

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092324\
 Data File : BN034162.D
 Acq On : 23 Sep 2024 12:30
 Operator : JU/RC
 Sample : P4116-13DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20240917DL

Quant Time: Sep 23 13:06:51 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	5245	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	14346	0.400	ng	#-0.02
13) Acenaphthene-d10	14.072	164	8894	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	18090	0.400	ng	0.00
29) Chrysene-d12	21.053	240	11026	0.400	ng	0.00
35) Perylene-d12	23.171	264	9134	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.061	112	789	0.053	ng	-0.01
5) Phenol-d6	6.622	99	916	0.053	ng	-0.01
8) Nitrobenzene-d5	8.578	82	660	0.060	ng	0.00
11) 2-Methylnaphthalene-d10	11.787	152	1453	0.069	ng	0.00
14) 2,4,6-Tribromophenol	15.592	330	197	0.049	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	2643m	0.073	ng	0.00
27) Fluoranthene-d10	18.876	212	3885	0.085	ng	-0.01
31) Terphenyl-d14	19.494	244	2475	0.112	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.068	88	7670	1.170	ng	Qvalue # 82

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

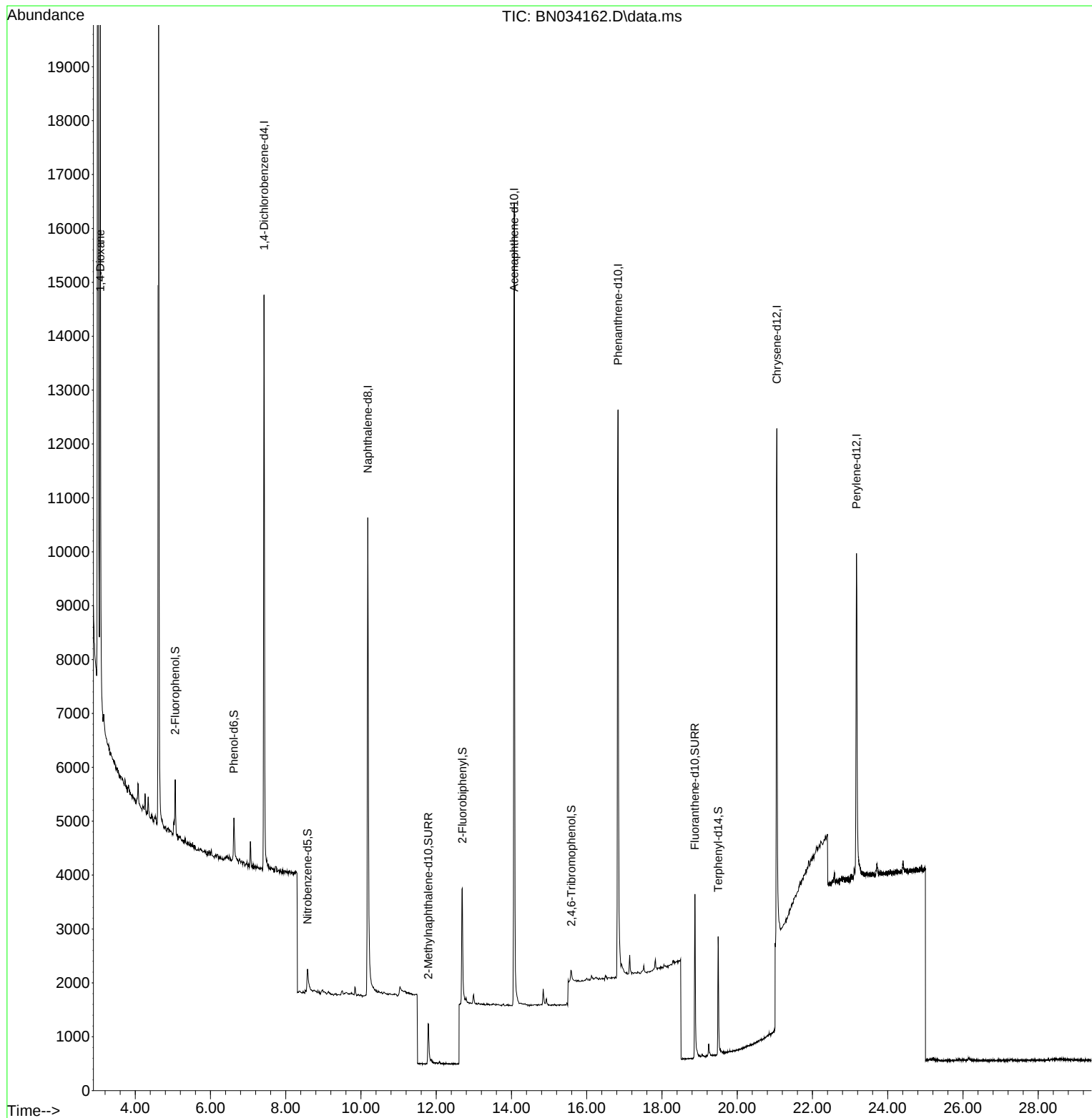
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092324\
Data File : BN034162.D
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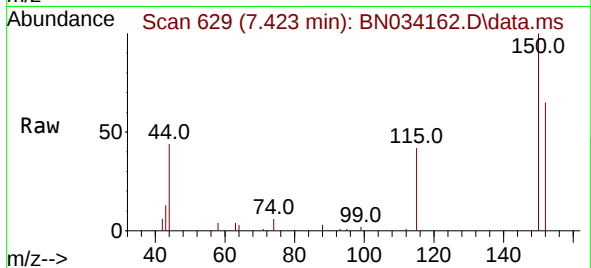
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.423 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034162.D
Acq: 23 Sep 2024 12:30

