

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081824\
 Data File : BN033471.D
 Acq On : 17 Aug 2024 16:57
 Operator : MA/JU
 Sample : P3609-01
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 915-J-WS-081424

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/19/2024
 Supervised By :mohammad ahmed 08/21/2024

Quant Time: Aug 17 23:31:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 16 04:44:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	8277	0.400	ng	-0.01
7) Naphthalene-d8	10.314	136	22118	0.400	ng	-0.02
13) Acenaphthene-d10	14.189	164	10650	0.400	ng	-0.01
19) Phenanthrene-d10	16.942	188	21491	0.400	ng	-0.01
29) Chrysene-d12	21.148	240	18138	0.400	ng	0.00
35) Perylene-d12	23.317	264	19135	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	3717	0.163	ng	0.00
5) Phenol-d6	6.743	99	2874	0.093	ng	0.00
8) Nitrobenzene-d5	8.691	82	5896	0.353	ng	-0.01
11) 2-Methylnaphthalene-d10	11.915	152	9376	0.275	ng	-0.02
14) 2,4,6-Tribromophenol	15.688	330	1883	0.345	ng	-0.01
15) 2-Fluorobiphenyl	12.810	172	14222	0.326	ng	-0.01
27) Fluoranthene-d10	18.984	212	20949	0.365	ng	0.00
31) Terphenyl-d14	19.597	244	22331	0.652	ng	0.00
Target Compounds						Qvalue
18) Fluorene	15.247	166	3153m	0.070	ng	
25) Phenanthrene	16.979	178	2688	0.043	ng	99
28) Fluoranthene	19.012	202	4528	0.059	ng	96
30) Pyrene	19.374	202	2687	0.037	ng	# 93
33) Chrysene	21.184	228	1812	0.027	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.095	149	1546	0.050	ng	# 91
37) Benzo(b)fluoranthene	22.671	252	1702	0.024	ng	# 1

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

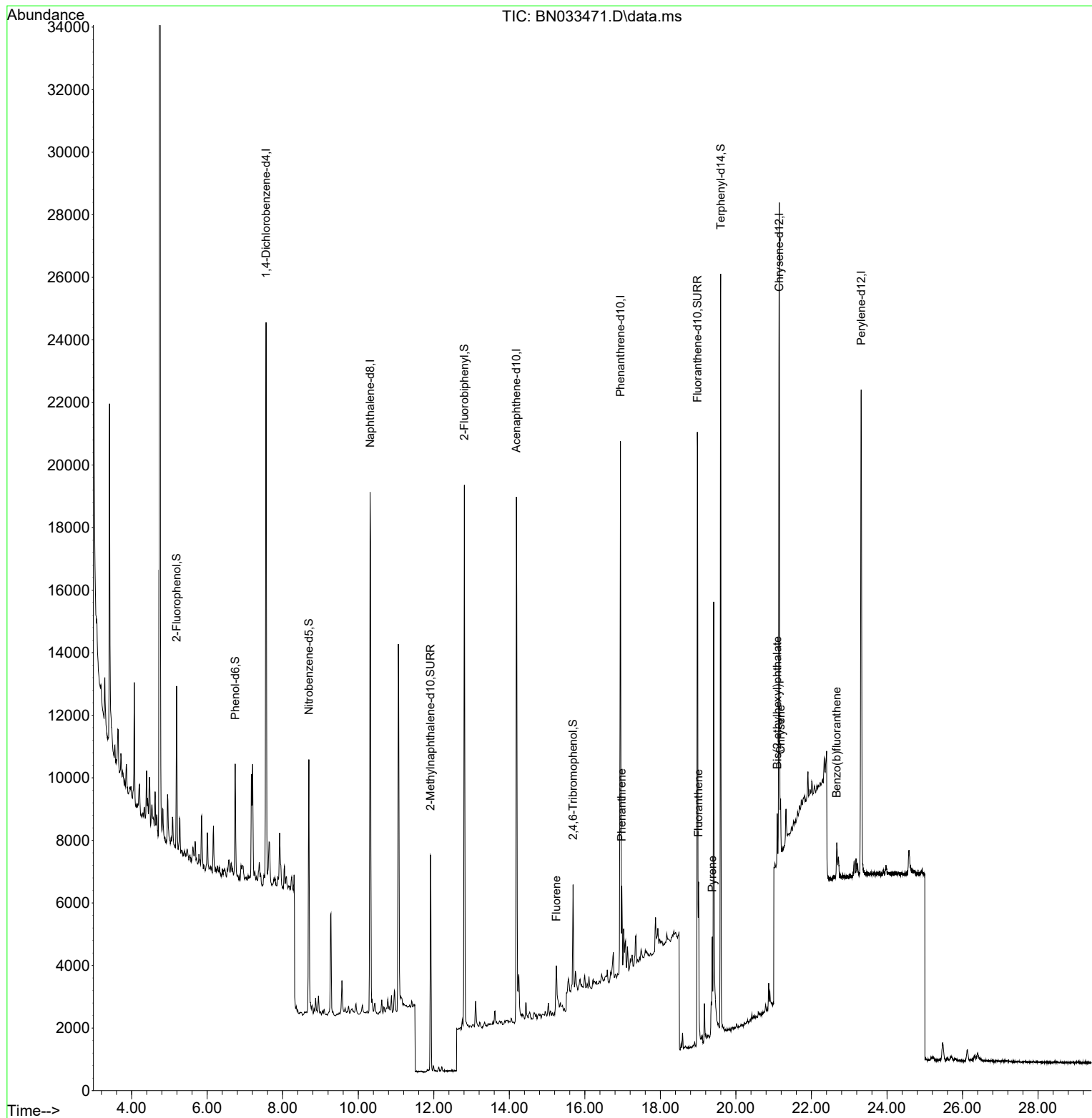
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081824\
Data File : BN033471.D
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915-J-WS-081424

Quant Time: Aug 17 23:31:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration

Manual Integrations
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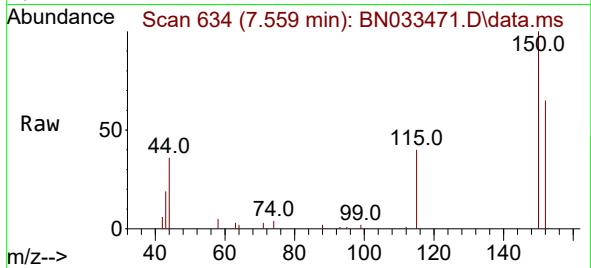
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.559 min Scan# 61
Delta R.T. -0.015 min
Lab File: BN033471.D
Acq: 17 Aug 2024 16:57

