

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035739.D
 Acq On : 20 Dec 2024 13:29
 Operator : RC/JU
 Sample : P5261-18
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20241210

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 20 14:18:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.272	152	3452	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	8881	0.400	ng	# 0.00
13) Acenaphthene-d10	13.935	164	5884	0.400	ng	0.00
19) Phenanthrene-d10	16.711	188	11860	0.400	ng	# 0.01
29) Chrysene-d12	20.956	240	10328	0.400	ng	# 0.00
35) Perylene-d12	23.044	264	10315	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	1173	0.136	ng	0.00
5) Phenol-d6	6.492	99	660	0.064	ng	0.00
8) Nitrobenzene-d5	8.408	82	2040m	0.376	ng	0.00
11) 2-Methylnaphthalene-d10	11.626	152	4976	0.358	ng	0.00
14) 2,4,6-Tribromophenol	15.464	330	758	0.181	ng	0.01
15) 2-Fluorobiphenyl	12.544	172	7160	0.322	ng	0.00
27) Fluoranthene-d10	18.762	212	13658	0.406	ng	0.00
31) Terphenyl-d14	19.389	244	10711	0.526	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.982	88	12453	3.774	ng	100
34) Bis(2-ethylhexyl)phtha...	20.911	149	901	0.063	ng	# 93

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

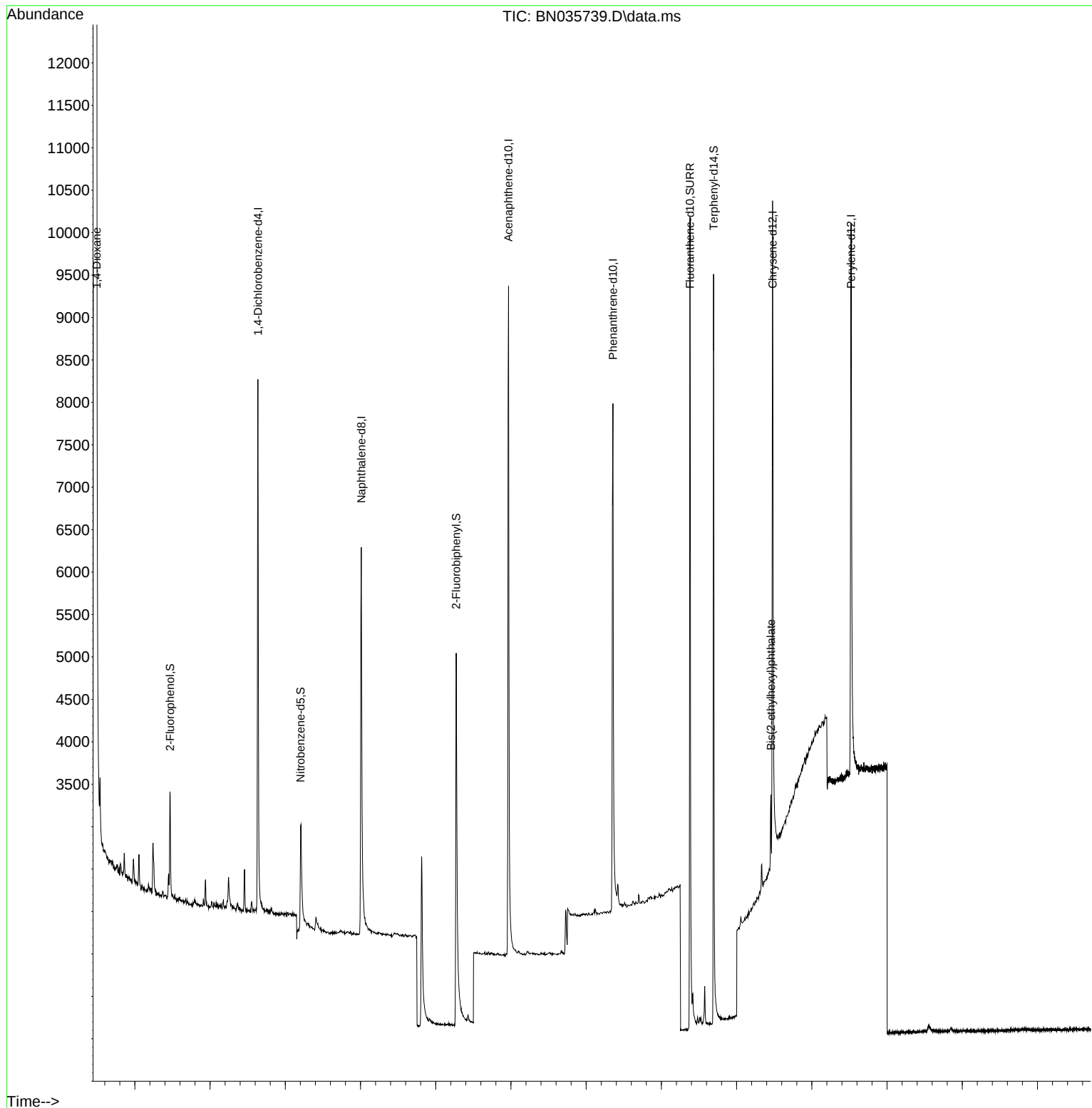
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
Data File : BN035739.D
Acq On : 20 Dec 2024 13:29
Operator : RC/JU
Sample : P5261-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

