

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070824\
 Data File : BN032554.D
 Acq On : 08 Jul 2024 16:44
 Operator : MA/JU
 Sample : PB161896BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB161896BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/09/2024

Quant Time: Jul 08 17:11:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 08 15:11:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.588	152	4465m	0.400	ng	0.00
7) Naphthalene-d8	10.368	136	13062	0.400	ng	# 0.01
13) Acenaphthene-d10	14.231	164	9394	0.400	ng	0.01
19) Phenanthrene-d10	17.004	188	20224	0.400	ng	# 0.01
29) Chrysene-d12	21.211	240	16468	0.400	ng	# 0.00
35) Perylene-d12	23.432	264	17111	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.212	112	4190m	0.330	ng	0.01
5) Phenol-d6	6.808	99	4721m	0.284	ng	0.02
8) Nitrobenzene-d5	8.788	82	3725m	0.343	ng	0.04
11) 2-Methylnaphthalene-d10	11.979	152	6719	0.323	ng	0.02
14) 2,4,6-Tribromophenol	15.763	330	1464	0.325	ng	0.01
15) 2-Fluorobiphenyl	12.863	172	12568m	0.353	ng	0.02
27) Fluoranthene-d10	19.040	212	18622	0.338	ng	0.00
31) Terphenyl-d14	19.649	244	13955	0.347	ng	0.01
Target Compounds						
2) 1,4-Dioxane	3.161	88	2095	0.383	ng	96
3) n-Nitrosodimethylamine	3.486	42	1540	0.296	ng	# 98
6) bis(2-Chloroethyl)ether	7.039	93	2900	0.202	ng	93
9) Naphthalene	10.421	128	13856m	0.394	ng	
10) Hexachlorobutadiene	10.667	225	2692	0.438	ng	# 98
12) 2-Methylnaphthalene	12.055	142	7737	0.322	ng	98
16) Acenaphthylene	13.953	152	13008	0.300	ng	100
17) Acenaphthene	14.296	154	9586	0.344	ng	100
18) Fluorene	15.301	166	12401	0.333	ng	100
20) 4,6-Dinitro-2-methylph...	15.482	198	457	0.282	ng	# 8
21) 4-Bromophenyl-phenylether	16.197	248	3848	0.335	ng	95
22) Hexachlorobenzene	16.296	284	4822	0.406	ng	94
23) Atrazine	16.483	200	2877	0.274	ng	96
24) Pentachlorophenol	16.681	266	1346	0.348	ng	99
25) Phenanthrene	17.041	178	18765	0.334	ng	99
26) Anthracene	17.140	178	15516	0.298	ng	99
28) Fluoranthene	19.072	202	23009	0.338	ng	99
30) Pyrene	19.439	202	24210	0.370	ng	100
32) Benzo(a)anthracene	21.202	228	19293	0.311	ng	98
33) Chrysene	21.247	228	24622m	0.420	ng	
34) Bis(2-ethylhexyl)phtha...	21.104	149	15440	0.365	ng	99
36) Indeno(1,2,3-cd)pyrene	25.671	276	22593	0.354	ng	99
37) Benzo(b)fluoranthene	22.765	252	18406	0.295	ng	# 86
38) Benzo(k)fluoranthene	22.809	252	23564	0.400	ng	# 83
39) Benzo(a)pyrene	23.341	252	18810	0.350	ng	# 75
40) Dibenzo(a,h)anthracene	25.683	278	17653	0.351	ng	# 83
41) Benzo(g,h,i)perylene	26.352	276	19616	0.363	ng	95

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

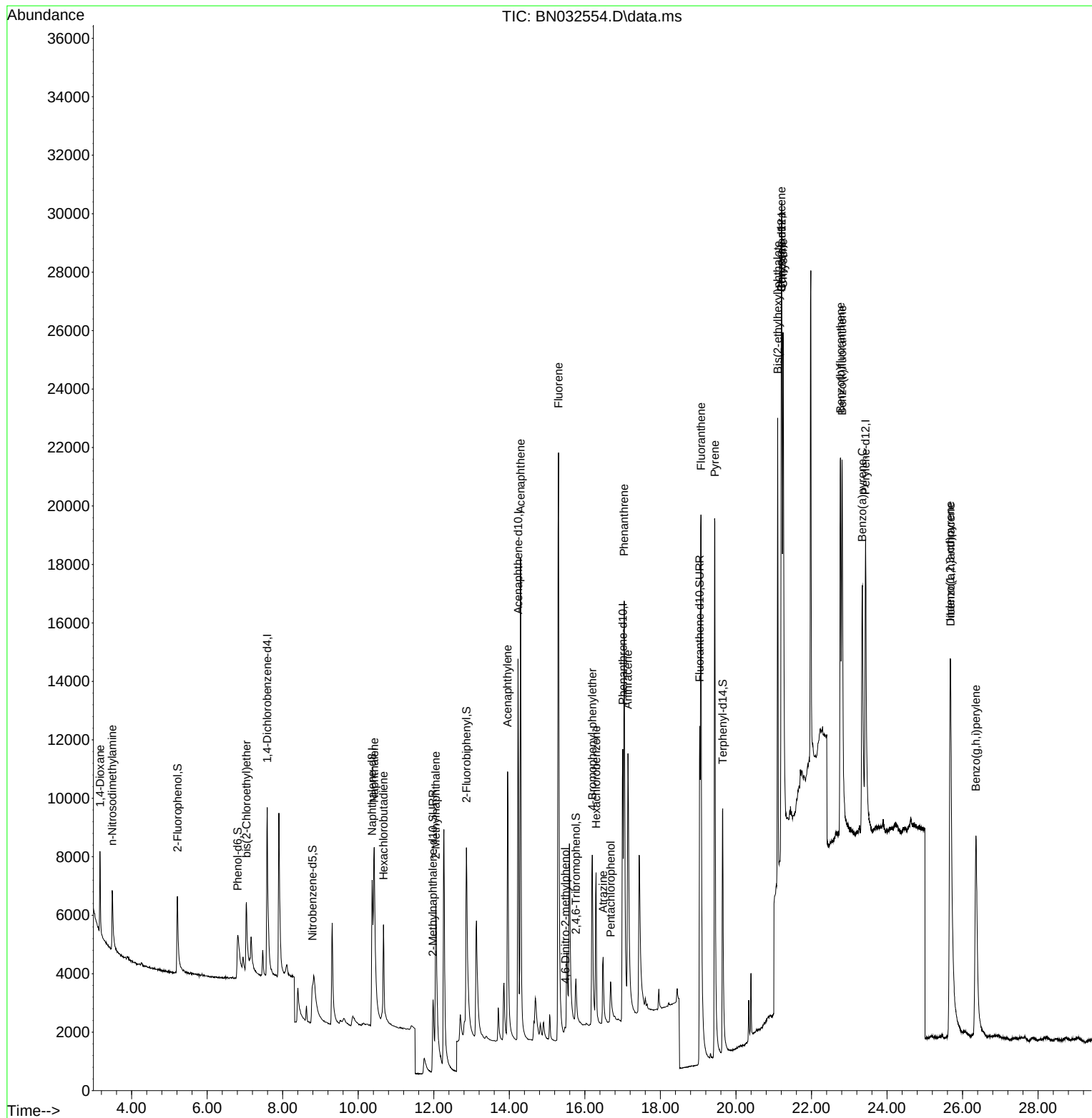
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070824\
Data File : BN032554.D
Acq On : 08 Jul 2024 16:44
Operator : MA/JU
Sample : PB161896BS
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ALS Vial : 6 Sample Multiplier: 1

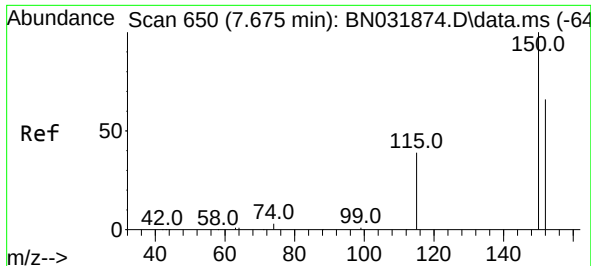
Instrument :
BNA_N
ClientSampleId :
PB161896BS

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 08 15:11:21 2024
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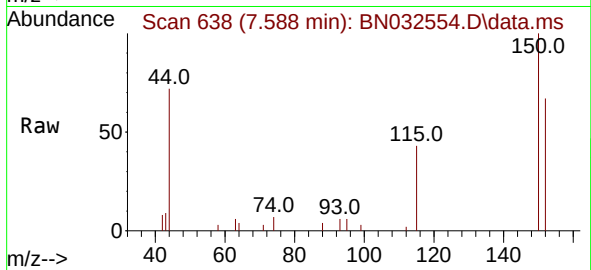
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng m
 RT: 7.588 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN032554.D
 Acq: 08 Jul 2024 16:44

Instrument :

BNA_N

ClientSampleId :

PB161896BS

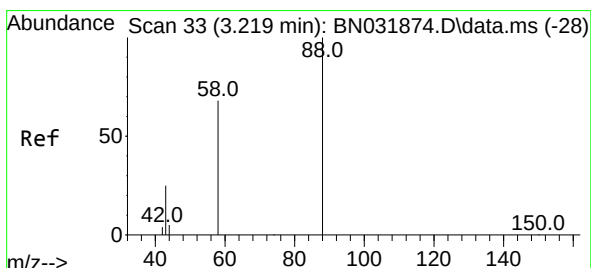
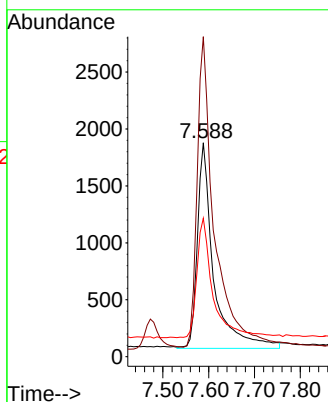
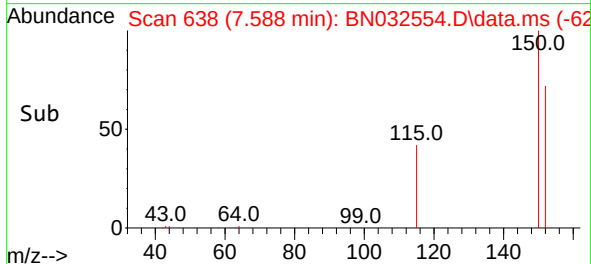


Tgt Ion:152 Resp: 446
 Ion Ratio Lower Upper
 152 100
 150 149.5 121.0 181.4
 115 64.7 49.4 74.0

Manual Integrations

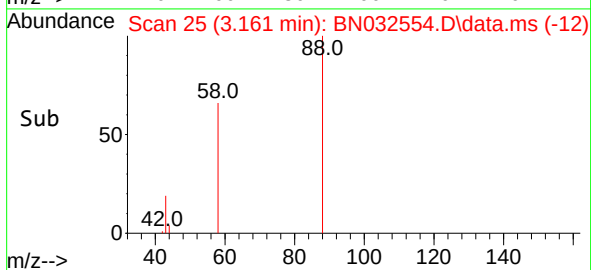
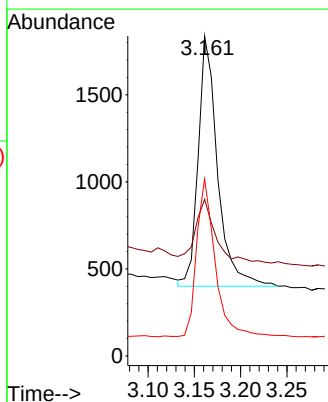
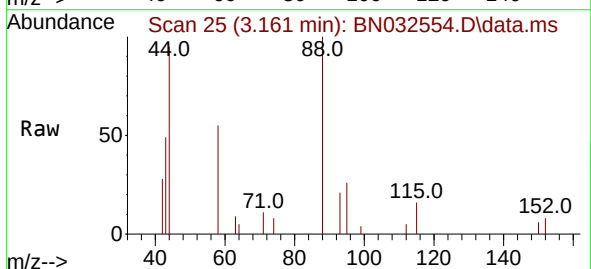
APPROVED

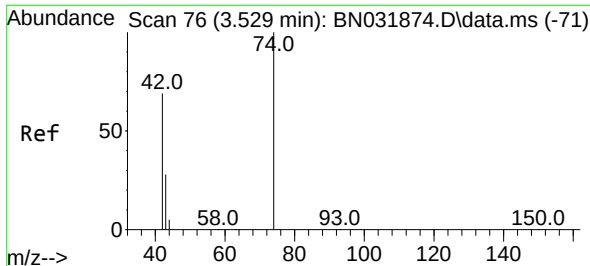
Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/09/2024



#2
 1,4-Dioxane
 Concen: 0.383 ng
 RT: 3.161 min Scan# 25
 Delta R.T. -0.007 min
 Lab File: BN032554.D
 Acq: 08 Jul 2024 16:44