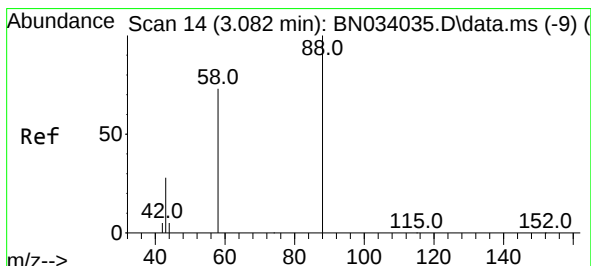
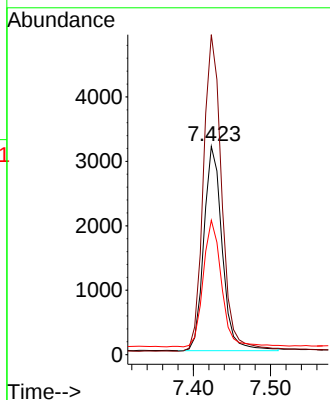
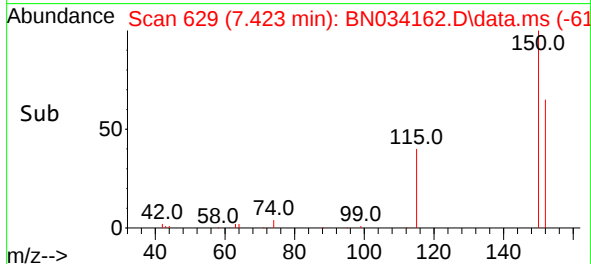
Instrument :
BNA_N
ClientSampleId :
RE125D1-20240917DL



Tgt Ion:152 Resp: 5249
Ion Ratio Lower Upper
152 100
150 153.6 124.6 187.0
115 64.5 50.0 75.0

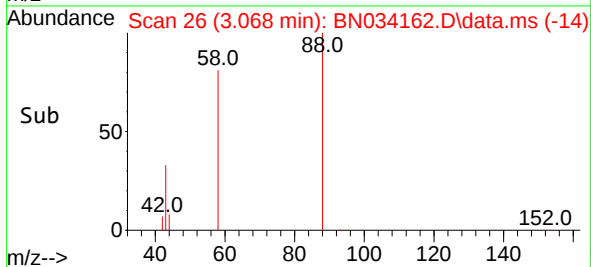
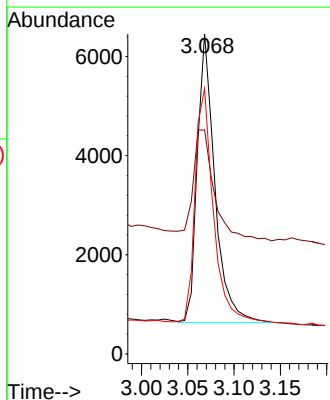
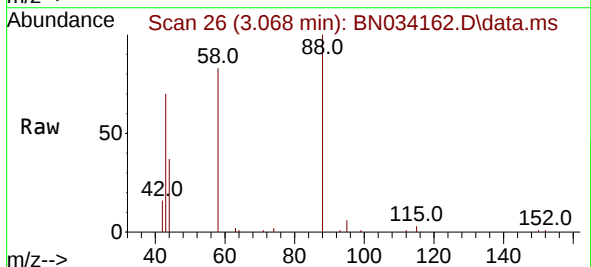
Manual Integrations
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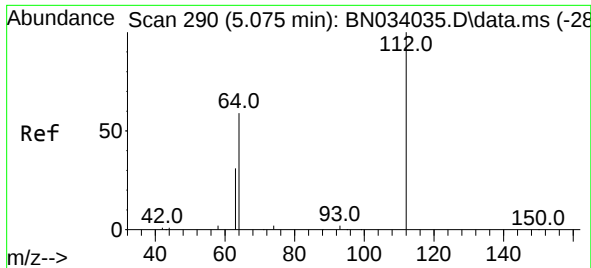
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#2
1,4-Dioxane
Concen: 1.170 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034162.D
Acq: 23 Sep 2024 12:30

