

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022724\
 Data File : BN030094.D
 Acq On : 27 Feb 2024 16:32
 Operator : MA/JU
 Sample : P1578-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT161S1-20240221MSD

Quant Time: Feb 28 00:20:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 02:39:45 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
 Supervised By :mohammad ahmed 02/29/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3365	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	9052	0.400	ng	0.00
13) Acenaphthene-d10	14.490	164	3932	0.400	ng	0.00
19) Phenanthrene-d10	17.243	188	8094	0.400	ng	#-0.01
29) Chrysene-d12	21.447	240	7581	0.400	ng	0.00
35) Perylene-d12	23.812	264	7826	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1401	0.173	ng	0.00
5) Phenol-d6	7.024	99	874	0.094	ng	0.00
8) Nitrobenzene-d5	9.014	82	3400	0.451	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	5885	0.477	ng	0.00
14) 2,4,6-Tribromophenol	15.989	330	568	0.450	ng	-0.01
15) 2-Fluorobiphenyl	13.121	172	7272	0.431	ng	0.00
27) Fluoranthene-d10	19.285	212	10695	0.546	ng	0.00
31) Terphenyl-d14	19.893	244	8197	0.436	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	3426	0.723	ng	# 57
3) n-Nitrosodimethylamine	3.687	42	766	0.198	ng	# 92
6) bis(2-Chloroethyl)ether	7.291	93	3885	0.437	ng	97
9) Naphthalene	10.690	128	10294	0.399	ng	99
10) Hexachlorobutadiene	10.968	225	1719	0.352	ng	# 98
12) 2-Methylnaphthalene	12.314	142	6161	0.407	ng	99
16) Acenaphthylene	14.212	152	7779	0.417	ng	99
17) Acenaphthene	14.554	154	4954	0.395	ng	98
18) Fluorene	15.542	166	6427	0.409	ng	100
20) 4,6-Dinitro-2-methylph...	15.642	198	407	0.342	ng	# 77
21) 4-Bromophenyl-phenylether	16.449	248	1854m	0.385	ng	
22) Hexachlorobenzene	16.548	284	2377	0.402	ng	94
23) Atrazine	16.722	200	1698	0.496	ng	95
24) Pentachlorophenol	16.895	266	2374	1.268	ng	99
25) Phenanthrene	17.293	178	10906	0.456	ng	99
26) Anthracene	17.379	178	9442	0.463	ng	100
28) Fluoranthene	19.313	202	13881	0.516	ng	100
30) Pyrene	19.675	202	14691	0.421	ng	100
32) Benzo(a)anthracene	21.438	228	12536	0.484	ng	99
33) Chrysene	21.483	228	14208	0.483	ng	99
34) Bis(2-ethylhexyl)phtha...	21.384	149	7961	0.451	ng	98
36) Indeno(1,2,3-cd)pyrene	26.256	276	14667	0.466	ng	93
37) Benzo(b)fluoranthene	23.093	252	13404	0.479	ng	99
38) Benzo(k)fluoranthene	23.142	252	14235	0.486	ng	100
39) Benzo(a)pyrene	23.709	252	12357	0.507	ng	99
40) Dibenzo(a,h)anthracene	26.288	278	11544	0.461	ng	98
41) Benzo(g,h,i)perylene	26.993	276	13152	0.431	ng	99

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

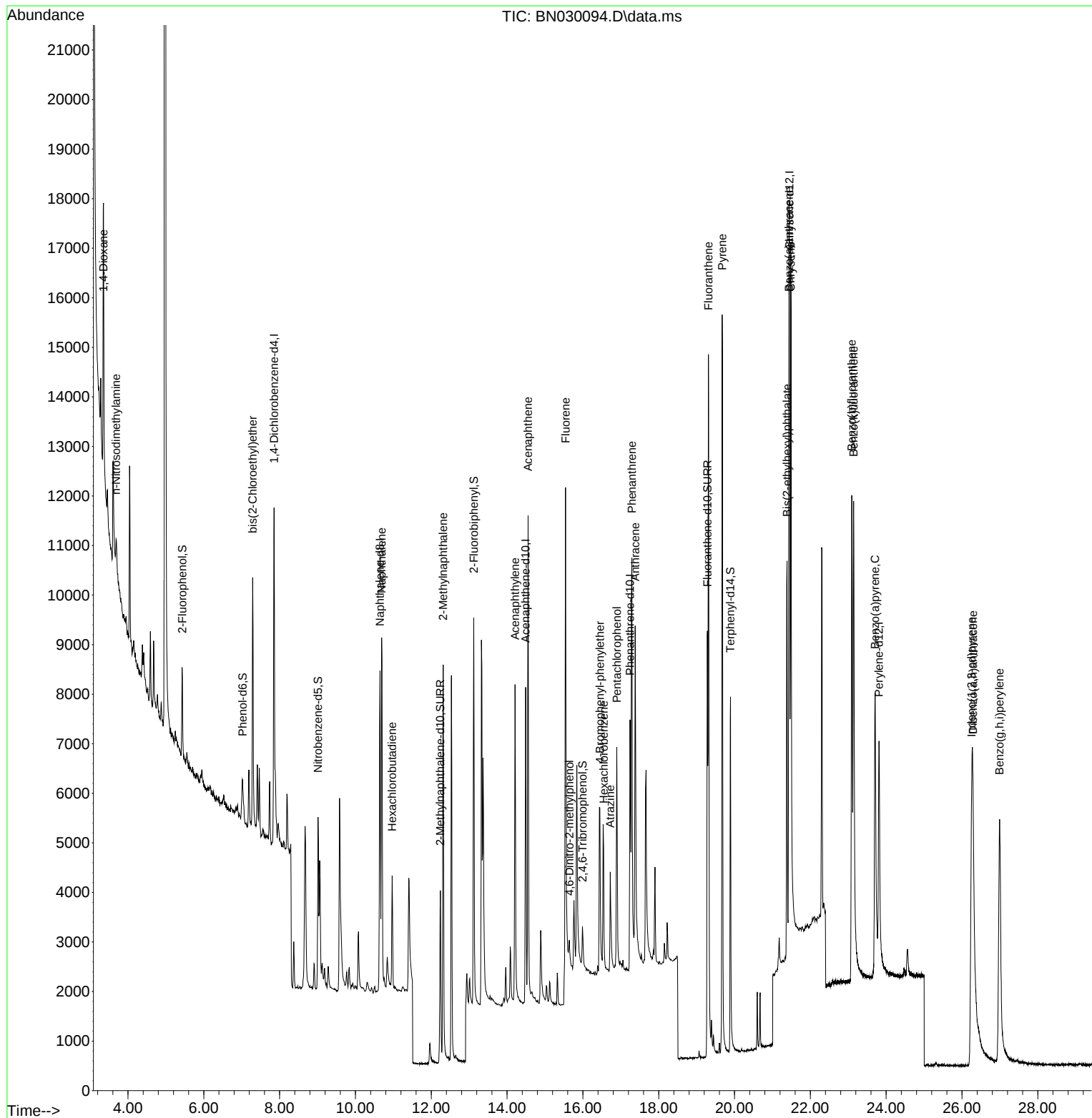
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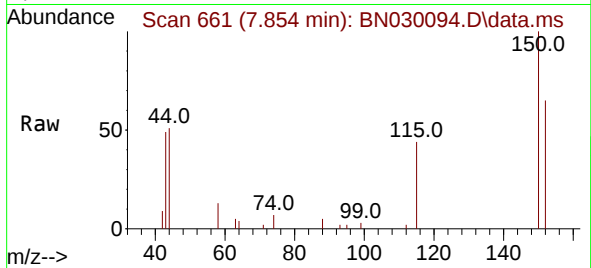
Reviewed By :Jagrut Upadhyay 02/28/2024
 Supervised By :mohammad ahmed 02/29/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 60
 Delta R.T. 0.000 min
 Lab File: BN030094.D
 Acq: 27 Feb 2024 16:32

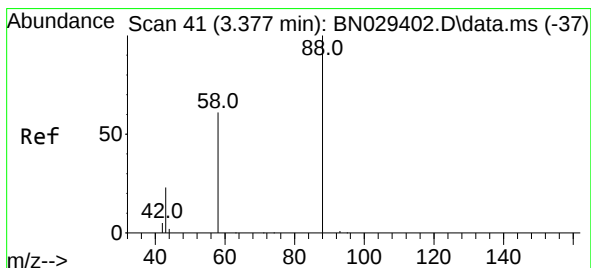
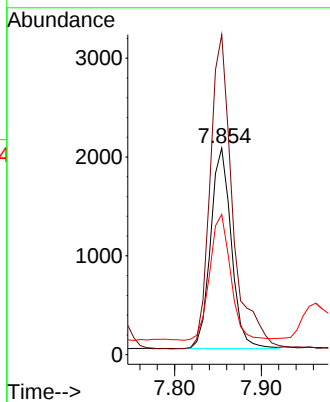
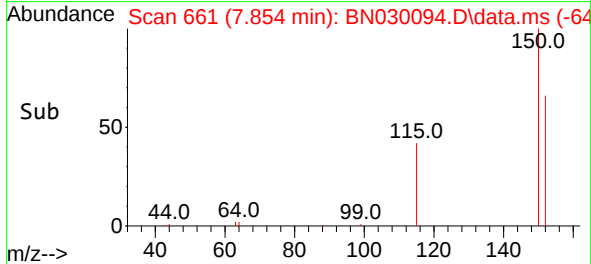
Instrument :
 BNA_N
 ClientSampleId :
 TT161S1-20240221MSD



Tgt Ion: 152 Resp: 336
 Ion Ratio Lower Upper
 152 100
 150 154.9 123.0 184.4
 115 67.9 51.4 77.0

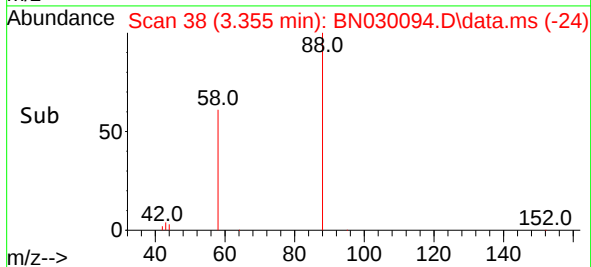
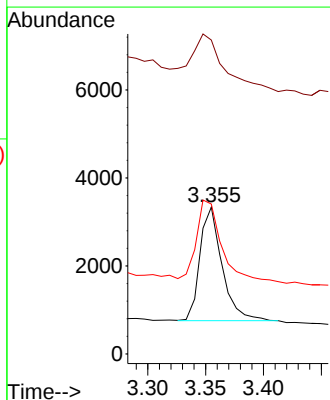
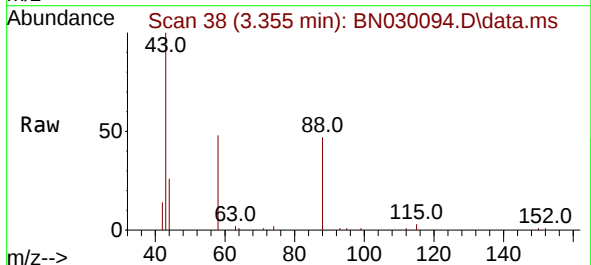
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#2
 1,4-Dioxane
 Concen: 0.723 ng
 RT: 3.355 min Scan# 38
 Delta R.T. 0.000 min
 Lab File: BN030094.D
 Acq: 27 Feb 2024 16:32

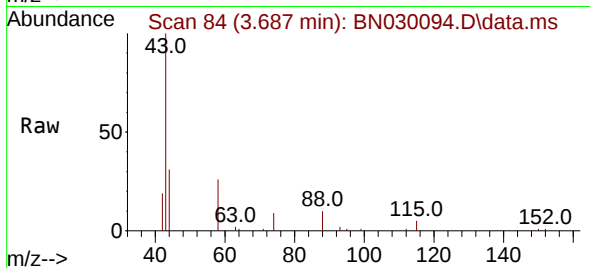
Tgt Ion: 88 Resp: 3426
 Ion Ratio Lower Upper
 88 100
 43 83.2 23.3 34.9#
 58 81.2 53.8 80.6#





#3
n-Nitrosodimethylamine
Concen: 0.198 ng
RT: 3.687 min Scan# 84
Delta R.T. 0.000 min
Lab File: BN030094.D
Acq: 27 Feb 2024 16:32

