

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
 Data File : BN034530.D
 Acq On : 10 Oct 2024 20:31
 Operator : RC/JU
 Sample : P4263-12
 Misc :
 ALS Vial : 106 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT162S1-20241001

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/11/2024
 Supervised By :mohammad ahmed 10/14/2024

Quant Time: Oct 11 00:22:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 00:21:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	4173	0.400	ng	0.00
7) Naphthalene-d8	10.137	136	11230	0.400	ng	0.01
13) Acenaphthene-d10	14.019	164	6541	0.400	ng	0.00
19) Phenanthrene-d10	16.784	188	12618	0.400	ng	# 0.00
29) Chrysene-d12	21.008	240	8198	0.400	ng	0.00
35) Perylene-d12	23.116	264	11902	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	1371	0.116	ng	0.00
5) Phenol-d6	6.586	99	620m	0.045	ng	0.01
8) Nitrobenzene-d5	8.536	82	2229m	0.259	ng	0.02
11) 2-Methylnaphthalene-d10	11.738	152	5400	0.326	ng	0.01
14) 2,4,6-Tribromophenol	15.542	330	738	0.249	ng	0.00
15) 2-Fluorobiphenyl	12.640	172	7948	0.299	ng	0.00
27) Fluoranthene-d10	18.829	212	13383	0.420	ng	0.00
31) Terphenyl-d14	19.447	244	9444	0.577	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	1259	0.241	ng	# 63

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

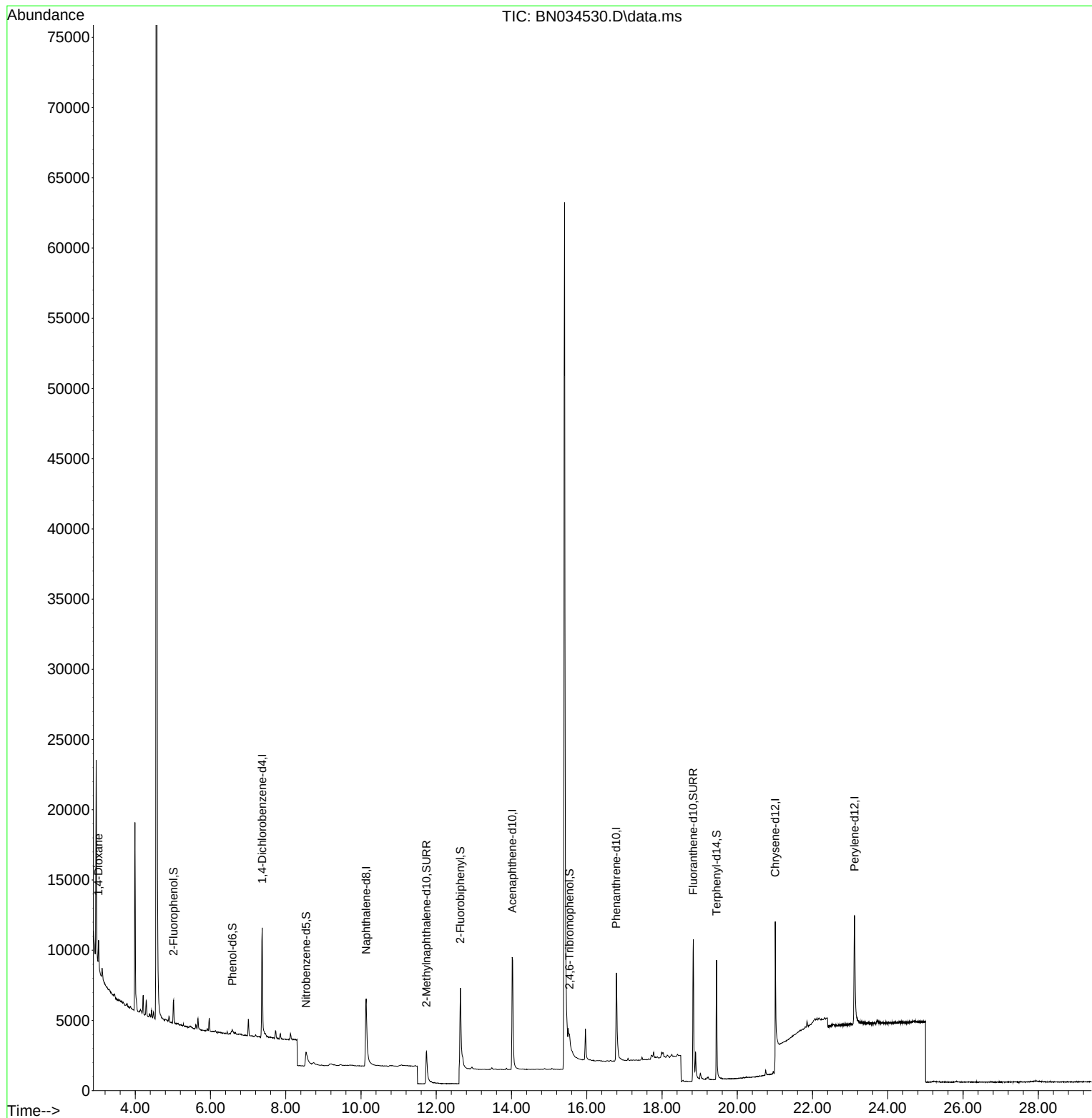
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
Data File : BN034530.D
Acq On : 10 Oct 2024 20:31
Operator : RC/JU
Sample : P4263-12
Misc :
ALS Vial : 106 Sample Multiplier: 1