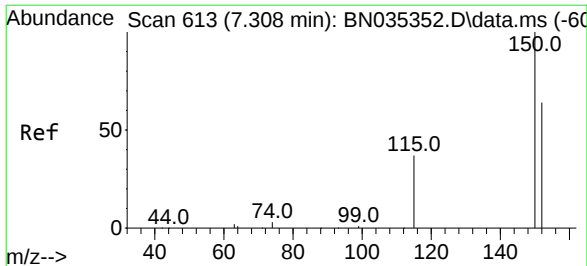
Instrument :
BNA_N
ClientSampleId :
RE120D2-20241210

Quant Time: Dec 20 14:18:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

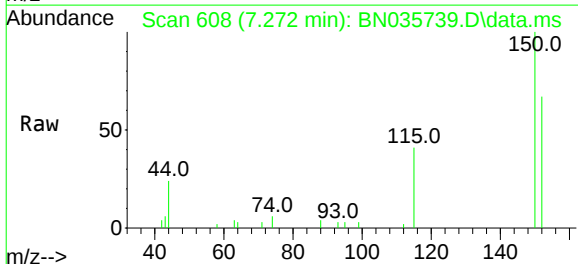
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.272 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN035739.D
Acq: 20 Dec 2024 13:29

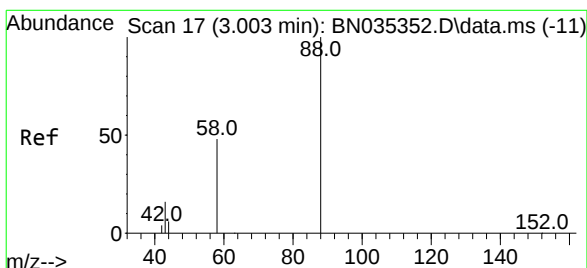
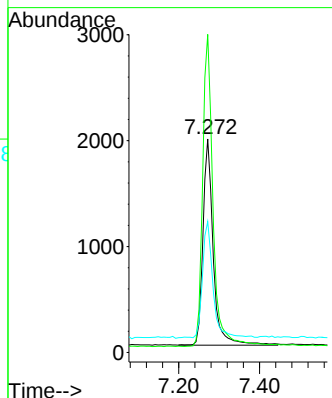
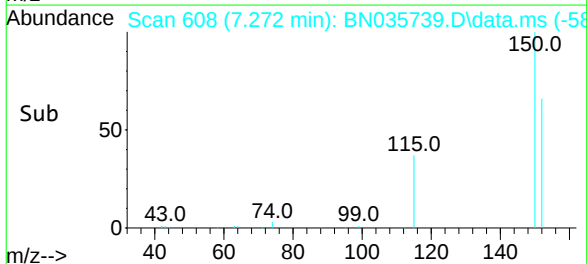
Instrument :
BNA_N
ClientSampleId :
RE120D2-20241210



Tgt Ion: 152 Resp: 3452
Ion Ratio Lower Upper
152 100
150 149.0 124.0 186.0
115 61.3 49.6 74.4

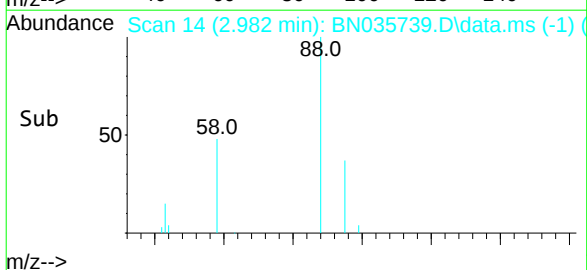
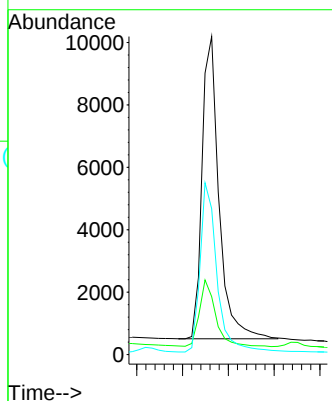
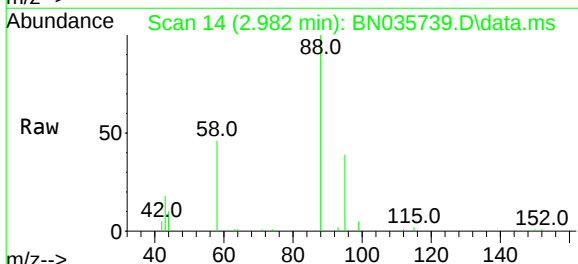
Manual Integrations
APPROVED

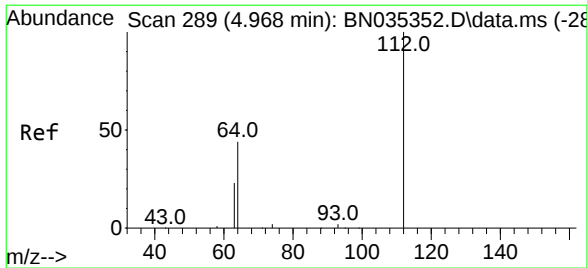
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#2
1,4-Dioxane
Concen: 3.774 ng
RT: 2.982 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN035739.D
Acq: 20 Dec 2024 13:29