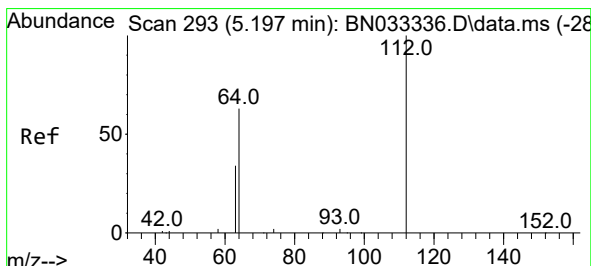
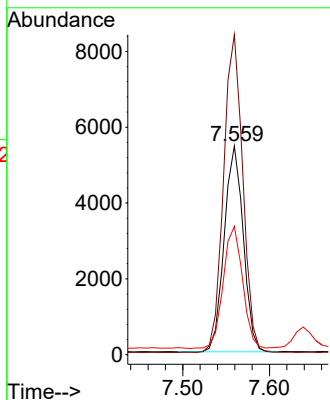
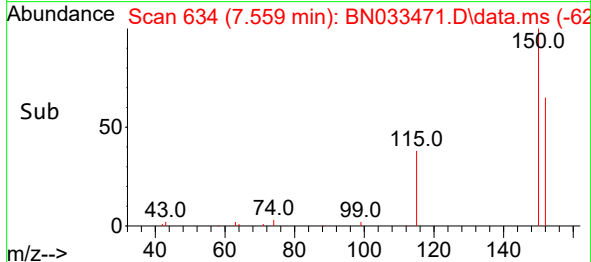
Instrument :
BNA_N
ClientSampleId :
915-J-WS-081424



Tgt Ion:152 Resp: 827
Ion Ratio Lower Upper
152 100
150 153.3 122.3 183.5
115 61.5 48.8 73.2

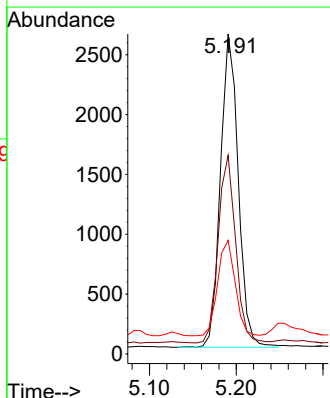
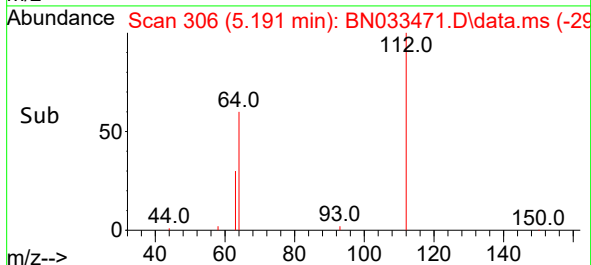
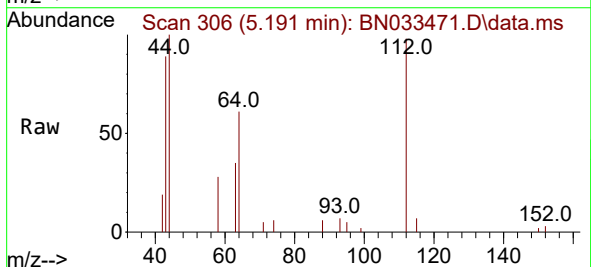
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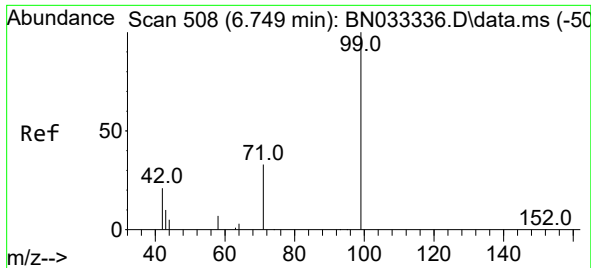
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#4
2-Fluorophenol
Concen: 0.163 ng
RT: 5.191 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN033471.D
Acq: 17 Aug 2024 16:57

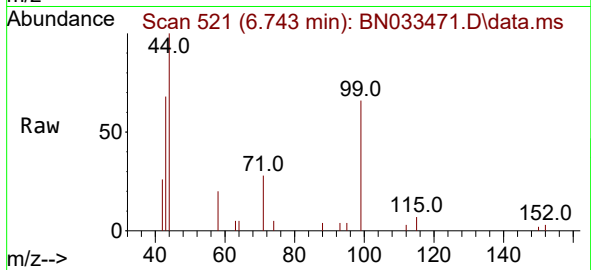
Tgt Ion:112 Resp: 3717
Ion Ratio Lower Upper
112 100
64 58.7 48.1 72.1
63 30.1 25.4 38.2





#5
Phenol-d6
Concen: 0.093 ng
RT: 6.743 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033471.D
Acq: 17 Aug 2024 16:57

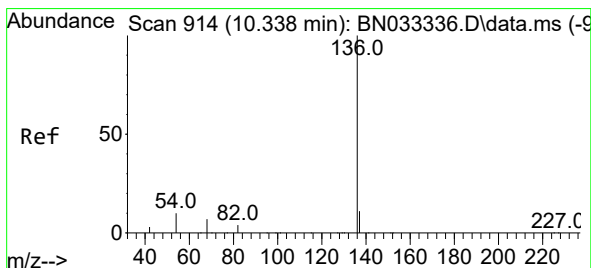
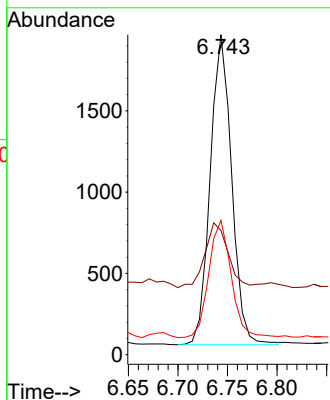
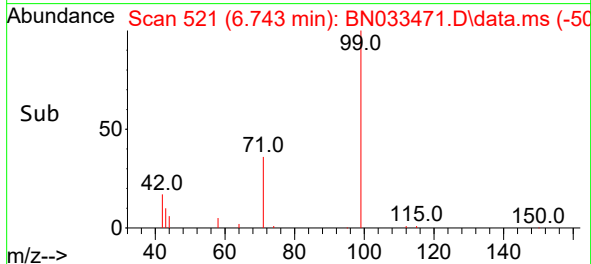
Instrument :
BNA_N
ClientSampleId :
915-J-WS-081424



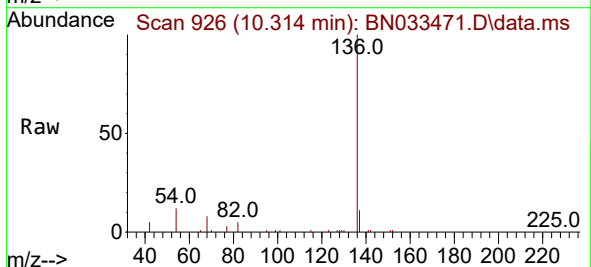
Tgt Ion: 99 Resp: 2874
Ion Ratio Lower Upper
99 100
42 22.2 18.5 27.7
71 39.7 26.2 39.2

