

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080324\
 Data File : BN033213.D
 Acq On : 02 Aug 2024 22:12
 Operator : MA/JU
 Sample : PB162424BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB162424BL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/05/2024
 Supervised By :mohammad ahmed 08/07/2024

Quant Time: Aug 03 01:10:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 02 22:49:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.604	152	1883m	0.400	ng	0.10
7) Naphthalene-d8	10.436	136	6150m	0.400	ng	0.15
13) Acenaphthene-d10	14.197	164	3521m	0.400	ng	0.06
19) Phenanthrene-d10	16.989	188	6022m	0.400	ng	0.07
29) Chrysene-d12	21.158	240	5074	0.400	ng	0.02
35) Perylene-d12	23.330	264	6136	0.400	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.271	112	1680m	0.353	ng	0.03
5) Phenol-d6	7.199	99	2561m	0.433	ng	0.32
8) Nitrobenzene-d5	9.134	82	1766m	0.381	ng	0.32
11) 2-Methylnaphthalene-d10	12.045	152	2943m	0.313	ng	0.14
14) 2,4,6-Tribromophenol	15.798	330	289m	0.192	ng	0.08
15) 2-Fluorobiphenyl	12.893	172	4416m	0.337	ng	0.10
27) Fluoranthene-d10	18.990	212	5036	0.323	ng	0.03
31) Terphenyl-d14	19.575	244	3828	0.368	ng	0.01

Target Compounds Qvalue

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

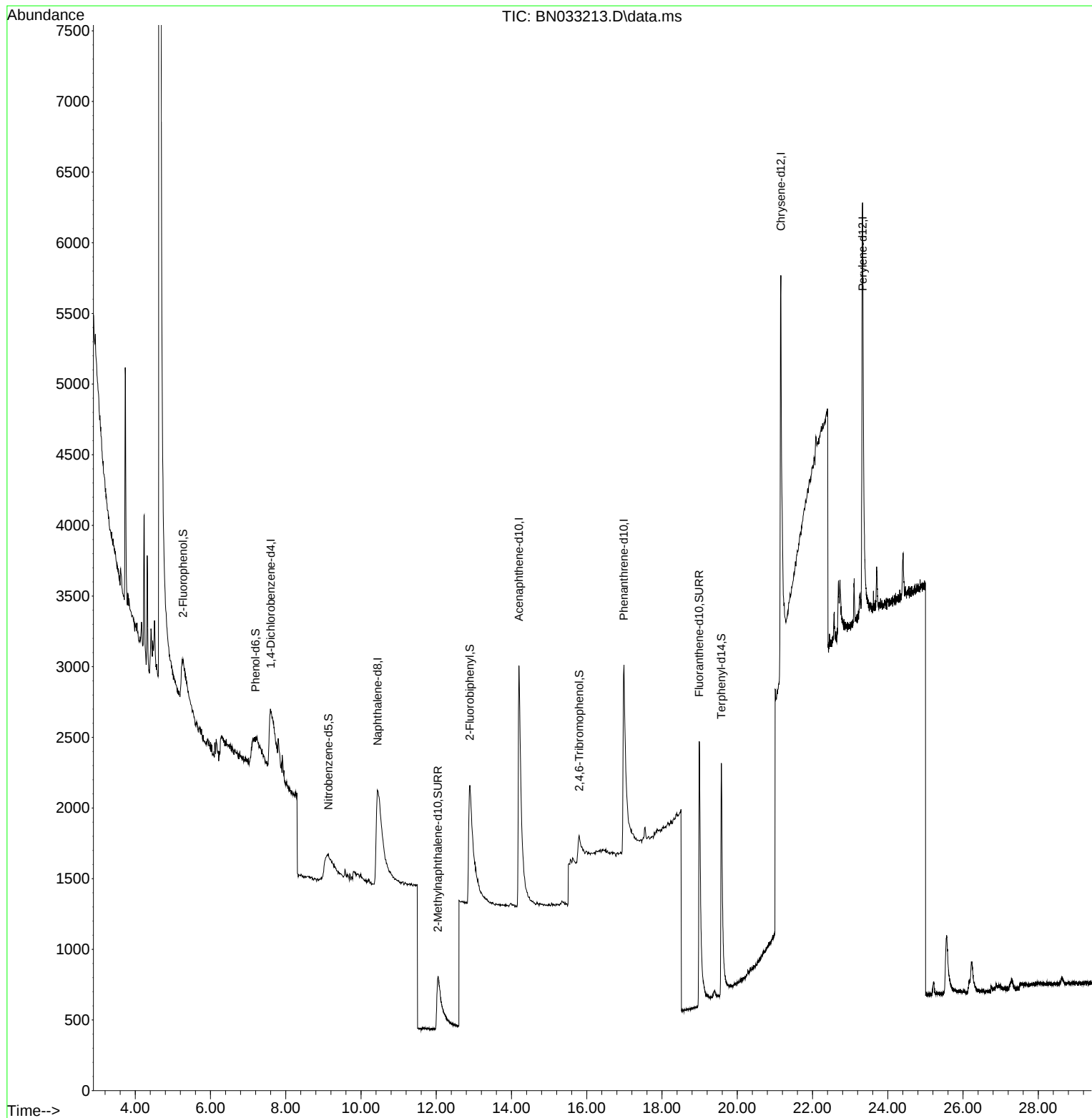
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080324\
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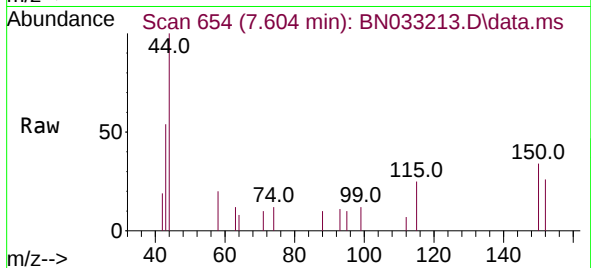
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/07/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng m
RT: 7.604 min Scan# 61
Delta R.T. 0.101 min
Lab File: BN033213.D
Acq: 02 Aug 2024 22:12