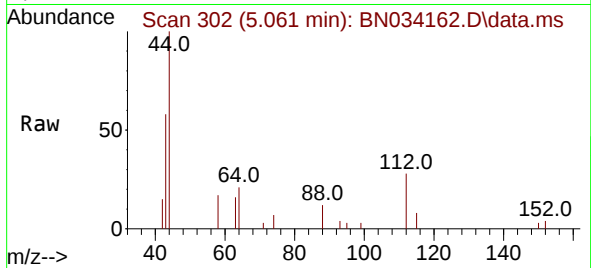
Tgt Ion: 88 Resp: 7670
Ion Ratio Lower Upper
88 100
43 46.8 25.8 38.8
58 85.5 58.8 88.2





#4
2-Fluorophenol
Concen: 0.053 ng
RT: 5.061 min Scan# 30
Delta R.T. -0.013 min
Lab File: BN034162.D
Acq: 23 Sep 2024 12:30

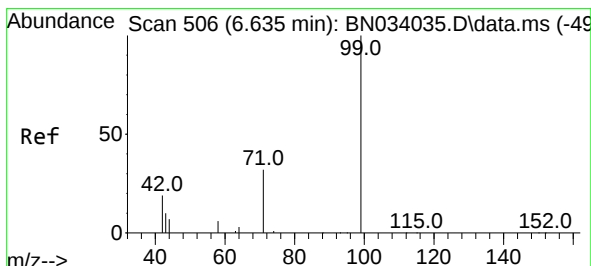
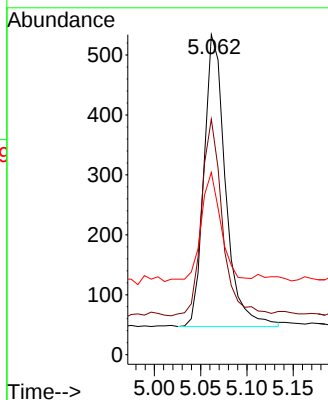
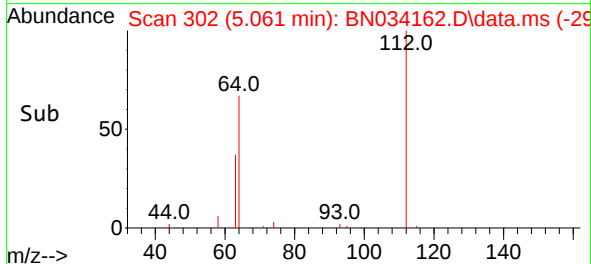
Instrument :
BNA_N
ClientSampleId :
RE125D1-20240917DL



Tgt Ion: 112 Resp: 789
Ion Ratio Lower Upper
112 100
64 65.1 48.6 72.8
63 33.6 25.6 38.4

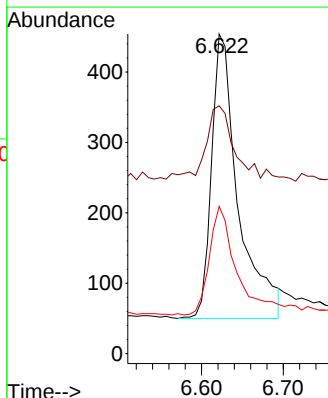
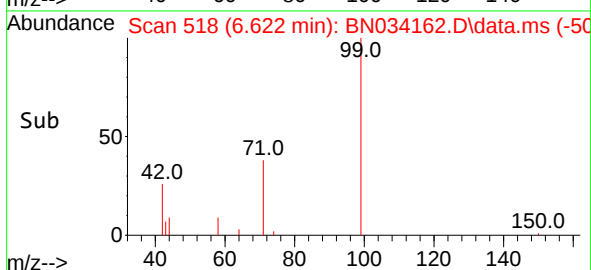
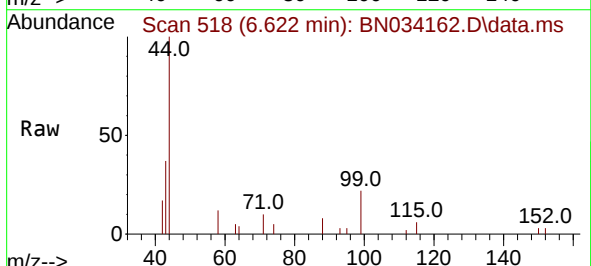
Manual Integrations
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Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#5
Phenol-d6
Concen: 0.053 ng
RT: 6.622 min Scan# 518
Delta R.T. -0.013 min
Lab File: BN034162.D
Acq: 23 Sep 2024 12:30

