

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
 Data File : BN034540.D
 Acq On : 11 Oct 2024 03:50
 Operator : RC/JU
 Sample : P4241-03
 Misc :
 ALS Vial : 116 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT189D1-GW-20240927

Manual Integrations
 APPROVED

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

Quant Time: Oct 11 04:14:58 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	4059	0.400	ng	0.00
7) Naphthalene-d8	10.137	136	10555	0.400	ng	0.01
13) Acenaphthene-d10	14.026	164	6182	0.400	ng	0.01
19) Phenanthrene-d10	16.791	188	11706	0.400	ng	0.01
29) Chrysene-d12	21.006	240	8588	0.400	ng	0.00
35) Perylene-d12	23.111	264	10546	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	1203	0.104	ng	0.00
5) Phenol-d6	6.586	99	433m	0.032	ng	0.01
8) Nitrobenzene-d5	8.547	82	1923m	0.238	ng	0.03
11) 2-Methylnaphthalene-d10	11.746	152	4880m	0.313	ng	0.02
14) 2,4,6-Tribromophenol	15.549	330	642	0.229	ng	0.01
15) 2-Fluorobiphenyl	12.647	172	7365	0.293	ng	0.01
27) Fluoranthene-d10	18.832	212	11699	0.396	ng	0.00
31) Terphenyl-d14	19.445	244	11160	0.651	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.025	88	24863	4.900	ng	99
6) bis(2-Chloroethyl)ether	6.824	93	459	0.039	ng	93

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

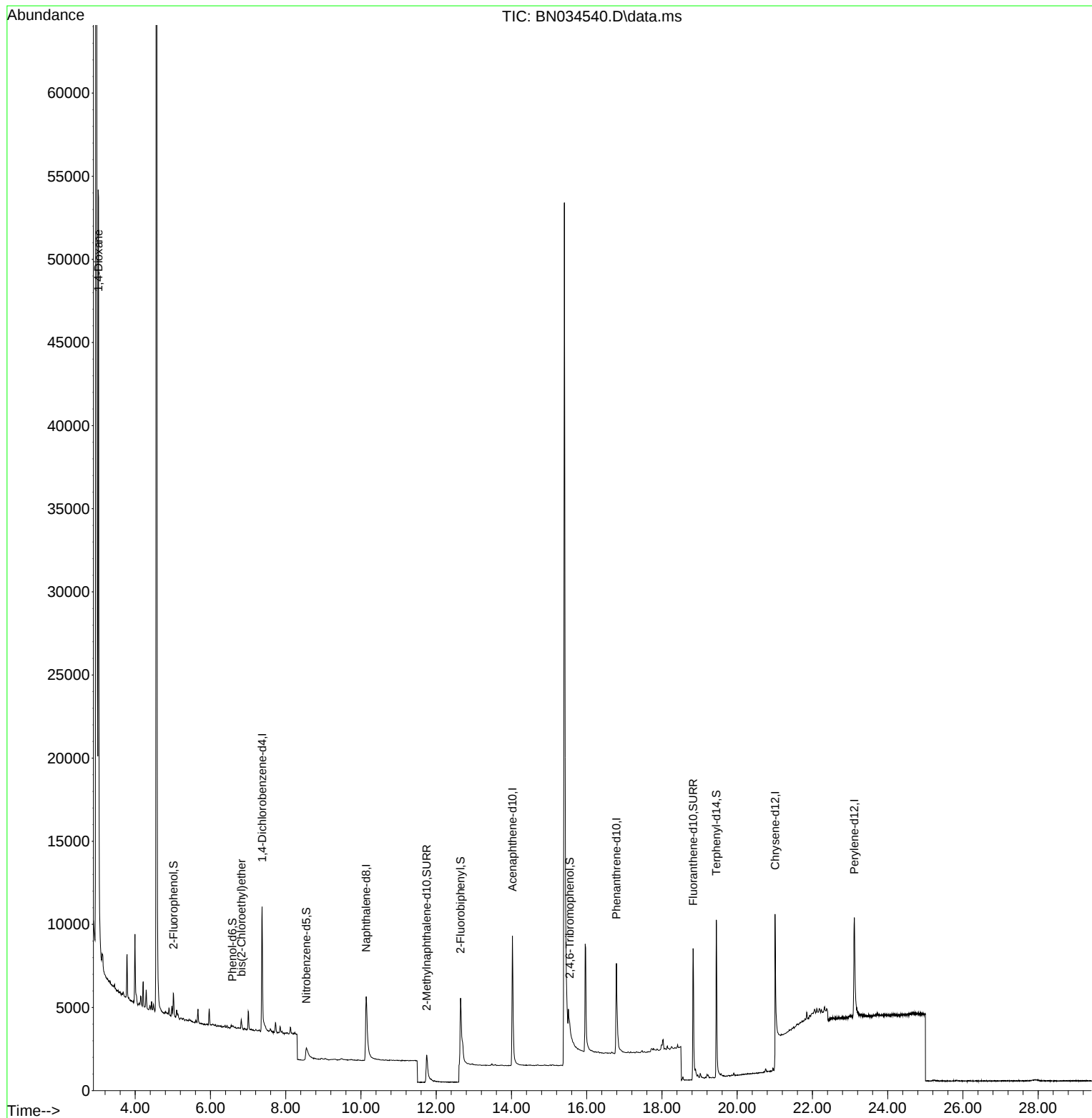
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
Data File : BN034540.D
Acq On : 11 Oct 2024 03:50
Operator : RC/JU
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 00:21:08 2024
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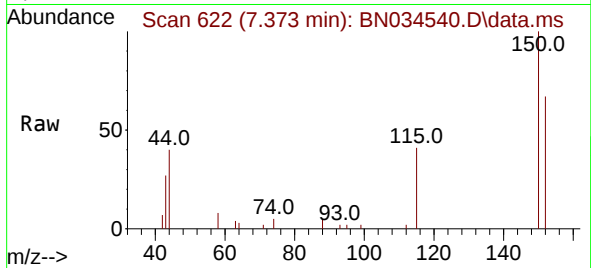
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.373 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN034540.D
Acq: 11 Oct 2024 03:50

