

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012925\
 Data File : BN036118.D
 Acq On : 29 Jan 2025 21:43
 Operator : RC/JU
 Sample : Q1199-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-240-242

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :mohammad ahmed 01/31/2025

Quant Time: Jan 30 00:36:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 00:34:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.803	152	2471	0.400	ng	-0.01
7) Naphthalene-d8	10.600	136	5780	0.400	ng	-0.01
13) Acenaphthene-d10	14.442	164	3178	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	6949	0.400	ng	0.00
29) Chrysene-d12	21.376	240	5738	0.400	ng	# 0.00
35) Perylene-d12	23.672	264	5850	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.419	112	1197	0.186	ng	0.03
5) Phenol-d6	7.016	99	986	0.131	ng	0.04
8) Nitrobenzene-d5	8.956	82	1901	0.348	ng	0.00
11) 2-Methylnaphthalene-d10	12.187	152	2677	0.341	ng	-0.01
14) 2,4,6-Tribromophenol	15.933	330	666	0.327	ng	0.00
15) 2-Fluorobiphenyl	13.062	172	4374	0.308	ng	0.00
27) Fluoranthene-d10	19.216	212	7927	0.440	ng	0.00
31) Terphenyl-d14	19.815	244	6416	0.538	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.303	88	1080	0.391	ng	# 88
9) Naphthalene	10.643	128	521	0.031	ng	# 70
16) Acenaphthylene	14.153	152	318	0.021	ng	97
25) Phenanthrene	17.224	178	739m	0.035	ng	
34) Bis(2-ethylhexyl)phtha...	21.295	149	1619	0.142	ng	# 99

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

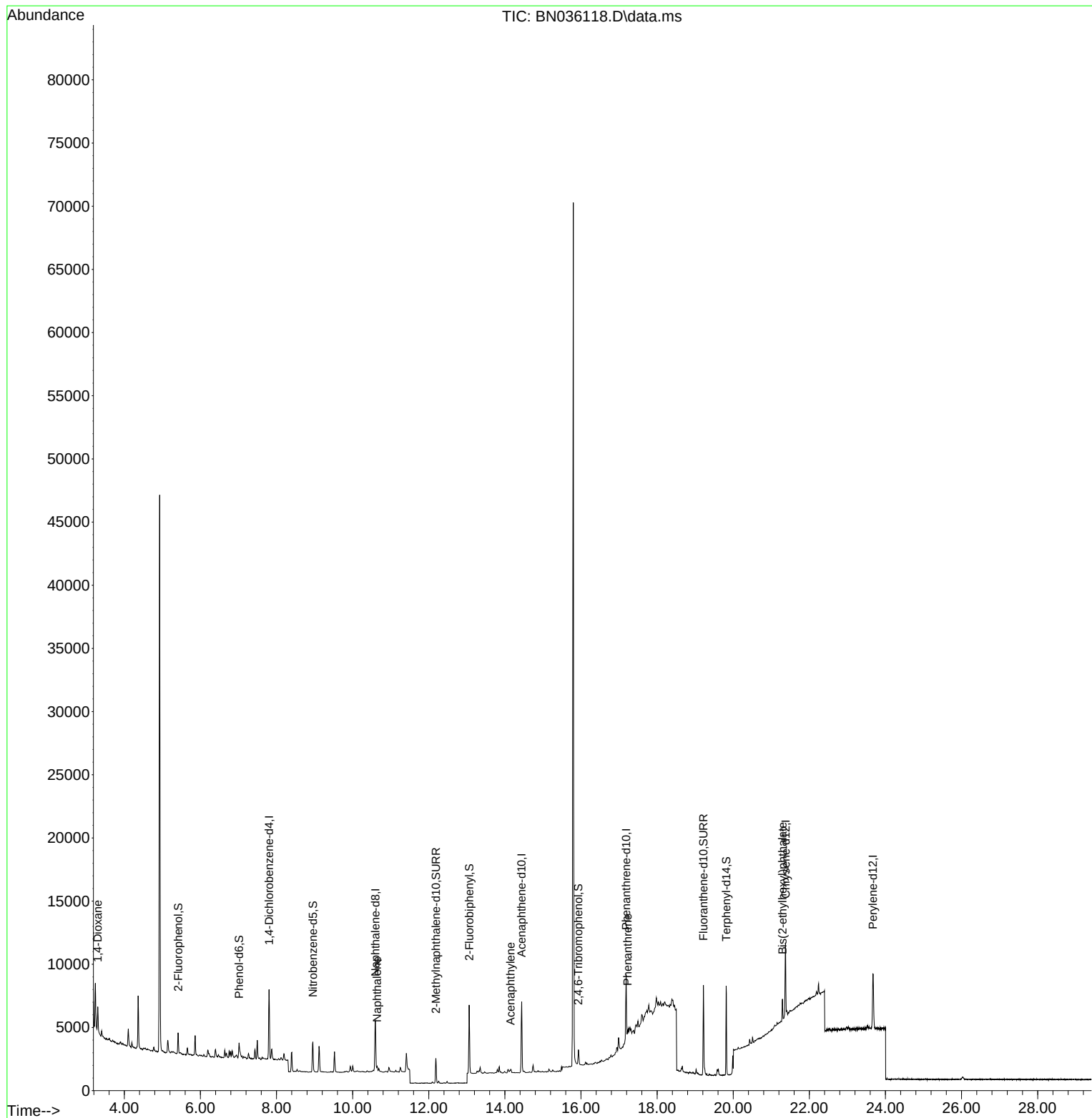
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012925\
Data File : BN036118.D
Acq On : 29 Jan 2025 21:43
Operator : RC/JU
Sample : Q1199-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

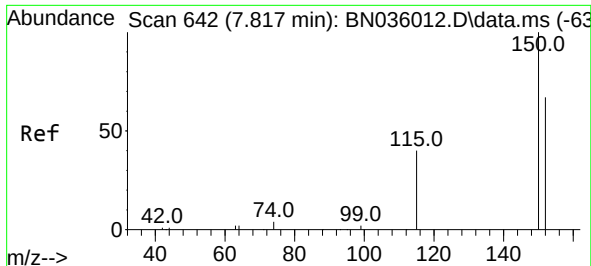
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-240-242

