

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035717.D
 Acq On : 19 Dec 2024 22:58
 Operator : RC/JU
 Sample : P5261-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20241209

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 23:24:55 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	7.271	152	3204	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	8678	0.400	ng	# 0.00
13) Acenaphthene-d10	13.935	164	5798	0.400	ng	0.00
19) Phenanthrene-d10	16.711	188	11698	0.400	ng	# 0.01
29) Chrysene-d12	20.956	240	9672	0.400	ng	0.00
35) Perylene-d12	23.041	264	10672	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	1012	0.126	ng	0.00
5) Phenol-d6	6.491	99	568	0.059	ng	0.00
8) Nitrobenzene-d5	8.418	82	2163m	0.408	ng	0.01
11) 2-Methylnaphthalene-d10	11.621	152	5070	0.373	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	803	0.195	ng	0.00
15) 2-Fluorobiphenyl	12.538	172	7328	0.334	ng	0.00
27) Fluoranthene-d10	18.761	212	12807	0.386	ng	0.00
31) Terphenyl-d14	19.388	244	11139	0.584	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.981	88	16192	5.286	ng	99
34) Bis(2-ethylhexyl)phtha...	20.911	149	1174	0.088	ng	# 96

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

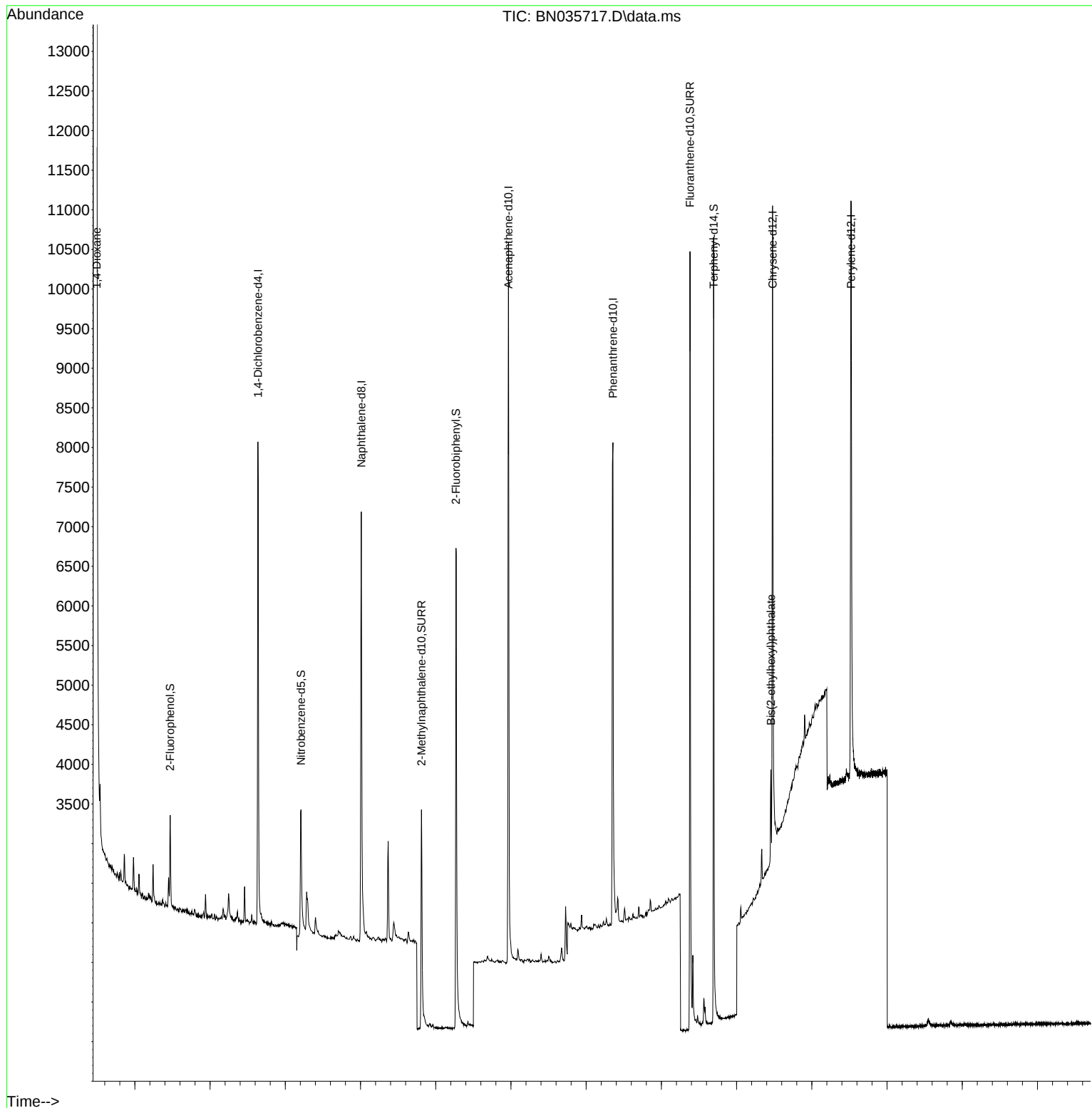
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
Data File : BN035717.D
Acq On : 19 Dec 2024 22:58
Operator : RC/JU
Sample : P5261-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