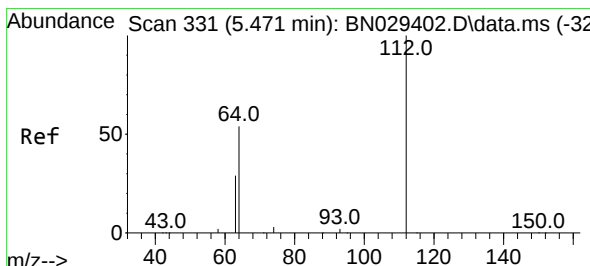
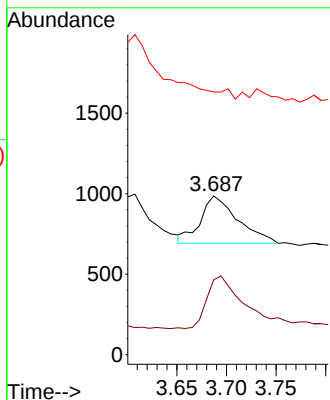
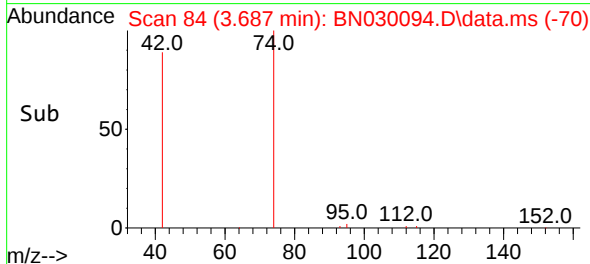
Instrument :
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ClientSampleId :
TT161S1-20240221MSD



Tgt Ion: 42 Resp: 760
Ion Ratio Lower Upper
42 100
74 113.4 93.7 140.5
44 0.0 13.0 19.4

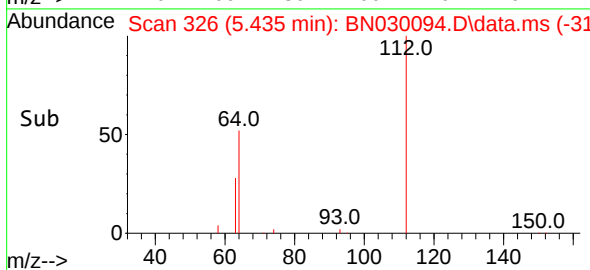
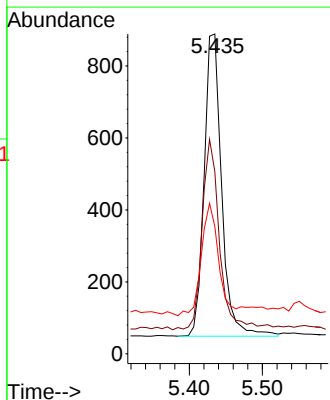
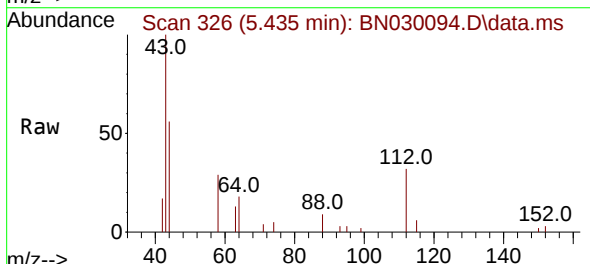
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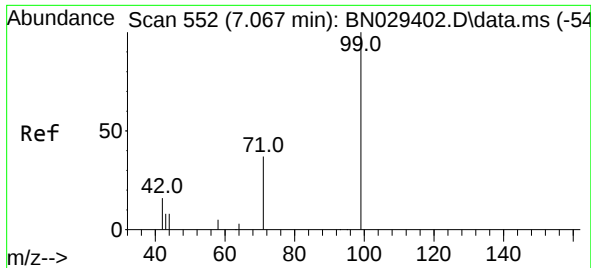
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#4
2-Fluorophenol
Concen: 0.173 ng
RT: 5.435 min Scan# 326
Delta R.T. 0.007 min
Lab File: BN030094.D
Acq: 27 Feb 2024 16:32

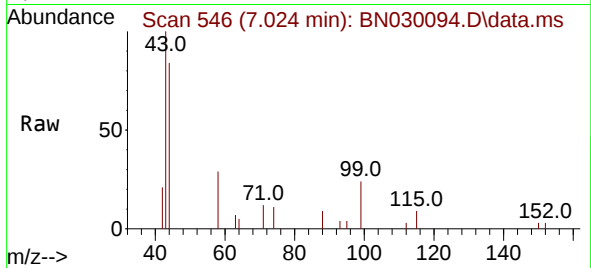
Tgt Ion:112 Resp: 1401
Ion Ratio Lower Upper
112 100
64 63.9 47.2 70.8
63 36.2 25.8 38.6





#5
Phenol-d6
Concen: 0.094 ng
RT: 7.024 min Scan# 546
Delta R.T. 0.000 min
Lab File: BN030094.D
Acq: 27 Feb 2024 16:32

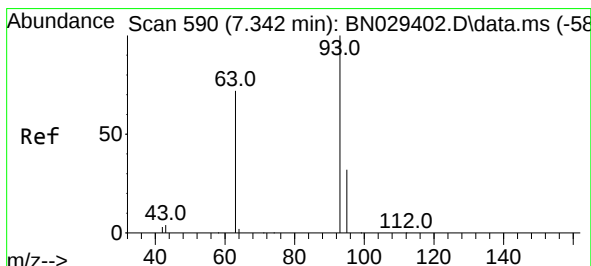
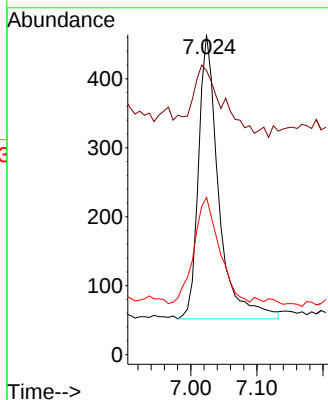
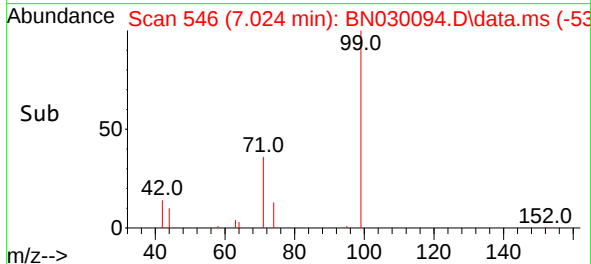
Instrument :
BNA_N
ClientSampleId :
TT161S1-20240221MSD



Tgt Ion: 99 Resp: 874
Ion Ratio Lower Upper
99 100
42 29.2 16.9 25.3
71 47.3 30.0 45.0

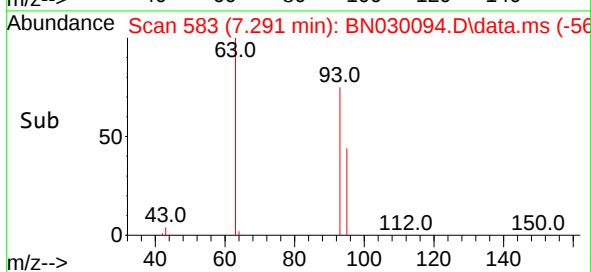
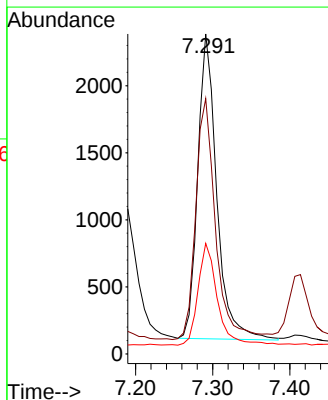
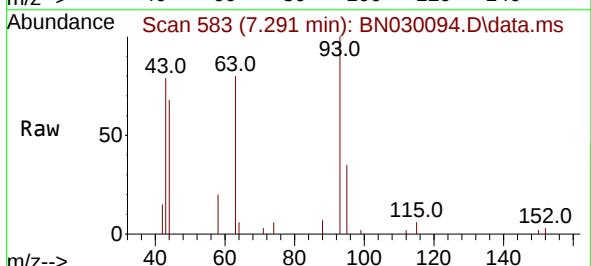
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#6
bis(2-Chloroethyl)ether
Concen: 0.437 ng
RT: 7.291 min Scan# 583
Delta R.T. 0.000 min
Lab File: BN030094.D
Acq: 27 Feb 2024 16:32

Tgt Ion: 93 Resp: 3885
Ion Ratio Lower Upper
93 100
63 82.2 63.1 94.7
95 33.5 27.1 40.7





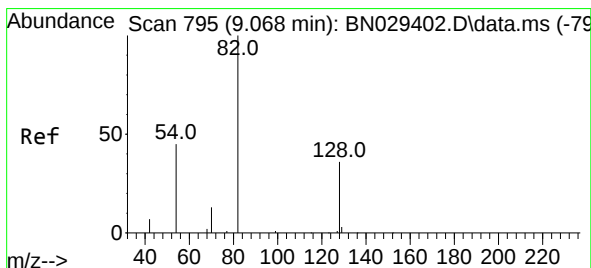
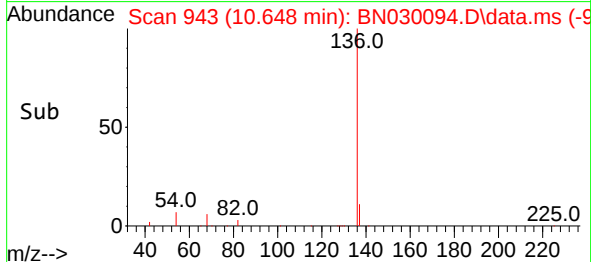
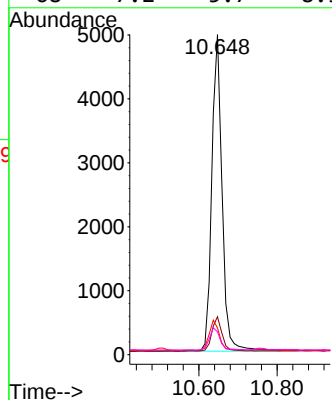
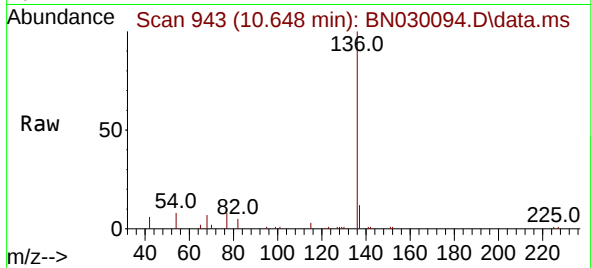
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN030094.D
Acq: 27 Feb 2024 16:32

Instrument :
BNA_N
ClientSampleId :
TT161S1-20240221MSD

Tgt Ion:136	Resp:	905
Ion Ratio	Lower	Upper
136	100	
137	11.9	9.7 14.5
54	8.4	6.6 10.0
68	7.2	5.7 8.5

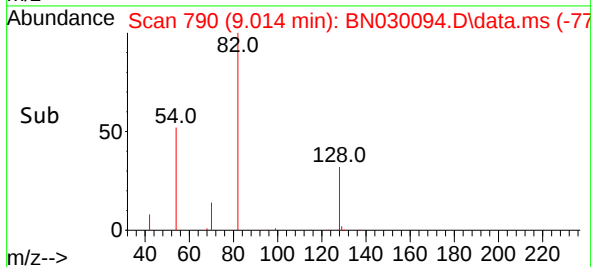
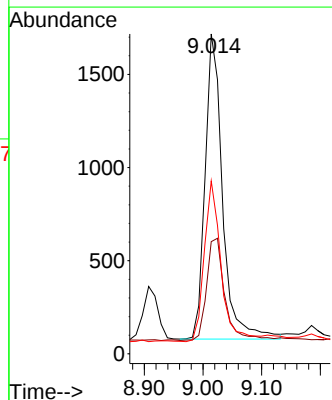
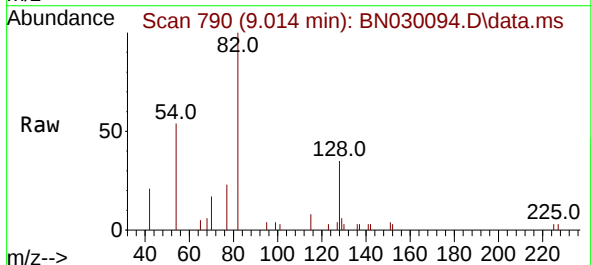
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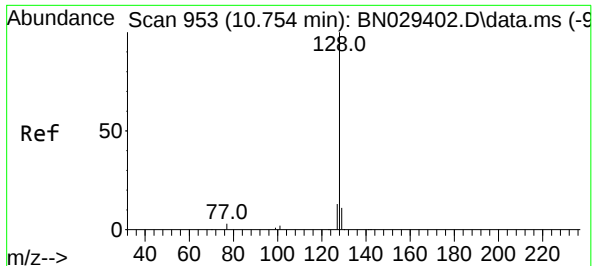
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#8
Nitrobenzene-d5
Concen: 0.451 ng
RT: 9.014 min Scan# 790
Delta R.T. 0.000 min
Lab File: BN030094.D
Acq: 27 Feb 2024 16:32