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

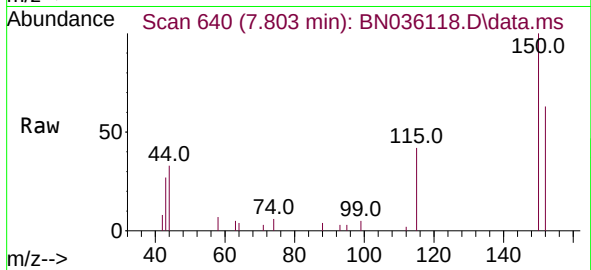
Quant Time: Jan 30 00:36:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 00:34:56 2025
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.803 min Scan# 64
 Delta R.T. -0.014 min
 Lab File: BN036118.D
 Acq: 29 Jan 2025 21:43

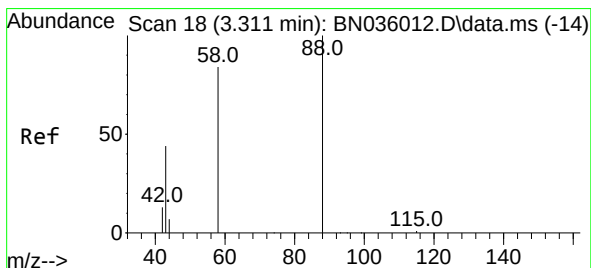
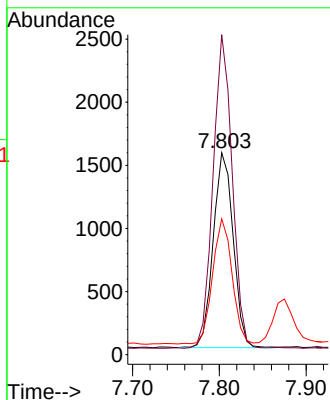
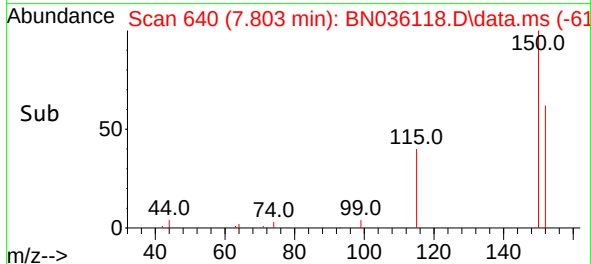
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-240-242



Tgt Ion: 152 Resp: 247
 Ion Ratio Lower Upper
 152 100
 150 158.4 117.4 176.2
 115 67.3 51.0 76.4

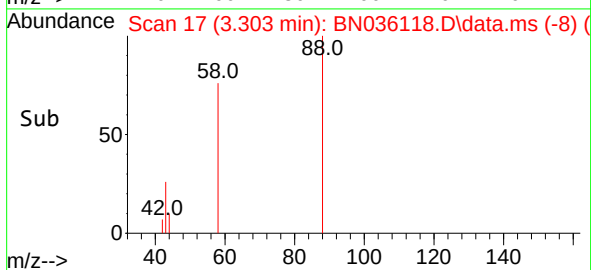
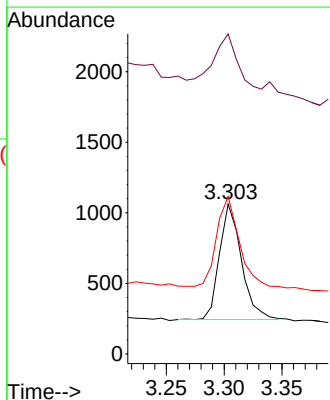
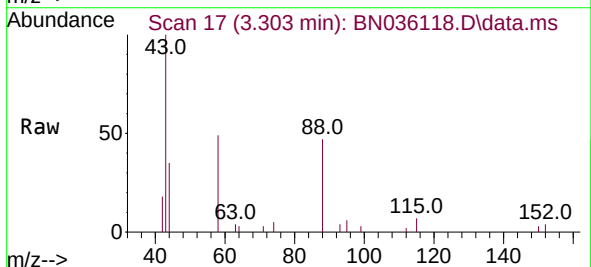
Manual Integrations
 APPROVED

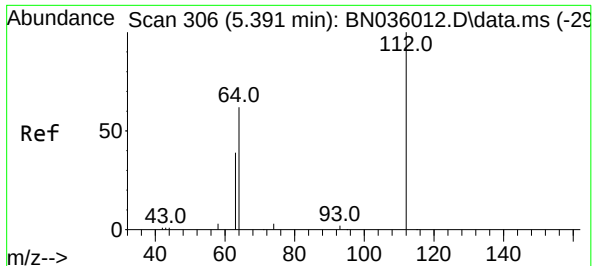
Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :mohammad ahmed 01/31/2025



#2
 1,4-Dioxane
 Concen: 0.391 ng
 RT: 3.303 min Scan# 17
 Delta R.T. -0.007 min
 Lab File: BN036118.D
 Acq: 29 Jan 2025 21:43

Tgt Ion: 88 Resp: 1080
 Ion Ratio Lower Upper
 88 100
 43 64.4 38.5 57.7#
 58 78.7 66.6 99.8





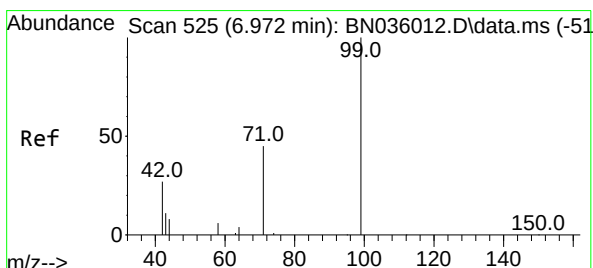
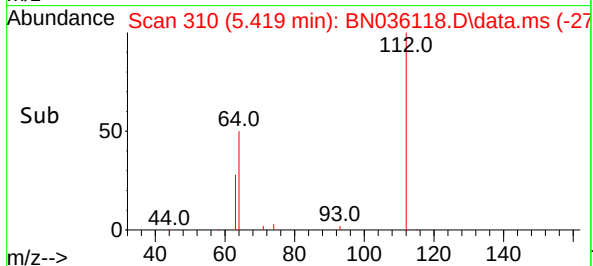
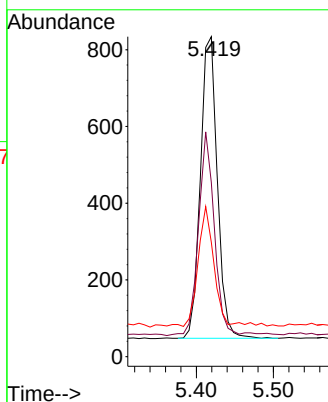
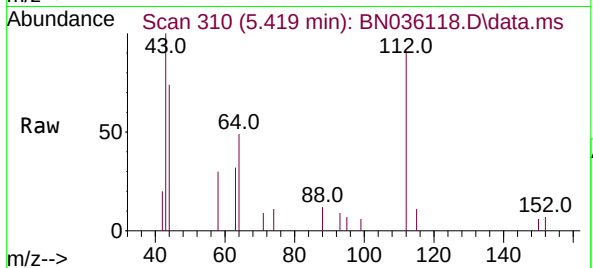
#4
2-Fluorophenol
Concen: 0.186 ng
RT: 5.419 min Scan# 310
Delta R.T. 0.029 min
Lab File: BN036118.D
Acq: 29 Jan 2025 21:43

