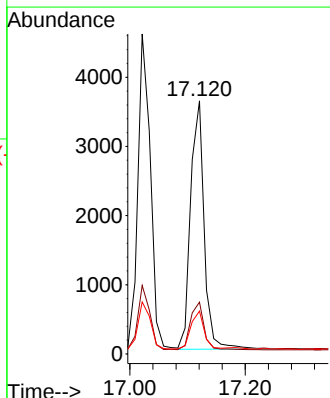
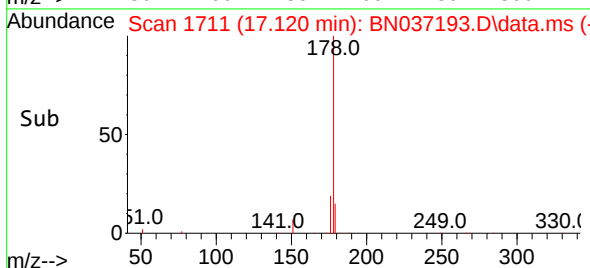
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

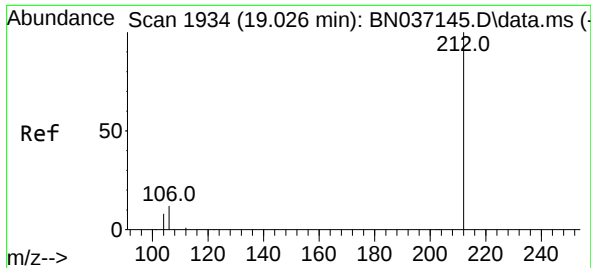


#26
Anthracene
Concen: 0.387 ng
RT: 17.120 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47



Tgt Ion:178 Resp: 5874
Ion Ratio Lower Upper
178 100
176 19.4 15.2 22.8
179 14.7 12.9 19.3





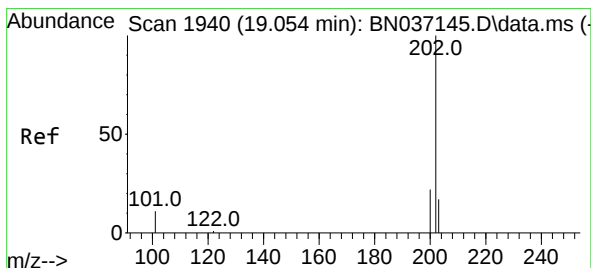
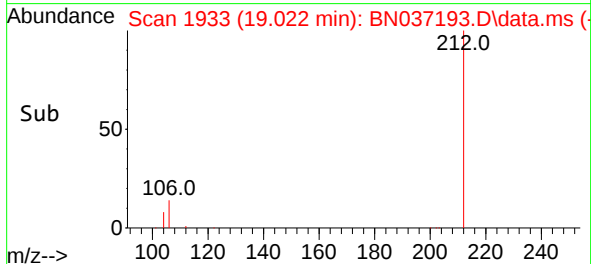
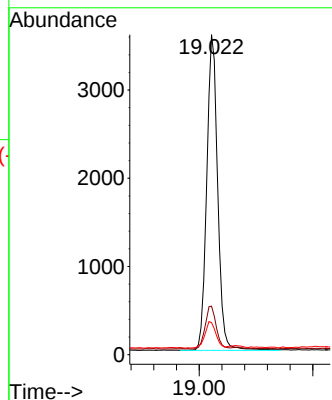
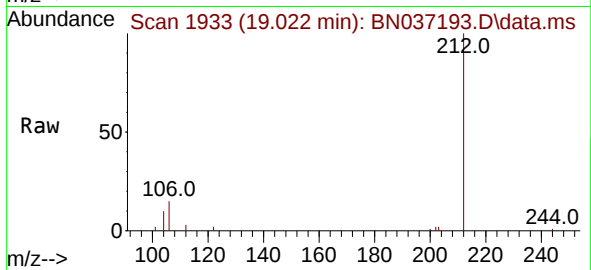
#27
Fluoranthene-d10
Concen: 0.366 ng
RT: 19.022 min Scan# 1933
Delta R.T. -0.005 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47

Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525MSD

Tgt Ion:212 Resp: 4779
Ion Ratio Lower Upper
212 100
106 13.6 10.6 15.8
104 8.3 6.6 9.8

