

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092324\
 Data File : BN034164.D
 Acq On : 23 Sep 2024 13:42
 Operator : JU/RC
 Sample : P4116-16DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20240917DL

Quant Time: Sep 23 14:09:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/25/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	5032	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	13957	0.400	ng	#-0.02
13) Acenaphthene-d10	14.073	164	8505	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	17764	0.400	ng	0.00
29) Chrysene-d12	21.053	240	11109	0.400	ng	# 0.00
35) Perylene-d12	23.171	264	8874	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.062	112	661	0.046	ng	-0.01
5) Phenol-d6	6.629	99	388	0.023	ng	0.00
8) Nitrobenzene-d5	8.579	82	617	0.058	ng	0.00
11) 2-Methylnaphthalene-d10	11.788	152	1462	0.071	ng	0.00
14) 2,4,6-Tribromophenol	15.592	330	177	0.046	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	2595m	0.075	ng	0.00
27) Fluoranthene-d10	18.876	212	3771	0.084	ng	-0.01
31) Terphenyl-d14	19.494	244	2367	0.107	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.068	88	11015	1.751	ng	# 84

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

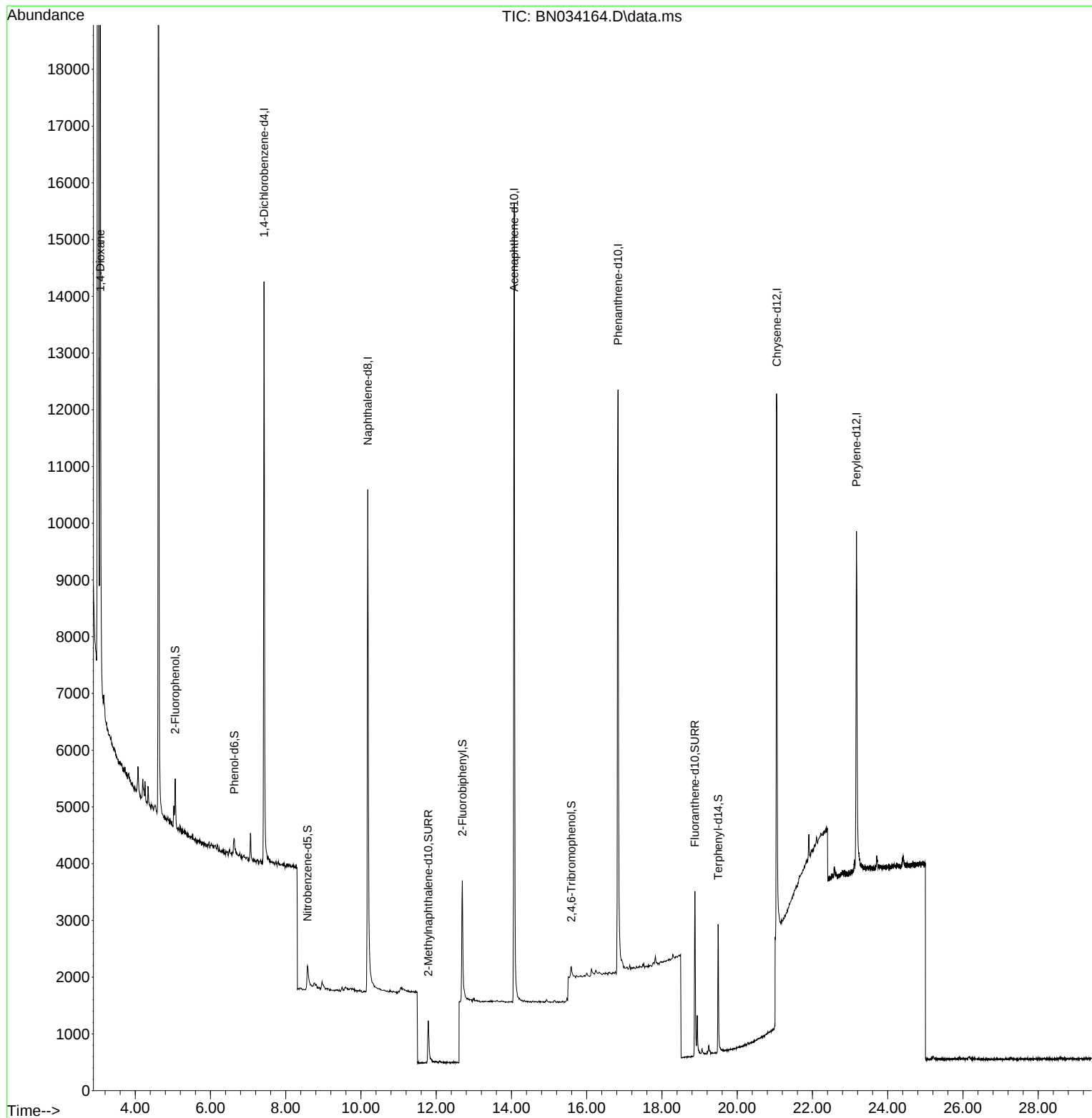
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092324\
Data File : BN034164.D
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Misc :
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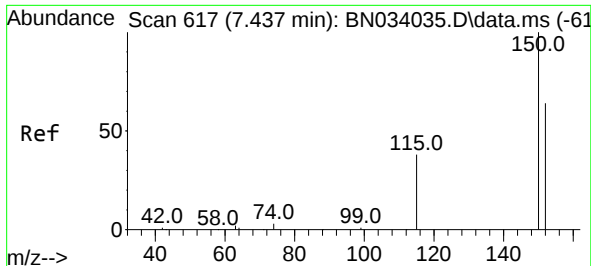
Instrument :
BNA_N
ClientSampleId :
RE131D1-20240917DL