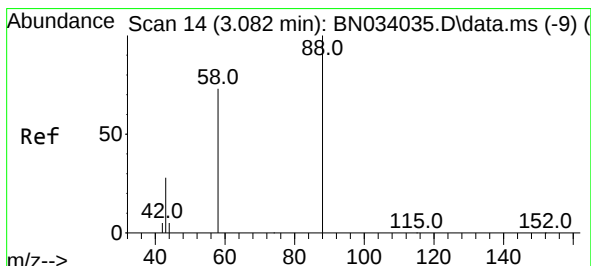
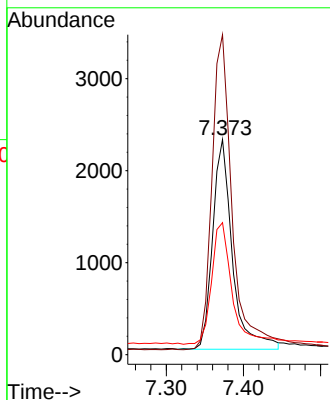
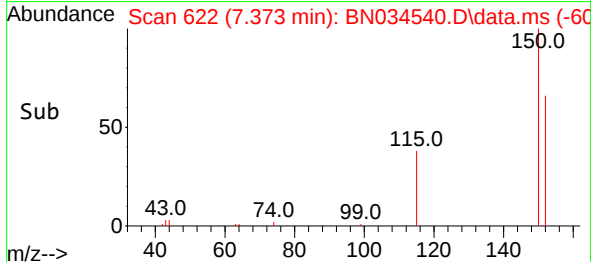
Instrument : BNA_N
ClientSampleId : BP-TT189D1-GW-20240927



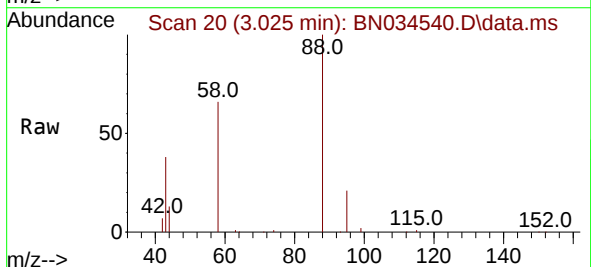
Tgt Ion: 152 Resp: 4059
Ion Ratio Lower Upper
152 100
150 148.7 124.6 187.0
115 61.4 50.0 75.0

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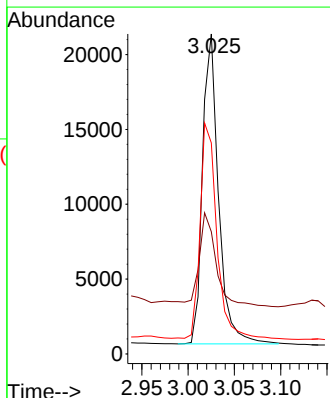
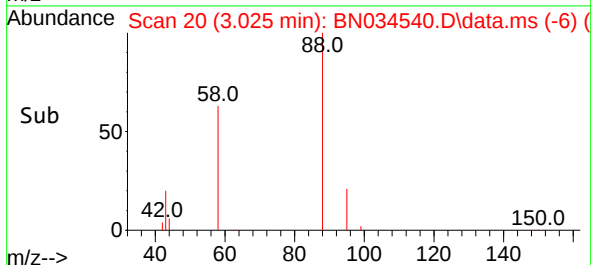
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024



#2
1,4-Dioxane
Concen: 4.900 ng
RT: 3.025 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN034540.D
Acq: 11 Oct 2024 03:50



Tgt Ion: 88 Resp: 24863
Ion Ratio Lower Upper
88 100
43 32.1 25.8 38.8
58 72.0 58.8 88.2