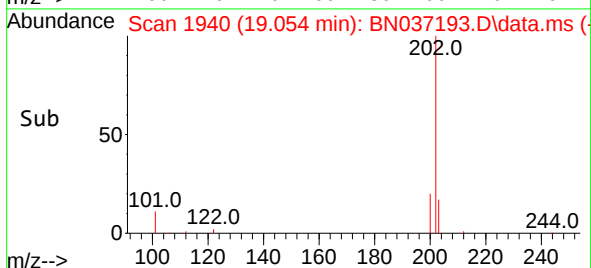
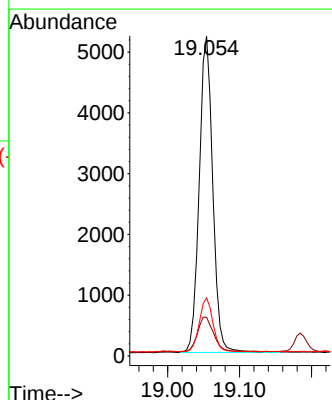
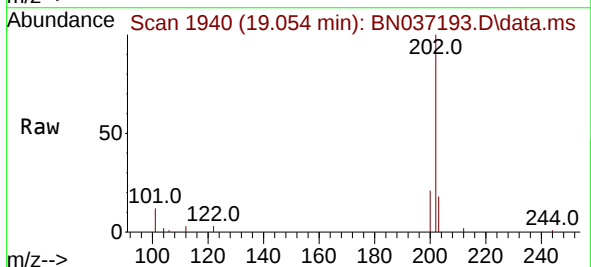
Manual Integrations
APPROVED

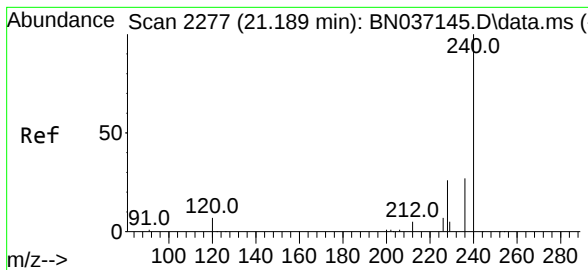
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#28
Fluoranthene
Concen: 0.370 ng
RT: 19.054 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47

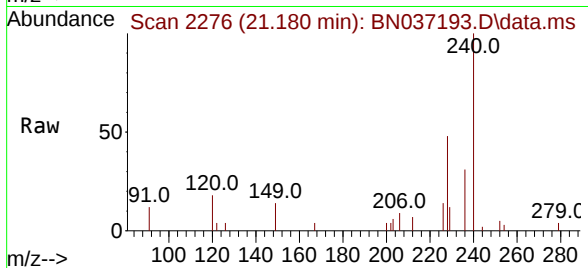
Tgt Ion:202 Resp: 6813
Ion Ratio Lower Upper
202 100
101 13.6 8.7 13.1#
203 17.2 13.5 20.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 2118
Delta R.T. -0.009 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47

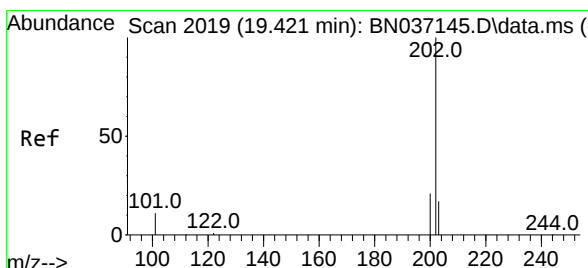
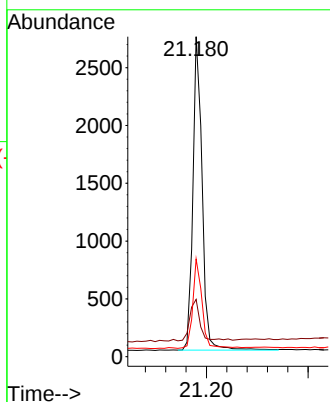
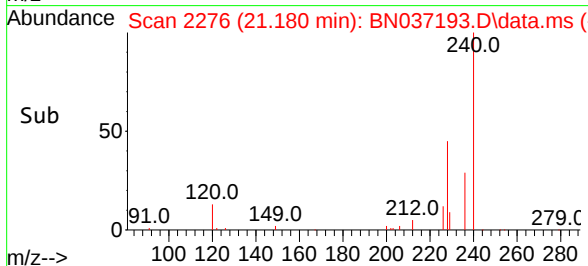
Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525MSD



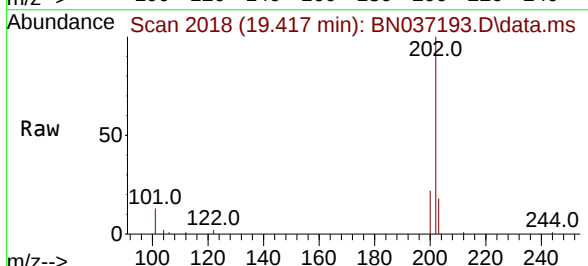
Tgt Ion:240 Resp: 3419
Ion Ratio Lower Upper
240 100
120 17.9 9.0 13.4
236 30.6 23.0 34.4