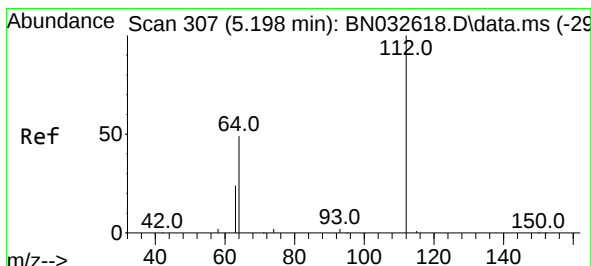
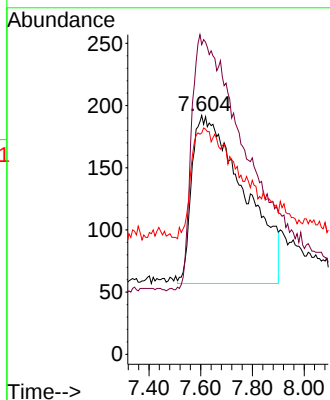
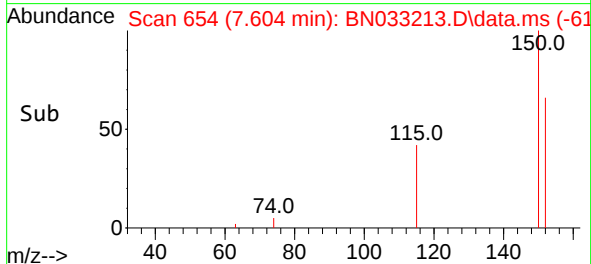
Instrument :
BNA_N
ClientSampleId :
PB162424BL



Tgt Ion:152 Resp: 188
Ion Ratio Lower Upper
152 100
150 129.7 123.8 185.6
115 92.7 52.8 79.2

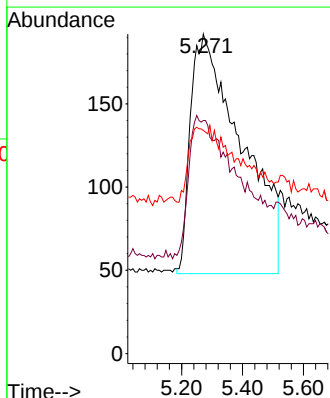
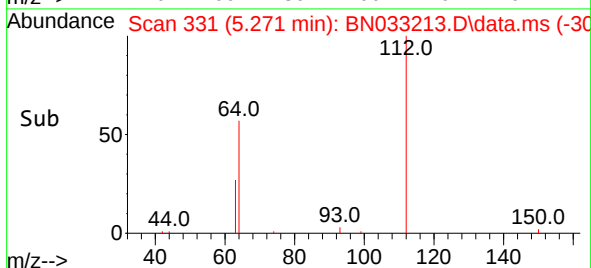
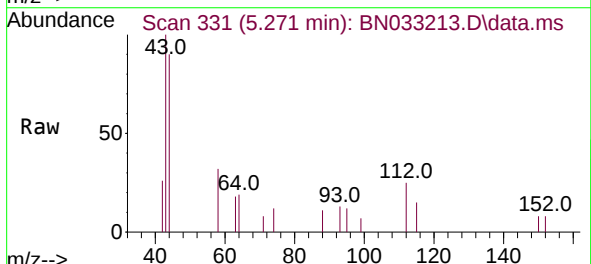
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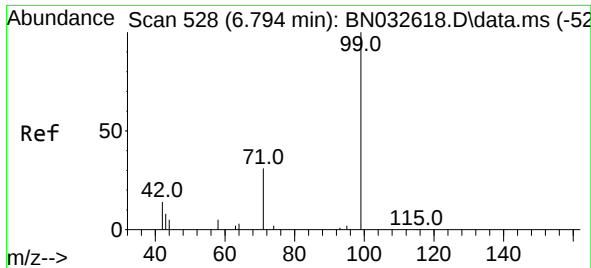
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/07/2024



