

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061523\
 Data File : BN025862.D
 Acq On : 15 Jun 2023 17:30
 Operator : MA/JU
 Sample : 03173-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OW-07B-62.5-67.5-061223

Quant Time: Jun 16 01:46:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 01:41:46 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/16/2023
 Supervised By :mohammad ahmed 06/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	5365	0.400	ng	0.00
7) Naphthalene-d8	10.814	136	13627	0.400	ng	# 0.00
13) Acenaphthene-d10	14.630	164	7135	0.400	ng	0.00
19) Phenanthrene-d10	17.381	188	14208	0.400	ng	# 0.00
29) Chrysene-d12	21.560	240	11864	0.400	ng	0.00
35) Perylene-d12	24.046	264	11758	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.549	112	1752	0.116	ng	0.01
5) Phenol-d6	7.167	99	993	0.054	ng	0.01
8) Nitrobenzene-d5	9.180	82	3671	0.290	ng	0.02
11) 2-Methylnaphthalene-d10	12.400	152	6451	0.329	ng	0.00
14) 2,4,6-Tribromophenol	16.127	330	850	0.386	ng	0.00
15) 2-Fluorobiphenyl	13.262	172	10185	0.338	ng	0.00
27) Fluoranthene-d10	19.407	212	15046	0.515	ng	0.00
31) Terphenyl-d14	19.997	244	12229	0.425	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.383	88	160108	25.436	ng	# 93
32) Benzo(a)anthracene	21.551	228	1659	0.036	ng	# 88
33) Chrysene	21.605	228	2360	0.049	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.462	149	4589	0.168	ng	# 96
36) Indeno(1,2,3-cd)pyrene	26.662	276	2196	0.043	ng	# 89
37) Benzo(b)fluoranthene	23.288	252	5005	0.108	ng	# 70
38) Benzo(k)fluoranthene	23.338	252	3973	0.084	ng	# 61
39) Benzo(a)pyrene	23.943	252	2019	0.046	ng	# 11
40) Dibenzo(a,h)anthracene	26.680	278	1616m	0.040	ng	
41) Benzo(g,h,i)perylene	27.457	276	2210	0.048	ng	# 81

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

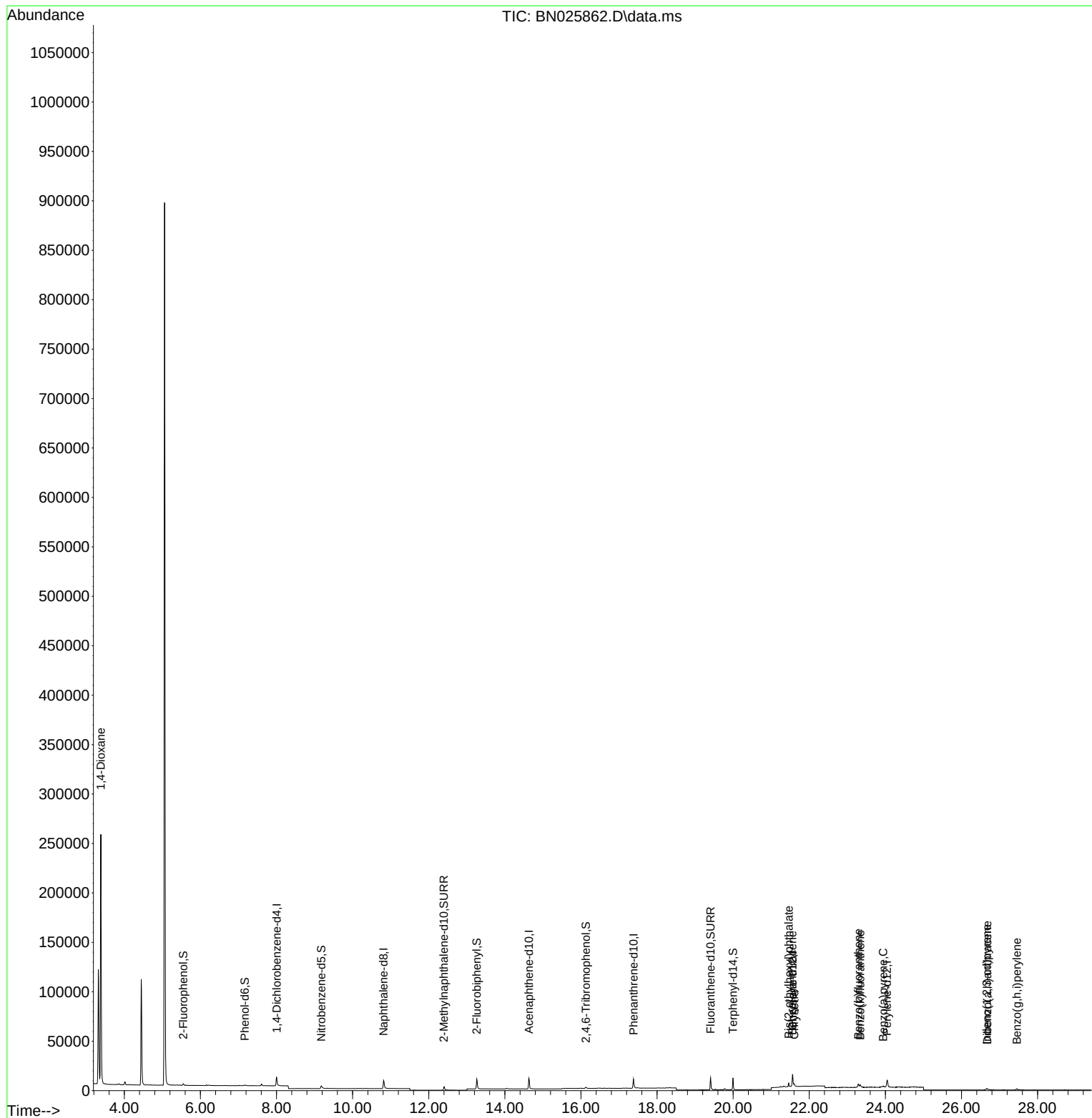
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061523\
Data File : BN025862.D
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ALS Vial : 14 Sample Multiplier: 1

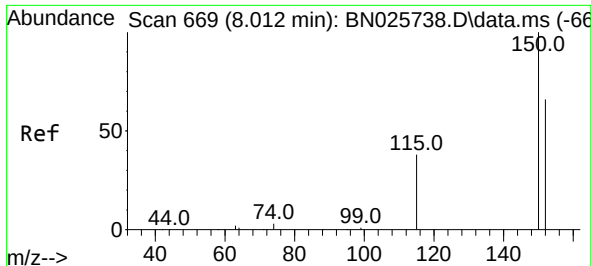
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Quant Time: Jun 16 01:46:31 2023
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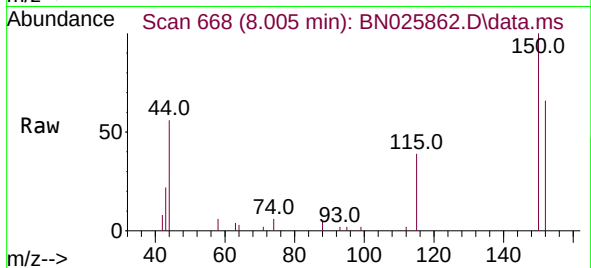
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.005 min Scan# 60
Delta R.T. 0.007 min
Lab File: BN025862.D
Acq: 15 Jun 2023 17:30