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-240-242

Tgt Ion: 112 Resp: 119
Ion Ratio Lower Upper
112 100
64 63.2 50.0 75.0
63 38.3 30.7 46.1

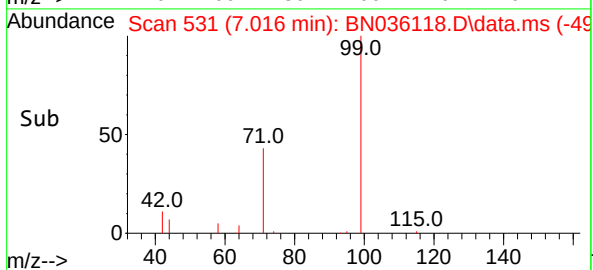
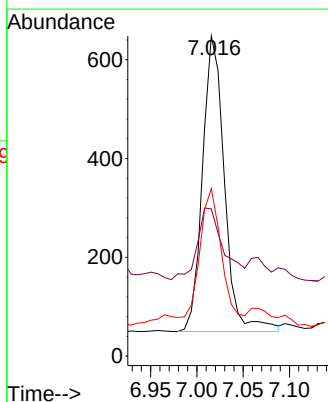
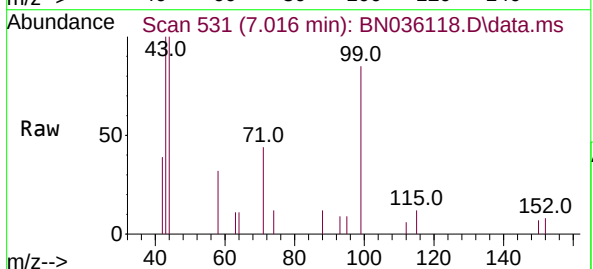
Manual Integrations
APPROVED

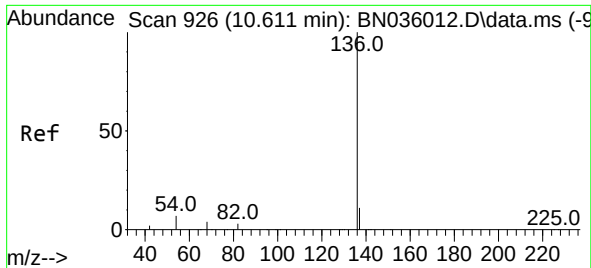
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#5
Phenol-d6
Concen: 0.131 ng
RT: 7.016 min Scan# 531
Delta R.T. 0.043 min
Lab File: BN036118.D
Acq: 29 Jan 2025 21:43

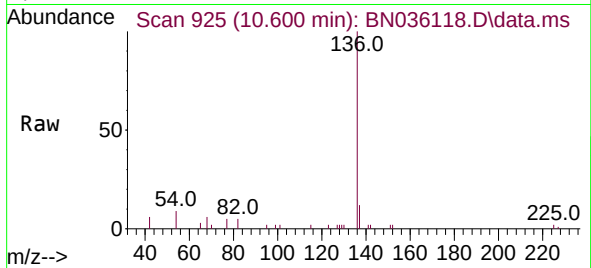
Tgt Ion: 99 Resp: 986
Ion Ratio Lower Upper
99 100
42 28.6 26.8 40.2
71 49.0 36.6 55.0





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.600 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN036118.D
Acq: 29 Jan 2025 21:43

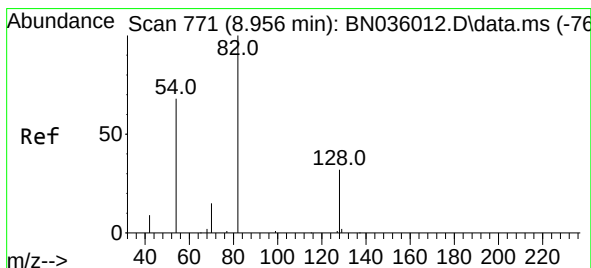
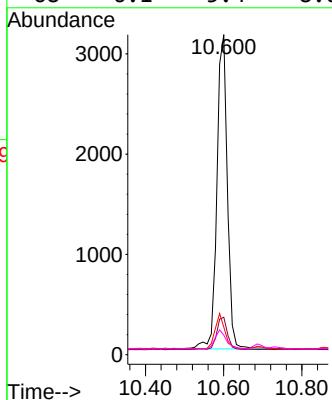
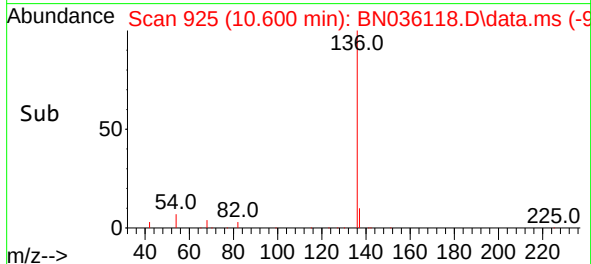
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-240-242



Tgt Ion:136 Resp: 5780
Ion Ratio Lower Upper
136 100
137 11.7 10.4 15.6
54 8.6 7.7 11.5
68 6.1 5.4 8.0