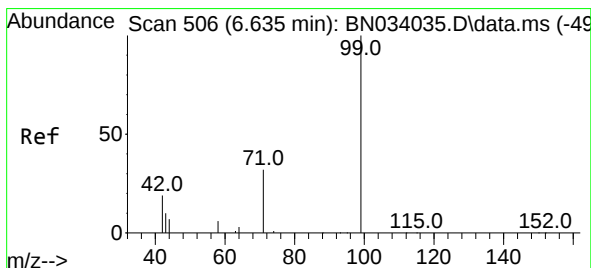
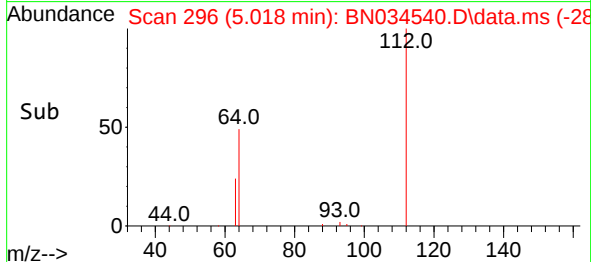
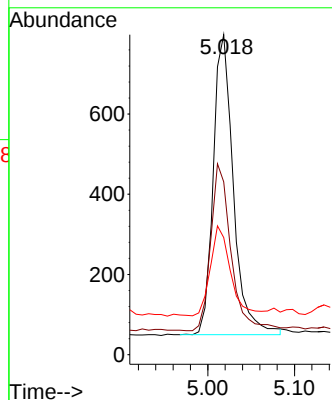
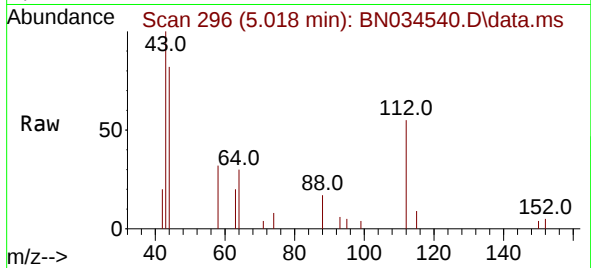
#4
2-Fluorophenol
Concen: 0.104 ng
RT: 5.018 min Scan# 290
Delta R.T. 0.007 min
Lab File: BN034540.D
Acq: 11 Oct 2024 03:50

Instrument :
BNA_N
ClientSampleId :
BP-TT189D1-GW-20240927

Tgt Ion: 112 Resp: 120
Ion Ratio Lower Upper
112 100
64 56.1 48.6 72.8
63 30.0 25.6 38.4

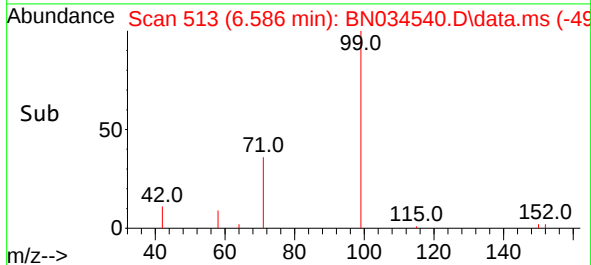
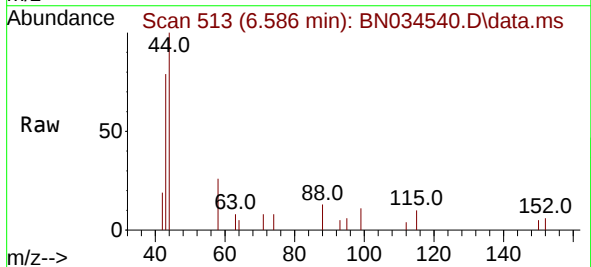
Manual Integrations
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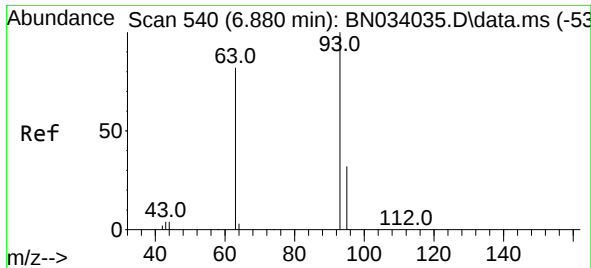
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024



#5
Phenol-d6
Concen: 0.032 ng m
RT: 6.586 min Scan# 513
Delta R.T. 0.015 min
Lab File: BN034540.D
Acq: 11 Oct 2024 03:50

Tgt Ion: 99 Resp: 433
Ion Ratio Lower Upper
99 100
42 13.2 17.8 26.8#
71 6.7 26.2 39.2#





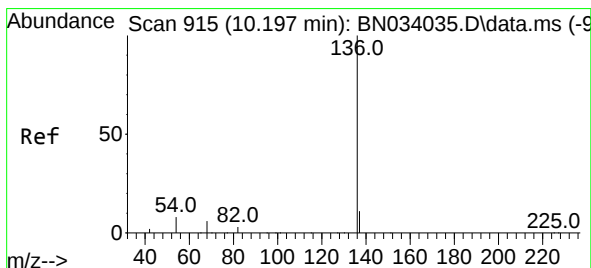
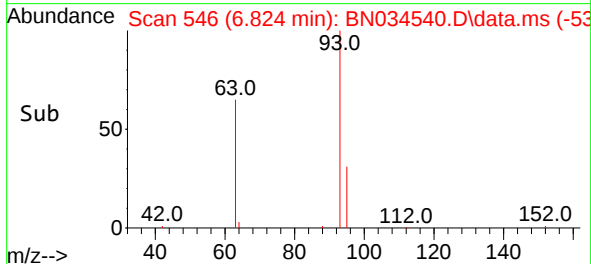
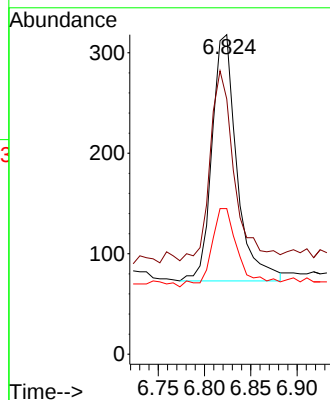
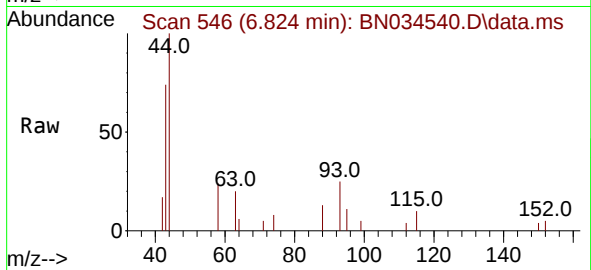
#6
bis(2-Chloroethyl)ether
Concen: 0.039 ng
RT: 6.824 min Scan# 540
Delta R.T. 0.007 min
Lab File: BN034540.D
Acq: 11 Oct 2024 03:50