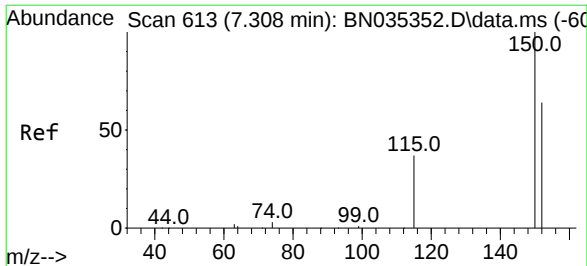
Instrument :
BNA_N
ClientSampleId :
RE103D1-20241209

Quant Time: Dec 19 23:24:55 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

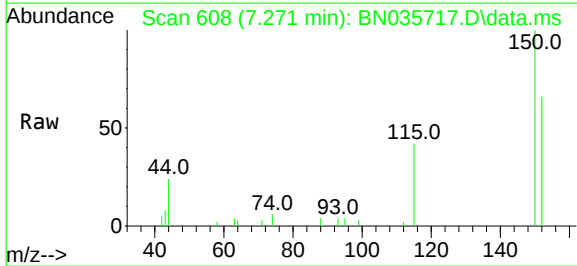
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.271 min Scan# 60
Delta R.T. -0.001 min
Lab File: BN035717.D
Acq: 19 Dec 2024 22:58

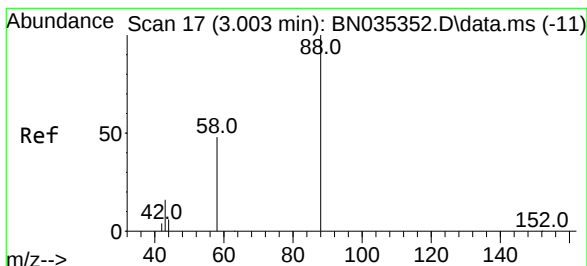
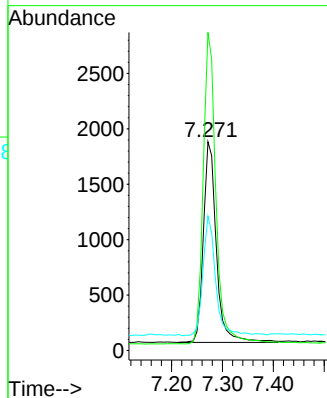
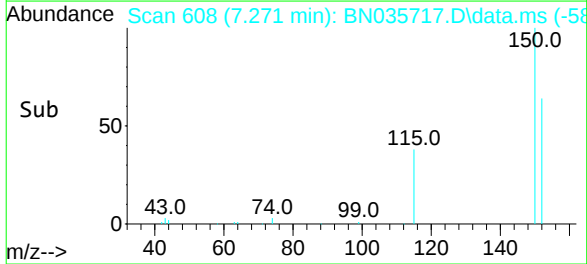
Instrument :
BNA_N
ClientSampleId :
RE103D1-20241209



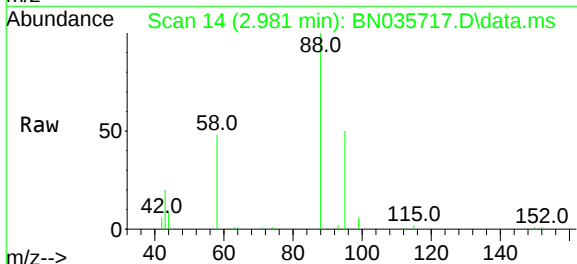
Tgt Ion: 152 Resp: 3204
Ion Ratio Lower Upper
152 100
150 152.4 124.0 186.0
115 64.4 49.6 74.4

Manual Integrations
APPROVED

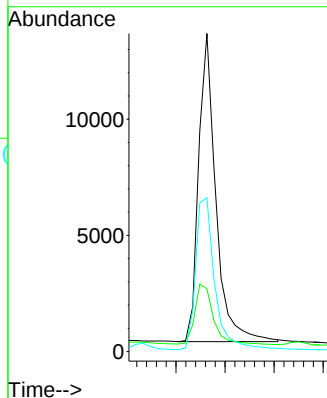
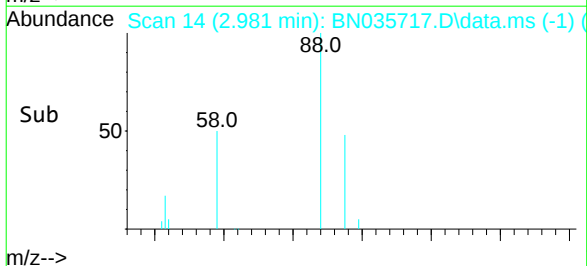
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

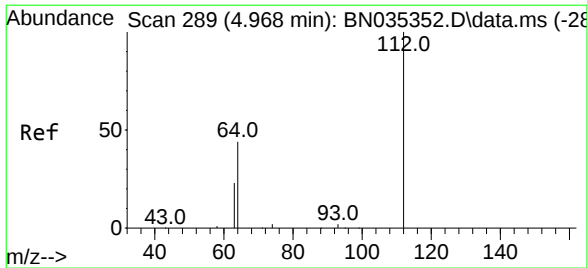


#2
1,4-Dioxane
Concen: 5.286 ng
RT: 2.981 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035717.D
Acq: 19 Dec 2024 22:58