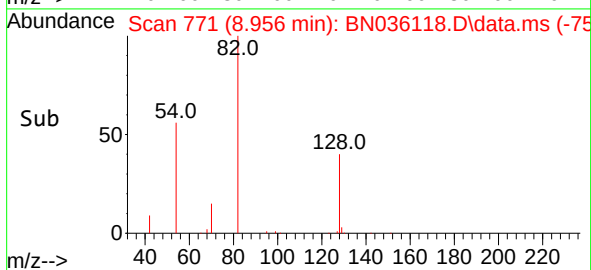
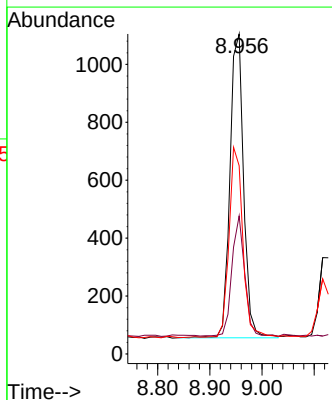
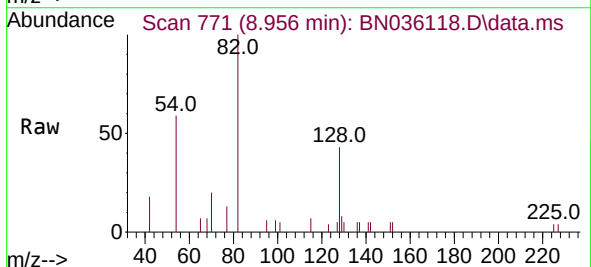
Manual Integrations
APPROVED

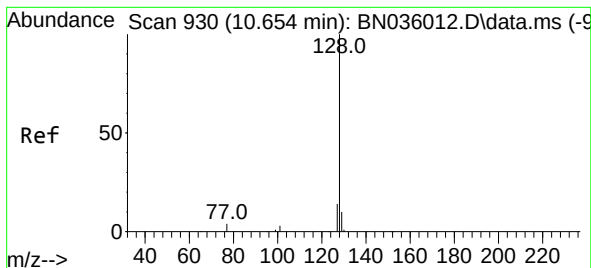
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#8
Nitrobenzene-d5
Concen: 0.348 ng
RT: 8.956 min Scan# 771
Delta R.T. 0.000 min
Lab File: BN036118.D
Acq: 29 Jan 2025 21:43

Tgt Ion: 82 Resp: 1901
Ion Ratio Lower Upper
82 100
128 43.2 28.8 43.2
54 58.8 55.8 83.8





#9

Naphthalene

Concen: 0.031 ng

RT: 10.643 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN036118.D

Acq: 29 Jan 2025 21:43

Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-GW-240-242

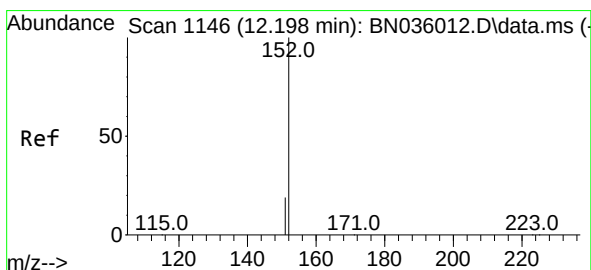
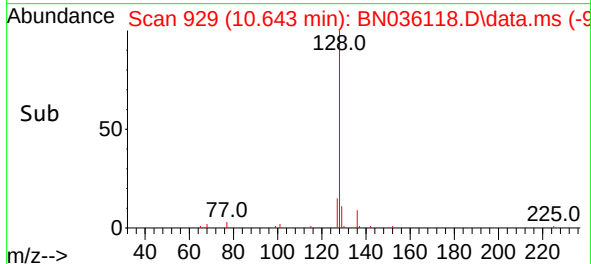
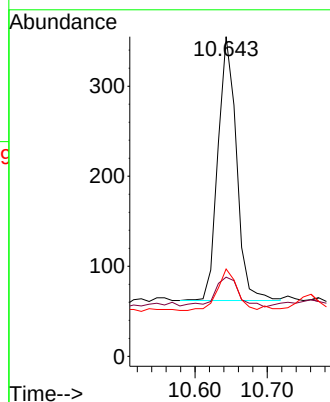
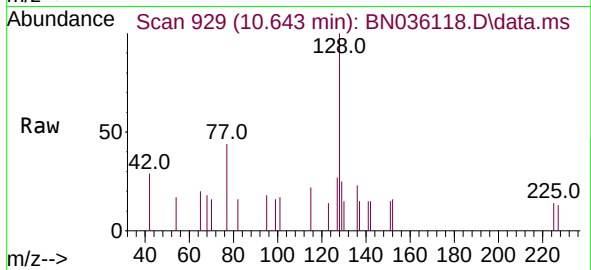
Tgt Ion:	128	Resp:	52
Ion Ratio	Lower	Upper	
128	100		
129	24.8	9.4	14.2
127	27.3	12.6	19.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 01/31/2025



#11

2-Methylnaphthalene-d10

Concen: 0.341 ng

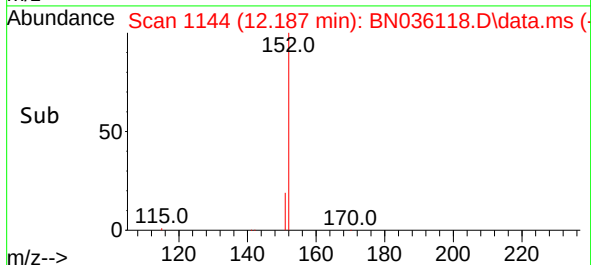
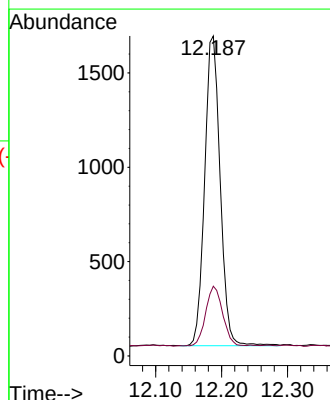
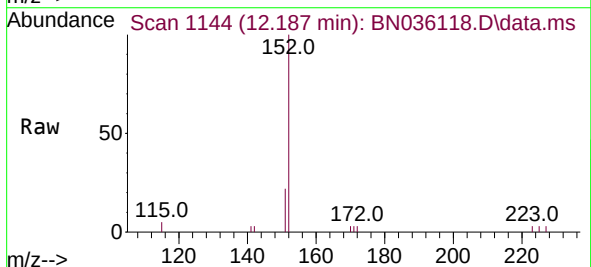
RT: 12.187 min Scan# 1144