Tgt Ion: 82	Resp:	3400
Ion Ratio	Lower	Upper
82	100	
128	35.1	31.6 47.4
54	54.0	38.2 57.4





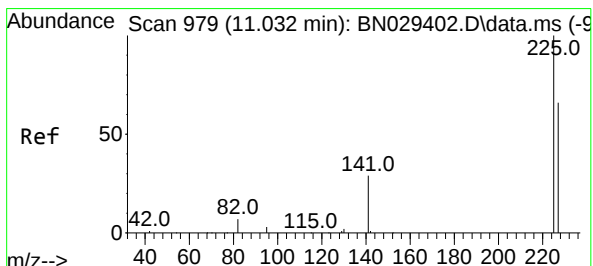
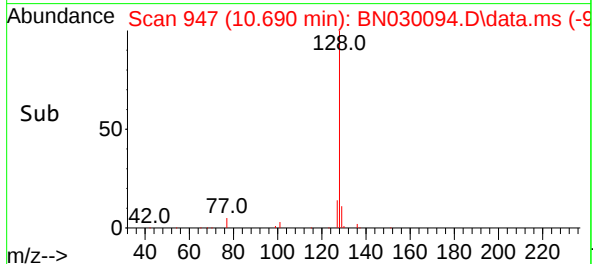
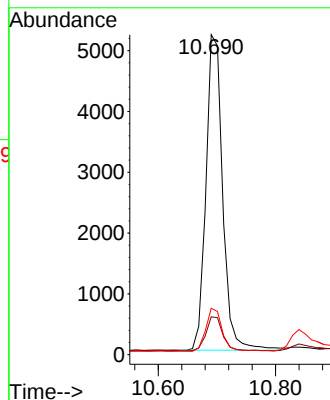
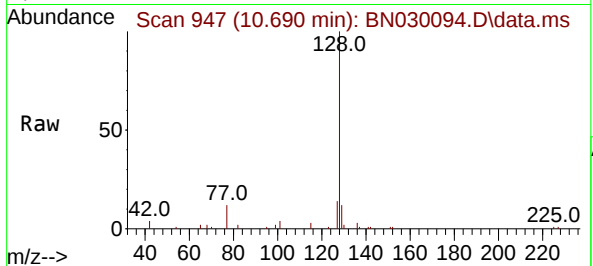
#9
Naphthalene
Concen: 0.399 ng
RT: 10.690 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN030094.D
Acq: 27 Feb 2024 16:32

Instrument :
BNA_N
ClientSampleId :
TT161S1-20240221MSD

Tgt Ion:128 Resp: 10294
Ion Ratio Lower Upper
128 100
129 11.9 9.5 14.3
127 14.5 10.8 16.2

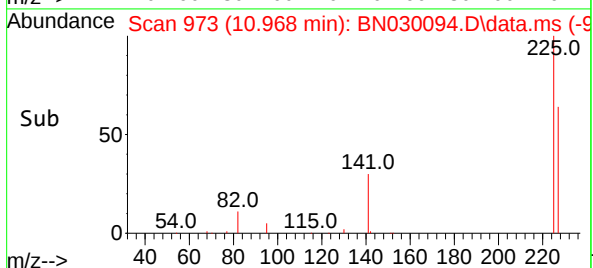
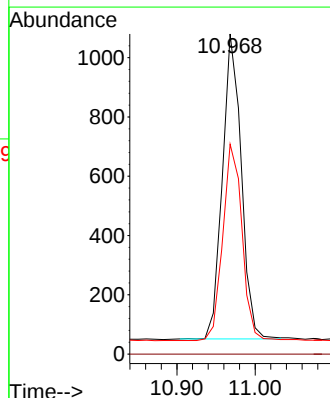
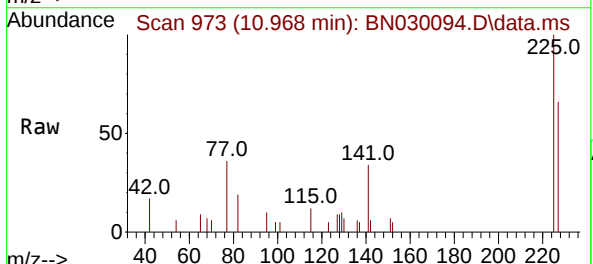
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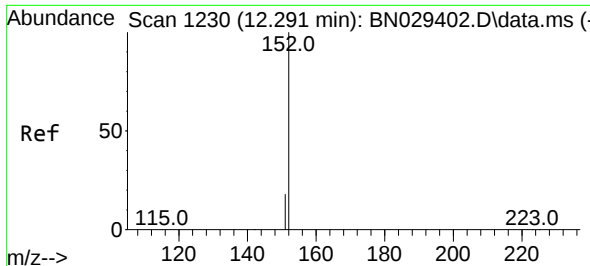
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#10
Hexachlorobutadiene
Concen: 0.352 ng
RT: 10.968 min Scan# 973
Delta R.T. -0.011 min
Lab File: BN030094.D
Acq: 27 Feb 2024 16:32

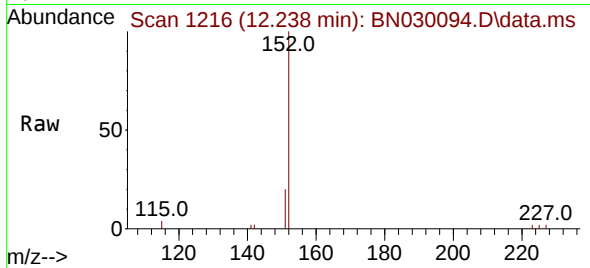
Tgt Ion:225 Resp: 1719
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 65.5 51.1 76.7





#11
2-Methylnaphthalene-d10
Concen: 0.477 ng
RT: 12.238 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN030094.D
Acq: 27 Feb 2024 16:32

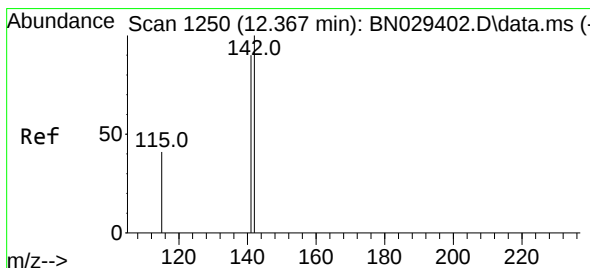
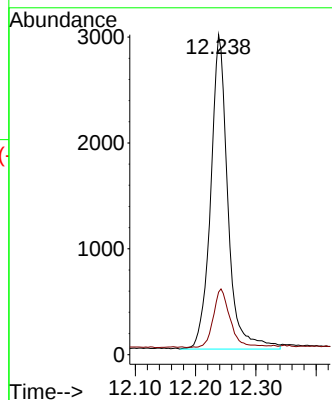
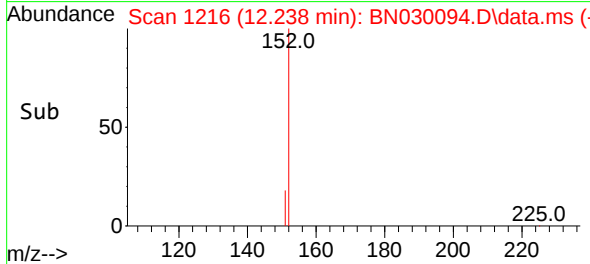
Instrument :
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TT161S1-20240221MSD



Tgt Ion:152 Resp: 588
Ion Ratio Lower Upper
152 100
151 18.3 17.1 25.7

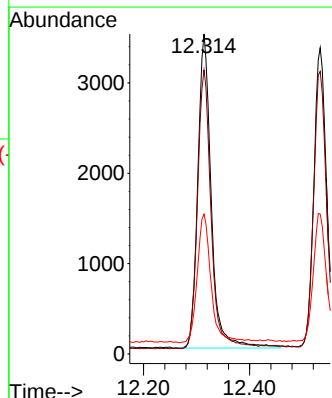
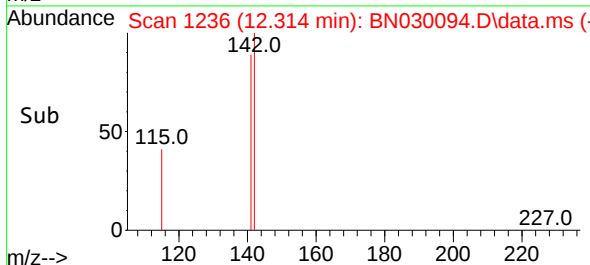
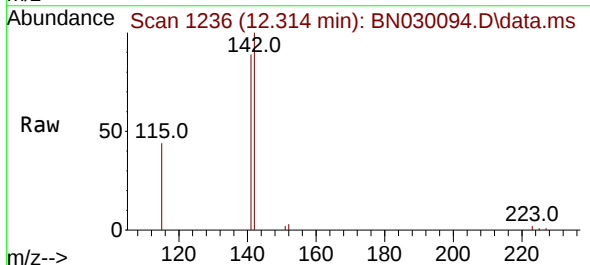
Manual Integrations
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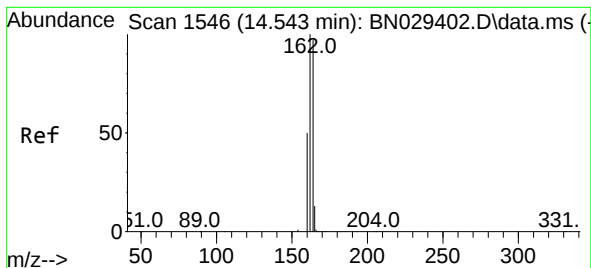
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#12
2-Methylnaphthalene
Concen: 0.407 ng
RT: 12.314 min Scan# 1236
Delta R.T. -0.004 min
Lab File: BN030094.D
Acq: 27 Feb 2024 16:32

Tgt Ion:142 Resp: 6161
Ion Ratio Lower Upper
142 100
141 88.7 71.9 107.9
115 43.7 33.9 50.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN030094.D

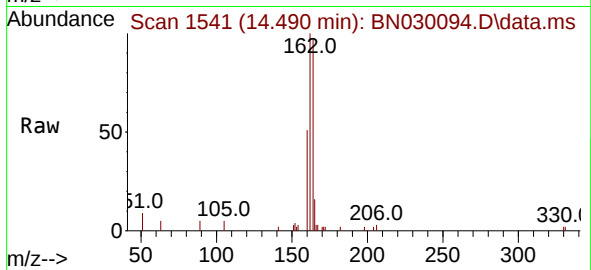
Acq: 27 Feb 2024 16:32

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:164 Resp: 393

Ion Ratio Lower Upper

164 100

162 103.3 82.6 123.8

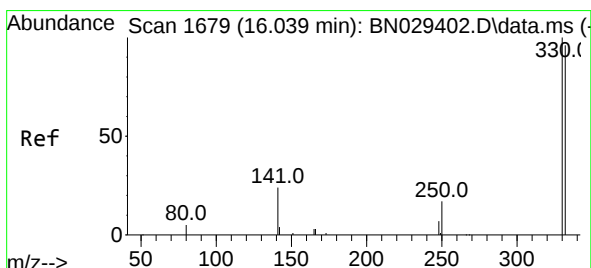
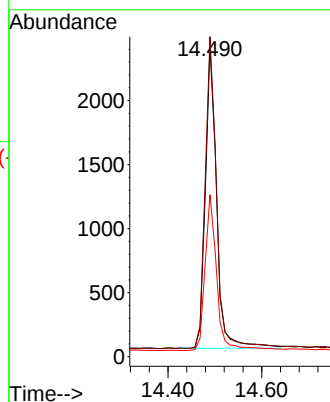
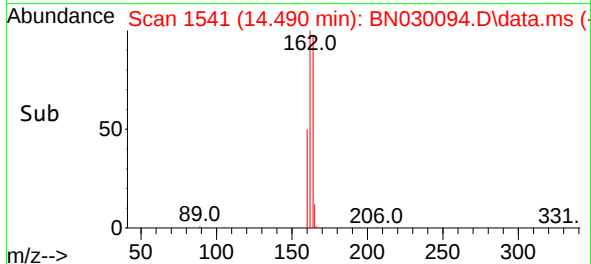
160 52.3 41.5 62.3

Manual Integrations

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Supervised By :mohammad ahmed 02/29/2024