Quant Time: Sep 23 14:09:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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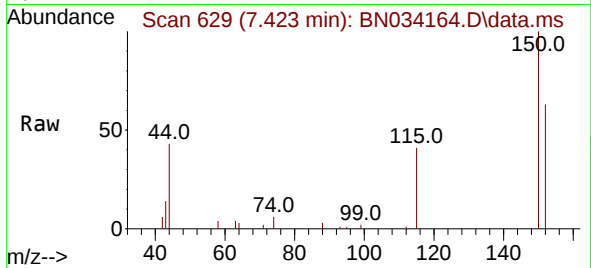
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.423 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034164.D
Acq: 23 Sep 2024 13:42

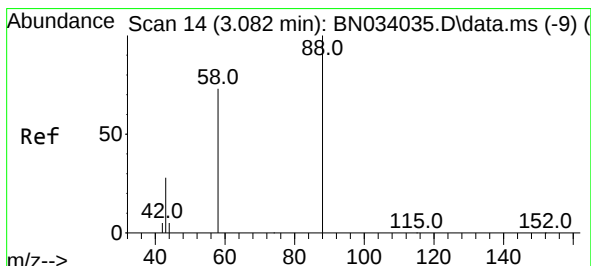
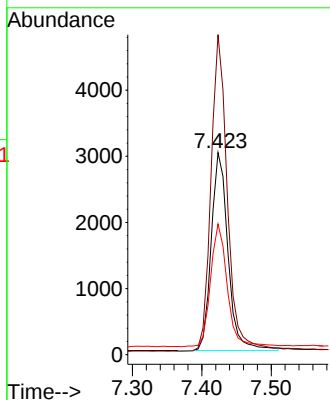
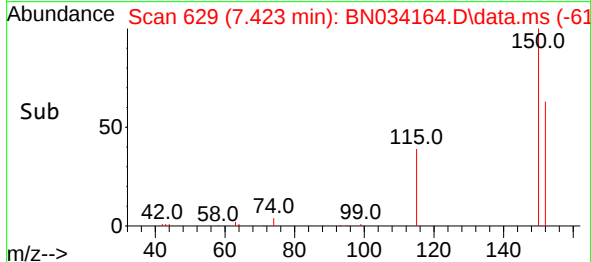
Instrument :
BNA_N
ClientSampleId :
RE131D1-20240917DL



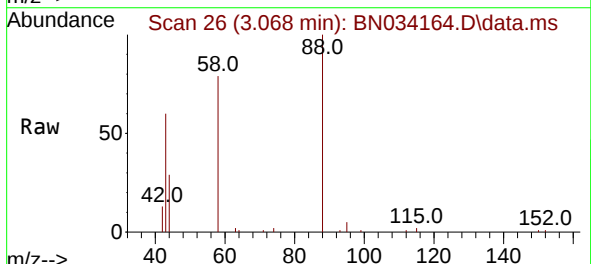
Tgt Ion: 152 Resp: 503
Ion Ratio Lower Upper
152 100
150 158.4 124.6 187.0
115 64.7 50.0 75.0

Manual Integrations
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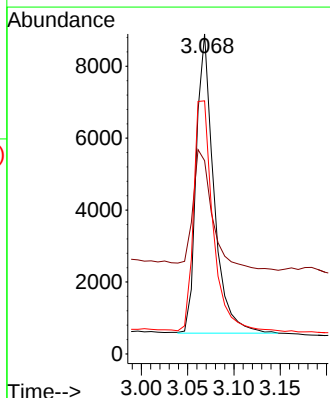
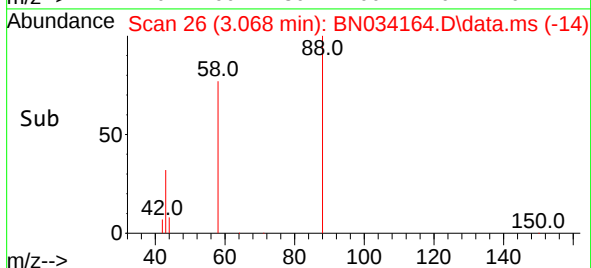
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

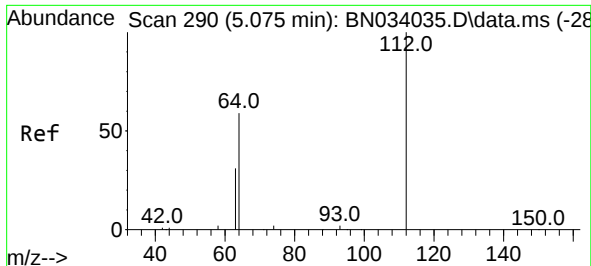


#2
1,4-Dioxane
Concen: 1.751 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034164.D
Acq: 23 Sep 2024 13:42