Instrument :
BNA_N
ClientSampleId :
BP-TT189D1-GW-20240927

Tgt Ion: 93	Resp: 459
Ion Ratio	Lower Upper
93 100	
63 75.6	67.3 100.9
95 34.6	26.8 40.2

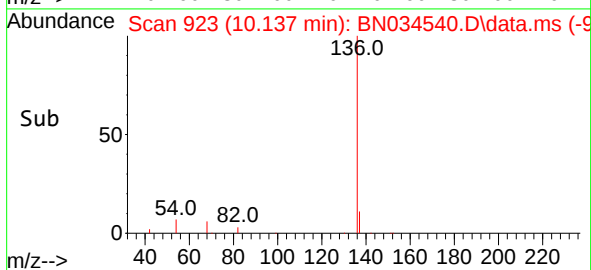
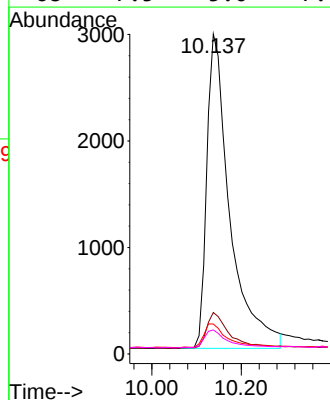
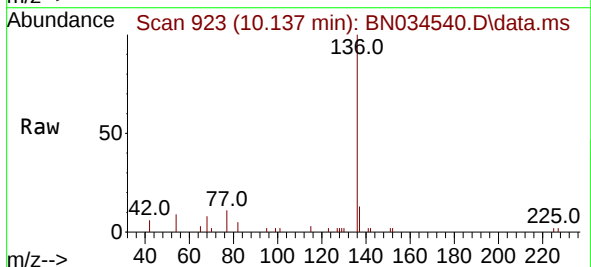
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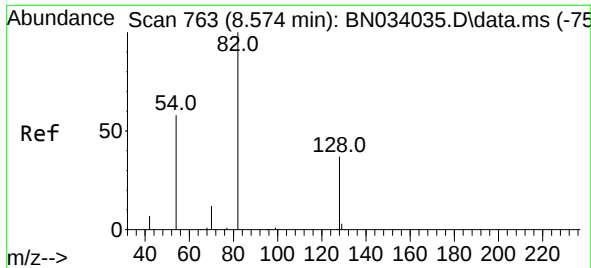
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 923
Delta R.T. 0.011 min
Lab File: BN034540.D
Acq: 11 Oct 2024 03:50

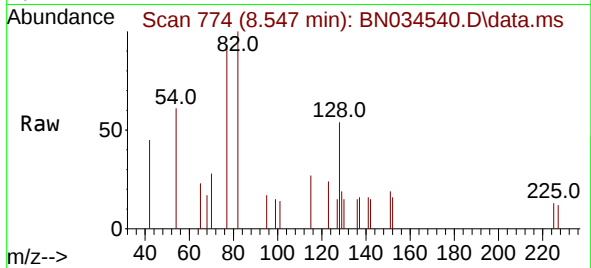
Tgt	Ion:136	Resp:	10555
Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.0	13.6
54	9.4	6.8	10.2
68	7.5	5.0	7.6





#8
Nitrobenzene-d5
Concen: 0.238 ng m
RT: 8.547 min Scan# 71
Delta R.T. 0.032 min
Lab File: BN034540.D
Acq: 11 Oct 2024 03:50

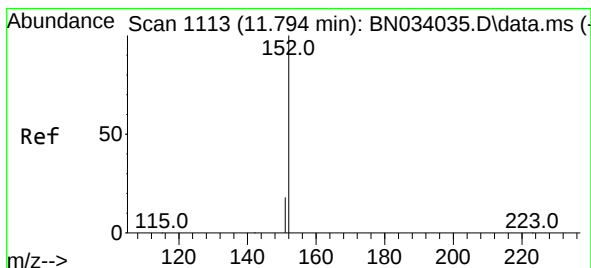
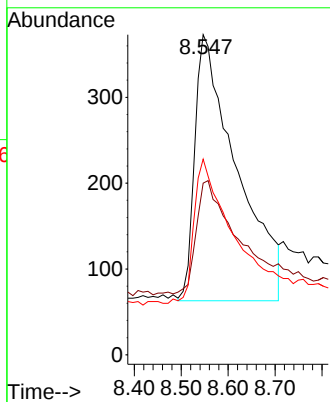
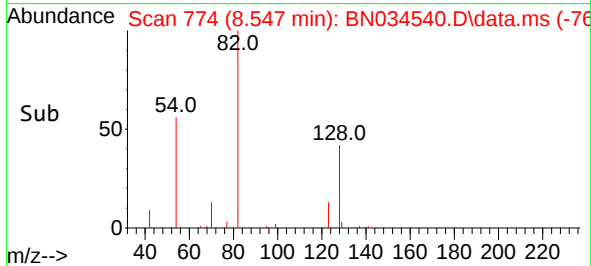
Instrument :
BNA_N
ClientSampleId :
BP-TT189D1-GW-20240927