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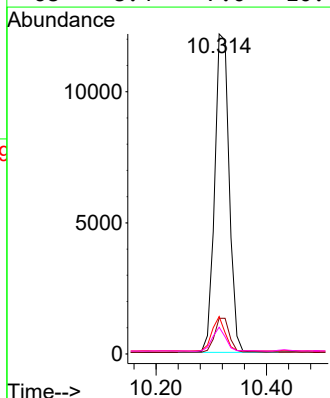
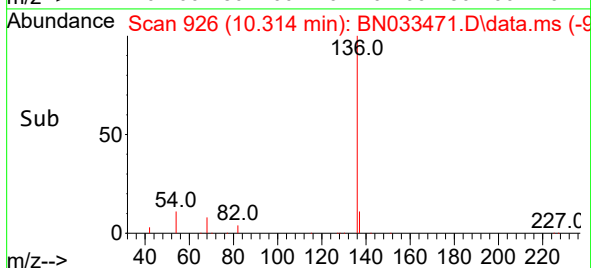
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024

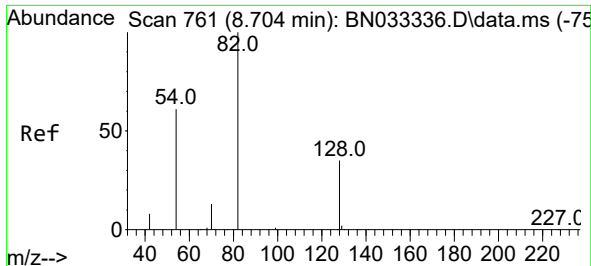


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 926
Delta R.T. -0.021 min
Lab File: BN033471.D
Acq: 17 Aug 2024 16:57



Tgt Ion:136 Resp: 22118
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 11.7 9.4 14.0
68 8.4 7.0 10.4





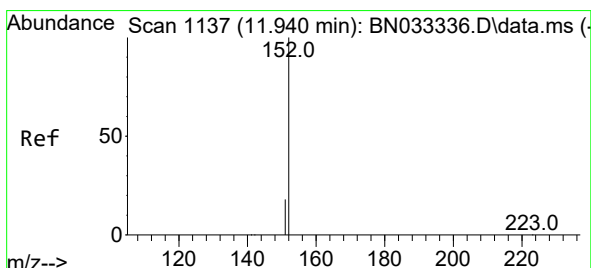
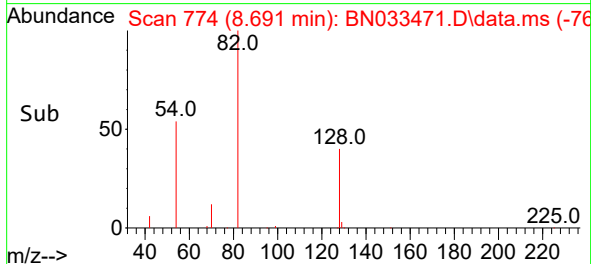
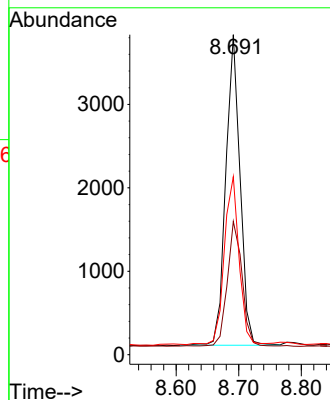
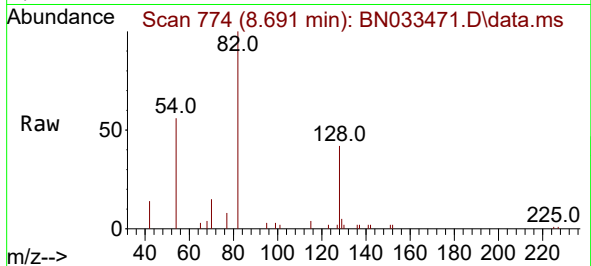
#8
Nitrobenzene-d5
Concen: 0.353 ng
RT: 8.691 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN033471.D
Acq: 17 Aug 2024 16:57

Instrument :
BNA_N
ClientSampleId :
915-J-WS-081424

Tgt Ion: 82 Resp: 5890
Ion Ratio Lower Upper
82 100
128 41.7 29.0 43.4
54 55.6 50.2 75.4

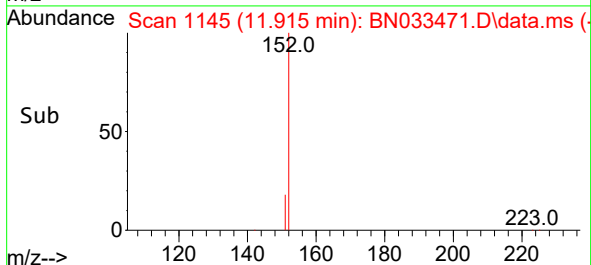
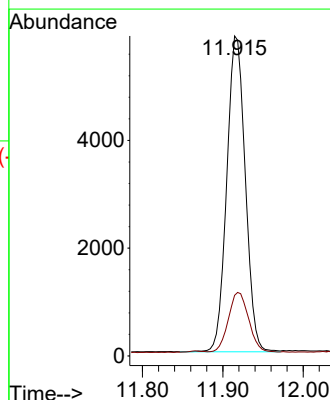
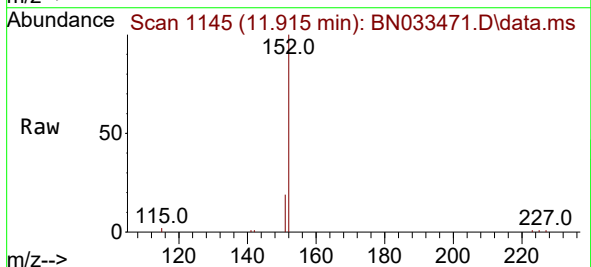
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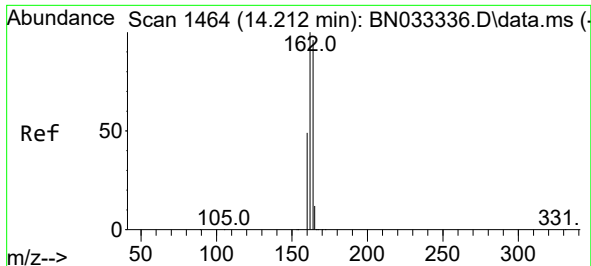
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#11
2-Methylnaphthalene-d10
Concen: 0.275 ng
RT: 11.915 min Scan# 1145
Delta R.T. -0.015 min
Lab File: BN033471.D
Acq: 17 Aug 2024 16:57

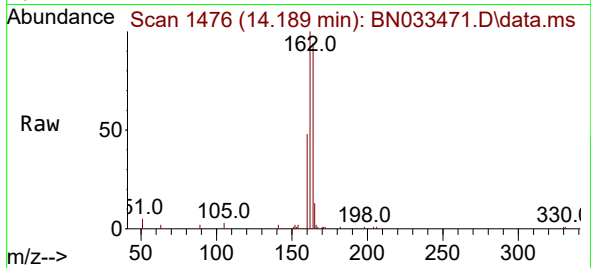
Tgt Ion:152 Resp: 9376
Ion Ratio Lower Upper
152 100
151 20.7 16.7 25.1