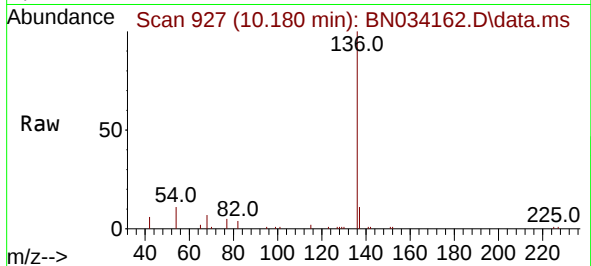
Tgt Ion: 99 Resp: 916
Ion Ratio Lower Upper
99 100
42 27.4 17.8 26.8#
71 38.6 26.2 39.2





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034162.D
Acq: 23 Sep 2024 12:30

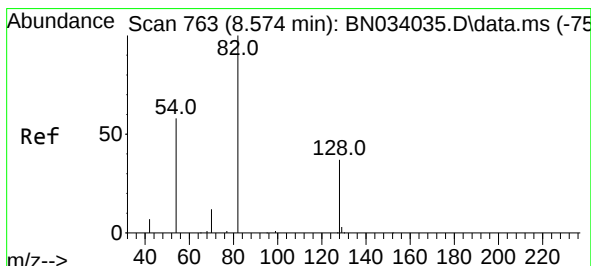
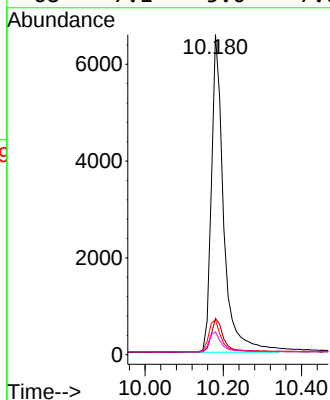
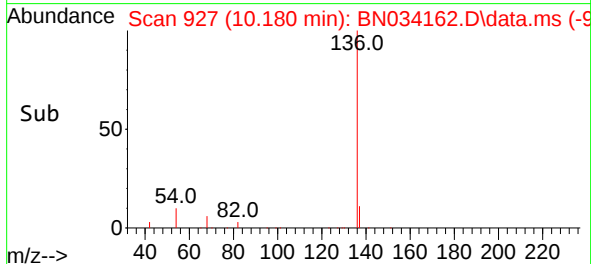
Instrument :
BNA_N
ClientSampleId :
RE125D1-20240917DL



Tgt Ion:136 Resp: 14340
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 10.9 6.8 10.2
68 7.1 5.0 7.6

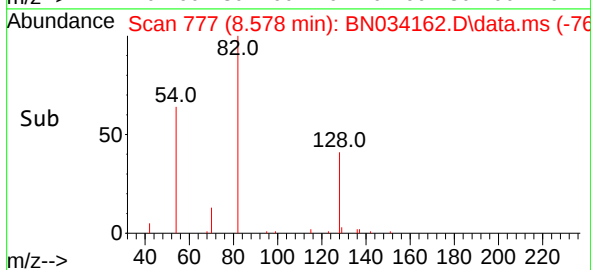
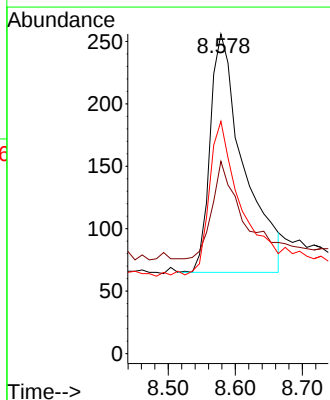
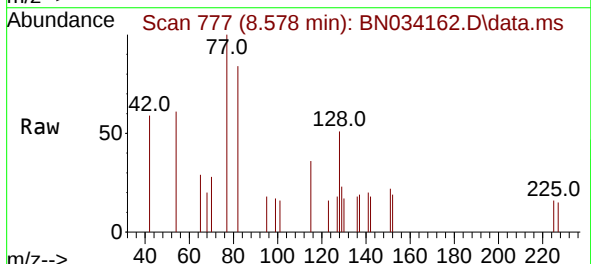
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#8
Nitrobenzene-d5
Concen: 0.060 ng
RT: 8.578 min Scan# 777
Delta R.T. 0.004 min
Lab File: BN034162.D
Acq: 23 Sep 2024 12:30

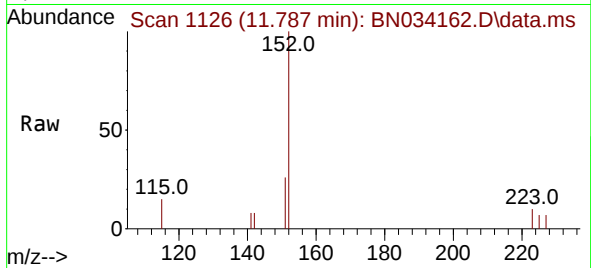
Tgt Ion: 82 Resp: 660
Ion Ratio Lower Upper
82 100
128 60.2 31.4 47.2#
54 72.7 47.4 71.0#





#11
2-Methylnaphthalene-d10
Concen: 0.069 ng
RT: 11.787 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BN034162.D
Acq: 23 Sep 2024 12:30