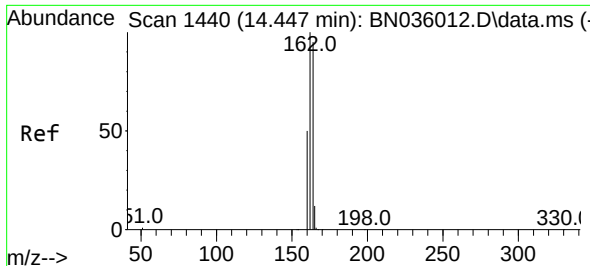
Delta R.T. -0.010 min

Lab File: BN036118.D

Acq: 29 Jan 2025 21:43

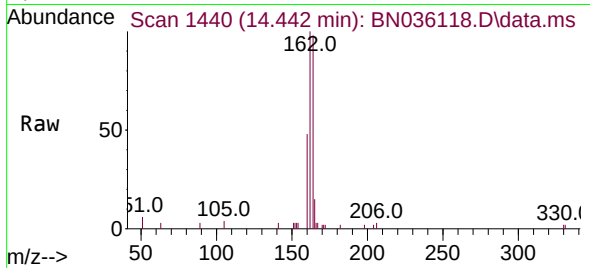
Tgt Ion:	152	Resp:	2677
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.6	25.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.442 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BN036118.D
Acq: 29 Jan 2025 21:43

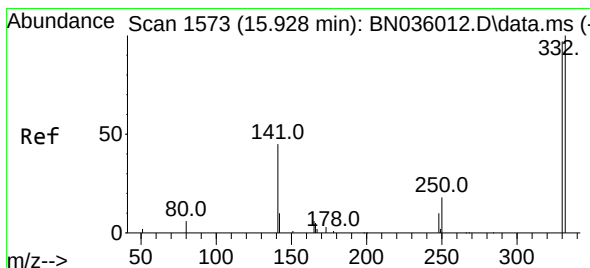
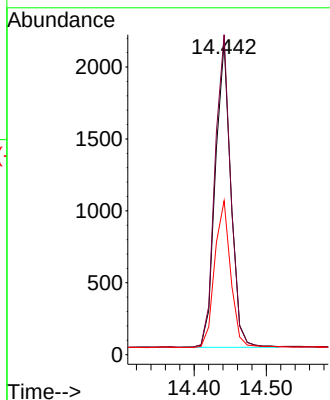
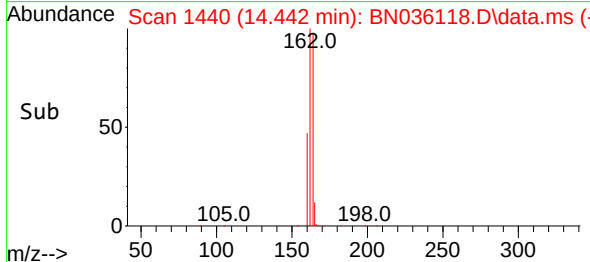
Instrument : BNA_N
ClientSampleId : BP-VPB-192-GW-240-242



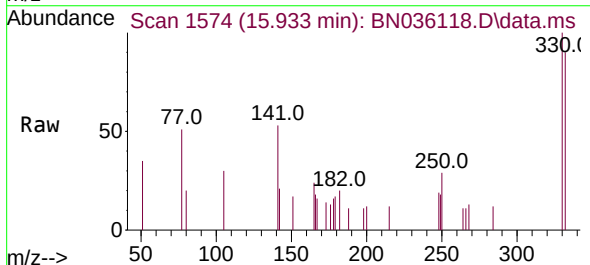
Tgt Ion:164 Resp: 3178
Ion Ratio Lower Upper
164 100
162 102.5 84.1 126.1
160 49.3 43.8 65.8

Manual Integrations
APPROVED

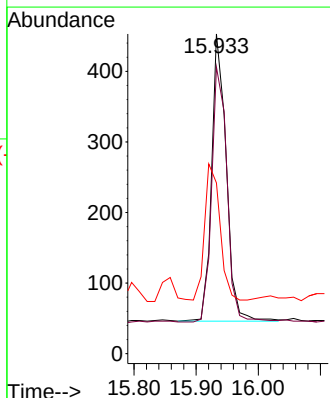
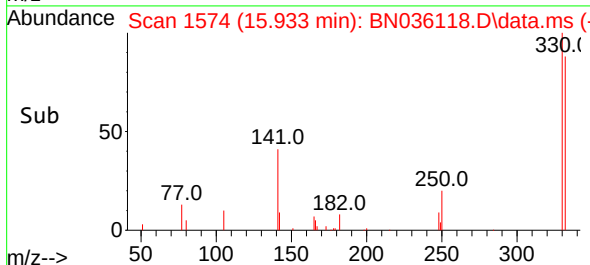
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

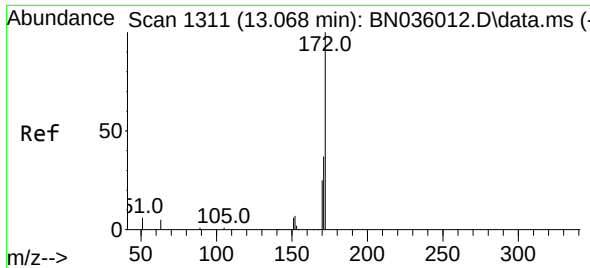


#14
2,4,6-Tribromophenol
Concen: 0.327 ng
RT: 15.933 min Scan# 1574
Delta R.T. 0.005 min
Lab File: BN036118.D
Acq: 29 Jan 2025 21:43



Tgt Ion:330 Resp: 666
Ion Ratio Lower Upper
330 100
332 93.5 81.0 121.4
141 50.5 36.7 55.1





