

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
 Data File : BN034547.D
 Acq On : 11 Oct 2024 08:03
 Operator : RC/JU
 Sample : P4231-02DL 2X
 Misc :
 ALS Vial : 123 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20240924DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 11 08:33:54 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	3856	0.400	ng	0.00
7) Naphthalene-d8	10.137	136	10257	0.400	ng	# 0.01
13) Acenaphthene-d10	14.026	164	6223	0.400	ng	0.01
19) Phenanthrene-d10	16.790	188	11665	0.400	ng	# 0.01
29) Chrysene-d12	21.015	240	8777	0.400	ng	0.00
35) Perylene-d12	23.119	264	9615	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	642	0.059	ng	0.00
5) Phenol-d6	6.650	99	178m	0.014	ng	0.08
8) Nitrobenzene-d5	8.568	82	1101m	0.140	ng	0.05
11) 2-Methylnaphthalene-d10	11.765	152	2576m	0.170	ng	0.04
14) 2,4,6-Tribromophenol	15.562	330	321	0.114	ng	0.02
15) 2-Fluorobiphenyl	12.657	172	4382m	0.173	ng	0.02
27) Fluoranthene-d10	18.836	212	5955	0.202	ng	0.00
31) Terphenyl-d14	19.449	244	4041	0.231	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	12697	2.634	ng	99

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

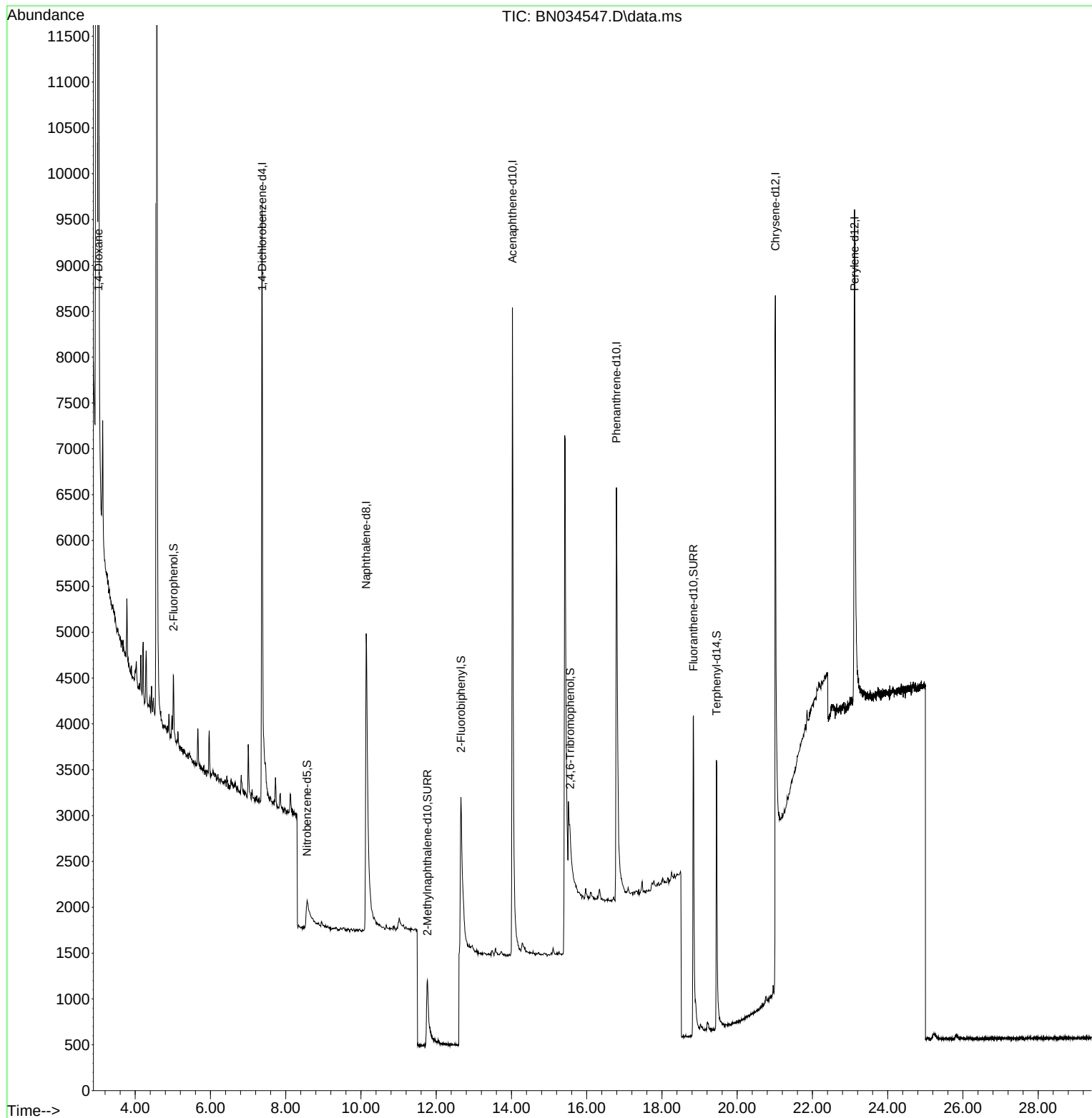
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
Data File : BN034547.D
Acq On : 11 Oct 2024 08:03
Operator : RC/JU
Sample : P4231-02DL 2X
Misc :
ALS Vial : 123 Sample Multiplier: 1