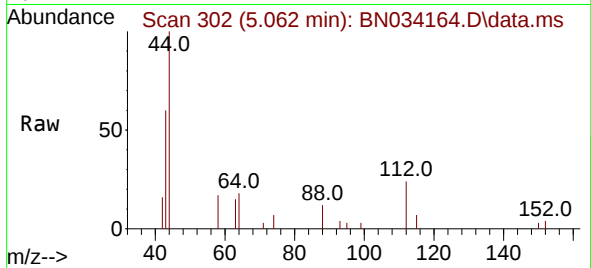
Tgt Ion: 88 Resp: 11015
Ion Ratio Lower Upper
88 100
43 45.1 25.8 38.8#
58 84.3 58.8 88.2





#4
2-Fluorophenol
Concen: 0.046 ng
RT: 5.062 min Scan# 301
Delta R.T. -0.013 min
Lab File: BN034164.D
Acq: 23 Sep 2024 13:42

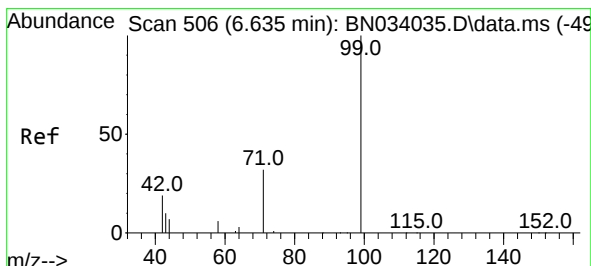
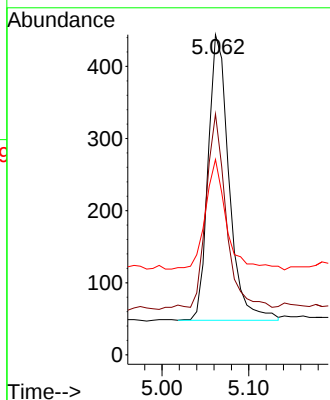
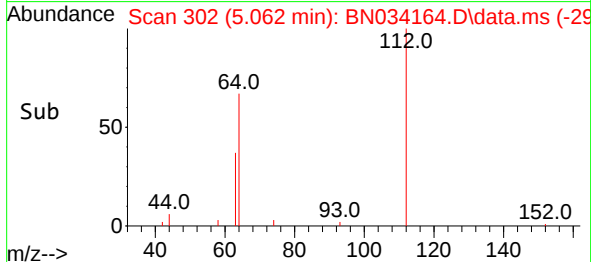
Instrument :
BNA_N
ClientSampleId :
RE131D1-20240917DL



Tgt Ion: 112 Resp: 66
Ion Ratio Lower Upper
112 100
64 67.3 48.6 72.8
63 37.5 25.6 38.4

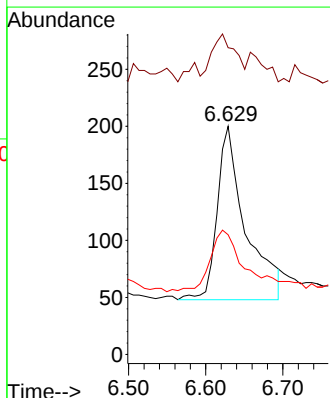
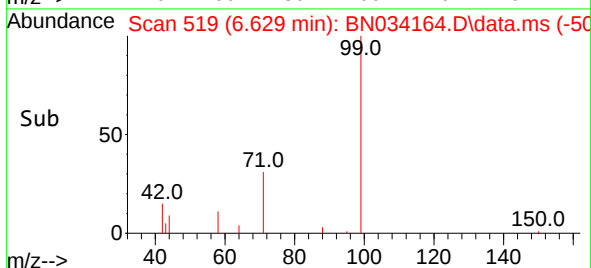
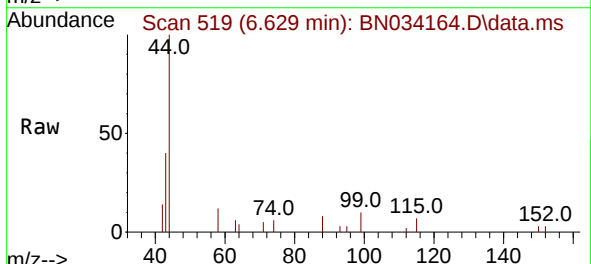
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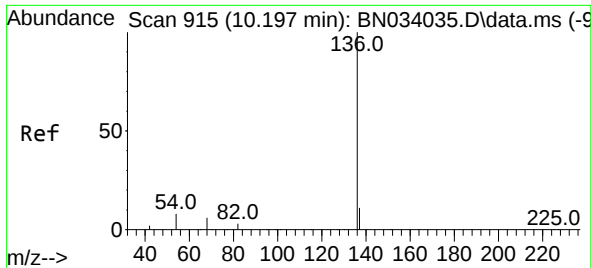
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#5
Phenol-d6
Concen: 0.023 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034164.D
Acq: 23 Sep 2024 13:42