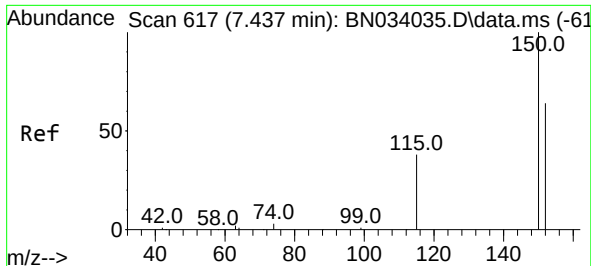
Instrument :
BNA_N
ClientSampleId :
TT162S1-20241001

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024

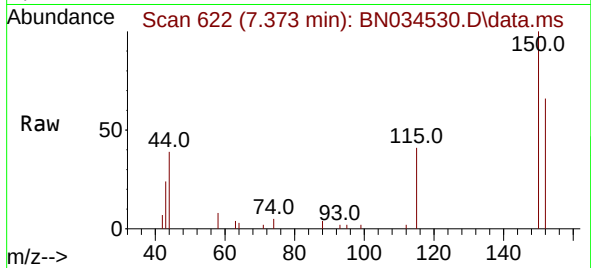
Quant Time: Oct 11 00:22:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 00:21:08 2024
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.373 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN034530.D
 Acq: 10 Oct 2024 20:31

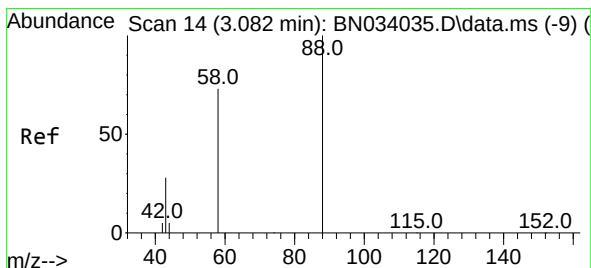
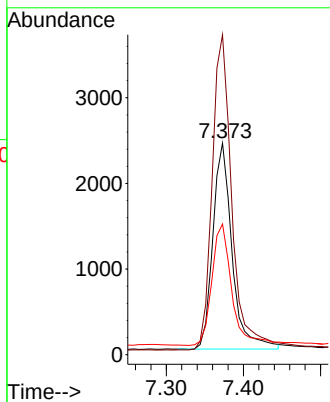
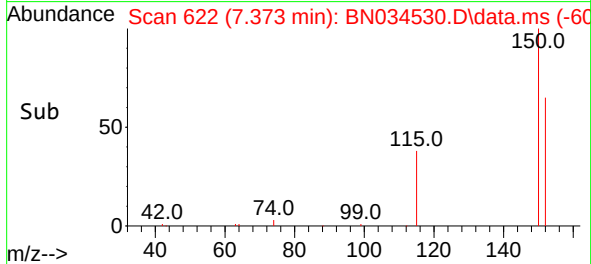
Instrument :
 BNA_N
 ClientSampleId :
 TT162S1-20241001



Tgt Ion: 152 Resp: 417
 Ion Ratio Lower Upper
 152 100
 150 151.1 124.6 187.0
 115 61.7 50.0 75.0

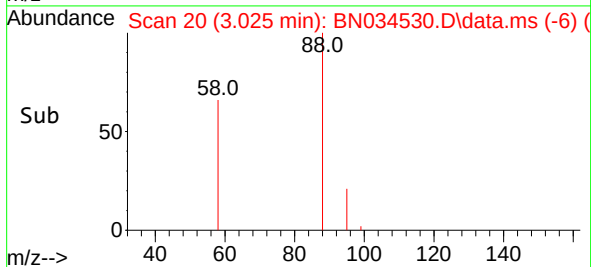
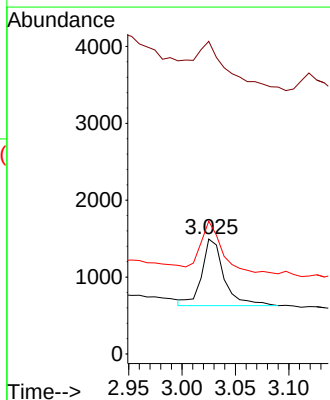
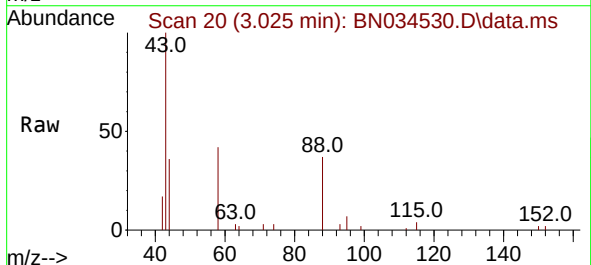
Manual Integrations
 APPROVED