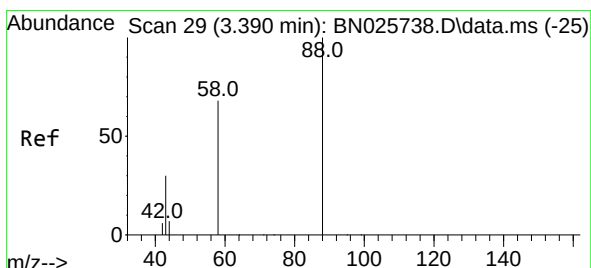
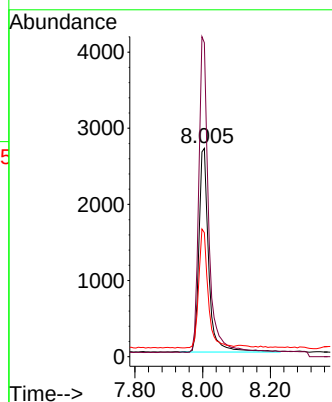
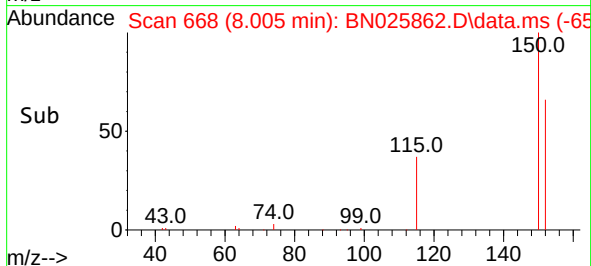
Instrument :
BNA_N
ClientSampleId :
OW-07B-62.5-67.5-061223



Tgt Ion:152 Resp: 536
Ion Ratio Lower Upper
152 100
150 150.6 121.5 182.3
115 59.5 47.7 71.5

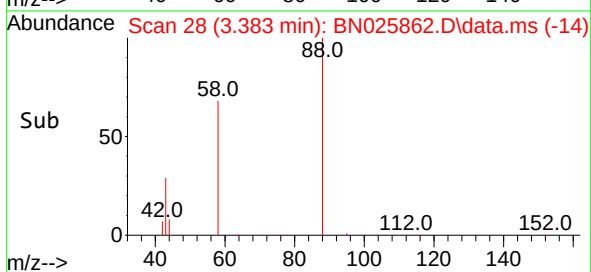
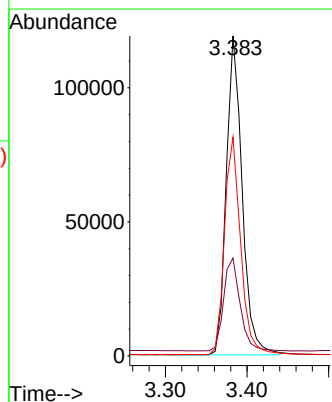
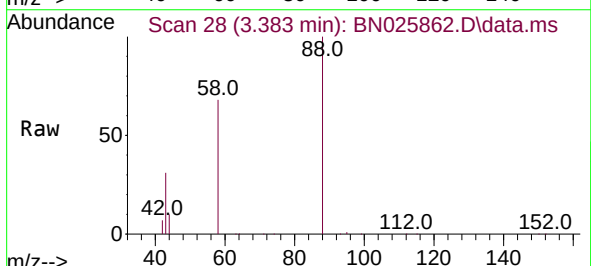
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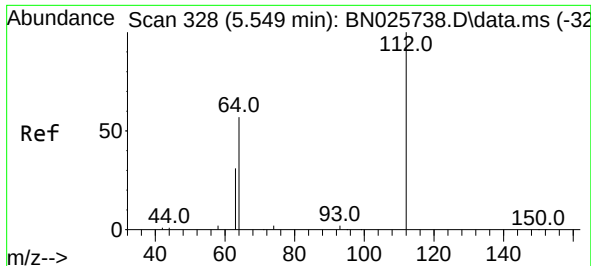
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Supervised By :mohammad ahmed 06/16/2023



#2
1,4-Dioxane
Concen: 25.436 ng
RT: 3.383 min Scan# 28
Delta R.T. 0.000 min
Lab File: BN025862.D
Acq: 15 Jun 2023 17:30

Tgt Ion: 88 Resp: 160108
Ion Ratio Lower Upper
88 100
43 30.2 31.0 46.4#
58 69.3 57.3 85.9





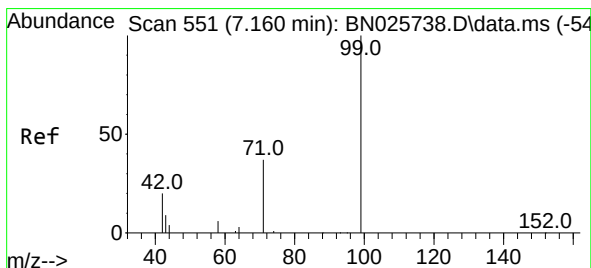
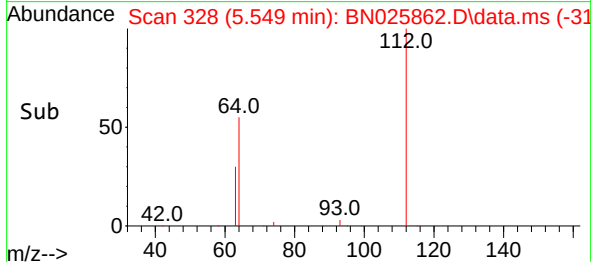
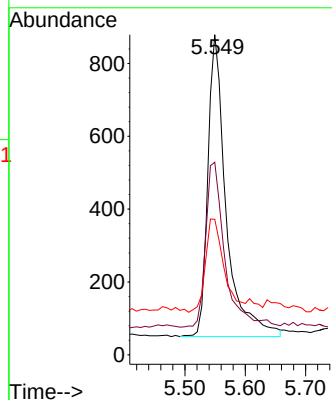
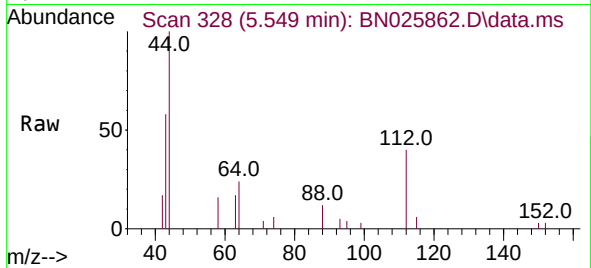
#4
2-Fluorophenol
Concen: 0.116 ng
RT: 5.549 min Scan# 31
Delta R.T. 0.015 min
Lab File: BN025862.D
Acq: 15 Jun 2023 17:30

Instrument :
BNA_N
ClientSampleId :
OW-07B-62.5-67.5-061223

Tgt Ion:112 Resp: 175
Ion Ratio Lower Upper
112 100
64 57.0 47.5 71.3
63 31.3 26.2 39.4

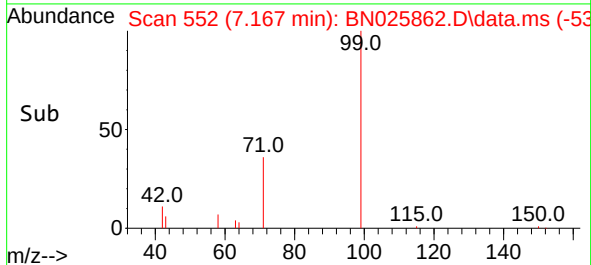
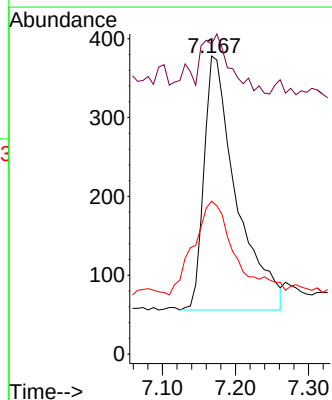
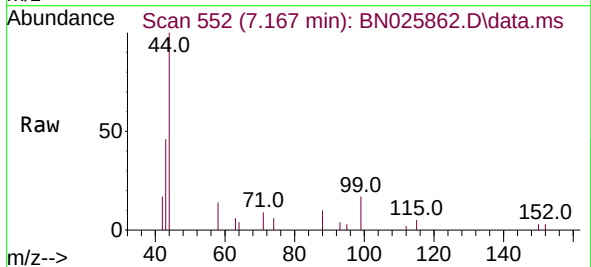
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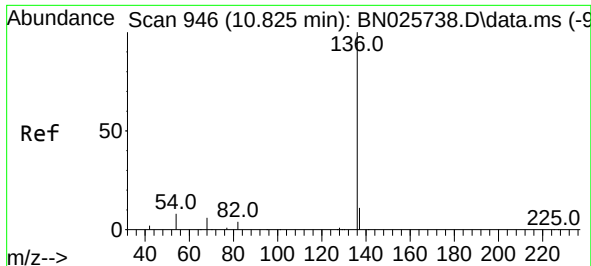
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Supervised By :mohammad ahmed 06/16/2023