#4
2-Fluorophenol
Concen: 0.353 ng m
RT: 5.271 min Scan# 331
Delta R.T. 0.029 min
Lab File: BN033213.D
Acq: 02 Aug 2024 22:12

Tgt Ion:112 Resp: 1680
Ion Ratio Lower Upper
112 100
64 0.0 40.2 60.4#
63 0.0 22.2 33.4#





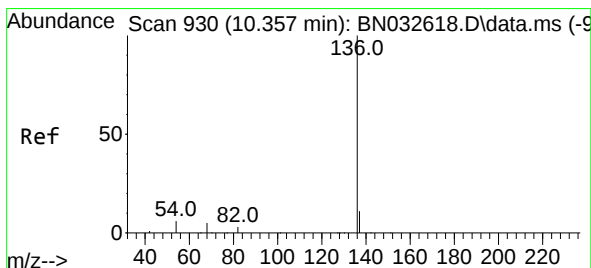
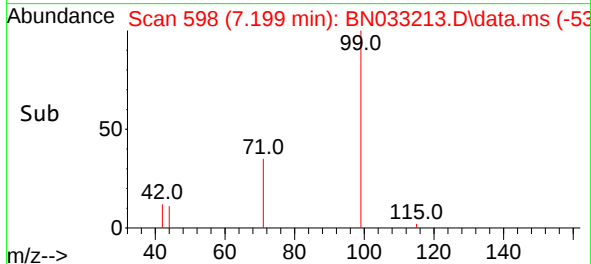
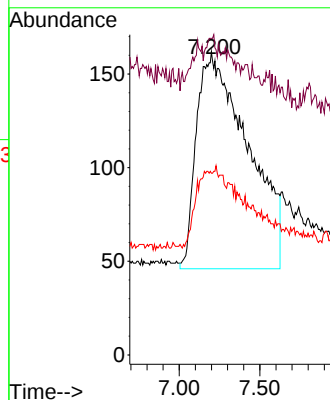
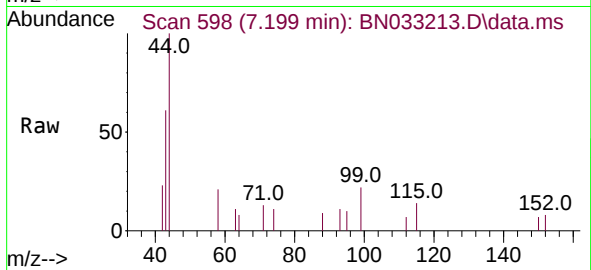
#5
Phenol-d6
Concen: 0.433 ng m
RT: 7.199 min Scan# 528
Delta R.T. 0.318 min
Lab File: BN033213.D
Acq: 02 Aug 2024 22:12

Instrument :
BNA_N
ClientSampleId :
PB162424BL

Tgt Ion: 99 Resp: 256
Ion Ratio Lower Upper
99 100
42 0.0 10.5 15.7
71 10.9 22.3 33.5

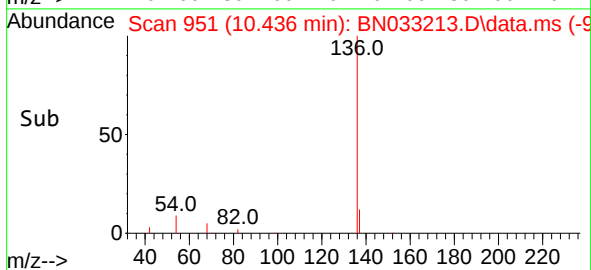
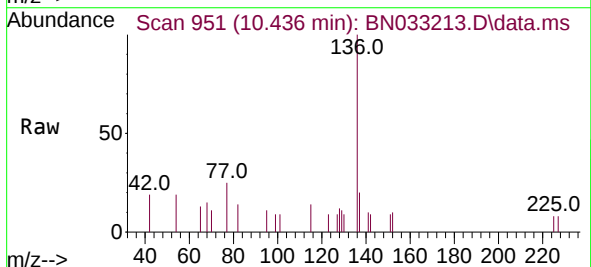
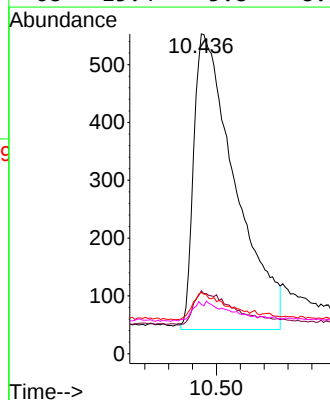
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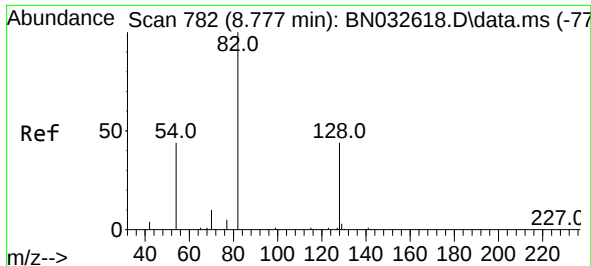
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/07/2024