Manual Integrations
APPROVED

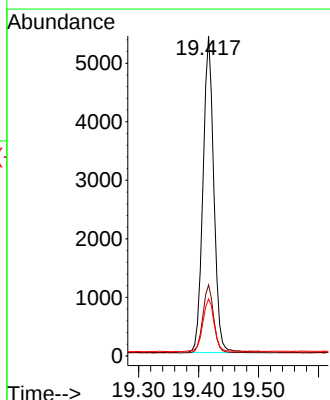
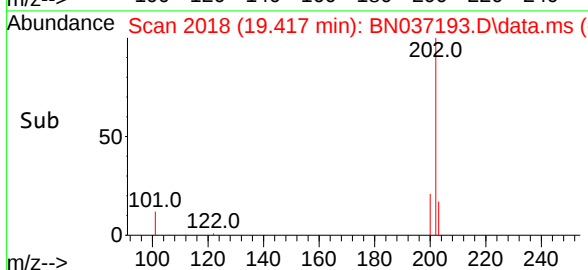
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

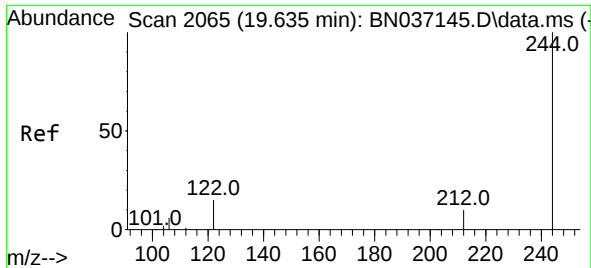


#30
Pyrene
Concen: 0.409 ng
RT: 19.417 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47



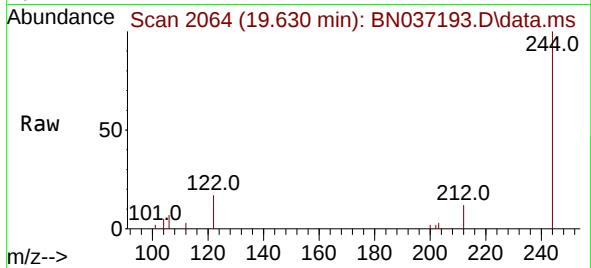
Tgt Ion:202 Resp: 6824
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.6
203 17.6 14.2 21.4





#31
 Terphenyl-d14
 Concen: 0.452 ng
 RT: 19.630 min Scan# 2065
 Delta R.T. -0.005 min
 Lab File: BN037193.D
 Acq: 09 Jun 2025 15:47

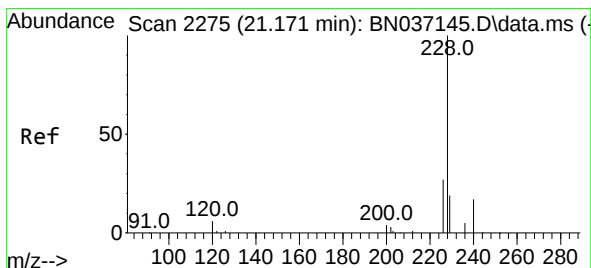
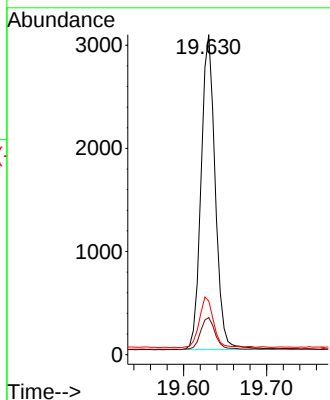
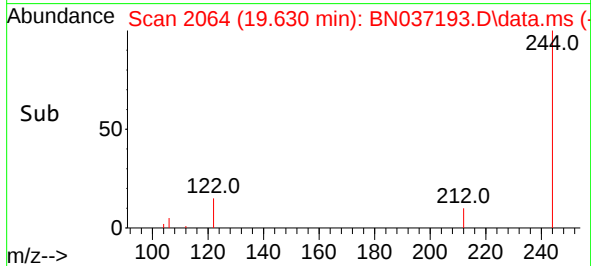
Instrument :
 BNA_N
 ClientSampleId :
 MW-11A-13.5-060525MSD



Tgt Ion:244 Resp: 3637
 Ion Ratio Lower Upper
 244 100
 212 11.6 10.0 15.0
 122 16.8 13.2 19.8