#14

2,4,6-Tribromophenol

Concen: 0.450 ng

RT: 15.989 min Scan# 1675

Delta R.T. -0.012 min

Lab File: BN030094.D

Acq: 27 Feb 2024 16:32

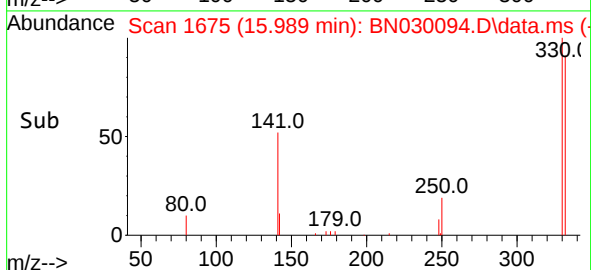
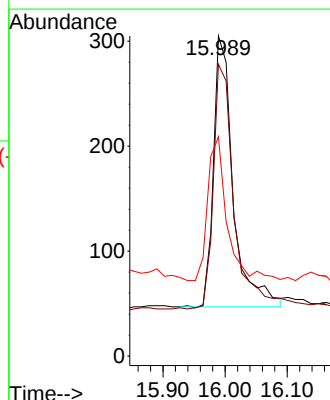
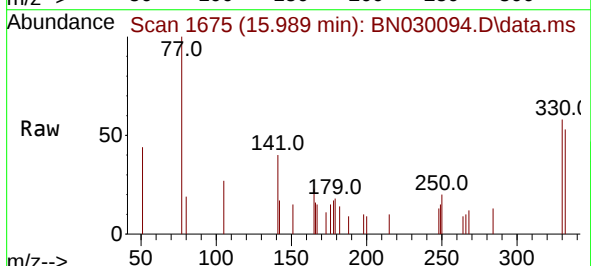
Tgt Ion:330 Resp: 568

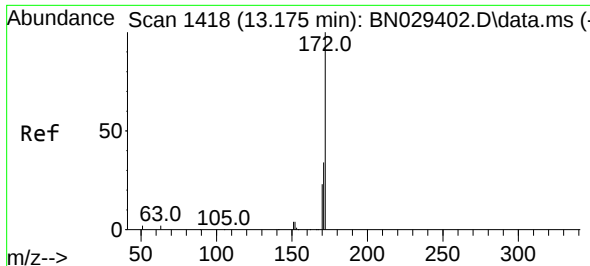
Ion Ratio Lower Upper

330 100

332 95.6 76.0 114.0

141 51.8 43.4 65.2





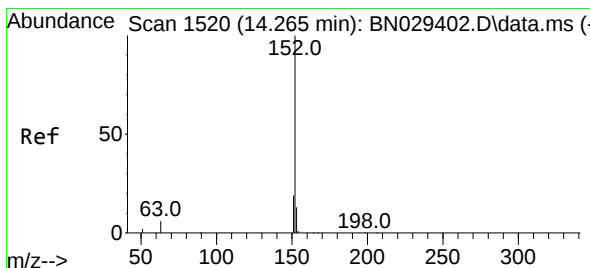
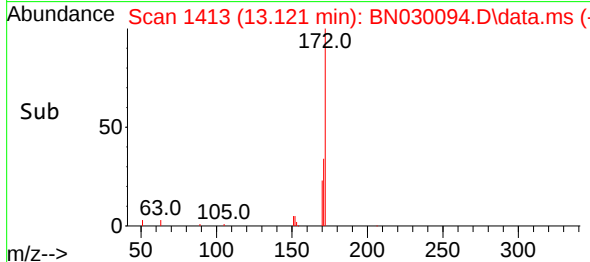
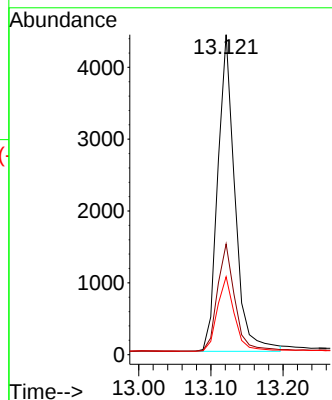
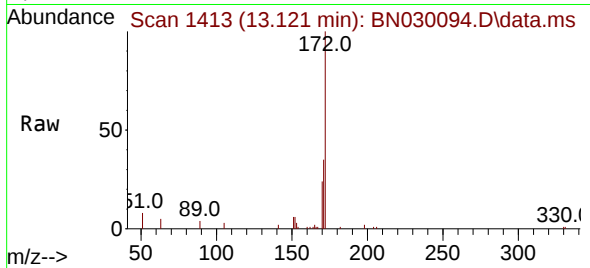
#15
2-Fluorobiphenyl
Concen: 0.431 ng
RT: 13.121 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BN030094.D
Acq: 27 Feb 2024 16:32

Instrument :
BNA_N
ClientSampleId :
TT161S1-20240221MSD

Tgt Ion:172 Resp: 7272
Ion Ratio Lower Upper
172 100
171 34.6 28.0 42.0
170 24.3 18.7 28.1

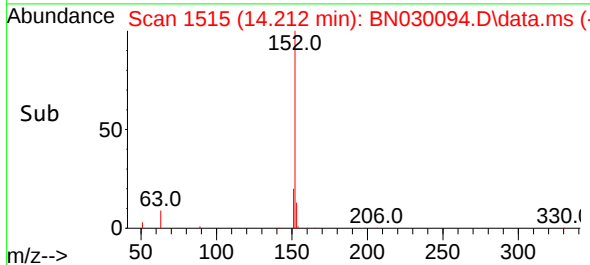
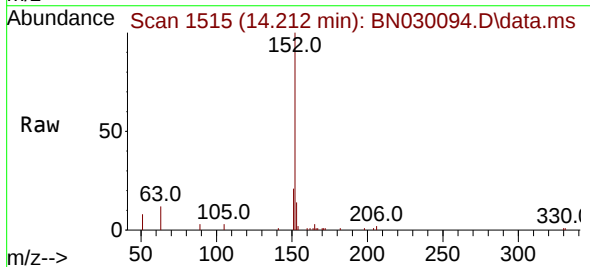
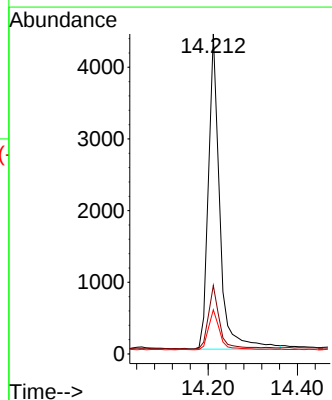
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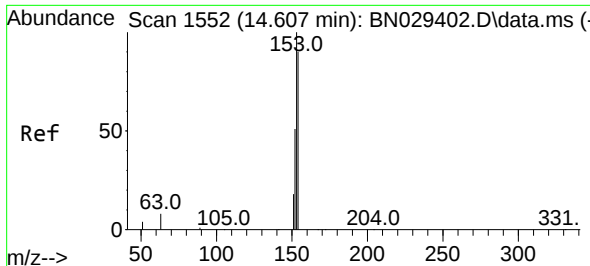
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#16
Acenaphthylene
Concen: 0.417 ng
RT: 14.212 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BN030094.D
Acq: 27 Feb 2024 16:32

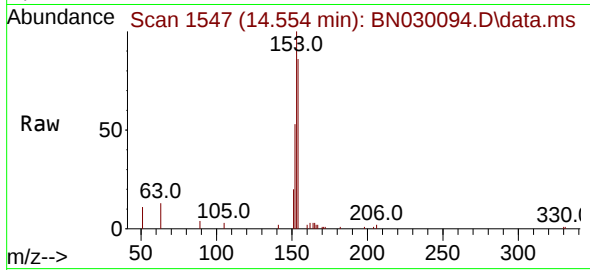
Tgt Ion:152 Resp: 7779
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 12.8 10.5 15.7





#17
Acenaphthene
Concen: 0.395 ng
RT: 14.554 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN030094.D
Acq: 27 Feb 2024 16:32

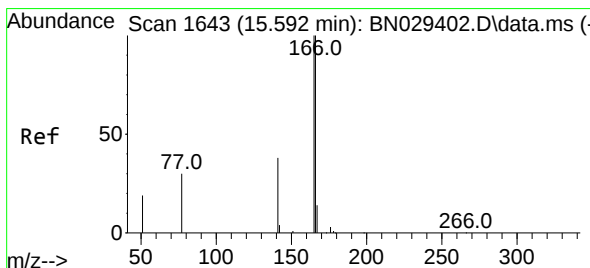
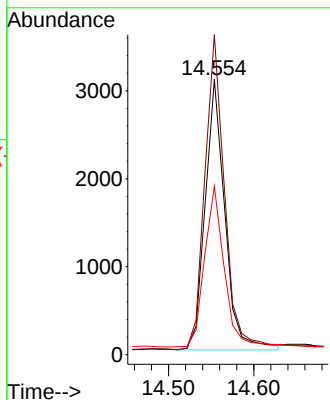
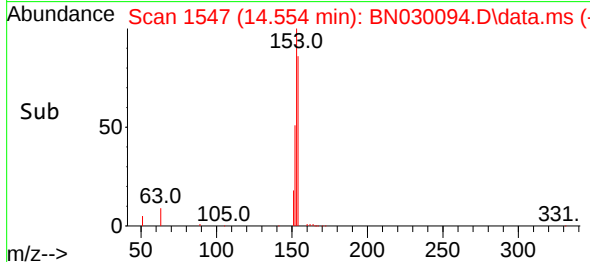
Instrument :
BNA_N
ClientSampleId :
TT161S1-20240221MSD



Tgt Ion:154 Resp: 4954
Ion Ratio Lower Upper
154 100
153 119.6 93.6 140.4
152 60.1 48.6 73.0

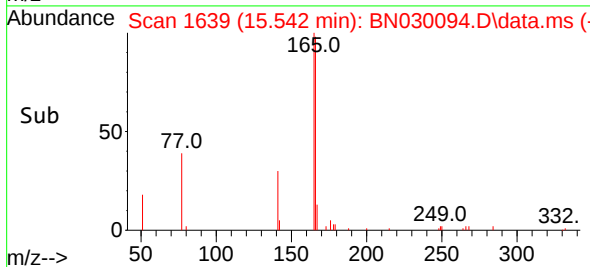
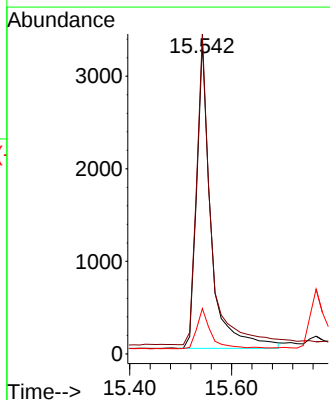
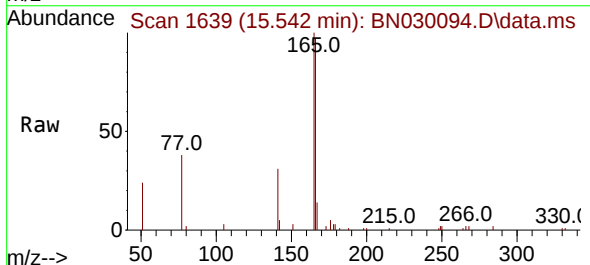
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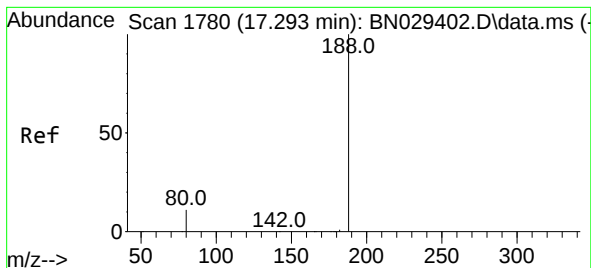
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#18
Fluorene
Concen: 0.409 ng
RT: 15.542 min Scan# 1639
Delta R.T. 0.000 min
Lab File: BN030094.D
Acq: 27 Feb 2024 16:32

Tgt Ion:166 Resp: 6427
Ion Ratio Lower Upper
166 100
165 99.8 79.9 119.9
167 13.1 11.3 16.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.243 min Scan# 11

Delta R.T. -0.012 min

Lab File: BN030094.D

Acq: 27 Feb 2024 16:32

Instrument :