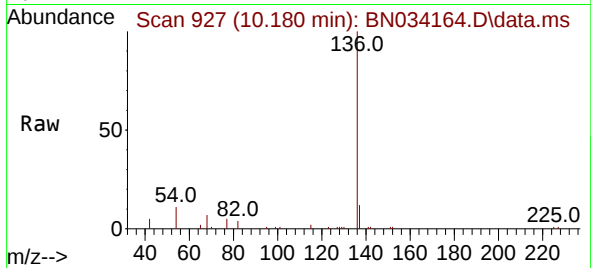
Tgt Ion: 99 Resp: 388
Ion Ratio Lower Upper
99 100
42 22.9 17.8 26.8
71 42.8 26.2 39.2#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034164.D
Acq: 23 Sep 2024 13:42

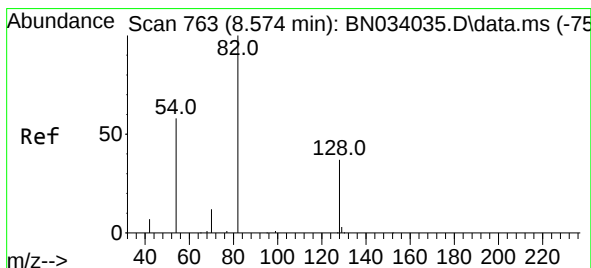
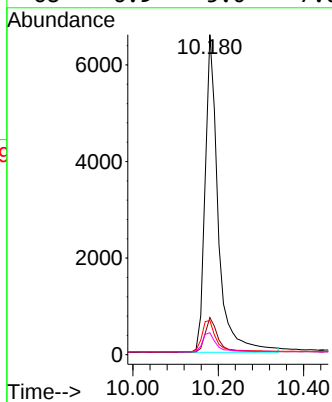
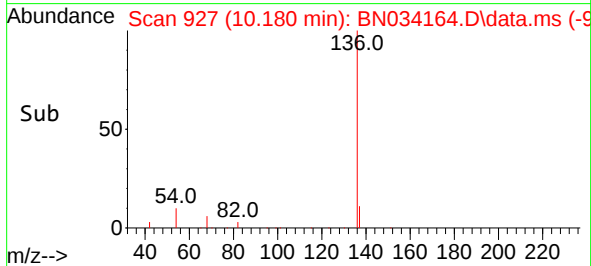
Instrument :
BNA_N
ClientSampleId :
RE131D1-20240917DL



Tgt Ion:136 Resp: 1395
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 10.7 6.8 10.2
68 6.9 5.0 7.6

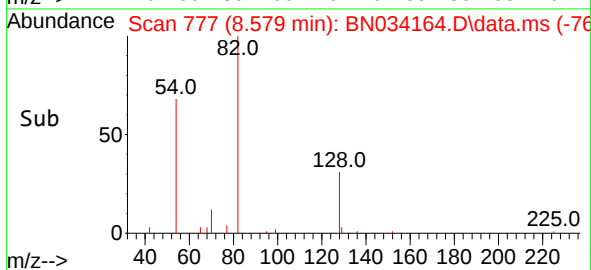
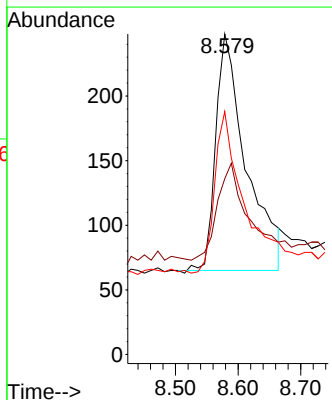
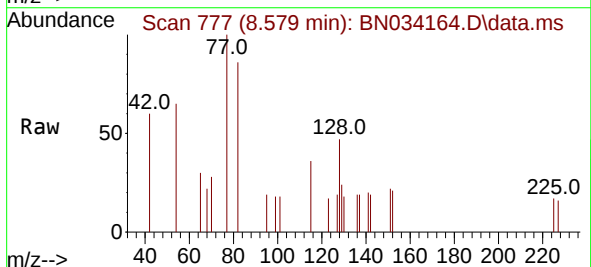
Manual Integrations
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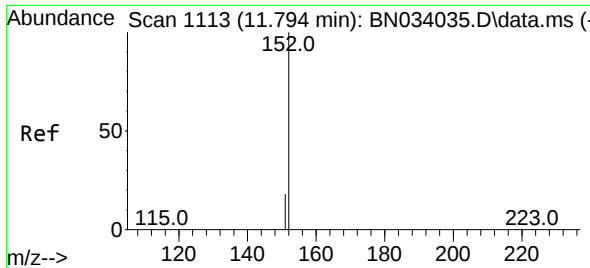
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#8
Nitrobenzene-d5
Concen: 0.058 ng
RT: 8.579 min Scan# 777
Delta R.T. 0.005 min
Lab File: BN034164.D
Acq: 23 Sep 2024 13:42