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.189 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN033471.D
Acq: 17 Aug 2024 16:57

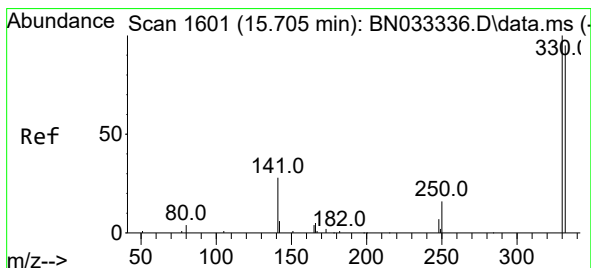
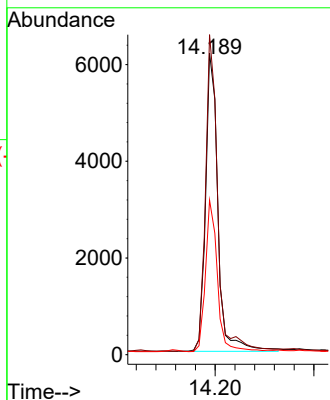
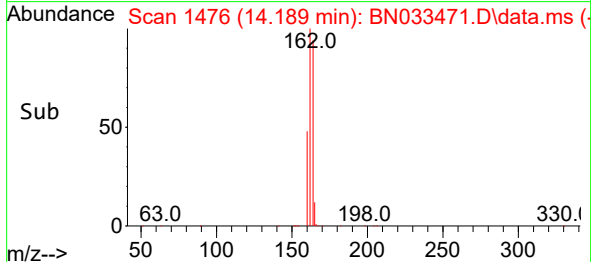
Instrument :
BNA_N
ClientSampleId :
915-J-WS-081424



Tgt Ion:164 Resp: 10650
Ion Ratio Lower Upper
164 100
162 106.1 83.1 124.7
160 51.2 41.1 61.7

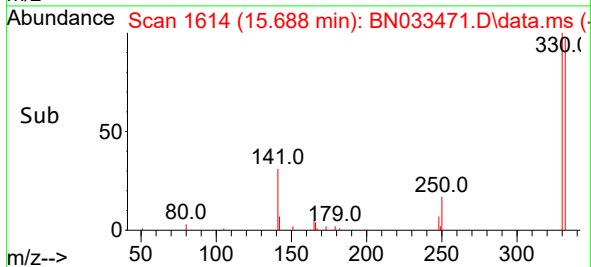
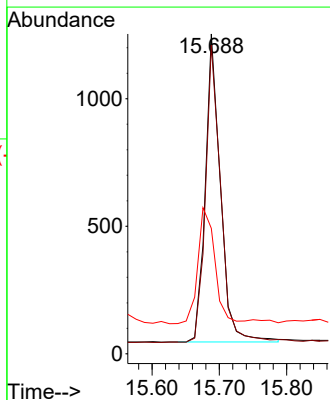
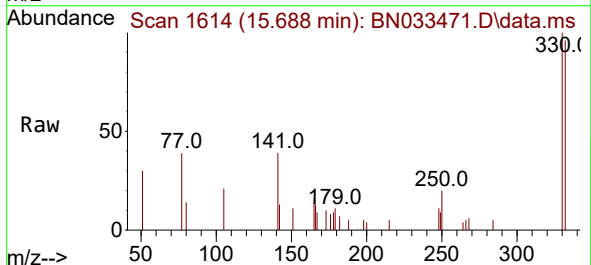
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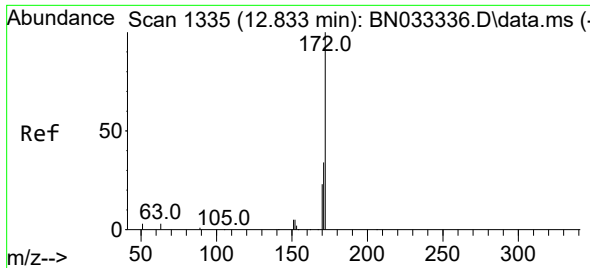
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#14
2,4,6-Tribromophenol
Concen: 0.345 ng
RT: 15.688 min Scan# 1614
Delta R.T. -0.012 min
Lab File: BN033471.D
Acq: 17 Aug 2024 16:57

Tgt Ion:330 Resp: 1883
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 42.7 33.4 50.0





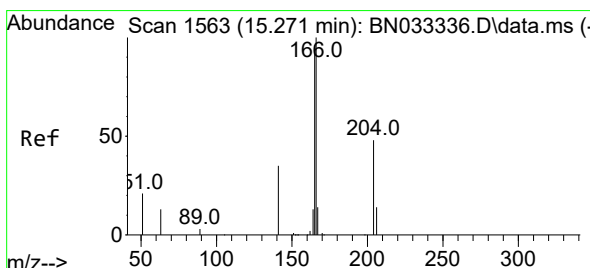
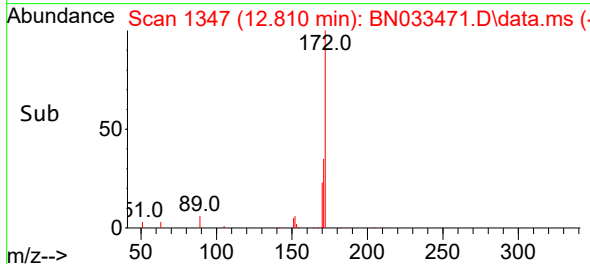
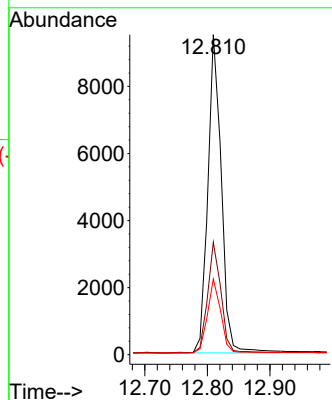
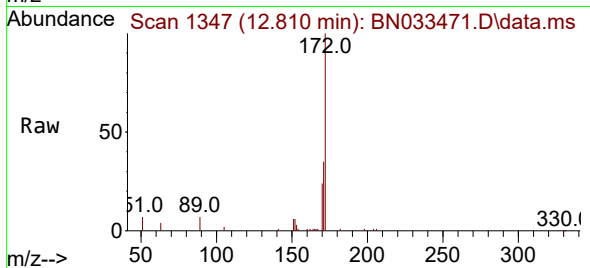
#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 12.810 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN033471.D
Acq: 17 Aug 2024 16:57

Instrument :
BNA_N
ClientSampleId :
915-J-WS-081424

Tgt Ion:172 Resp: 1422
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 23.6 18.7 28.1