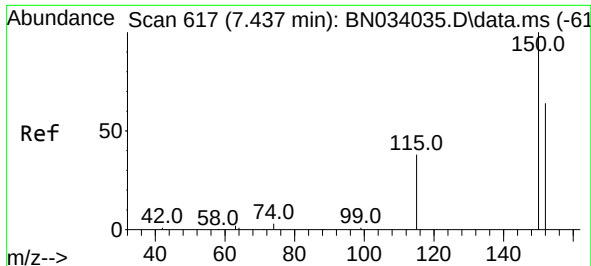
Instrument :
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TT101D1-20240924DL

Quant Time: Oct 11 08:33:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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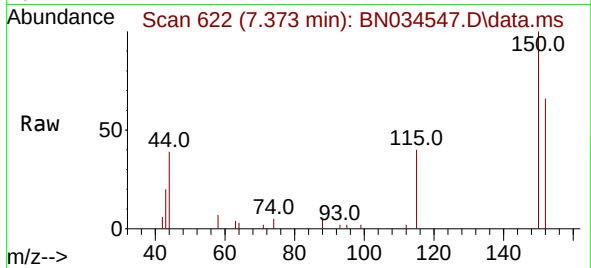
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.373 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN034547.D
 Acq: 11 Oct 2024 08:03

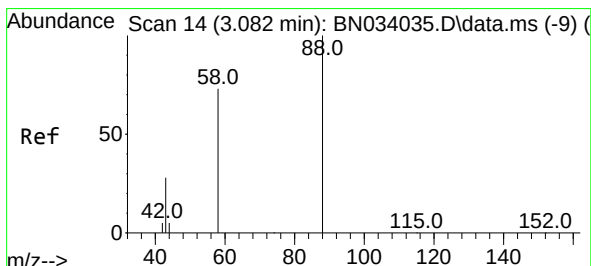
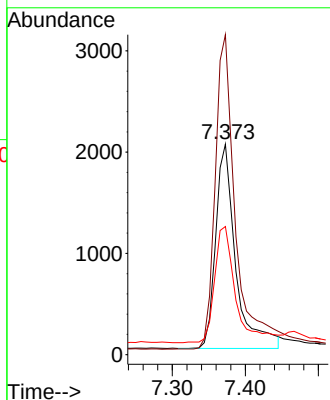
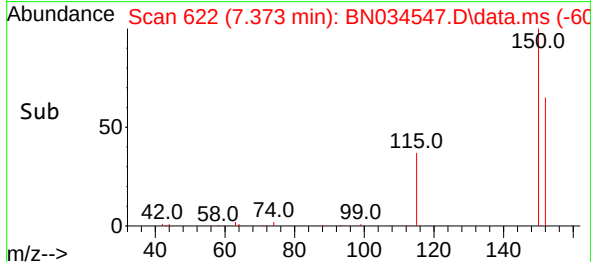
Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20240924DL



Tgt Ion: 152 Resp: 3850
 Ion Ratio Lower Upper
 152 100
 150 152.0 124.6 187.0
 115 60.8 50.0 75.0

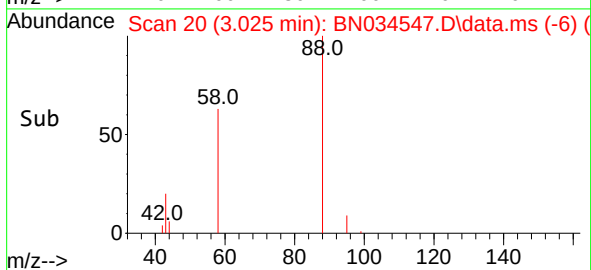
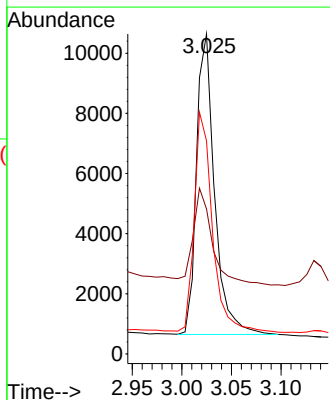
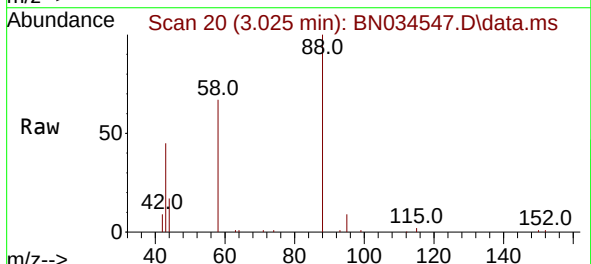
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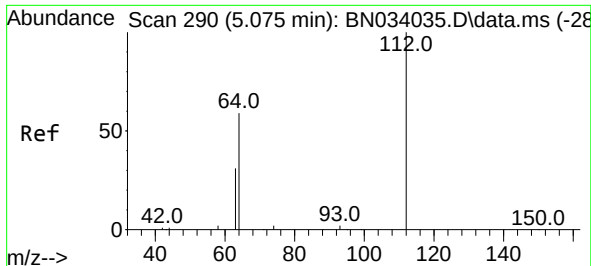
Reviewed By :Jagrut Upadhyay 10/11/2024
 Supervised By :mohammad ahmed 10/14/2024