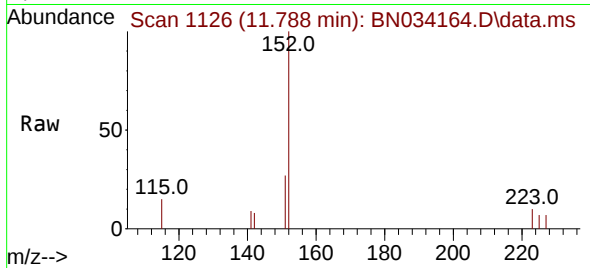
Tgt Ion: 82 Resp: 617
Ion Ratio Lower Upper
82 100
128 54.8 31.4 47.2#
54 75.8 47.4 71.0#





#11
2-Methylnaphthalene-d10
Concen: 0.071 ng
RT: 11.788 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BN034164.D
Acq: 23 Sep 2024 13:42

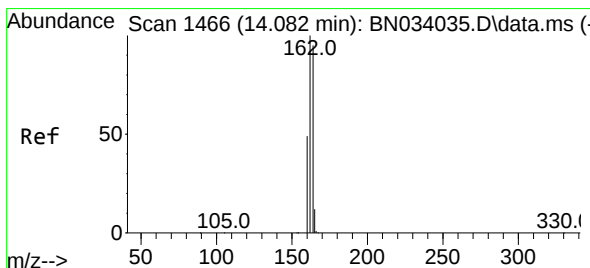
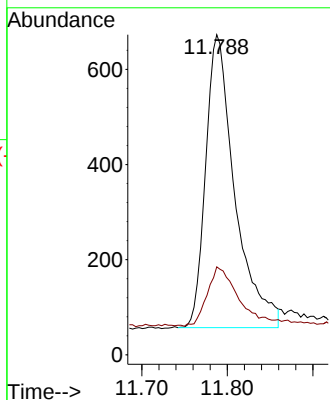
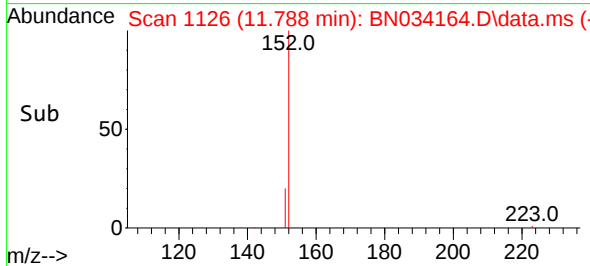
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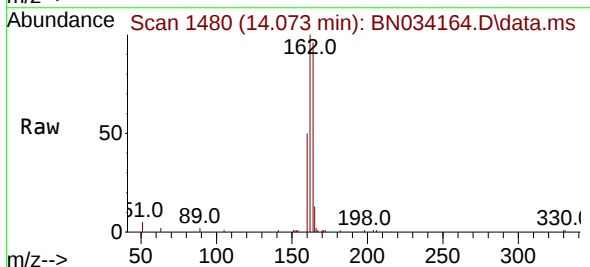
Tgt Ion:152 Resp: 1462
Ion Ratio Lower Upper
152 100
151 21.8 16.8 25.2

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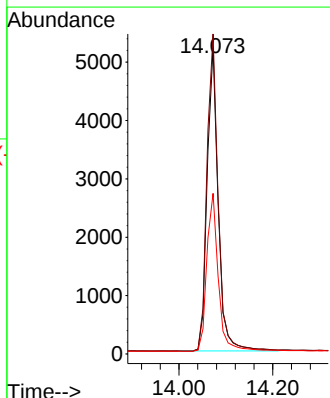
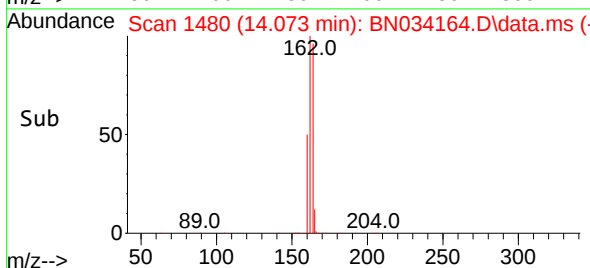
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

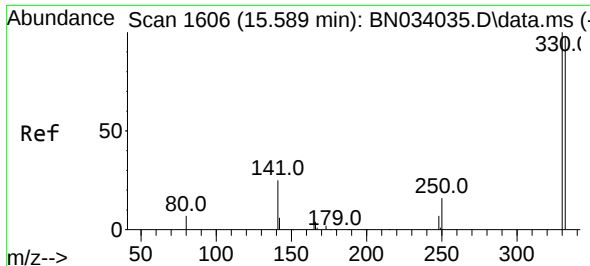


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.073 min Scan# 1480
Delta R.T. -0.009 min
Lab File: BN034164.D
Acq: 23 Sep 2024 13:42



Tgt Ion:164 Resp: 8505
Ion Ratio Lower Upper
164 100
162 104.6 84.2 126.2
160 52.5 41.7 62.5