Tgt Ion: 82 Resp: 192
Ion Ratio Lower Upper
82 100
128 53.6 31.4 47.2
54 61.1 47.4 71.0

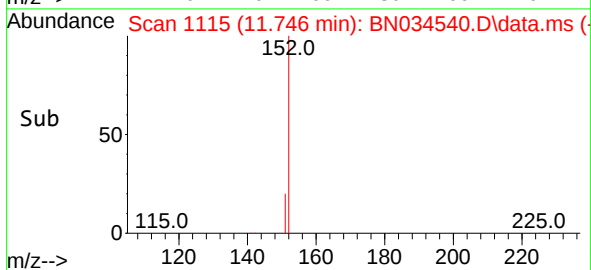
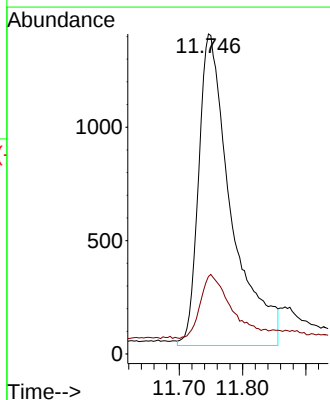
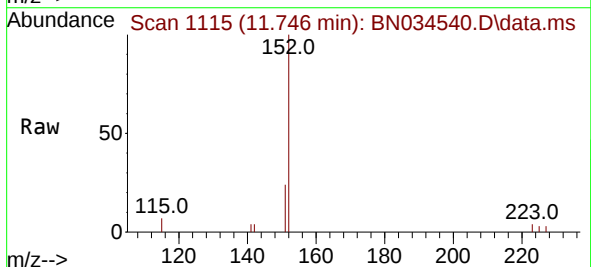
Manual Integrations
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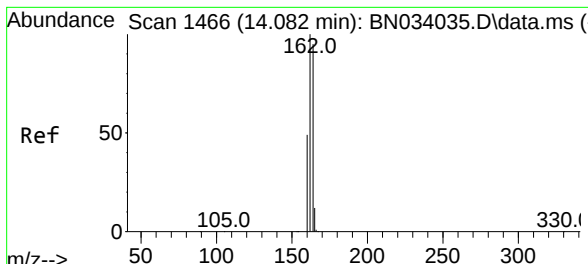
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024



#11
2-Methylnaphthalene-d10
Concen: 0.313 ng m
RT: 11.746 min Scan# 1115
Delta R.T. 0.019 min
Lab File: BN034540.D
Acq: 11 Oct 2024 03:50

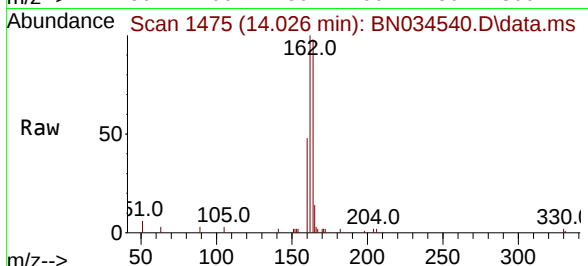
Tgt Ion:152 Resp: 4880
Ion Ratio Lower Upper
152 100
151 19.2 16.8 25.2





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.026 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN034540.D
Acq: 11 Oct 2024 03:50

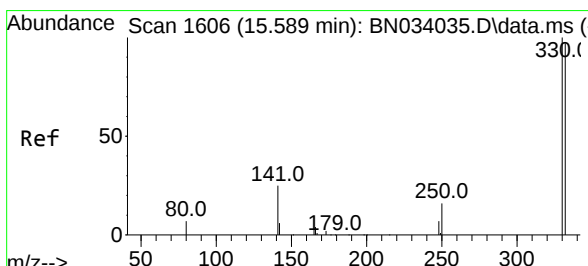
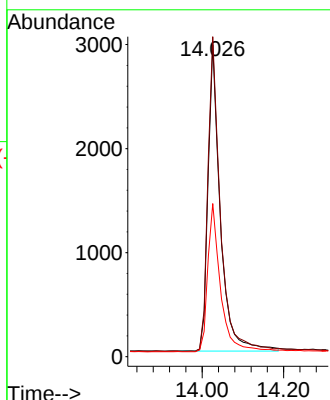
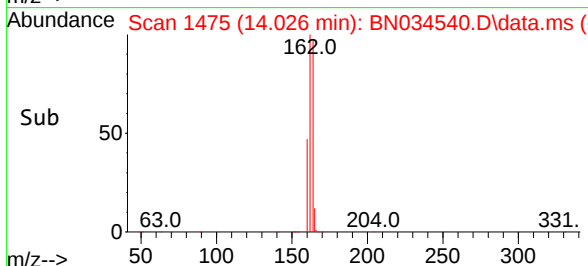
Instrument :
BNA_N
ClientSampleId :
BP-TT189D1-GW-20240927