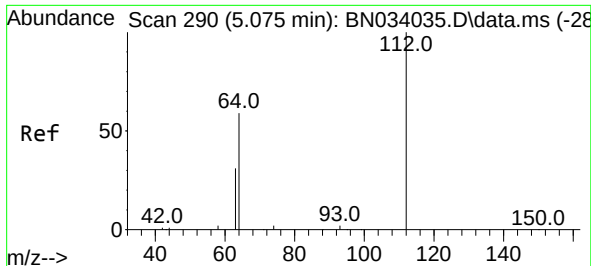
Reviewed By :Jagrut Upadhyay 10/11/2024
 Supervised By :mohammad ahmed 10/14/2024



#2
 1,4-Dioxane
 Concen: 0.241 ng
 RT: 3.025 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BN034530.D
 Acq: 10 Oct 2024 20:31

Tgt Ion: 88 Resp: 1259
 Ion Ratio Lower Upper
 88 100
 43 93.2 25.8 38.8
 58 77.8 58.8 88.2





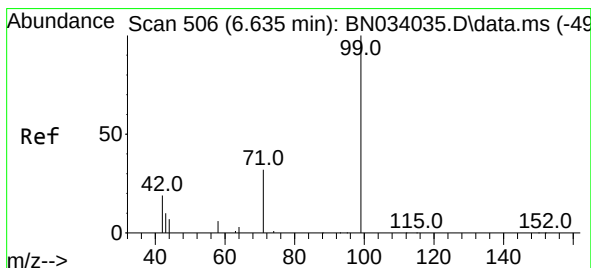
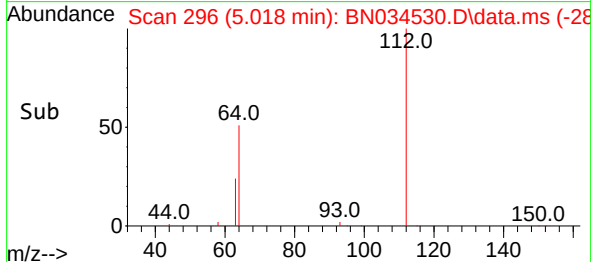
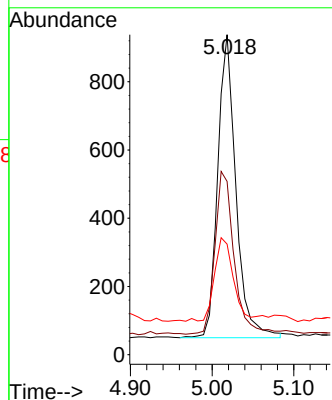
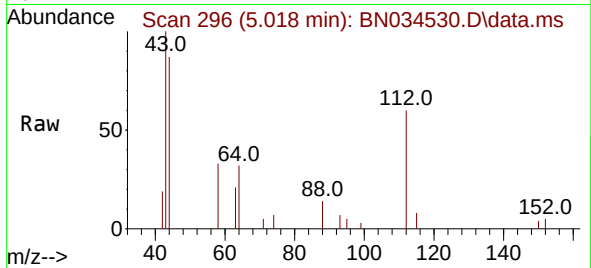
#4
2-Fluorophenol
Concen: 0.116 ng
RT: 5.018 min Scan# 290
Delta R.T. 0.007 min
Lab File: BN034530.D
Acq: 10 Oct 2024 20:31

Instrument :
BNA_N
ClientSampleId :
TT162S1-20241001

Tgt Ion:112 Resp: 137
Ion Ratio Lower Upper
112 100
64 56.2 48.6 72.8
63 29.0 25.6 38.4

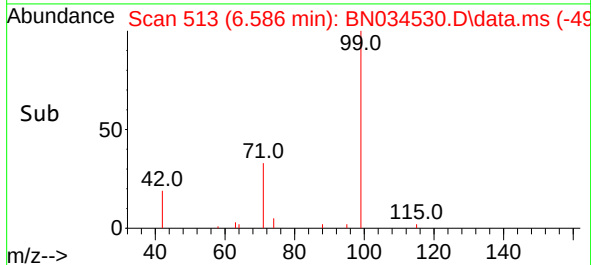
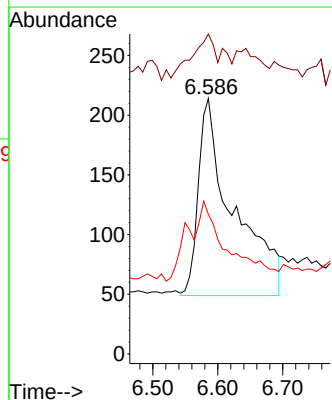
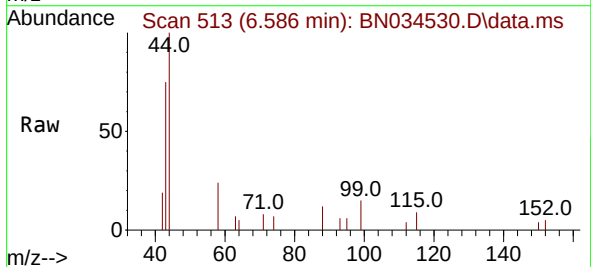
Manual Integrations
APPROVED