Tgt Ion: 88 Resp: 12453
Ion Ratio Lower Upper
88 100
43 21.0 17.2 25.8
58 55.6 44.5 66.7





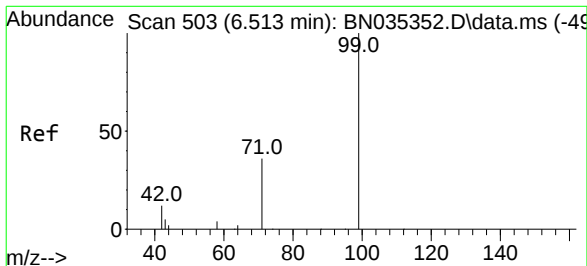
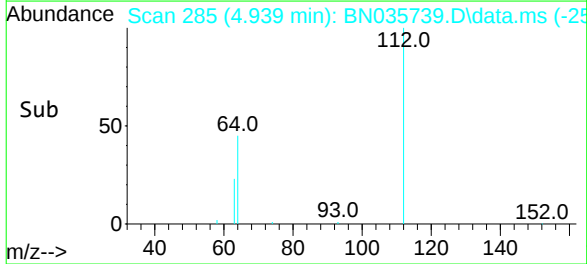
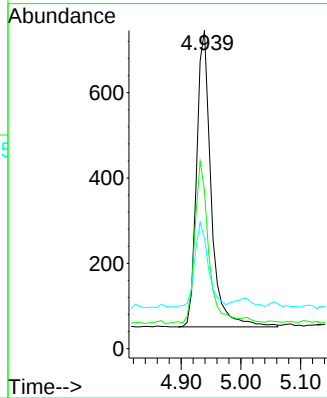
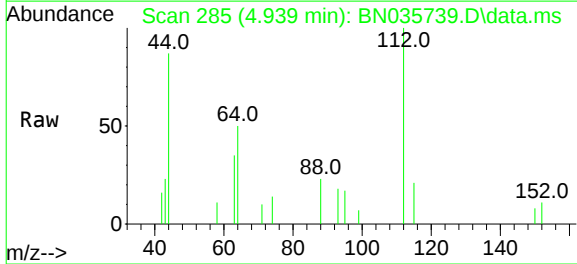
#4
2-Fluorophenol
Concen: 0.136 ng
RT: 4.939 min Scan# 289
Delta R.T. 0.000 min
Lab File: BN035739.D
Acq: 20 Dec 2024 13:29

Instrument :
BNA_N
ClientSampleId :
RE120D2-20241210

Tgt Ion:	112	Resp:	1173
Ion	Ratio	Lower	Upper
112	100		
64	51.6	39.8	59.8
63	26.6	21.0	31.6

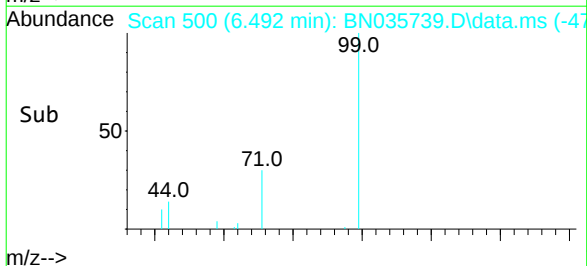
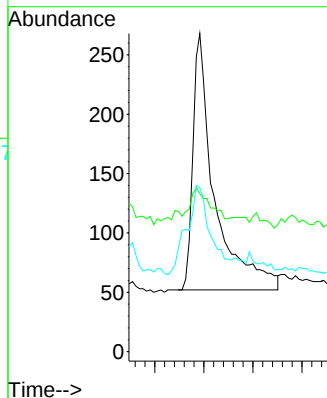
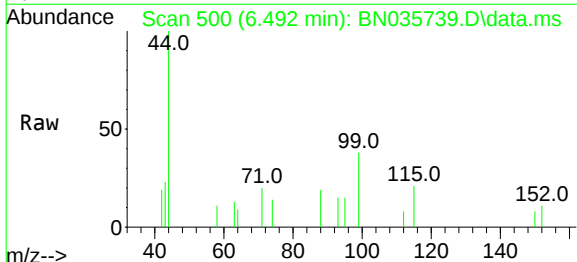
Manual Integrations
APPROVED

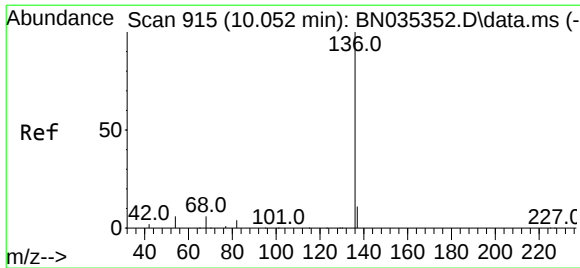
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#5
Phenol-d6
Concen: 0.064 ng
RT: 6.492 min Scan# 500
Delta R.T. 0.000 min
Lab File: BN035739.D
Acq: 20 Dec 2024 13:29