#5
Phenol-d6
Concen: 0.054 ng
RT: 7.167 min Scan# 552
Delta R.T. 0.015 min
Lab File: BN025862.D
Acq: 15 Jun 2023 17:30

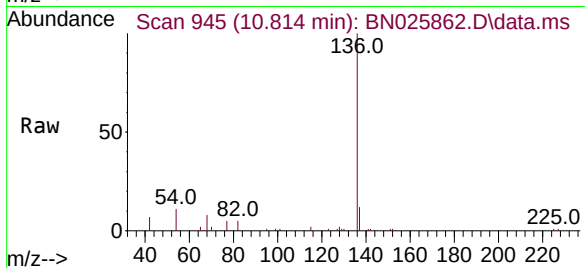
Tgt Ion: 99 Resp: 993
Ion Ratio Lower Upper
99 100
42 24.2 18.6 28.0
71 47.1 30.5 45.7#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.814 min Scan# 946
Delta R.T. 0.000 min
Lab File: BN025862.D
Acq: 15 Jun 2023 17:30

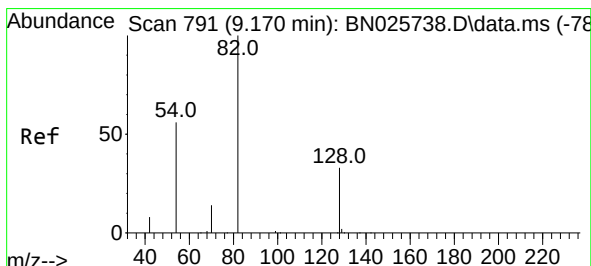
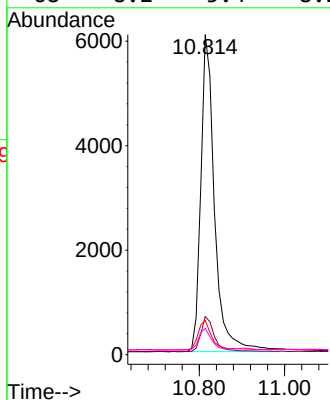
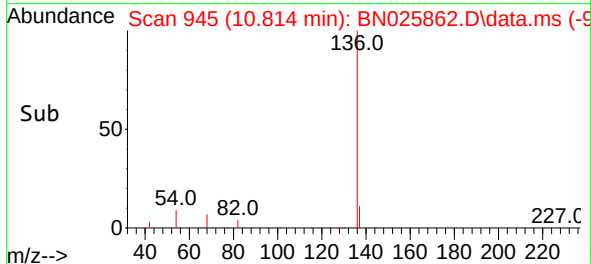
Instrument :
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ClientSampleId :
OW-07B-62.5-67.5-061223



Tgt Ion: 136 Resp: 1362
Ion Ratio Lower Upper
136 100
137 11.9 9.3 13.9
54 10.7 7.2 10.8
68 8.2 5.4 8.2#

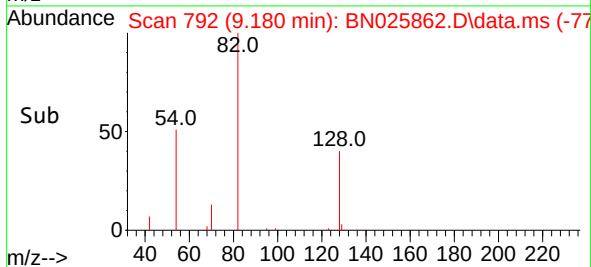
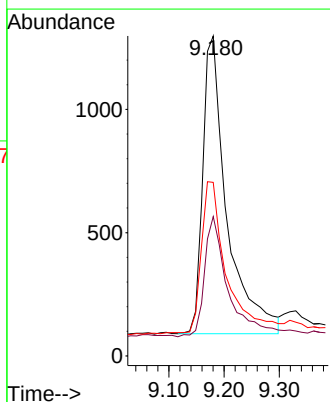
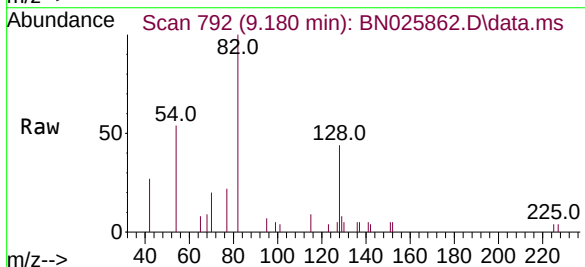
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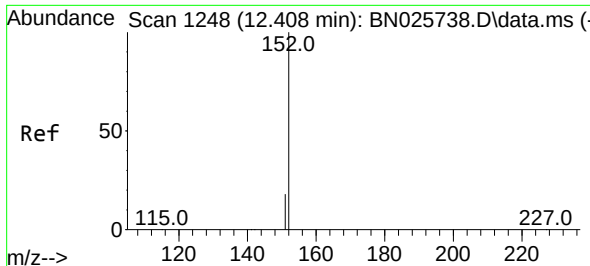
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#8
Nitrobenzene-d5
Concen: 0.290 ng
RT: 9.180 min Scan# 792
Delta R.T. 0.022 min
Lab File: BN025862.D
Acq: 15 Jun 2023 17:30

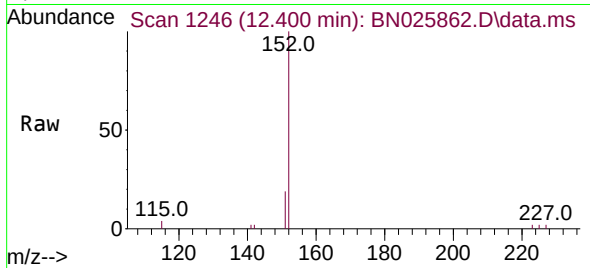
Tgt Ion: 82 Resp: 3671
Ion Ratio Lower Upper
82 100
128 43.5 27.6 41.4#
54 54.2 45.7 68.5





#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 12.400 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN025862.D
Acq: 15 Jun 2023 17:30

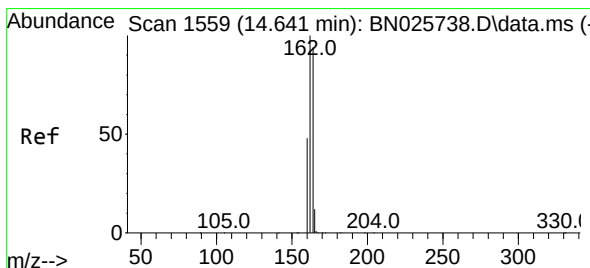
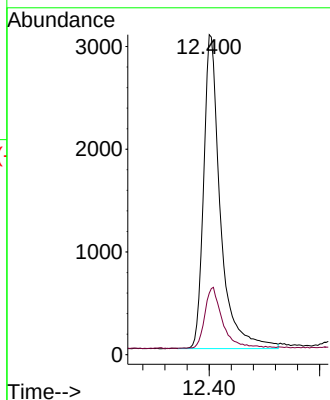
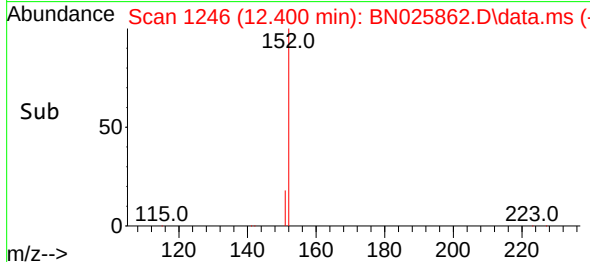
Instrument :
BNA_N
ClientSampleId :
OW-07B-62.5-67.5-061223