BNA_N

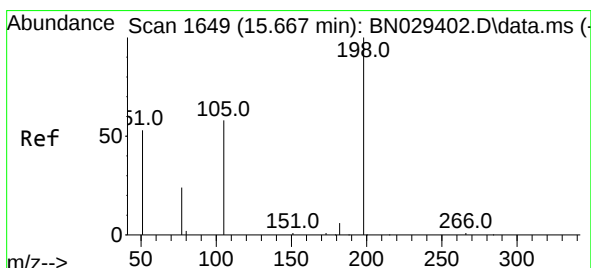
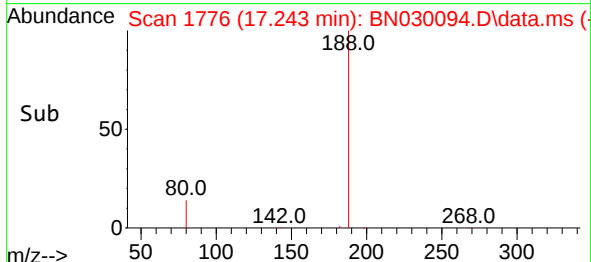
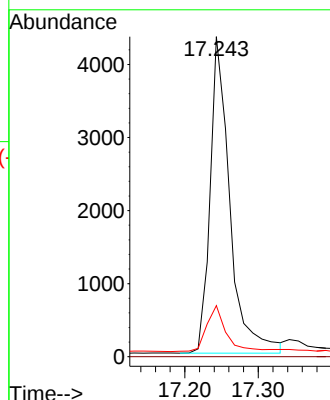
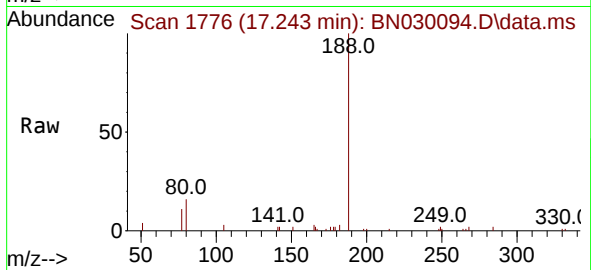
ClientSampleId :

TT161S1-20240221MSD

Tgt Ion:188 Resp: 8094
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 16.0 10.0 15.0

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Reviewed By :Jagrut Upadhyay 02/28/2024
 Supervised By :mohammad ahmed 02/29/2024



#20

4,6-Dinitro-2-methylphenol

Concen: 0.342 ng

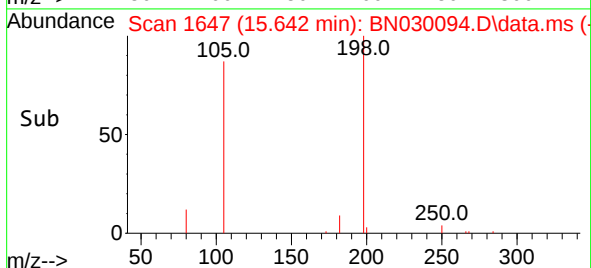
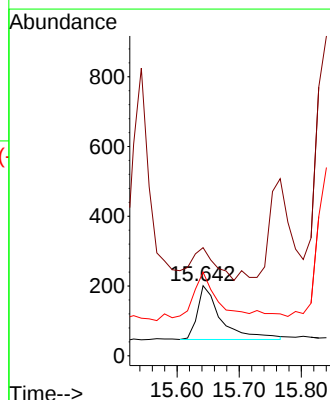
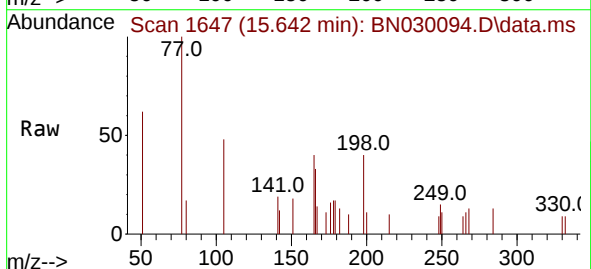
RT: 15.642 min Scan# 1647

Delta R.T. -0.012 min

Lab File: BN030094.D

Acq: 27 Feb 2024 16:32

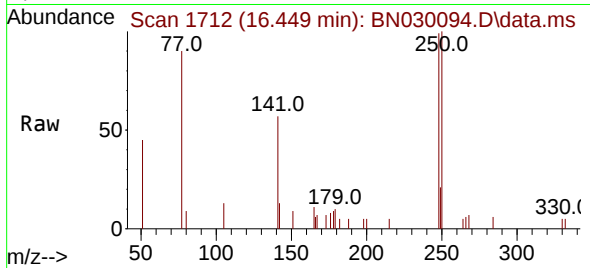
Tgt Ion:198 Resp: 407
 Ion Ratio Lower Upper
 198 100
 51 154.2 111.0 166.6
 105 119.4 67.0 100.6





#21
4-Bromophenyl-phenylether
Concen: 0.385 ng/ml
RT: 16.449 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BN030094.D
Acq: 27 Feb 2024 16:32

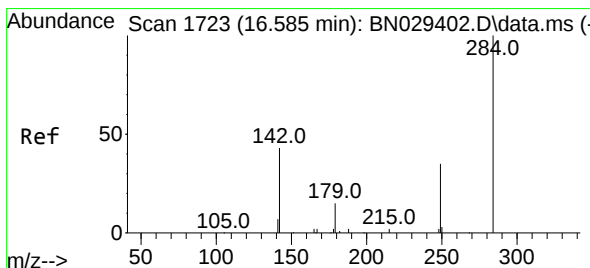
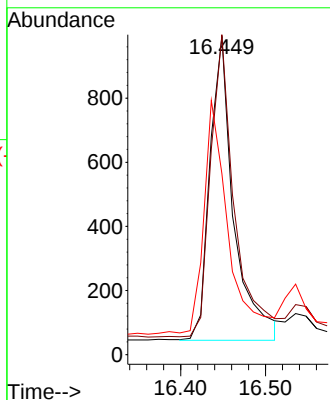
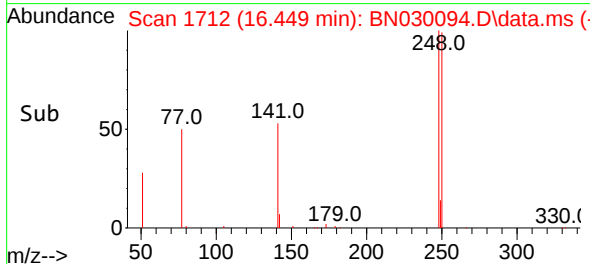
Instrument :
BNA_N
ClientSampleId :
TT161S1-20240221MSD



Tgt Ion: 248 Resp: 1854
Ion Ratio Lower Upper
248 100
250 100.5 75.0 112.4
141 56.9 77.0 115.6

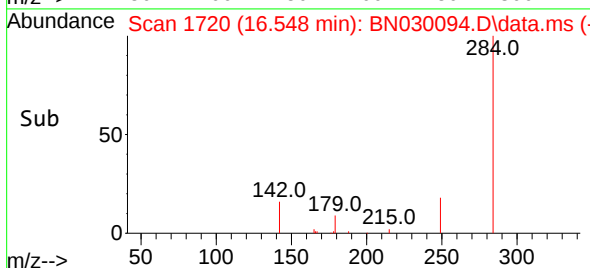
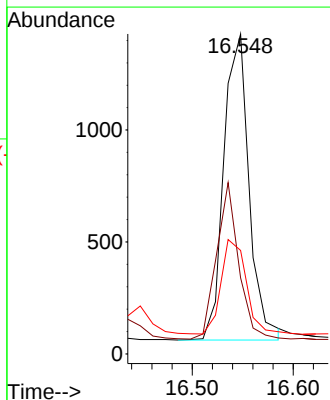
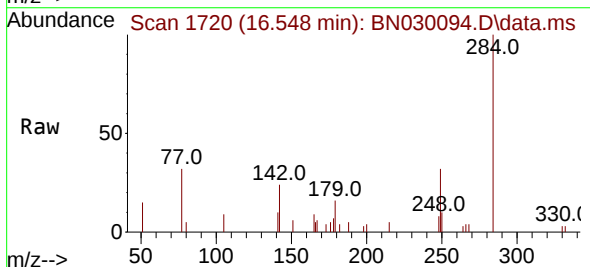
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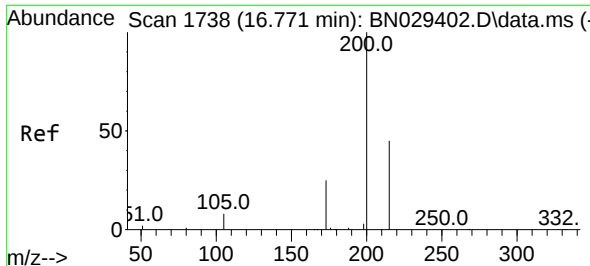
Reviewed By : Jagrut Upadhyay 02/28/2024
Supervised By : mohammad ahmed 02/29/2024



#22
Hexachlorobenzene
Concen: 0.402 ng/ml
RT: 16.548 min Scan# 1720
Delta R.T. 0.000 min
Lab File: BN030094.D
Acq: 27 Feb 2024 16:32

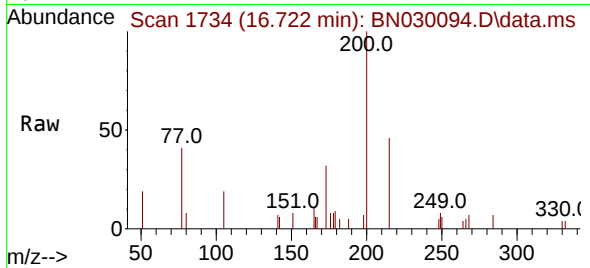
Tgt Ion: 284 Resp: 2377
Ion Ratio Lower Upper
284 100
142 44.5 39.4 59.2
249 30.5 26.9 40.3





#23
Atrazine
Concen: 0.496 ng
RT: 16.722 min Scan# 1734
Delta R.T. -0.012 min
Lab File: BN030094.D
Acq: 27 Feb 2024 16:32

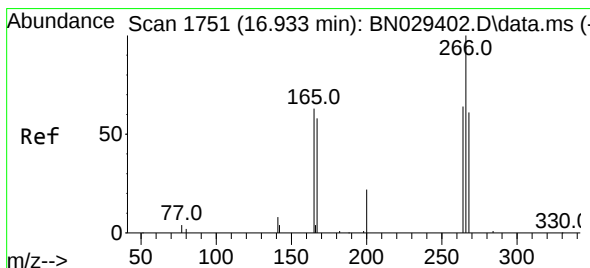
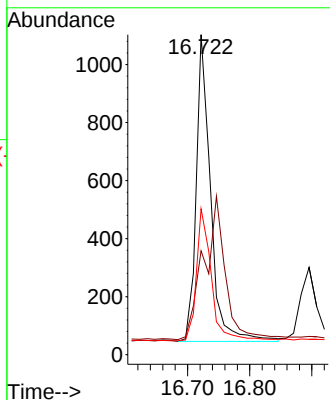
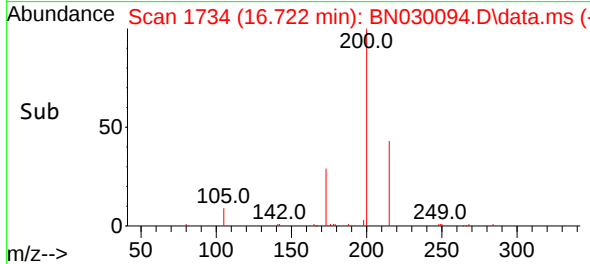
Instrument :
BNA_N
ClientSampleId :
TT161S1-20240221MSD



Tgt Ion:200 Resp: 1698
Ion Ratio Lower Upper
200 100
173 32.5 23.4 35.0
215 45.6 38.4 57.6

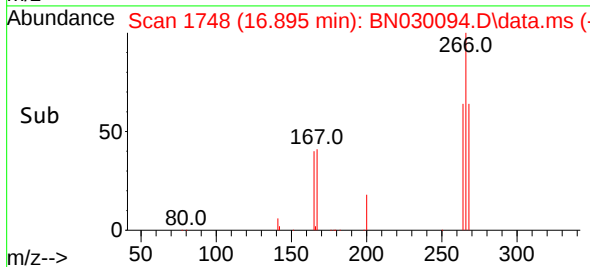
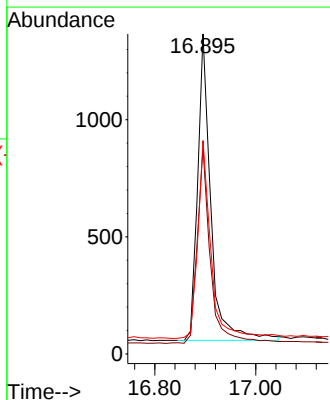
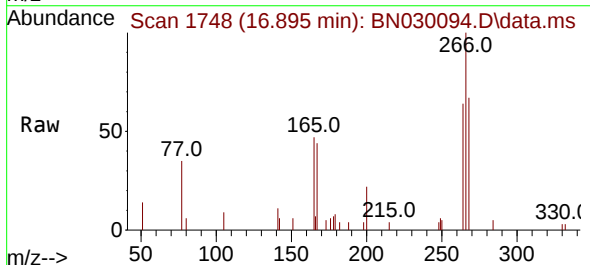
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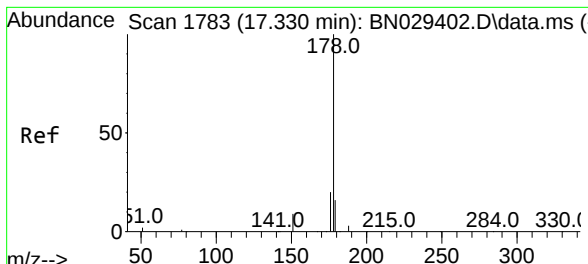
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#24
Pentachlorophenol
Concen: 1.268 ng
RT: 16.895 min Scan# 1748
Delta R.T. -0.012 min
Lab File: BN030094.D
Acq: 27 Feb 2024 16:32