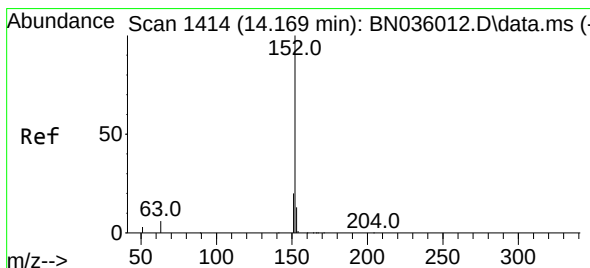
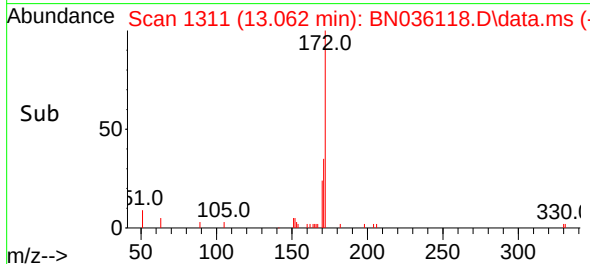
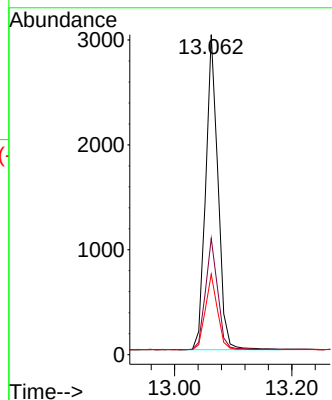
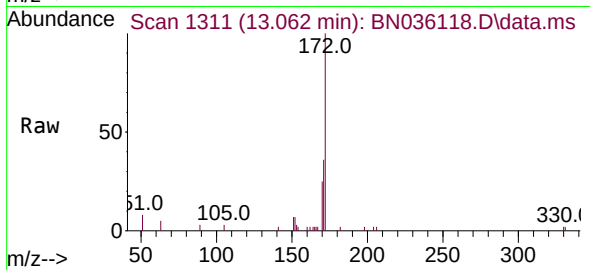
#15
2-Fluorobiphenyl
Concen: 0.308 ng
RT: 13.062 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN036118.D
Acq: 29 Jan 2025 21:43

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-240-242

Tgt Ion:172 Resp: 4374
Ion Ratio Lower Upper
172 100
171 36.3 30.9 46.3
170 25.1 21.2 31.8

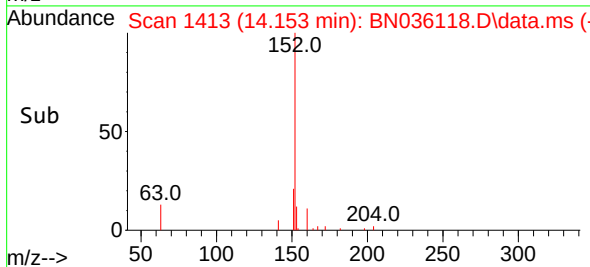
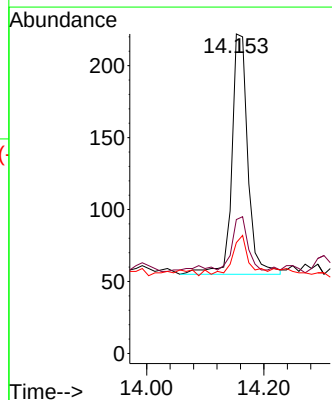
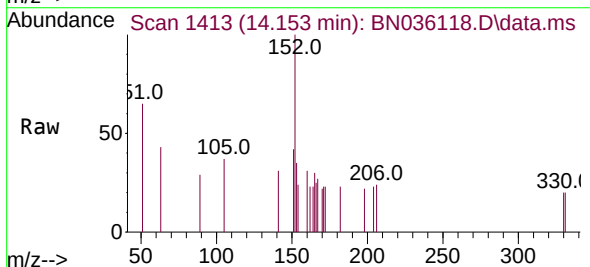
Manual Integrations
APPROVED

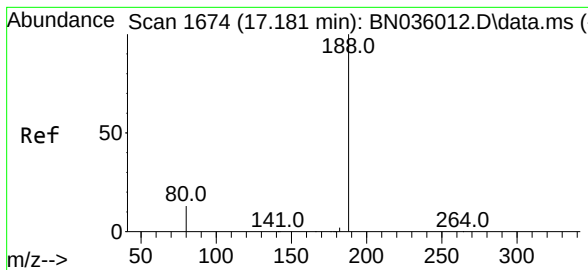
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#16
Acenaphthylene
Concen: 0.021 ng
RT: 14.153 min Scan# 1413
Delta R.T. -0.016 min
Lab File: BN036118.D
Acq: 29 Jan 2025 21:43

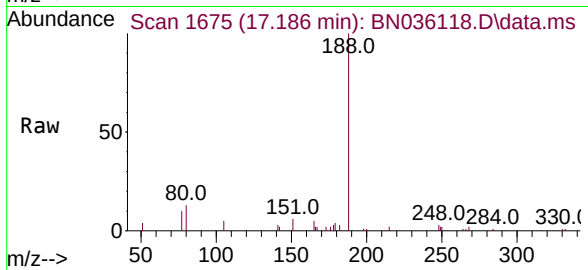
Tgt Ion:152 Resp: 318
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.2
153 15.4 10.4 15.6





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1675
Delta R.T. 0.005 min
Lab File: BN036118.D
Acq: 29 Jan 2025 21:43

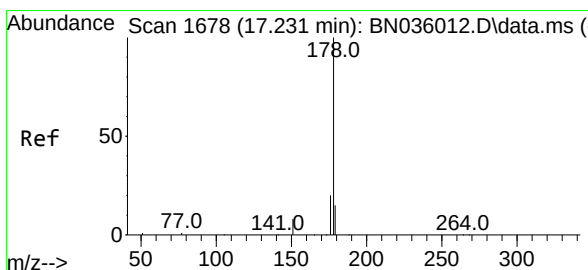
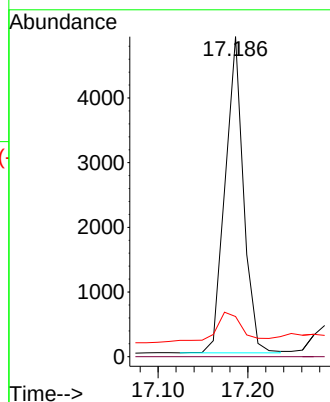
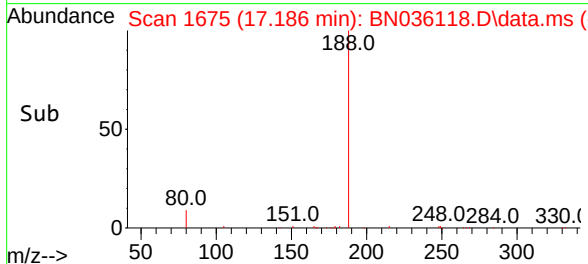
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-240-242



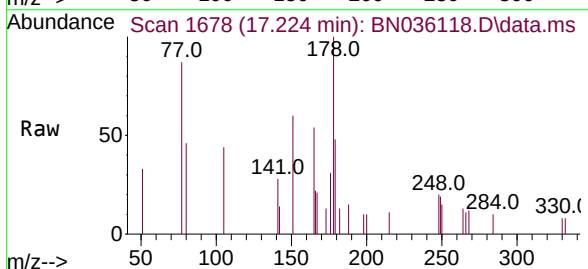
Tgt Ion:188 Resp: 6949
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 12.3 18.5