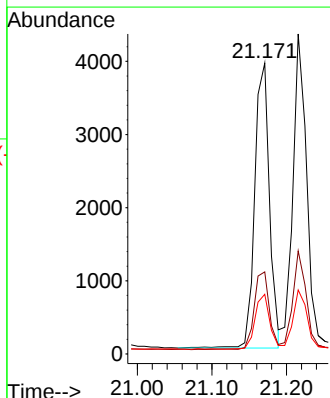
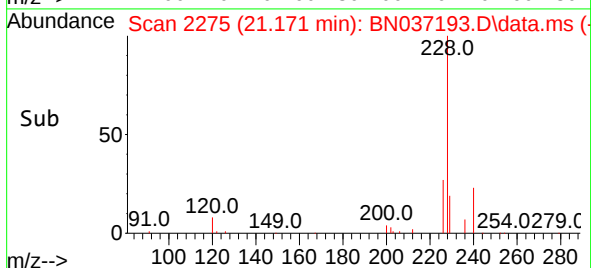
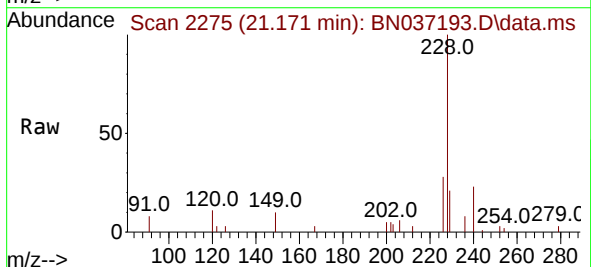
Manual Integrations
 APPROVED

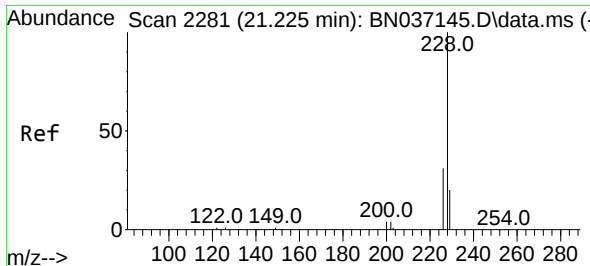
Reviewed By :Rahul Chavli 06/10/2025
 Supervised By :Jagrut Upadhyay 06/10/2025



#32
 Benzo(a)anthracene
 Concen: 0.431 ng
 RT: 21.171 min Scan# 2275
 Delta R.T. 0.000 min
 Lab File: BN037193.D
 Acq: 09 Jun 2025 15:47

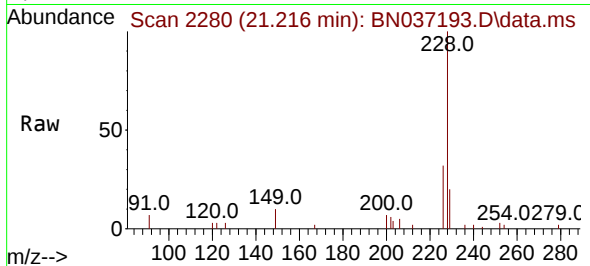
Tgt Ion:228 Resp: 5337
 Ion Ratio Lower Upper
 228 100
 226 28.2 22.6 33.8
 229 20.5 16.2 24.2





#33
Chrysene
Concen: 0.412 ng
RT: 21.216 min Scan# 2116
Delta R.T. -0.009 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47

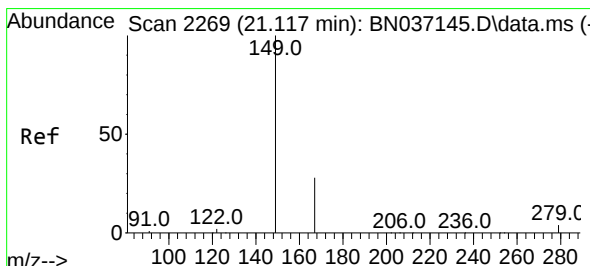
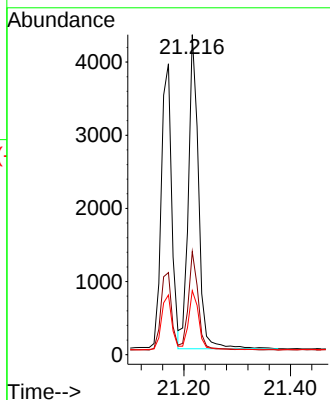
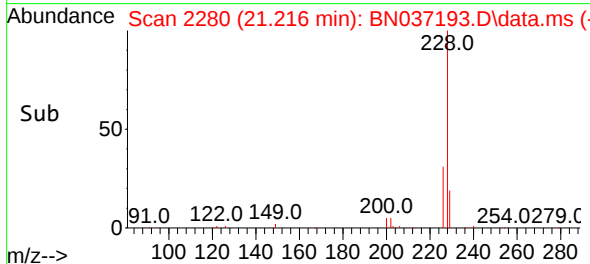
Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525MSD



