

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062123\
 Data File : BN025914.D
 Acq On : 21 Jun 2023 12:11
 Operator : MA/JU
 Sample : PB153652BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB153652BL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/22/2023
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 21 12:49:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 12:47:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	5749	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	12321	0.400	ng	# 0.02
13) Acenaphthene-d10	14.640	164	6888	0.400	ng	0.01
19) Phenanthrene-d10	17.406	188	11253	0.400	ng	0.02
29) Chrysene-d12	21.578	240	9097	0.400	ng	# 0.02
35) Perylene-d12	24.045	264	10535	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.571	112	1868	0.116	ng	0.02
5) Phenol-d6	7.232	99	1514m	0.076	ng	0.07
8) Nitrobenzene-d5	9.276	82	1627m	0.142	ng	0.11
11) 2-Methylnaphthalene-d10	12.457	152	2770	0.156	ng	0.06
14) 2,4,6-Tribromophenol	16.177	330	244m	0.115	ng	0.04
15) 2-Fluorobiphenyl	13.304	172	4588m	0.158	ng	0.04
27) Fluoranthene-d10	19.421	212	9146	0.395	ng	0.01
31) Terphenyl-d14	20.001	244	9760	0.442	ng	0.00

Target Compounds Qvalue

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

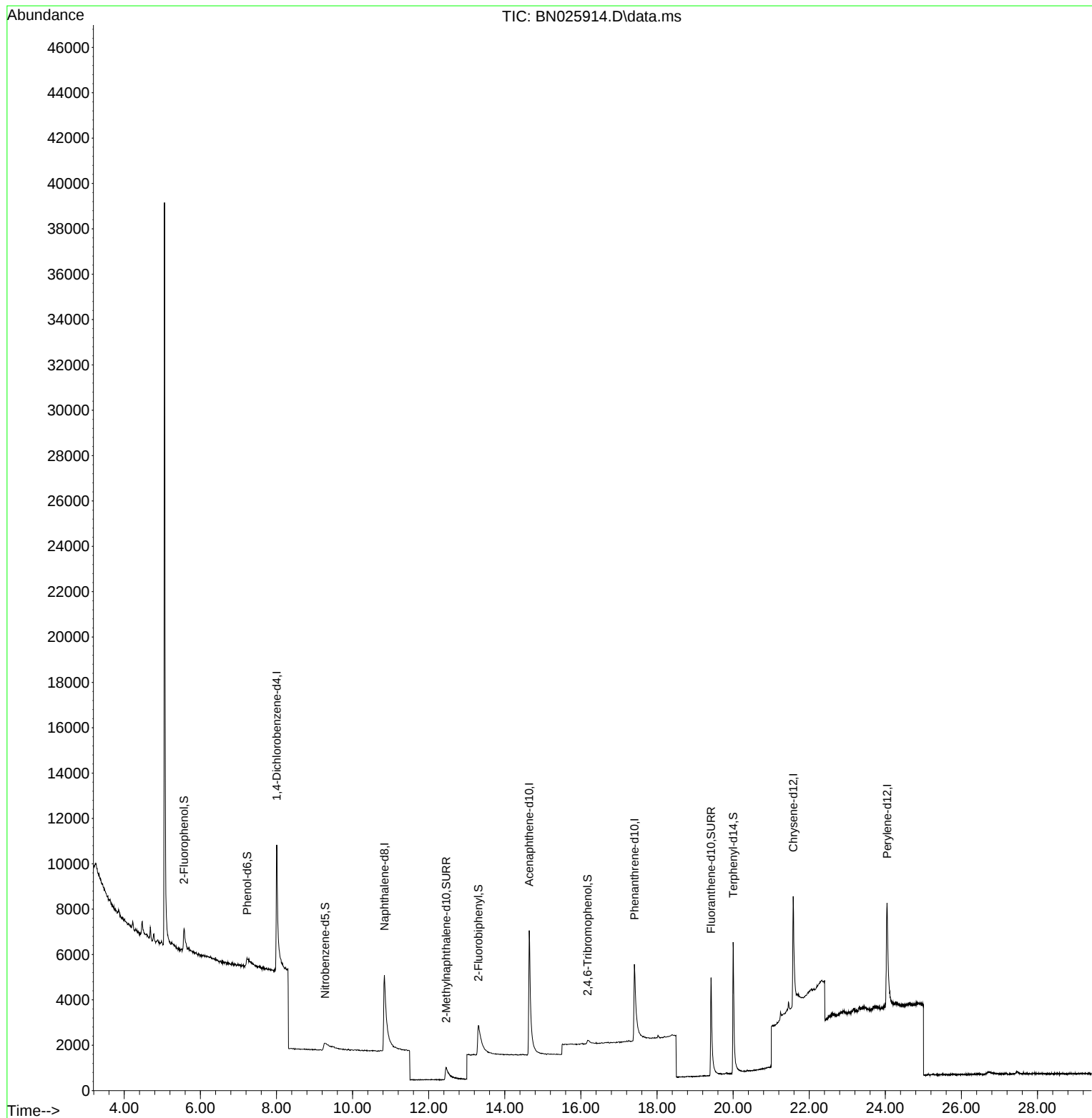
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062123\
Data File : BN025914.D
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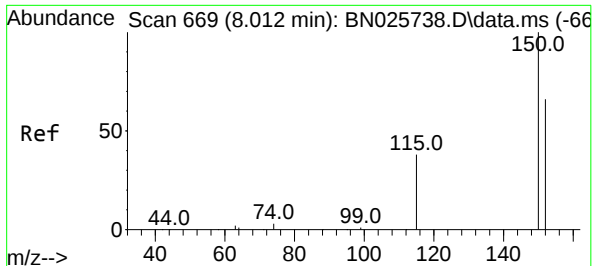
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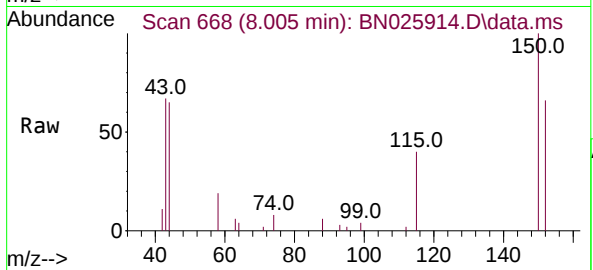
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.005 min Scan# 60
Delta R.T. 0.007 min
Lab File: BN025914.D
Acq: 21 Jun 2023 12:11