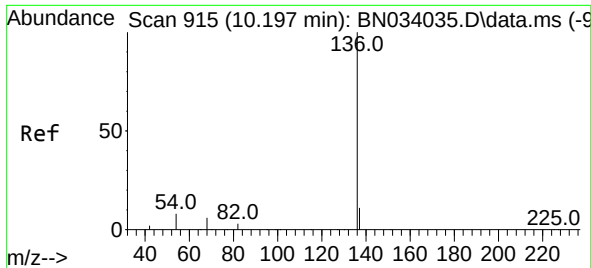
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024



#5
Phenol-d6
Concen: 0.045 ng m
RT: 6.586 min Scan# 513
Delta R.T. 0.014 min
Lab File: BN034530.D
Acq: 10 Oct 2024 20:31

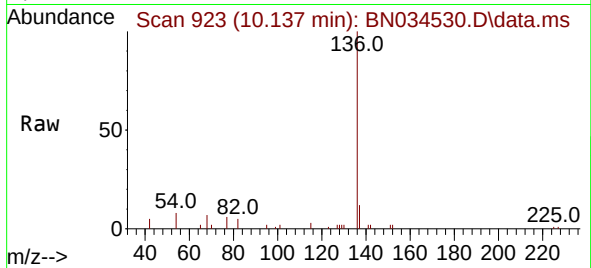
Tgt Ion: 99 Resp: 620
Ion Ratio Lower Upper
99 100
42 14.2 17.8 26.8#
71 37.9 26.2 39.2





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 915
Delta R.T. 0.011 min
Lab File: BN034530.D
Acq: 10 Oct 2024 20:31

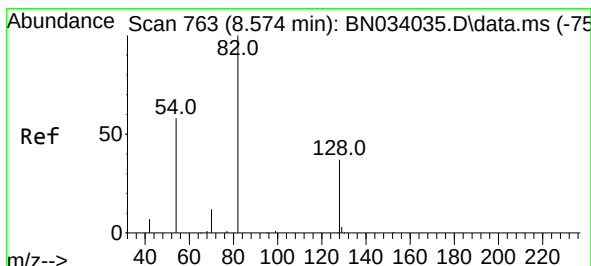
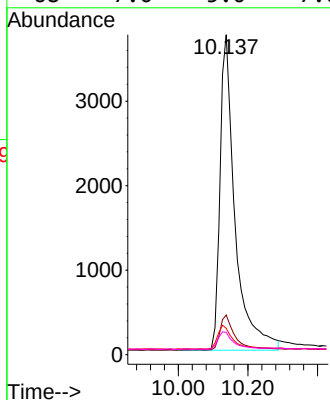
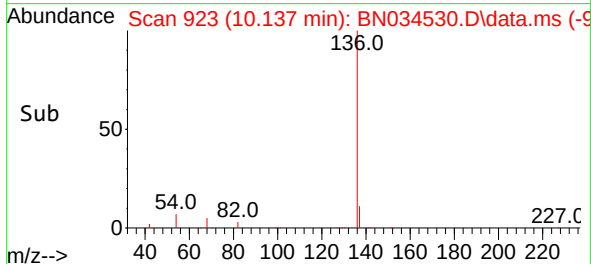
Instrument :
BNA_N
ClientSampleId :
TT162S1-20241001



Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.0	13.6
54	8.2	6.8	10.2
68	7.0	5.0	7.6

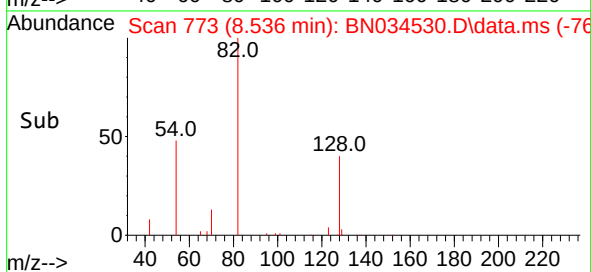
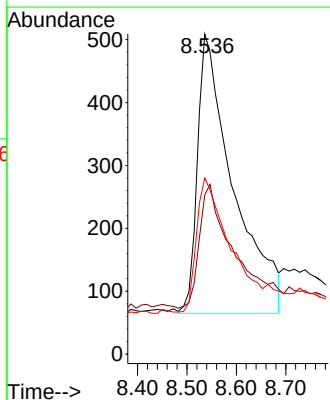
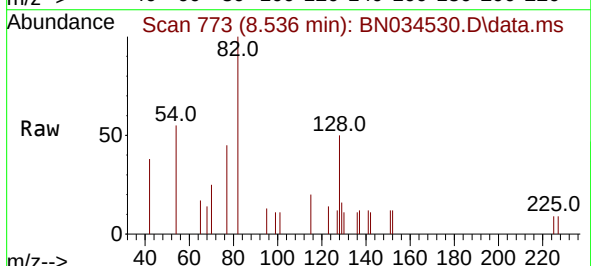
Manual Integrations
APPROVED

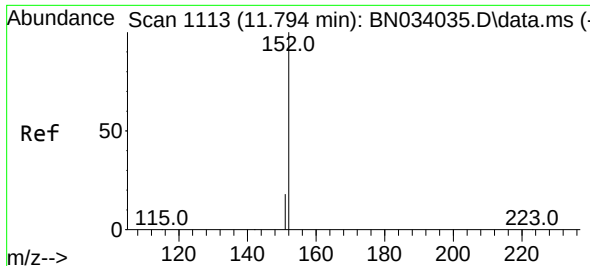
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024