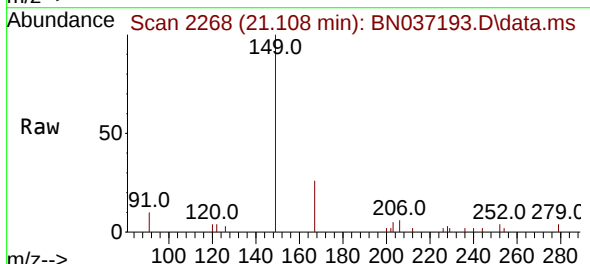
Tgt Ion:228 Resp: 568
Ion Ratio Lower Upper
228 100
226 32.2 25.2 37.8
229 20.0 16.8 25.2

Manual Integrations
APPROVED

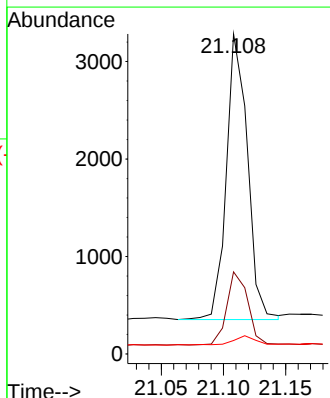
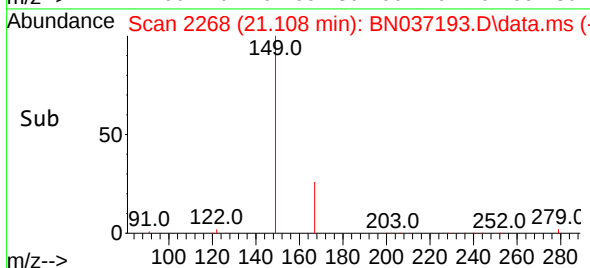
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

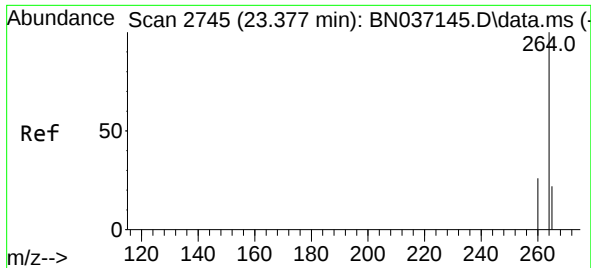


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.442 ng
RT: 21.108 min Scan# 2268
Delta R.T. -0.009 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47



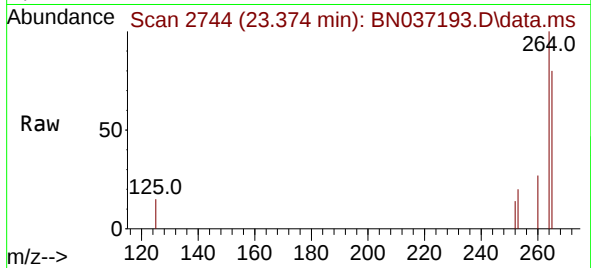
Tgt Ion:149 Resp: 3448
Ion Ratio Lower Upper
149 100
167 26.0 21.0 31.4
279 3.7 2.9 4.3





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.374 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BN037193.D
 Acq: 09 Jun 2025 15:47

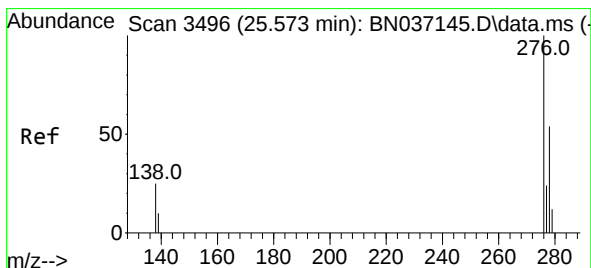
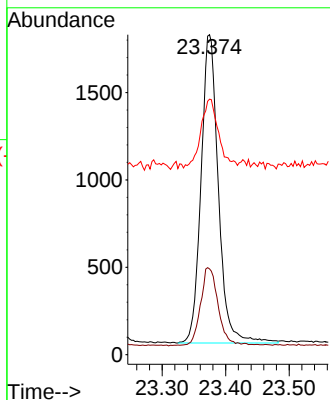
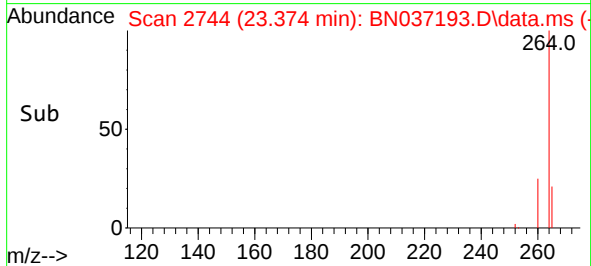
Instrument :
 BNA_N
 ClientSampleId :
 MW-11A-13.5-060525MSD