Manual Integrations
APPROVED

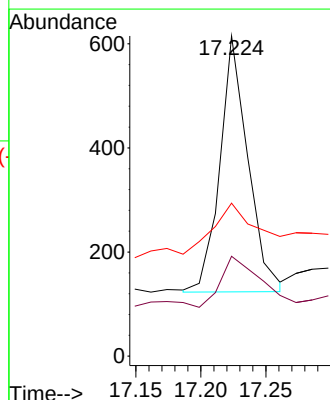
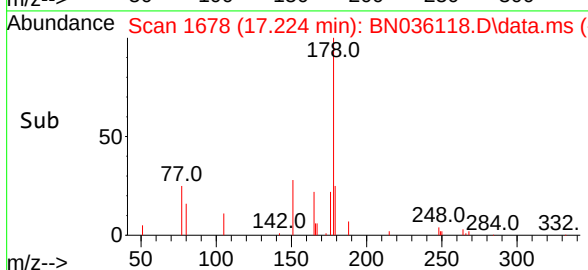
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

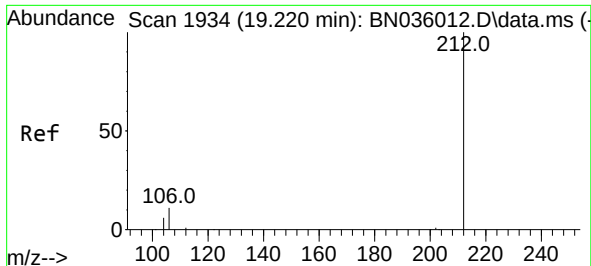


#25
Phenanthrene
Concen: 0.035 ng m
RT: 17.224 min Scan# 1678
Delta R.T. -0.007 min
Lab File: BN036118.D
Acq: 29 Jan 2025 21:43



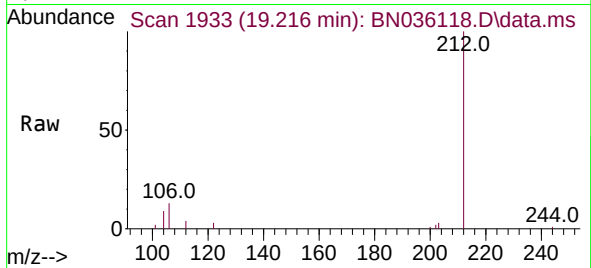
Tgt Ion:178 Resp: 739
Ion Ratio Lower Upper
178 100
176 28.4 16.0 24.0#
179 68.1 12.4 18.6#





#27
Fluoranthene-d10
Concen: 0.440 ng
RT: 19.216 min Scan# 1933
Delta R.T. -0.004 min
Lab File: BN036118.D
Acq: 29 Jan 2025 21:43

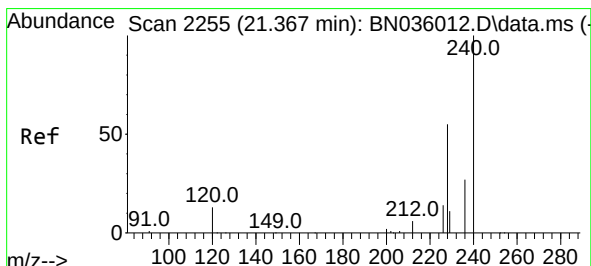
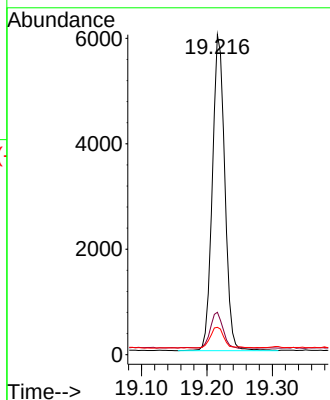
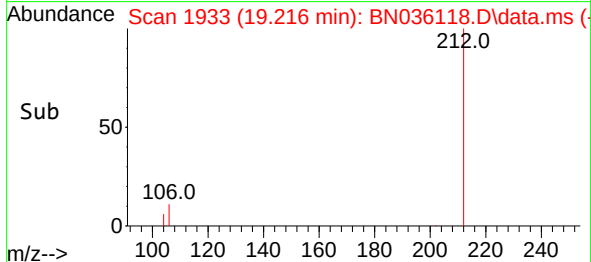
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-240-242



Tgt Ion:212 Resp: 7927
Ion Ratio Lower Upper
212 100
106 11.4 9.7 14.5
104 6.9 6.0 9.0

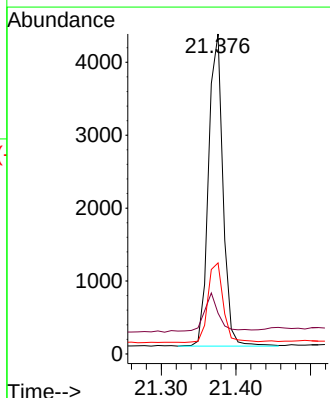
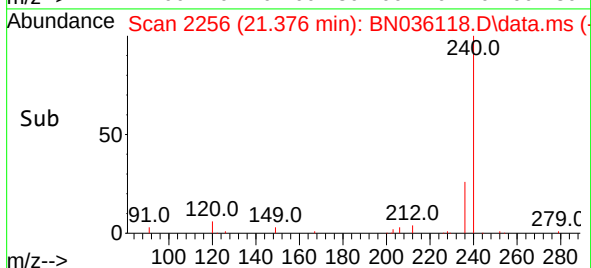
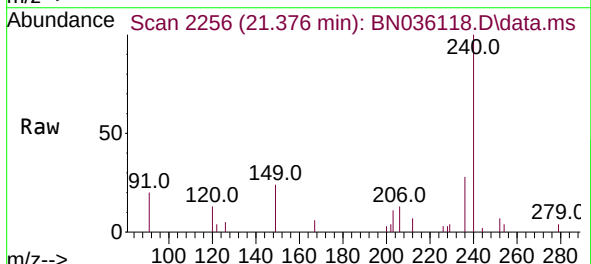
Manual Integrations
APPROVED