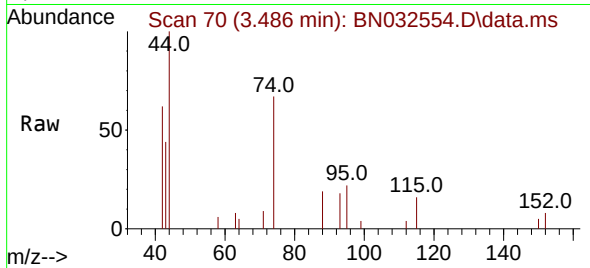
Tgt Ion: 88 Resp: 2095
 Ion Ratio Lower Upper
 88 100
 43 26.8 22.7 34.1
 58 60.9 51.3 76.9





#3
n-Nitrosodimethylamine
Concen: 0.296 ng
RT: 3.486 min Scan# 70
Delta R.T. 0.000 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44

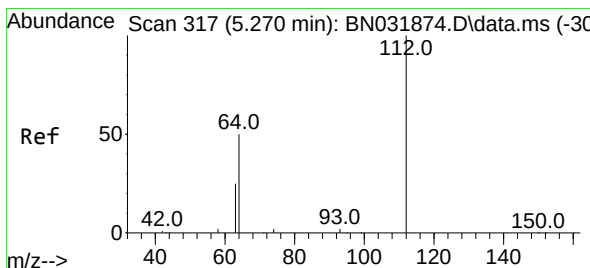
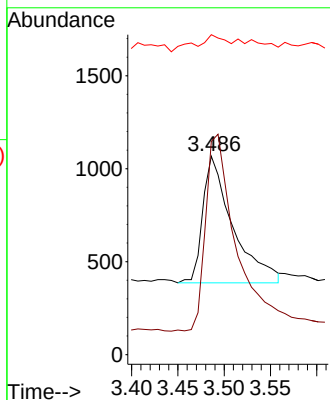
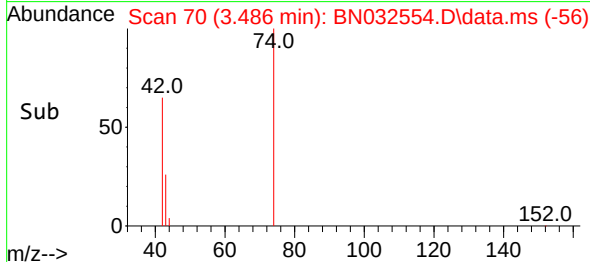
Instrument :
BNA_N
ClientSampleId :
PB161896BS



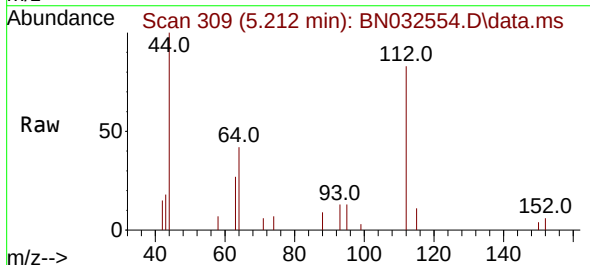
Tgt Ion: 42 Resp: 1540
Ion Ratio Lower Upper
42 100
74 158.6 125.2 187.8
44 13.2 6.9 10.3

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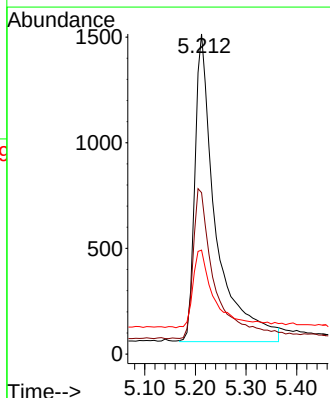
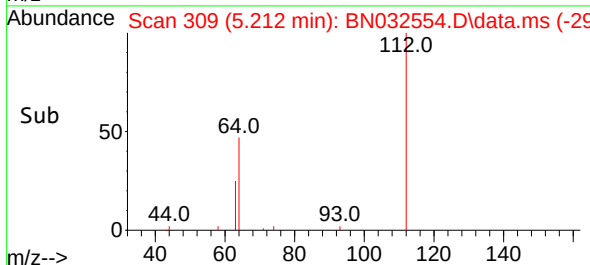
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024

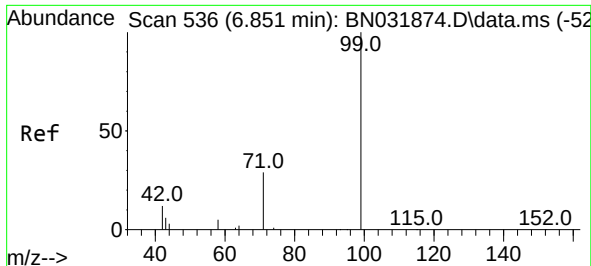


#4
2-Fluorophenol
Concen: 0.330 ng m
RT: 5.212 min Scan# 309
Delta R.T. 0.015 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44



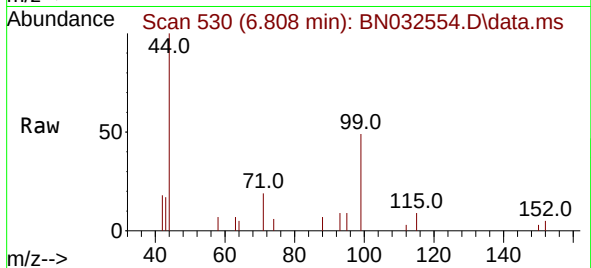
Tgt Ion:112 Resp: 4190
Ion Ratio Lower Upper
112 100
64 43.8 42.4 63.6
63 23.1 22.1 33.1





#5
Phenol-d6
Concen: 0.284 ng m
RT: 6.808 min Scan# 51
Delta R.T. 0.022 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44

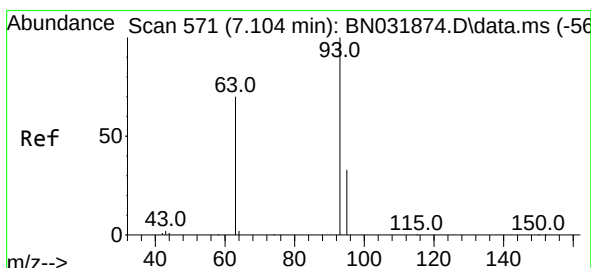
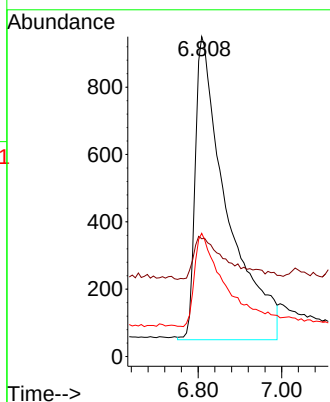
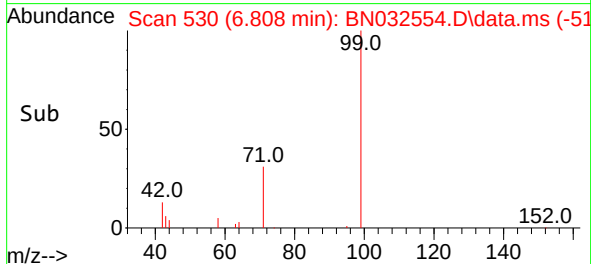
Instrument :
BNA_N
ClientSampleId :
PB161896BS



Tgt Ion: 99 Resp: 472
Ion Ratio Lower Upper
99 100
42 10.5 12.8 19.2
71 21.2 25.4 38.2

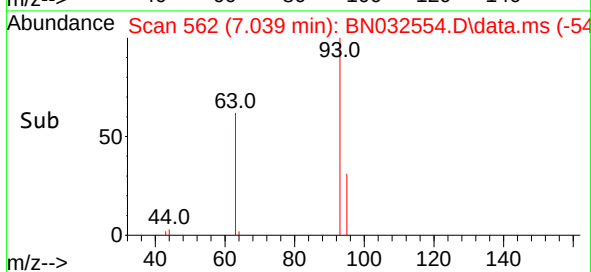
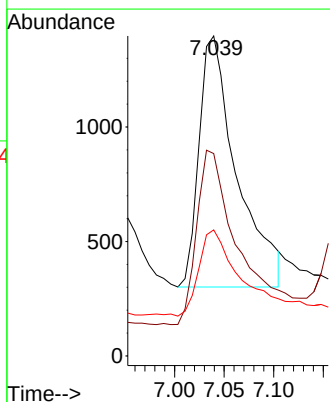
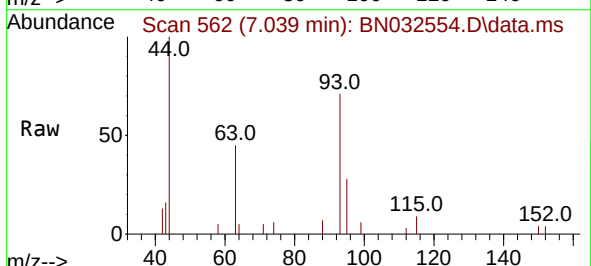
Manual Integrations
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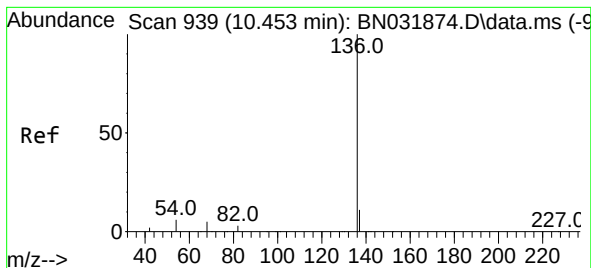
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



#6
bis(2-Chloroethyl)ether
Concen: 0.202 ng
RT: 7.039 min Scan# 562
Delta R.T. 0.015 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44

Tgt Ion: 93 Resp: 2900
Ion Ratio Lower Upper
93 100
63 75.3 56.2 84.2
95 37.3 26.4 39.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.368 min Scan# 91

Delta R.T. 0.011 min

Lab File: BN032554.D

Acq: 08 Jul 2024 16:44

Instrument :

BNA_N

ClientSampleId :

PB161896BS

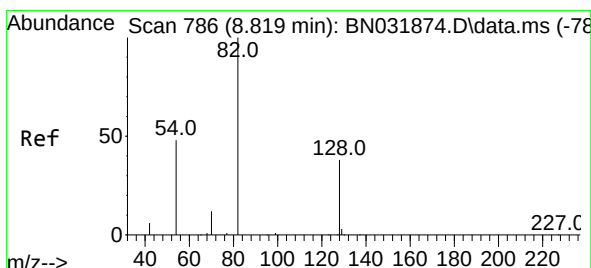
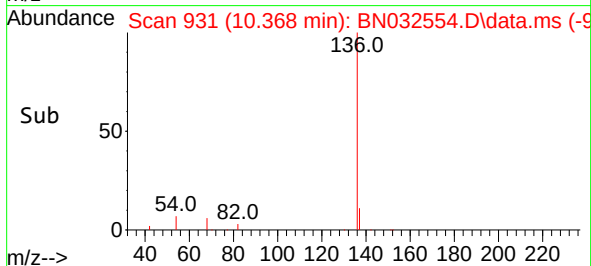
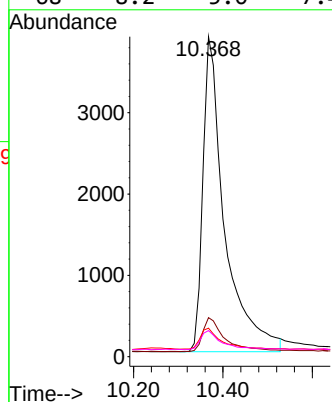
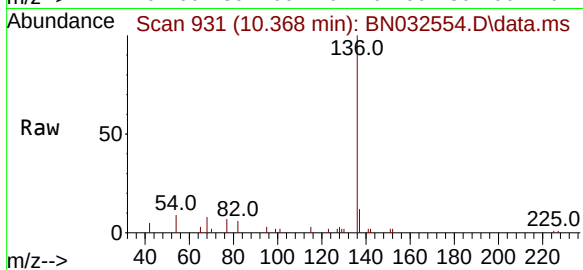
Tgt Ion:	136	Resp:	1306
Ion Ratio	Lower	Upper	
136	100		
137	12.2	8.9	13.3
54	8.9	5.6	8.4
68	8.2	5.0	7.4

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 07/09/2024



#8

Nitrobenzene-d5

Concen: 0.343 ng m

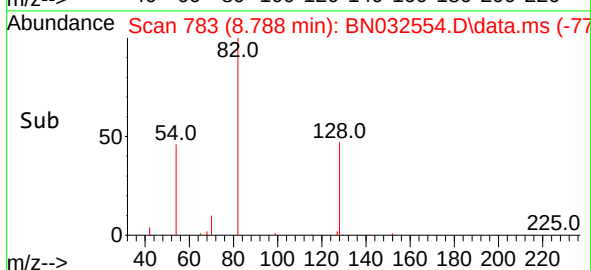
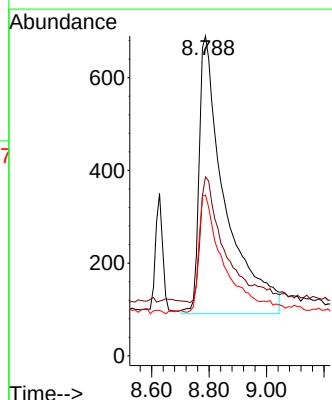
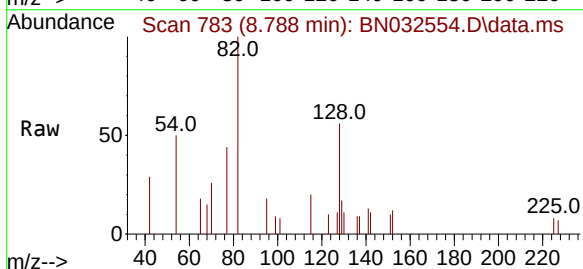
RT: 8.788 min Scan# 783