#2
 1,4-Dioxane
 Concen: 2.634 ng
 RT: 3.025 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BN034547.D
 Acq: 11 Oct 2024 08:03

Tgt Ion: 88 Resp: 12697
 Ion Ratio Lower Upper
 88 100
 43 34.1 25.8 38.8
 58 73.7 58.8 88.2





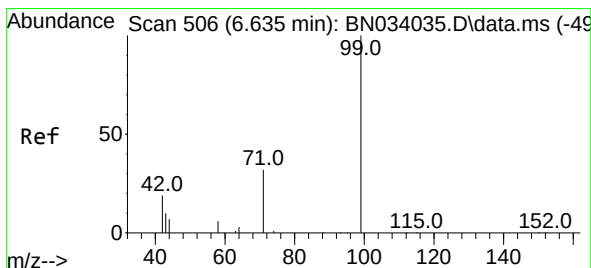
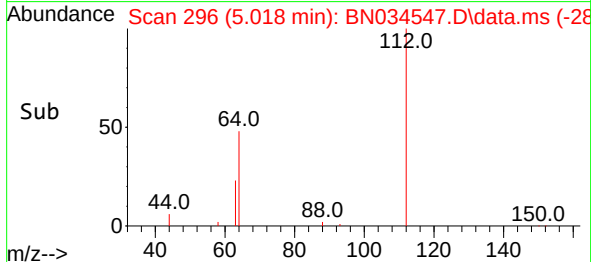
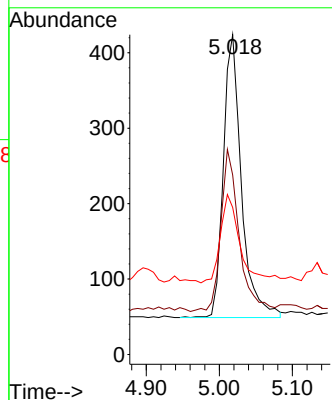
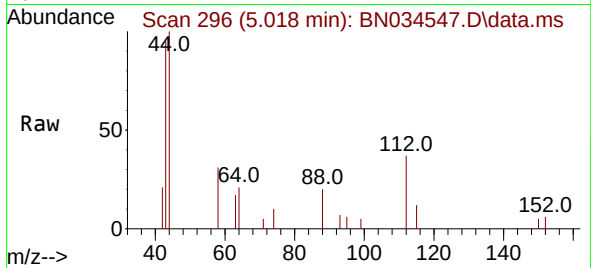
#4
2-Fluorophenol
Concen: 0.059 ng
RT: 5.018 min Scan# 290
Delta R.T. 0.007 min
Lab File: BN034547.D
Acq: 11 Oct 2024 08:03

Instrument :
BNA_N
ClientSampleId :
TT101D1-20240924DL

Tgt Ion: 112 Resp: 64.0
Ion Ratio Lower Upper
112 100
64 57.9 48.6 72.8
63 34.0 25.6 38.4

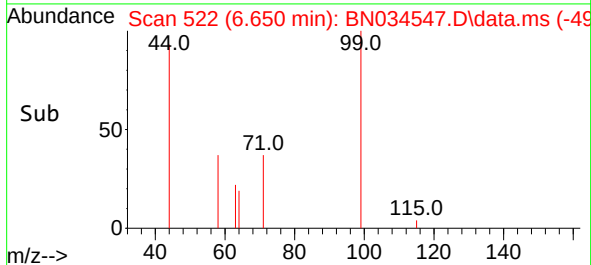
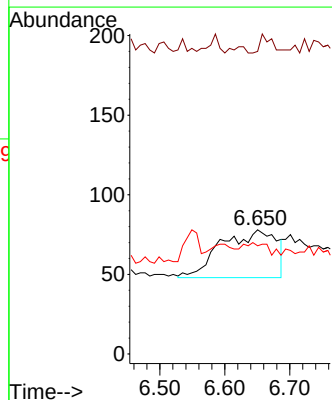
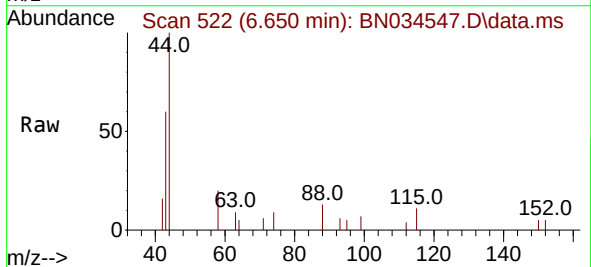
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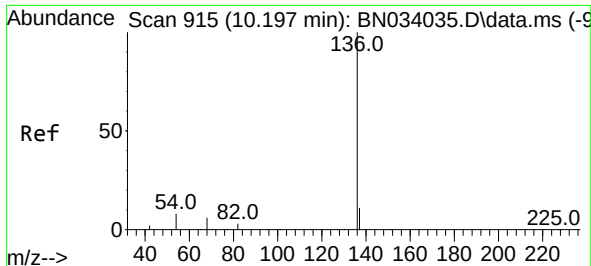
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Supervised By :mohammad ahmed 10/14/2024