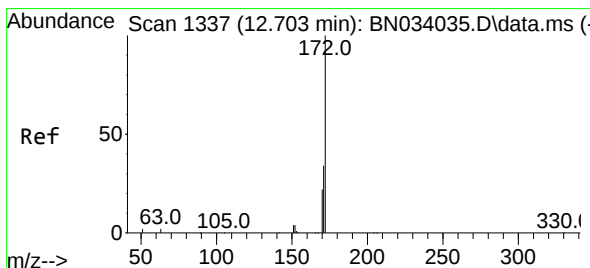
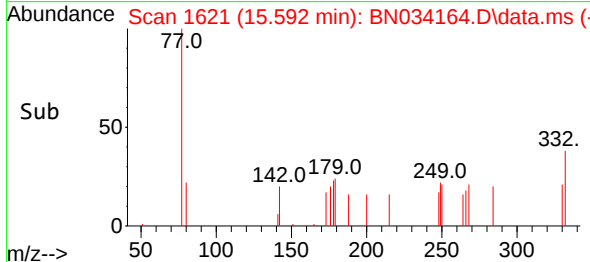
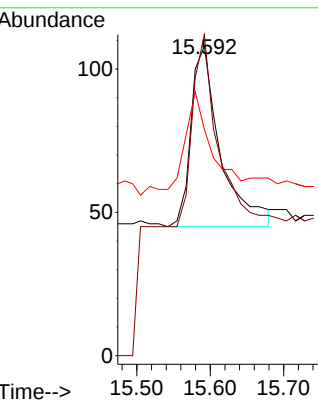
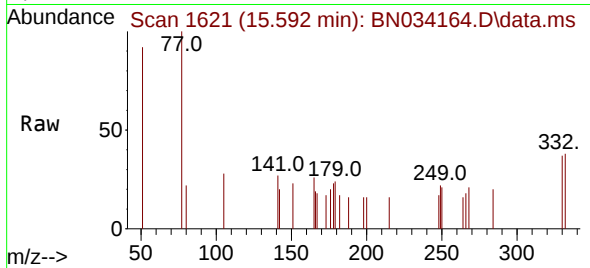
#14
2,4,6-Tribromophenol
Concen: 0.046 ng
RT: 15.592 min Scan# 1
Delta R.T. 0.003 min
Lab File: BN034164.D
Acq: 23 Sep 2024 13:42

Instrument :
BNA_N
ClientSampleId :
RE131D1-20240917DL

Tgt Ion:330 Resp: 17
Ion Ratio Lower Upper
330 100
332 91.5 77.4 116.0
141 59.3 35.9 53.9

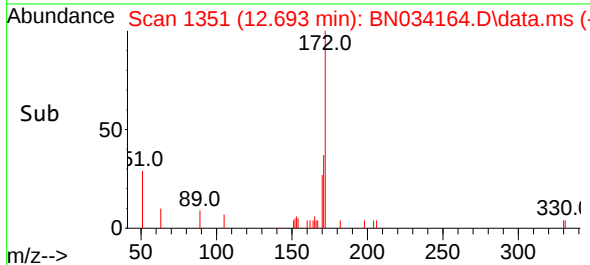
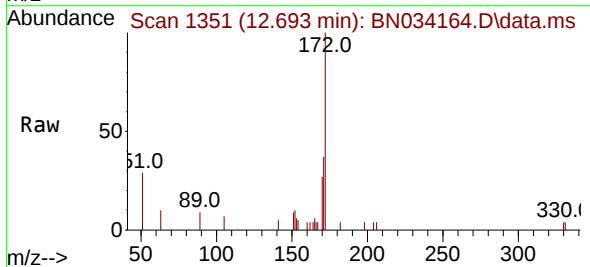
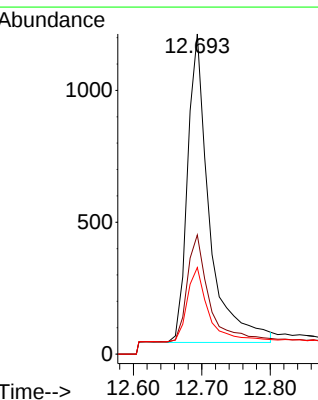
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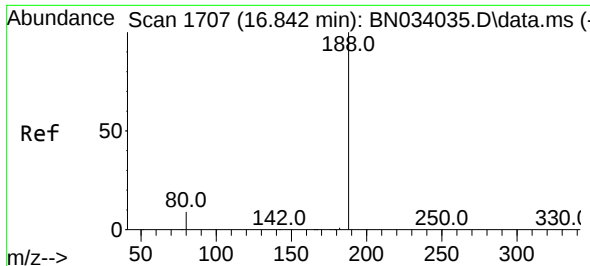
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#15
2-Fluorobiphenyl
Concen: 0.075 ng m
RT: 12.693 min Scan# 1351
Delta R.T. -0.009 min
Lab File: BN034164.D
Acq: 23 Sep 2024 13:42

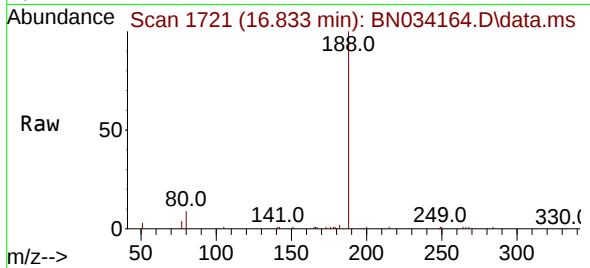
Tgt Ion:172 Resp: 2595
Ion Ratio Lower Upper
172 100
171 37.2 27.3 40.9
170 27.0 18.1 27.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN034164.D
Acq: 23 Sep 2024 13:42