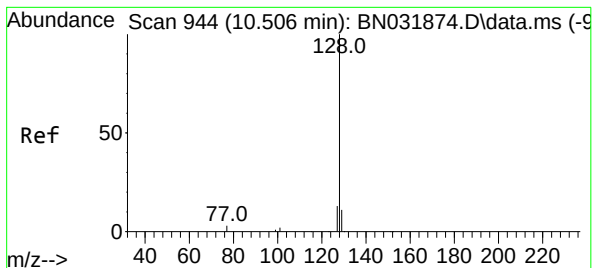
Delta R.T. 0.043 min

Lab File: BN032554.D

Acq: 08 Jul 2024 16:44

Tgt Ion:	82	Resp:	3725
Ion Ratio	Lower	Upper	
82	100		
128	55.9	32.1	48.1
54	50.3	39.7	59.5





#9

Naphthalene

Concen: 0.394 ng m

RT: 10.421 min Scan# 91

Delta R.T. 0.021 min

Lab File: BN032554.D

Acq: 08 Jul 2024 16:44

Instrument :

BNA_N

ClientSampleId :

PB161896BS

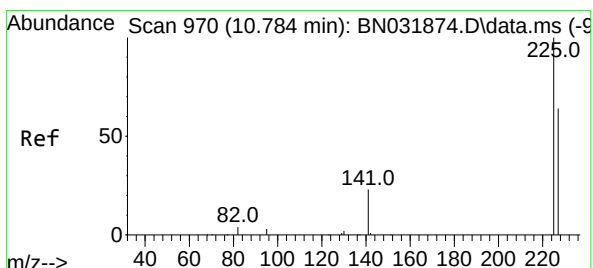
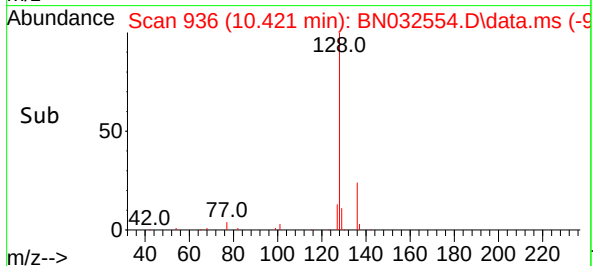
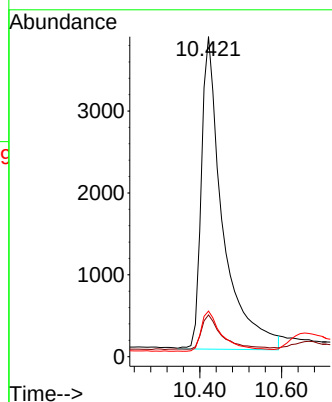
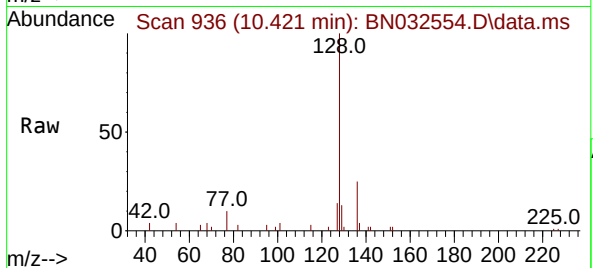
Tgt Ion:	128	Resp:	1385
Ion Ratio	Lower	Upper	
128	100		
129	13.1	9.2	13.8
127	14.3	10.5	15.7

Manual Integrations

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Supervised By :mohammad ahmed 07/09/2024



#10

Hexachlorobutadiene

Concen: 0.438 ng

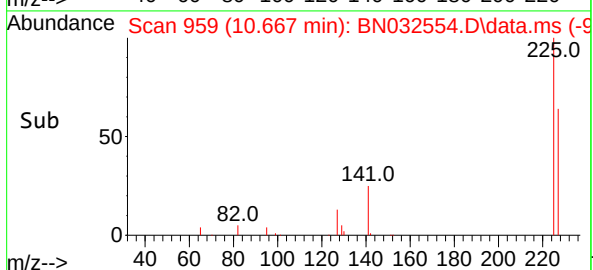
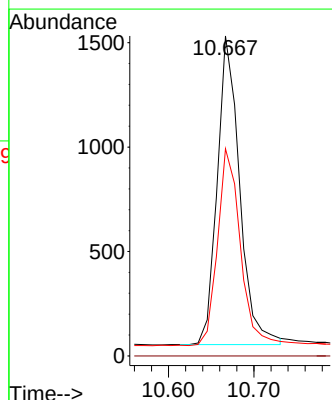
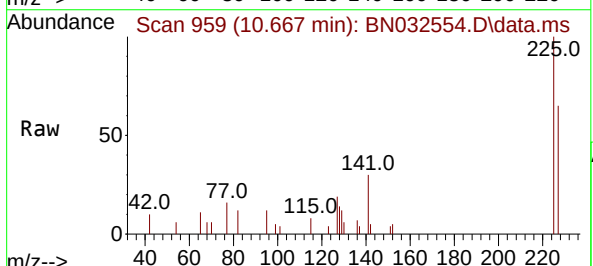
RT: 10.667 min Scan# 959

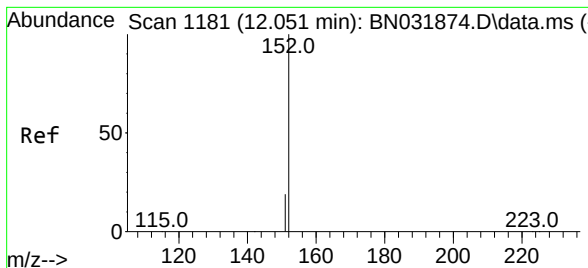
Delta R.T. 0.000 min

Lab File: BN032554.D

Acq: 08 Jul 2024 16:44

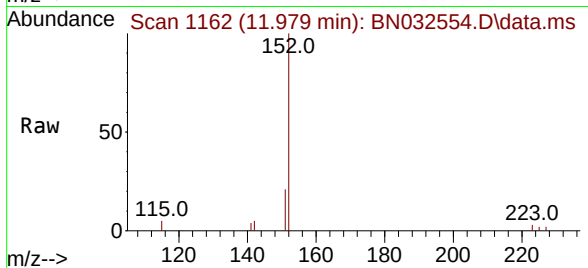
Tgt Ion:	225	Resp:	2692
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	64.6	50.6	75.8





#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 11.979 min Scan# 1181
Delta R.T. 0.023 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44

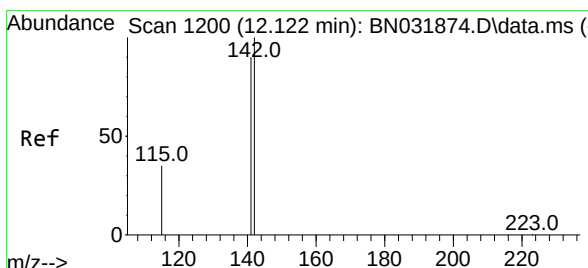
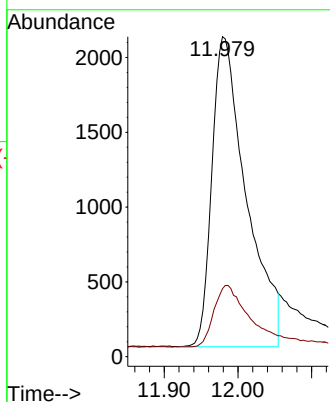
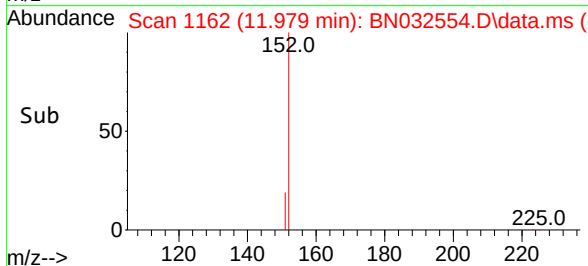
Instrument :
BNA_N
ClientSampleId :
PB161896BS



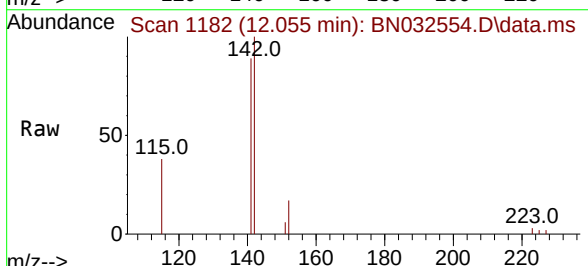
Tgt Ion:152 Resp: 6719
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5

Manual Integrations
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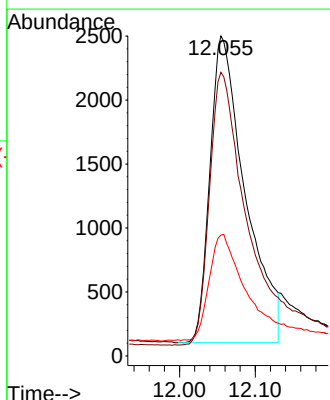
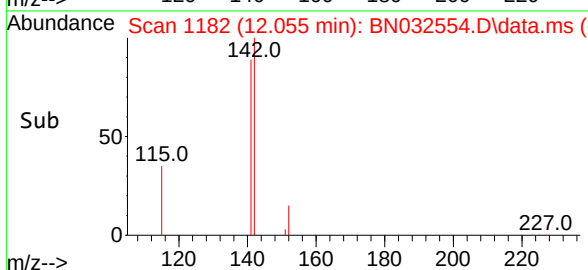
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024

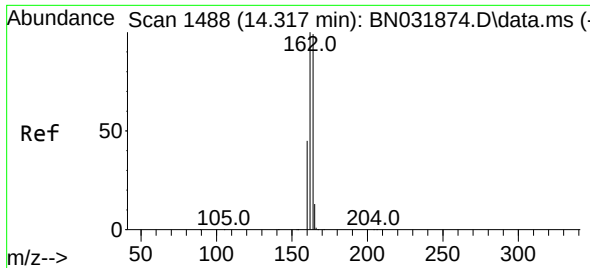


#12
2-Methylnaphthalene
Concen: 0.322 ng
RT: 12.055 min Scan# 1182
Delta R.T. 0.023 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44



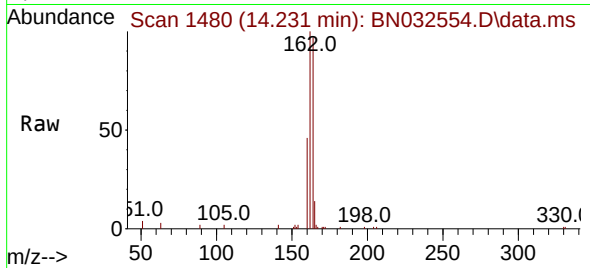
Tgt Ion:142 Resp: 7737
Ion Ratio Lower Upper
142 100
141 88.6 72.2 108.2
115 37.8 28.6 43.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.231 min Scan# 1488
Delta R.T. 0.011 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44

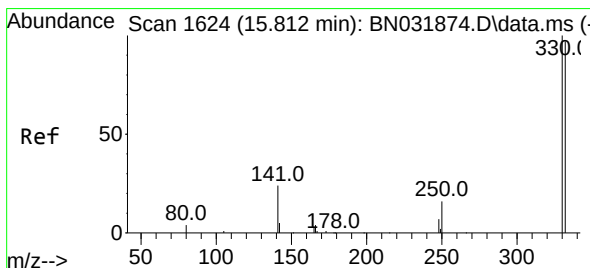
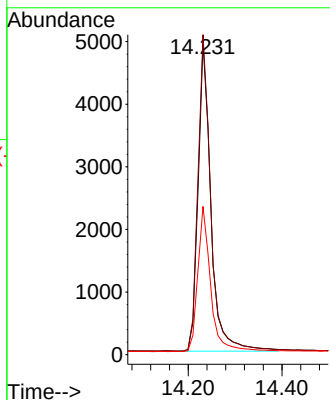
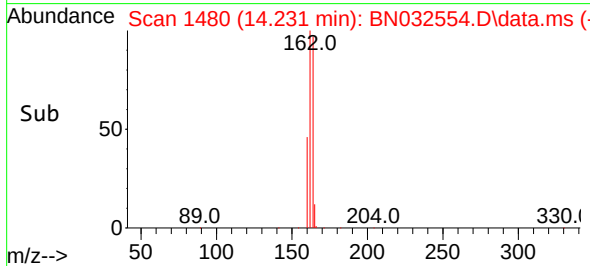
Instrument :
BNA_N
ClientSampleId :
PB161896BS