#7
Naphthalene-d8
Concen: 0.400 ng m
RT: 10.436 min Scan# 951
Delta R.T. 0.150 min
Lab File: BN033213.D
Acq: 02 Aug 2024 22:12

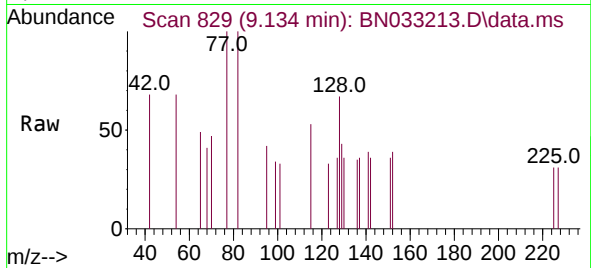
Tgt Ion:136 Resp: 6150
Ion Ratio Lower Upper
136 100
137 19.7 9.9 14.9#
54 19.2 6.5 9.7#
68 15.4 5.8 8.8#





#8
Nitrobenzene-d5
Concen: 0.381 ng m
RT: 9.134 min Scan# 81
Delta R.T. 0.320 min
Lab File: BN033213.D
Acq: 02 Aug 2024 22:12

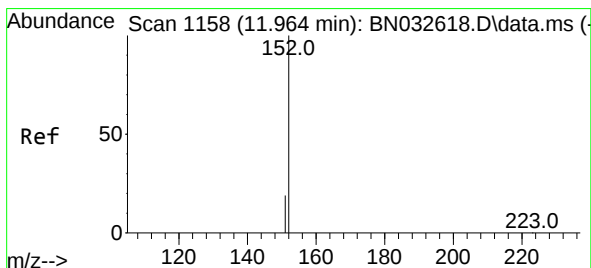
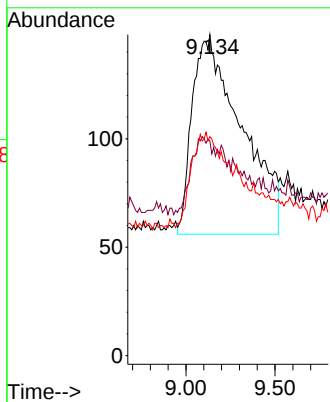
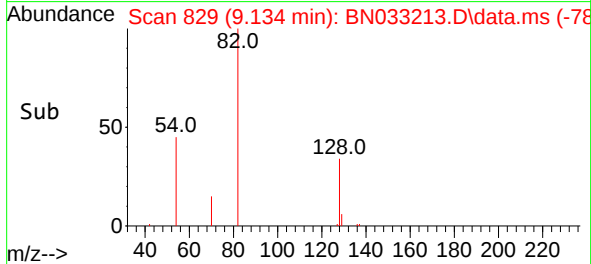
Instrument :
BNA_N
ClientSampleId :
PB162424BL



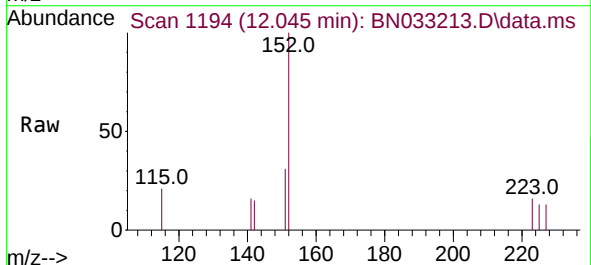
Tgt Ion: 82 Resp: 1760
Ion Ratio Lower Upper
82 100
128 66.9 41.7 62.5
54 68.2 39.5 59.3

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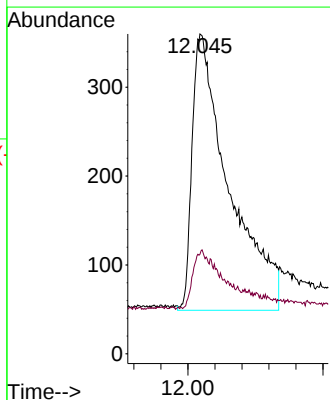
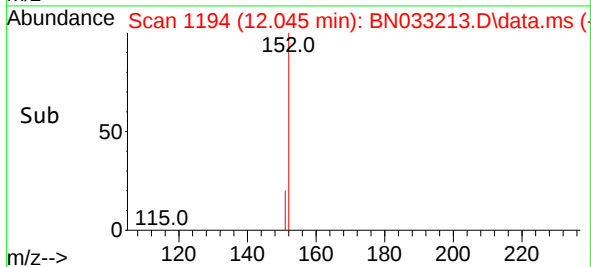
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/07/2024