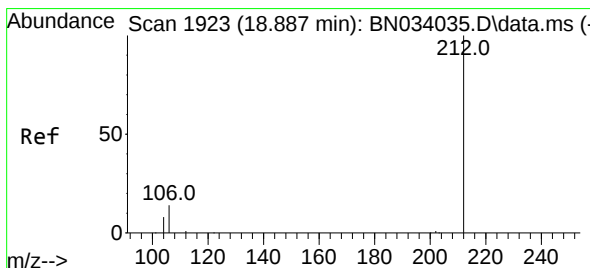
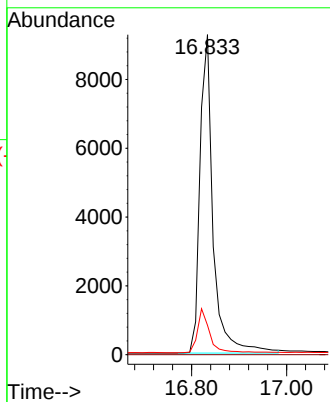
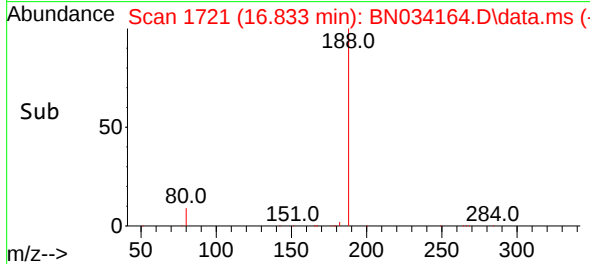
Instrument :
BNA_N
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RE131D1-20240917DL



Tgt Ion:188 Resp: 1776
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 7.4 11.0

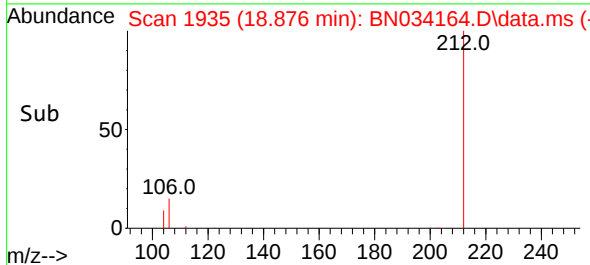
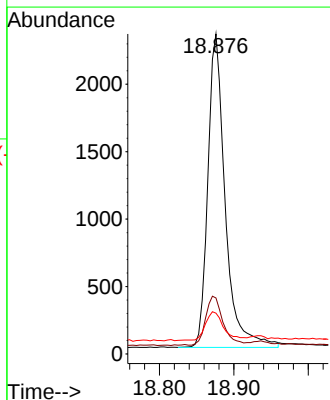
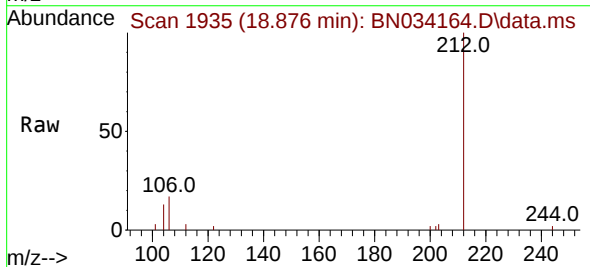
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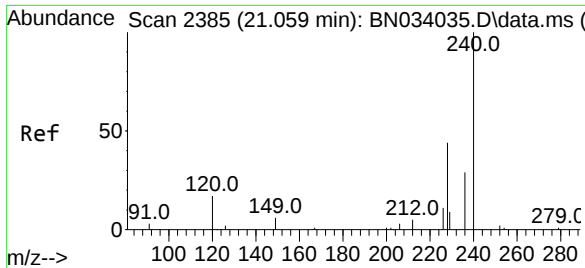
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#27
Fluoranthene-d10
Concen: 0.084 ng
RT: 18.876 min Scan# 1935
Delta R.T. -0.011 min
Lab File: BN034164.D
Acq: 23 Sep 2024 13:42

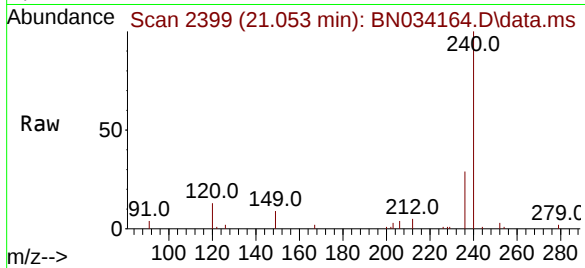
Tgt Ion:212 Resp: 3771
Ion Ratio Lower Upper
212 100
106 15.5 13.4 20.2
104 9.6 7.8 11.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.053 min Scan# 21109
Delta R.T. -0.006 min
Lab File: BN034164.D
Acq: 23 Sep 2024 13:42