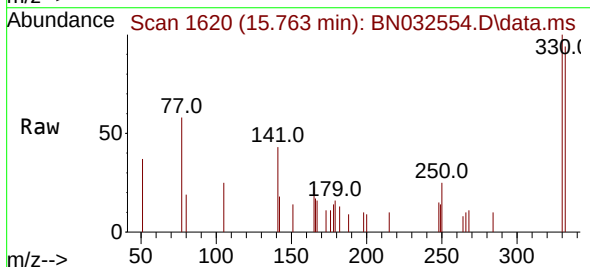
Tgt Ion:164 Resp: 9394
Ion Ratio Lower Upper
164 100
162 102.7 80.7 121.1
160 47.6 36.2 54.4

Manual Integrations
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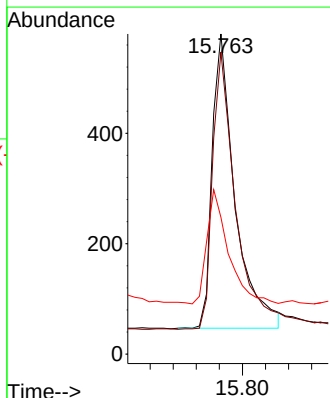
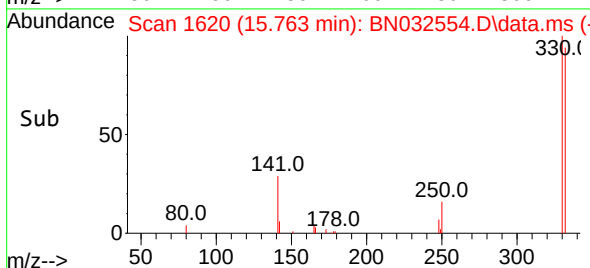
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024

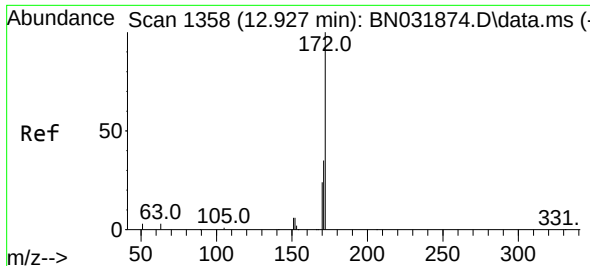


#14
2,4,6-Tribromophenol
Concen: 0.325 ng
RT: 15.763 min Scan# 1620
Delta R.T. 0.013 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44



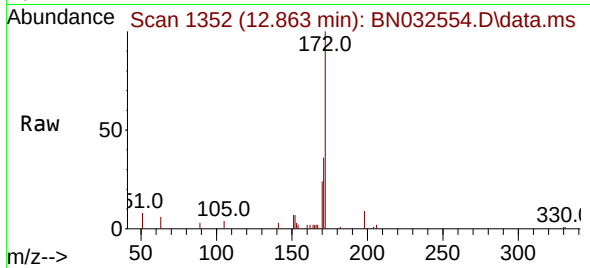
Tgt Ion:330 Resp: 1464
Ion Ratio Lower Upper
330 100
332 95.6 77.5 116.3
141 36.0 34.7 52.1





#15
2-Fluorobiphenyl
Concen: 0.353 ng m
RT: 12.863 min Scan# 11
Delta R.T. 0.022 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44

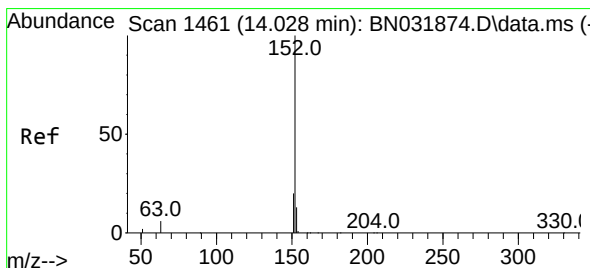
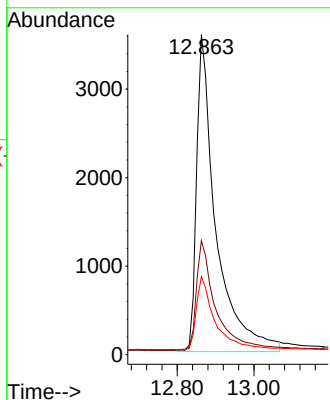
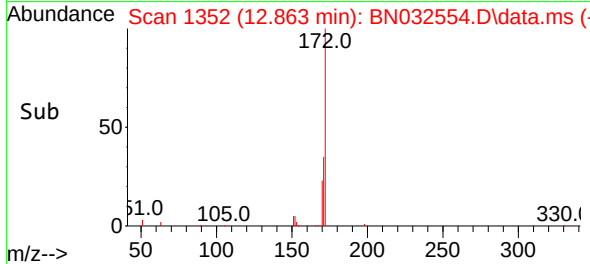
Instrument :
BNA_N
ClientSampleId :
PB161896BS



Tgt Ion:172 Resp: 1256
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 24.4 19.2 28.8

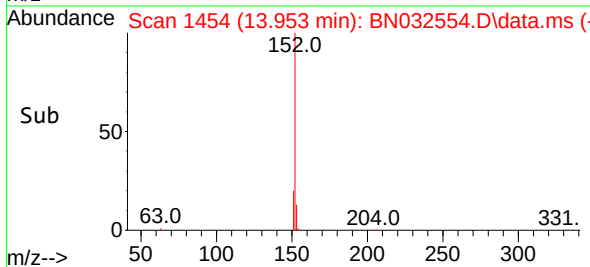
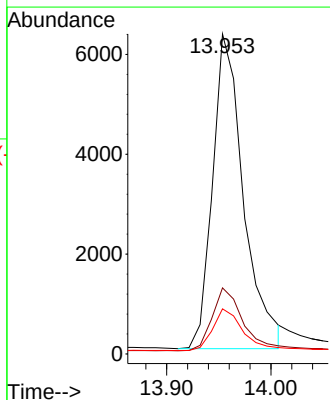
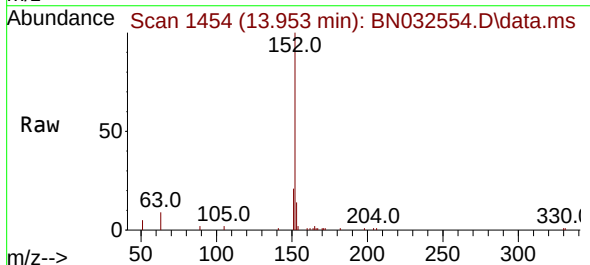
Manual Integrations
APPROVED

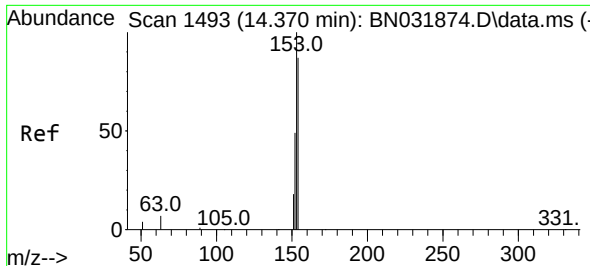
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



#16
Acenaphthylene
Concen: 0.300 ng
RT: 13.953 min Scan# 1454
Delta R.T. 0.011 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44

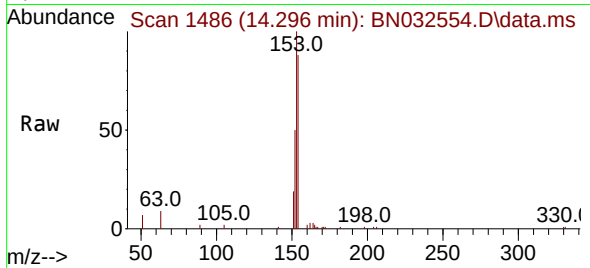
Tgt Ion:152 Resp: 13008
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 12.9 10.5 15.7





#17
Acenaphthene
Concen: 0.344 ng
RT: 14.296 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44

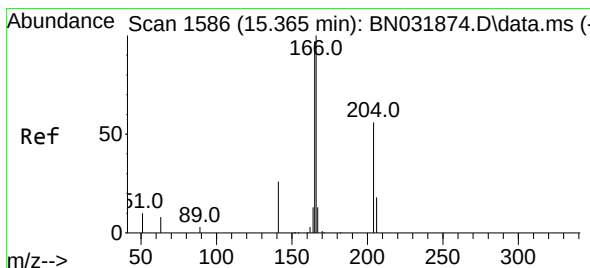
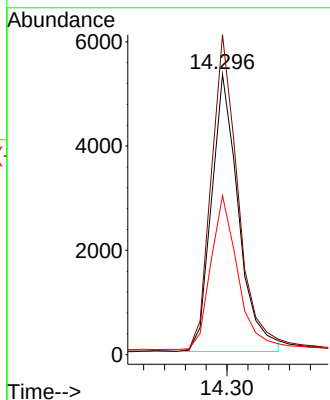
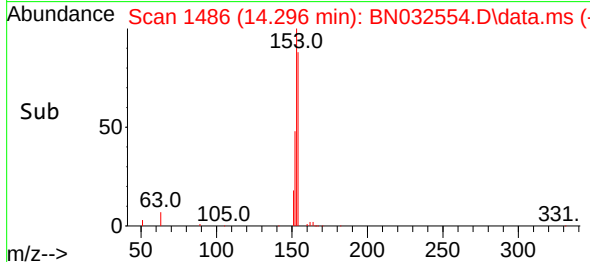
Instrument :
BNA_N
ClientSampleId :
PB161896BS



Tgt Ion:154 Resp: 9580
Ion Ratio Lower Upper
154 100
153 113.6 90.8 136.2
152 55.4 44.3 66.5

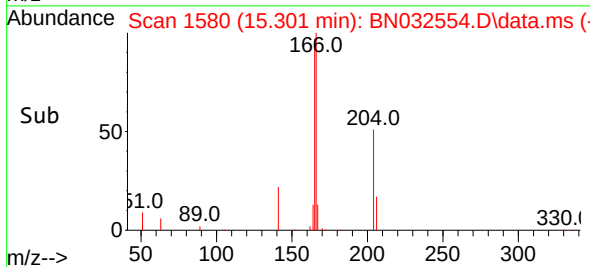
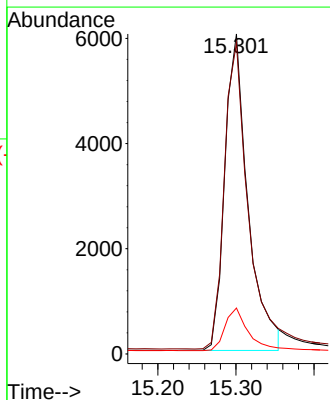
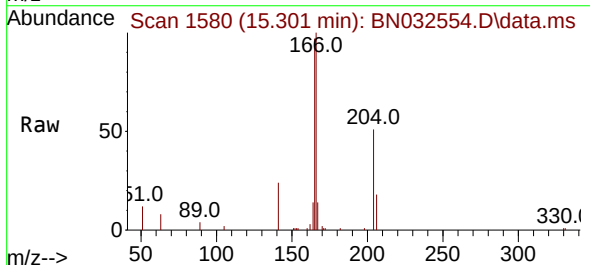
Manual Integrations
APPROVED

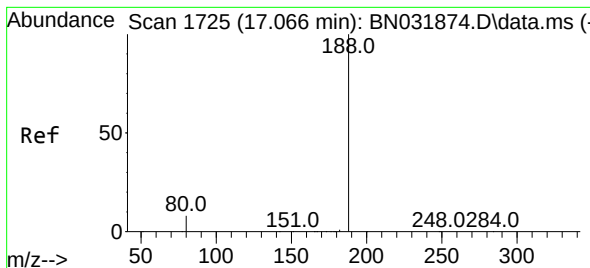
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



#18
Fluorene
Concen: 0.333 ng
RT: 15.301 min Scan# 1580
Delta R.T. 0.011 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44

Tgt Ion:166 Resp: 12401
Ion Ratio Lower Upper
166 100
165 98.3 78.3 117.5
167 13.4 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.004 min Scan# 11

Delta R.T. 0.013 min

Lab File: BN032554.D

Acq: 08 Jul 2024 16:44

Instrument :

BNA_N

ClientSampleId :