Tgt Ion:266 Resp: 2374
Ion Ratio Lower Upper
266 100
264 64.2 50.8 76.2
268 65.2 51.5 77.3





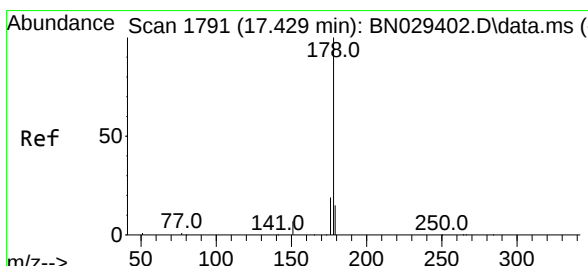
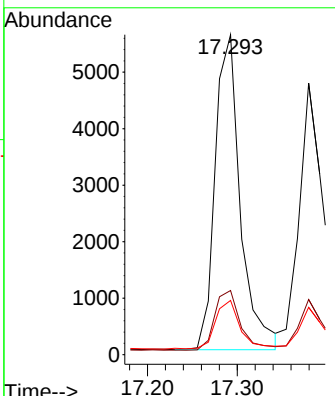
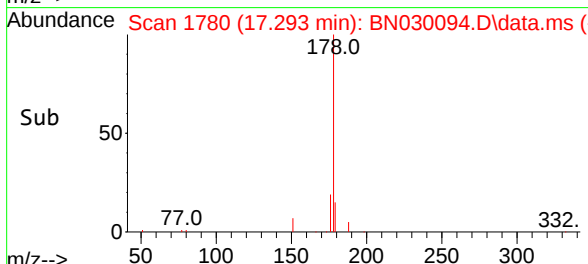
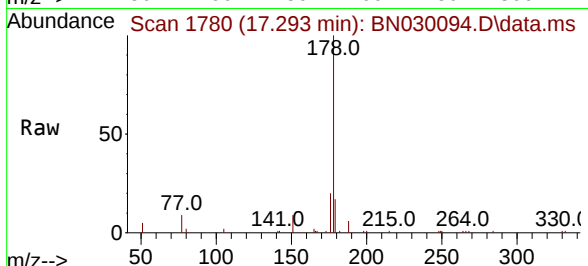
#25
 Phenanthrene
 Concen: 0.456 ng
 RT: 17.293 min Scan# 1780
 Delta R.T. 0.000 min
 Lab File: BN030094.D
 Acq: 27 Feb 2024 16:32

Instrument : BNA_N
 ClientSampleId : TT161S1-20240221MSD

Tgt Ion:	178	Resp:	10900
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.8	23.6
179	15.5	12.6	19.0

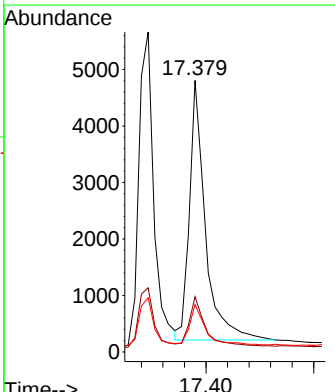
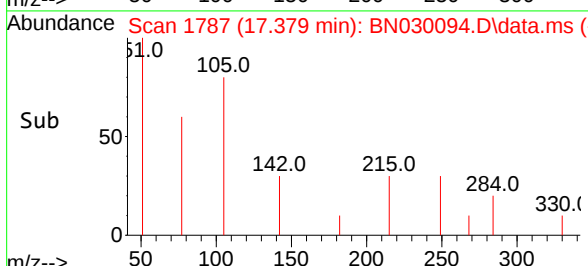
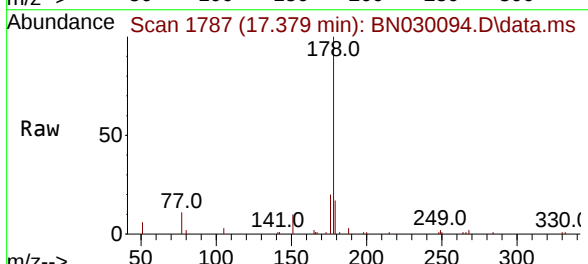
Manual Integrations
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Reviewed By :Jagrut Upadhyay 02/28/2024
 Supervised By :mohammad ahmed 02/29/2024



#26
 Anthracene
 Concen: 0.463 ng
 RT: 17.379 min Scan# 1787
 Delta R.T. -0.012 min
 Lab File: BN030094.D
 Acq: 27 Feb 2024 16:32

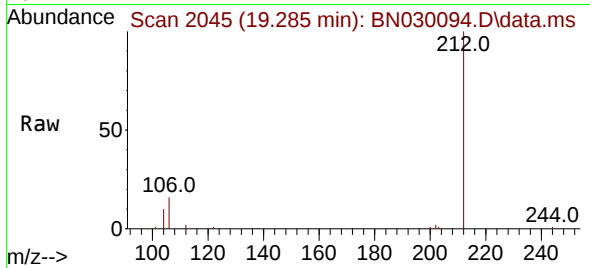
Tgt Ion:	178	Resp:	9442
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.0	22.4
179	15.1	12.3	18.5





#27
Fluoranthene-d10
Concen: 0.546 ng
RT: 19.285 min Scan# 2045
Delta R.T. -0.005 min
Lab File: BN030094.D
Acq: 27 Feb 2024 16:32

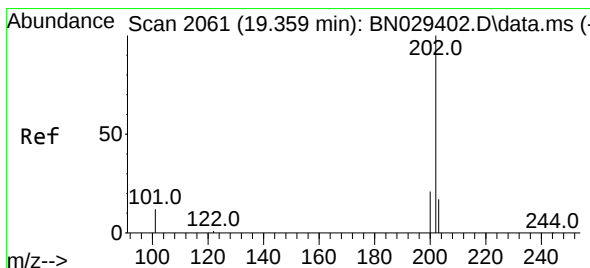
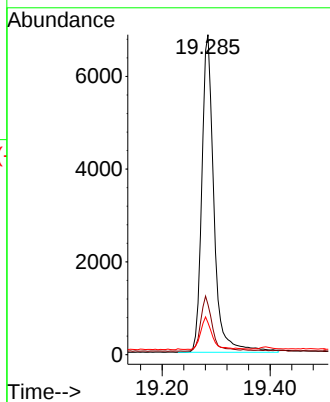
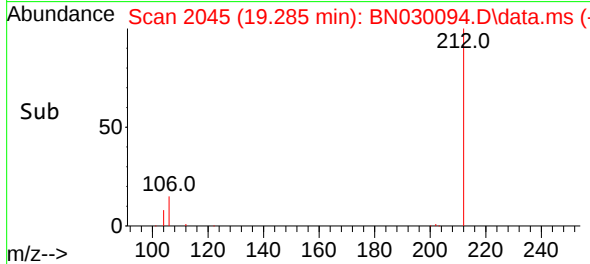
Instrument :
BNA_N
ClientSampleId :
TT161S1-20240221MSD



Tgt Ion:212 Resp: 1069
Ion Ratio Lower Upper
212 100
106 16.3 13.2 19.8
104 9.2 7.7 11.5

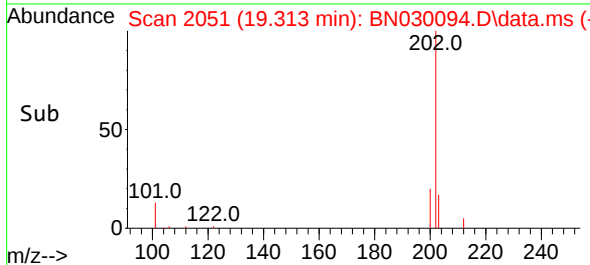
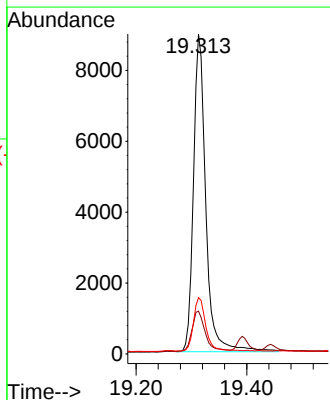
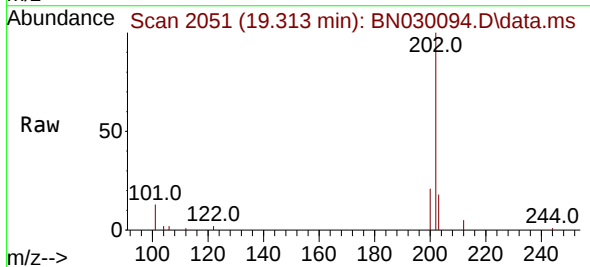
Manual Integrations
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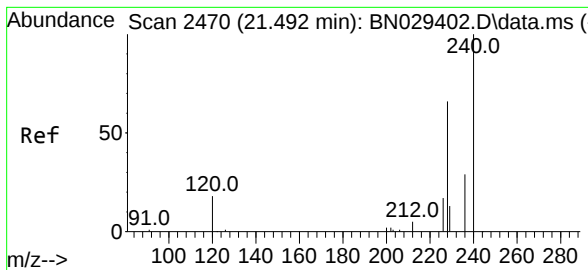
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#28
Fluoranthene
Concen: 0.516 ng
RT: 19.313 min Scan# 2051
Delta R.T. -0.005 min
Lab File: BN030094.D
Acq: 27 Feb 2024 16:32

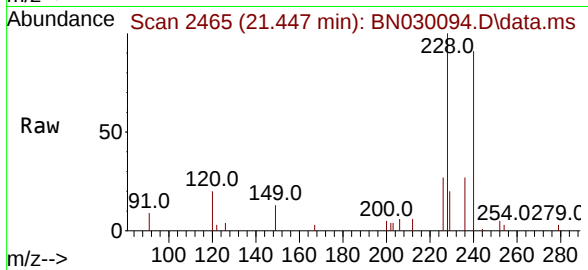
Tgt Ion:202 Resp: 13881
Ion Ratio Lower Upper
202 100
101 13.4 10.5 15.7
203 16.9 13.5 20.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.447 min Scan# 2465
Delta R.T. -0.009 min
Lab File: BN030094.D
Acq: 27 Feb 2024 16:32

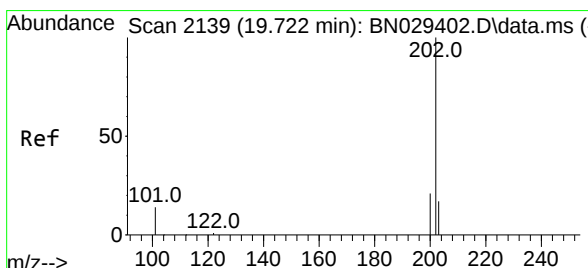
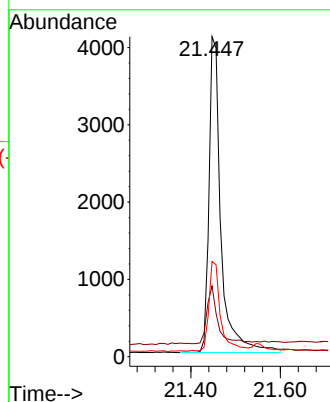
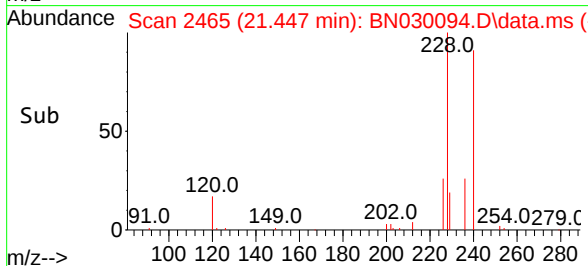
Instrument :
BNA_N
ClientSampleId :
TT161S1-20240221MSD



Tgt Ion:240 Resp: 758
Ion Ratio Lower Upper
240 100
120 22.1 16.7 25.1
236 29.7 23.9 35.9