Tgt Ion:164 Resp: 618
Ion Ratio Lower Upper
164 100
162 102.5 84.2 126.2
160 49.1 41.7 62.5

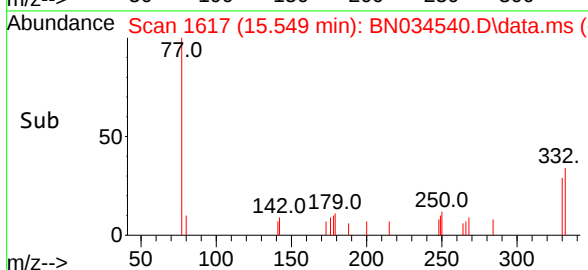
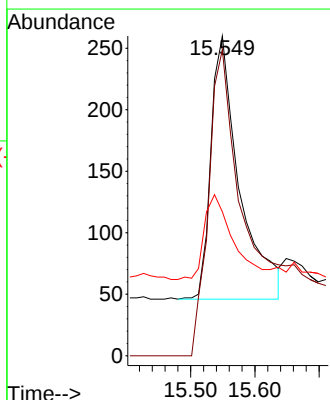
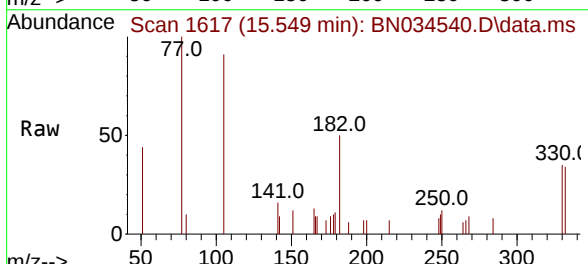
Manual Integrations
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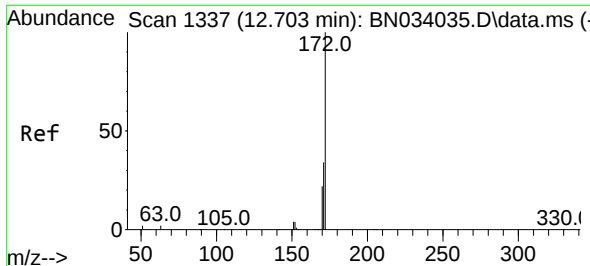
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024



#14
2,4,6-Tribromophenol
Concen: 0.229 ng
RT: 15.549 min Scan# 1617
Delta R.T. 0.012 min
Lab File: BN034540.D
Acq: 11 Oct 2024 03:50

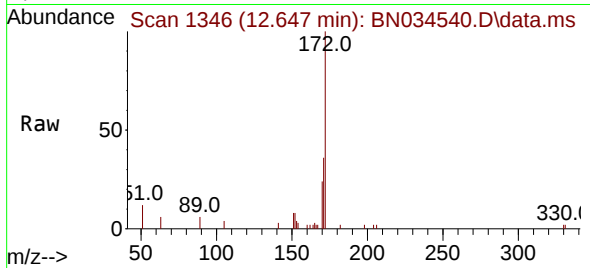
Tgt Ion:330 Resp: 642
Ion Ratio Lower Upper
330 100
332 160.6 77.4 116.0#
141 32.9 35.9 53.9#





#15
2-Fluorobiphenyl
Concen: 0.293 ng
RT: 12.647 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN034540.D
Acq: 11 Oct 2024 03:50

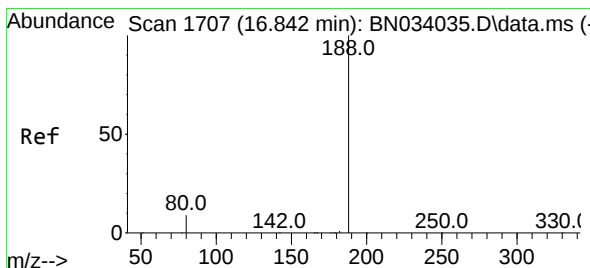
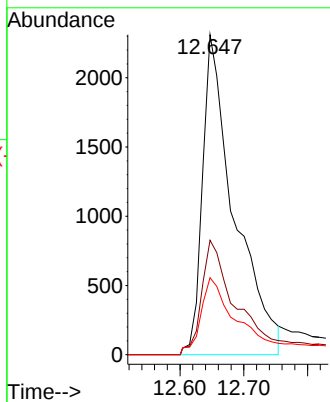
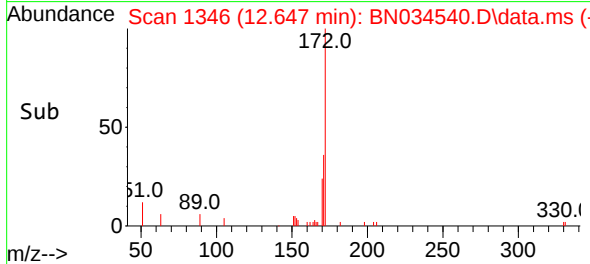
Instrument :
BNA_N
ClientSampleId :
BP-TT189D1-GW-20240927