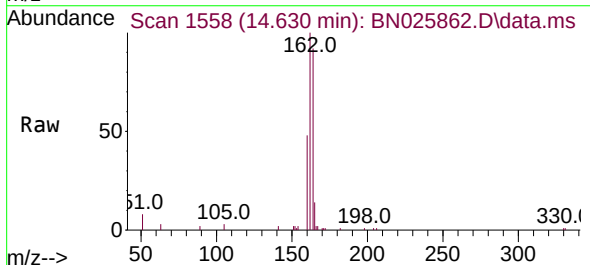
Tgt Ion:152 Resp: 645
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6

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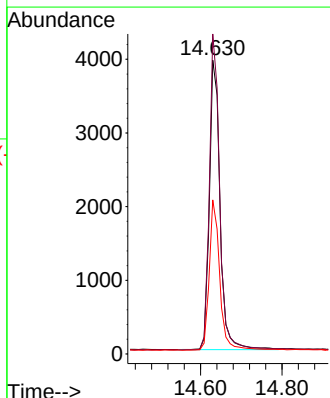
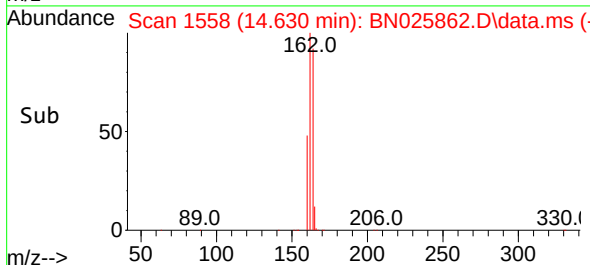
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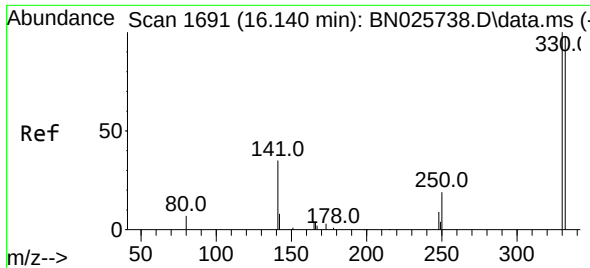


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.630 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BN025862.D
Acq: 15 Jun 2023 17:30



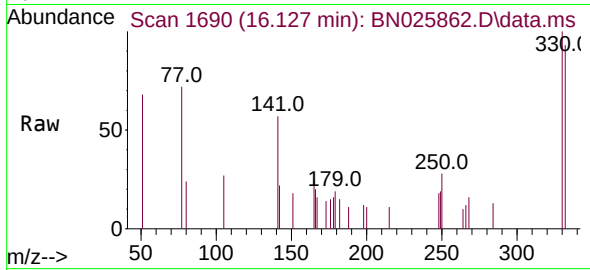
Tgt Ion:164 Resp: 7135
Ion Ratio Lower Upper
164 100
162 109.0 85.0 127.6
160 52.4 41.1 61.7





#14
2,4,6-Tribromophenol
Concen: 0.386 ng
RT: 16.127 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BN025862.D
Acq: 15 Jun 2023 17:30

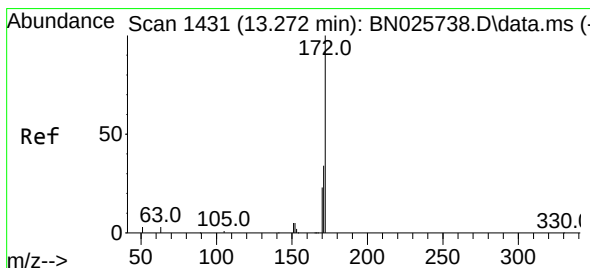
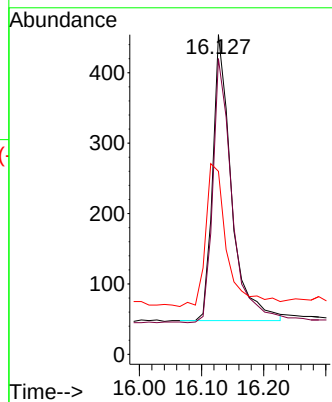
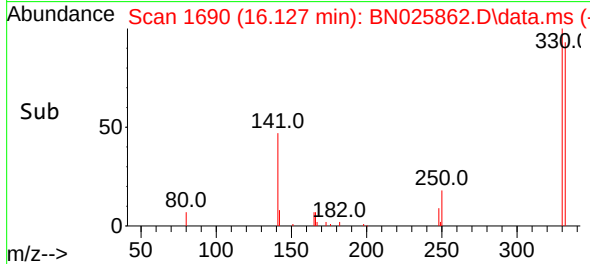
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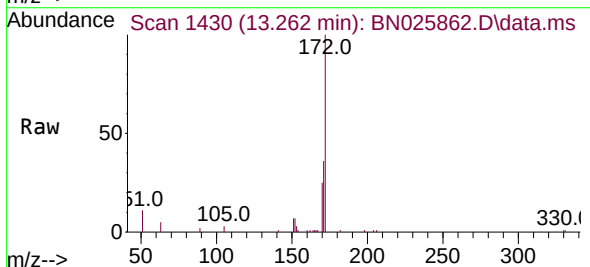
Tgt Ion: 330 Resp: 850
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 57.3 55.0 82.6

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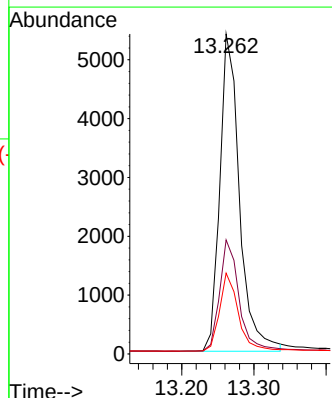
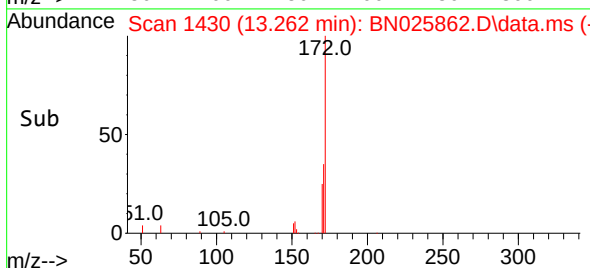
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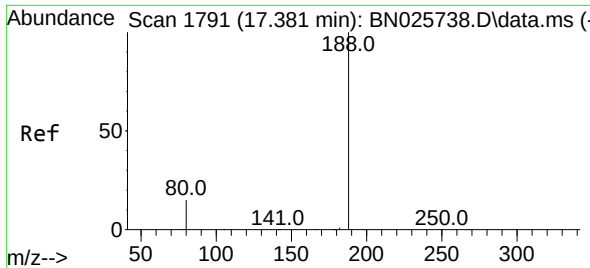


#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 13.262 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BN025862.D
Acq: 15 Jun 2023 17:30



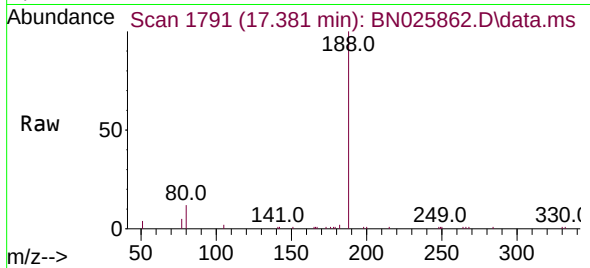
Tgt Ion: 172 Resp: 10185
Ion Ratio Lower Upper
172 100
171 35.6 27.3 40.9
170 25.2 18.6 28.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.381 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025862.D
Acq: 15 Jun 2023 17:30