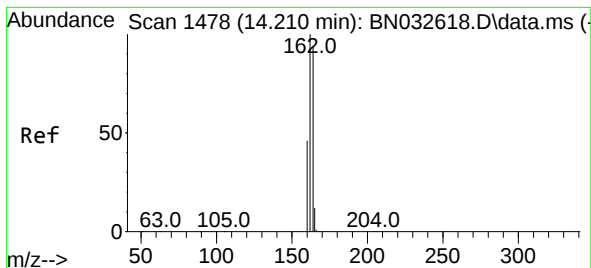


#11
2-Methylnaphthalene-d10
Concen: 0.313 ng m
RT: 12.045 min Scan# 1194
Delta R.T. 0.144 min
Lab File: BN033213.D
Acq: 02 Aug 2024 22:12



Tgt Ion:152 Resp: 2943
Ion Ratio Lower Upper
152 100
151 8.3 16.2 24.2





#13

Acenaphthene-d10

Concen: 0.400 ng m

RT: 14.197 min Scan# 14

Delta R.T. 0.061 min

Lab File: BN033213.D

Acq: 02 Aug 2024 22:12

Instrument :

BNA_N

ClientSampleId :

PB162424BL

Tgt Ion:164 Resp: 352

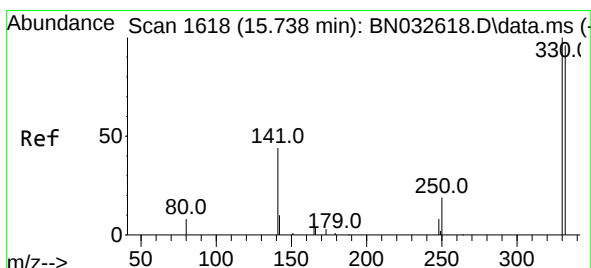
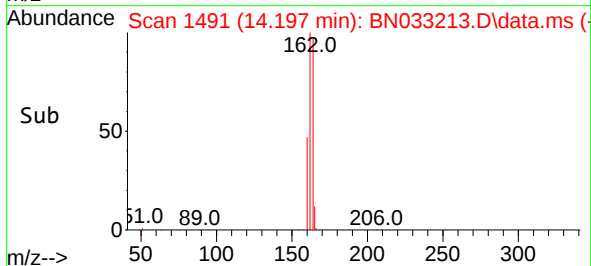
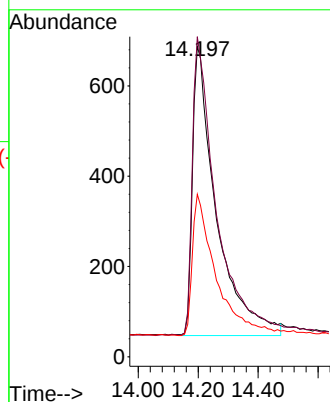
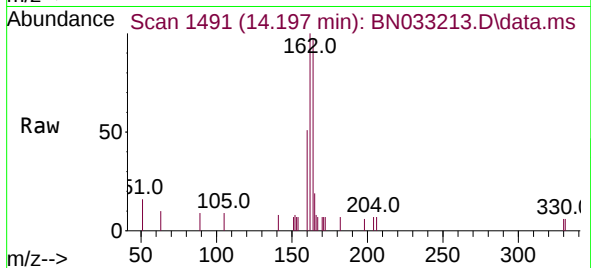
Ion	Ratio	Lower	Upper
164	100		
162	103.2	85.0	127.4
160	52.4	39.4	59.2

Manual Integrations

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#14

2,4,6-Tribromophenol

Concen: 0.192 ng m

RT: 15.798 min Scan# 1637

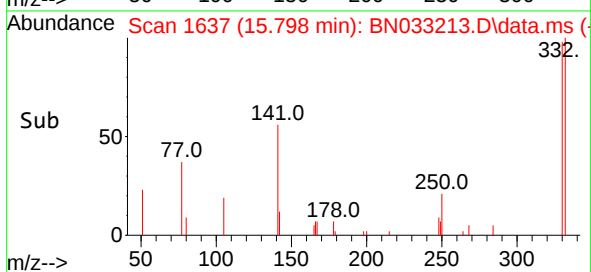
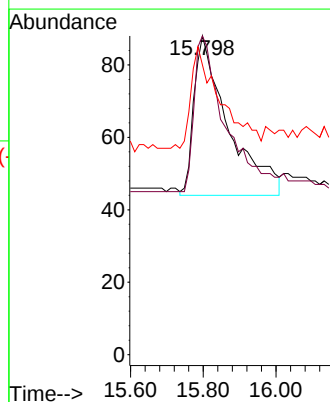
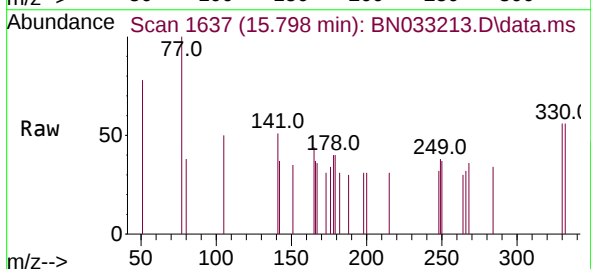
Delta R.T. 0.082 min