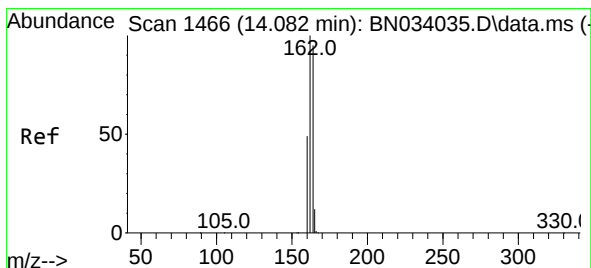
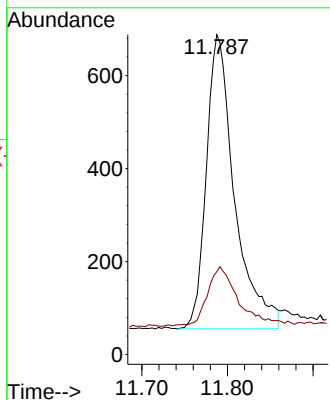
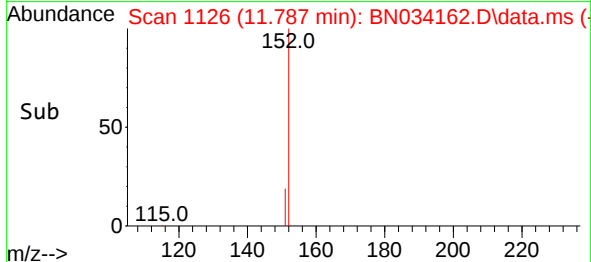
Instrument :
BNA_N
ClientSampleId :
RE125D1-20240917DL



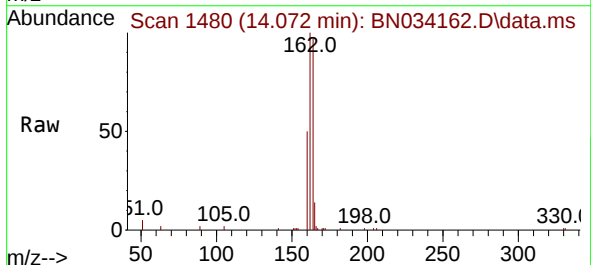
Tgt Ion:152 Resp: 145
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2

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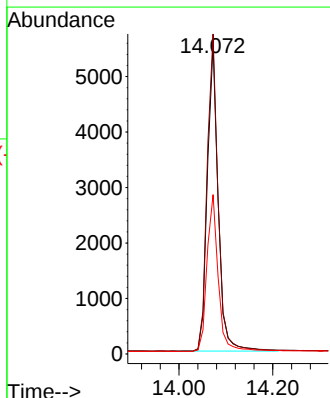
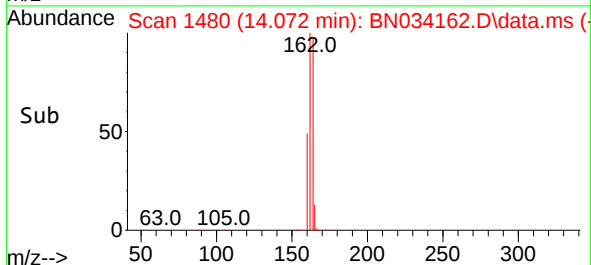
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

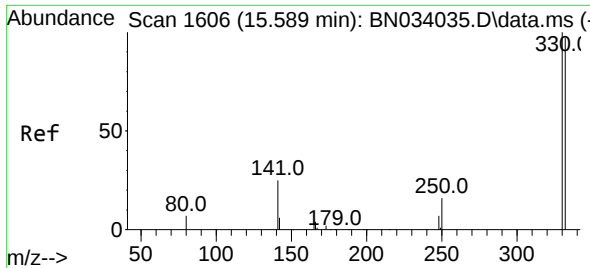


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.072 min Scan# 1480
Delta R.T. -0.009 min
Lab File: BN034162.D
Acq: 23 Sep 2024 12:30



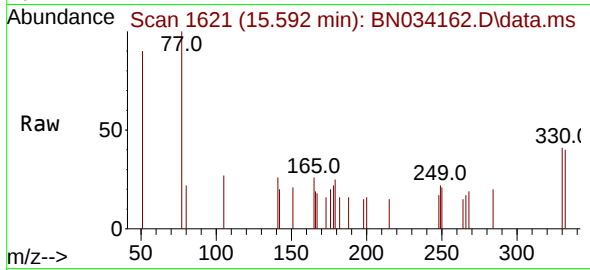
Tgt Ion:164 Resp: 8894
Ion Ratio Lower Upper
164 100
162 103.5 84.2 126.2
160 51.5 41.7 62.5





#14
2,4,6-Tribromophenol
Concen: 0.049 ng
RT: 15.592 min Scan# 1
Delta R.T. 0.003 min
Lab File: BN034162.D
Acq: 23 Sep 2024 12:30