#8
Nitrobenzene-d5
Concen: 0.259 ng m
RT: 8.536 min Scan# 773
Delta R.T. 0.021 min
Lab File: BN034530.D
Acq: 10 Oct 2024 20:31

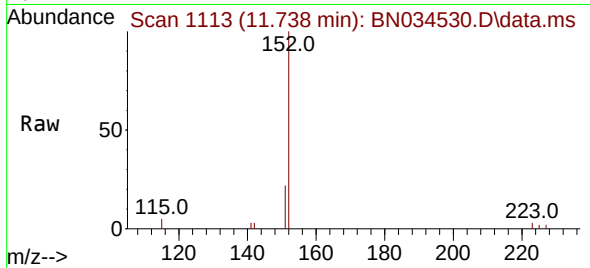
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.7	31.4	47.2#
54	55.0	47.4	71.0





#11
2-Methylnaphthalene-d10
Concen: 0.326 ng
RT: 11.738 min Scan# 1113
Delta R.T. 0.011 min
Lab File: BN034530.D
Acq: 10 Oct 2024 20:31

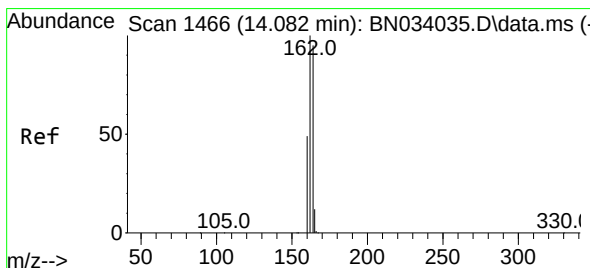
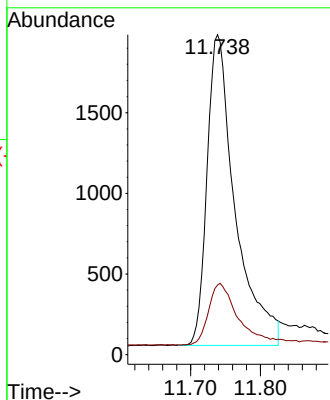
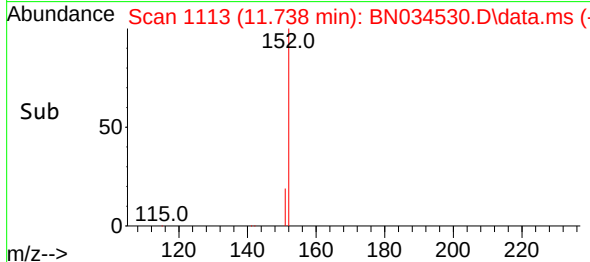
Instrument :
BNA_N
ClientSampleId :
TT162S1-20241001



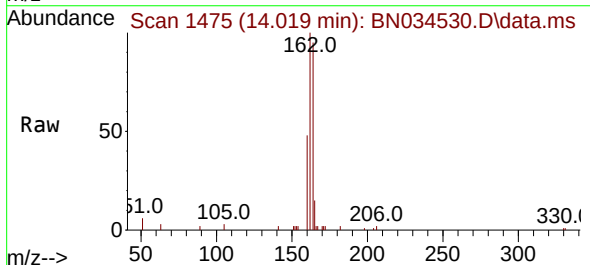
Tgt Ion:152 Resp: 5400
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2

Manual Integrations
APPROVED

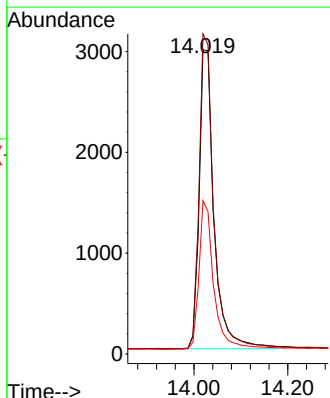
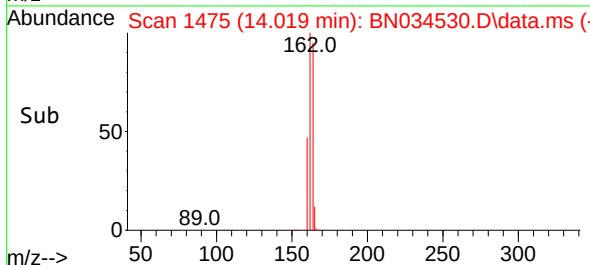
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024

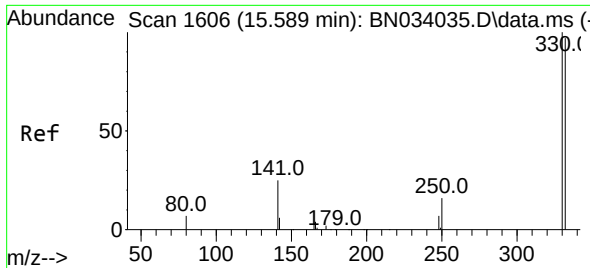


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.019 min Scan# 1475
Delta R.T. 0.004 min
Lab File: BN034530.D
Acq: 10 Oct 2024 20:31