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BNA_N

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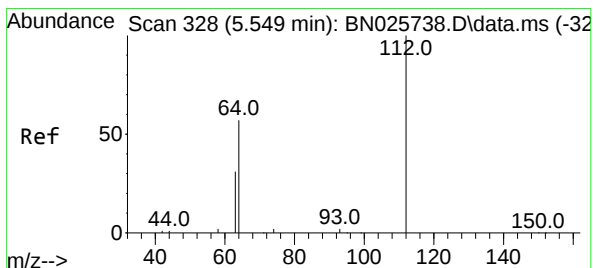
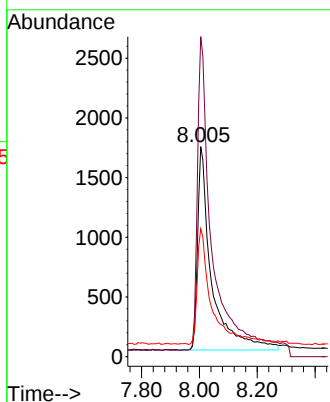
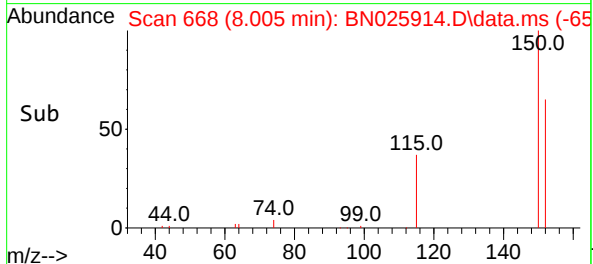


Tgt Ion:152 Resp: 5749
Ion Ratio Lower Upper
152 100
150 152.3 121.5 182.3
115 60.9 47.7 71.5

Manual Integrations

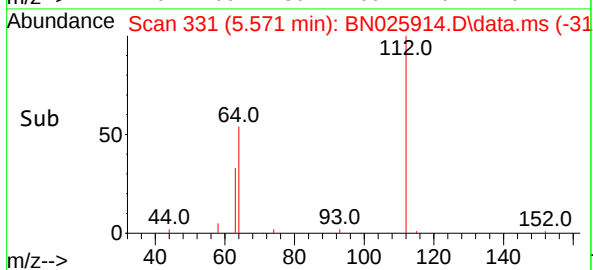
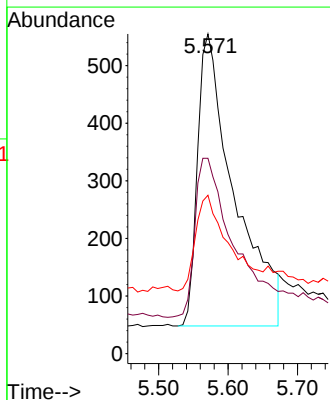
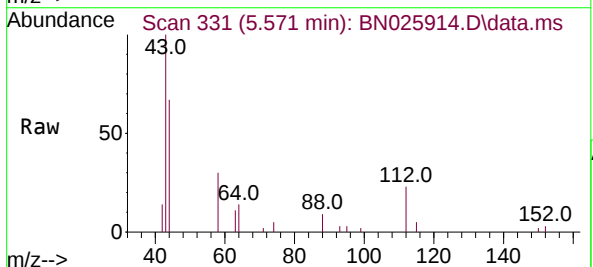
APPROVED