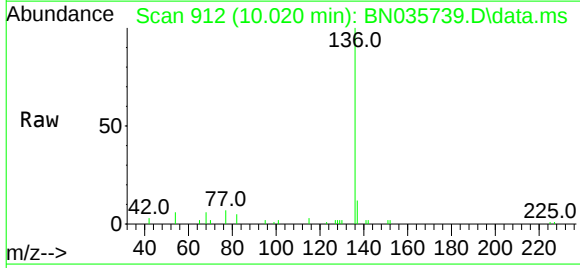
Tgt Ion:	99	Resp:	660
Ion	Ratio	Lower	Upper
99	100		
42	10.6	11.4	17.2
71	38.8	29.3	43.9





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN035739.D
Acq: 20 Dec 2024 13:29

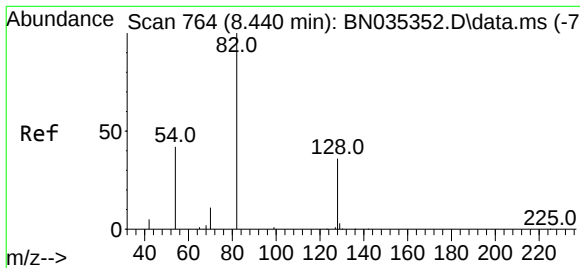
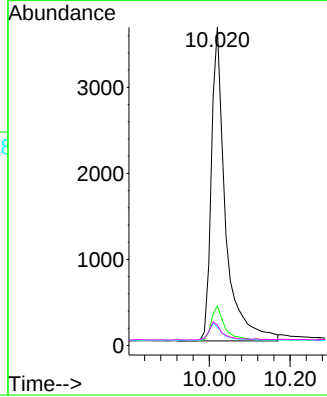
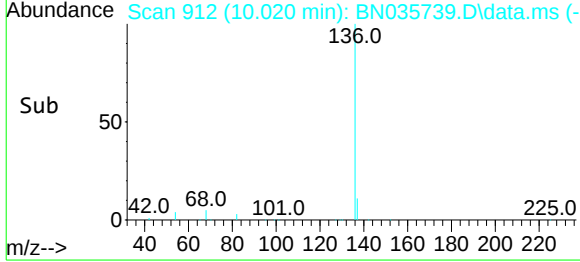
Instrument :
BNA_N
ClientSampleId :
RE120D2-20241210



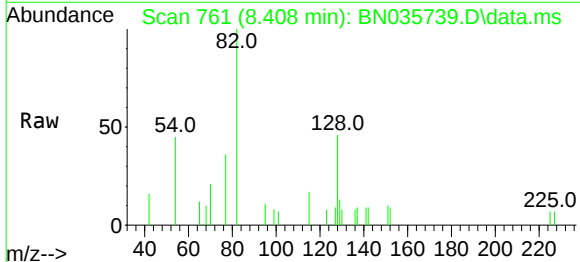
Tgt Ion:	136	Resp:	8881
Ion Ratio	Lower	Upper	
136	100		
137	12.5	10.2	15.2
54	5.8	6.1	9.1#
68	6.3	6.4	9.6#

Manual Integrations
APPROVED

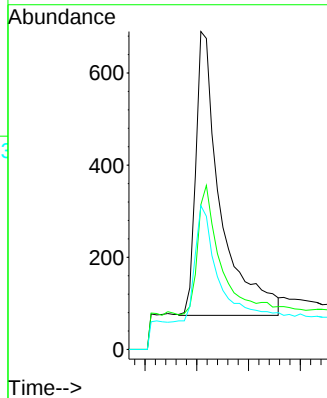
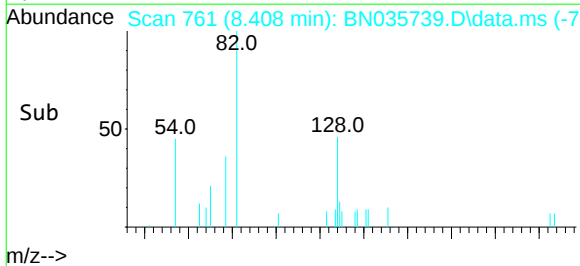
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

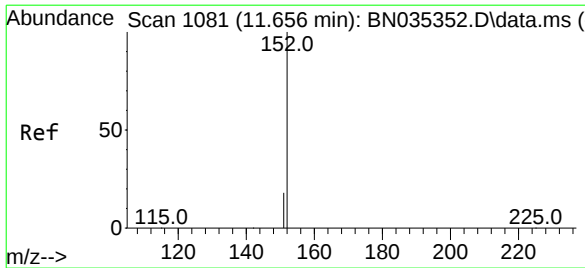


#8
Nitrobenzene-d5
Concen: 0.376 ng m
RT: 8.408 min Scan# 761
Delta R.T. 0.000 min
Lab File: BN035739.D
Acq: 20 Dec 2024 13:29



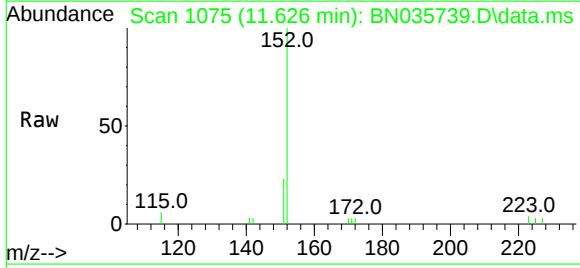
Tgt Ion:	82	Resp:	2040
Ion Ratio	Lower	Upper	
82	100		
128	45.5	33.4	50.0
54	45.2	36.7	55.1