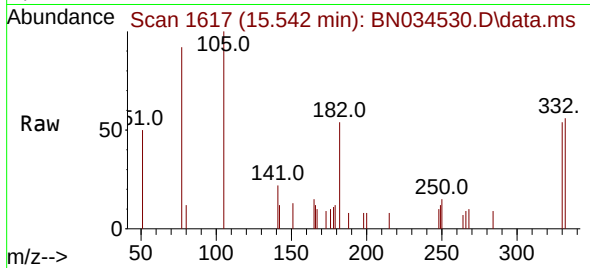
Tgt Ion:164 Resp: 6541
Ion Ratio Lower Upper
164 100
162 105.2 84.2 126.2
160 50.4 41.7 62.5





#14
2,4,6-Tribromophenol
Concen: 0.249 ng
RT: 15.542 min Scan# 1617
Delta R.T. 0.006 min
Lab File: BN034530.D
Acq: 10 Oct 2024 20:31

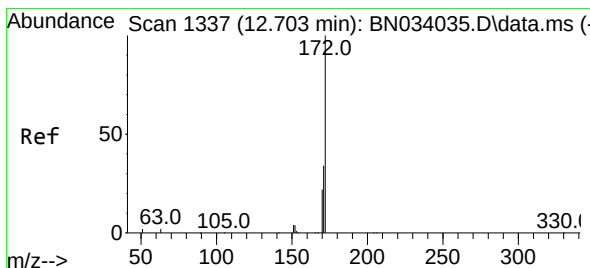
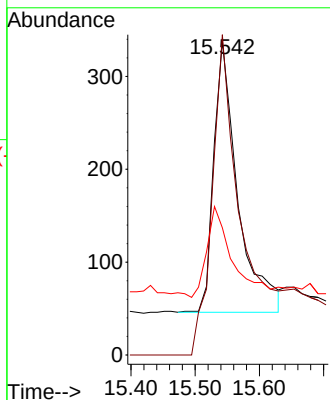
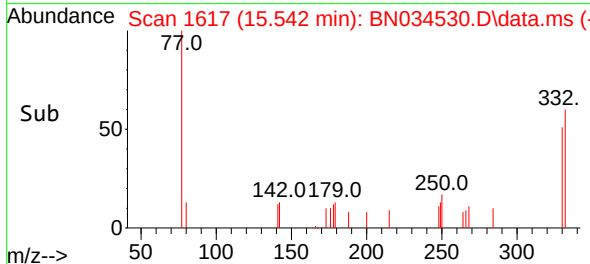
Instrument :
BNA_N
ClientSampleId :
TT162S1-20241001



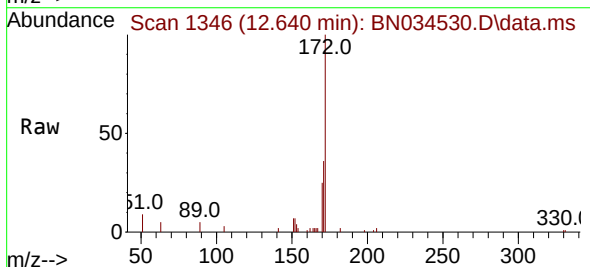
Tgt Ion: 330 Resp: 738
Ion Ratio Lower Upper
330 100
332 147.0 77.4 116.0
141 38.3 35.9 53.9

Manual Integrations
APPROVED

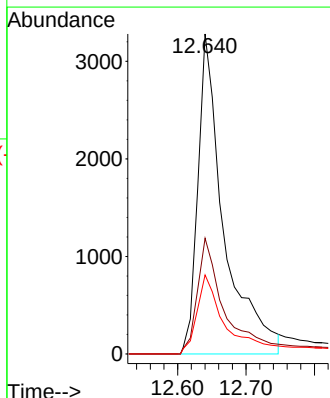
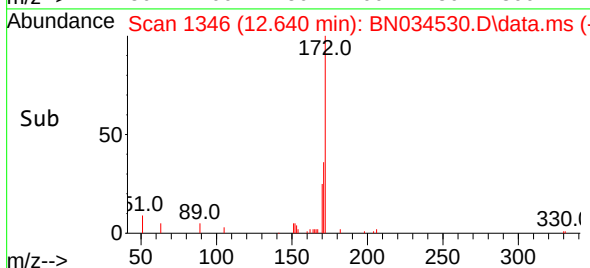
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024

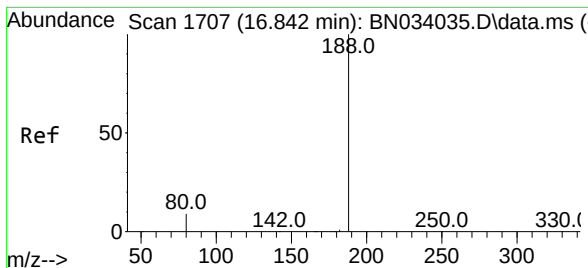


#15
2-Fluorobiphenyl
Concen: 0.299 ng
RT: 12.640 min Scan# 1346
Delta R.T. 0.004 min
Lab File: BN034530.D
Acq: 10 Oct 2024 20:31



Tgt Ion: 172 Resp: 7948
Ion Ratio Lower Upper
172 100
171 36.1 27.3 40.9
170 24.7 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.784 min Scan# 11