#5
Phenol-d6
Concen: 0.014 ng m
RT: 6.650 min Scan# 522
Delta R.T. 0.079 min
Lab File: BN034547.D
Acq: 11 Oct 2024 08:03

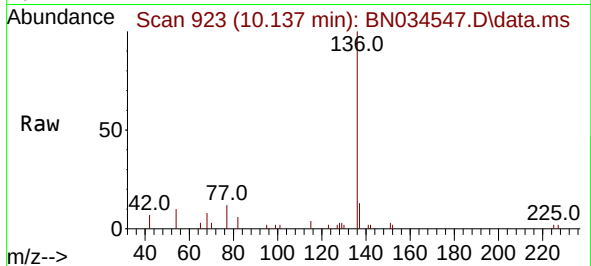
Tgt Ion: 99 Resp: 178
Ion Ratio Lower Upper
99 100
42 3.4 17.8 26.8#
71 0.0 26.2 39.2#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 915
Delta R.T. 0.011 min
Lab File: BN034547.D
Acq: 11 Oct 2024 08:03

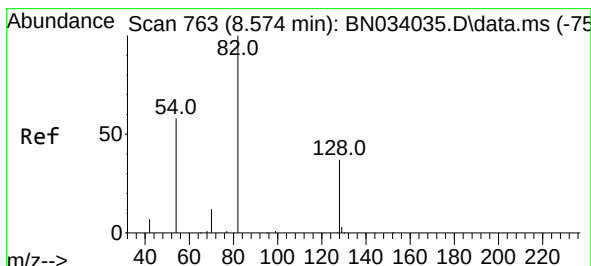
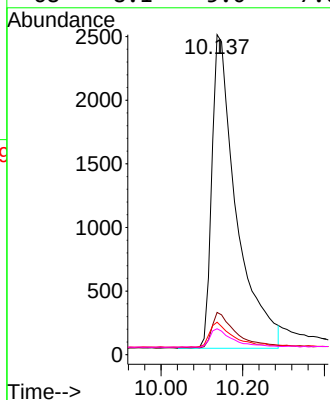
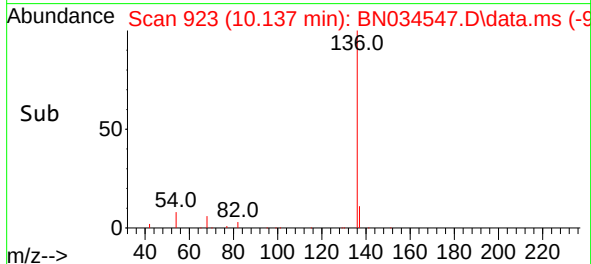
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 136 Resp: 1025
Ion Ratio Lower Upper
136 100
137 13.2 9.0 13.6
54 10.2 6.8 10.2
68 8.1 5.0 7.6#

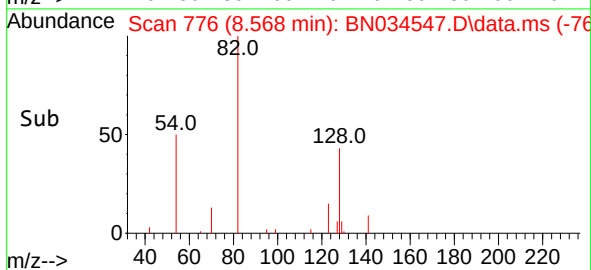
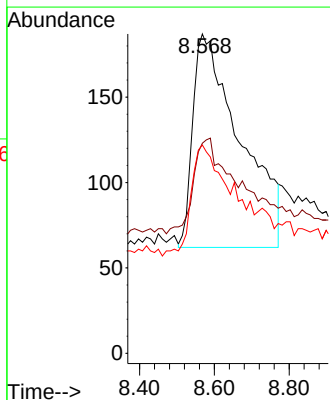
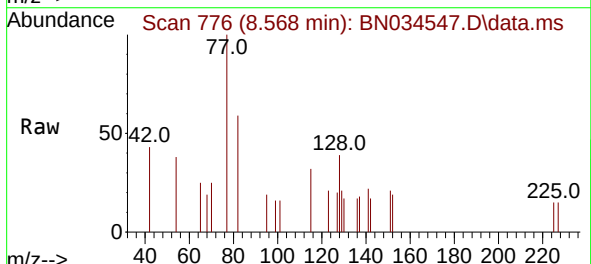
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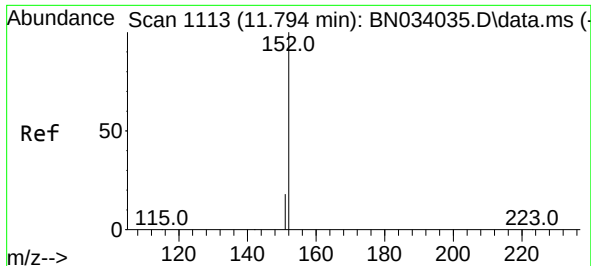
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024