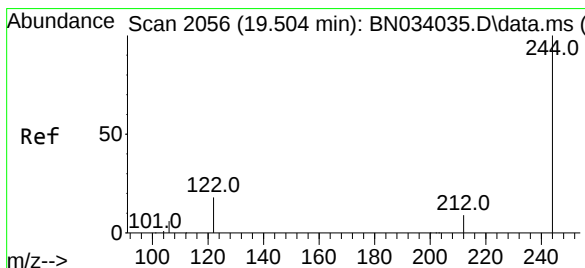
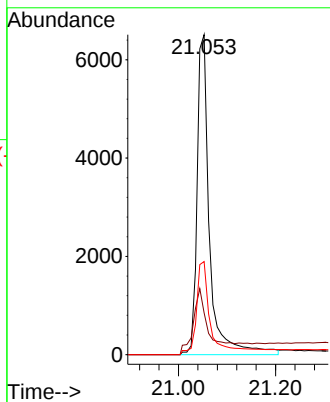
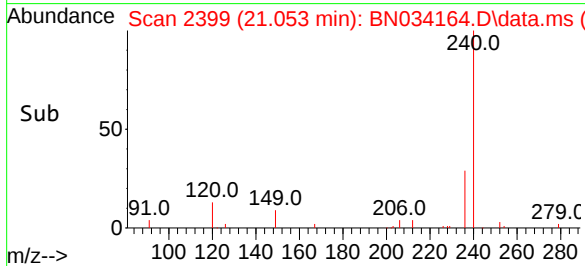
Instrument :
BNA_N
ClientSampleId :
RE131D1-20240917DL



Tgt Ion:240 Resp: 11109
Ion Ratio Lower Upper
240 100
120 13.1 13.5 20.3#
236 29.1 23.4 35.0

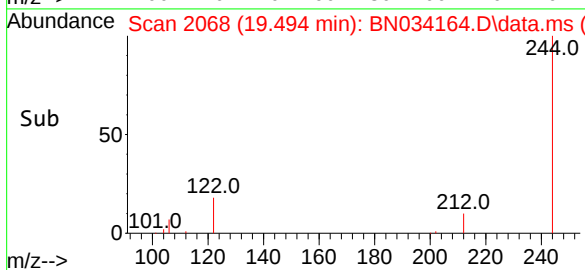
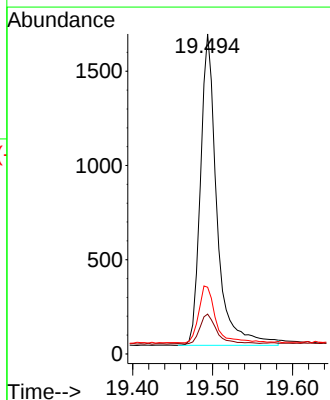
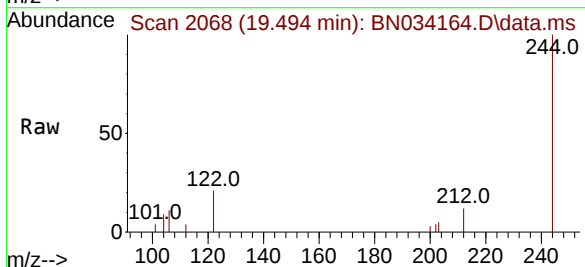
Manual Integrations
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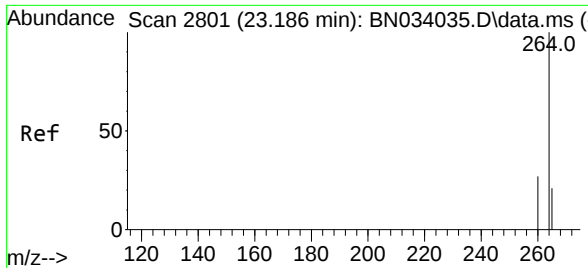
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#31
Terphenyl-d14
Concen: 0.107 ng
RT: 19.494 min Scan# 2068
Delta R.T. -0.011 min
Lab File: BN034164.D
Acq: 23 Sep 2024 13:42

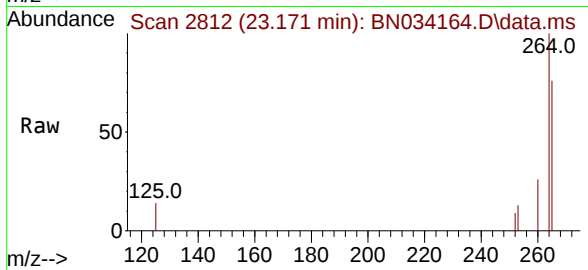
Tgt Ion:244 Resp: 2367
Ion Ratio Lower Upper
244 100
212 12.4 7.8 11.6#
122 20.8 14.8 22.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.171 min Scan# 2812
Delta R.T. -0.015 min
Lab File: BN034164.D
Acq: 23 Sep 2024 13:42

Instrument :
BNA_N
ClientSampleId :
RE131D1-20240917DL



Tgt Ion:264 Resp: 8874
Ion Ratio Lower Upper
264 100
260 26.2 21.7 32.5
265 76.4 52.1 78.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