Delta R.T. 0.006 min

Lab File: BN034530.D

Acq: 10 Oct 2024 20:31

Instrument :

BNA_N

ClientSampleId :

TT162S1-20241001

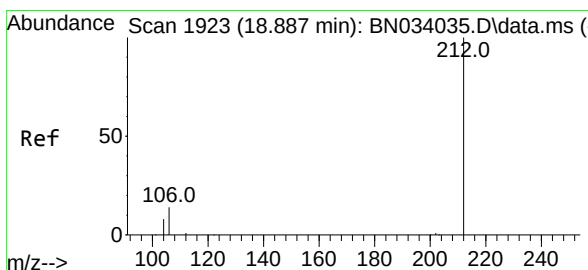
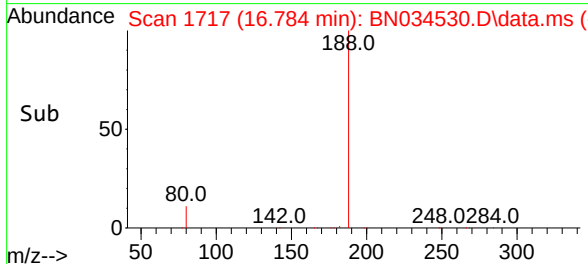
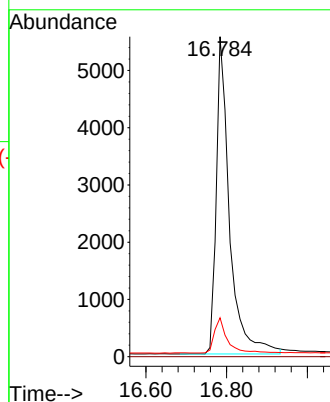
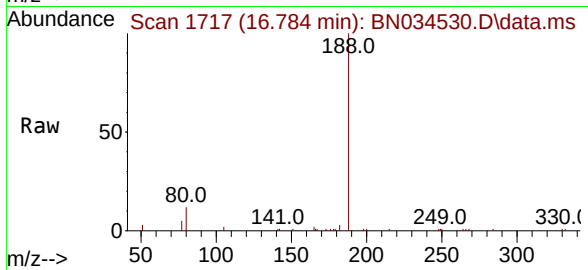
Tgt Ion:188 Resp: 12618

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.1	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024



#27

Fluoranthene-d10

Concen: 0.420 ng

RT: 18.829 min Scan# 1925

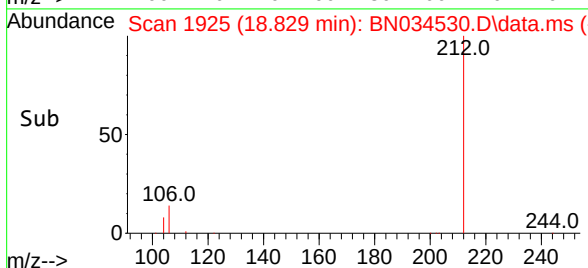
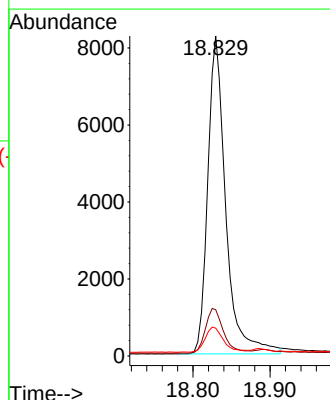
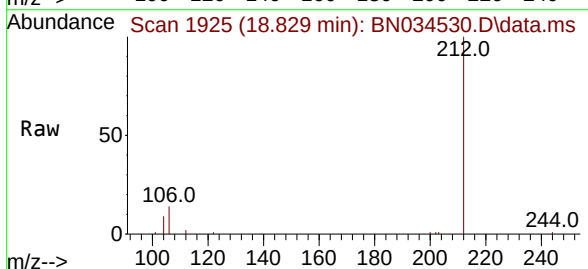
Delta R.T. 0.002 min

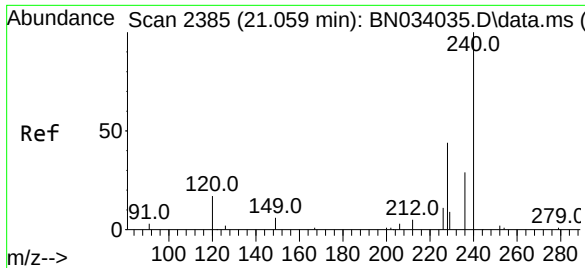
Lab File: BN034530.D

Acq: 10 Oct 2024 20:31

Tgt Ion:212 Resp: 13383

Ion	Ratio	Lower	Upper
212	100		
106	14.2	13.4	20.2
104	8.1	7.8	11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.008 min Scan# 2108

Delta R.T. 0.002 min

Lab File: BN034530.D

Acq: 10 Oct 2024 20:31

Instrument :

BNA_N

ClientSampleId :