Tgt Ion:264 Resp: 3330
 Ion Ratio Lower Upper
 264 100
 260 26.8 22.1 33.1
 265 79.8 55.8 83.8

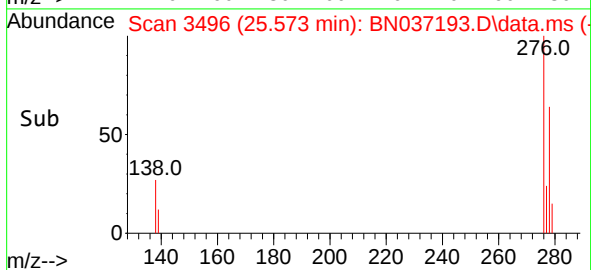
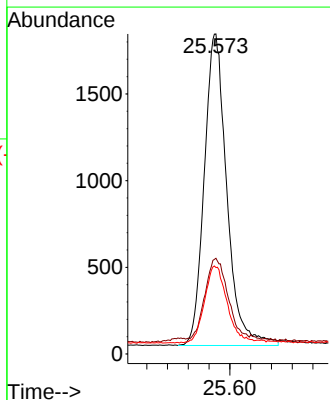
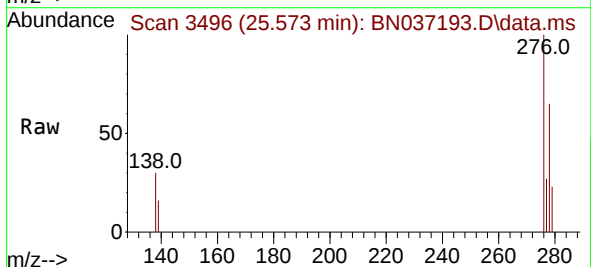
Manual Integrations
 APPROVED

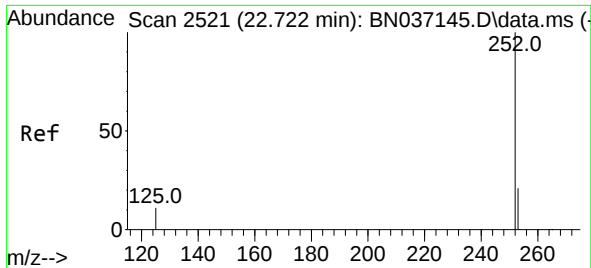
Reviewed By :Rahul Chavli 06/10/2025
 Supervised By :Jagrut Upadhyay 06/10/2025



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.409 ng
 RT: 25.573 min Scan# 3496
 Delta R.T. 0.000 min
 Lab File: BN037193.D
 Acq: 09 Jun 2025 15:47

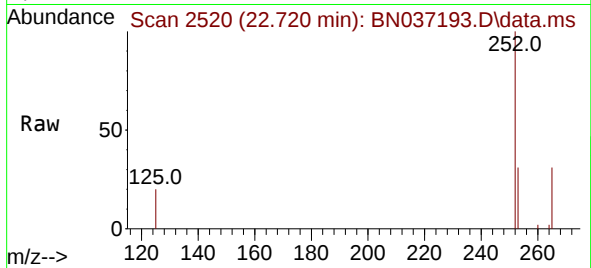
Tgt Ion:276 Resp: 5422
 Ion Ratio Lower Upper
 276 100
 138 26.2 21.0 31.6
 277 24.7 19.4 29.2





#37
Benzo(b)fluoranthene
Concen: 0.377 ng m
RT: 22.720 min Scan# 2521
Delta R.T. -0.003 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47