#8
Nitrobenzene-d5
Concen: 0.140 ng m
RT: 8.568 min Scan# 776
Delta R.T. 0.053 min
Lab File: BN034547.D
Acq: 11 Oct 2024 08:03

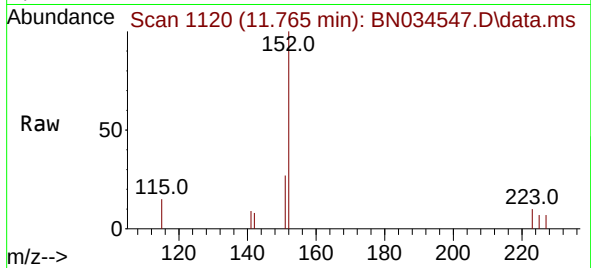
Tgt Ion: 82 Resp: 1101
Ion Ratio Lower Upper
82 100
128 65.8 31.4 47.2#
54 65.2 47.4 71.0





#11
2-Methylnaphthalene-d10
Concen: 0.170 ng m
RT: 11.765 min Scan# 1113
Delta R.T. 0.038 min
Lab File: BN034547.D
Acq: 11 Oct 2024 08:03

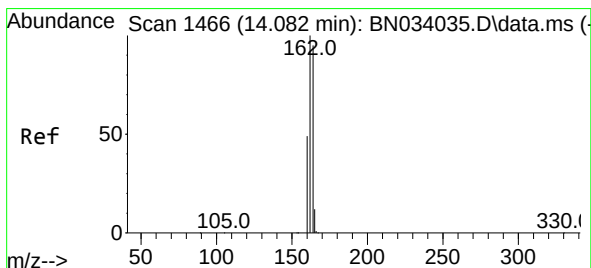
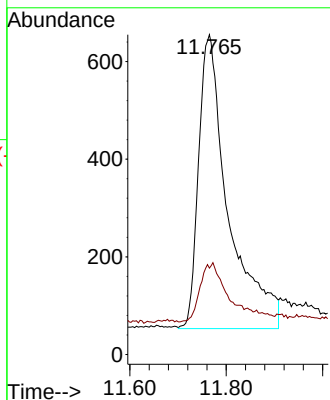
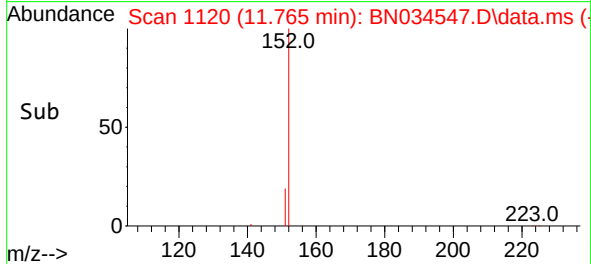
Instrument :
BNA_N
ClientSampleId :
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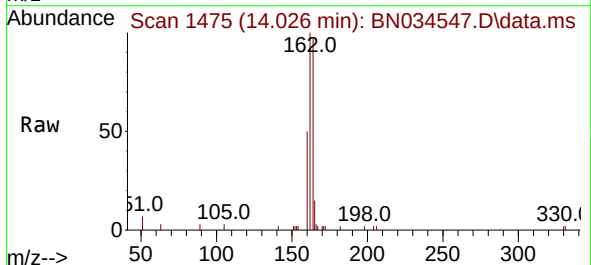
Tgt Ion:152 Resp: 2570
Ion Ratio Lower Upper
152 100
151 16.2 16.8 25.2

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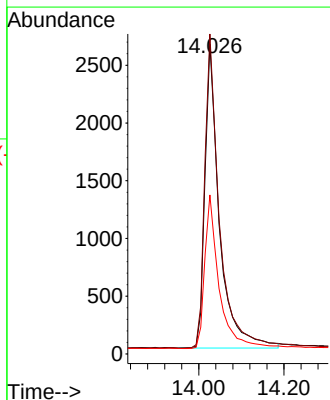
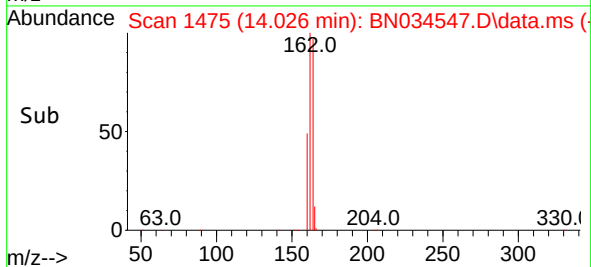
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024

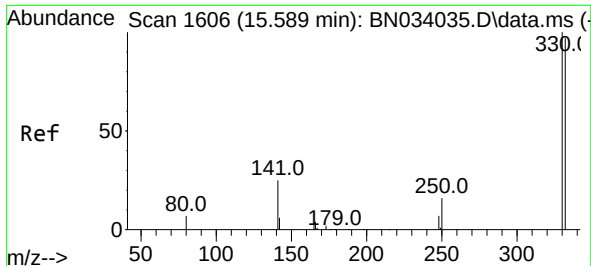


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.026 min Scan# 1475
Delta R.T. 0.011 min
Lab File: BN034547.D
Acq: 11 Oct 2024 08:03