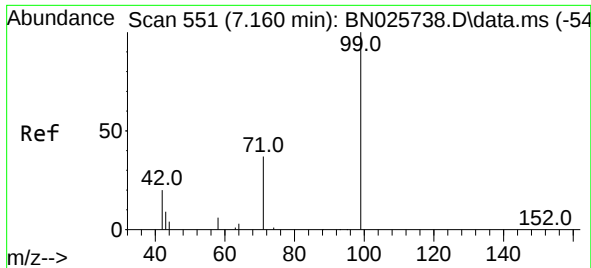
Reviewed By :Yogesh Patel 06/22/2023
Supervised By :mohammad ahmed 06/23/2023



#4
2-Fluorophenol
Concen: 0.116 ng
RT: 5.571 min Scan# 331
Delta R.T. 0.021 min
Lab File: BN025914.D
Acq: 21 Jun 2023 12:11

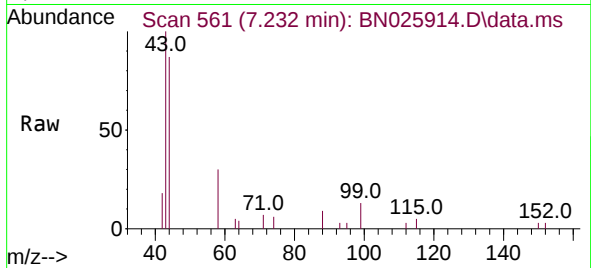
Tgt Ion:112 Resp: 1868
Ion Ratio Lower Upper
112 100
64 58.1 47.5 71.3
63 30.2 26.2 39.4





#5
Phenol-d6
Concen: 0.076 ng m
RT: 7.232 min Scan# 50
Delta R.T. 0.072 min
Lab File: BN025914.D
Acq: 21 Jun 2023 12:11

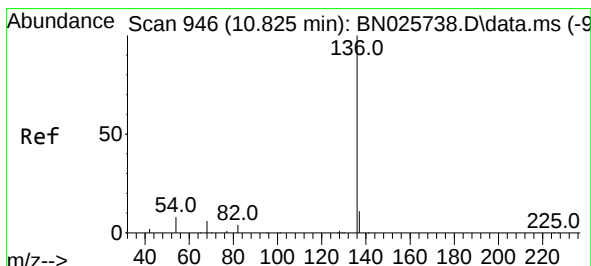
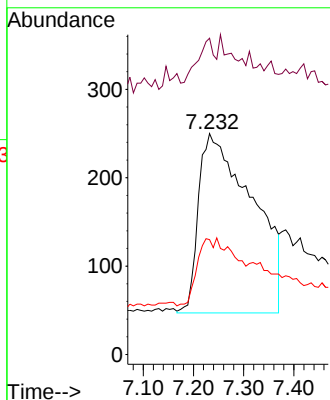
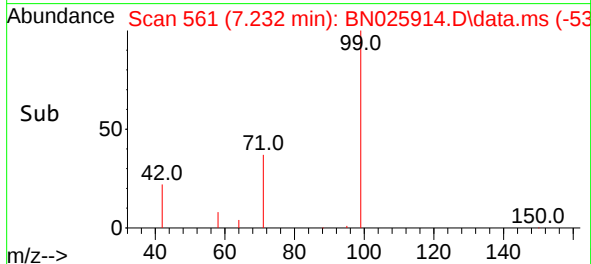
Instrument :
BNA_N
ClientSampleId :
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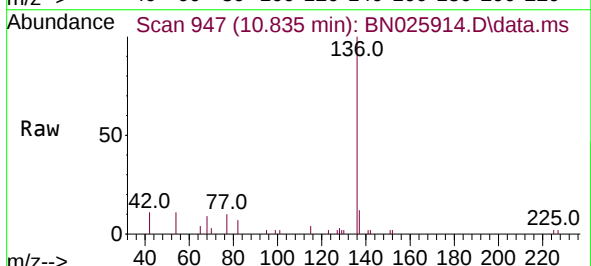
Tgt Ion: 99 Resp: 1514
Ion Ratio Lower Upper
99 100
42 7.7 18.6 28.0#
71 0.0 30.5 45.7#

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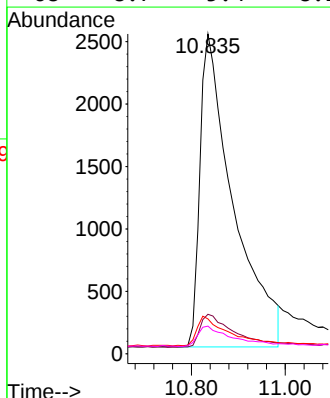
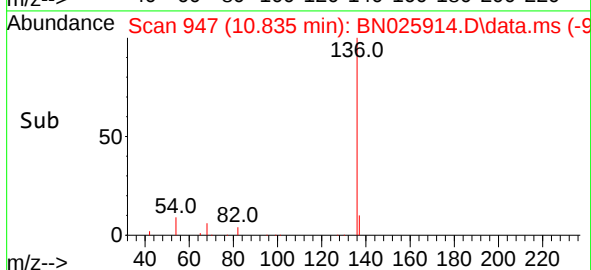
Reviewed By :Yogesh Patel 06/22/2023
Supervised By :mohammad ahmed 06/23/2023