PB161896BS

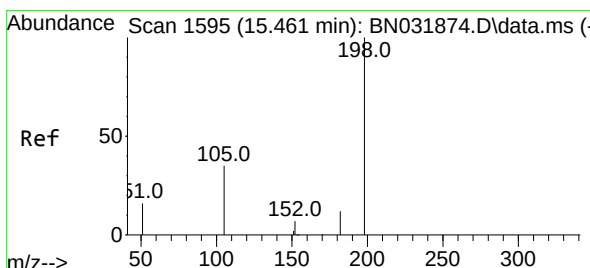
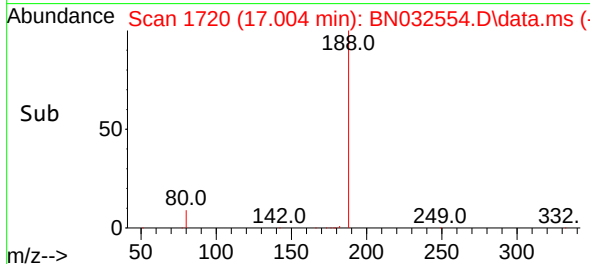
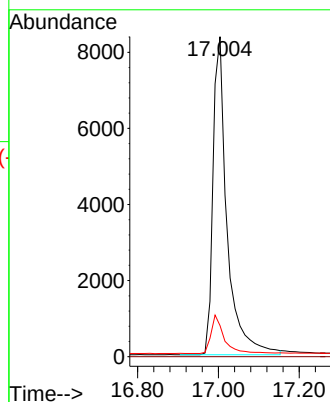
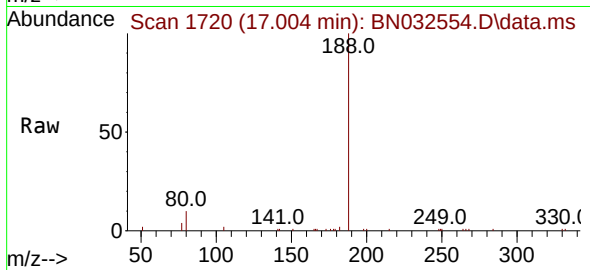
Tgt Ion:188	Resp:	20224
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	9.7	6.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2024

Supervised By :mohammad ahmed 07/09/2024



#20

4,6-Dinitro-2-methylphenol

Concen: 0.282 ng

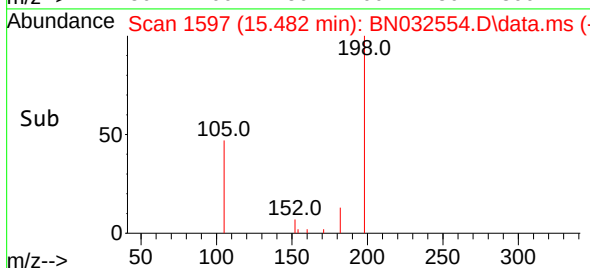
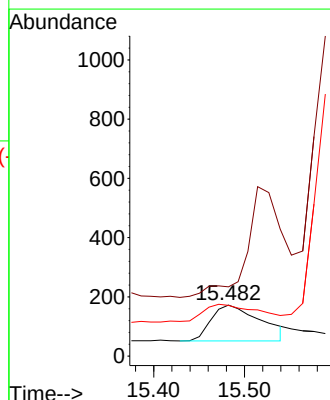
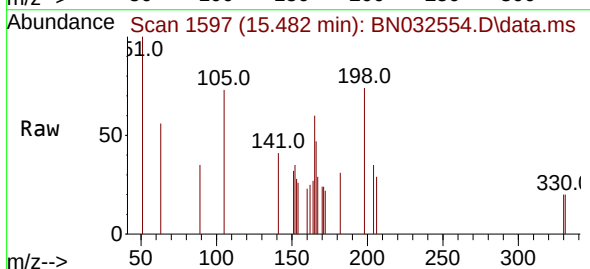
RT: 15.482 min Scan# 1597

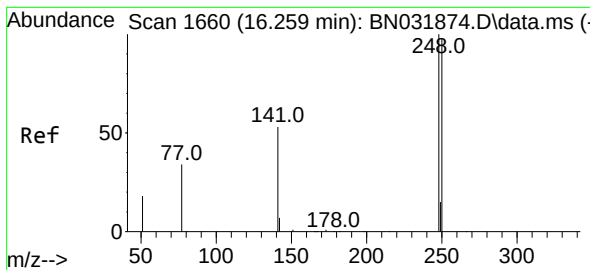
Delta R.T. 0.054 min

Lab File: BN032554.D

Acq: 08 Jul 2024 16:44

Tgt Ion:198	Resp:	457
Ion Ratio	Lower	Upper
198	100	
51	136.0	42.7
105	99.4	41.8





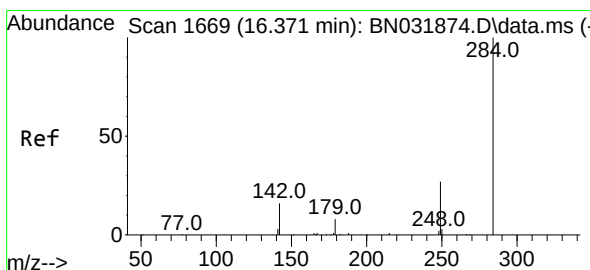
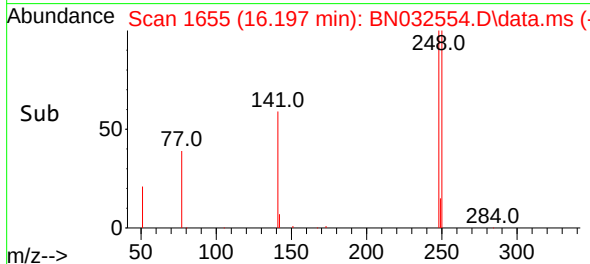
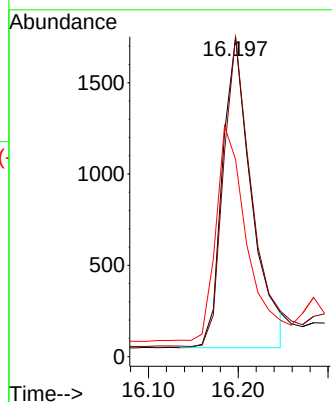
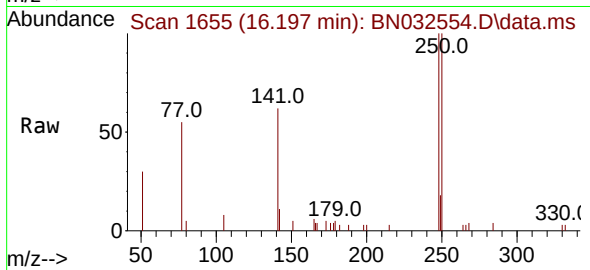
#21
4-Bromophenyl-phenylether
Concen: 0.335 ng
RT: 16.197 min Scan# 1655
Delta R.T. 0.013 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44

Instrument :
BNA_N
ClientSampleId :
PB161896BS

Tgt Ion:248 Resp: 384
Ion Ratio Lower Upper
248 100
250 100.3 78.5 117.7
141 61.8 43.1 64.7

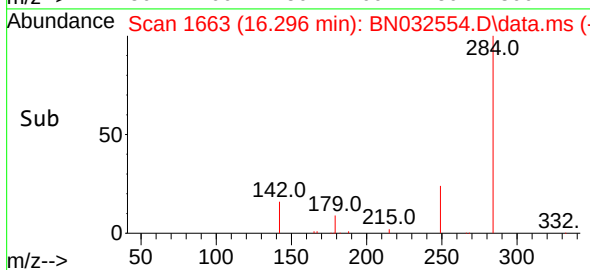
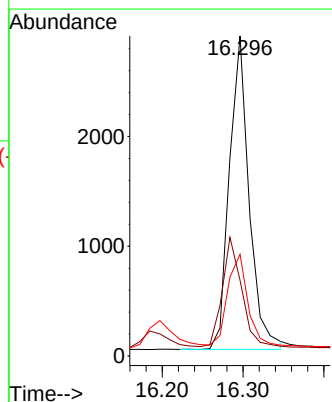
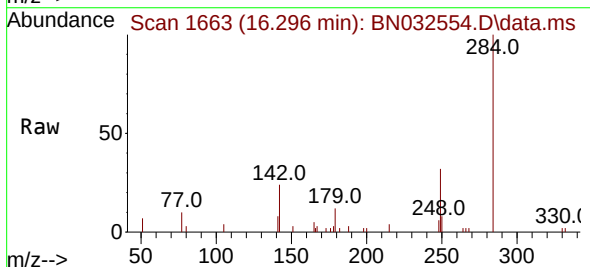
Manual Integrations
APPROVED

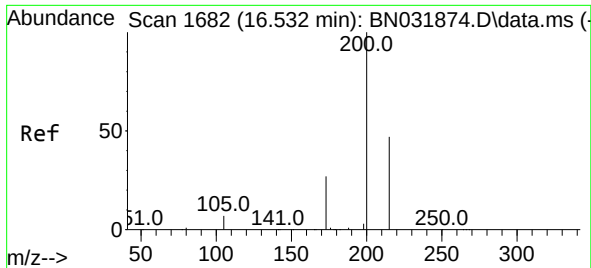
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



#22
Hexachlorobenzene
Concen: 0.406 ng
RT: 16.296 min Scan# 1663
Delta R.T. 0.013 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44

Tgt Ion:284 Resp: 4822
Ion Ratio Lower Upper
284 100
142 33.8 30.7 46.1
249 29.0 25.0 37.4





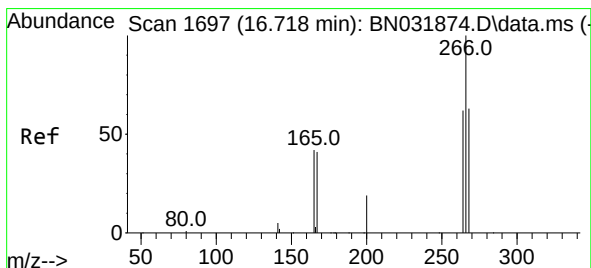
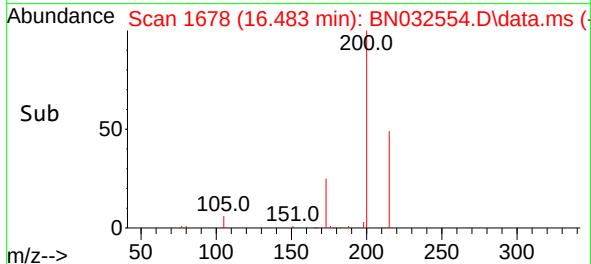
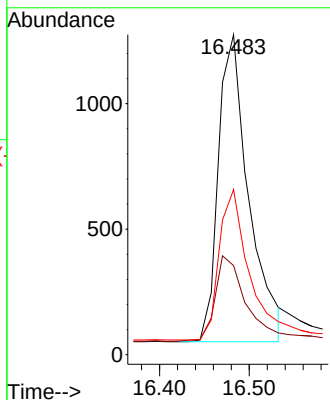
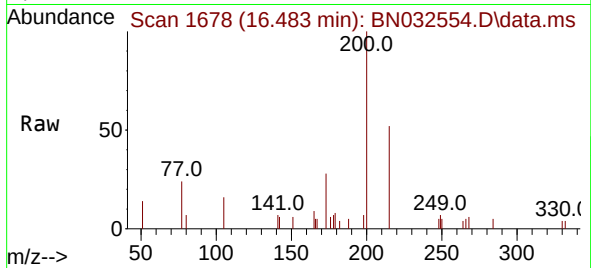
#23
Atrazine
Concen: 0.274 ng
RT: 16.483 min Scan# 1678
Delta R.T. 0.013 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44

Instrument :
BNA_N
ClientSampleId :
PB161896BS

Tgt Ion:200 Resp: 287
Ion Ratio Lower Upper
200 100
173 27.8 22.0 33.0
215 51.6 37.9 56.9

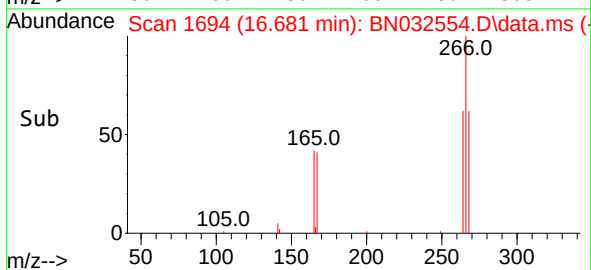
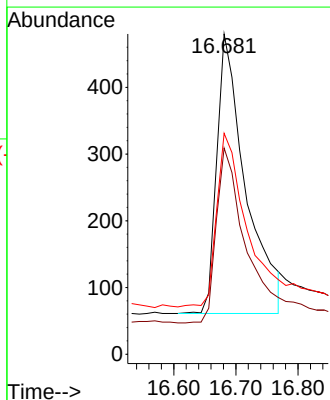
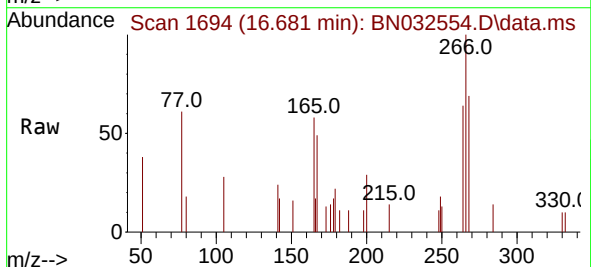
Manual Integrations
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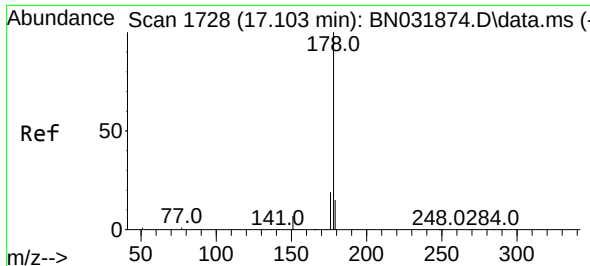
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



#24
Pentachlorophenol
Concen: 0.348 ng
RT: 16.681 min Scan# 1694
Delta R.T. 0.025 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44