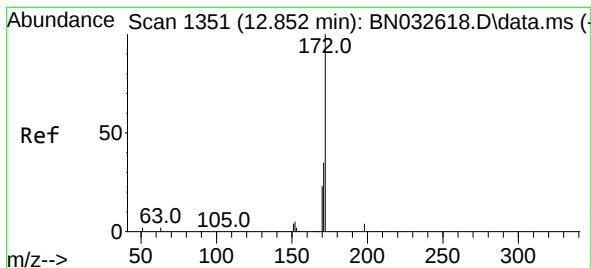
Lab File: BN033213.D

Acq: 02 Aug 2024 22:12

Tgt Ion:330 Resp: 289

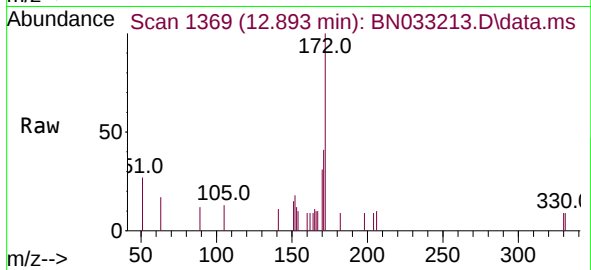
Ion	Ratio	Lower	Upper
330	100		
332	81.7	77.8	116.8
141	52.9	34.2	51.2





#15
2-Fluorobiphenyl
Concen: 0.337 ng m
RT: 12.893 min Scan# 1733
Delta R.T. 0.103 min
Lab File: BN033213.D
Acq: 02 Aug 2024 22:12

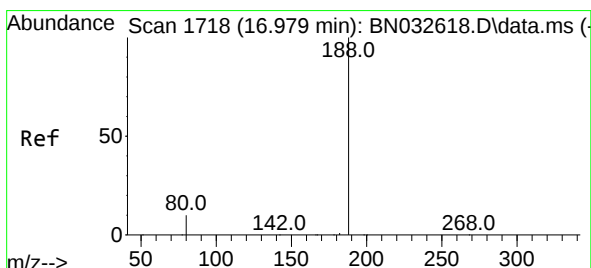
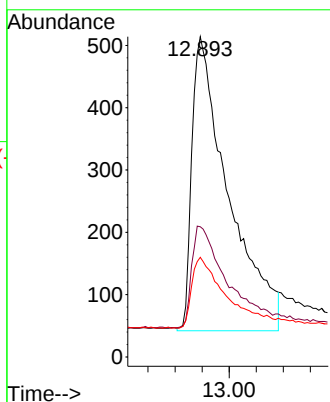
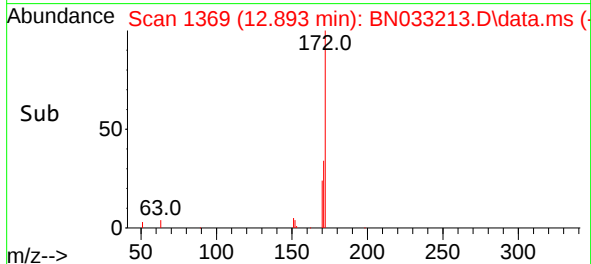
Instrument :
BNA_N
ClientSampleId :
PB162424BL



Tgt Ion:172 Resp: 4410
Ion Ratio Lower Upper
172 100
171 40.7 28.6 43.0
170 31.1 19.0 28.6