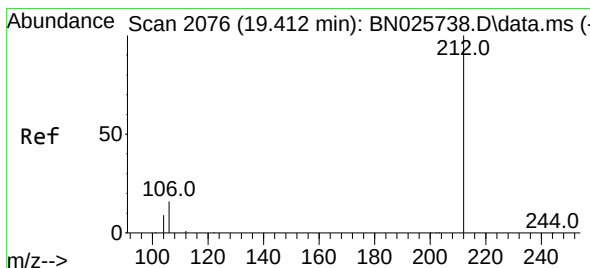
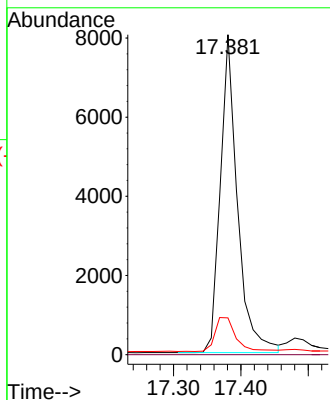
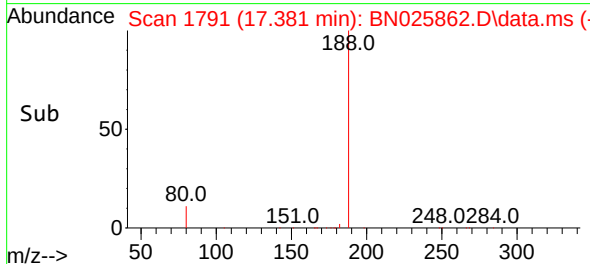
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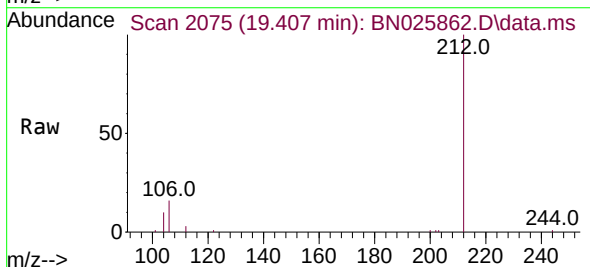
Tgt Ion:188 Resp: 14208
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.5 12.1 18.1

Manual Integrations
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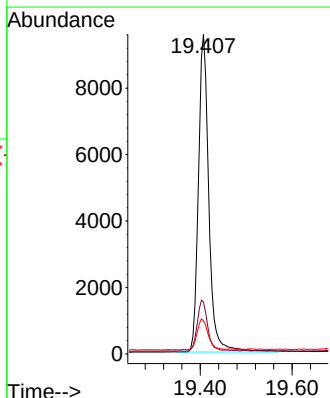
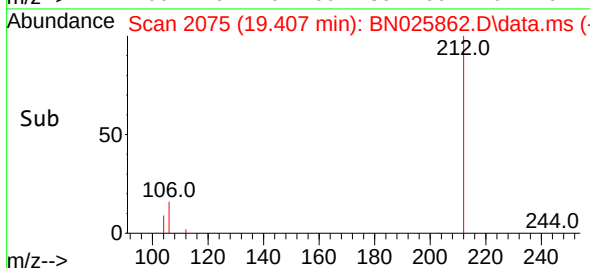
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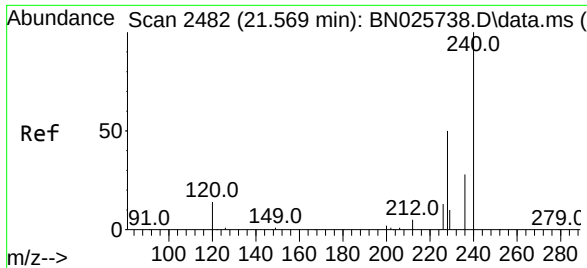


#27
Fluoranthene-d10
Concen: 0.515 ng
RT: 19.407 min Scan# 2075
Delta R.T. 0.005 min
Lab File: BN025862.D
Acq: 15 Jun 2023 17:30



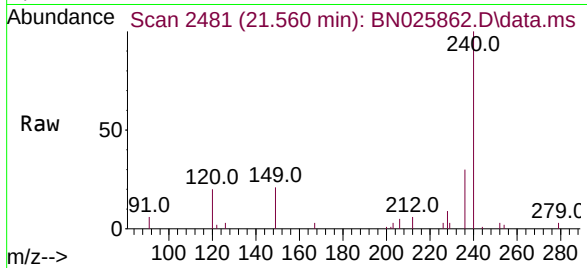
Tgt Ion:212 Resp: 15046
Ion Ratio Lower Upper
212 100
106 16.1 13.0 19.6
104 10.1 7.7 11.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.560 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BN025862.D
Acq: 15 Jun 2023 17:30

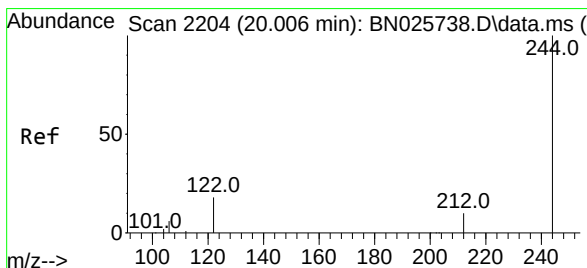
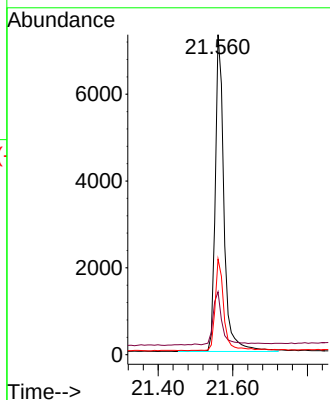
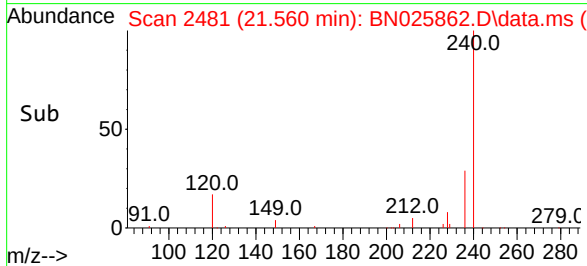
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:240 Resp: 11864
Ion Ratio Lower Upper
240 100
120 19.7 13.2 19.8
236 29.9 23.1 34.7

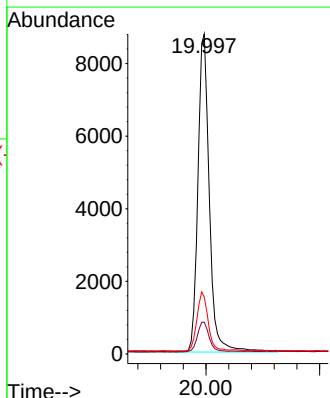
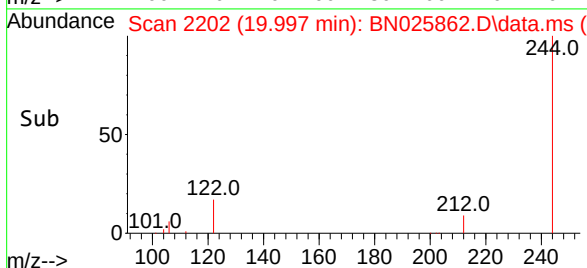
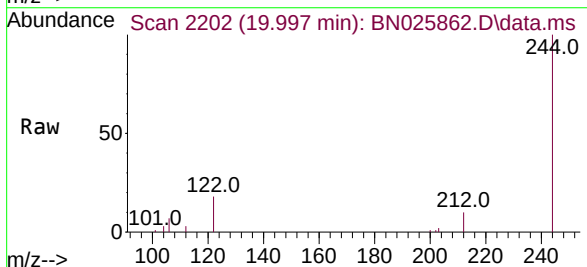
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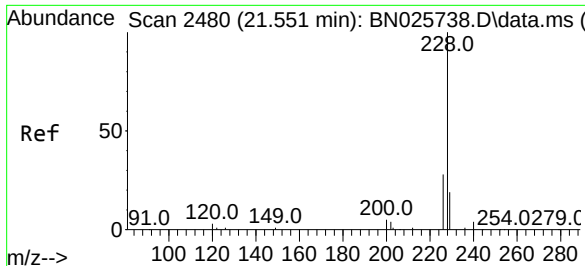
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#31
Terphenyl-d14
Concen: 0.425 ng
RT: 19.997 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BN025862.D
Acq: 15 Jun 2023 17:30