Tgt Ion:266 Resp: 1346
Ion Ratio Lower Upper
266 100
264 63.4 50.0 75.0
268 64.5 51.0 76.6





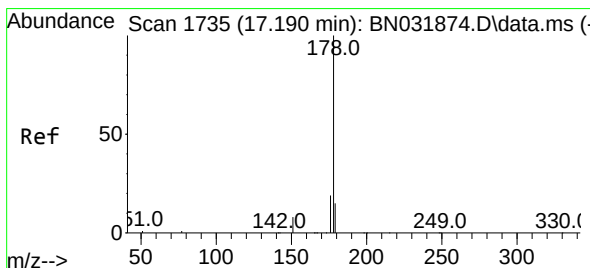
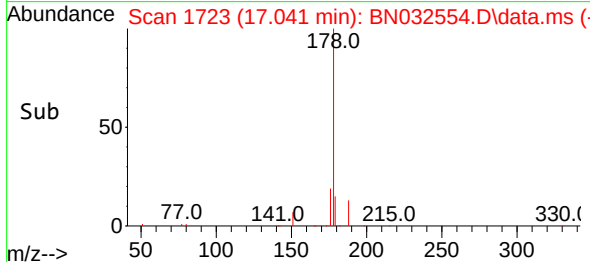
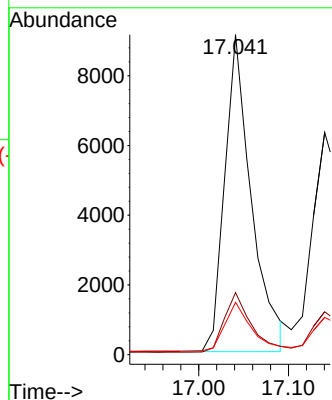
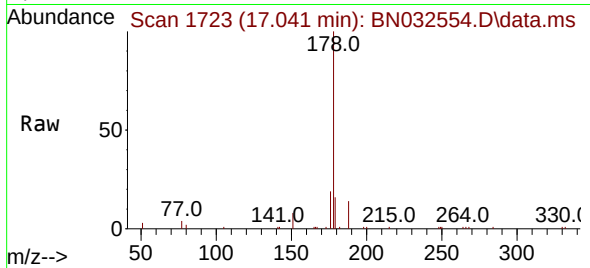
#25
Phenanthrene
Concen: 0.334 ng
RT: 17.041 min Scan# 1731
Delta R.T. 0.013 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44

Instrument :
BNA_N
ClientSampleId :
PB161896BS

Tgt Ion:178 Resp: 1876
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.3 12.2 18.2

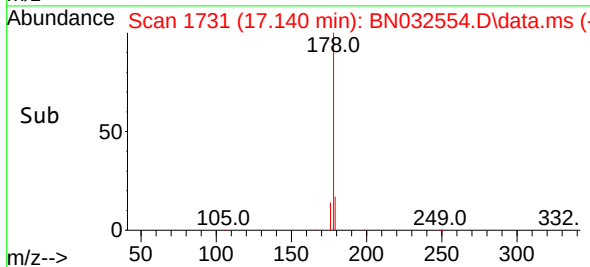
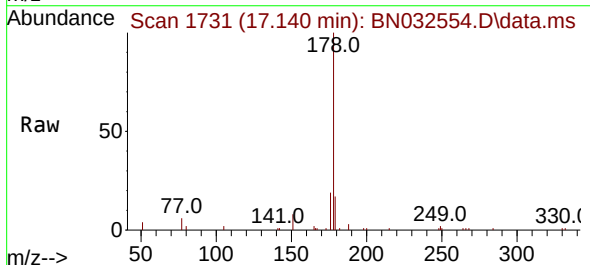
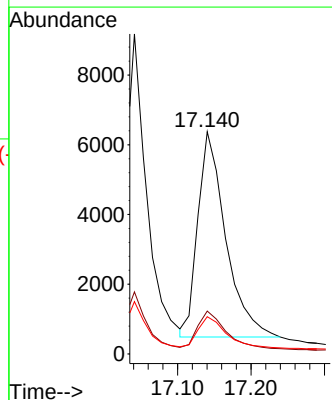
Manual Integrations
APPROVED

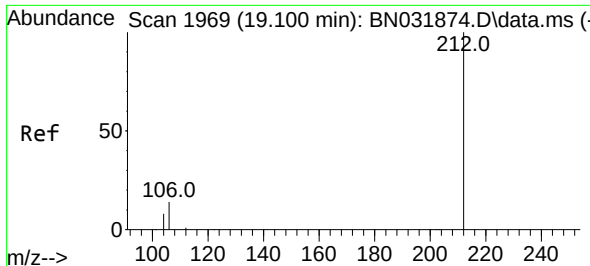
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



#26
Anthracene
Concen: 0.298 ng
RT: 17.140 min Scan# 1731
Delta R.T. 0.013 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44

Tgt Ion:178 Resp: 15516
Ion Ratio Lower Upper
178 100
176 18.1 14.8 22.2
179 15.1 12.2 18.2





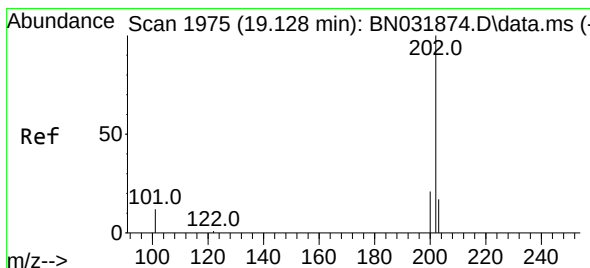
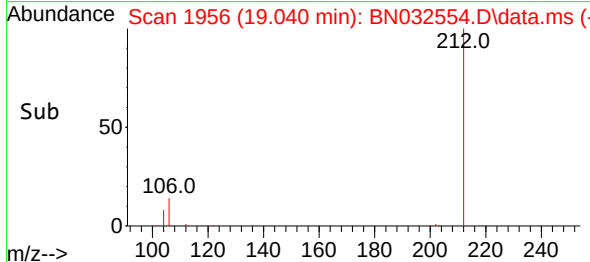
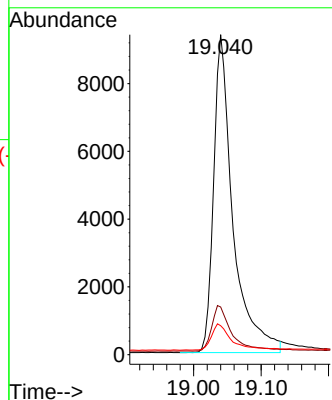
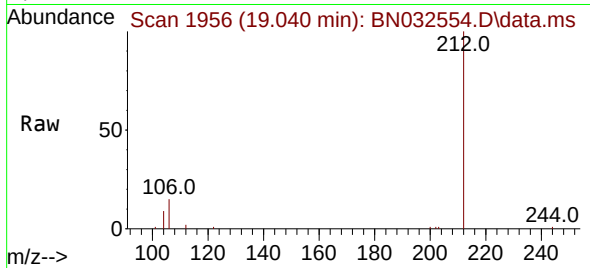
#27
Fluoranthene-d10
Concen: 0.338 ng
RT: 19.040 min Scan# 1963
Delta R.T. 0.009 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44

Instrument :
BNA_N
ClientSampleId :
PB161896BS

Tgt Ion:212 Resp: 1862
Ion Ratio Lower Upper
212 100
106 14.8 11.8 17.8
104 8.5 6.6 10.0

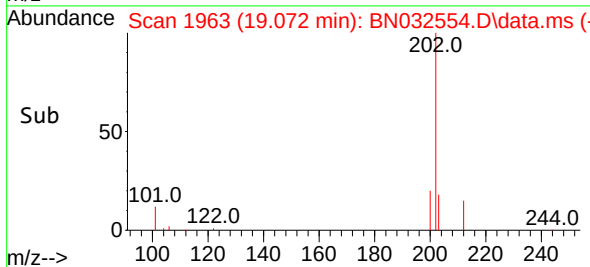
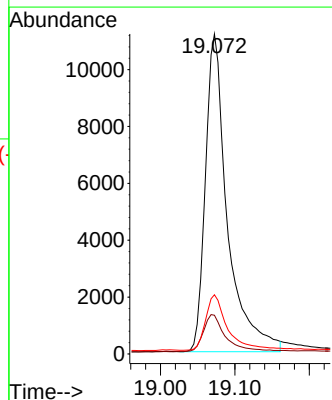
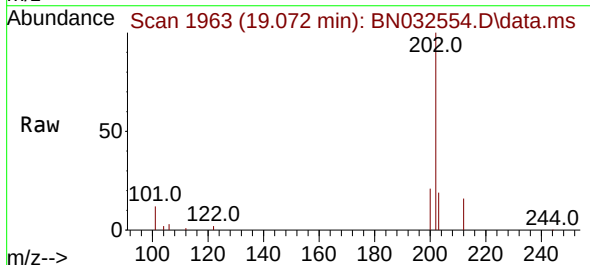
Manual Integrations
APPROVED

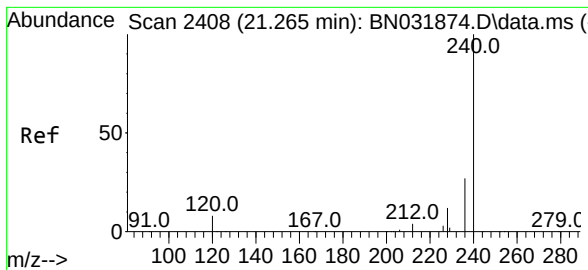
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



#28
Fluoranthene
Concen: 0.338 ng
RT: 19.072 min Scan# 1963
Delta R.T. 0.009 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44

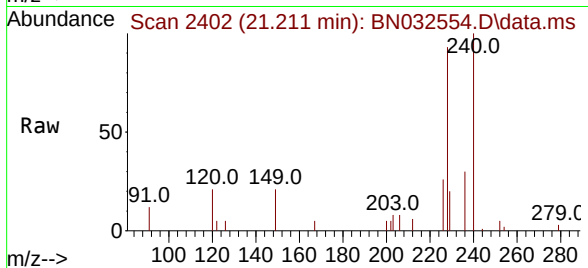
Tgt Ion:202 Resp: 23009
Ion Ratio Lower Upper
202 100
101 11.9 9.8 14.6
203 17.3 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.211 min Scan# 2402
Delta R.T. 0.009 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44

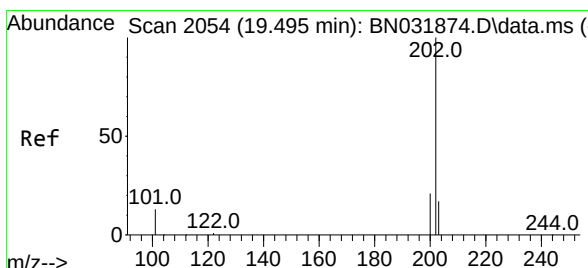
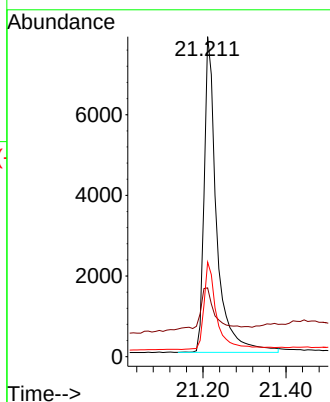
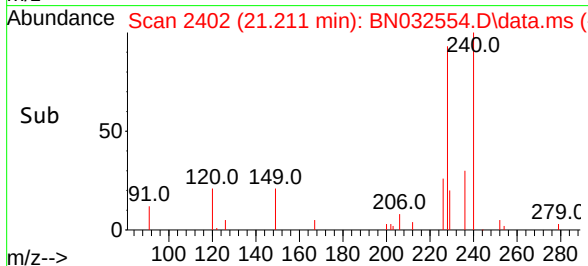
Instrument :
BNA_N
ClientSampleId :
PB161896BS



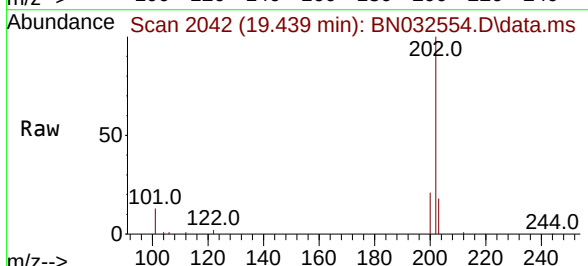
Tgt Ion:240 Resp: 16468
Ion Ratio Lower Upper
240 100
120 21.5 8.2 12.4
236 29.6 21.8 32.8

Manual Integrations
APPROVED

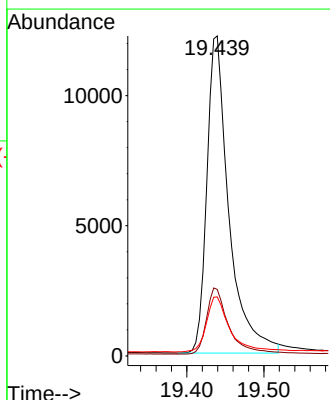
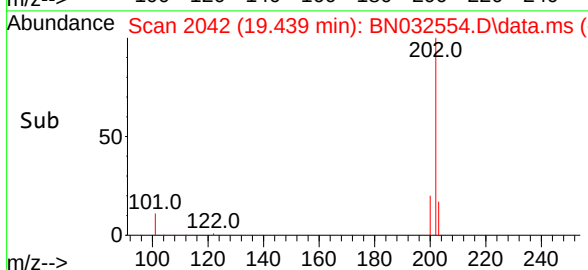
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024