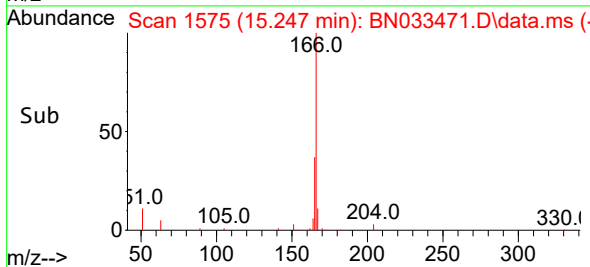
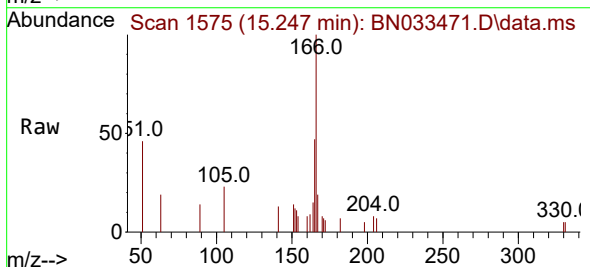
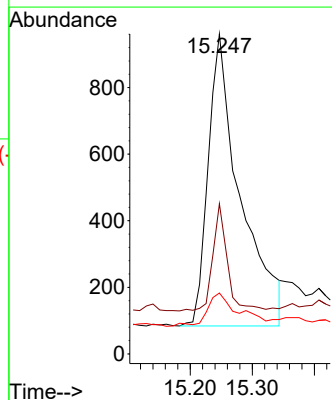
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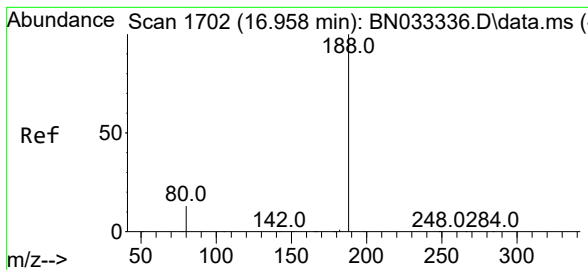
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#18
Fluorene
Concen: 0.070 ng m
RT: 15.247 min Scan# 1575
Delta R.T. -0.011 min
Lab File: BN033471.D
Acq: 17 Aug 2024 16:57

Tgt Ion:166 Resp: 3153
Ion Ratio Lower Upper
166 100
165 16.1 78.0 117.0#
167 10.0 10.7 16.1#





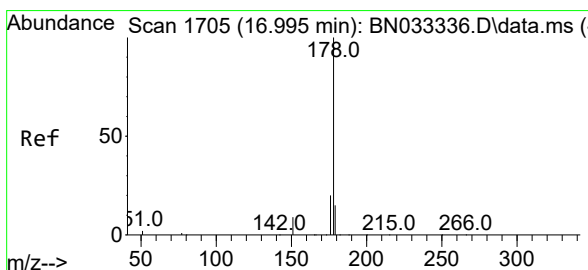
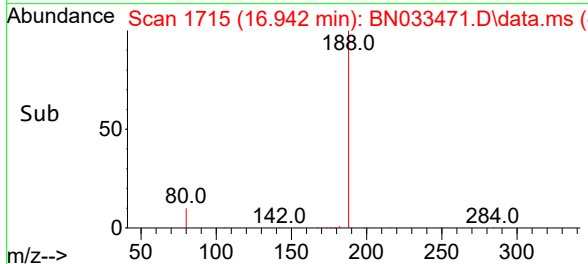
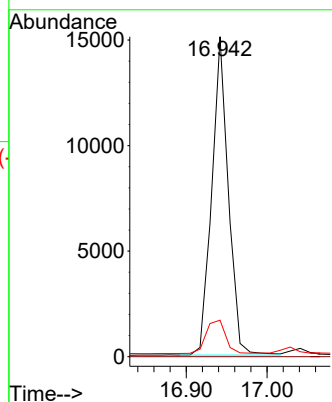
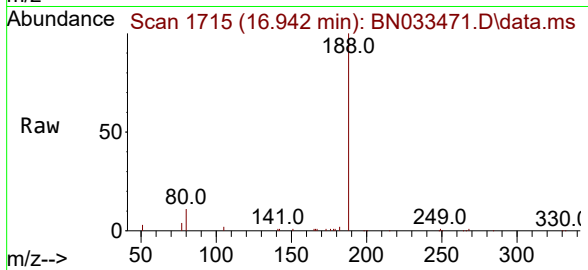
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.942 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BN033471.D
Acq: 17 Aug 2024 16:57

Instrument :
BNA_N
ClientSampleId :
915-J-WS-081424

Tgt Ion:188 Resp: 2149
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 10.7 16.1

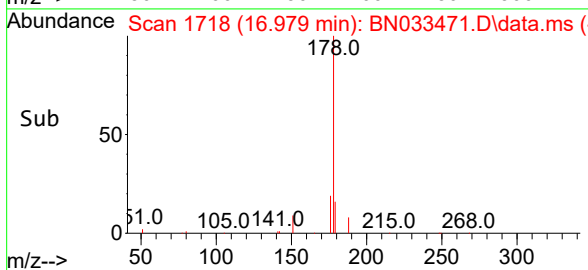
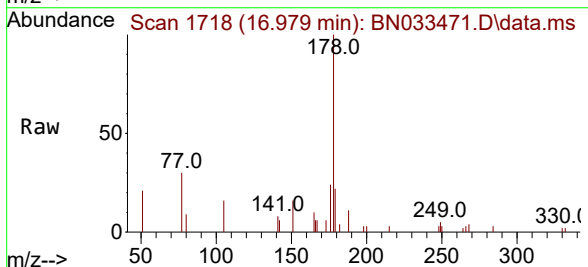
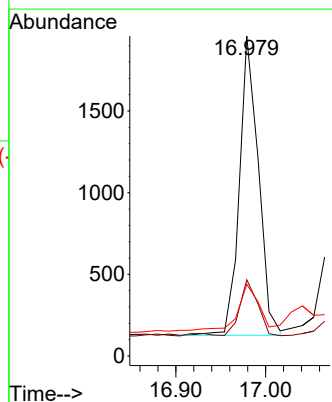
Manual Integrations
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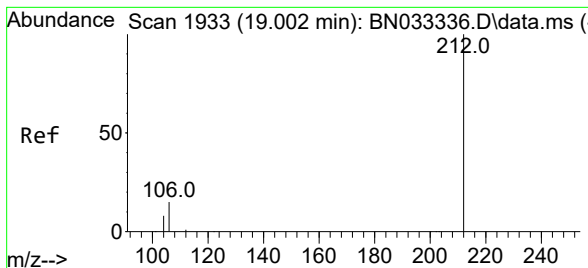
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#25
Phenanthrene
Concen: 0.043 ng
RT: 16.979 min Scan# 1718
Delta R.T. -0.012 min
Lab File: BN033471.D
Acq: 17 Aug 2024 16:57

Tgt Ion:178 Resp: 2688
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 16.1 12.2 18.2