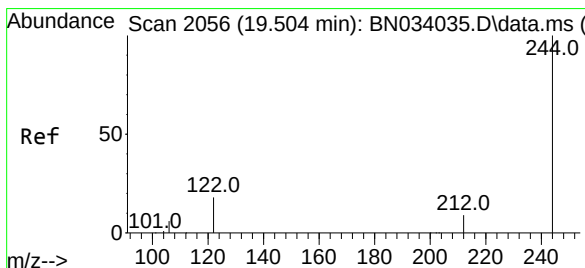
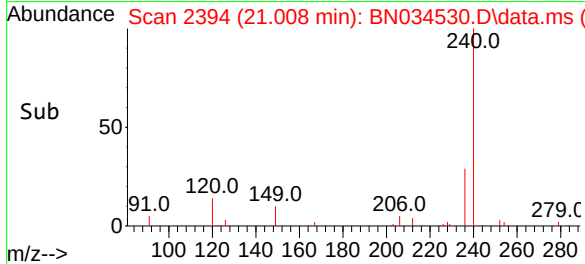
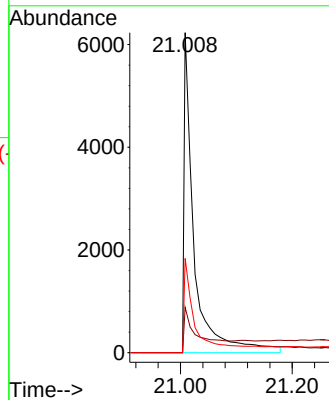
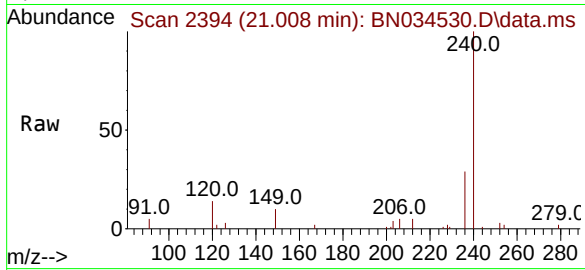
TT162S1-20241001

Tgt Ion:240	Resp:	8198
Ion Ratio	Lower	Upper
240	100	
120	14.2	13.5 20.3
236	29.4	23.4 35.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024



#31

Terphenyl-d14

Concen: 0.577 ng

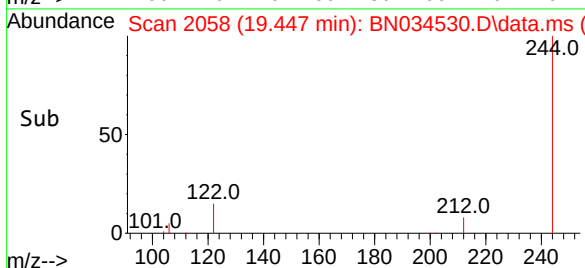
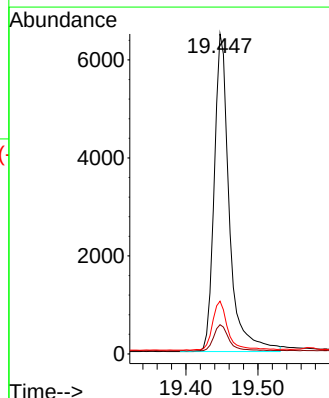
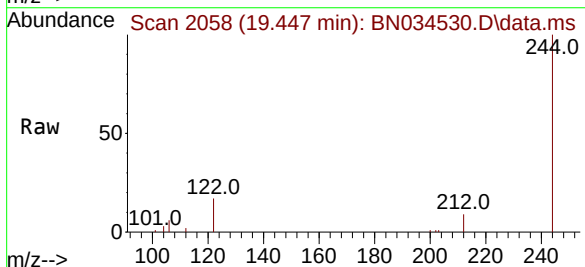
RT: 19.447 min Scan# 2058

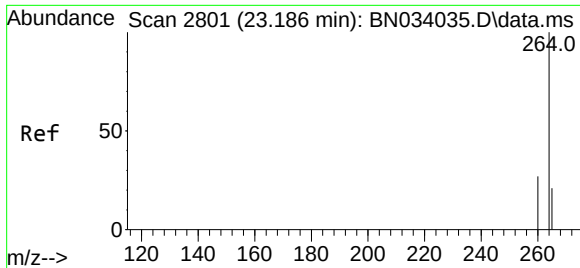
Delta R.T. -0.002 min

Lab File: BN034530.D

Acq: 10 Oct 2024 20:31

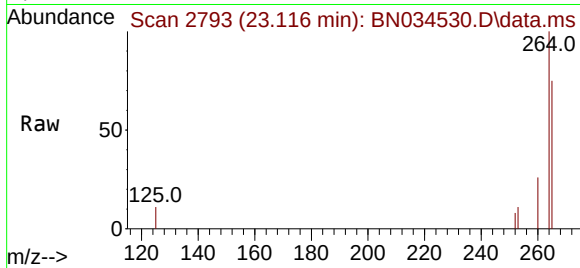
Tgt Ion:244	Resp:	9444
Ion Ratio	Lower	Upper
244	100	
212	9.1	7.8 11.6
122	16.5	14.8 22.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.116 min Scan# 21
Delta R.T. 0.002 min
Lab File: BN034530.D
Acq: 10 Oct 2024 20:31

Instrument :
BNA_N
ClientSampleId :
TT162S1-20241001



Tgt Ion:264 Resp: 1190
Ion Ratio Lower Upper
264 100
260 25.9 21.7 32.5
265 74.7 52.1 78.1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024