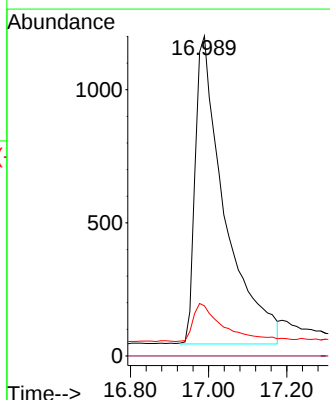
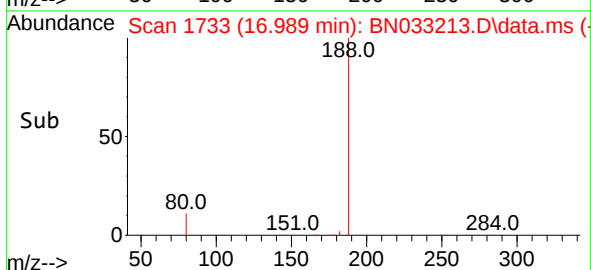
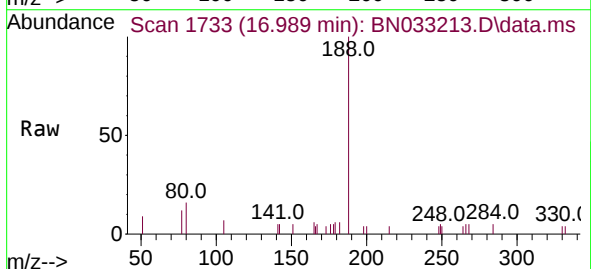
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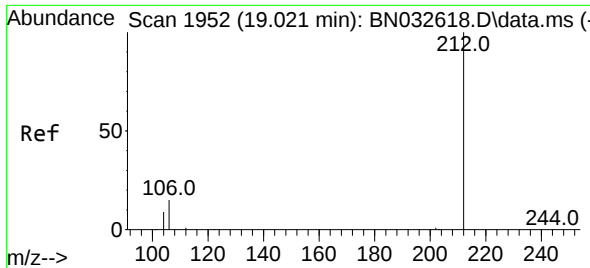
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/07/2024



#19
Phenanthrene-d10
Concen: 0.400 ng m
RT: 16.989 min Scan# 1733
Delta R.T. 0.069 min
Lab File: BN033213.D
Acq: 02 Aug 2024 22:12

Tgt Ion:188 Resp: 6022
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.6 8.8 13.2





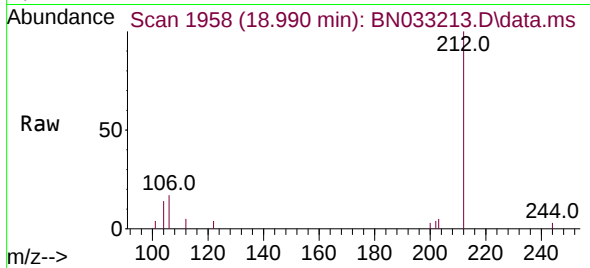
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Fluoranthene-d10
Concen: 0.323 ng
RT: 18.990 min Scan# 1952
Delta R.T. 0.030 min
Lab File: BN033213.D
Acq: 02 Aug 2024 22:12

Instrument :

BNA_N

ClientSampleId :

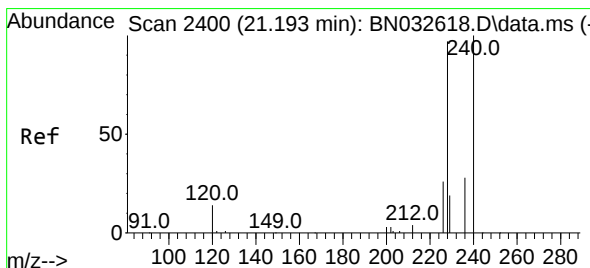
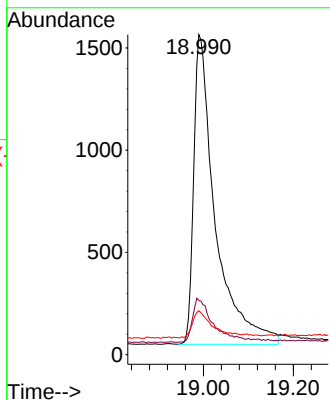
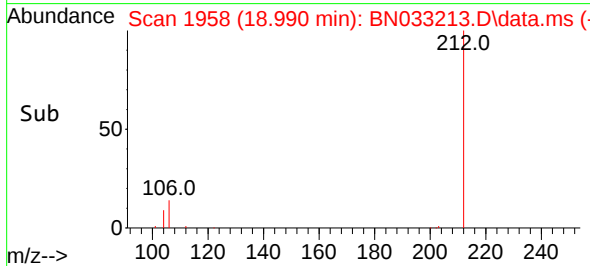
PB162424BL



Tgt Ion:212 Resp: 5030
Ion Ratio Lower Upper
212 100
106 13.5 11.9 17.9
104 8.3 6.9 10.3