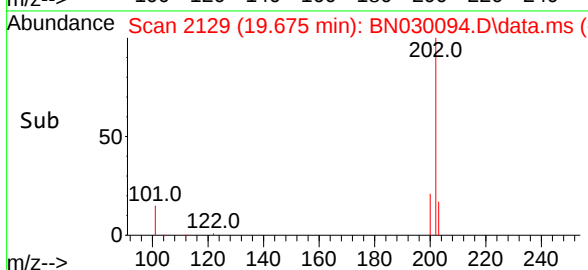
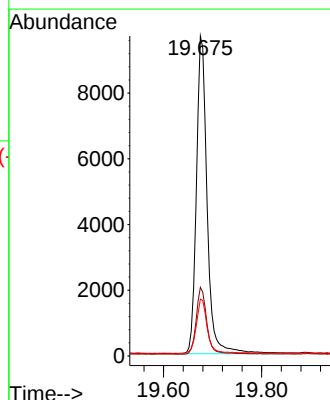
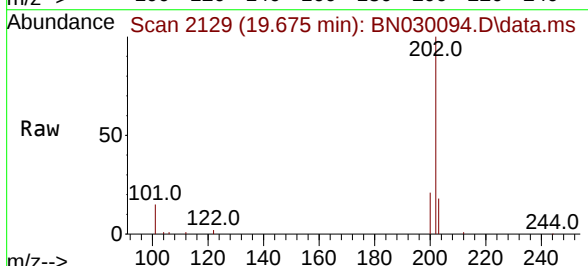
Manual Integrations
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Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#30
Pyrene
Concen: 0.421 ng
RT: 19.675 min Scan# 2129
Delta R.T. -0.009 min
Lab File: BN030094.D
Acq: 27 Feb 2024 16:32

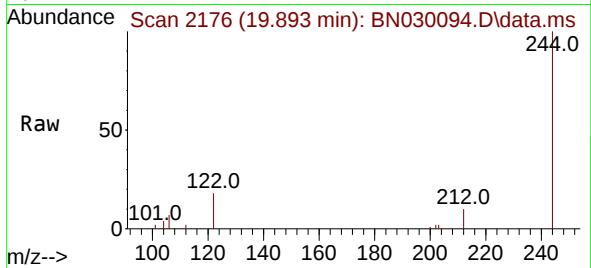
Tgt Ion:202 Resp: 14691
Ion Ratio Lower Upper
202 100
200 20.7 16.6 25.0
203 17.4 14.2 21.4





#31
 Terphenyl-d14
 Concen: 0.436 ng
 RT: 19.893 min Scan# 2185
 Delta R.T. -0.005 min
 Lab File: BN030094.D
 Acq: 27 Feb 2024 16:32

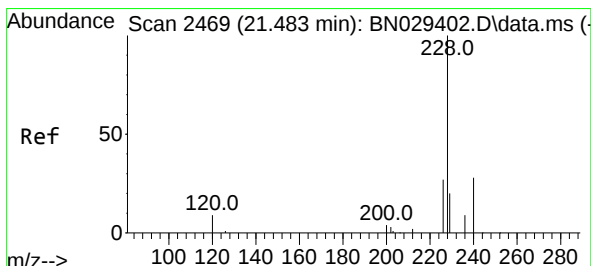
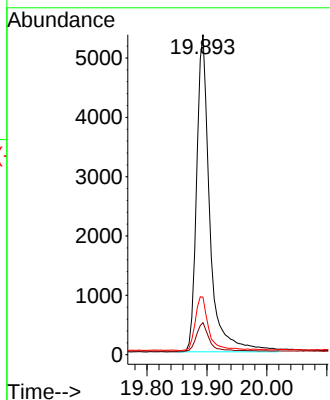
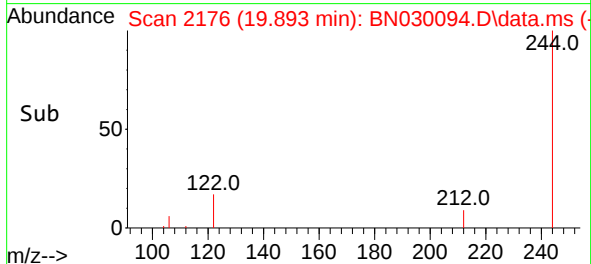
Instrument :
 BNA_N
 ClientSampleId :
 TT161S1-20240221MSD



Tgt Ion:244 Resp: 819
 Ion Ratio Lower Upper
 244 100
 212 10.0 8.2 12.4
 122 18.0 15.6 23.4

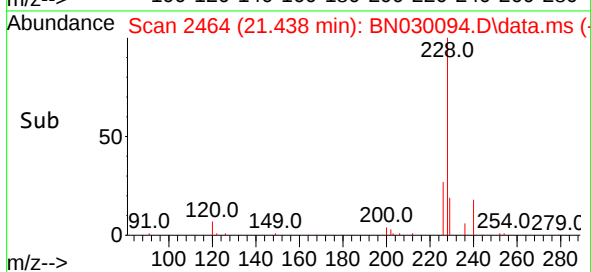
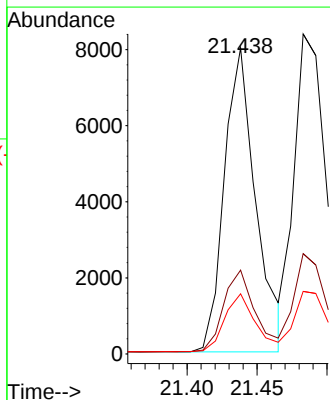
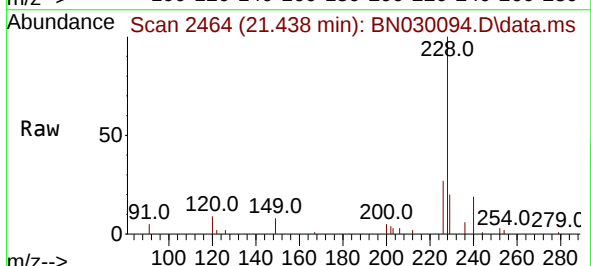
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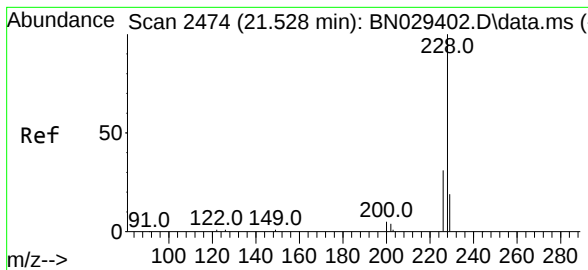
Reviewed By :Jagrut Upadhyay 02/28/2024
 Supervised By :mohammad ahmed 02/29/2024



#32
 Benzo(a)anthracene
 Concen: 0.484 ng
 RT: 21.438 min Scan# 2464
 Delta R.T. 0.000 min
 Lab File: BN030094.D
 Acq: 27 Feb 2024 16:32

Tgt Ion:228 Resp: 12536
 Ion Ratio Lower Upper
 228 100
 226 27.4 22.2 33.4
 229 19.7 16.5 24.7





#33

Chrysene

Concen: 0.483 ng

RT: 21.483 min Scan# 2469

Delta R.T. -0.009 min

Lab File: BN030094.D

Acq: 27 Feb 2024 16:32

Instrument :

BNA_N

ClientSampleId :

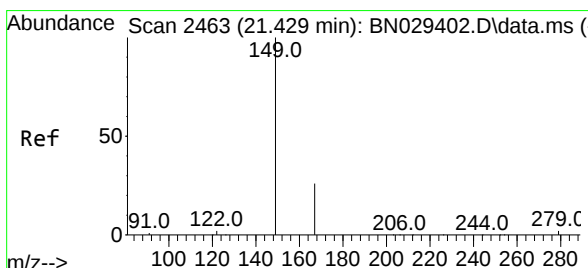
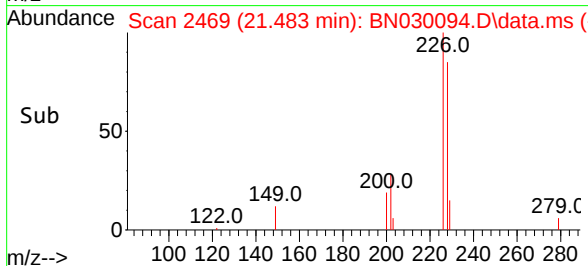
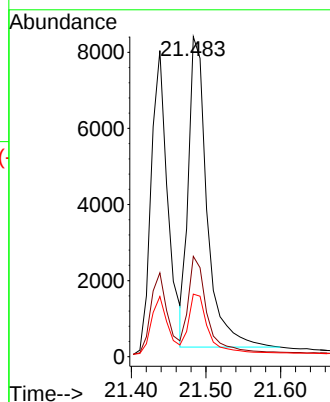
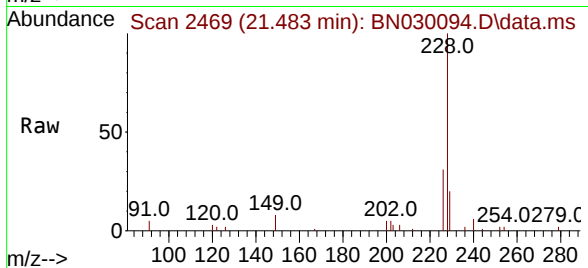
TT161S1-20240221MSD

Tgt Ion:	228	Resp:	14208
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.9	37.3
229	19.6	15.9	23.9

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Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.451 ng

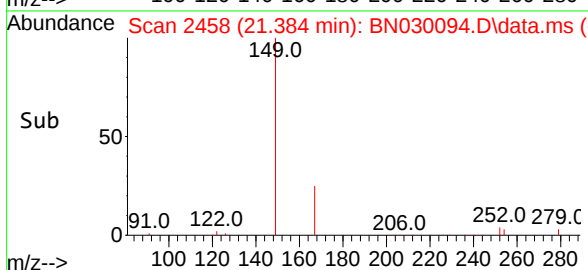
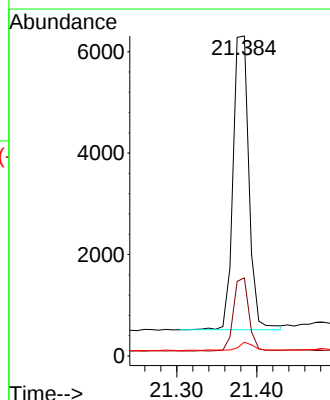
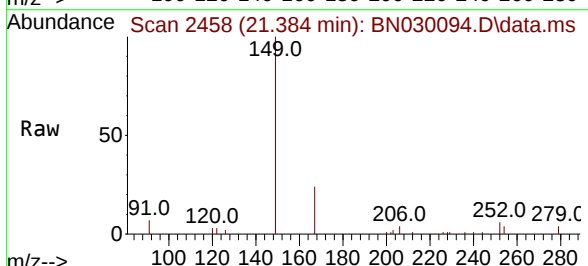
RT: 21.384 min Scan# 2458

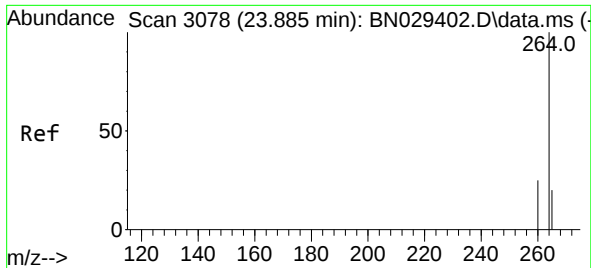
Delta R.T. 0.000 min

Lab File: BN030094.D

Acq: 27 Feb 2024 16:32

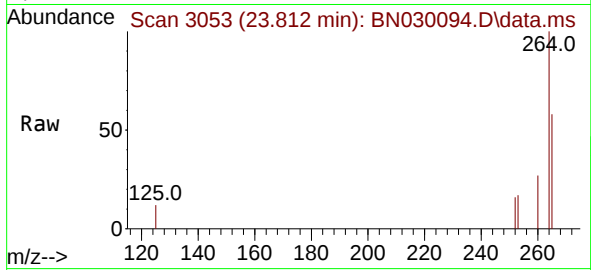
Tgt Ion:	149	Resp:	7961
Ion Ratio	Lower	Upper	
149	100		
167	24.2	20.1	30.1
279	3.3	2.5	3.7





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.812 min Scan# 3078
Delta R.T. -0.009 min
Lab File: BN030094.D
Acq: 27 Feb 2024 16:32

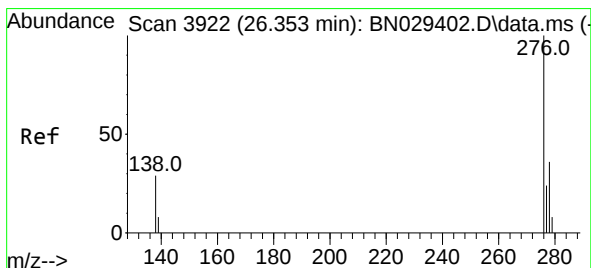
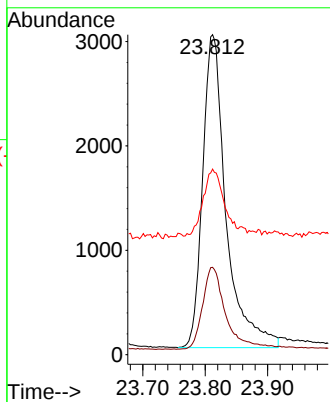
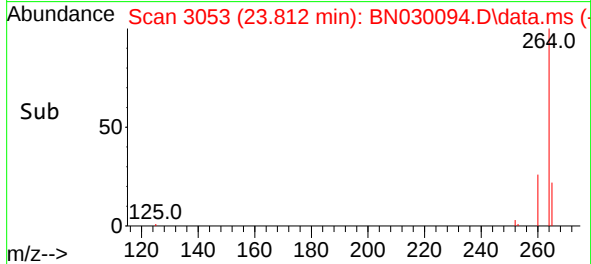
Instrument :
BNA_N
ClientSampleId :
TT161S1-20240221MSD