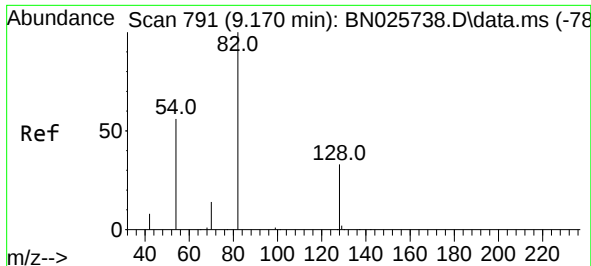


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 947
Delta R.T. 0.021 min
Lab File: BN025914.D
Acq: 21 Jun 2023 12:11



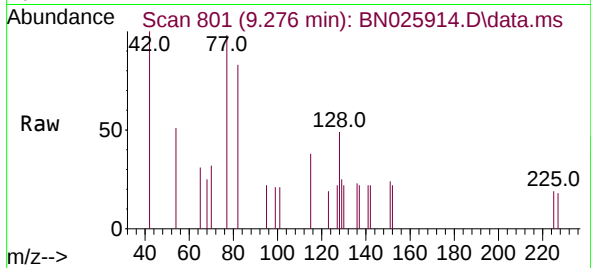
Tgt Ion:136 Resp: 12321
Ion Ratio Lower Upper
136 100
137 12.4 9.3 13.9
54 10.9 7.2 10.8#
68 8.7 5.4 8.2#





#8
Nitrobenzene-d5
Concen: 0.142 ng m
RT: 9.276 min Scan# 801
Delta R.T. 0.107 min
Lab File: BN025914.D
Acq: 21 Jun 2023 12:11

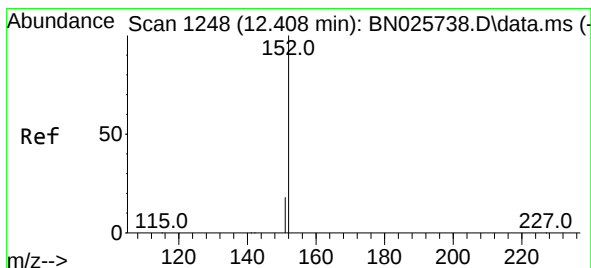
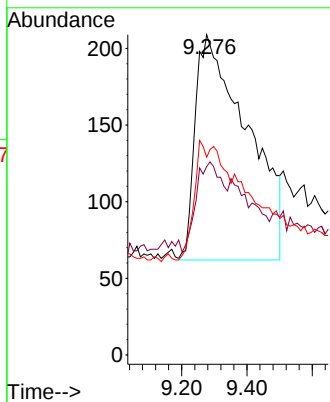
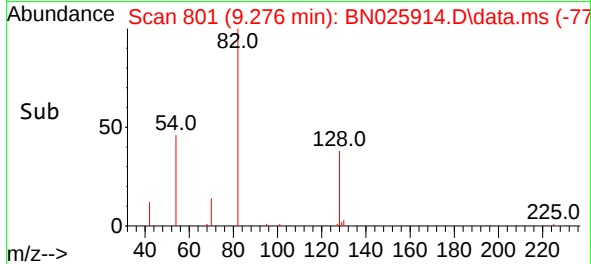
Instrument :
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ClientSampleId :
PB153652BL



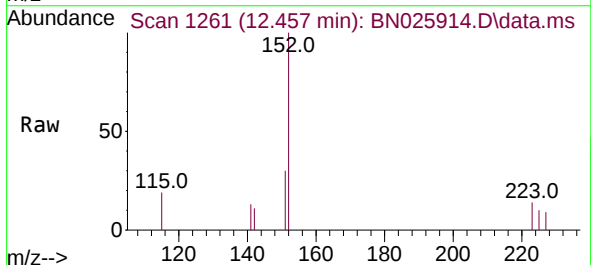
Tgt Ion: 82 Resp: 162
Ion Ratio Lower Upper
82 100
128 58.9 27.6 41.4#
54 61.7 45.7 68.5