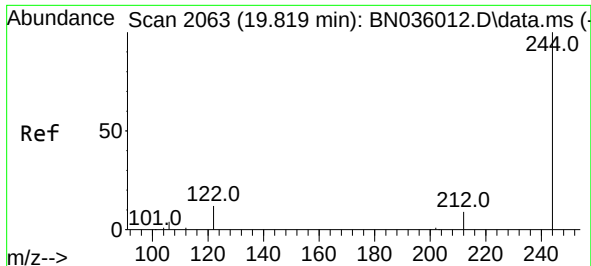
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 2256
Delta R.T. 0.009 min
Lab File: BN036118.D
Acq: 29 Jan 2025 21:43

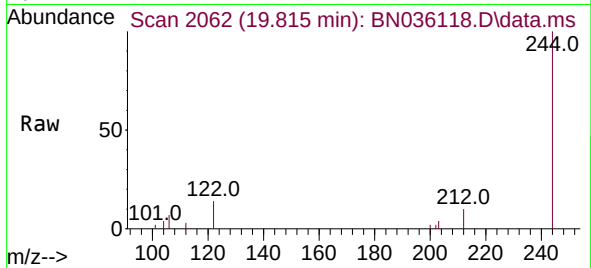
Tgt Ion:240 Resp: 5738
Ion Ratio Lower Upper
240 100
120 12.8 13.9 20.9#
236 28.5 23.7 35.5





#31
 Terphenyl-d14
 Concen: 0.538 ng
 RT: 19.815 min Scan# 2063
 Delta R.T. -0.004 min
 Lab File: BN036118.D
 Acq: 29 Jan 2025 21:43

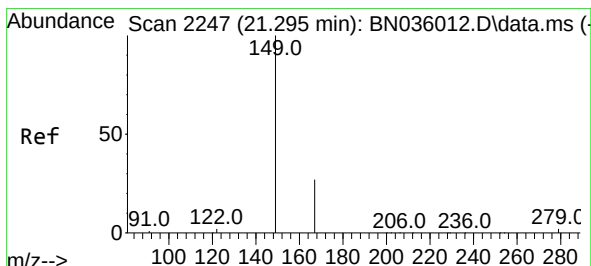
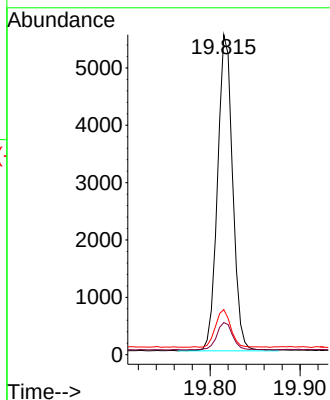
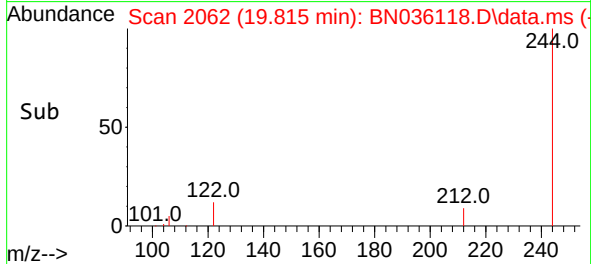
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-240-242



Tgt Ion:244 Resp: 6410
 Ion Ratio Lower Upper
 244 100
 212 10.0 9.1 13.7
 122 14.1 11.3 16.9

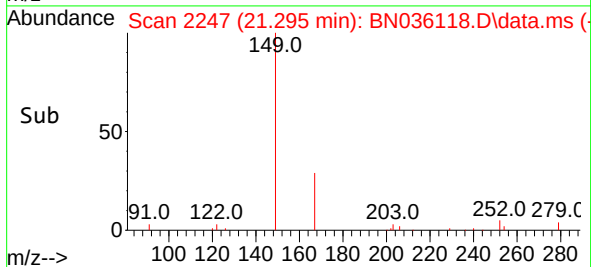
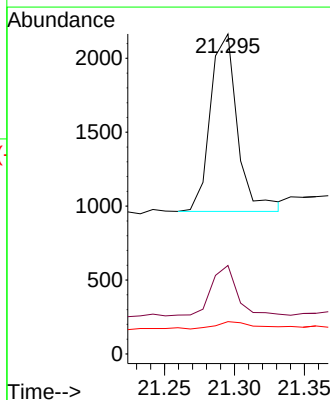
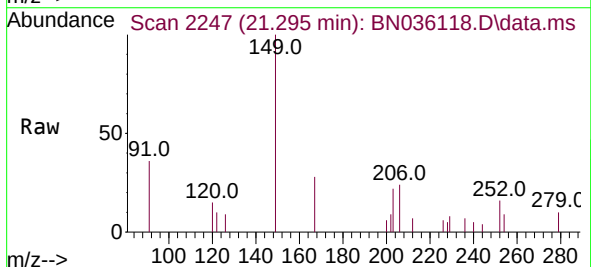
Manual Integrations
 APPROVED

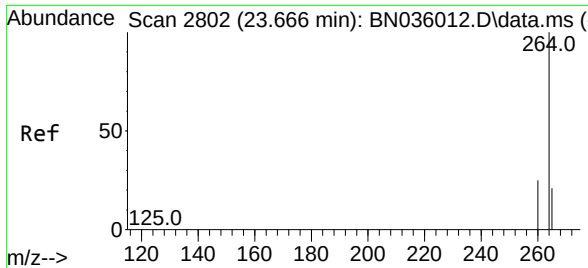
Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :mohammad ahmed 01/31/2025



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.142 ng
 RT: 21.295 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: BN036118.D
 Acq: 29 Jan 2025 21:43

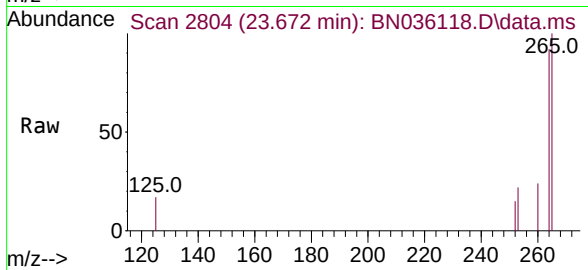
Tgt Ion:149 Resp: 1619
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.9 32.9
 279 5.9 3.0 4.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.672 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN036118.D
Acq: 29 Jan 2025 21:43

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-240-242



Tgt Ion:264 Resp: 5850
Ion Ratio Lower Upper
264 100
260 26.2 21.8 32.6
265 108.7 56.6 84.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