#27

Fluoranthene-d10

Concen: 0.365 ng

RT: 18.984 min Scan# 1944

Delta R.T. -0.009 min

Lab File: BN033471.D

Acq: 17 Aug 2024 16:57

Instrument :

BNA_N

ClientSampleId :

915-J-WS-081424

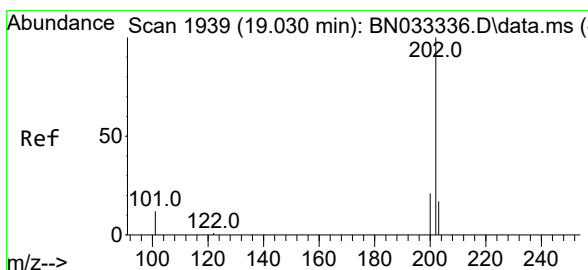
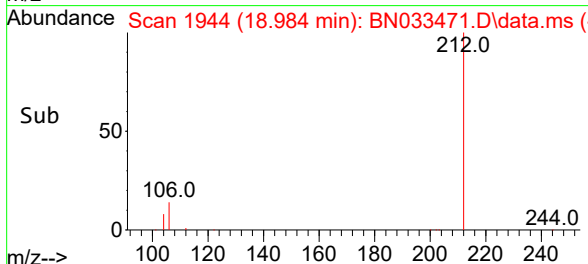
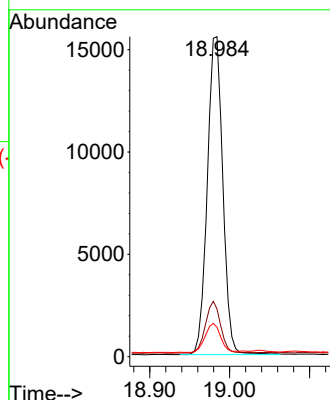
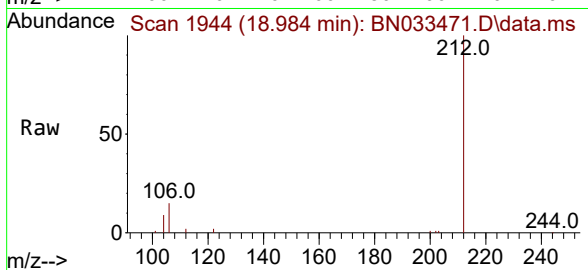
Tgt Ion:212 Resp: 20949

Ion	Ratio	Lower	Upper
212	100		
106	16.0	12.8	19.2
104	9.0	7.1	10.7

Manual Integrations

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Supervised By :mohammad ahmed 08/21/2024



#28

Fluoranthene

Concen: 0.059 ng

RT: 19.012 min Scan# 1950

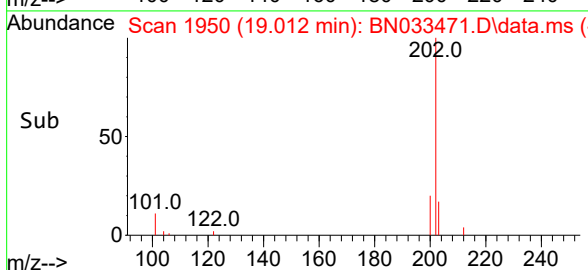
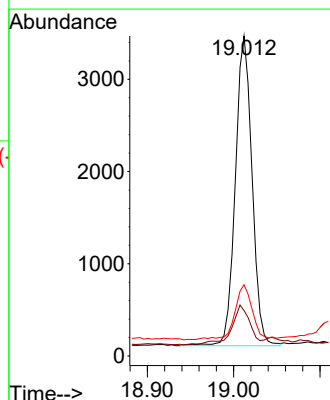
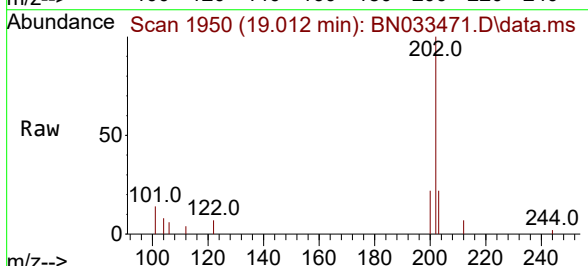
Delta R.T. -0.009 min

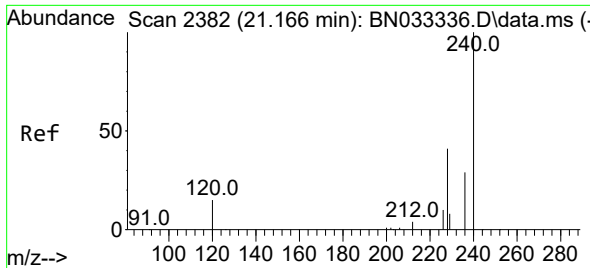
Lab File: BN033471.D

Acq: 17 Aug 2024 16:57

Tgt Ion:202 Resp: 4528

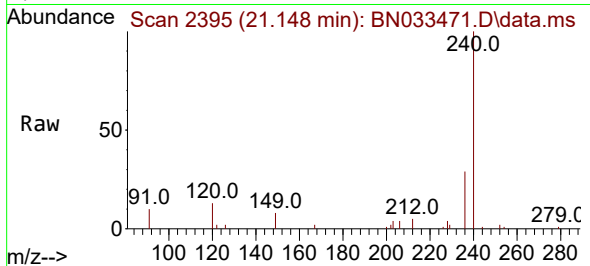
Ion	Ratio	Lower	Upper
202	100		
101	14.1	9.8	14.6
203	18.3	13.8	20.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 211
Delta R.T. -0.009 min
Lab File: BN033471.D
Acq: 17 Aug 2024 16:57

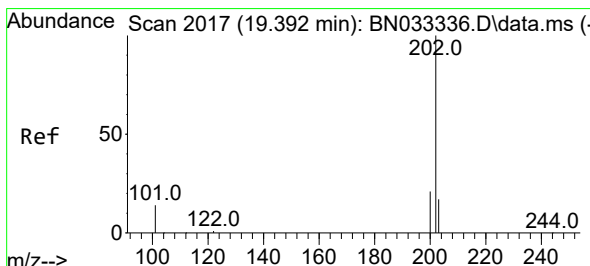
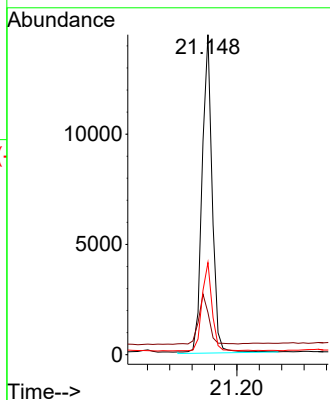
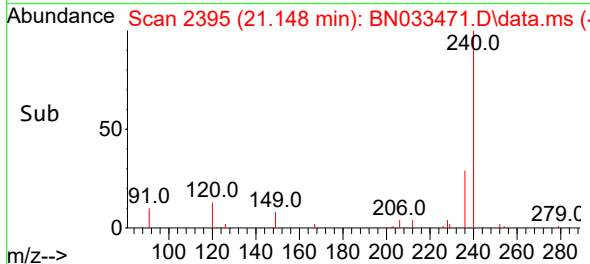
Instrument :
BNA_N
ClientSampleId :
915-J-WS-081424