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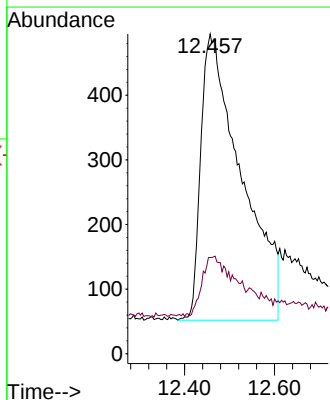
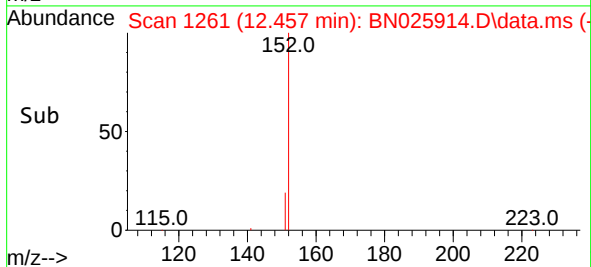
Reviewed By :Yogesh Patel 06/22/2023
Supervised By :mohammad ahmed 06/23/2023

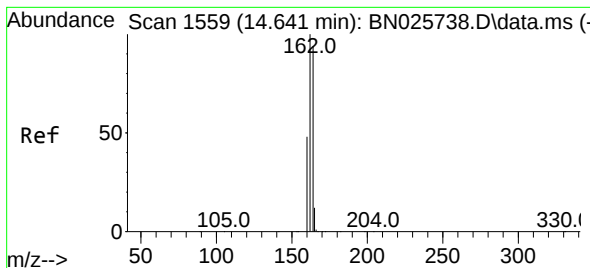


#11
2-Methylnaphthalene-d10
Concen: 0.156 ng
RT: 12.457 min Scan# 1261
Delta R.T. 0.056 min
Lab File: BN025914.D
Acq: 21 Jun 2023 12:11



Tgt Ion:152 Resp: 2770
Ion Ratio Lower Upper
152 100
151 16.2 16.4 24.6#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.640 min Scan# 1559

Delta R.T. 0.010 min

Lab File: BN025914.D

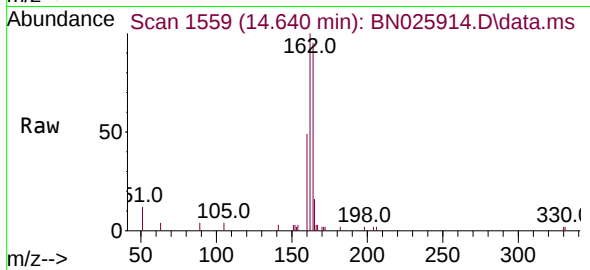
Acq: 21 Jun 2023 12:11

Instrument :

BNA_N

ClientSampleId :

PB153652BL



Tgt Ion:164 Resp: 688

Ion Ratio Lower Upper

164 100

162 105.0 85.0 127.6

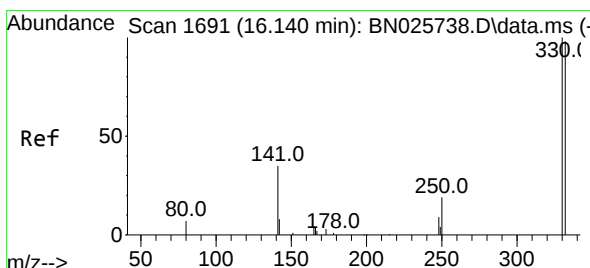
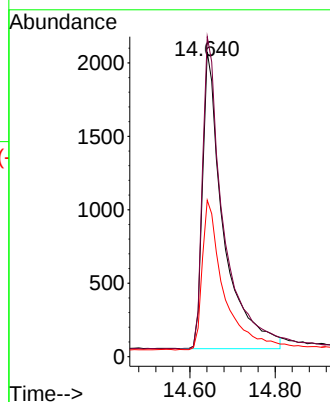
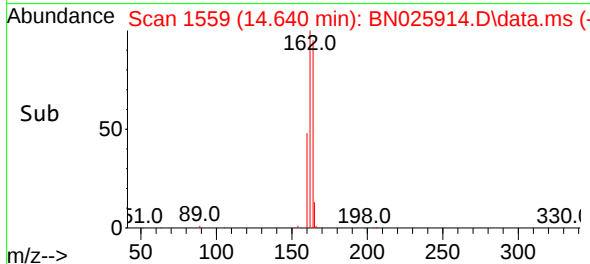
160 51.3 41.1 61.7