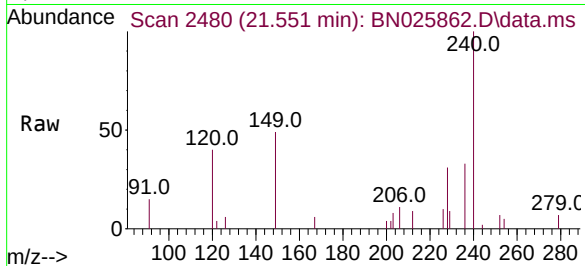
Tgt Ion:244 Resp: 12229
Ion Ratio Lower Upper
244 100
212 10.0 8.6 12.8
122 17.7 15.2 22.8





#32
Benzo(a)anthracene
Concen: 0.036 ng
RT: 21.551 min Scan# 2480
Delta R.T. 0.009 min
Lab File: BN025862.D
Acq: 15 Jun 2023 17:30

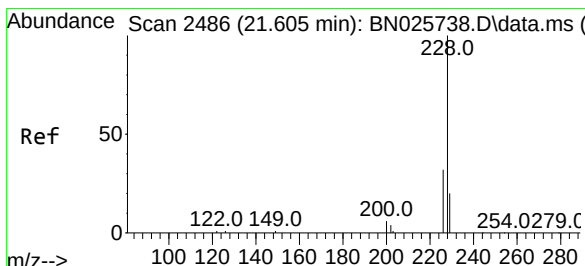
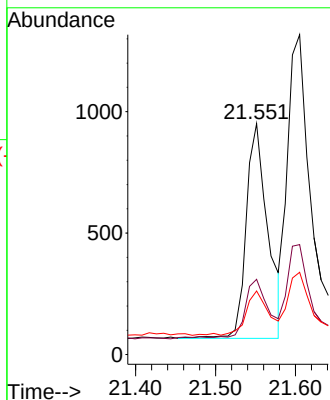
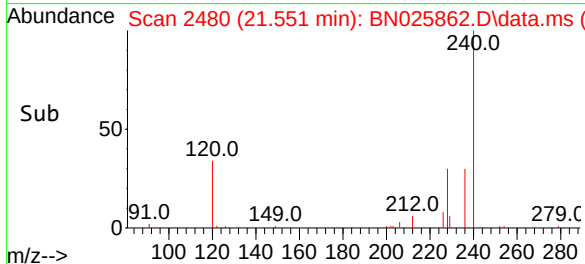
Instrument :
BNA_N
ClientSampleId :
OW-07B-62.5-67.5-061223



Tgt Ion:228 Resp: 1659
Ion Ratio Lower Upper
228 100
226 32.6 22.9 34.3
229 27.5 15.6 23.4

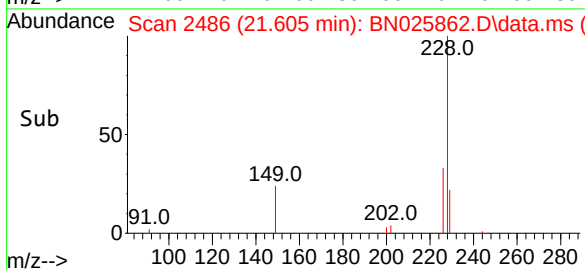
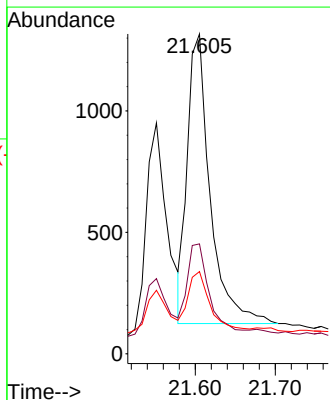
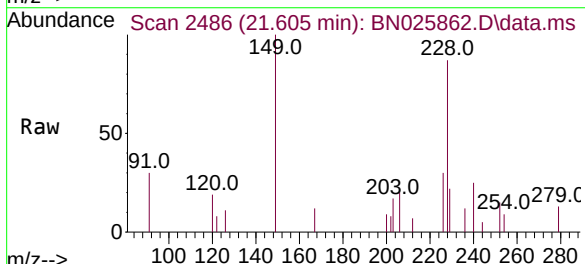
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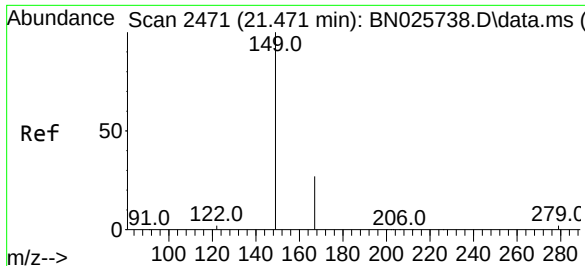
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#33
Chrysene
Concen: 0.049 ng
RT: 21.605 min Scan# 2486
Delta R.T. 0.009 min
Lab File: BN025862.D
Acq: 15 Jun 2023 17:30

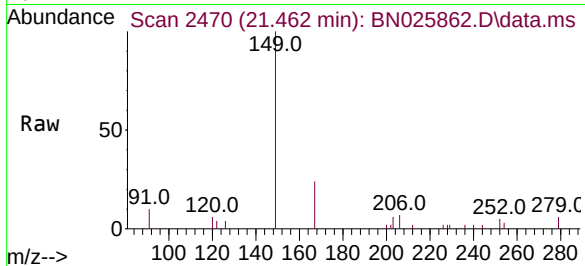
Tgt Ion:228 Resp: 2360
Ion Ratio Lower Upper
228 100
226 34.4 25.4 38.2
229 25.7 16.1 24.1





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.168 ng
RT: 21.462 min Scan# 2470
Delta R.T. 0.000 min
Lab File: BN025862.D
Acq: 15 Jun 2023 17:30

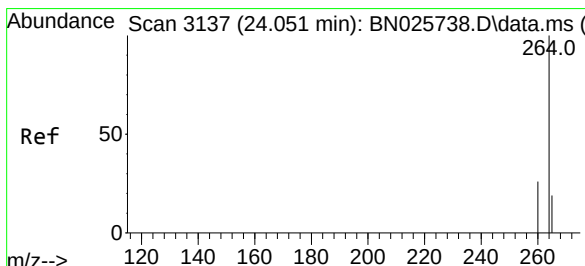
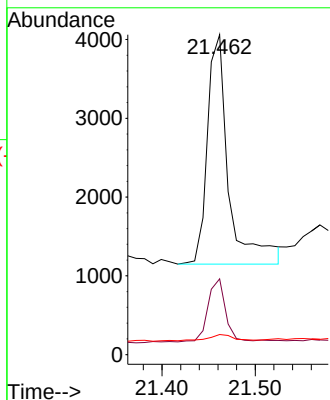
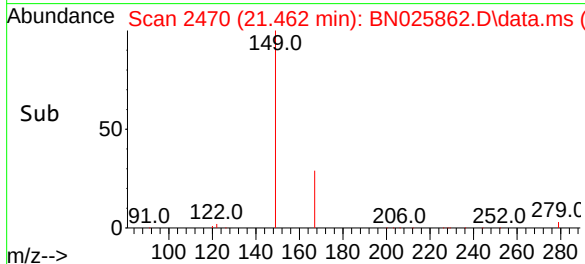
Instrument :
BNA_N
ClientSampleId :
OW-07B-62.5-67.5-061223