Tgt Ion: 88 Resp: 16192
Ion Ratio Lower Upper
88 100
43 21.0 17.2 25.8
58 54.5 44.5 66.7





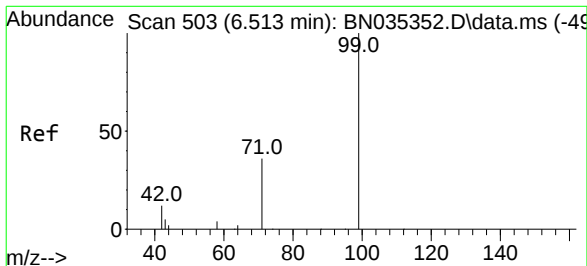
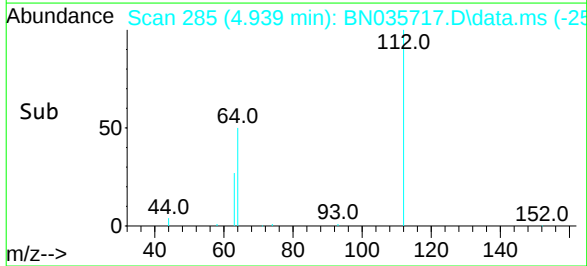
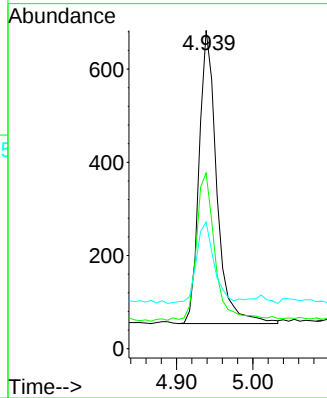
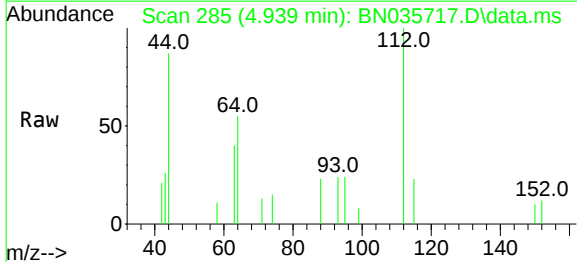
#4
2-Fluorophenol
Concen: 0.126 ng
RT: 4.939 min Scan# 289
Delta R.T. -0.000 min
Lab File: BN035717.D
Acq: 19 Dec 2024 22:58

Instrument :
BNA_N
ClientSampleId :
RE103D1-20241209

Tgt Ion:	112	Resp:	1012
Ion	Ratio	Lower	Upper
112	100		
64	52.3	39.8	59.8
63	27.8	21.0	31.6

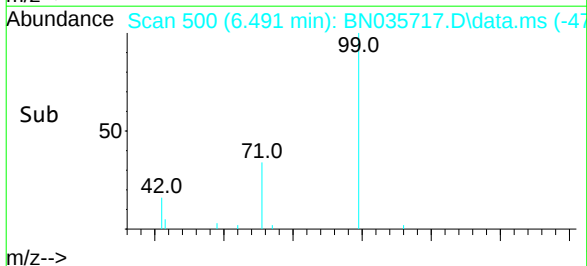
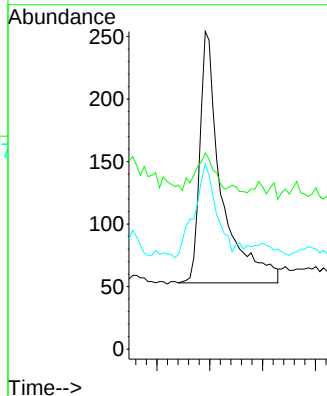
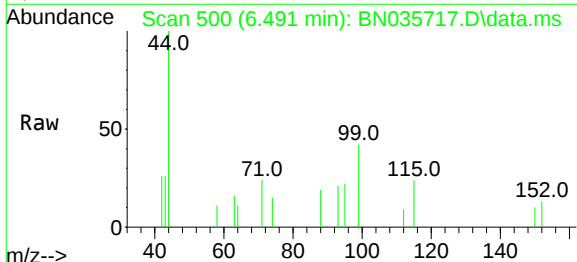
Manual Integrations
APPROVED

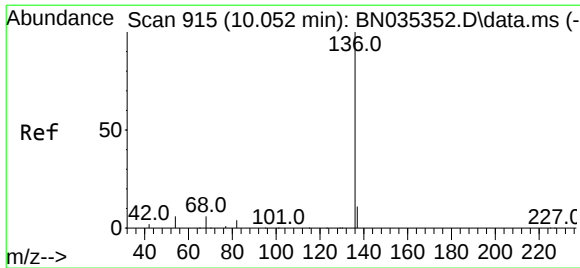
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#5
Phenol-d6
Concen: 0.059 ng
RT: 6.491 min Scan# 500
Delta R.T. -0.000 min
Lab File: BN035717.D
Acq: 19 Dec 2024 22:58