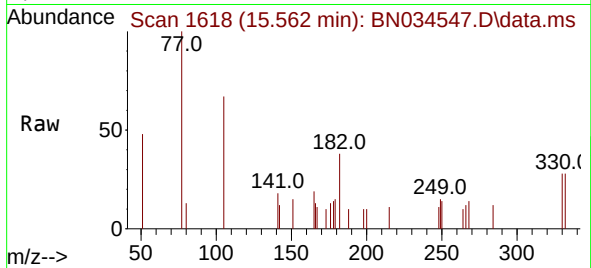
Tgt Ion:164 Resp: 6223
Ion Ratio Lower Upper
164 100
162 103.3 84.2 126.2
160 51.3 41.7 62.5





#14
2,4,6-Tribromophenol
Concen: 0.114 ng
RT: 15.562 min Scan# 11
Delta R.T. 0.025 min
Lab File: BN034547.D
Acq: 11 Oct 2024 08:03

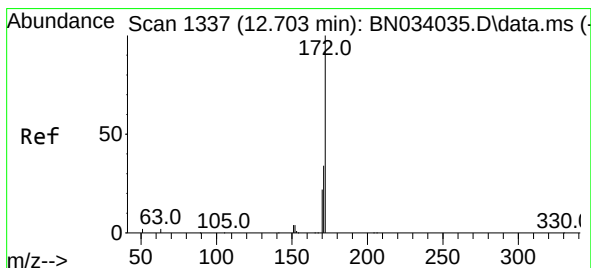
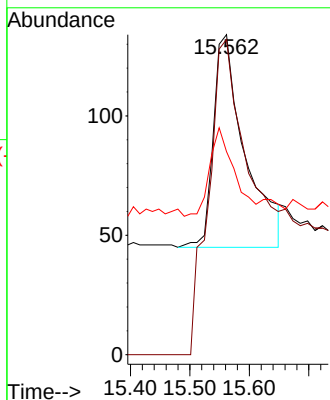
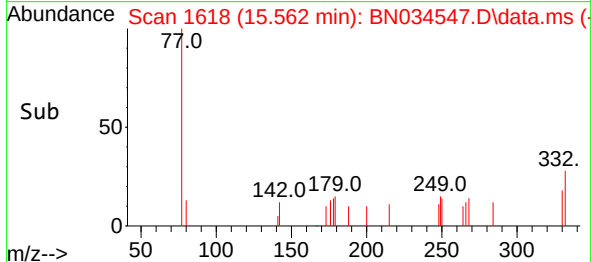
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BNA_N
ClientSampleId :
TT101D1-20240924DL



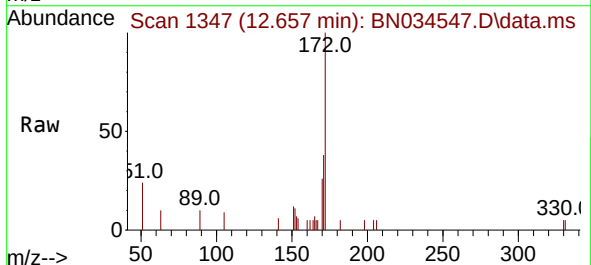
Tgt Ion: 330 Resp: 32
Ion Ratio Lower Upper
330 100
332 218.1 77.4 116.0
141 32.4 35.9 53.9

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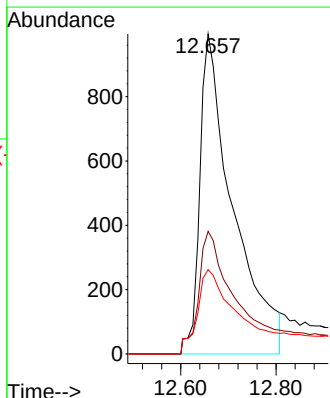
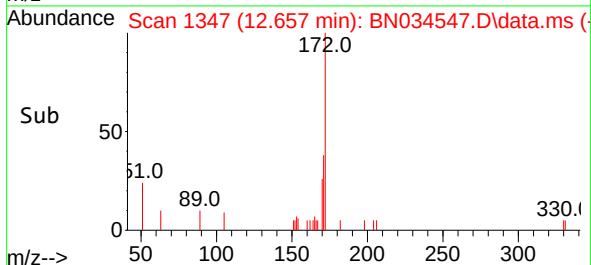
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024

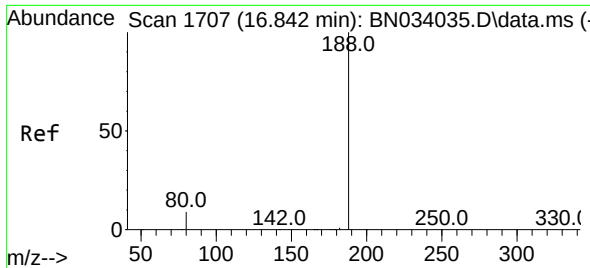


#15
2-Fluorobiphenyl
Concen: 0.173 ng m
RT: 12.657 min Scan# 1347
Delta R.T. 0.021 min
Lab File: BN034547.D
Acq: 11 Oct 2024 08:03



Tgt Ion: 172 Resp: 4382
Ion Ratio Lower Upper
172 100
171 38.3 27.3 40.9
170 26.3 18.1 27.1