Tgt Ion:172 Resp: 736
Ion Ratio Lower Upper
172 100
171 35.7 27.3 40.9
170 24.1 18.1 27.1

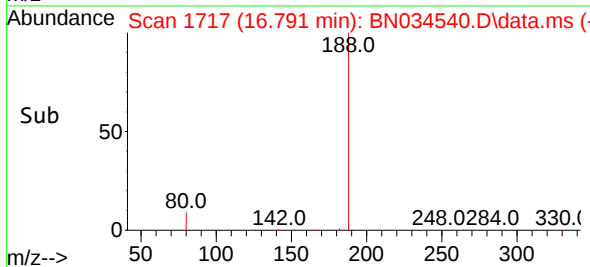
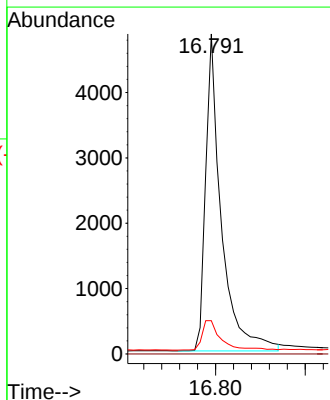
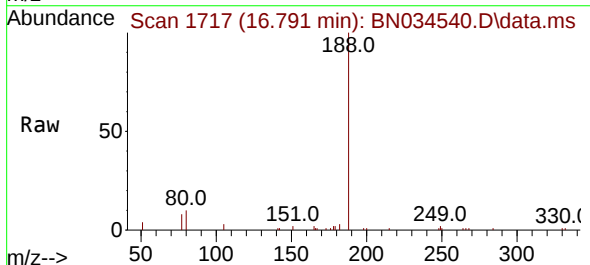
Manual Integrations
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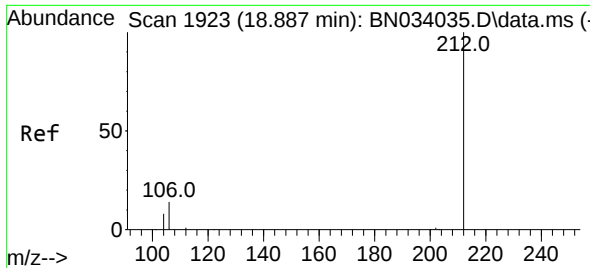
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.791 min Scan# 1717
Delta R.T. 0.012 min
Lab File: BN034540.D
Acq: 11 Oct 2024 03:50

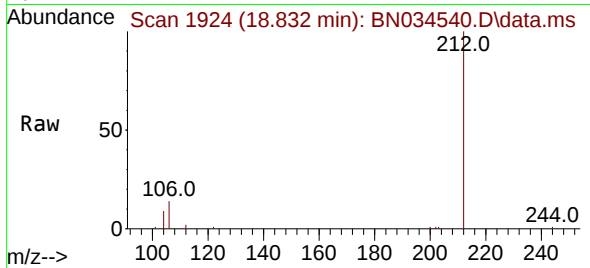
Tgt Ion:188 Resp: 11706
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 7.4 11.0





#27
Fluoranthene-d10
Concen: 0.396 ng
RT: 18.832 min Scan# 1924
Delta R.T. 0.005 min
Lab File: BN034540.D
Acq: 11 Oct 2024 03:50

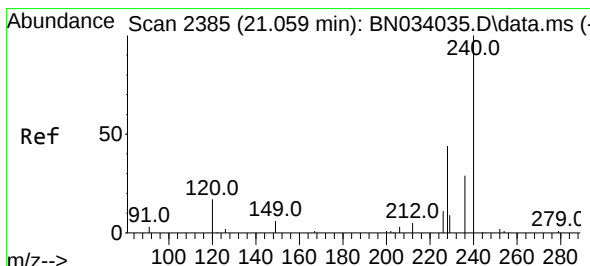
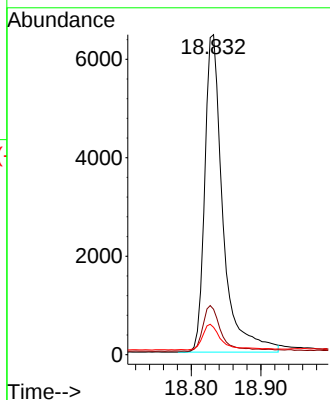
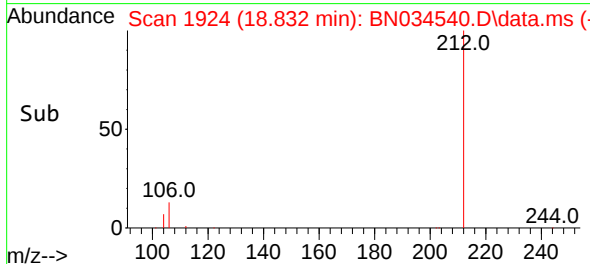
Instrument :
BNA_N
ClientSampleId :
BP-TT189D1-GW-20240927



Tgt Ion:212 Resp: 11699
Ion Ratio Lower Upper
212 100
106 14.8 13.4 20.2
104 8.4 7.8 11.6