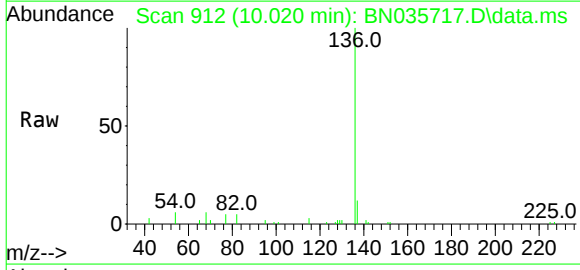
Tgt Ion:	99	Resp:	568
Ion	Ratio	Lower	Upper
99	100		
42	12.3	11.4	17.2
71	39.3	29.3	43.9





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN035717.D
Acq: 19 Dec 2024 22:58

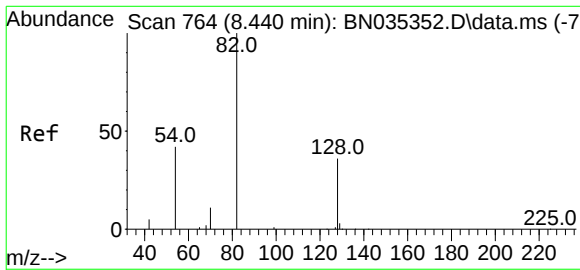
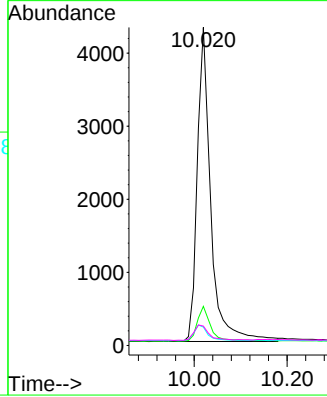
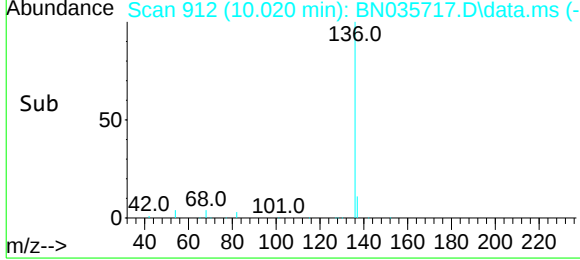
Instrument :
BNA_N
ClientSampleId :
RE103D1-20241209



Tgt Ion:	136	Resp:	8678
Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.2	15.2
54	5.8	6.1	9.1#
68	6.1	6.4	9.6#

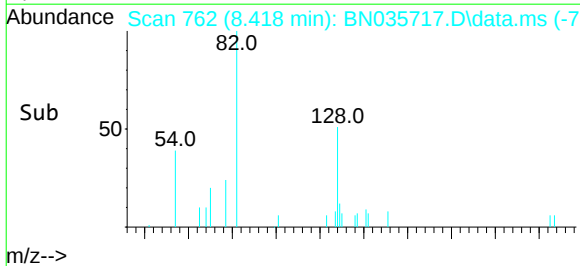
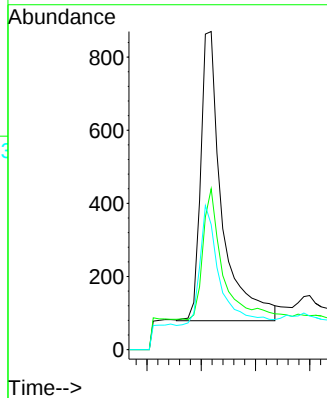
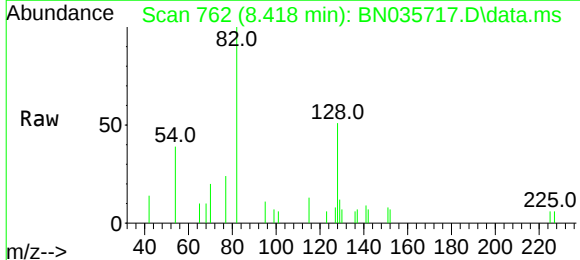
Manual Integrations
APPROVED

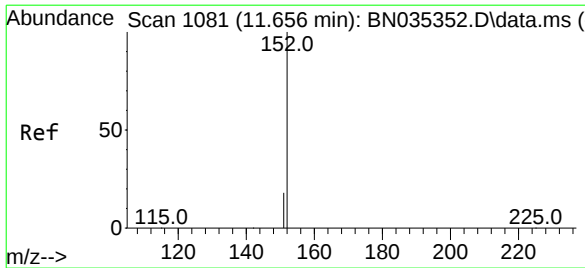
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#8
Nitrobenzene-d5
Concen: 0.408 ng m
RT: 8.418 min Scan# 762
Delta R.T. 0.010 min
Lab File: BN035717.D
Acq: 19 Dec 2024 22:58

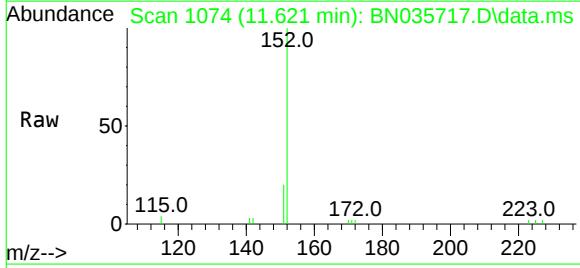
Tgt Ion:	82	Resp:	2163
Ion	Ratio	Lower	Upper
82	100		
128	50.6	33.4	50.0#
54	39.3	36.7	55.1