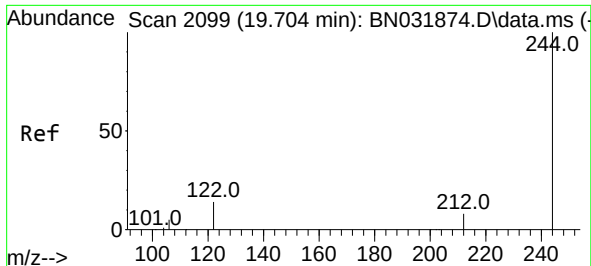


#30
Pyrene
Concen: 0.370 ng
RT: 19.439 min Scan# 2042
Delta R.T. 0.009 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44



Tgt Ion:202 Resp: 24210
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 18.2 14.3 21.5





#31
Terphenyl-d14
Concen: 0.347 ng
RT: 19.649 min Scan# 2099
Delta R.T. 0.014 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44

Instrument :

BNA_N

ClientSampleId :

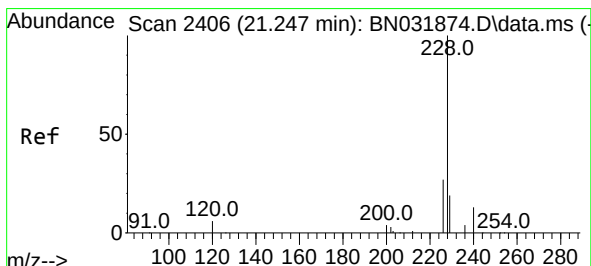
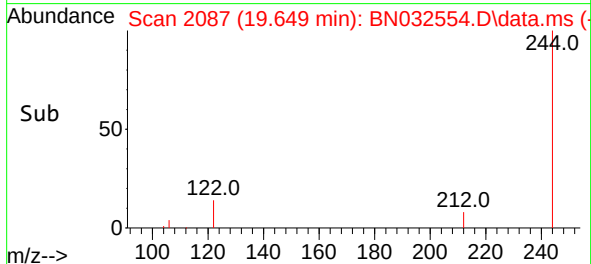
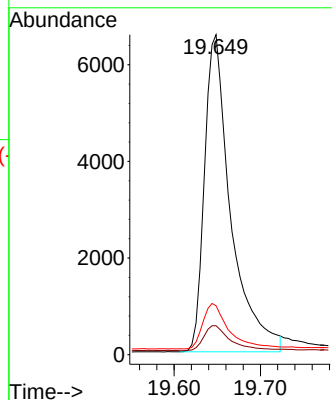
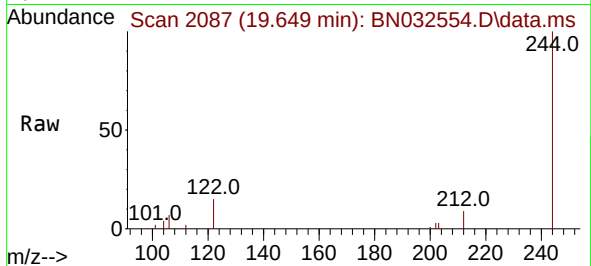
PB161896BS

Tgt Ion:244 Resp: 1395
Ion Ratio Lower Upper
244 100
212 9.0 6.5 9.7
122 15.3 11.4 17.0

Manual Integrations

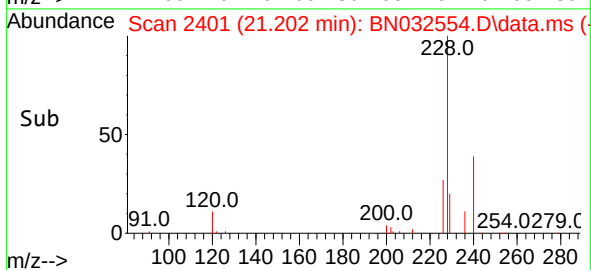
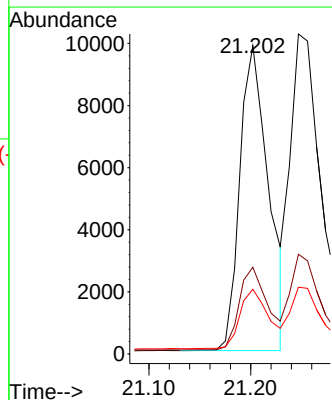
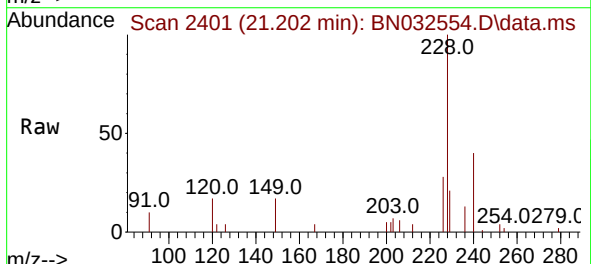
APPROVED

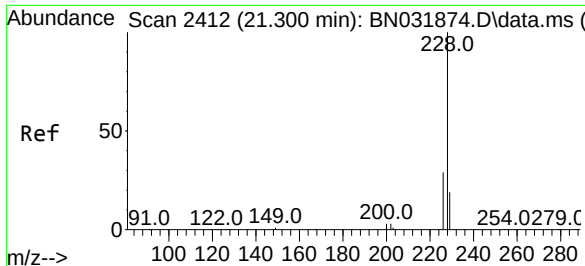
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



#32
Benzo(a)anthracene
Concen: 0.311 ng
RT: 21.202 min Scan# 2401
Delta R.T. 0.018 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44

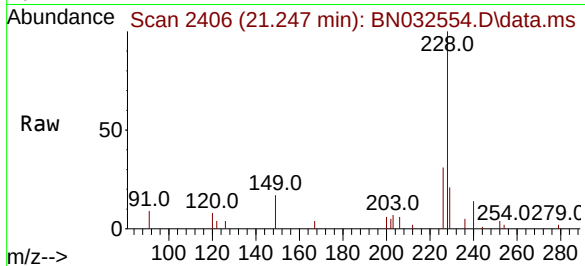
Tgt Ion:228 Resp: 19293
Ion Ratio Lower Upper
228 100
226 28.1 21.8 32.6
229 21.0 15.8 23.8





#33
Chrysene
Concen: 0.420 ng m
RT: 21.247 min Scan# 2412
Delta R.T. 0.009 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44

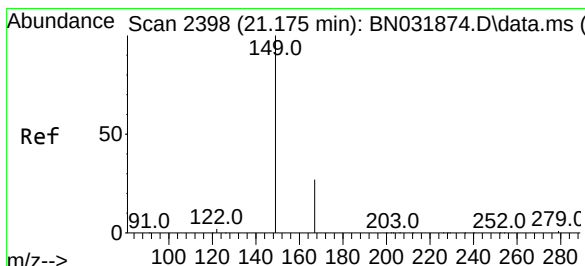
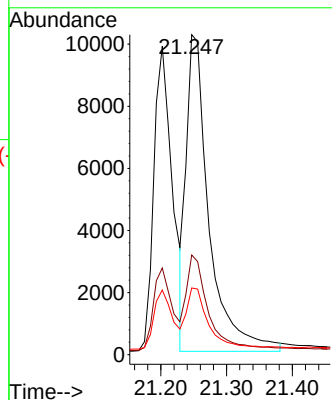
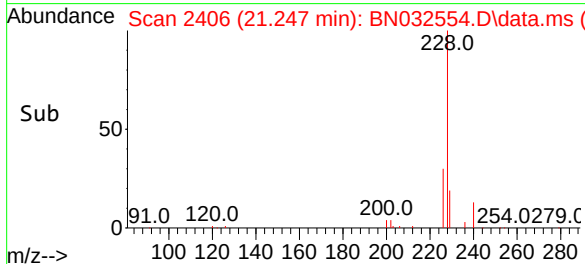
Instrument :
BNA_N
ClientSampleId :
PB161896BS



Tgt Ion:228 Resp: 2462
Ion Ratio Lower Upper
228 100
226 31.1 23.6 35.4
229 20.9 15.8 23.6

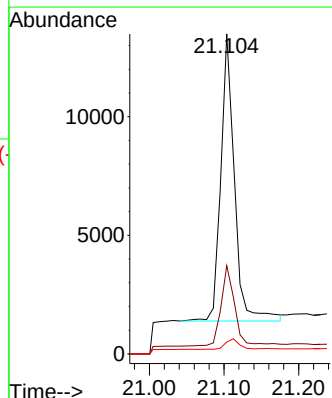
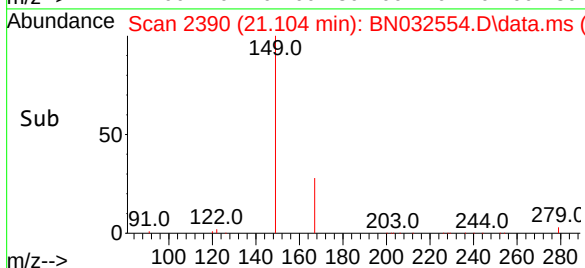
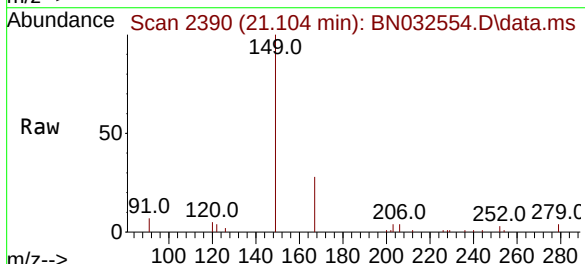
Manual Integrations
APPROVED

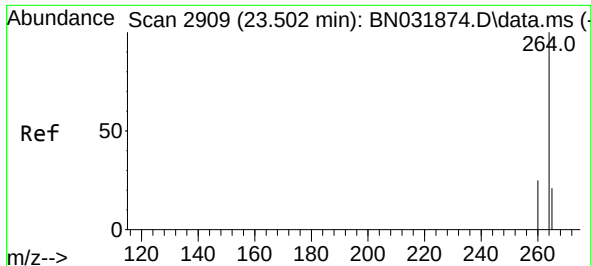
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.365 ng
RT: 21.104 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44

Tgt Ion:149 Resp: 15440
Ion Ratio Lower Upper
149 100
167 28.5 22.5 33.7
279 4.0 2.9 4.3





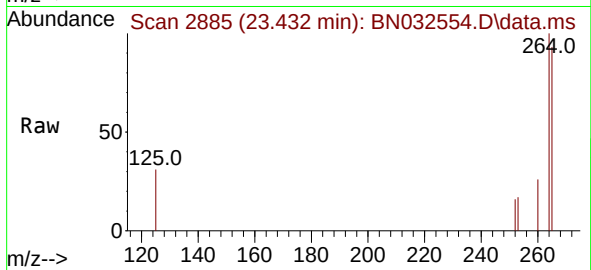
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.432 min Scan# 2111
Delta R.T. 0.012 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44

Instrument :

BNA_N

ClientSampleId :

PB161896BS



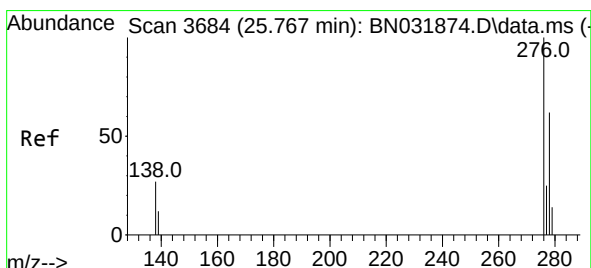
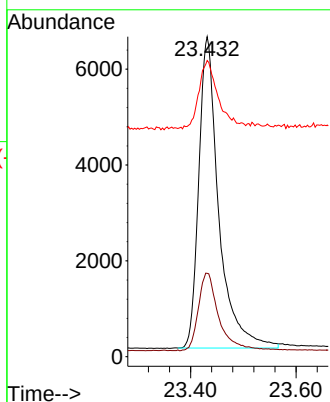
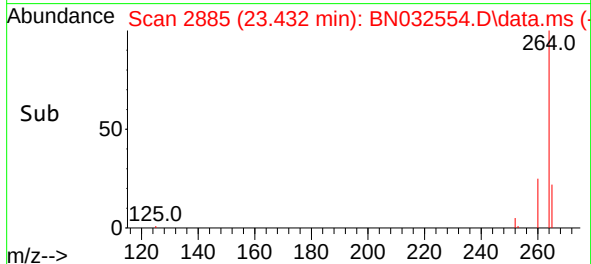
Tgt Ion:264 Resp: 1711
Ion Ratio Lower Upper
264 100
260 26.1 20.5 30.7
265 92.6 39.6 59.4