#11
2-Methylnaphthalene-d10
Concen: 0.358 ng
RT: 11.626 min Scan# 1075
Delta R.T. 0.005 min
Lab File: BN035739.D
Acq: 20 Dec 2024 13:29

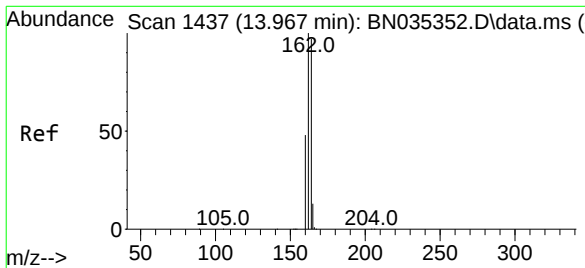
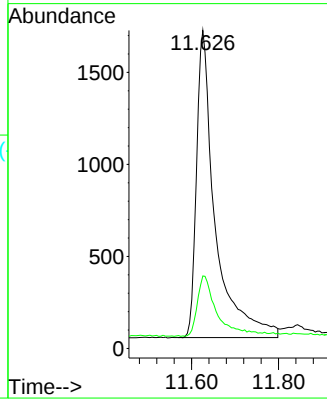
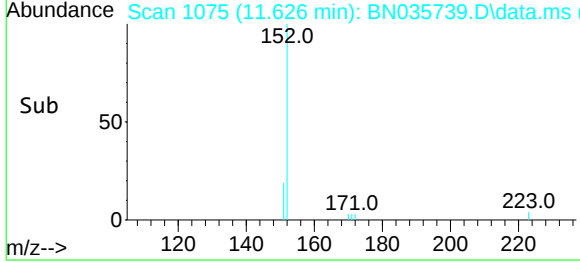
Instrument :
BNA_N
ClientSampleId :
RE120D2-20241210



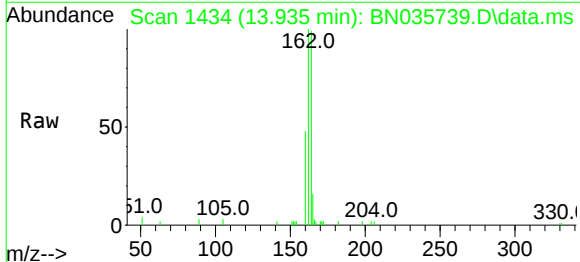
Tgt Ion:152 Resp: 4976
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0

Manual Integrations
APPROVED

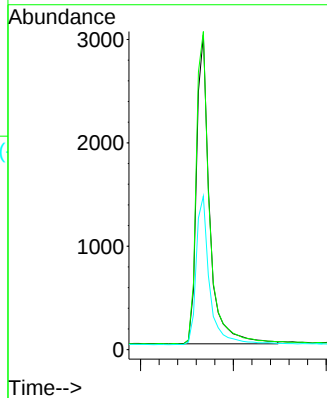
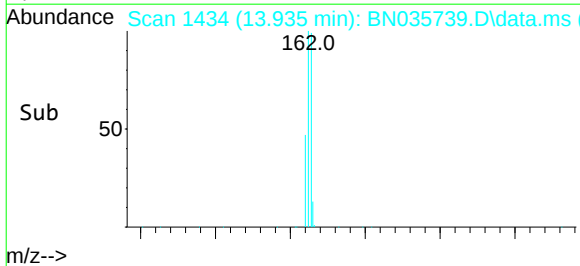
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

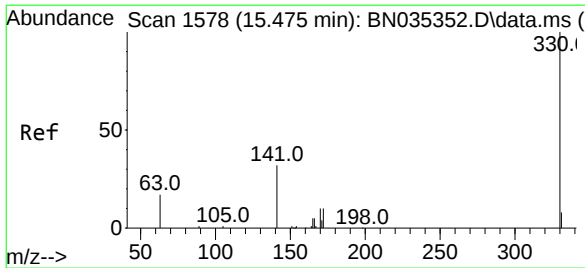


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.935 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BN035739.D
Acq: 20 Dec 2024 13:29



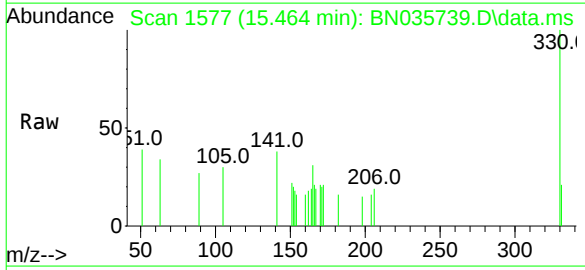
Tgt Ion:164 Resp: 5884
Ion Ratio Lower Upper
164 100
162 101.1 82.2 123.2
160 48.8 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.181 ng
RT: 15.464 min Scan# 1578
Delta R.T. 0.011 min
Lab File: BN035739.D
Acq: 20 Dec 2024 13:29