Tgt Ion:149 Resp: 4589
Ion Ratio Lower Upper
149 100
167 24.1 21.0 31.6
279 3.9 2.2 3.4

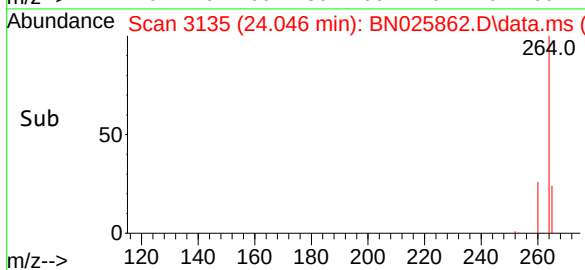
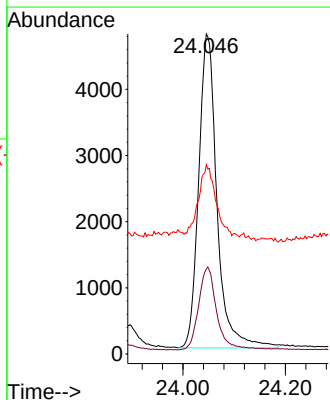
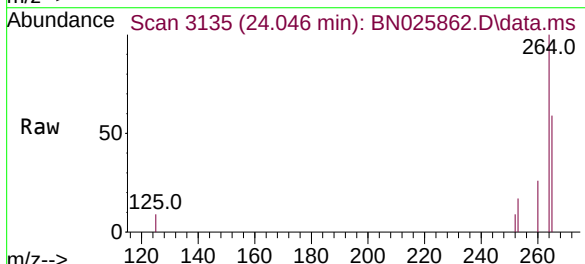
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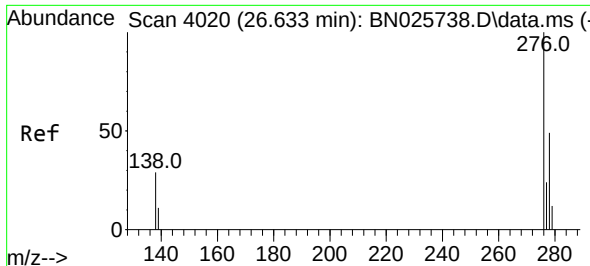
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.046 min Scan# 3135
Delta R.T. -0.003 min
Lab File: BN025862.D
Acq: 15 Jun 2023 17:30

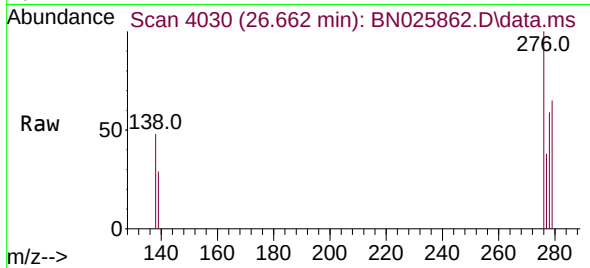
Tgt Ion:264 Resp: 11758
Ion Ratio Lower Upper
264 100
260 26.5 21.4 32.2
265 59.2 44.7 67.1





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.043 ng
RT: 26.662 min Scan# 4020
Delta R.T. 0.021 min
Lab File: BN025862.D
Acq: 15 Jun 2023 17:30

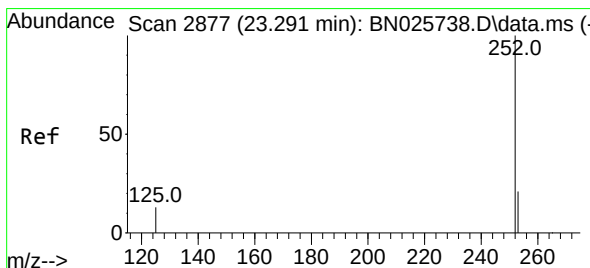
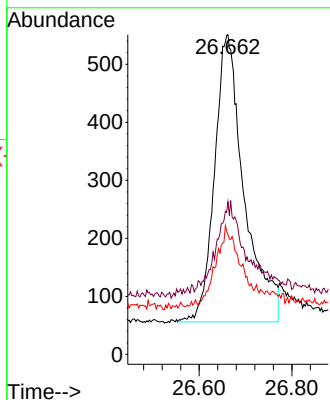
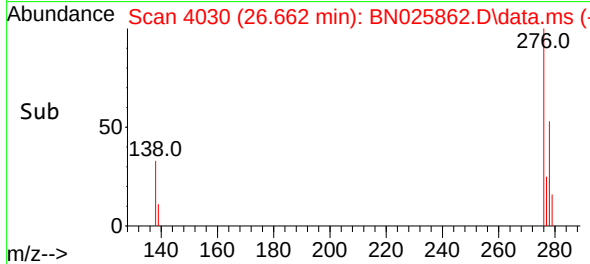
Instrument :
BNA_N
ClientSampleId :
OW-07B-62.5-67.5-061223



Tgt Ion: 276 Resp: 2190
Ion Ratio Lower Upper
276 100
138 23.9 26.1 39.1#
277 21.7 19.4 29.2#

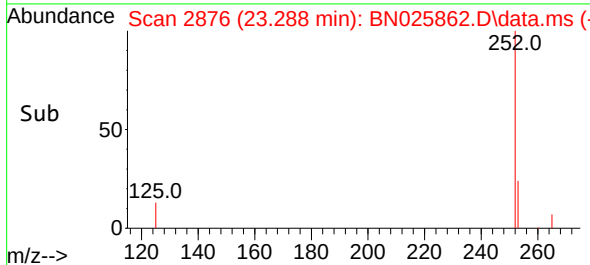
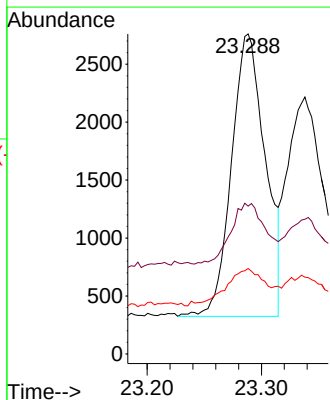
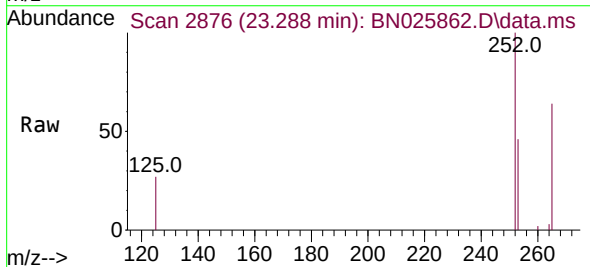
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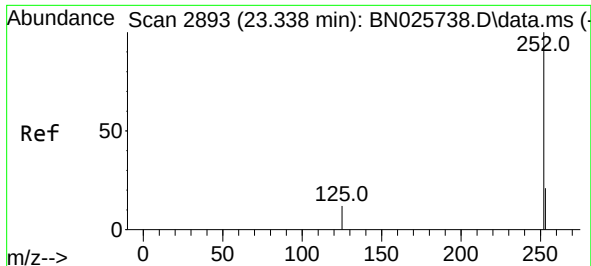
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#37
Benzo(b)fluoranthene
Concen: 0.108 ng
RT: 23.288 min Scan# 2876
Delta R.T. 0.006 min
Lab File: BN025862.D
Acq: 15 Jun 2023 17:30