#11
2-Methylnaphthalene-d10
Concen: 0.373 ng
RT: 11.621 min Scan# 1081
Delta R.T. -0.000 min
Lab File: BN035717.D
Acq: 19 Dec 2024 22:58

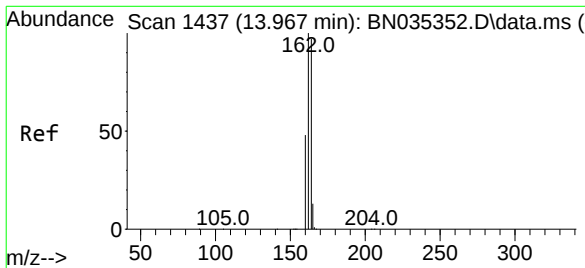
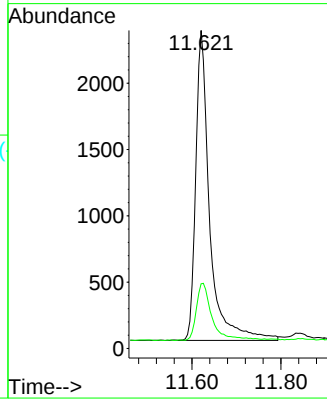
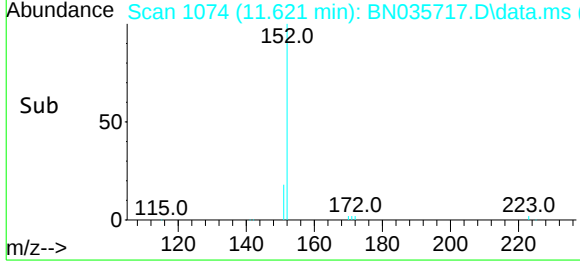
Instrument :
BNA_N
ClientSampleId :
RE103D1-20241209



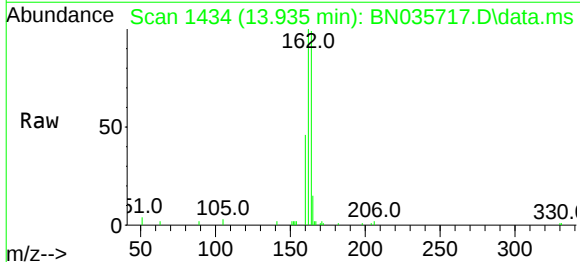
Tgt Ion:152 Resp: 5070
Ion Ratio Lower Upper
152 100
151 20.3 16.6 25.0

Manual Integrations
APPROVED

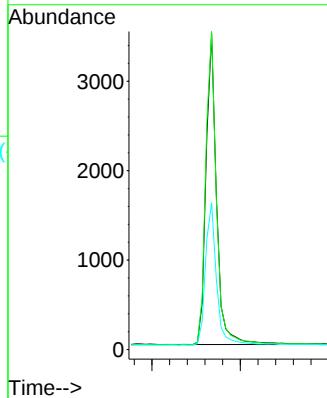
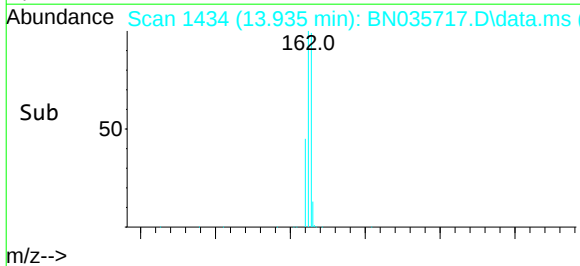
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

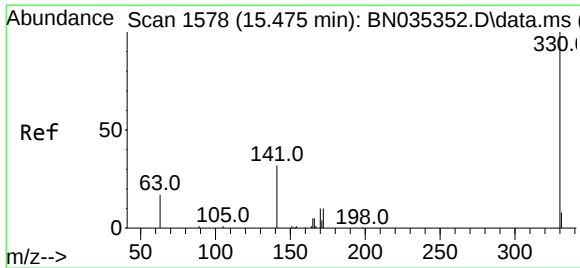


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.935 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BN035717.D
Acq: 19 Dec 2024 22:58



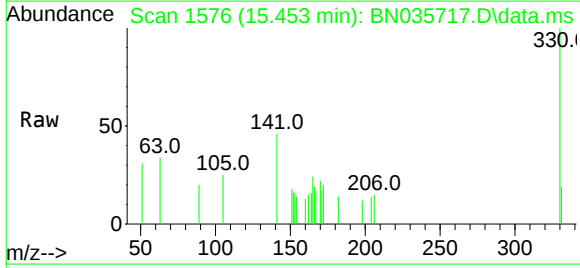
Tgt Ion:164 Resp: 5798
Ion Ratio Lower Upper
164 100
162 100.7 82.2 123.2
160 46.5 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.195 ng
RT: 15.453 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN035717.D
Acq: 19 Dec 2024 22:58