Manual Integrations

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#14

2,4,6-Tribromophenol

Concen: 0.115 ng m

RT: 16.177 min Scan# 1694

Delta R.T. 0.037 min

Lab File: BN025914.D

Acq: 21 Jun 2023 12:11

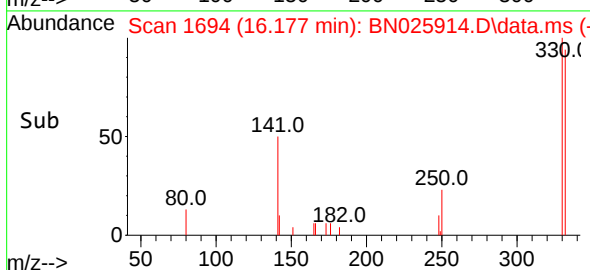
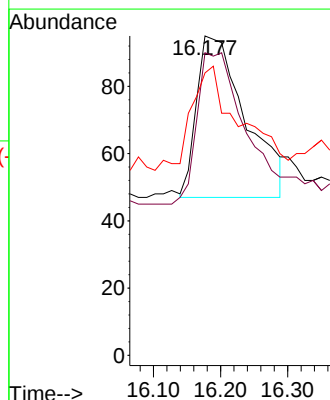
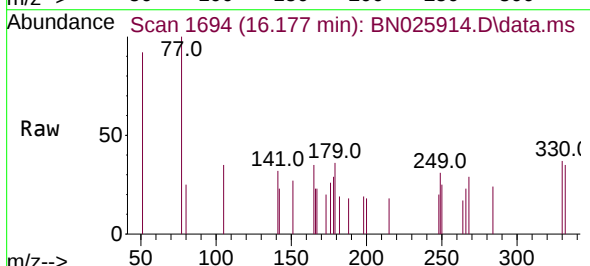
Tgt Ion:330 Resp: 244

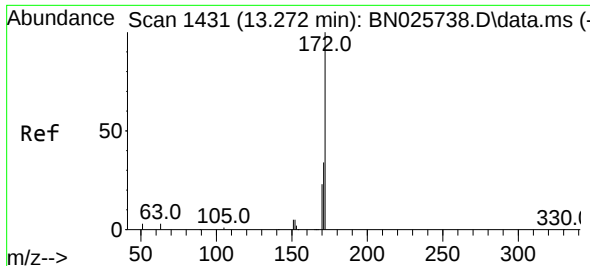
Ion Ratio Lower Upper

330 100

332 82.0 77.3 115.9

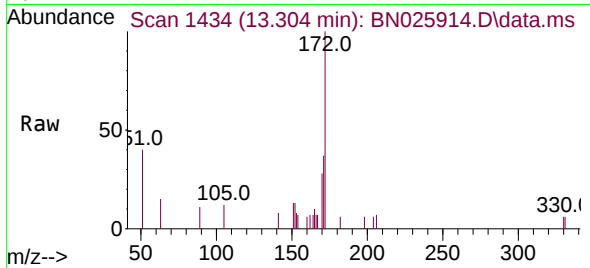
141 54.9 55.0 82.6#





#15
2-Fluorobiphenyl
Concen: 0.158 ng m
RT: 13.304 min Scan# 1431
Delta R.T. 0.043 min
Lab File: BN025914.D
Acq: 21 Jun 2023 12:11

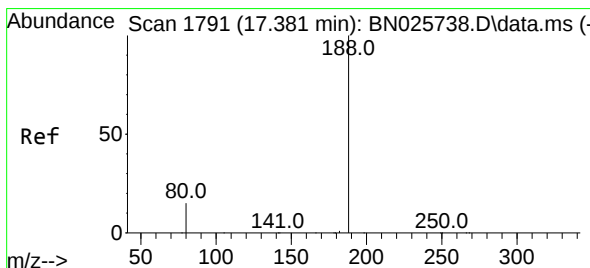
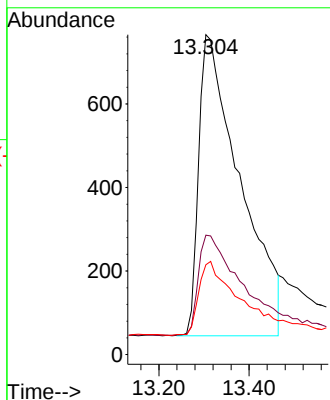
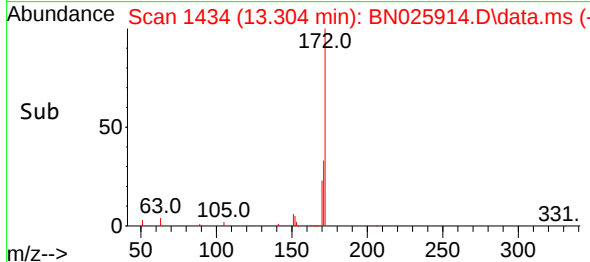
Instrument :
BNA_N
ClientSampleId :
PB153652BL



Tgt Ion:172 Resp: 4588
Ion Ratio Lower Upper
172 100
171 37.3 27.3 40.9
170 28.1 18.6 28.0