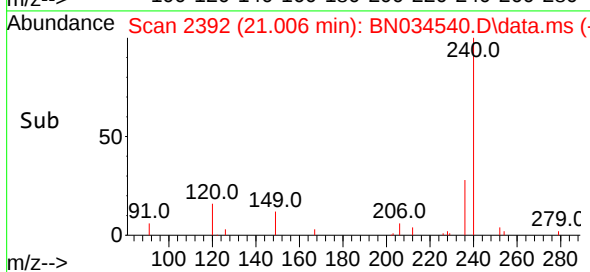
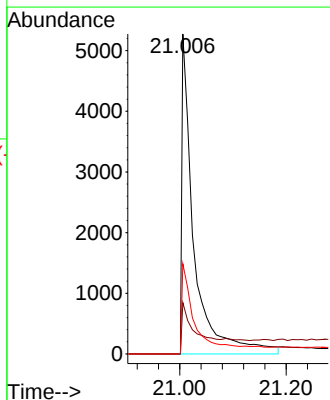
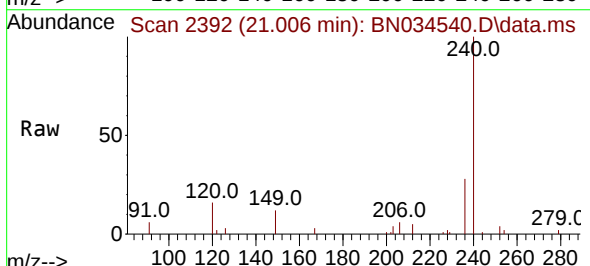
Manual Integrations
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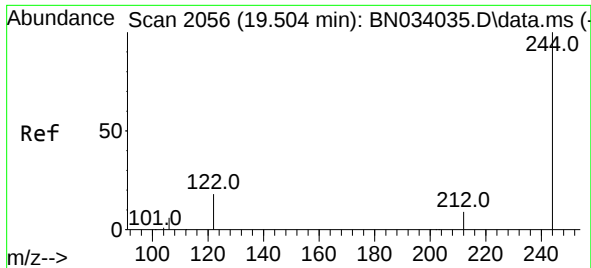
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.006 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BN034540.D
Acq: 11 Oct 2024 03:50

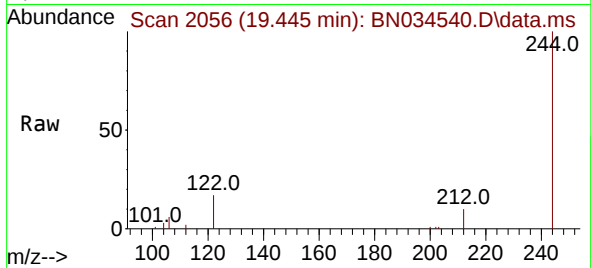
Tgt Ion:240 Resp: 8588
Ion Ratio Lower Upper
240 100
120 16.0 13.5 20.3
236 28.2 23.4 35.0





#31
 Terphenyl-d14
 Concen: 0.651 ng
 RT: 19.445 min Scan# 2056
 Delta R.T. -0.005 min
 Lab File: BN034540.D
 Acq: 11 Oct 2024 03:50

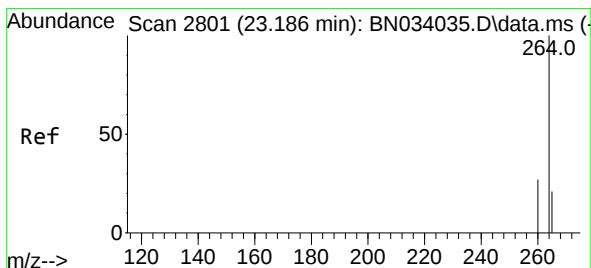
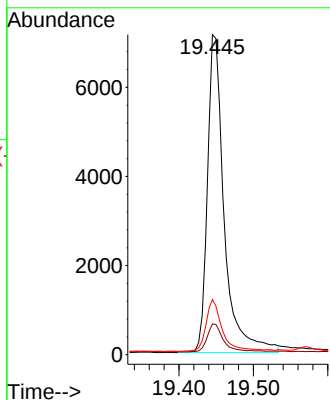
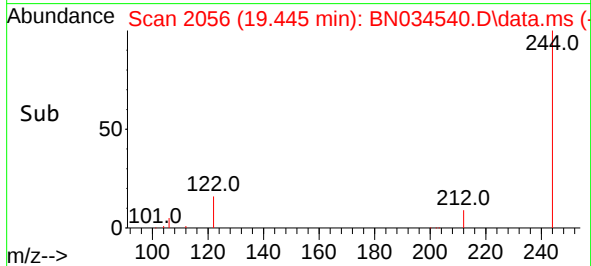
Instrument : BNA_N
 ClientSampleId : BP-TT189D1-GW-20240927



Tgt Ion:244 Resp: 11160
 Ion Ratio Lower Upper
 244 100
 212 9.6 7.8 11.6
 122 17.2 14.8 22.2

Manual Integrations
 APPROVED

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



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.111 min Scan# 2788
 Delta R.T. -0.003 min
 Lab File: BN034540.D
 Acq: 11 Oct 2024 03:50

Tgt Ion:264 Resp: 10546
 Ion Ratio Lower Upper
 264 100
 260 25.9 21.7 32.5
 265 86.5 52.1 78.1#