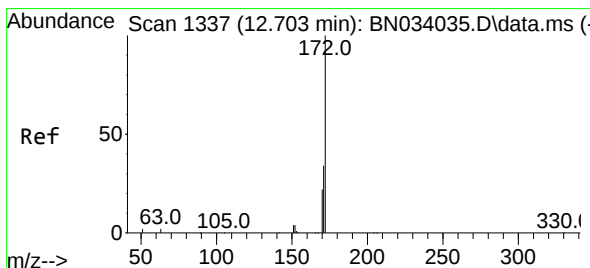
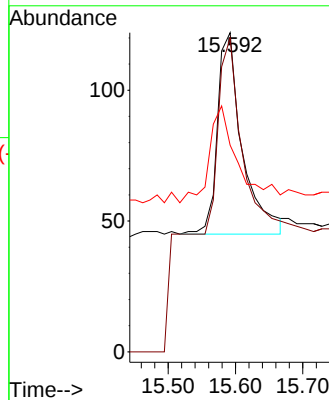
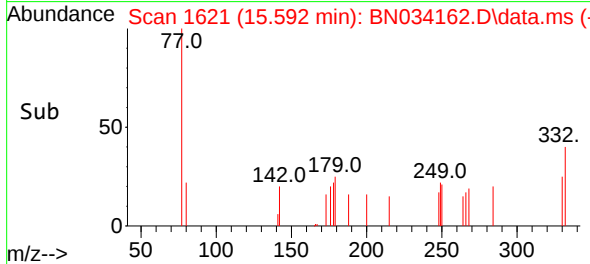
Instrument :
BNA_N
ClientSampleId :
RE125D1-20240917DL



Tgt Ion:330 Resp: 197
Ion Ratio Lower Upper
330 100
332 93.9 77.4 116.0
141 55.3 35.9 53.9

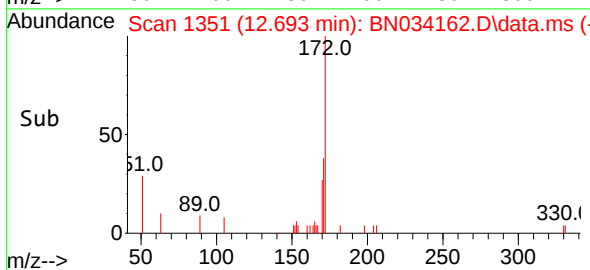
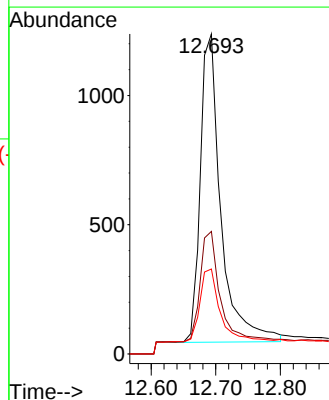
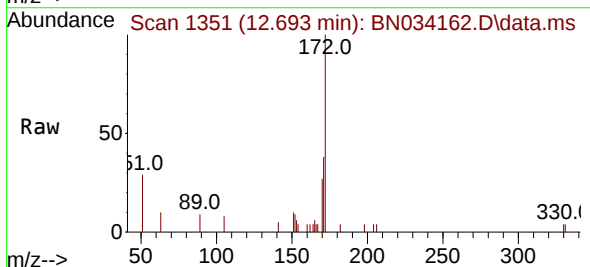
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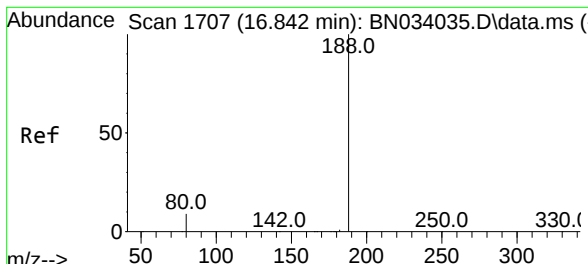
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#15
2-Fluorobiphenyl
Concen: 0.073 ng m
RT: 12.693 min Scan# 1351
Delta R.T. -0.009 min
Lab File: BN034162.D
Acq: 23 Sep 2024 12:30

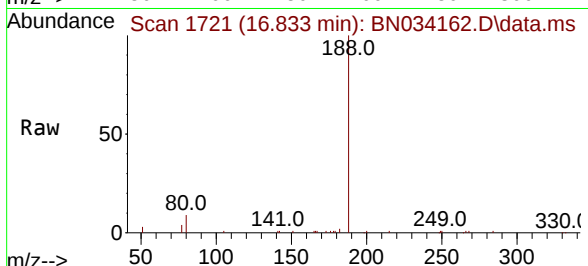
Tgt Ion:172 Resp: 2643
Ion Ratio Lower Upper
172 100
171 38.3 27.3 40.9
170 26.6 18.1 27.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN034162.D
Acq: 23 Sep 2024 12:30