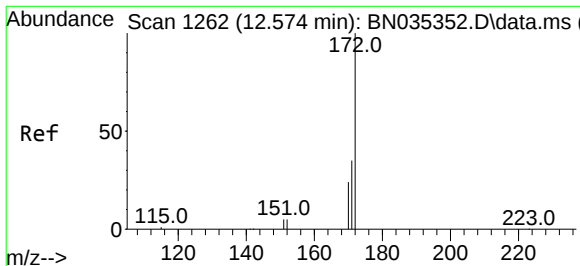
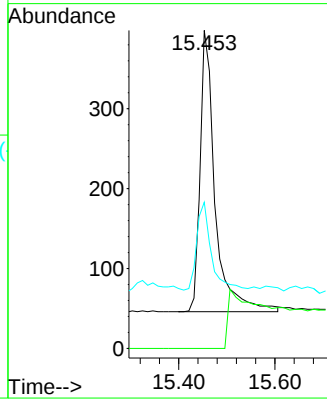
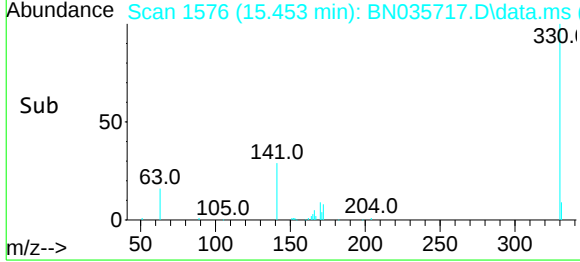
Instrument :
BNA_N
ClientSampleId :
RE103D1-20241209



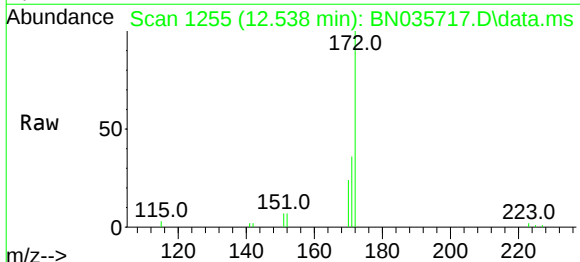
Tgt Ion: 330 Resp: 803
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.6 26.6 40.0

Manual Integrations
APPROVED

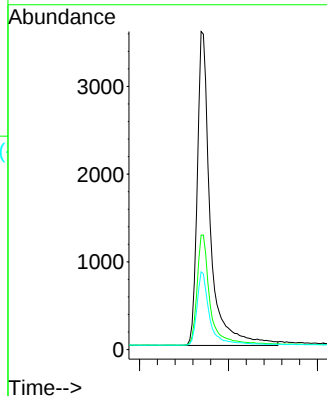
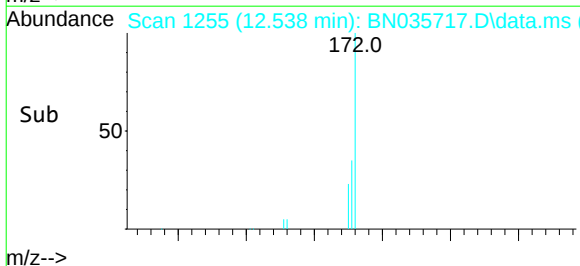
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

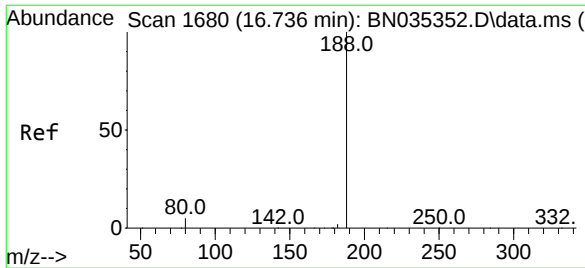


#15
2-Fluorobiphenyl
Concen: 0.334 ng
RT: 12.538 min Scan# 1255
Delta R.T. -0.005 min
Lab File: BN035717.D
Acq: 19 Dec 2024 22:58



Tgt Ion: 172 Resp: 7328
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 24.4 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: BN035717.D

Acq: 19 Dec 2024 22:58

Instrument :

BNA_N

ClientSampleId :

RE103D1-20241209

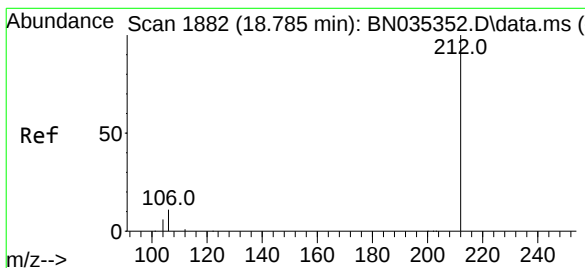
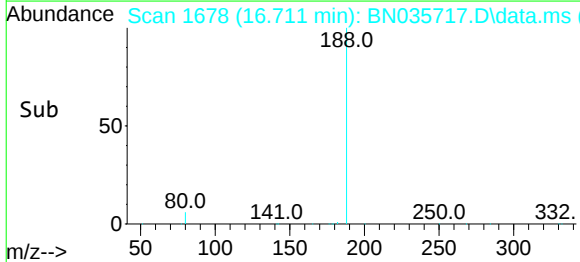
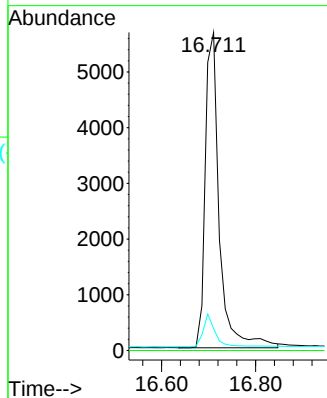
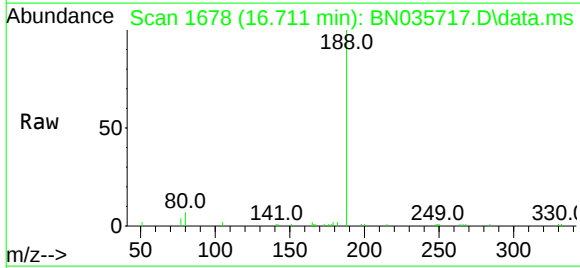
Tgt Ion	188	Resp	11698
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	6.9	4.6	6.8#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/24/2024