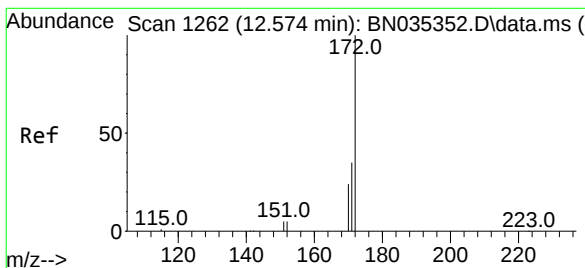
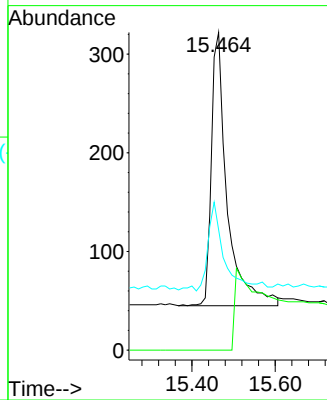
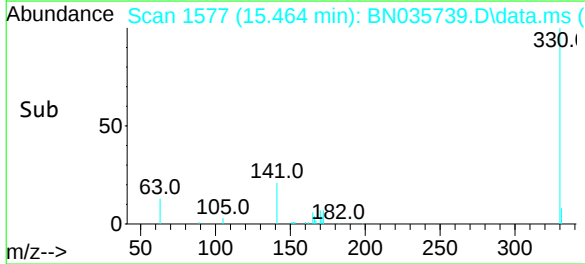
Instrument :
BNA_N
ClientSampleId :
RE120D2-20241210



Tgt Ion:	330	Resp:	758
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.1	26.6	40.0

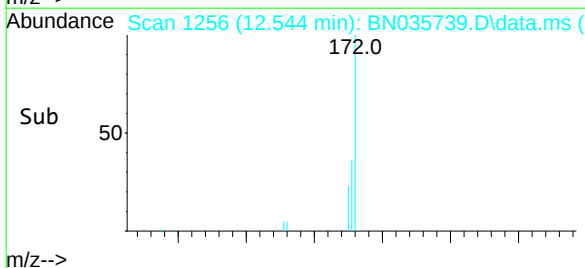
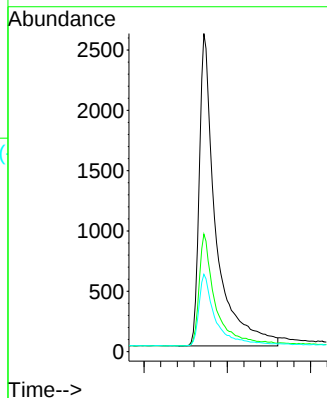
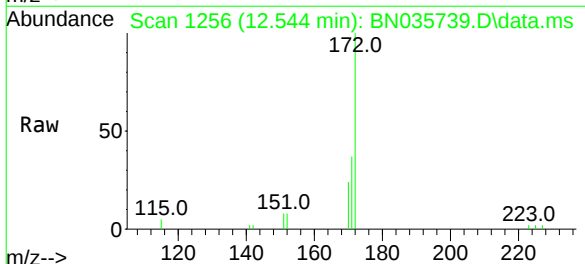
Manual Integrations
APPROVED

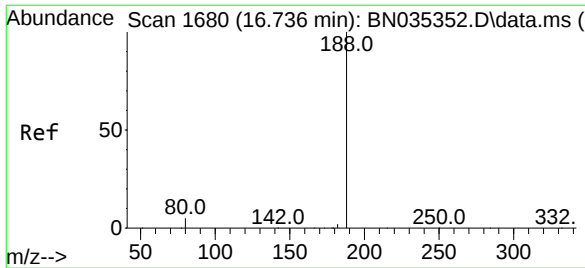
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#15
2-Fluorobiphenyl
Concen: 0.322 ng
RT: 12.544 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BN035739.D
Acq: 20 Dec 2024 13:29

Tgt Ion:	172	Resp:	7160
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.4
170	24.3	19.8	29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.711 min Scan# 16

Delta R.T. 0.012 min

Lab File: BN035739.D

Acq: 20 Dec 2024 13:29

Instrument :

BNA_N

ClientSampleId :

RE120D2-20241210

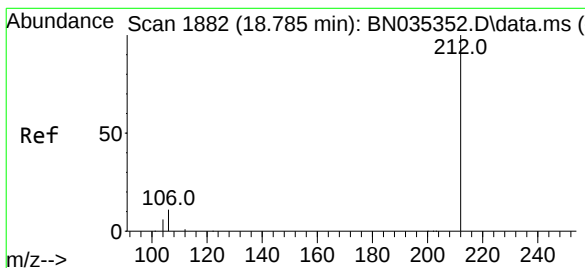
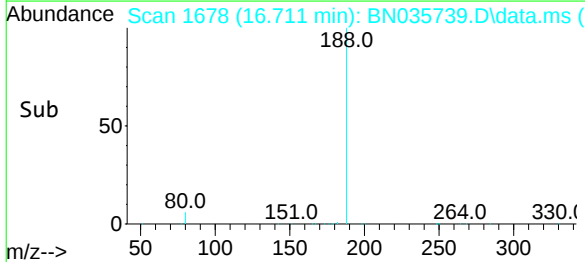
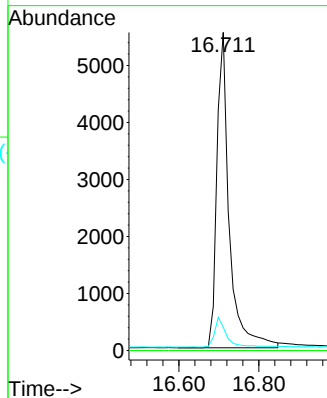
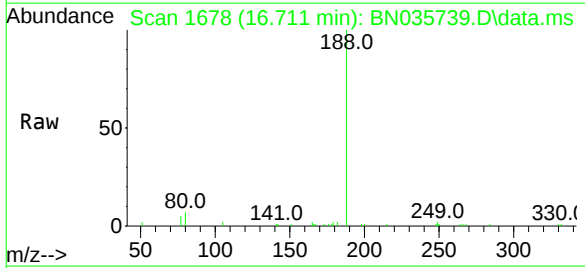
Tgt Ion:	188	Resp:	11860
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.3	4.6	6.8#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/24/2024