Manual Integrations

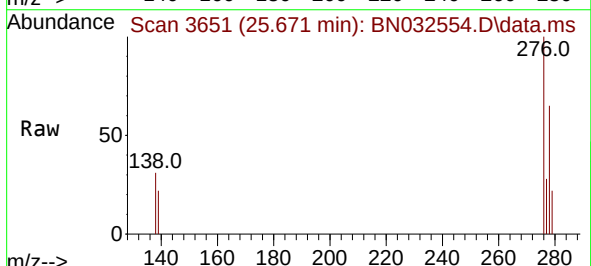
APPROVED

Reviewed By :Yogesh Patel 07/09/2024

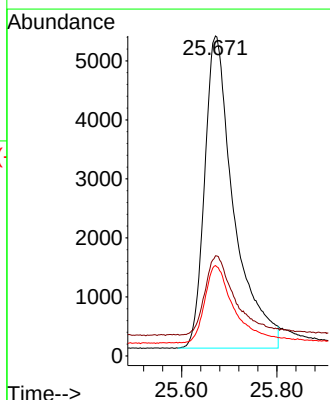
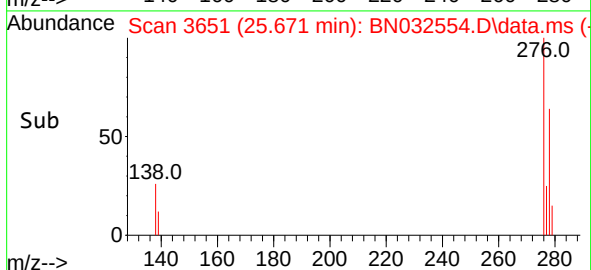
Supervised By :mohammad ahmed 07/09/2024

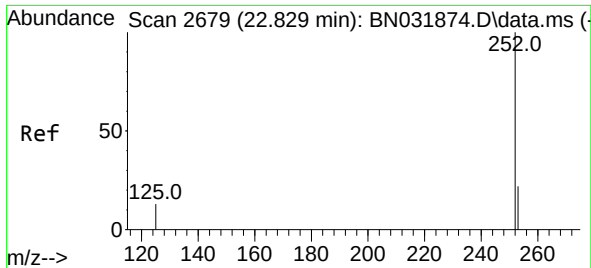


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.354 ng
RT: 25.671 min Scan# 3651
Delta R.T. 0.021 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44



Tgt Ion:276 Resp: 22593
Ion Ratio Lower Upper
276 100
138 25.9 21.5 32.3
277 24.8 19.8 29.8





#37
Benzo(b)fluoranthene
Concen: 0.295 ng
RT: 22.765 min Scan# 2672
Delta R.T. 0.012 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44

Instrument :

BNA_N

ClientSampleId :

PB161896BS

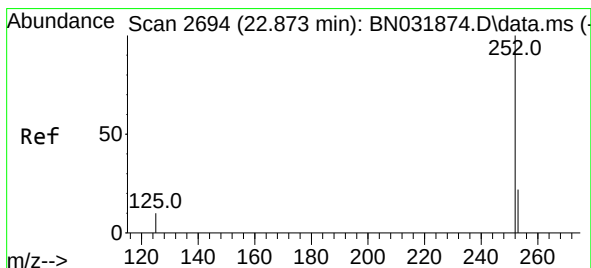
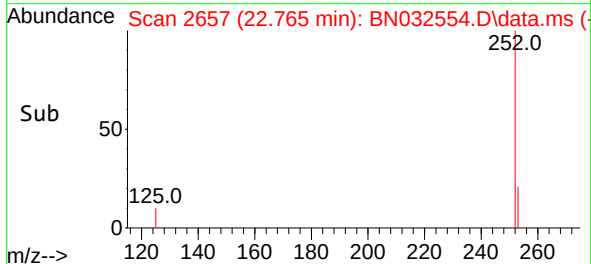
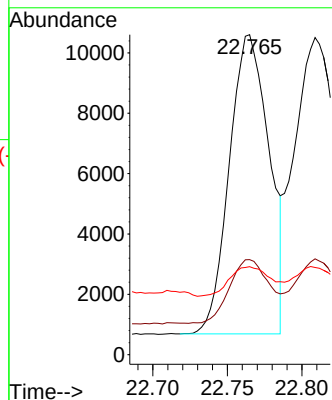
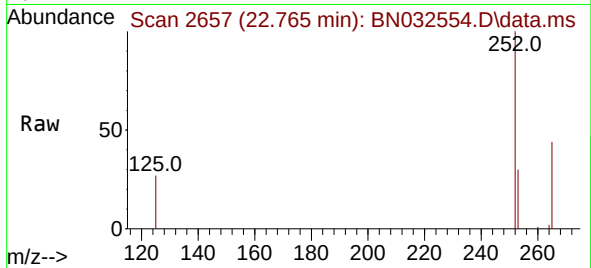
Tgt Ion:252 Resp: 18400
Ion Ratio Lower Upper
252 100
253 29.7 20.2 30.2
125 27.5 14.2 21.4

Manual Integrations

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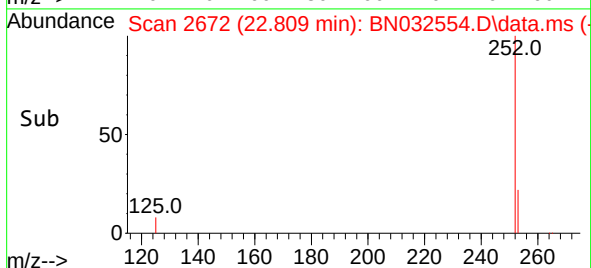
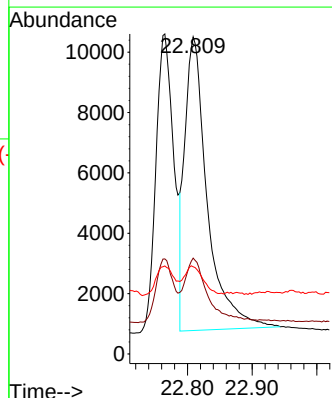
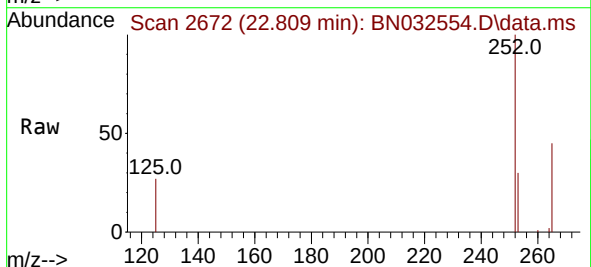
Reviewed By :Yogesh Patel 07/09/2024

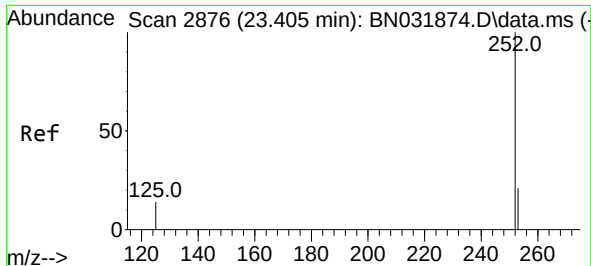
Supervised By :mohammad ahmed 07/09/2024



#38
Benzo(k)fluoranthene
Concen: 0.400 ng
RT: 22.809 min Scan# 2672
Delta R.T. 0.012 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44

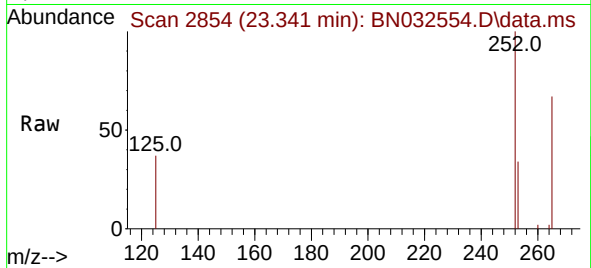
Tgt Ion:252 Resp: 23564
Ion Ratio Lower Upper
252 100
253 30.2 19.9 29.9#
125 27.5 13.0 19.4#





#39
Benzo(a)pyrene
Concen: 0.350 ng
RT: 23.341 min Scan# 21
Delta R.T. 0.018 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44

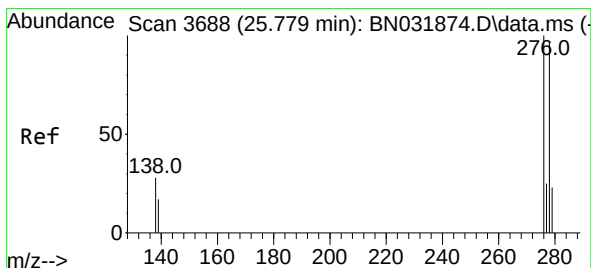
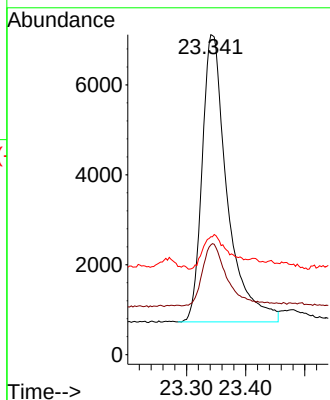
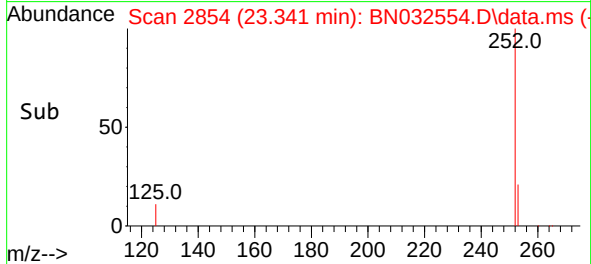
Instrument :
BNA_N
ClientSampleId :
PB161896BS



Tgt Ion:252 Resp: 18810
Ion Ratio Lower Upper
252 100
253 34.3 20.5 30.7
125 36.9 16.4 24.6

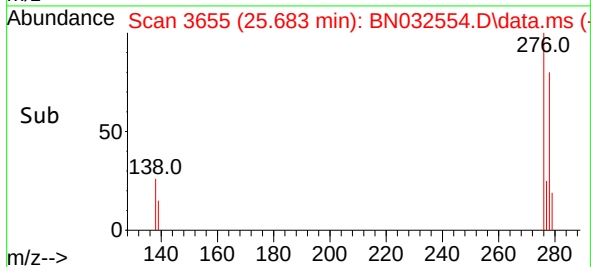
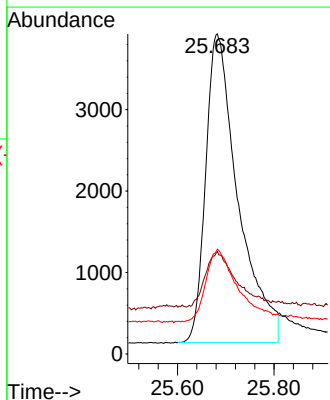
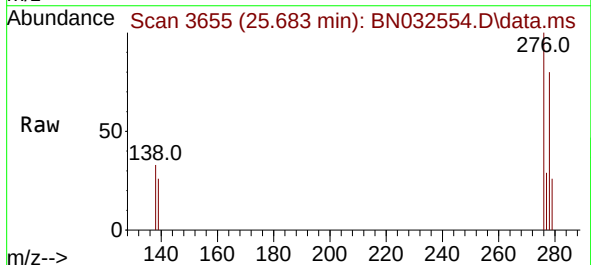
Manual Integrations
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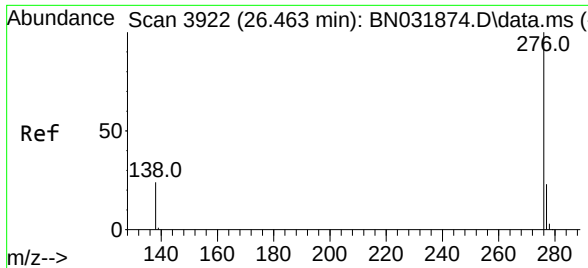
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



#40
Dibenzo(a,h)anthracene
Concen: 0.351 ng
RT: 25.683 min Scan# 3655
Delta R.T. 0.024 min
Lab File: BN032554.D
Acq: 08 Jul 2024 16:44

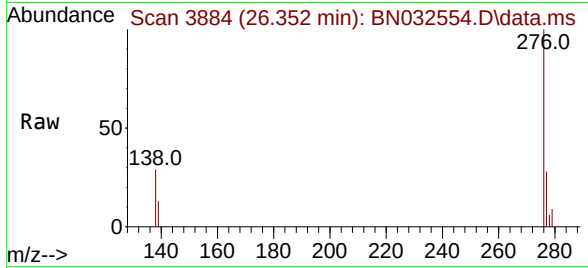
Tgt Ion:278 Resp: 17653
Ion Ratio Lower Upper
278 100
139 32.0 17.0 25.4#
279 32.7 21.4 32.0#





#41
 Benzo(g,h,i)perylene
 Concen: 0.363 ng
 RT: 26.352 min Scan# 3884
 Delta R.T. 0.018 min
 Lab File: BN032554.D
 Acq: 08 Jul 2024 16:44

Instrument :
 BNA_N
 ClientSampleId :
 PB161896BS



Tgt Ion:	276	Resp:	19610
Ion Ratio	Lower	Upper	
276	100		
277	27.6	20.2	30.2
138	29.0	20.6	31.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/09/2024