#27

Fluoranthene-d10

Concen: 0.386 ng

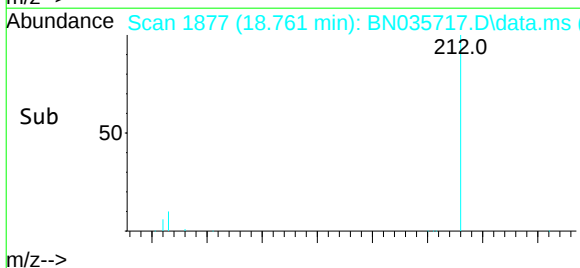
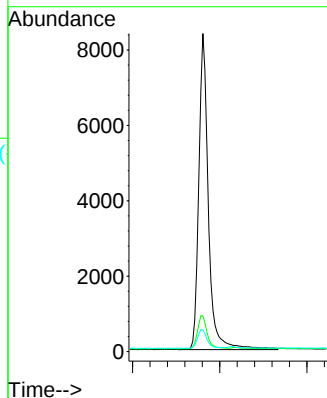
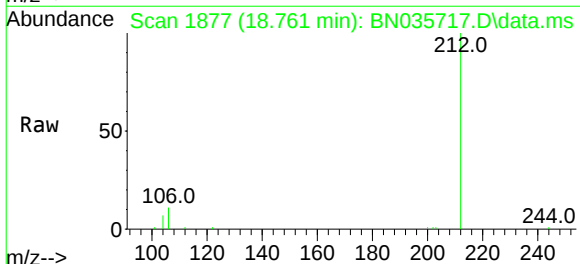
RT: 18.761 min Scan# 1877

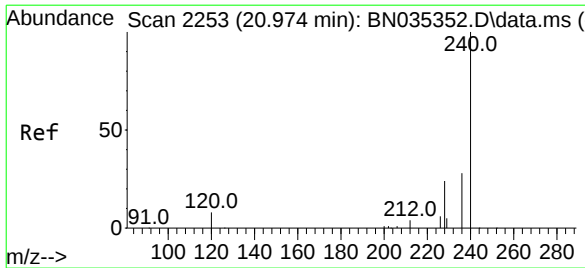
Delta R.T. -0.000 min

Lab File: BN035717.D

Acq: 19 Dec 2024 22:58

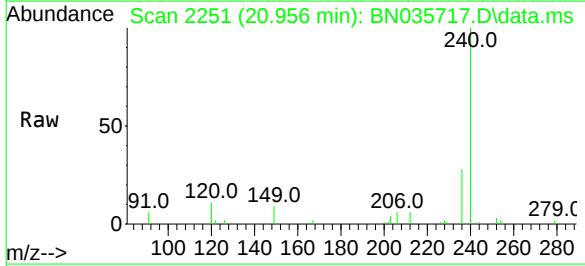
Tgt Ion	212	Resp	12807
Ion Ratio	Lower	Upper	
212	100		
106	10.7	9.2	13.8
104	5.9	5.3	7.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 22
Delta R.T. -0.000 min
Lab File: BN035717.D
Acq: 19 Dec 2024 22:58

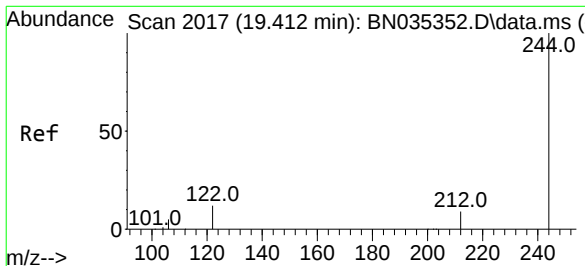
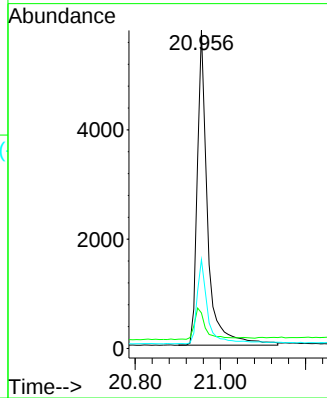
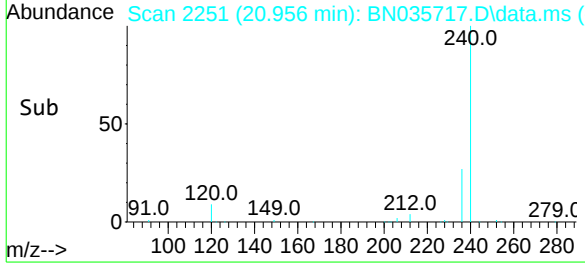
Instrument :
BNA_N
ClientSampleId :
RE103D1-20241209