#27

Fluoranthene-d10

Concen: 0.406 ng

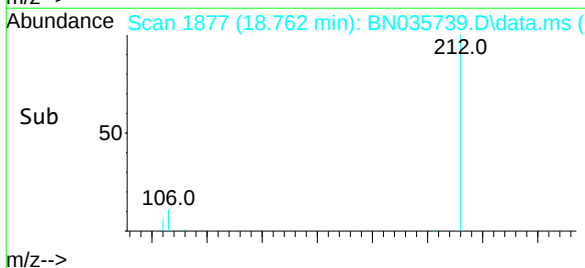
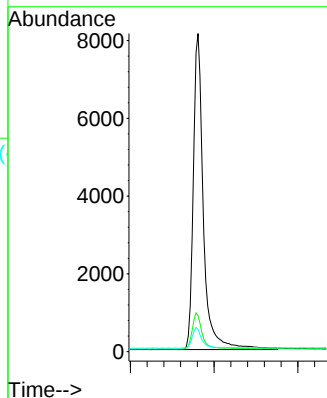
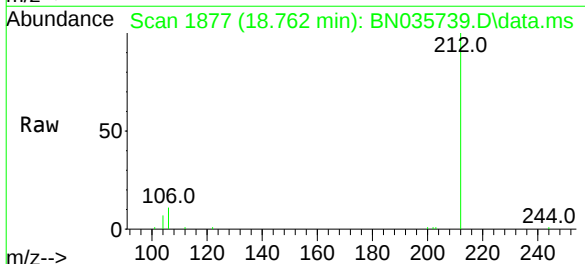
RT: 18.762 min Scan# 1877

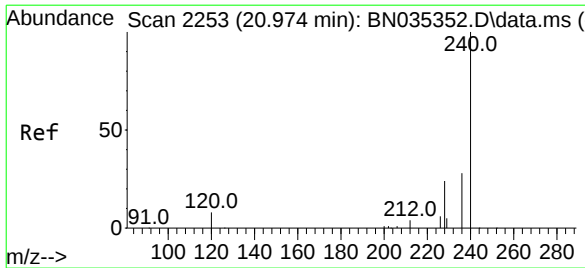
Delta R.T. 0.000 min

Lab File: BN035739.D

Acq: 20 Dec 2024 13:29

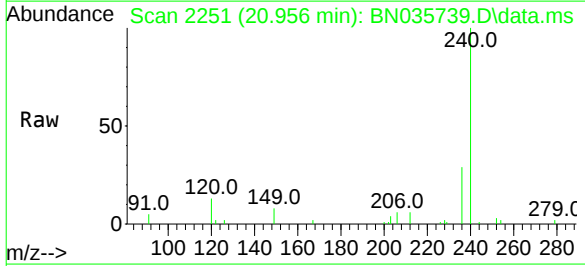
Tgt Ion:	212	Resp:	13658
Ion Ratio	Lower	Upper	
212	100		
106	10.9	9.2	13.8
104	6.2	5.3	7.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BN035739.D
Acq: 20 Dec 2024 13:29

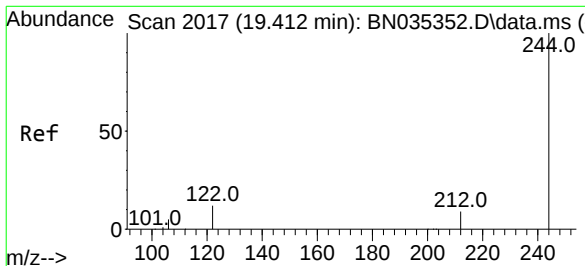
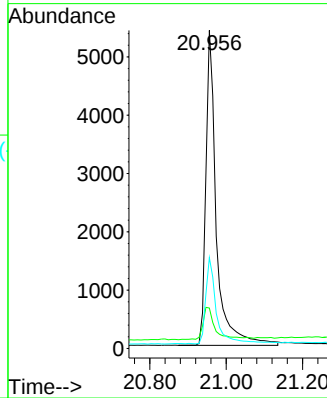
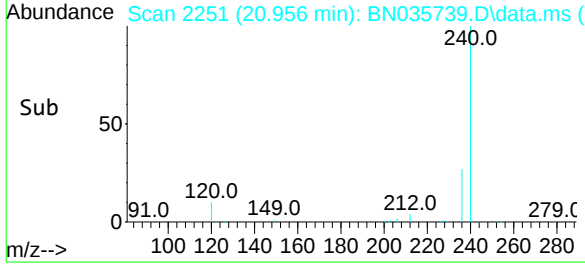
Instrument :
BNA_N
ClientSampleId :
RE120D2-20241210