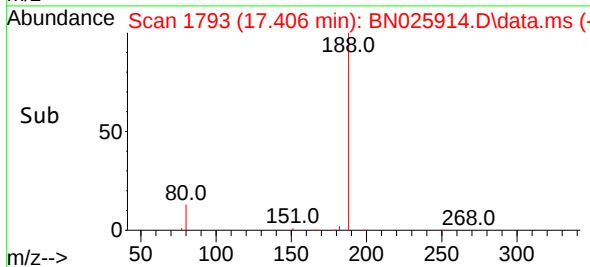
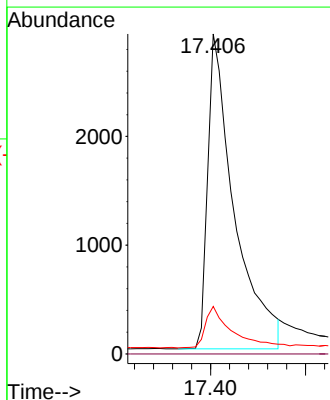
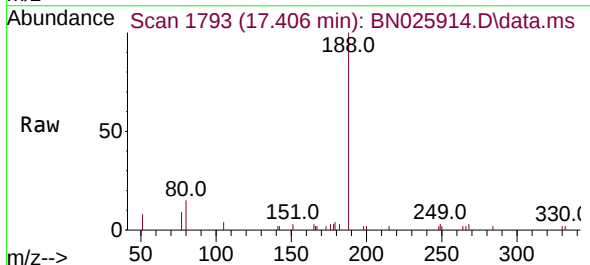
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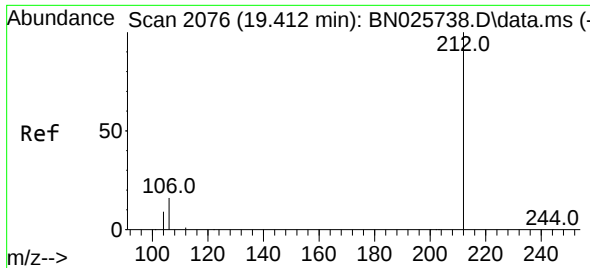
Reviewed By :Yogesh Patel 06/22/2023
Supervised By :mohammad ahmed 06/23/2023



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.406 min Scan# 1793
Delta R.T. 0.025 min
Lab File: BN025914.D
Acq: 21 Jun 2023 12:11

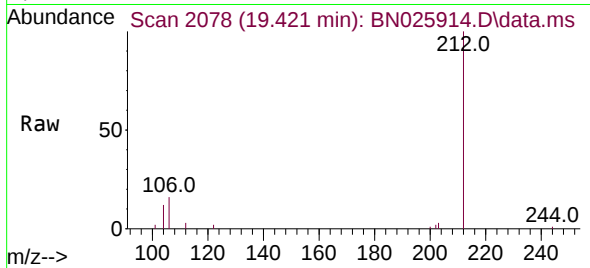
Tgt Ion:188 Resp: 11253
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.8 12.1 18.1





#27
Fluoranthene-d10
Concen: 0.395 ng
RT: 19.421 min Scan# 2076
Delta R.T. 0.014 min
Lab File: BN025914.D
Acq: 21 Jun 2023 12:11

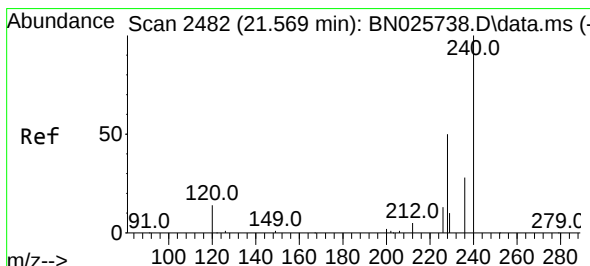
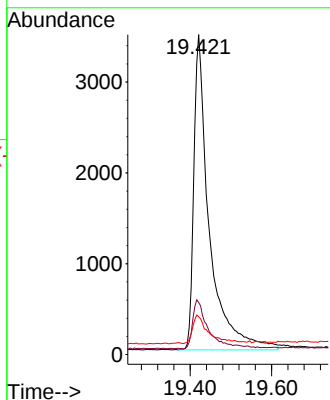
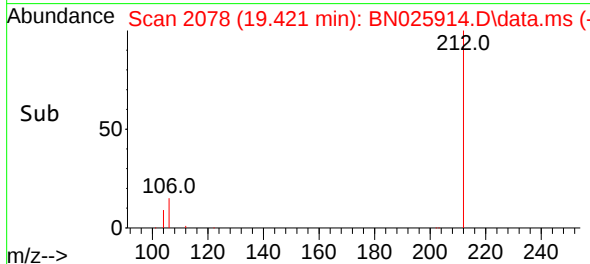
Instrument :
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Tgt Ion:212 Resp: 9146
Ion Ratio Lower Upper
212 100
106 15.7 13.0 19.6
104 9.5 7.7 11.5