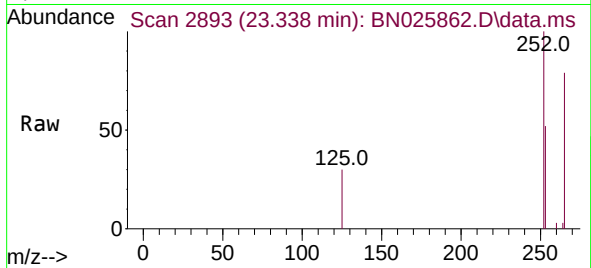
Tgt Ion: 252 Resp: 5005
Ion Ratio Lower Upper
252 100
253 46.2 23.4 35.0#
125 26.7 12.3 18.5#





#38
Benzo(k)fluoranthene
Concen: 0.084 ng
RT: 23.338 min Scan# 2100
Delta R.T. 0.009 min
Lab File: BN025862.D
Acq: 15 Jun 2023 17:30

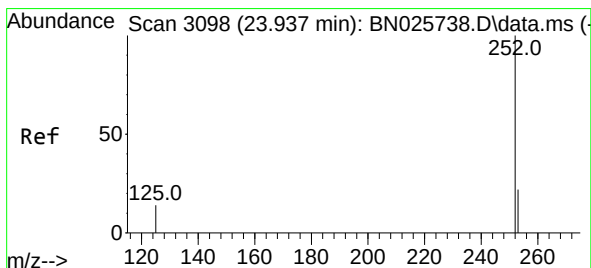
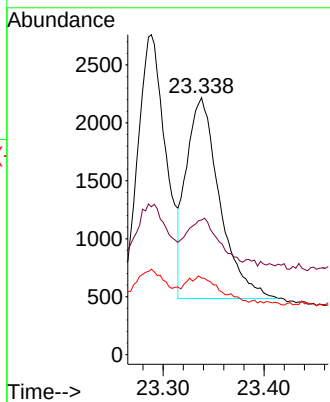
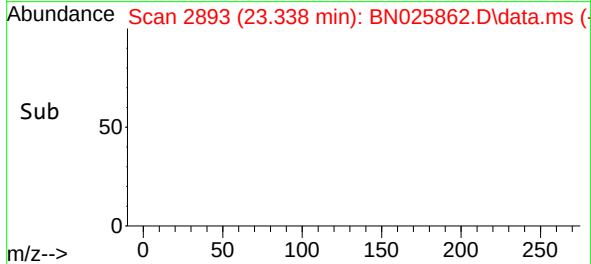
Instrument :
BNA_N
ClientSampleId :
OW-07B-62.5-67.5-061223



Tgt Ion:252 Resp: 397
Ion Ratio Lower Upper
252 100
253 52.4 24.2 36.4#
125 29.9 12.2 18.2#

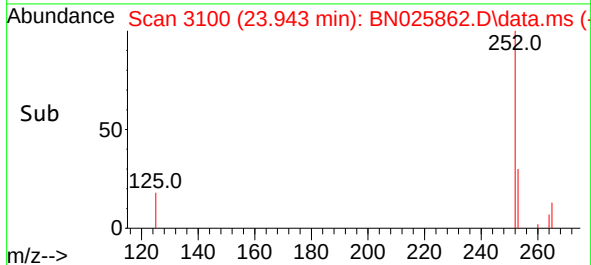
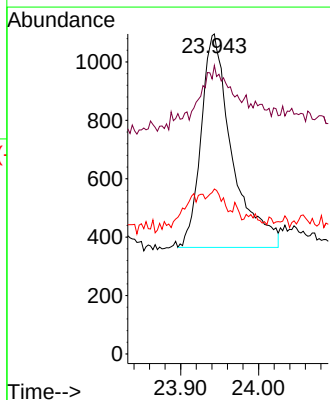
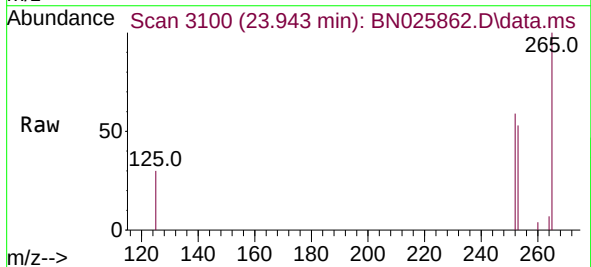
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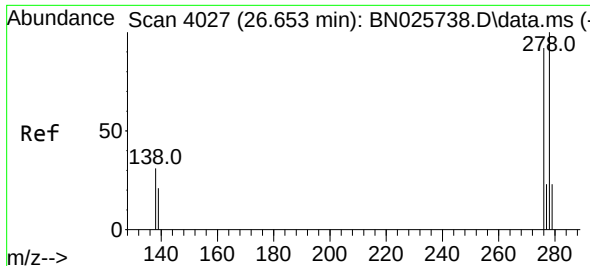
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#39
Benzo(a)pyrene
Concen: 0.046 ng
RT: 23.943 min Scan# 3100
Delta R.T. 0.006 min
Lab File: BN025862.D
Acq: 15 Jun 2023 17:30

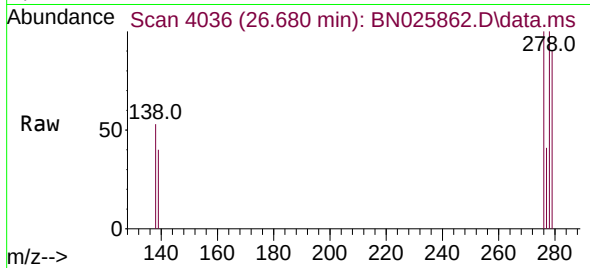
Tgt Ion:252 Resp: 2019
Ion Ratio Lower Upper
252 100
253 90.1 27.5 41.3#
125 51.6 14.6 21.8#





#40
Dibenzo(a,h)anthracene
Concen: 0.040 ng m
RT: 26.680 min Scan# 4027
Delta R.T. 0.018 min
Lab File: BN025862.D
Acq: 15 Jun 2023 17:30

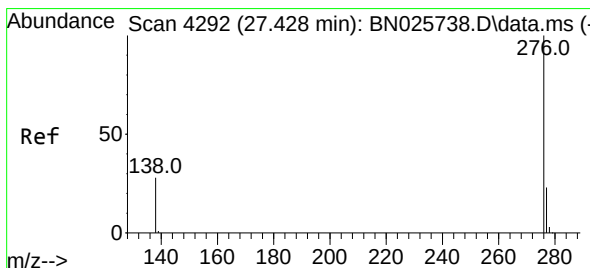
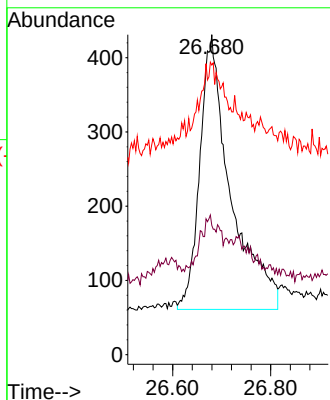
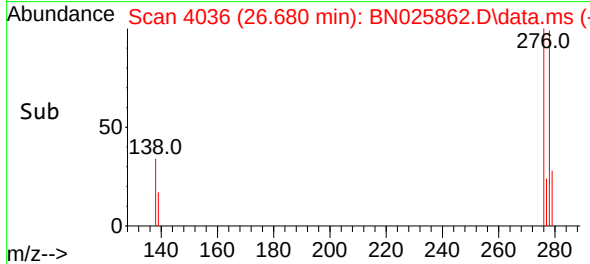
Instrument :
BNA_N
ClientSampleId :
OW-07B-62.5-67.5-061223



Tgt Ion:278 Resp: 1610
Ion Ratio Lower Upper
278 100
139 40.4 18.7 28.1#
279 90.5 25.1 37.7#

Manual Integrations
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Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#41
Benzo(g,h,i)perylene
Concen: 0.048 ng
RT: 27.457 min Scan# 4302
Delta R.T. 0.012 min
Lab File: BN025862.D
Acq: 15 Jun 2023 17:30

Tgt Ion:276 Resp: 2210
Ion Ratio Lower Upper
276 100
277 34.2 20.2 30.2#
138 41.4 24.2 36.4#