Tgt Ion:264 Resp: 7820
Ion Ratio Lower Upper
264 100
260 27.3 21.2 31.8
265 58.0 41.5 62.3

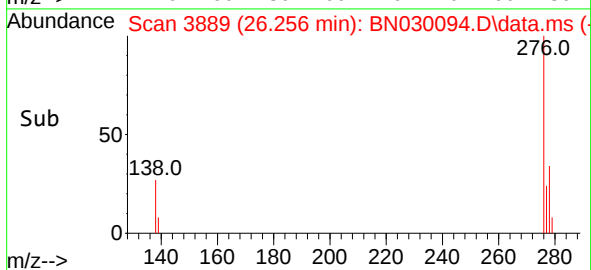
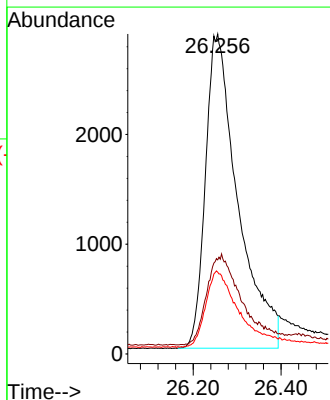
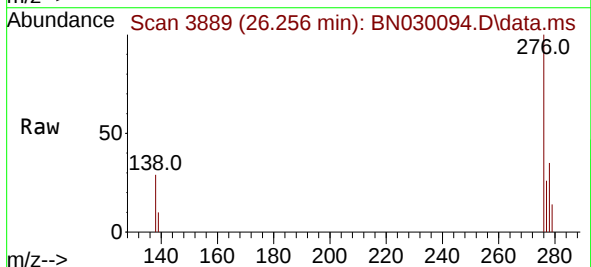
Manual Integrations
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Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.466 ng
RT: 26.256 min Scan# 3889
Delta R.T. -0.012 min
Lab File: BN030094.D
Acq: 27 Feb 2024 16:32

Tgt Ion:276 Resp: 14667
Ion Ratio Lower Upper
276 100
138 28.5 20.5 30.7
277 24.8 17.0 25.4





#37

Benzo(b)fluoranthene

Concen: 0.479 ng

RT: 23.093 min Scan# 2807

Delta R.T. -0.006 min

Lab File: BN030094.D

Acq: 27 Feb 2024 16:32

Instrument :

BNA_N

ClientSampleId :

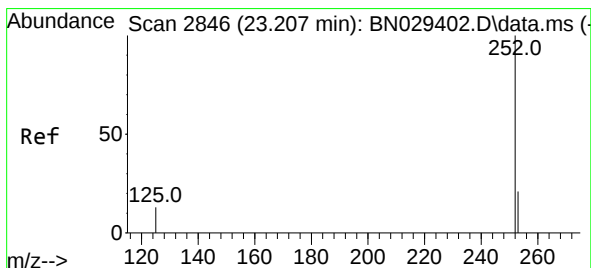
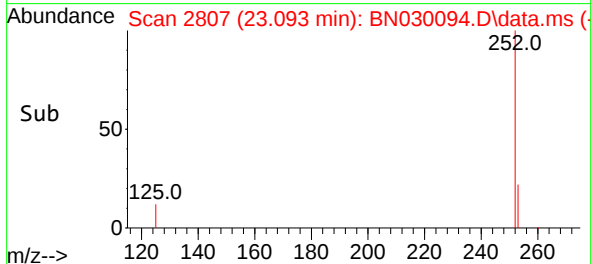
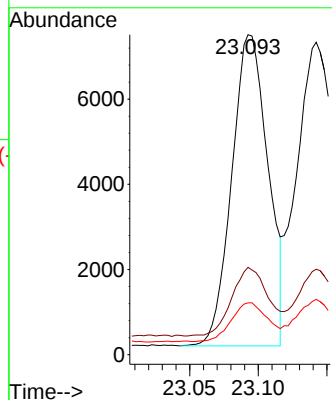
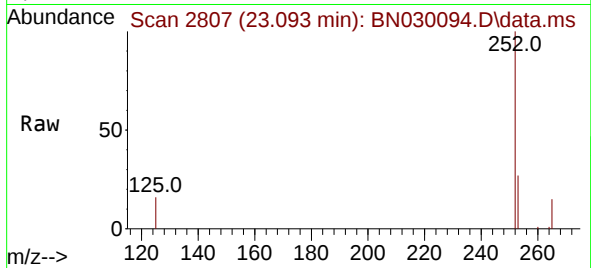
TT161S1-20240221MSD

Tgt Ion:	252	Resp:	1340
Ion Ratio	Lower	Upper	
252	100		
253	27.3	21.7	32.5
125	16.2	13.3	19.9

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Supervised By :mohammad ahmed 02/29/2024



#38

Benzo(k)fluoranthene

Concen: 0.486 ng

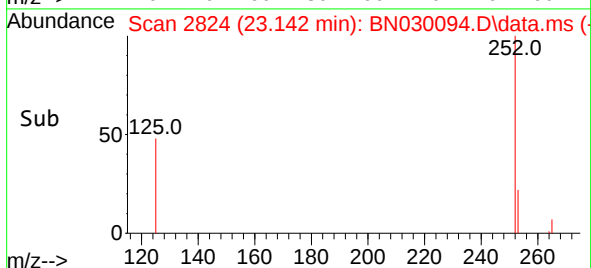
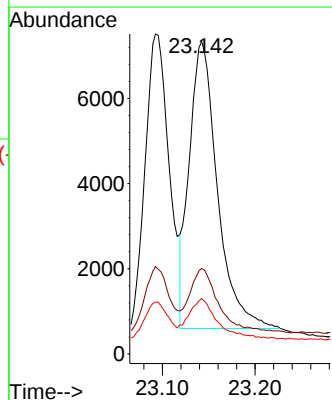
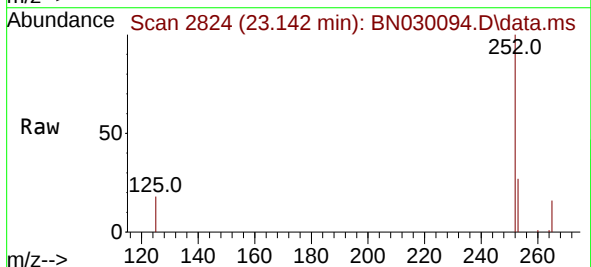
RT: 23.142 min Scan# 2824

Delta R.T. -0.006 min

Lab File: BN030094.D

Acq: 27 Feb 2024 16:32

Tgt Ion:	252	Resp:	14235
Ion Ratio	Lower	Upper	
252	100		
253	27.3	21.8	32.8
125	17.7	13.9	20.9





#39

Benzo(a)pyrene

Concen: 0.507 ng

RT: 23.709 min Scan# 3041

Delta R.T. -0.006 min

Lab File: BN030094.D

Acq: 27 Feb 2024 16:32

Instrument :

BN030094.D

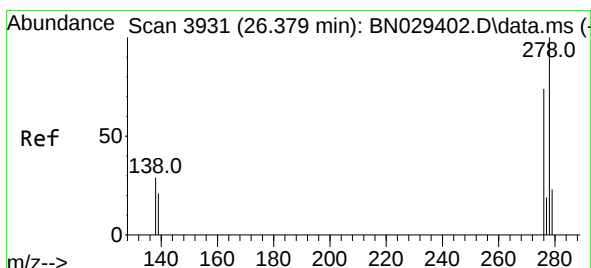
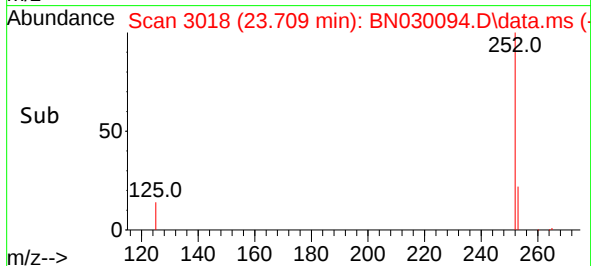
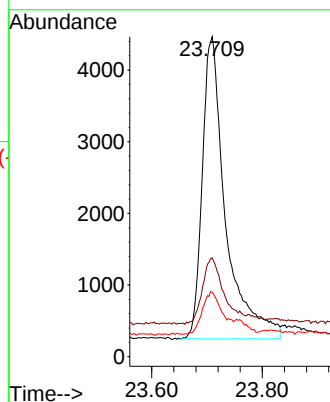
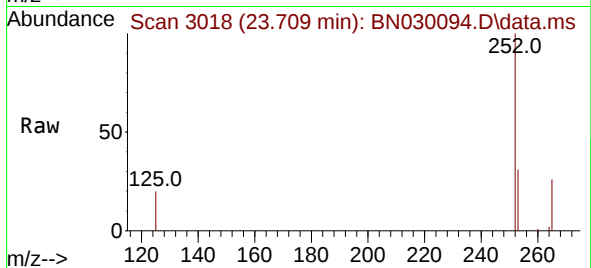
ClientSampleId :

TT161S1-20240221MSD

Tgt Ion:	252	Resp:	1235
Ion Ratio	Lower	Upper	
252	100		
253	30.9	24.9	37.3
125	20.1	16.6	25.0

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Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#40

Dibenzo(a,h)anthracene

Concen: 0.461 ng

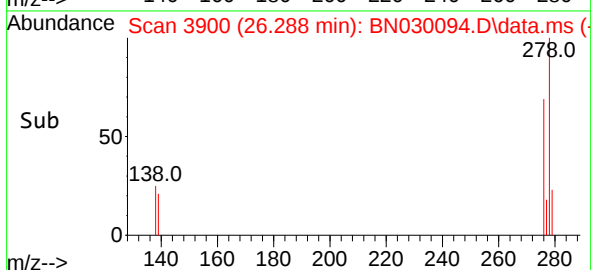
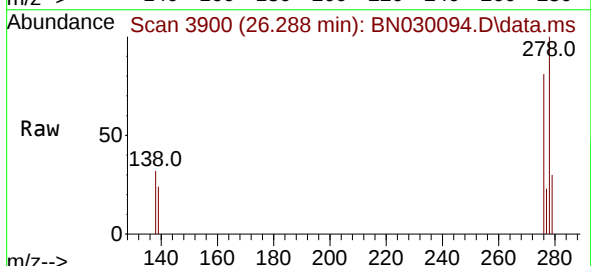
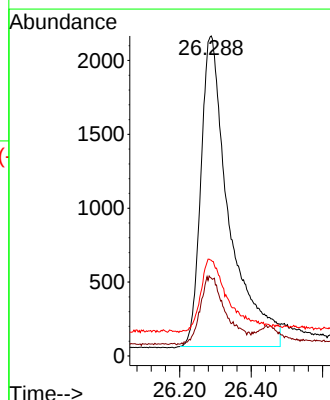
RT: 26.288 min Scan# 3900

Delta R.T. -0.015 min

Lab File: BN030094.D

Acq: 27 Feb 2024 16:32

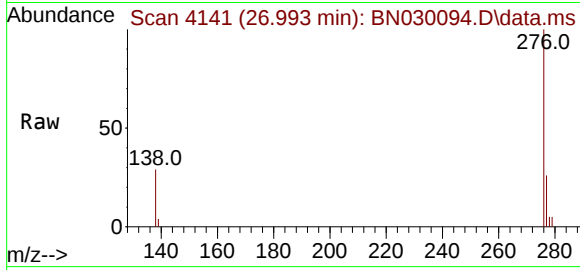
Tgt Ion:	278	Resp:	11544
Ion Ratio	Lower	Upper	
278	100		
139	24.3	20.4	30.6
279	29.9	25.0	37.6





#41
Benzo(g,h,i)perylene
Concen: 0.431 ng
RT: 26.993 min Scan# 41
Delta R.T. -0.015 min
Lab File: BN030094.D
Acq: 27 Feb 2024 16:32

Instrument :
BNA_N
ClientSampleId :
TT161S1-20240221MSD



Tgt Ion: 276 Resp: 1315
Ion Ratio Lower Upper
276 100
277 25.5 19.4 29.2
138 29.1 23.5 35.3

Manual Integrations
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Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024