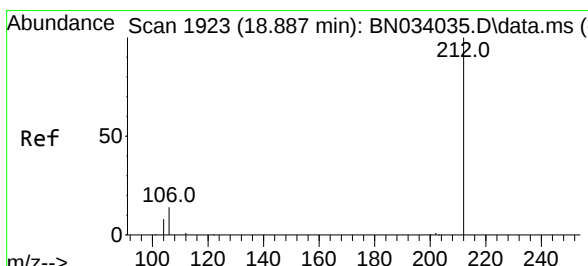
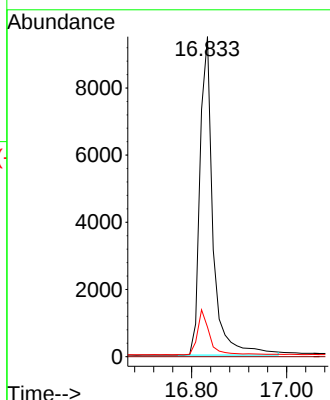
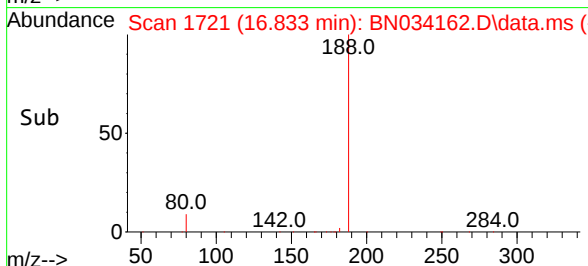
Instrument :
BNA_N
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RE125D1-20240917DL



Tgt Ion:188 Resp: 18090
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 7.4 11.0

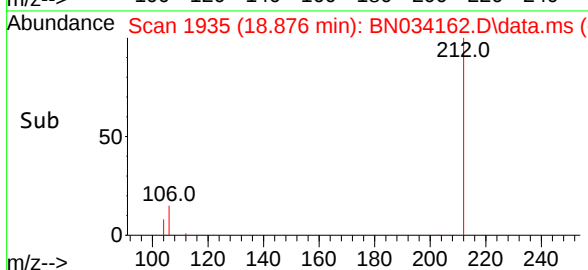
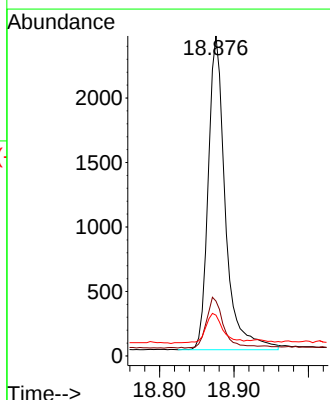
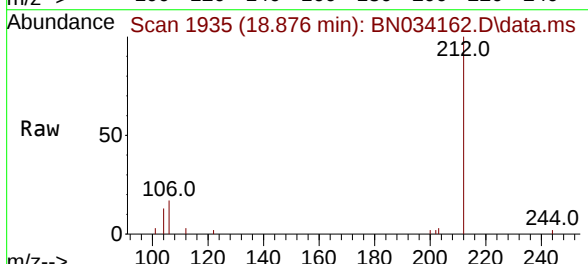
Manual Integrations
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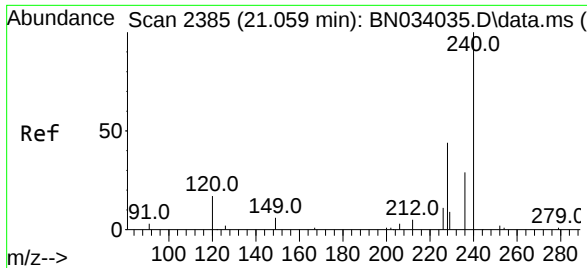
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#27
Fluoranthene-d10
Concen: 0.085 ng
RT: 18.876 min Scan# 1935
Delta R.T. -0.011 min
Lab File: BN034162.D
Acq: 23 Sep 2024 12:30

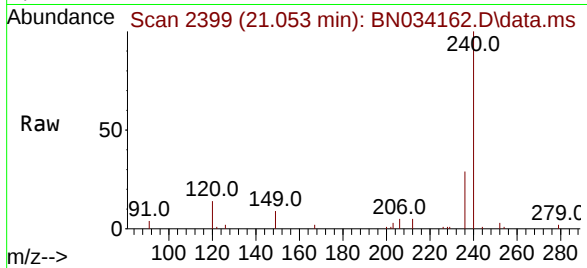
Tgt Ion:212 Resp: 3885
Ion Ratio Lower Upper
212 100
106 16.2 13.4 20.2
104 10.1 7.8 11.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.053 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BN034162.D
Acq: 23 Sep 2024 12:30