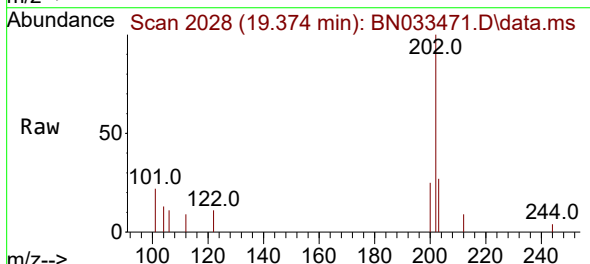
Tgt Ion:240 Resp: 18138
Ion Ratio Lower Upper
240 100
120 13.1 13.0 19.6
236 28.8 23.2 34.8

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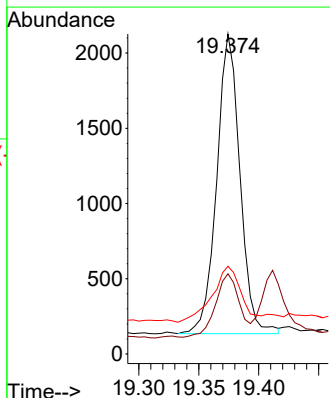
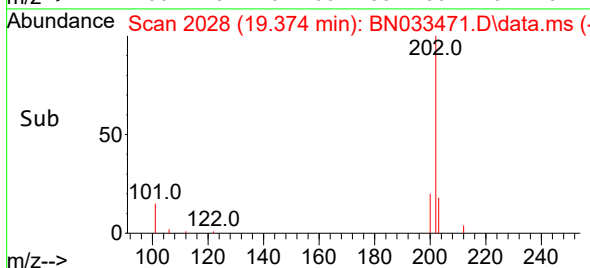
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024

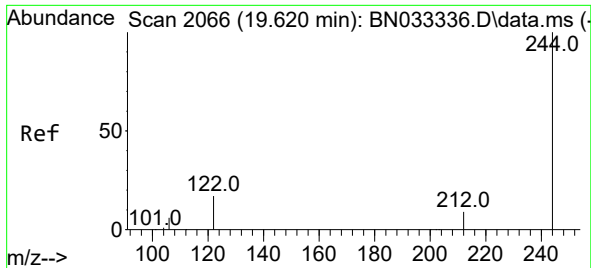


#30
Pyrene
Concen: 0.037 ng
RT: 19.374 min Scan# 2028
Delta R.T. -0.009 min
Lab File: BN033471.D
Acq: 17 Aug 2024 16:57



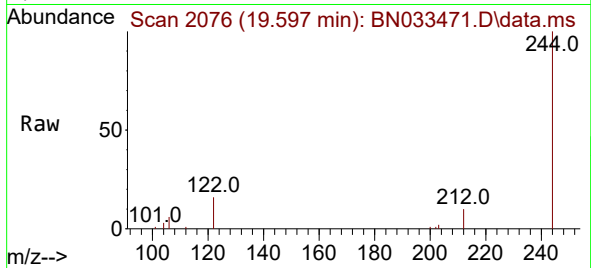
Tgt Ion:202 Resp: 2687
Ion Ratio Lower Upper
202 100
200 21.8 16.7 25.1
203 23.3 14.2 21.4#





#31
Terphenyl-d14
Concen: 0.652 ng
RT: 19.597 min Scan# 2066
Delta R.T. -0.009 min
Lab File: BN033471.D
Acq: 17 Aug 2024 16:57

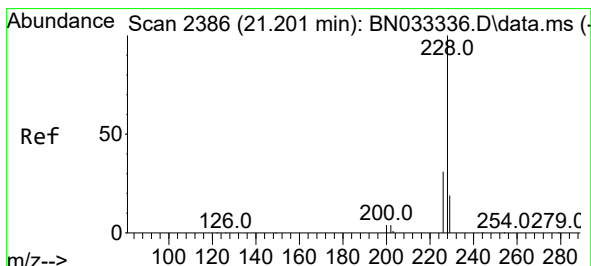
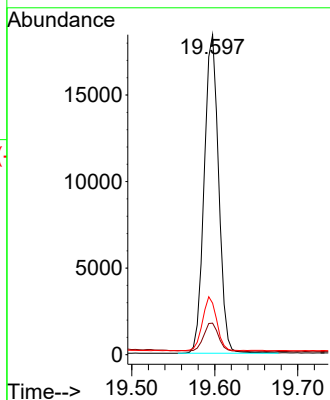
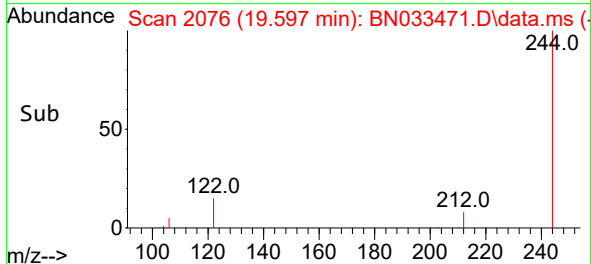
Instrument :
BNA_N
ClientSampleId :
915-J-WS-081424



Tgt Ion:244 Resp: 2233
Ion Ratio Lower Upper
244 100
212 9.8 7.7 11.5
122 16.1 14.0 21.0

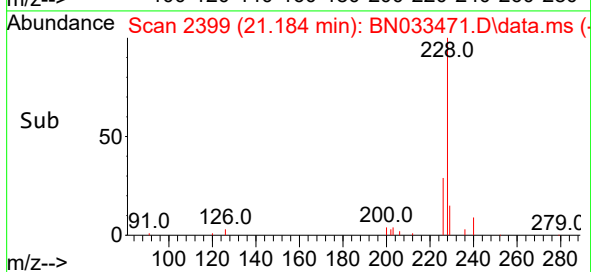
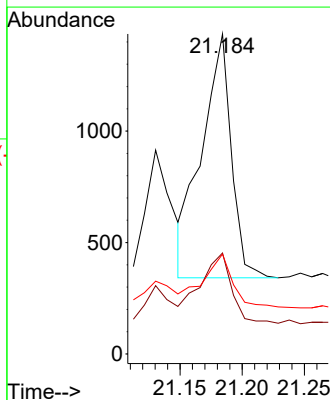
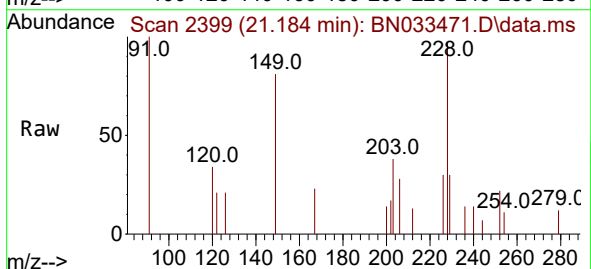
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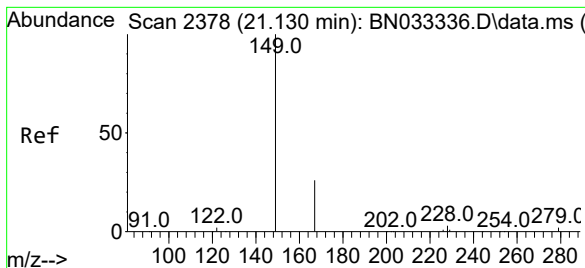
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#33
Chrysene
Concen: 0.027 ng
RT: 21.184 min Scan# 2399
Delta R.T. -0.009 min
Lab File: BN033471.D
Acq: 17 Aug 2024 16:57