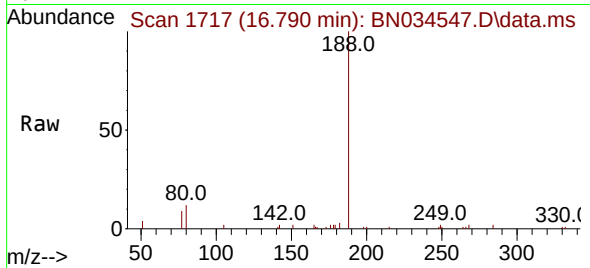
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Phenanthrene-d10
Concen: 0.400 ng
RT: 16.790 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN034547.D
Acq: 11 Oct 2024 08:03

Instrument :

BNA_N

ClientSampleId :

TT101D1-20240924DL

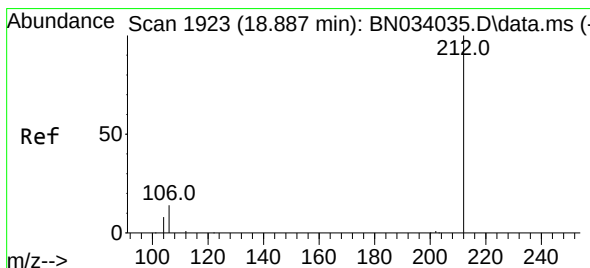
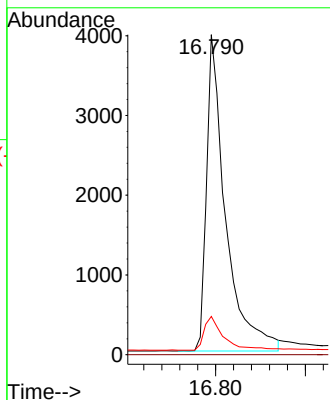
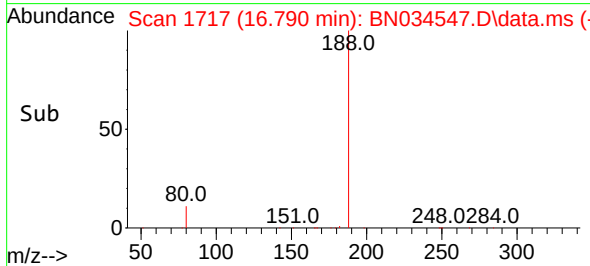


Tgt Ion:188 Resp: 1166
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 7.4 11.0

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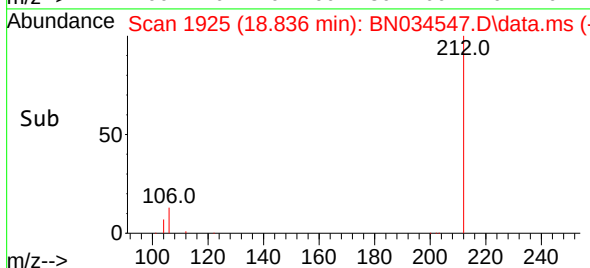
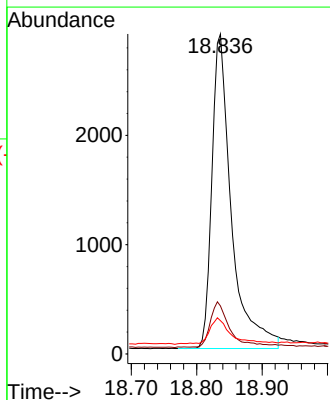
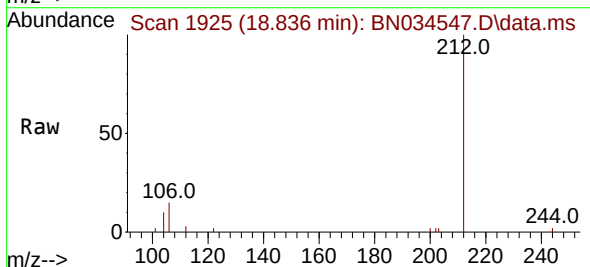
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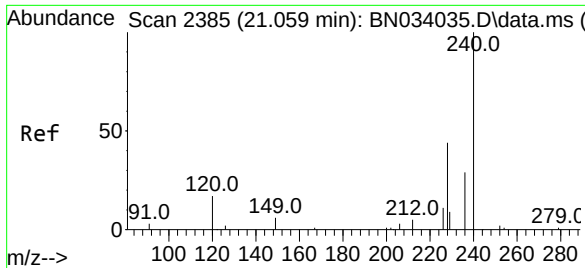
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024



#27
Fluoranthene-d10
Concen: 0.202 ng
RT: 18.836 min Scan# 1925
Delta R.T. 0.009 min
Lab File: BN034547.D
Acq: 11 Oct 2024 08:03

Tgt Ion:212 Resp: 5955
Ion Ratio Lower Upper
212 100
106 14.3 13.4 20.2
104 8.6 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.015 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN034547.D

Acq: 11 Oct 2024 08:03

Instrument :

BNA_N

ClientSampleId :