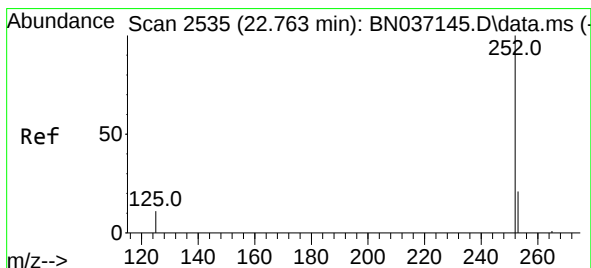
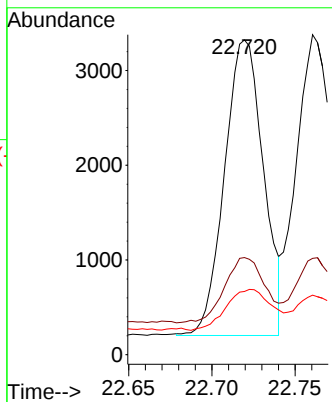
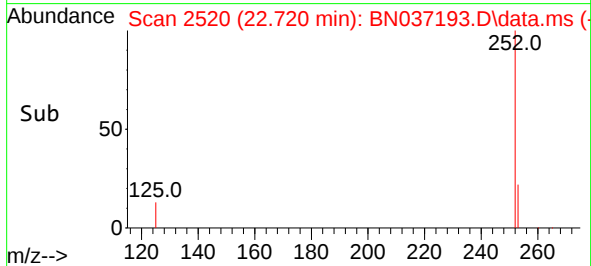
Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525MSD



Tgt Ion:252 Resp: 5075
Ion Ratio Lower Upper
252 100
253 30.9 22.3 33.5
125 20.1 13.2 19.8

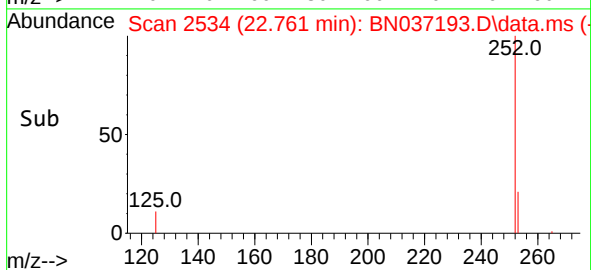
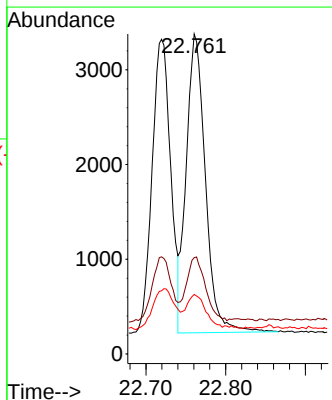
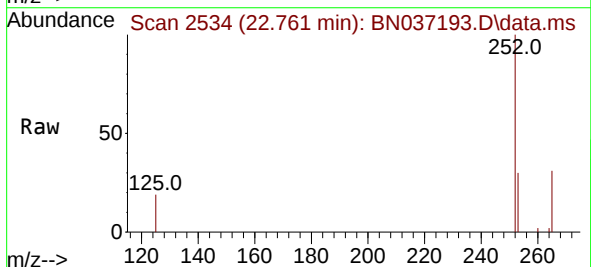
Manual Integrations
APPROVED

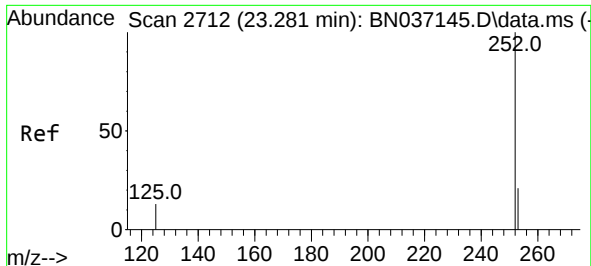
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#38
Benzo(k)fluoranthene
Concen: 0.383 ng
RT: 22.761 min Scan# 2534
Delta R.T. -0.003 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47

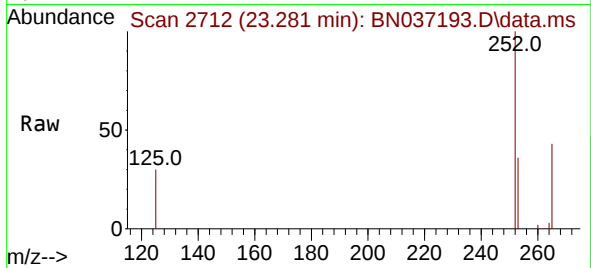
Tgt Ion:252 Resp: 5262
Ion Ratio Lower Upper
252 100
253 30.1 22.2 33.4
125 18.6 13.2 19.8





#39
Benzo(a)pyrene
Concen: 0.380 ng
RT: 23.281 min Scan# 2712
Delta R.T. 0.000 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47