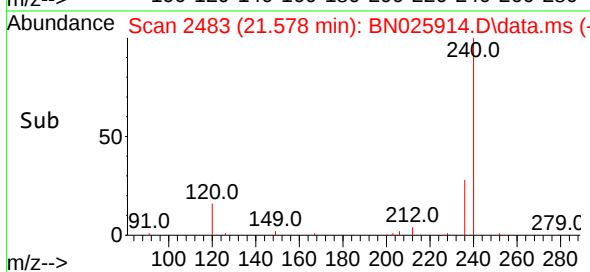
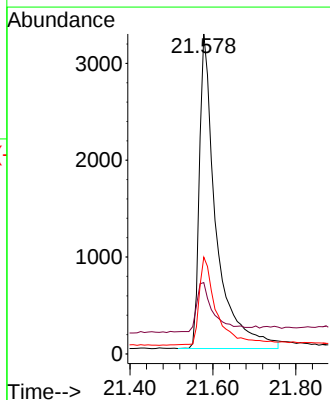
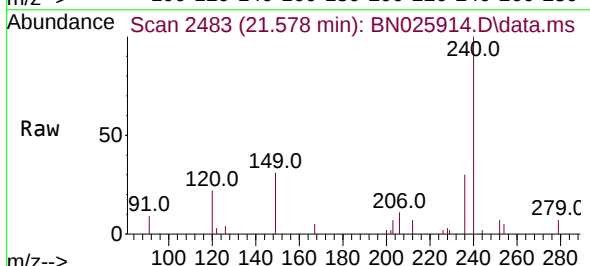
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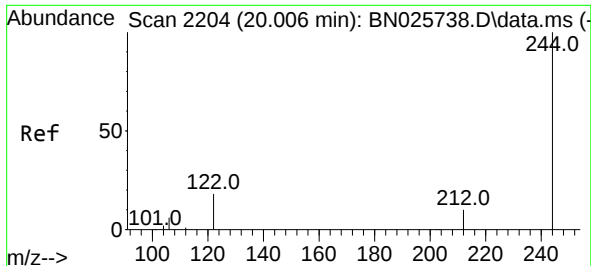
Reviewed By :Yogesh Patel 06/22/2023
Supervised By :mohammad ahmed 06/23/2023



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2483
Delta R.T. 0.018 min
Lab File: BN025914.D
Acq: 21 Jun 2023 12:11

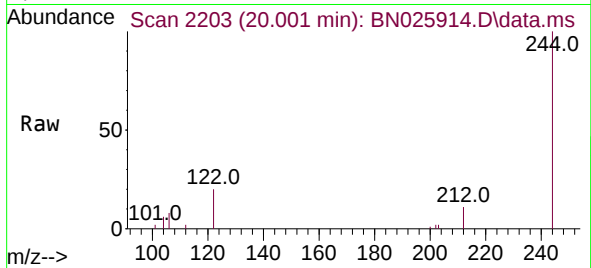
Tgt Ion:240 Resp: 9097
Ion Ratio Lower Upper
240 100
120 22.3 13.2 19.8#
236 30.2 23.1 34.7





#31
 Terphenyl-d14
 Concen: 0.442 ng
 RT: 20.001 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BN025914.D
 Acq: 21 Jun 2023 12:11

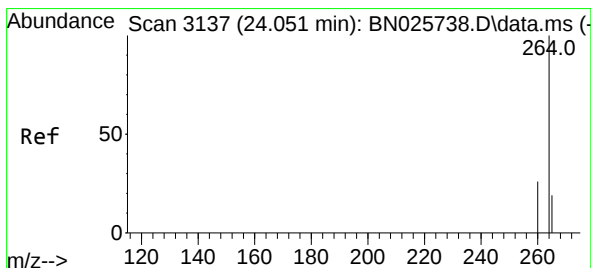
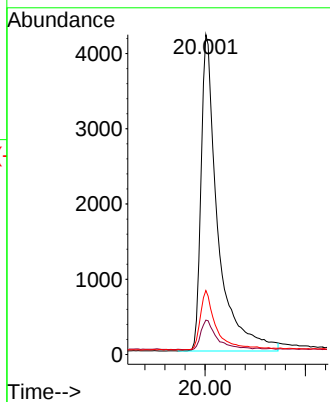
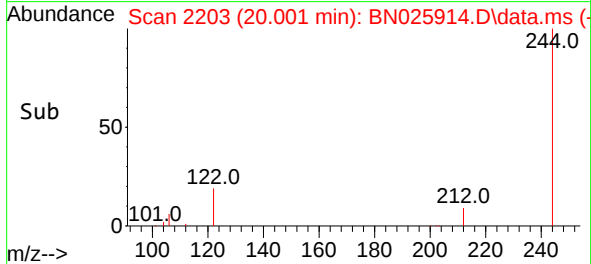
Instrument :
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Tgt Ion:244 Resp: 9760
 Ion Ratio Lower Upper
 244 100
 212 10.8 8.6 12.8
 122 20.0 15.2 22.8

Manual Integrations
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 Supervised By :mohammad ahmed 06/23/2023



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.045 min Scan# 3135
 Delta R.T. -0.000 min
 Lab File: BN025914.D
 Acq: 21 Jun 2023 12:11

Tgt Ion:264 Resp: 10535
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.4 32.2
 265 80.1 44.7 67.1#