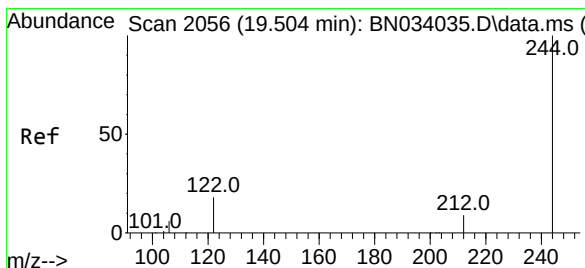
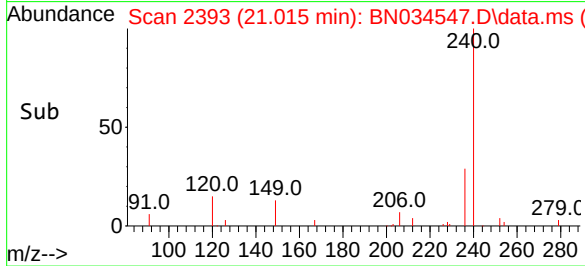
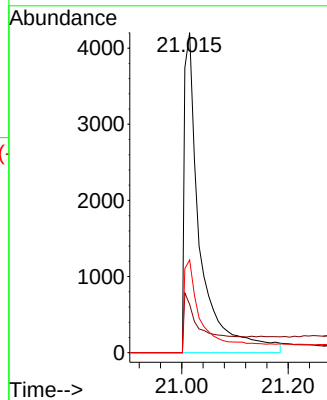
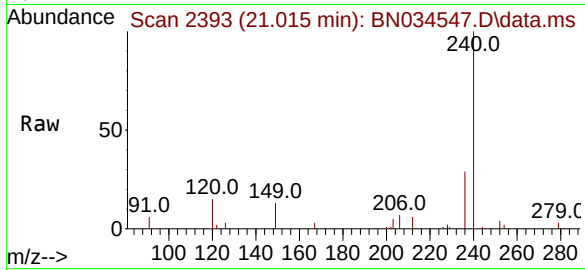
TT101D1-20240924DL

Tgt Ion:240	Resp:	877
Ion Ratio	Lower	Upper
240	100	
120	15.1	13.5 20.3
236	29.0	23.4 35.0

Manual Integrations

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



#31

Terphenyl-d14

Concen: 0.231 ng

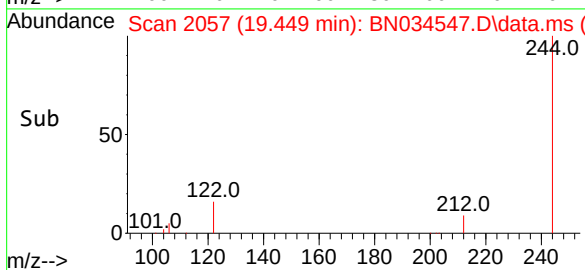
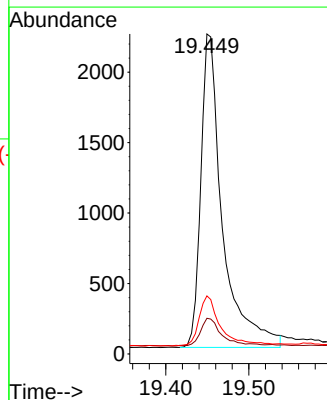
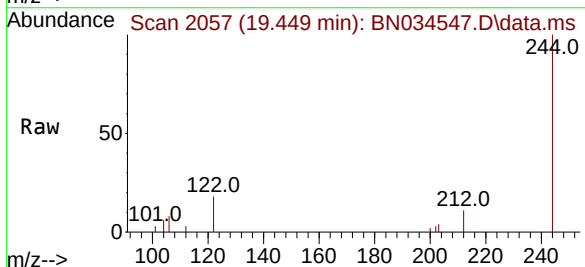
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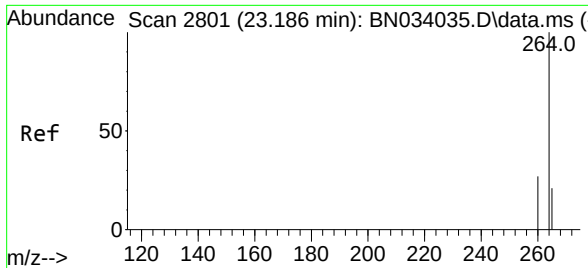
Delta R.T. -0.000 min

Lab File: BN034547.D

Acq: 11 Oct 2024 08:03

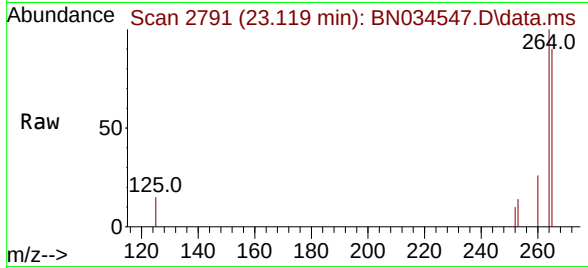
Tgt Ion:244	Resp:	4041
Ion Ratio	Lower	Upper
244	100	
212	11.1	7.8 11.6
122	18.1	14.8 22.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.119 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BN034547.D
 Acq: 11 Oct 2024 08:03

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20240924DL



Tgt Ion:264 Resp: 9615
 Ion Ratio Lower Upper
 264 100
 260 25.9 21.7 32.5
 265 90.3 52.1 78.1

Manual Integrations
 APPROVED

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