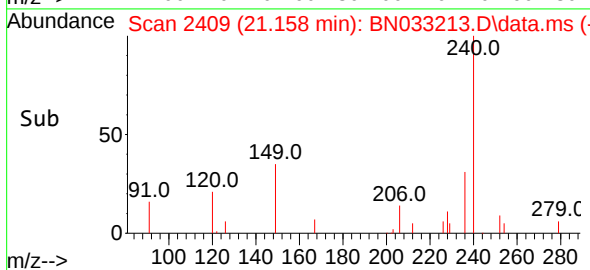
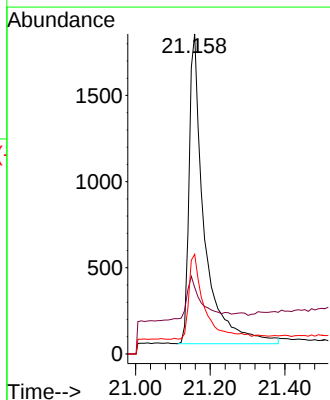
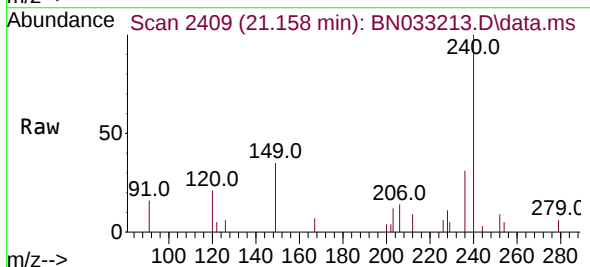
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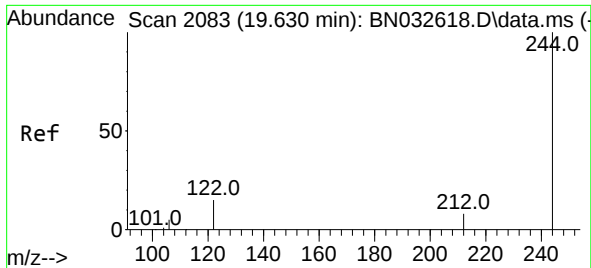
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/07/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.158 min Scan# 2409
Delta R.T. 0.025 min
Lab File: BN033213.D
Acq: 02 Aug 2024 22:12

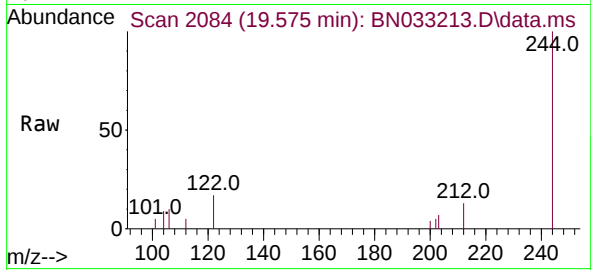
Tgt Ion:240 Resp: 5074
Ion Ratio Lower Upper
240 100
120 20.8 14.8 22.2
236 31.1 23.3 34.9





#31
 Terphenyl-d14
 Concen: 0.368 ng
 RT: 19.575 min Scan# 2084
 Delta R.T. 0.012 min
 Lab File: BN033213.D
 Acq: 02 Aug 2024 22:12

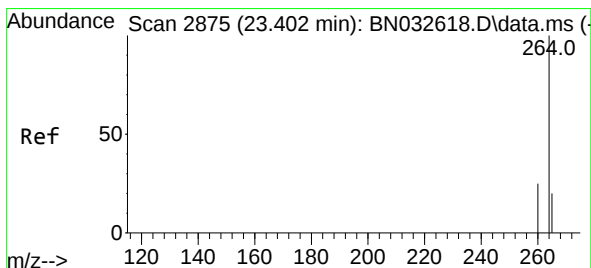
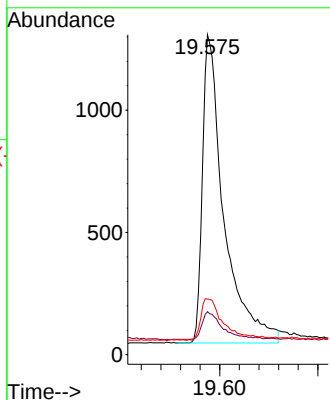
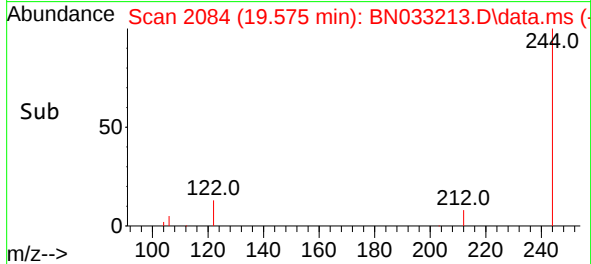
Instrument :
 BNA_N
 ClientSampleId :
 PB162424BL



Tgt Ion:244 Resp: 3828
 Ion Ratio Lower Upper
 244 100
 212 13.4 7.5 11.3
 122 17.4 12.6 19.0

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 Supervised By :mohammad ahmed 08/07/2024



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.330 min Scan# 2863
 Delta R.T. 0.015 min
 Lab File: BN033213.D
 Acq: 02 Aug 2024 22:12

Tgt Ion:264 Resp: 6136
 Ion Ratio Lower Upper
 264 100
 260 27.3 20.9 31.3
 265 112.9 85.4 128.2