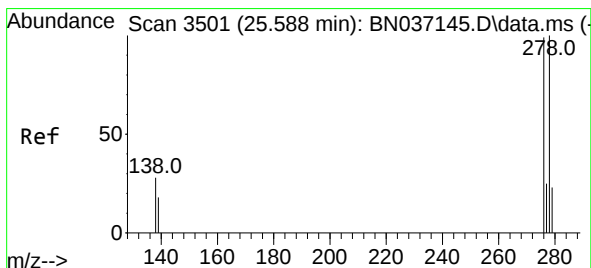
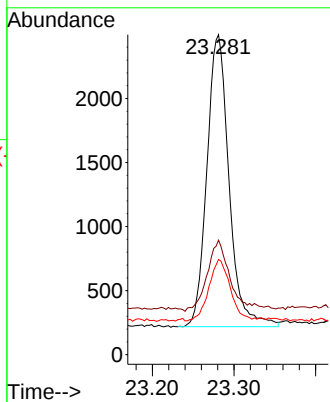
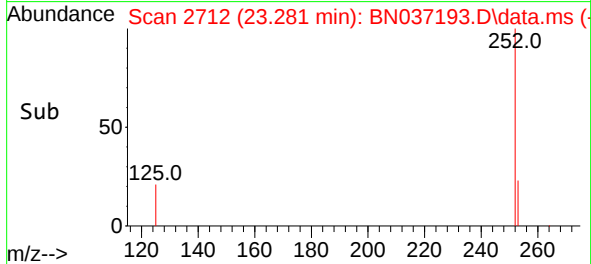
Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525MSD



Tgt Ion:252 Resp: 4280
Ion Ratio Lower Upper
252 100
253 35.8 25.0 37.4
125 29.7 17.0 25.6

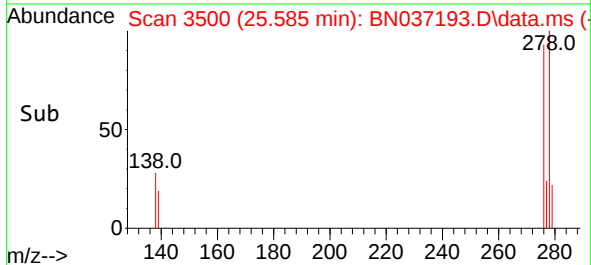
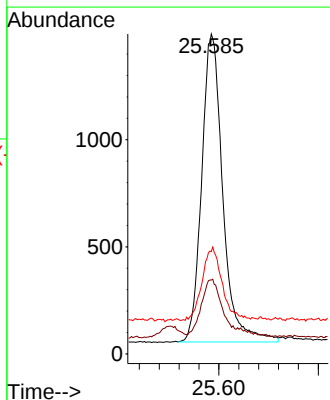
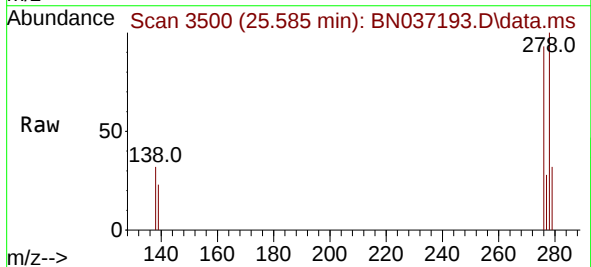
Manual Integrations
APPROVED

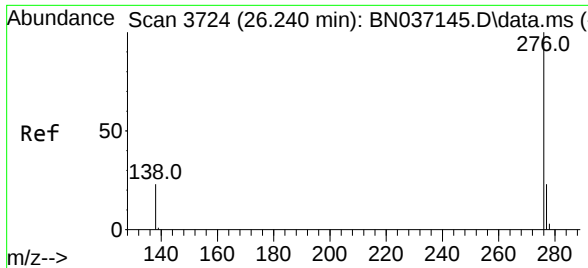
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#40
Dibenzo(a,h)anthracene
Concen: 0.414 ng
RT: 25.585 min Scan# 3500
Delta R.T. -0.003 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47

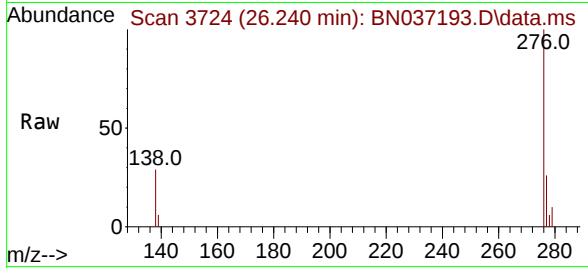
Tgt Ion:278 Resp: 4235
Ion Ratio Lower Upper
278 100
139 23.1 17.6 26.4
279 32.0 26.0 39.0





#41
Benzo(g,h,i)perylene
Concen: 0.383 ng
RT: 26.240 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN037193.D
Acq: 09 Jun 2025 15:47

Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525MSD



Tgt Ion:276 Resp: 4499
Ion Ratio Lower Upper
276 100
277 26.5 20.9 31.3
138 28.6 20.8 31.2

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