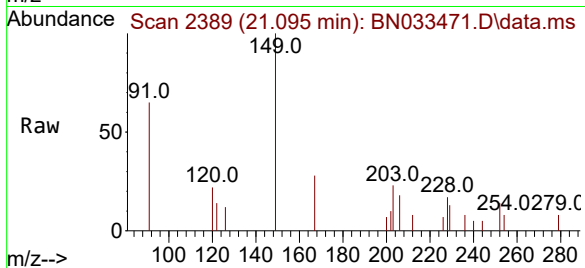
Tgt Ion:228 Resp: 1812
Ion Ratio Lower Upper
228 100
226 31.5 24.7 37.1
229 31.2 15.4 23.2#





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.050 ng
 RT: 21.095 min Scan# 2109
 Delta R.T. -0.018 min
 Lab File: BN033471.D
 Acq: 17 Aug 2024 16:57

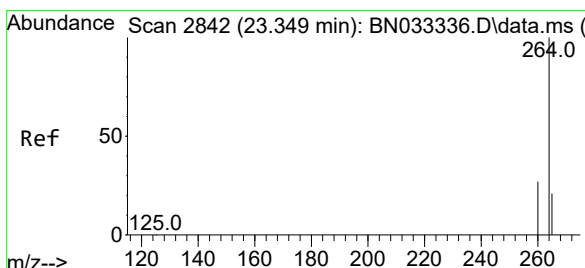
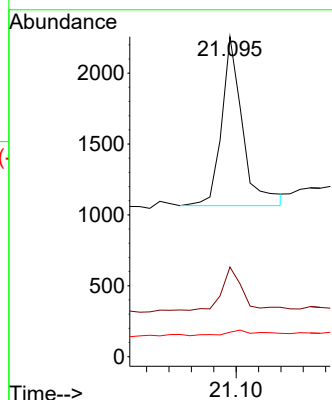
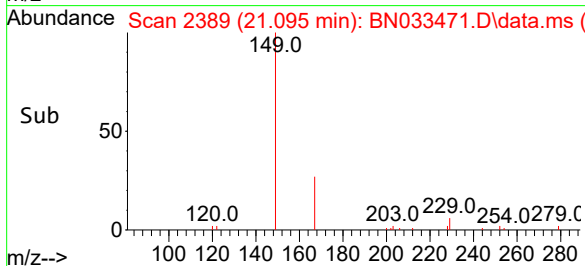
Instrument :
 BNA_N
 ClientSampleId :
 915-J-WS-081424



Tgt Ion:149 Resp: 1540
 Ion Ratio Lower Upper
 149 100
 167 30.9 20.9 31.3
 279 6.0 2.2 3.4

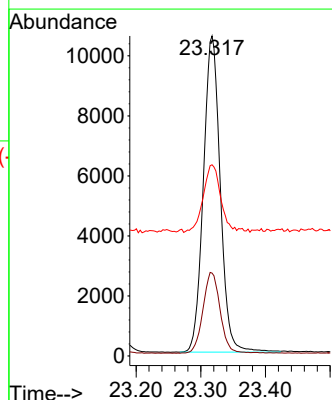
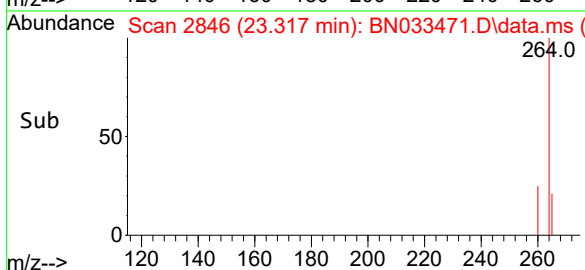
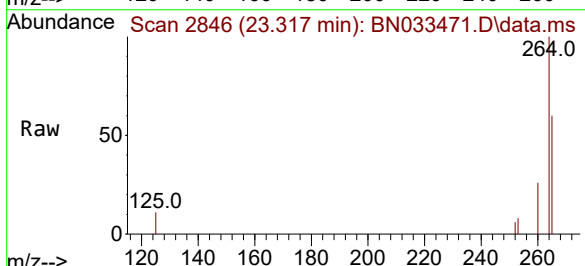
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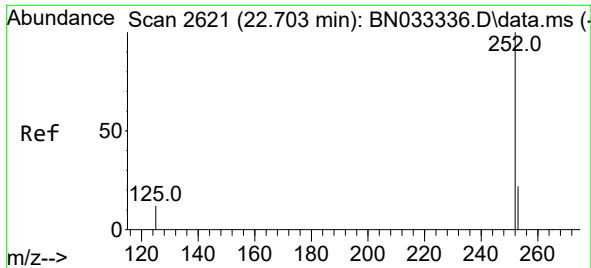
Reviewed By :Jagrut Upadhyay 08/19/2024
 Supervised By :mohammad ahmed 08/21/2024



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.317 min Scan# 2846
 Delta R.T. -0.015 min
 Lab File: BN033471.D
 Acq: 17 Aug 2024 16:57

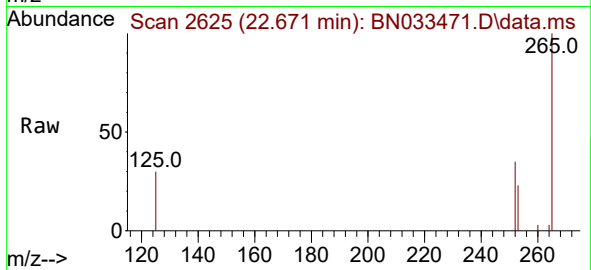
Tgt Ion:264 Resp: 19135
 Ion Ratio Lower Upper
 264 100
 260 25.9 21.6 32.4
 265 59.7 29.3 43.9





#37
Benzo(b)fluoranthene
Concen: 0.024 ng
RT: 22.671 min Scan# 20
Delta R.T. -0.015 min
Lab File: BN033471.D
Acq: 17 Aug 2024 16:57

Instrument :
BNA_N
ClientSampleId :
915-J-WS-081424



Tgt Ion:252 Resp: 170
Ion Ratio Lower Upper
252 100
253 64.9 18.2 27.2
125 84.2 11.3 16.9

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Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024