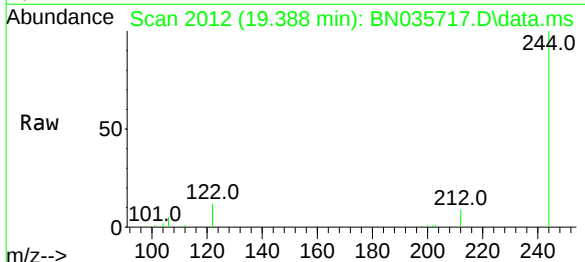
Tgt Ion: 240 Resp: 9672
Ion Ratio Lower Upper
240 100
120 11.2 7.9 11.9
236 27.9 22.9 34.3

Manual Integrations
APPROVED

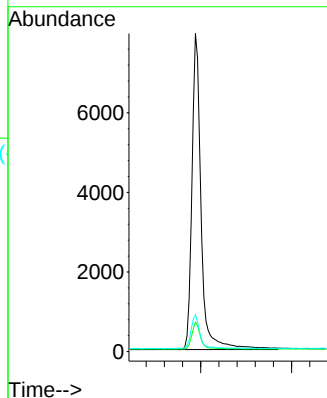
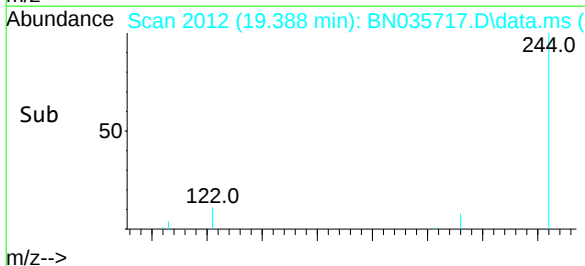
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

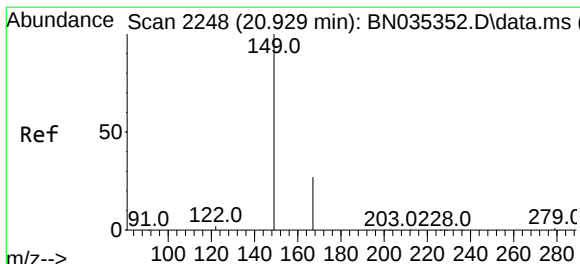


#31
Terphenyl-d14
Concen: 0.584 ng
RT: 19.388 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BN035717.D
Acq: 19 Dec 2024 22:58



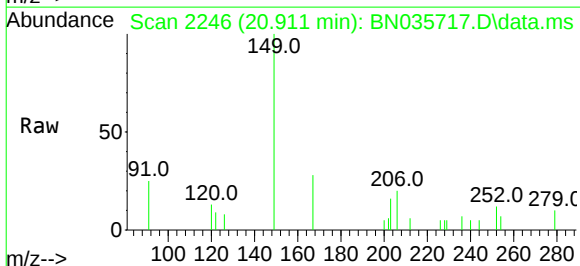
Tgt Ion: 244 Resp: 11139
Ion Ratio Lower Upper
244 100
212 9.2 8.1 12.1
122 11.6 10.3 15.5





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.088 ng
 RT: 20.911 min Scan# 2246
 Delta R.T. -0.000 min
 Lab File: BN035717.D
 Acq: 19 Dec 2024 22:58

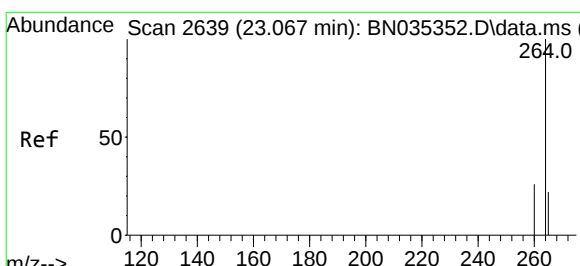
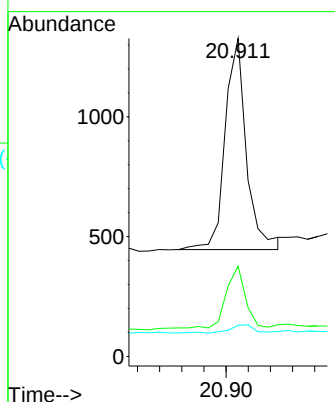
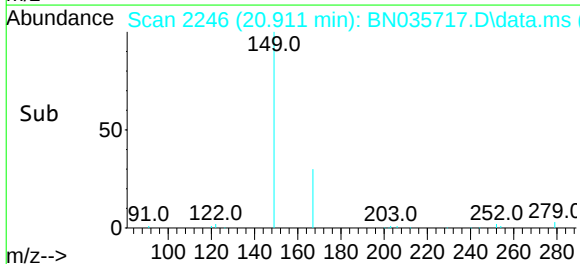
Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20241209



Tgt Ion:	149	Resp:	1174
Ion Ratio	100	Lower	Upper
149	100		
167	25.8	22.2	33.4
279	4.3	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: 23.041 min Scan# 2630
 Delta R.T. -0.000 min
 Lab File: BN035717.D
 Acq: 19 Dec 2024 22:58

Tgt Ion:	264	Resp:	10672
Ion Ratio	100	Lower	Upper
264	100		
260	26.2	21.4	32.2
265	66.6	40.2	60.4