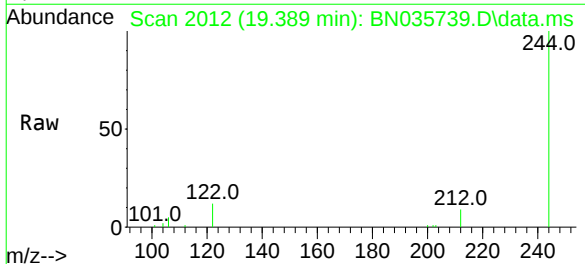
Tgt Ion:240 Resp: 10328
Ion Ratio Lower Upper
240 100
120 12.7 7.9 11.9#
236 28.6 22.9 34.3

Manual Integrations
APPROVED

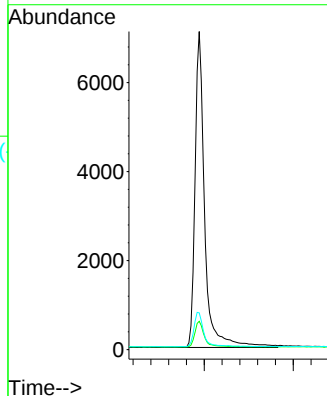
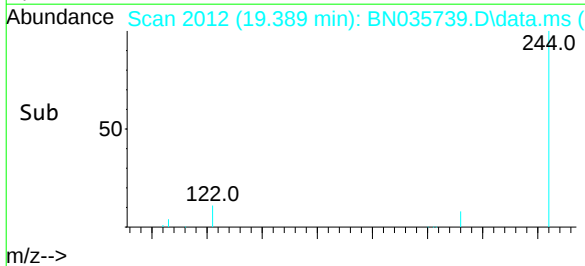
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

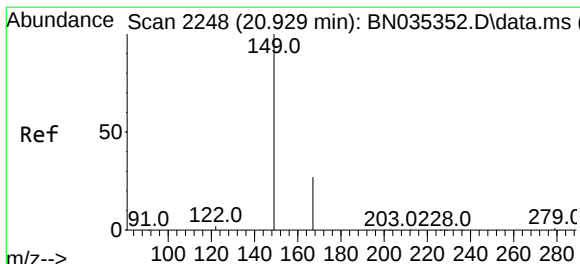


#31
Terphenyl-d14
Concen: 0.526 ng
RT: 19.389 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BN035739.D
Acq: 20 Dec 2024 13:29



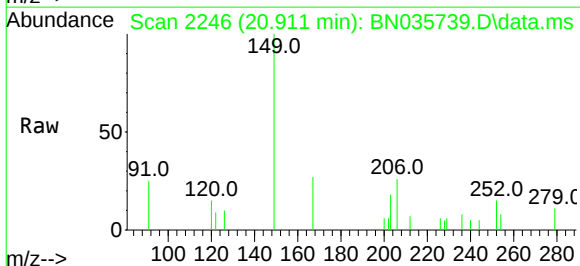
Tgt Ion:244 Resp: 10711
Ion Ratio Lower Upper
244 100
212 8.9 8.1 12.1
122 11.6 10.3 15.5





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.063 ng
 RT: 20.911 min Scan# 2248
 Delta R.T. 0.000 min
 Lab File: BN035739.D
 Acq: 20 Dec 2024 13:29

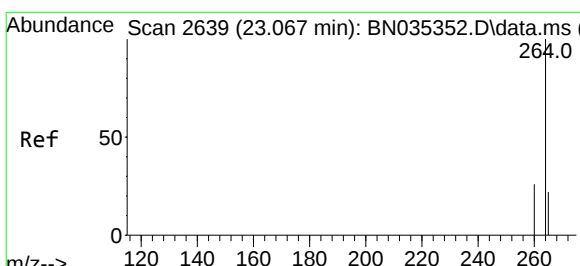
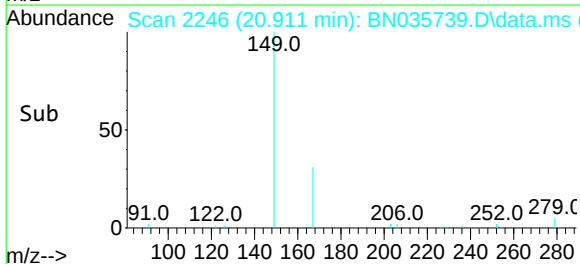
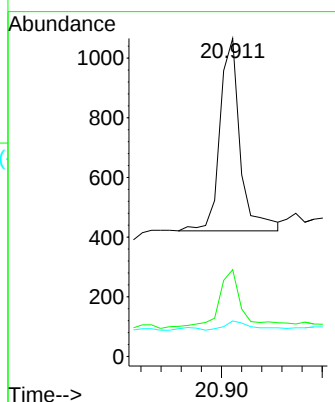
Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20241210



Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.5	22.2	33.4
279	6.8	2.7	4.1#

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.044 min Scan# 2631
 Delta R.T. 0.003 min
 Lab File: BN035739.D
 Acq: 20 Dec 2024 13:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.4	32.2
265	71.7	40.2	60.4#