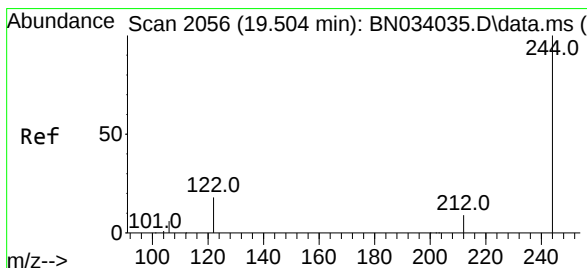
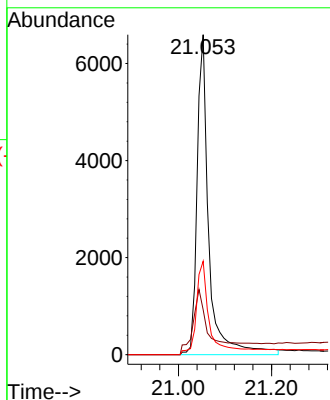
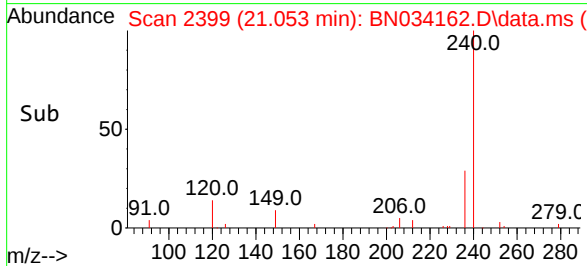
Instrument :
BNA_N
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RE125D1-20240917DL



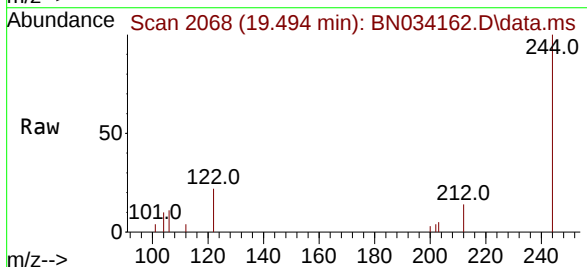
Tgt Ion:240 Resp: 11020
Ion Ratio Lower Upper
240 100
120 14.0 13.5 20.3
236 29.2 23.4 35.0

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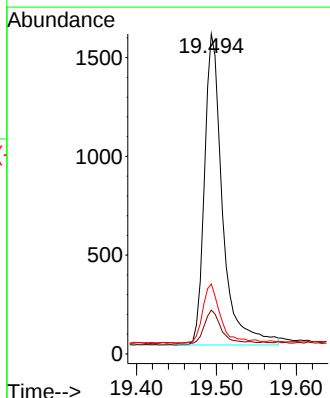
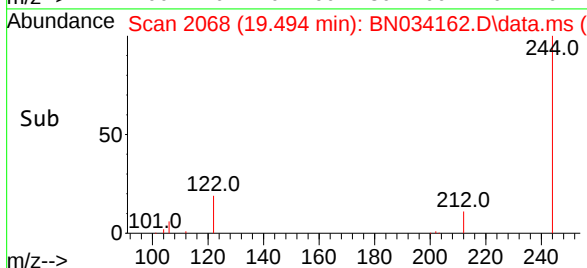
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

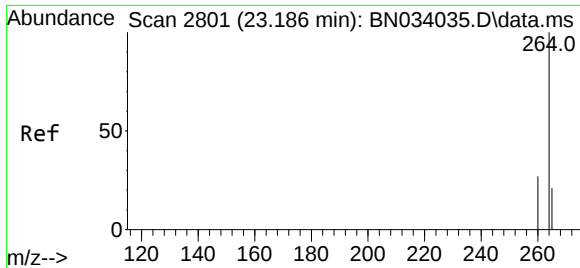


#31
Terphenyl-d14
Concen: 0.112 ng
RT: 19.494 min Scan# 2068
Delta R.T. -0.011 min
Lab File: BN034162.D
Acq: 23 Sep 2024 12:30



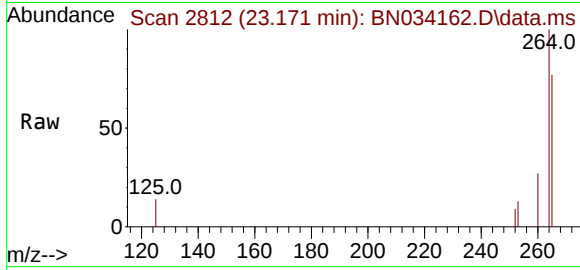
Tgt Ion:244 Resp: 2475
Ion Ratio Lower Upper
244 100
212 13.7 7.8 11.6#
122 21.9 14.8 22.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.171 min Scan# 2812
Delta R.T. -0.015 min
Lab File: BN034162.D
Acq: 23 Sep 2024 12:30

Instrument :
BNA_N
ClientSampleId :
RE125D1-20240917DL



Tgt Ion:264 Resp: 9134

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.7	32.5
265	77.0	52.1	78.1

Manual Integrations
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